

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019171.D
 Acq On : 14 Mar 2019 16:16
 Operator : JU/SJ
 Sample : K1866-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

Quant Time: Mar 15 05:20:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	198585	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	901113	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	574174	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1336818	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1391844	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1211453	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1662530	135.58	ng	0.00
7) Phenol-d6	6.84	99	2573424	143.48	ng	0.00
23) Nitrobenzene-d5	8.83	82	1584481	83.12	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1138777	134.33	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3459703	78.38	ng	-0.01
79) Terphenyl-d14	19.70	244	5990246	85.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	180779	33.140	ng	99
3) Pyridine	3.62	79	349487	23.549	ng	99
4) n-Nitrosodimethylamine	3.53	42	169456	36.728	ng	92
6) Aniline	7.00	93	595345	25.709	ng	99
8) 2-Chlorophenol	7.22	128	648225	43.990	ng	98
9) Benzaldehyde	6.82	77	279081	24.737	ng	97
10) Phenol	6.87	94	982091	50.806	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	587329	39.819	ng	99
12) 1,3-Dichlorobenzene	7.54	146	597411	38.310	ng	99
13) 1,4-Dichlorobenzene	7.69	146	613914	38.615	ng	99
14) 1,2-Dichlorobenzene	8.00	146	602071	38.924	ng	98
15) Benzyl Alcohol	7.91	79	656065	44.195	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	584799	38.829	ng	99
17) 2-Methylphenol	8.10	107	574825	45.634	ng	99
18) Hexachloroethane	8.72	117	224734	38.042	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	605017	41.116	ng	98
20) 3+4-Methylphenols	8.43	107	801623	46.884	ng	99
22) Acetophenone	8.49	105	982493	39.453	ng	# 99
24) Nitrobenzene	8.87	77	827902	41.759	ng	99
25) Isophorone	9.39	82	1565699	43.043	ng	99
26) 2-Nitrophenol	9.57	139	358386	43.610	ng	98
27) 2,4-Dimethylphenol	9.63	122	603331	49.383	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	919047	42.670	ng	99
29) 2,4-Dichlorophenol	10.10	162	668807	49.428	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	630511	41.325	ng	98
31) Naphthalene	10.49	128	1960658	41.281	ng	100
32) Benzoic acid	9.77	122	184445	17.826	ng	99
33) 4-Chloroaniline	10.62	127	486509	24.988	ng	99
34) Hexachlorobutadiene	10.75	225	335654	38.336	ng	99
35) Caprolactam	11.45	113	99812	20.708	ng	100
36) 4-Chloro-3-methylphenol	11.75	107	805672	48.257	ng	98
37) 2-Methylnaphthalene	12.11	142	1536481	44.518	ng	100
38) 1-Methylnaphthalene	12.33	142	1453285	42.720	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	730366	40.213	ng	99

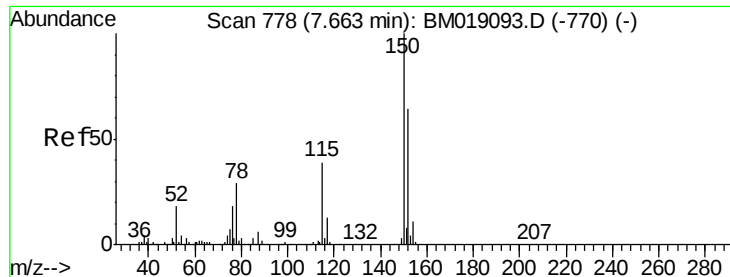
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
 Data File : BM019171.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	801657	97.443	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	559426	47.662	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	599937	47.799	ng	99
46) 1,1'-Biphenyl	13.14	154	2028239	40.449	ng	99
47) 2-Chloronaphthalene	13.18	162	1579277	42.194	ng	99
48) 2-Nitroaniline	13.41	65	583931	46.519	ng	97
49) Acenaphthylene	14.03	152	2646752	41.822	ng	100
50) Dimethylphthalate	13.79	163	2455832	49.999	ng	100
51) 2,6-Dinitrotoluene	13.91	165	479425	45.153	ng	96
52) Acenaphthene	14.37	154	1517763	41.737	ng	99
53) 3-Nitroaniline	14.25	138	382549	34.017	ng	97
54) 2,4-Dinitrophenol	14.46	184	434751	70.504	ng	99
55) Dibenzofuran	14.71	168	2509986	42.800	ng	99
56) 4-Nitrophenol	14.56	139	825787	89.938	ng	98
57) 2,4-Dinitrotoluene	14.70	165	690151	44.778	ng	99
58) Fluorene	15.36	166	2099032	43.422	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	548315	46.926	ng	100
60) Diethylphthalate	15.15	149	2229014	44.808	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1027980	43.785	ng	99
62) 4-Nitroaniline	15.42	138	483592	42.671	ng	99
63) Azobenzene	15.66	77	2327942	44.472	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	344589	39.336	ng	99
66) n-Nitrosodiphenylamine	15.59	169	1779989	41.823	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	621013	42.126	ng	99
68) Hexachlorobenzene	16.36	284	734266	41.895	ng	98
69) Atrazine	16.54	200	658199	45.942	ng	100
70) Pentachlorophenol	16.72	266	915196	86.672	ng	99
71) Phenanthrene	17.11	178	3295189	42.054	ng	100
72) Anthracene	17.20	178	3343890	43.593	ng	99
73) Carbazole	17.48	167	3108860	42.941	ng	99
74) Di-n-butylphthalate	18.03	149	3956580	45.193	ng	100
75) Fluoranthene	19.13	202	3823681	42.528	ng	99
77) Benzidine	19.34	184	352305	8.925	ng	99
78) Pyrene	19.50	202	3865553	43.895	ng	100
80) Butylbenzylphthalate	20.40	149	1874666	48.875	ng	98
81) Benzo(a)anthracene	21.25	228	3594455	41.165	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	915923	27.229	ng	99
83) Chrysene	21.30	228	3450886	40.851	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2759065	49.443	ng	98
85) Di-n-octyl phthalate	22.04	149	4597463	48.927	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3360356	36.953	ng	100
88) Benzo(b)fluoranthene	22.83	252	3385068	43.122	ng	99
89) Benzo(k)fluoranthene	22.87	252	3320557	45.990	ng	99
90) Benzo(a)pyrene	23.40	252	3113969	44.142	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2885433	42.758	ng	98
92) Benzo(g,h,i)perylene	26.46	276	2662214	42.970	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

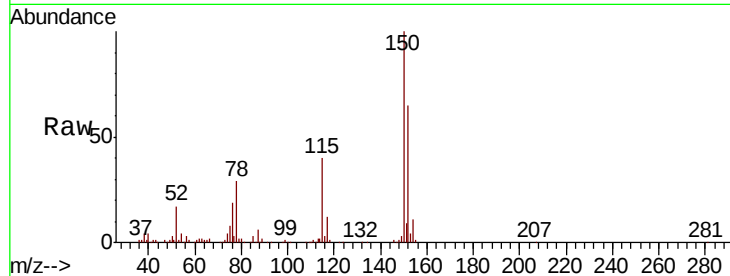


#1

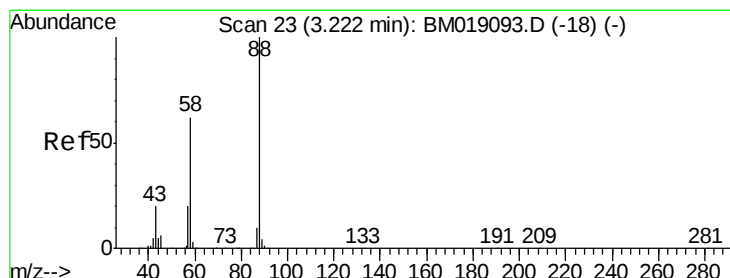
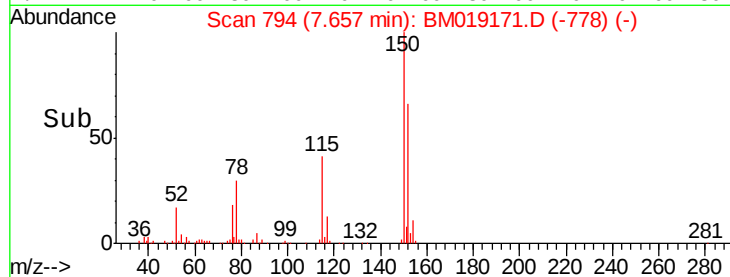
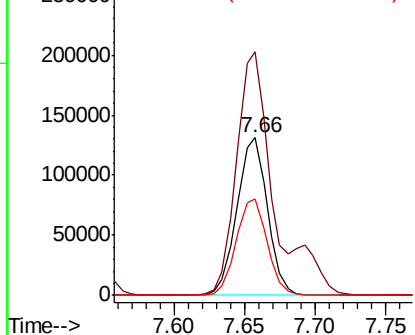
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion	152	Resp	198585
Ion Ratio	Lower	Upper	
152	100		
150	154.7	125.3	187.9
115	61.5	49.4	74.0



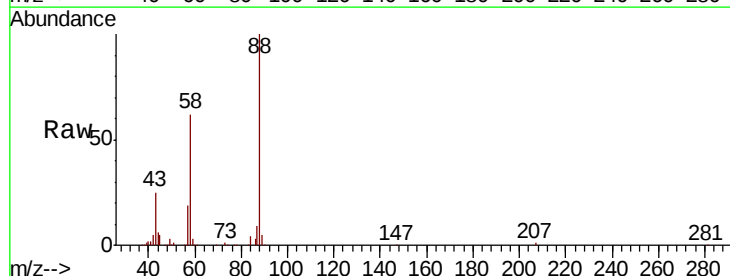
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



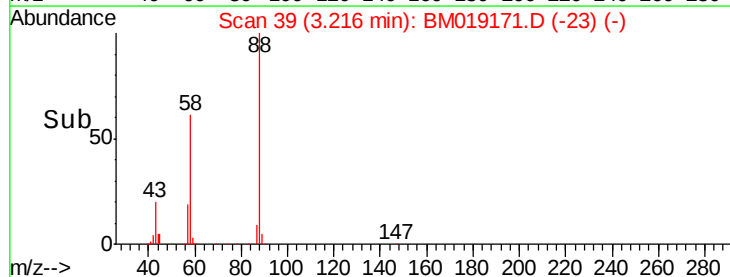
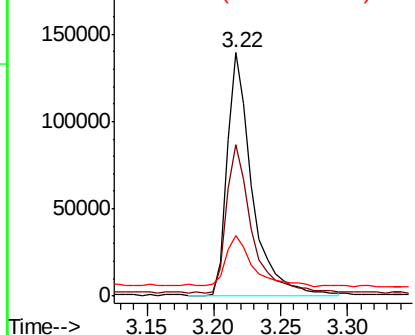
#2

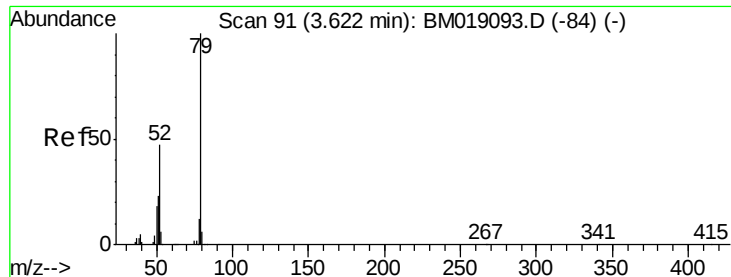
1,4-Dioxane
Concen: 33.140 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	88	Resp	180779
Ion Ratio	Lower	Upper	
88	100		
58	63.1	50.0	75.0
43	22.9	17.0	25.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 23.549 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

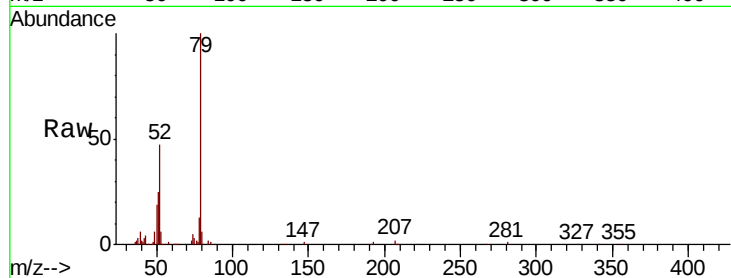
Tot Ion: 79 Resp: 349487

Ion Ratio Lower Upper

79 100

52 47.2 37.5 56.3

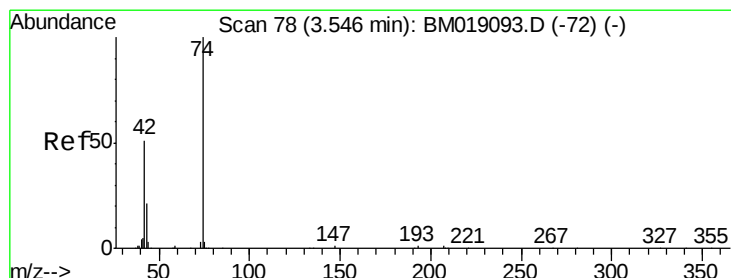
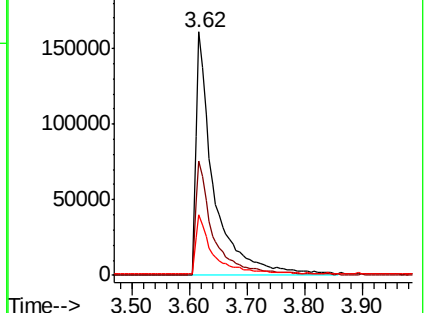
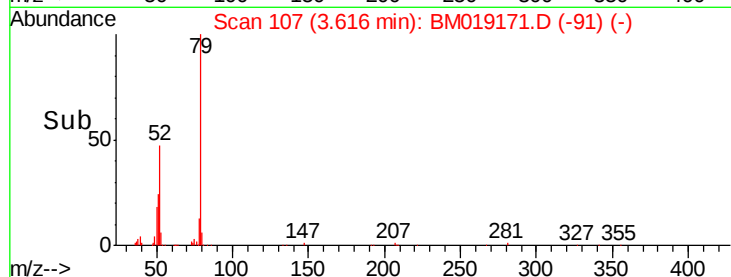
51 24.7 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 36.728 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

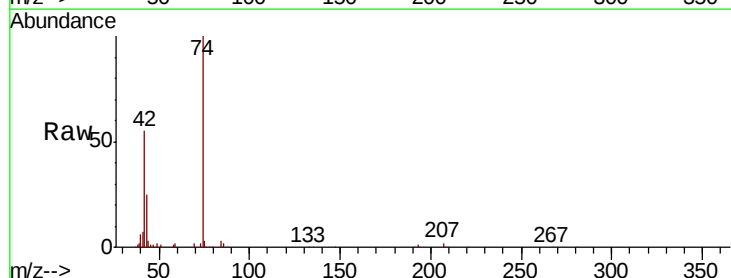
Tgt Ion: 42 Resp: 169456

Ion Ratio Lower Upper

42 100

74 183.3 156.3 234.5

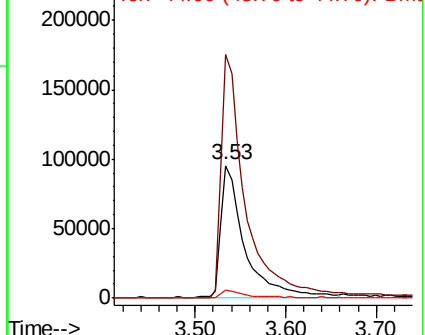
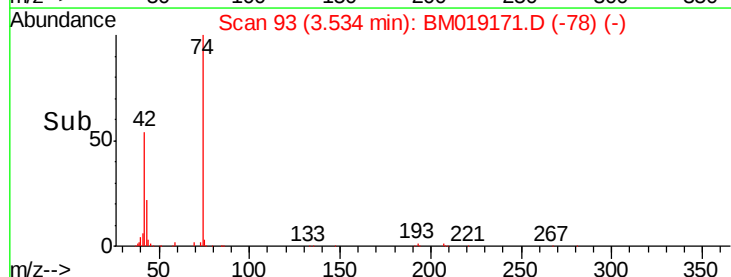
44 5.8 4.6 7.0

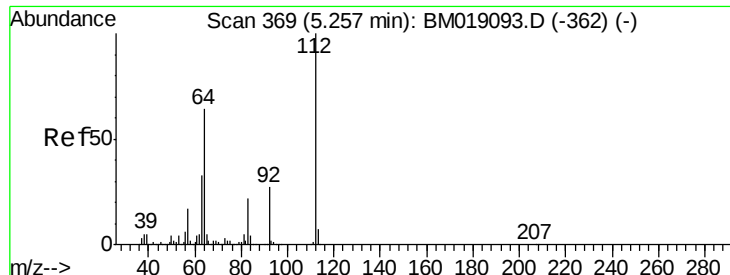


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 135.581 ng

RT: 5.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

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MR-MH-04-COMPMSD

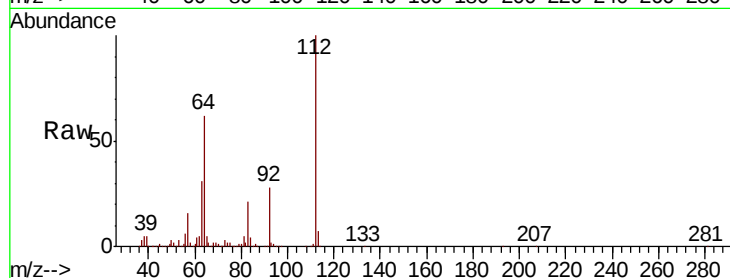
Tot Ion:112 Resp: 1662530

Ion Ratio Lower Upper

112 100

64 62.0 51.4 77.0

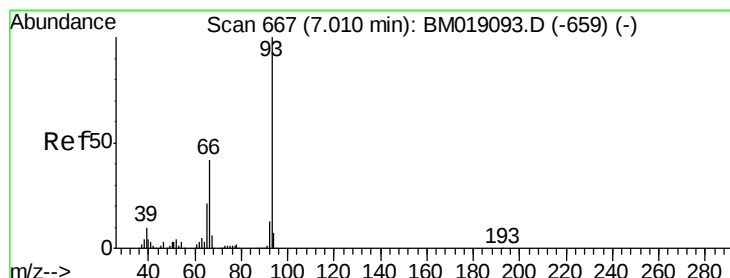
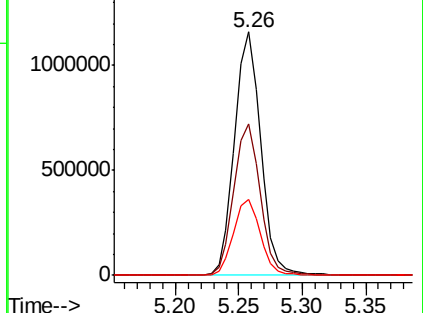
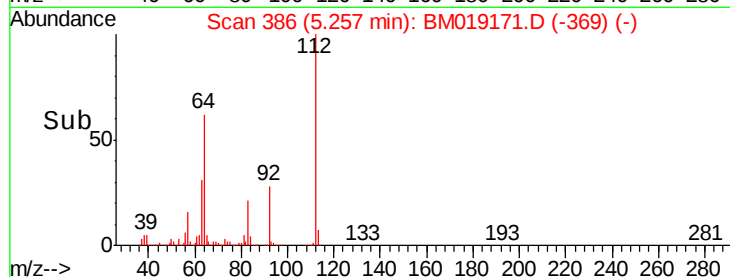
63 31.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 25.709 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

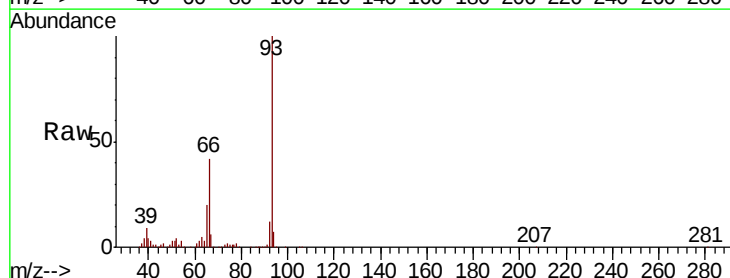
Tgt Ion: 93 Resp: 595345

Ion Ratio Lower Upper

93 100

66 41.9 33.4 50.2

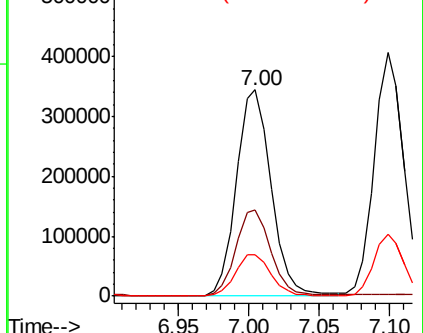
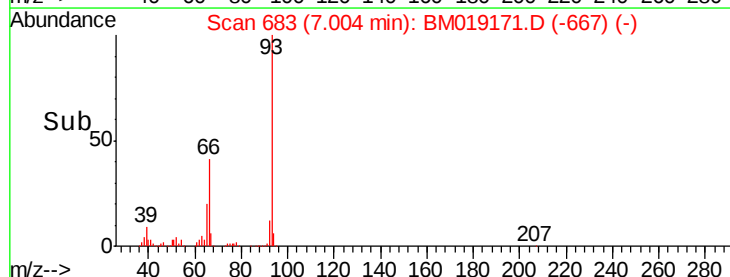
65 20.2 16.8 25.2

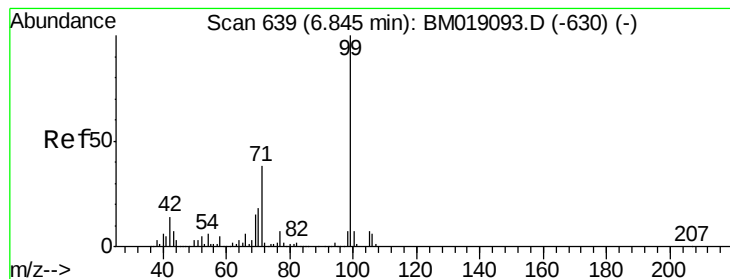


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 143.477 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

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ClientSampleId :

MR-MH-04-COMPMSD

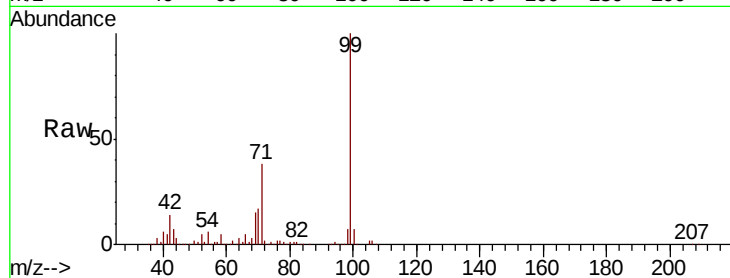
Tot Ion: 99 Resp: 2573424

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

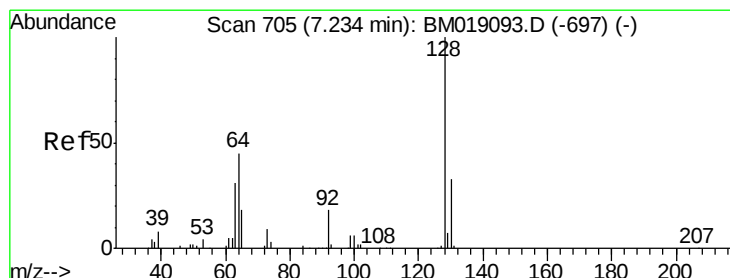
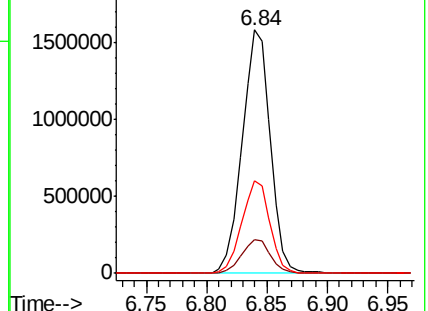
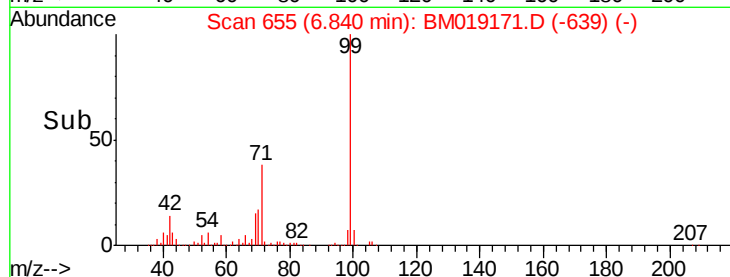
71 37.8 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019171.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019171.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019171.D (-639) (-)



#8

2-Chlorophenol

Concen: 43.990 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

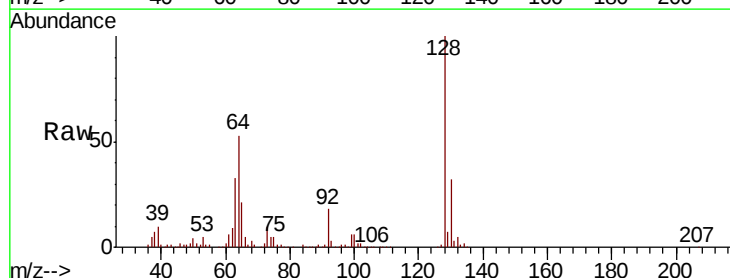
Tgt Ion: 128 Resp: 648225

Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

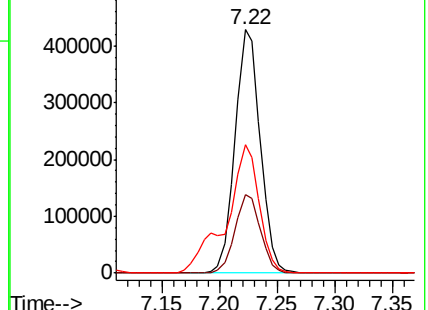
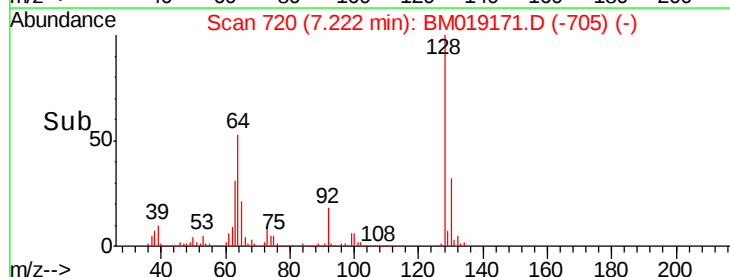
64 52.6 30.8 70.8

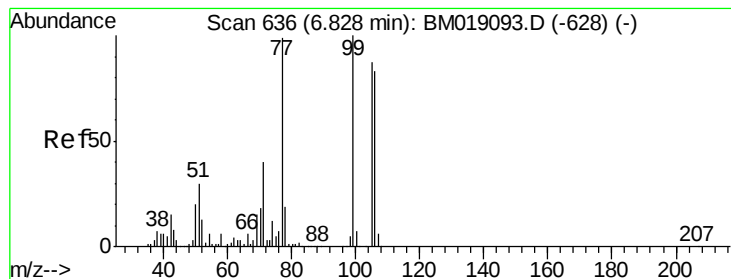


Abundance Ion 128.00 (127.70 to 128.70): BM019171.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM019171.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019171.D (-705) (-)





#9

Benzaldehyde

Concen: 24.737 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

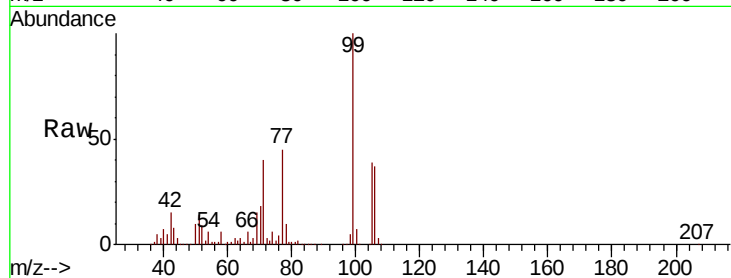
Tot Ion: 77 Resp: 279081

Ion Ratio Lower Upper

77 100

105 85.8 67.7 107.7

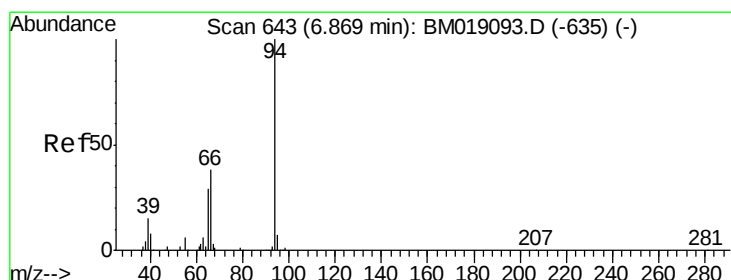
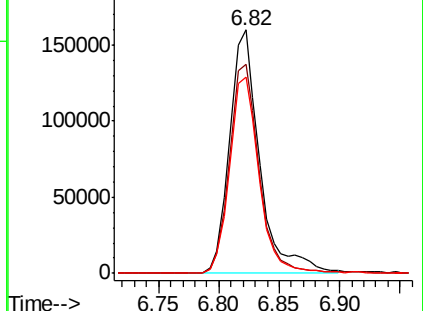
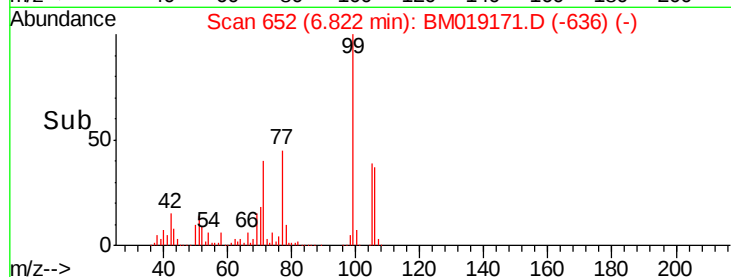
106 80.7 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019171.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM019171.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM019171.D (-636) (-)



#10

Phenol

Concen: 50.806 ng

RT: 6.87 min Scan# 660

Delta R.T. 0.00 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

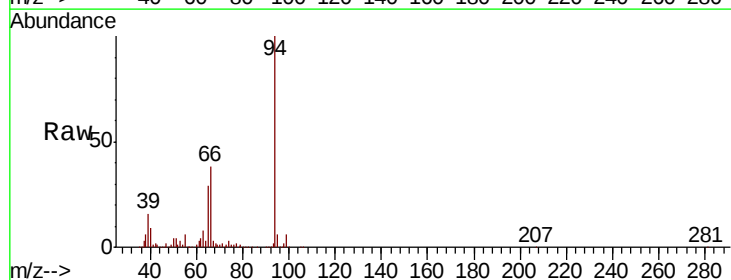
Tgt Ion: 94 Resp: 982091

Ion Ratio Lower Upper

94 100

65 28.7 9.7 49.7

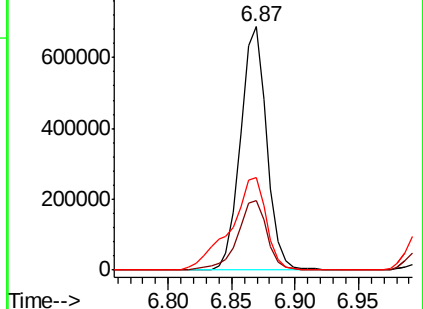
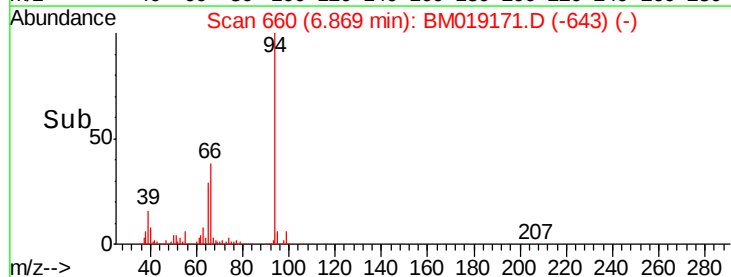
66 38.2 19.2 59.2

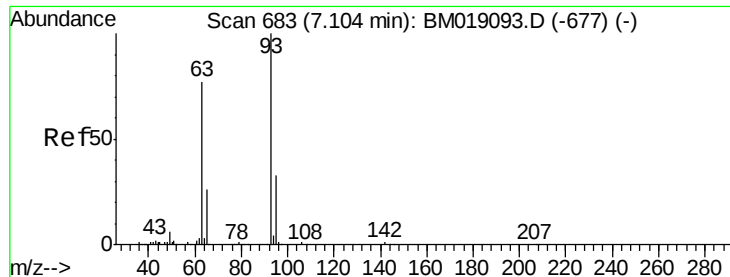


Abundance Ion 94.00 (93.70 to 94.70): BM019171.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019171.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019171.D (-643) (-)

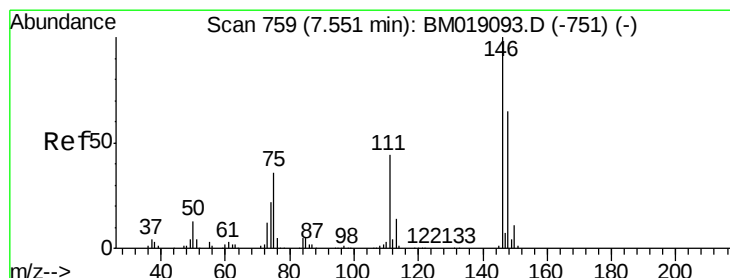
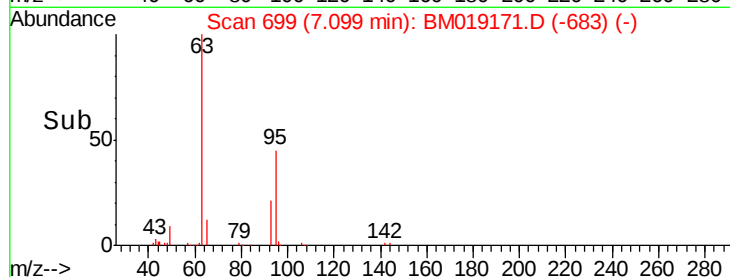
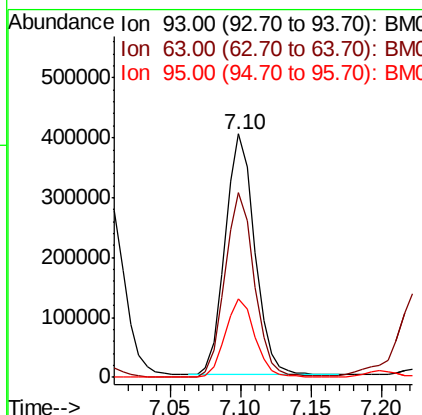
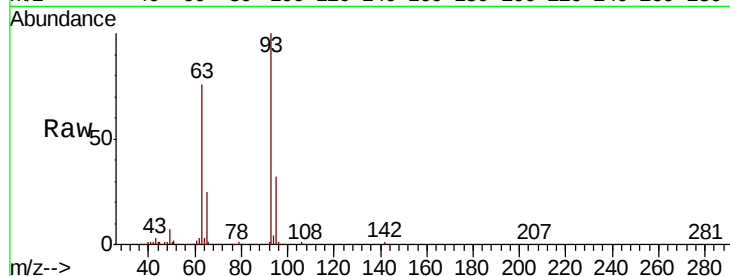




#11
bis(2-Chloroethyl)ether
Concen: 39.819 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

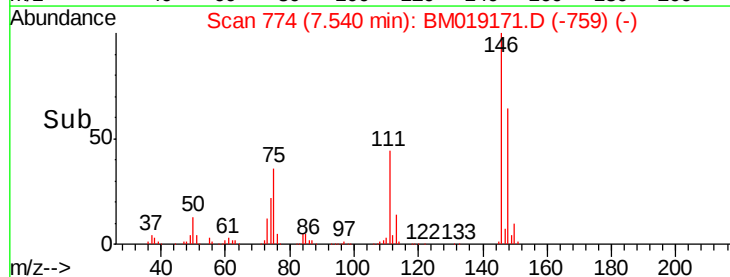
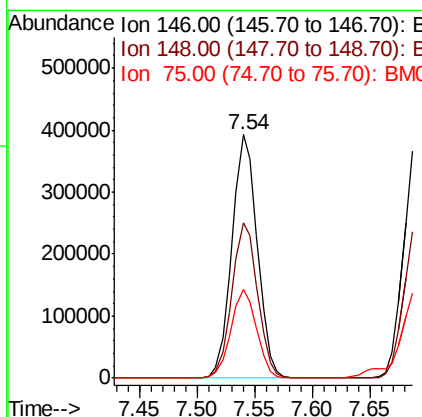
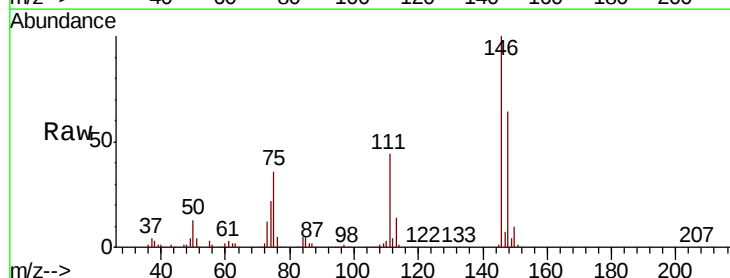
Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

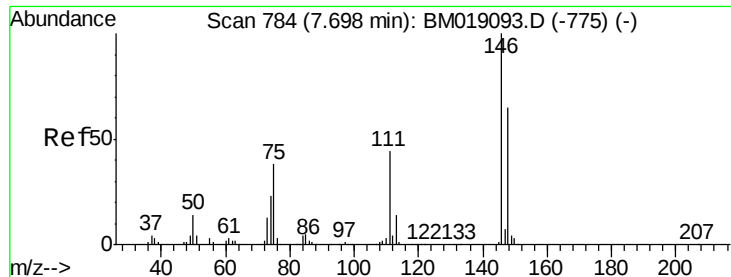
Tot Ion: 93 Resp: 587329
Ion Ratio Lower Upper
93 100
63 75.8 56.6 96.6
95 32.1 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 38.310 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion: 146 Resp: 597411
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
75 36.5 29.1 43.7

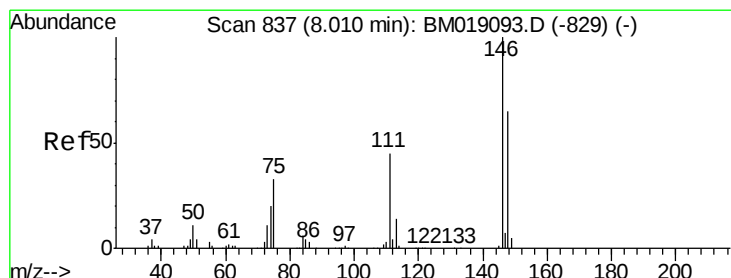
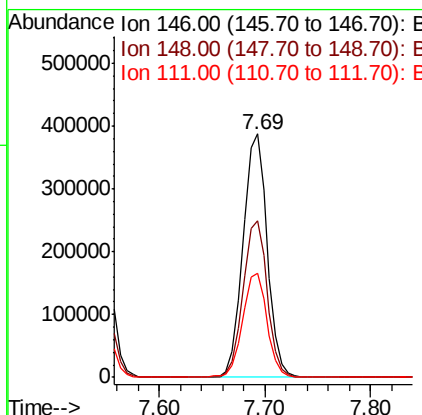
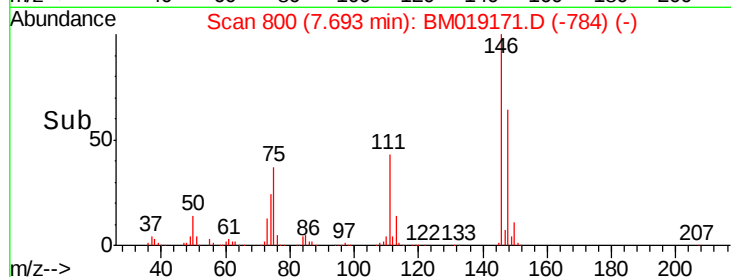
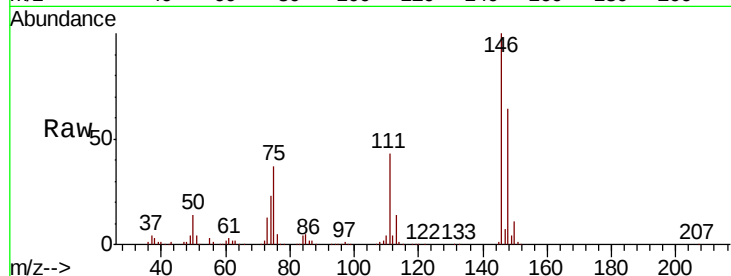




#13
 1,4-Dichlorobenzene
 Concen: 38.615 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

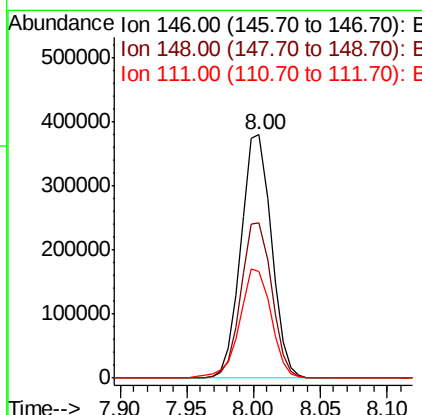
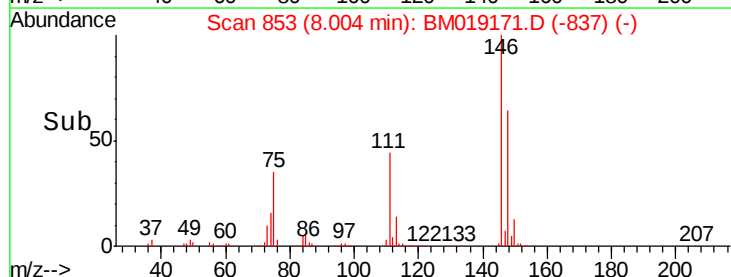
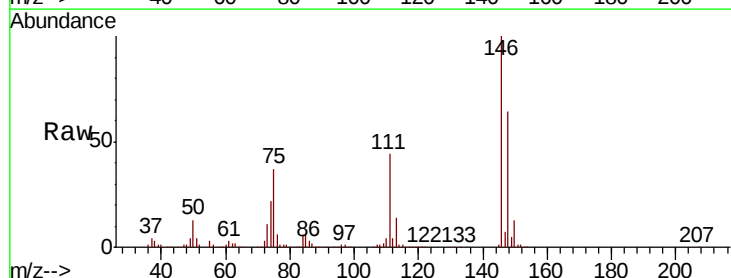
Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

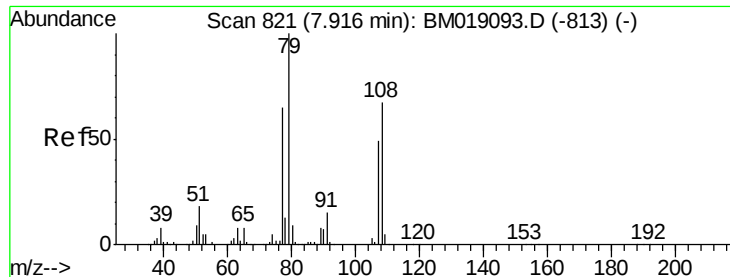
Tot Ion:146 Resp: 613914
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 43.0 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 38.924 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion:146 Resp: 602071
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 43.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 44.195 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

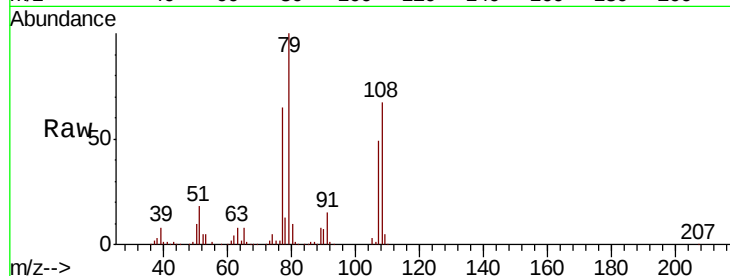
Tot Ion: 79 Resp: 656065

Ion Ratio Lower Upper

79 100

108 67.5 53.7 80.5

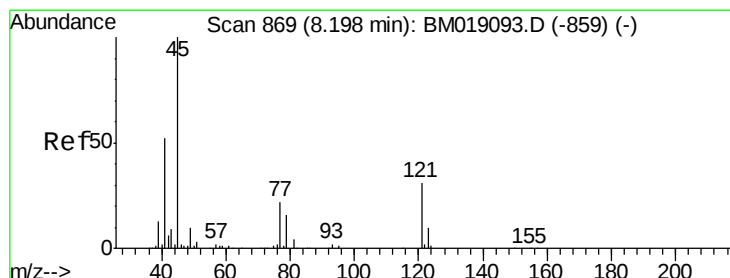
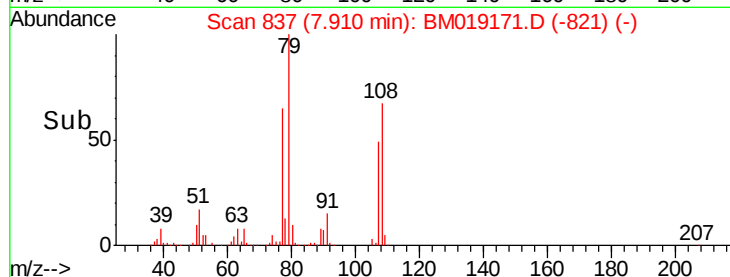
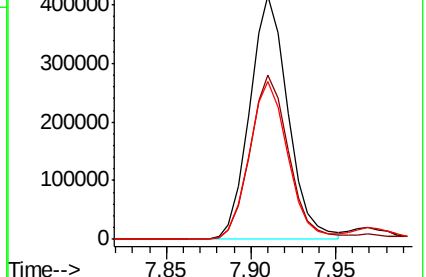
77 65.0 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.829 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

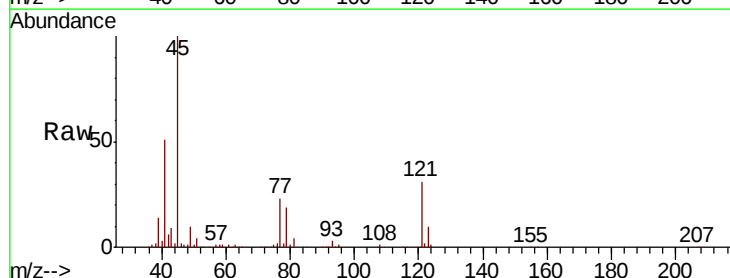
Tgt Ion: 45 Resp: 584799

Ion Ratio Lower Upper

45 100

77 23.3 4.1 44.1

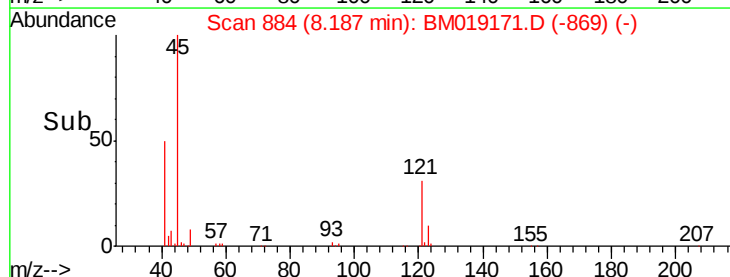
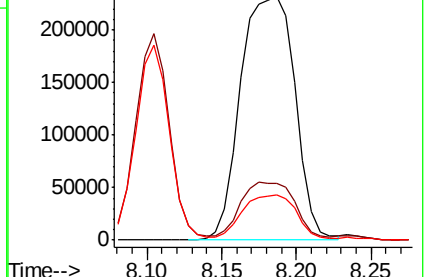
79 18.6 0.0 38.1

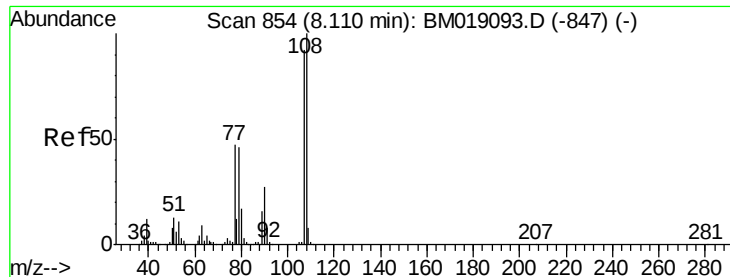


Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-859) (-)

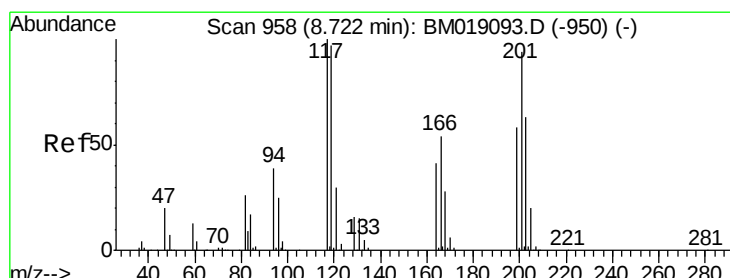
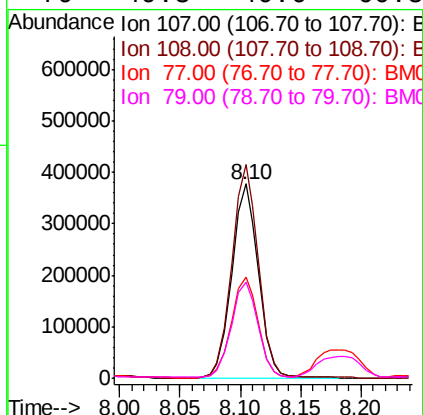
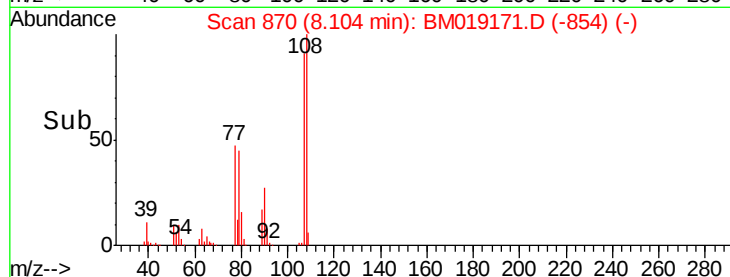
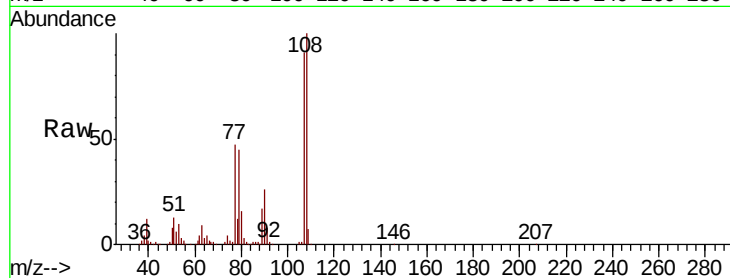




#17
2-Methylphenol
Concen: 45.634 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

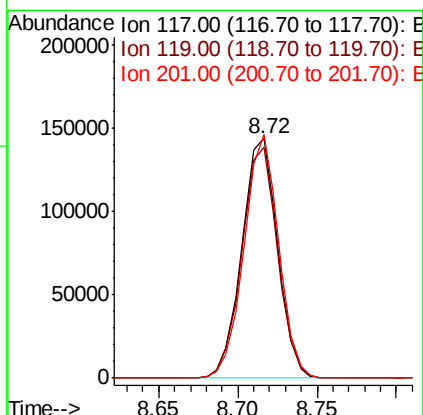
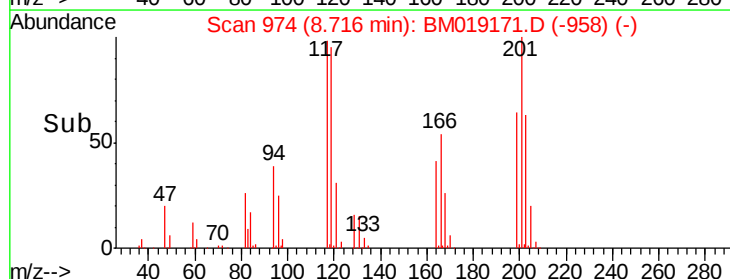
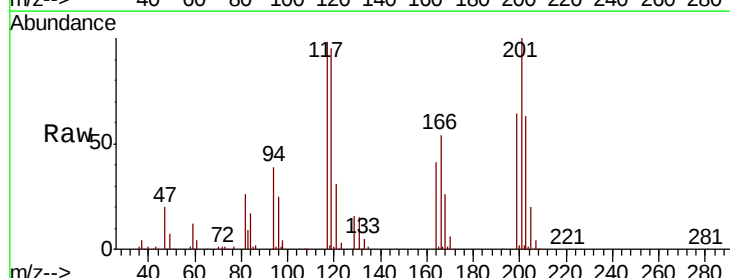
Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

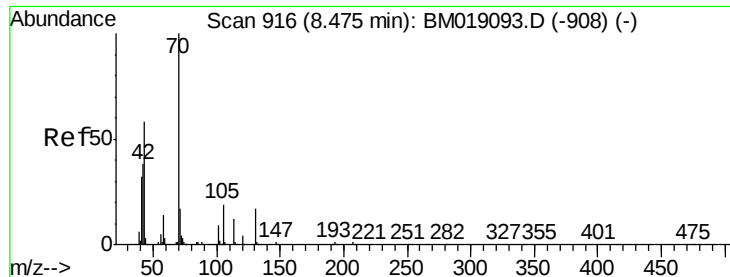
Tot Ion:	107	Resp:	574825
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.4	131.2
77	52.3	41.6	62.4
79	49.3	40.6	60.8



#18
Hexachloroethane
Concen: 38.042 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:	117	Resp:	224734
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
201	101.6	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.116 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion: 70 Resp: 605017

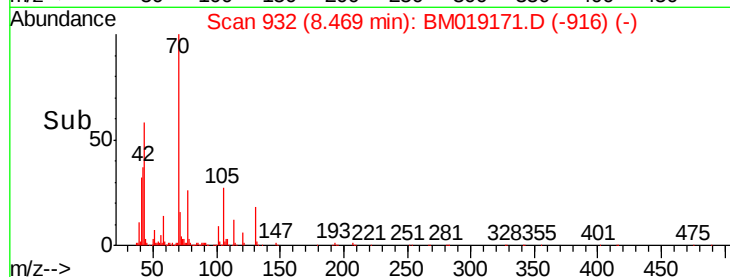
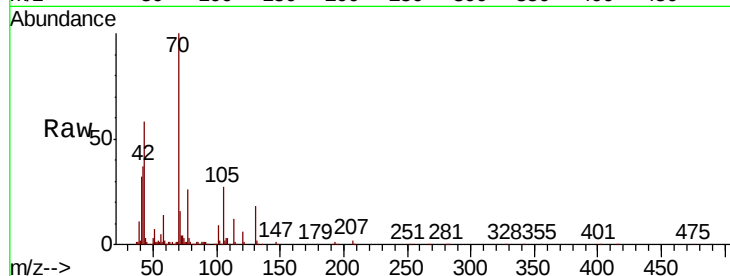
Ion	Ratio	Lower	Upper
70	100		
42	37.1	30.6	45.8
101	8.6	6.8	10.2
130	18.1	13.9	20.9

70 100

42 37.1 30.6 45.8

101 8.6 6.8 10.2

130 18.1 13.9 20.9

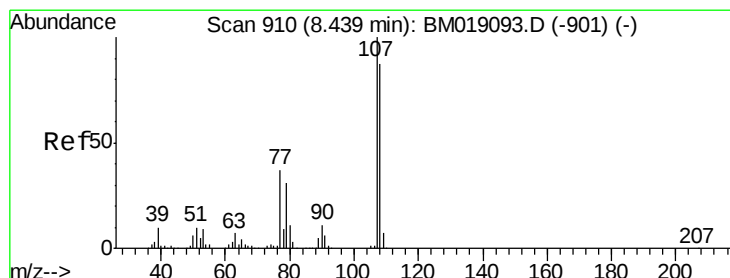
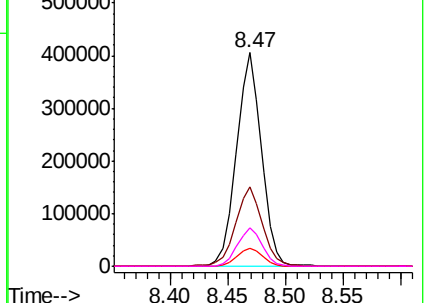


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 46.884 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:107 Resp: 801623

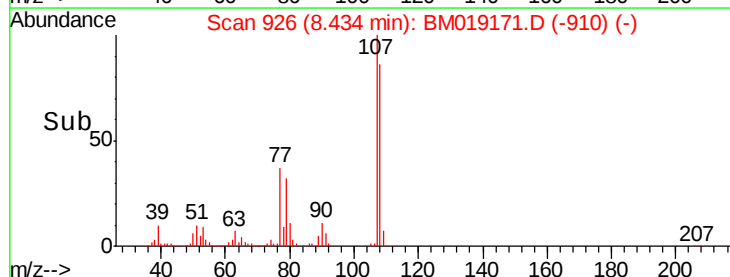
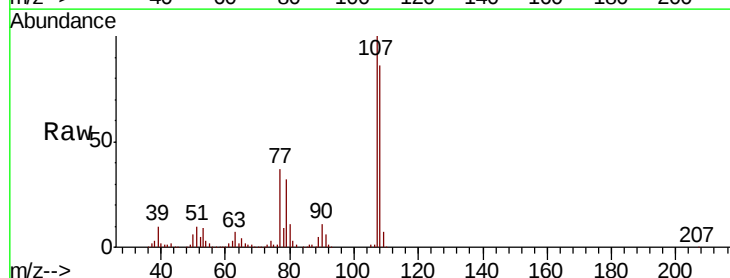
Ion	Ratio	Lower	Upper
107	100		
108	86.2	67.0	107.0
77	37.1	17.3	57.3
79	32.3	11.6	51.6

107 100

108 86.2 67.0 107.0

77 37.1 17.3 57.3

79 32.3 11.6 51.6

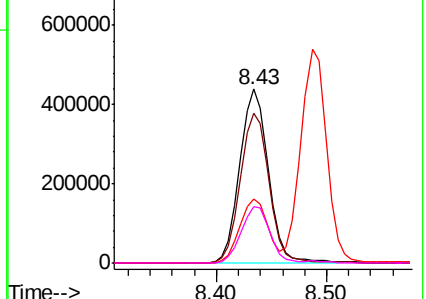


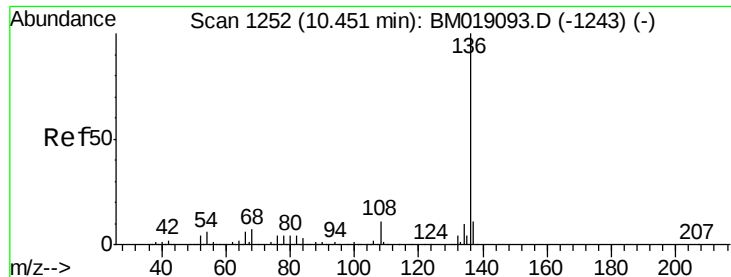
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

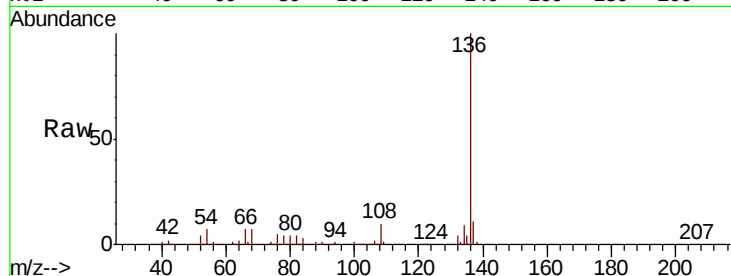




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion:136	Resp: 901113
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 6.7	5.2 7.8
68 7.2	5.8 8.8



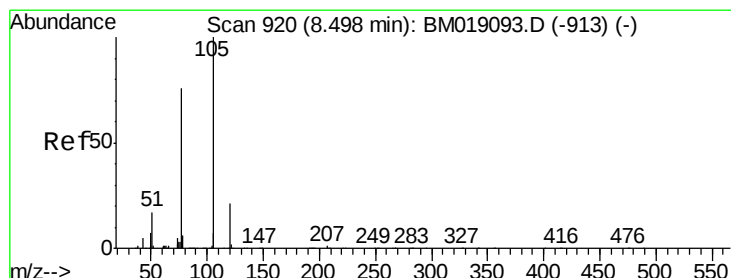
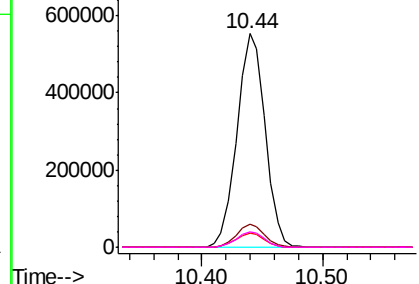
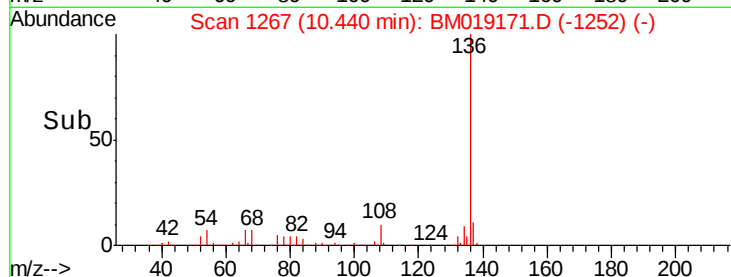
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

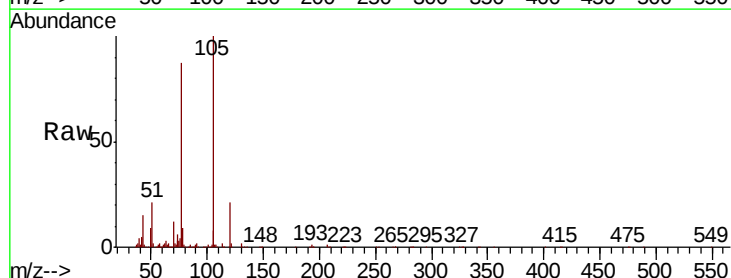
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.453 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt	Ion:105	Resp:	982493
Ion	Ratio	Lower	Upper
105	100		
71	1.9	0.8	1.2#
51	20.7	15.8	23.6
120	20.8	17.0	25.4



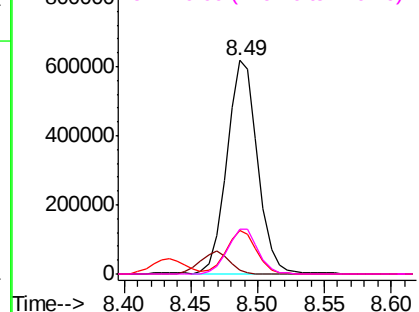
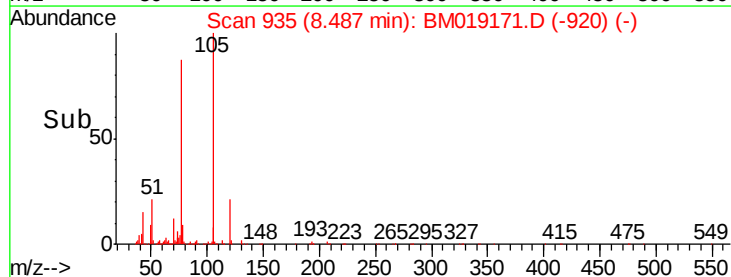
Abundance

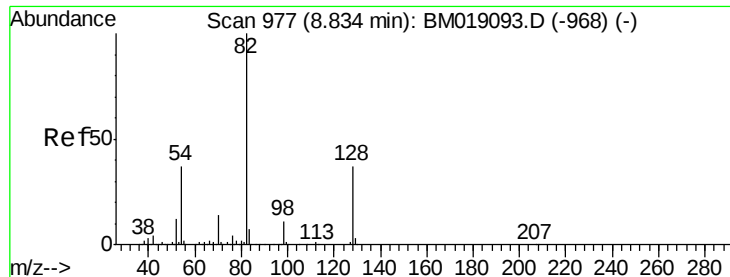
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.118 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

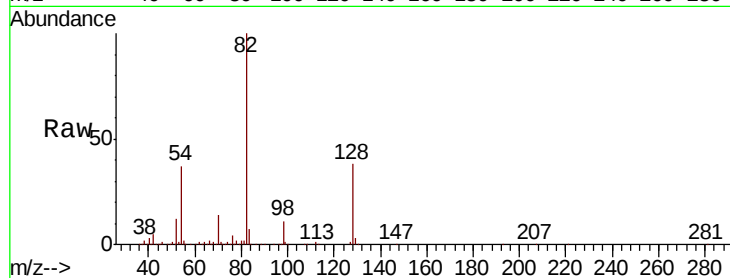
Tot Ion: 82 Resp: 1584481

Ion Ratio Lower Upper

82 100

128 37.7 29.4 44.2

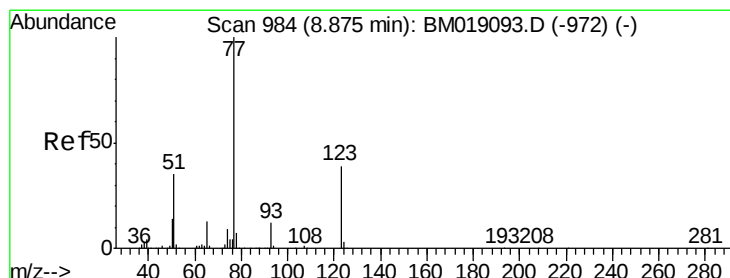
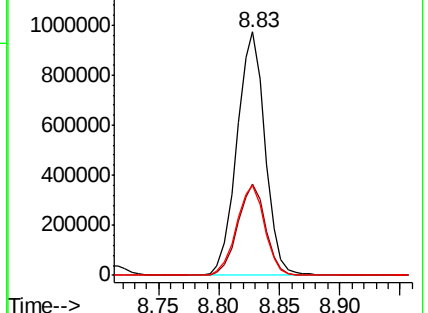
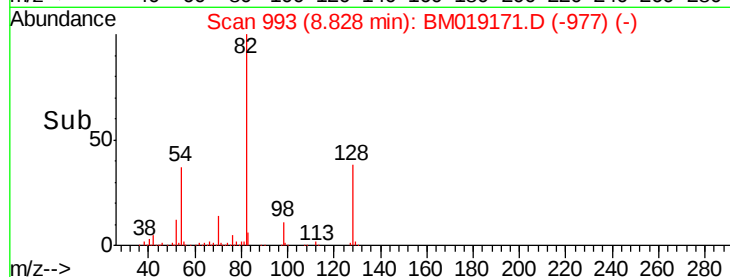
54 37.0 29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019171.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM019171.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM019171.D (-977) (-)



#24

Nitrobenzene

Concen: 41.759 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

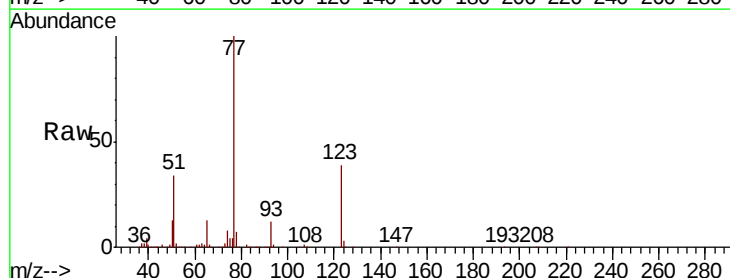
Tgt Ion: 77 Resp: 827902

Ion Ratio Lower Upper

77 100

123 38.8 31.3 46.9

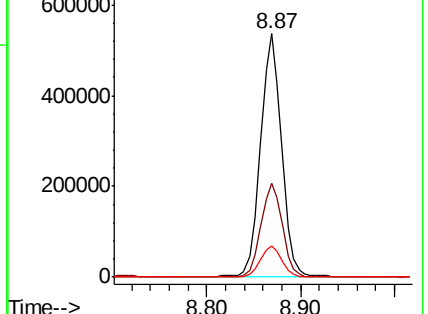
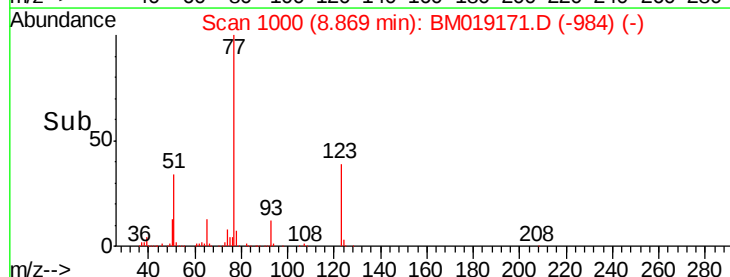
65 12.9 10.5 15.7

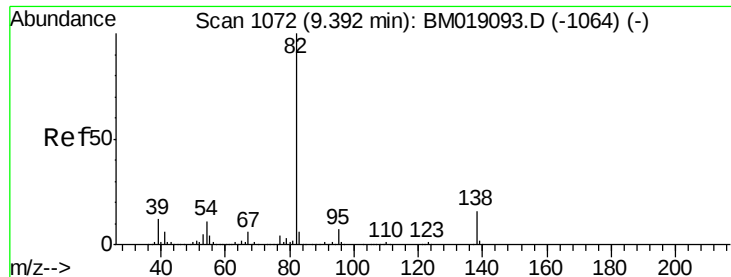


Abundance Ion 77.00 (76.70 to 77.70): BM019171.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM019171.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM019171.D (-984) (-)





#25

Isophorone

Concen: 43.043 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

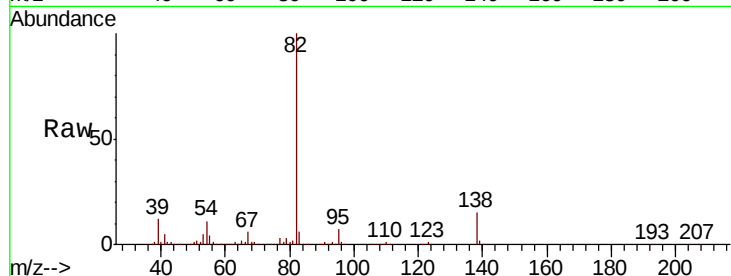
Tot Ion: 82 Resp: 1565699

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

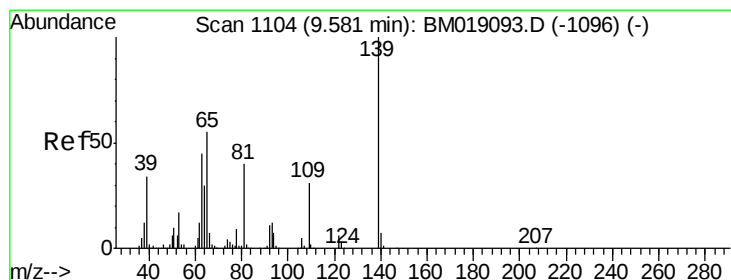
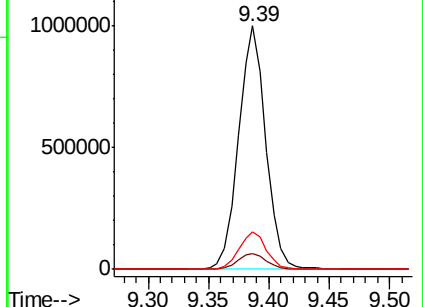
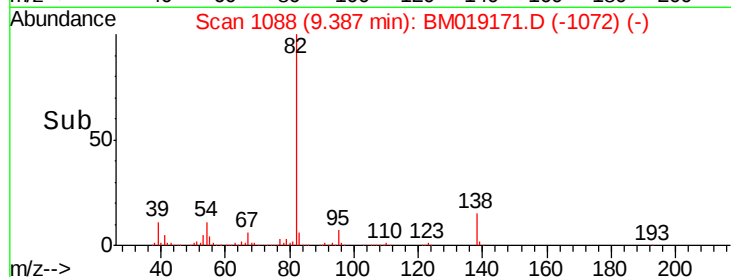
138 15.4 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019171.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM019171.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM019171.D (-1072) (-)



#26

2-Nitrophenol

Concen: 43.610 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

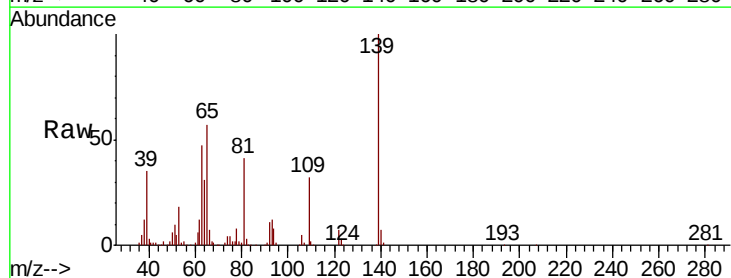
Tgt Ion: 139 Resp: 358386

Ion Ratio Lower Upper

139 100

109 32.1 24.5 36.7

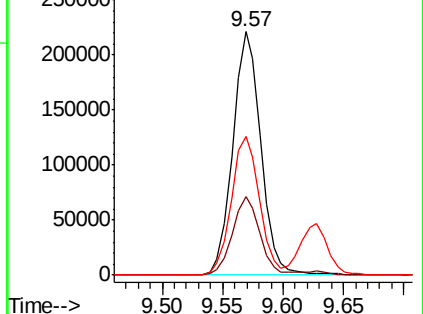
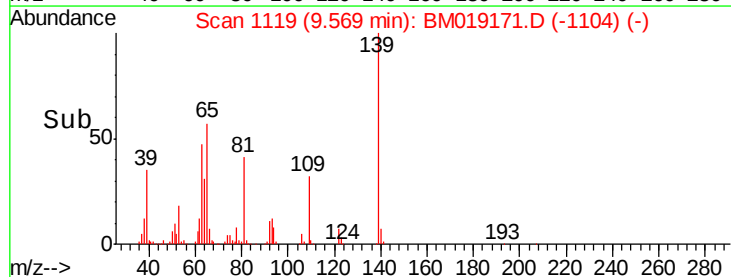
65 56.8 44.4 66.6

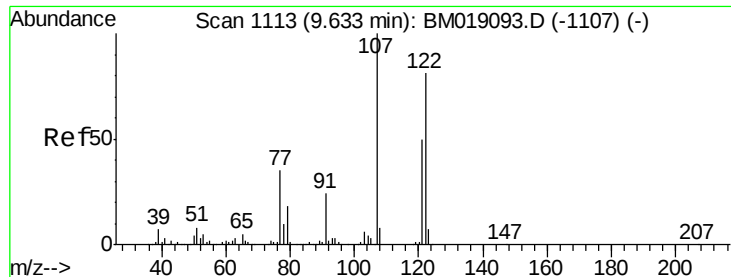


Abundance Ion 139.00 (138.70 to 139.70): BM019171.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM019171.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM019171.D (-1104) (-)

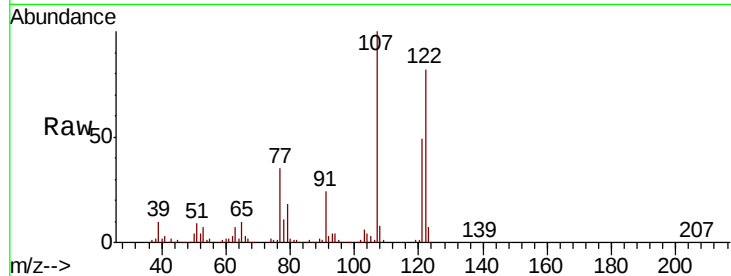




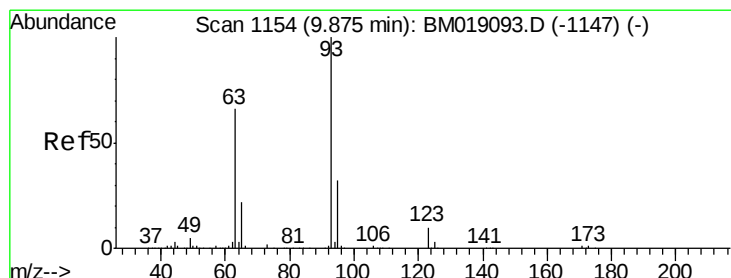
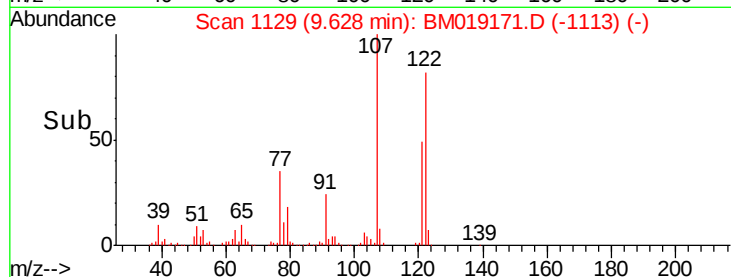
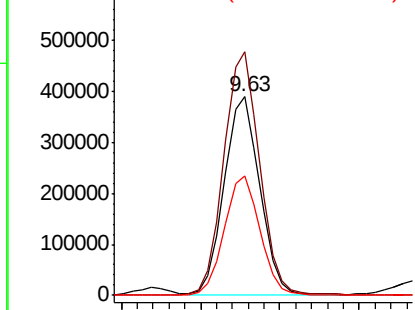
#27
2,4-Dimethylphenol
Concen: 49.383 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion:122 Resp: 603331
Ion Ratio Lower Upper
122 100
107 122.5 98.2 147.4
121 60.0 48.8 73.2

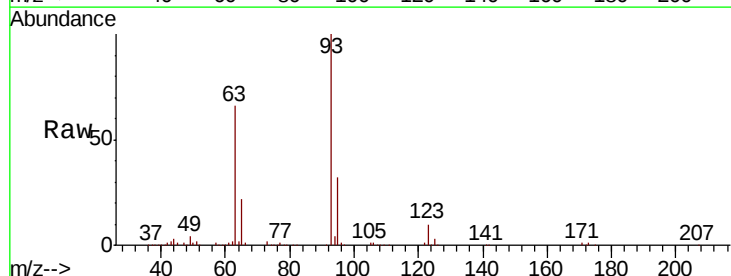


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

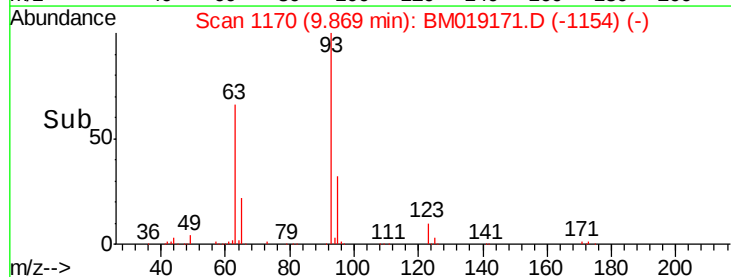
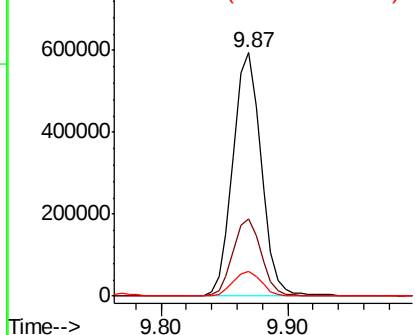


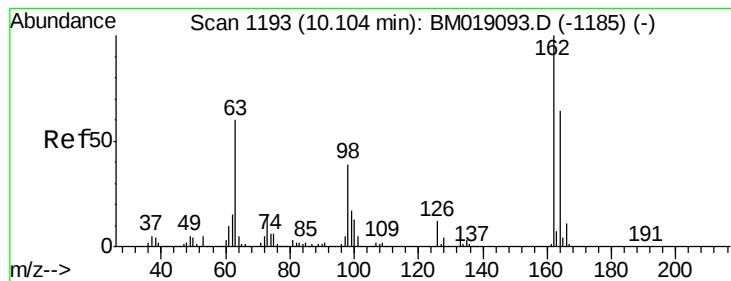
#28
bis(2-Chloroethoxy)methane
Concen: 42.670 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion: 93 Resp: 919047
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.8
123 10.3 7.9 11.9



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.428 ng

RT: 10.10 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

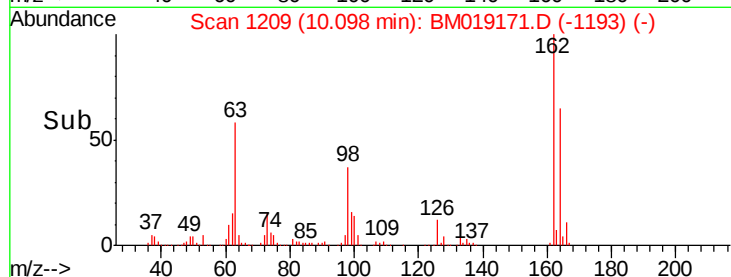
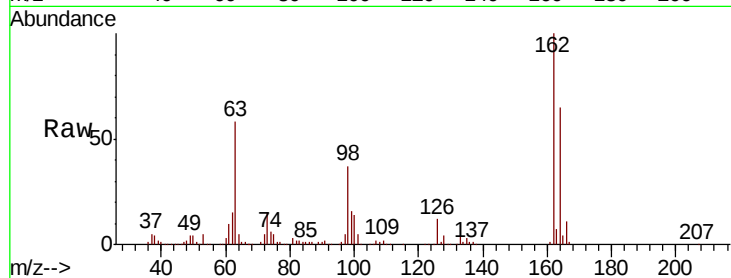
Tot Ion:162 Resp: 668807

Ion Ratio Lower Upper

162 100

164 64.7 43.5 83.5

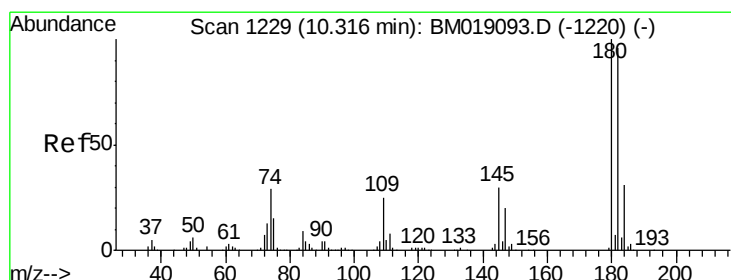
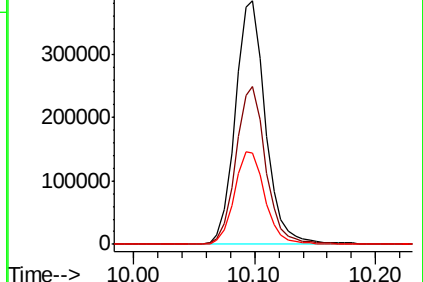
98 37.4 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 41.325 ng

RT: 10.30 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

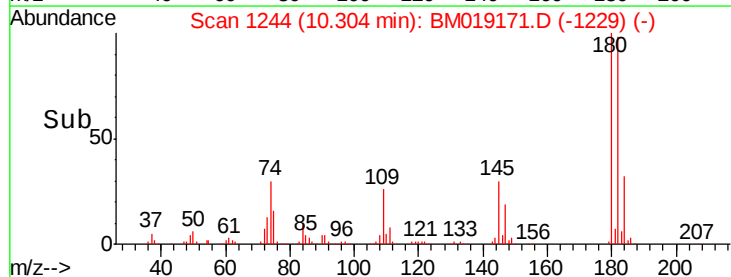
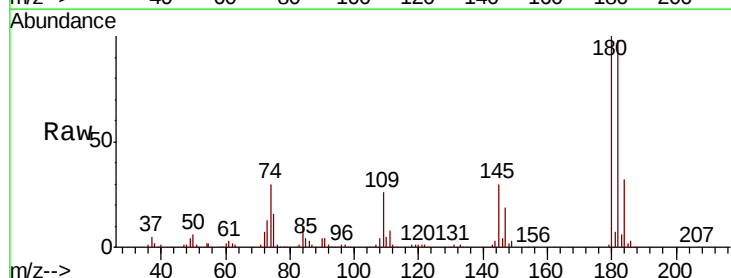
Tgt Ion:180 Resp: 630511

Ion Ratio Lower Upper

180 100

182 97.7 76.6 114.8

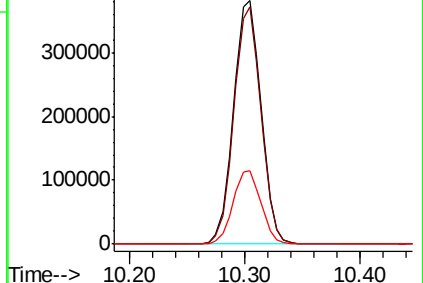
145 30.2 24.3 36.5

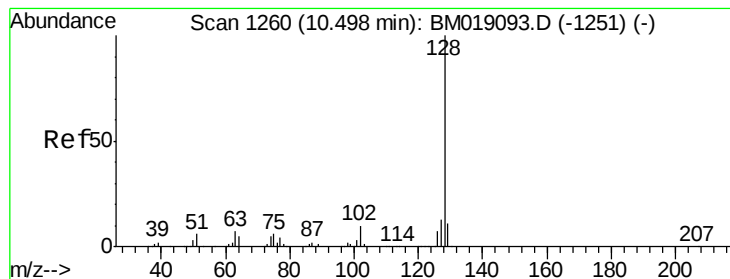


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.281 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

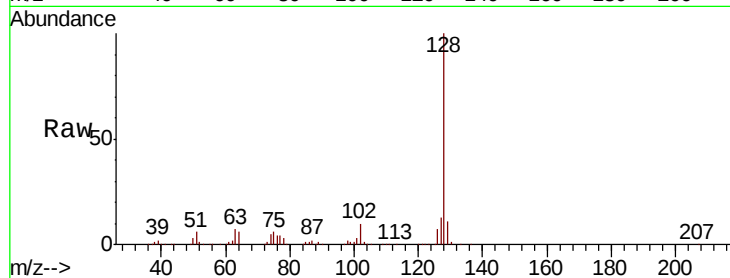
Tot Ion:128 Resp: 1960658

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.3 10.4 15.6

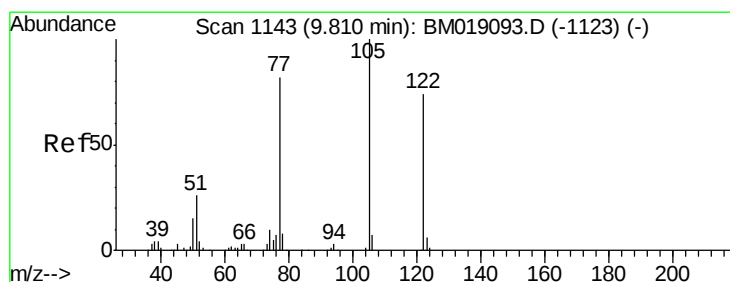
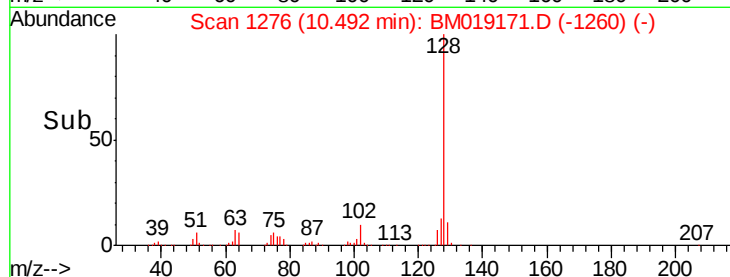
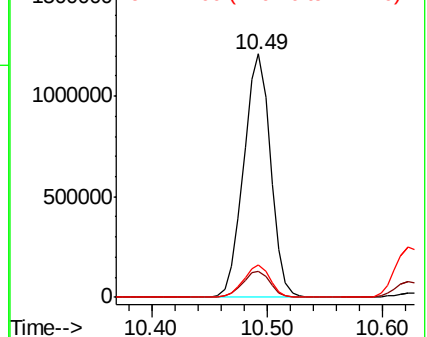


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.826 ng

RT: 9.77 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

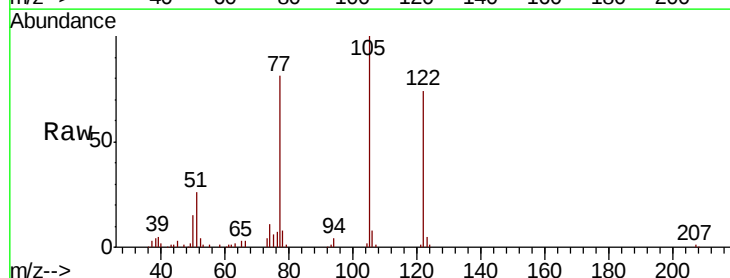
Tgt Ion:122 Resp: 184445

Ion Ratio Lower Upper

122 100

105 136.0 113.0 153.0

77 110.0 90.1 130.1

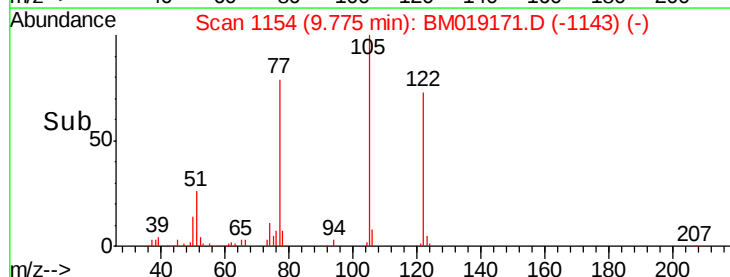
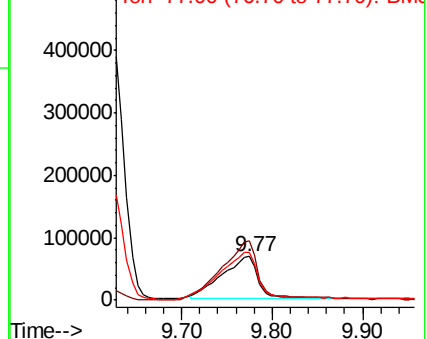


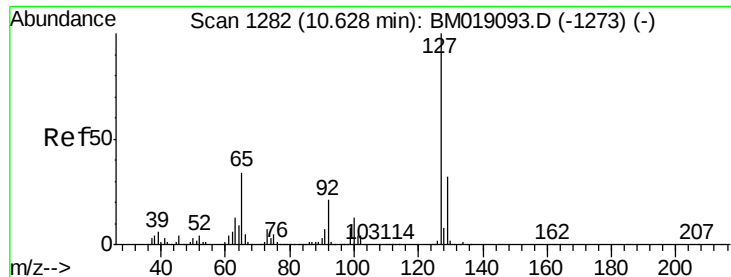
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

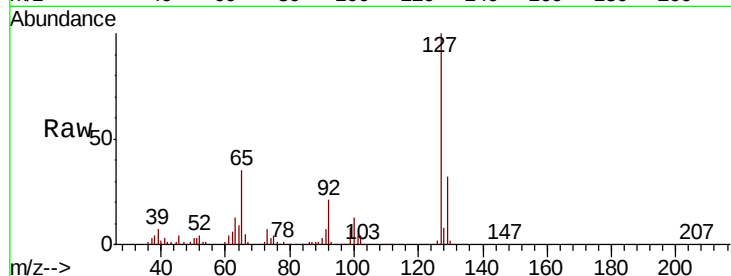




#33
4-Chloroaniline
Concen: 24.988 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion:	127	Resp:	486509
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.3	37.9
65	35.0	27.4	41.2
92	21.1	16.8	25.2



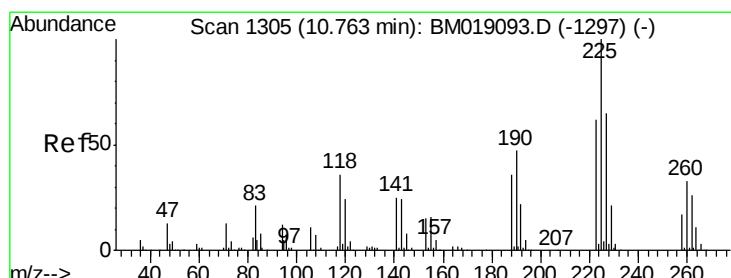
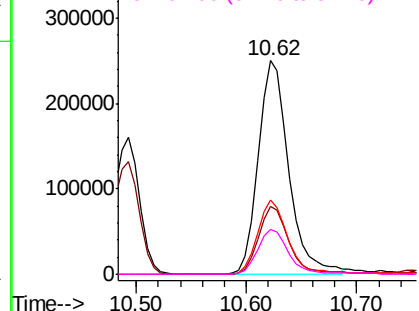
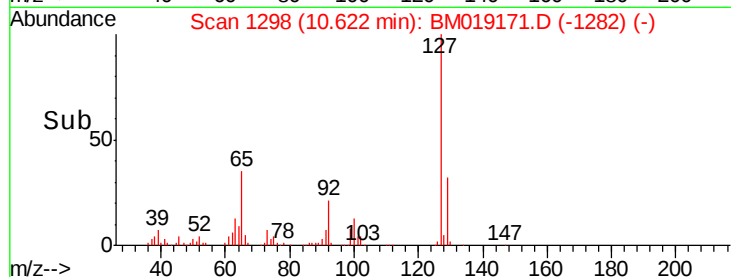
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

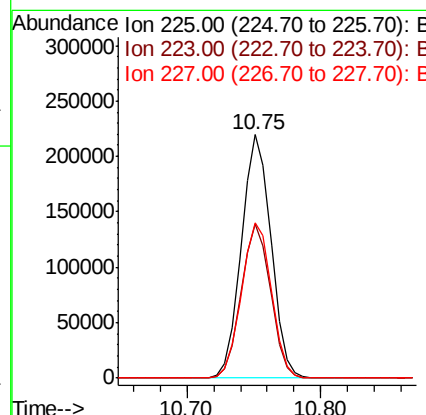
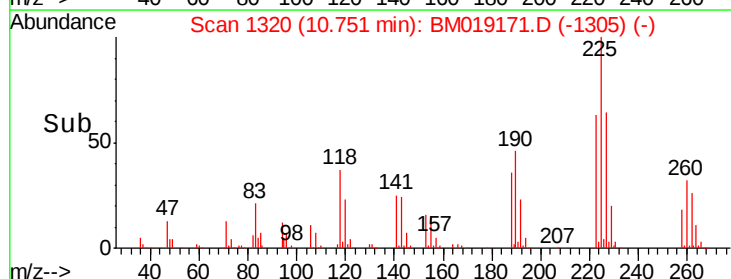
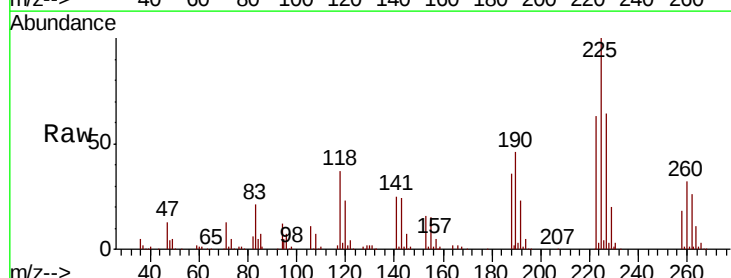
Ion 65.00 (64.70 to 65.70): BM

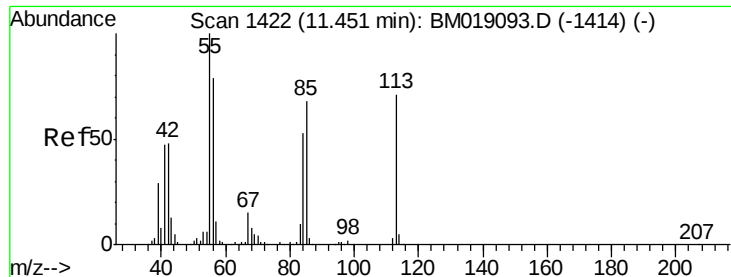
Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.336 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:	225	Resp:	335654
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.0
227	63.9	51.6	77.4

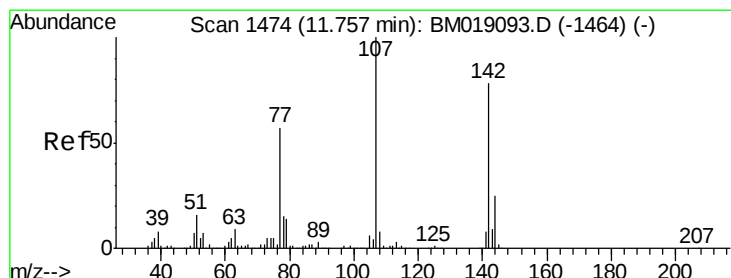
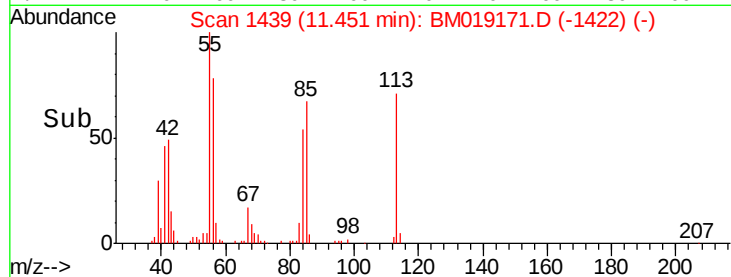
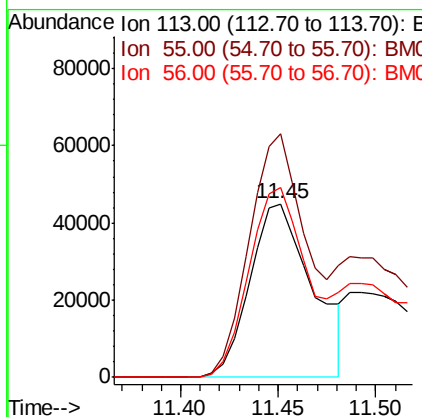
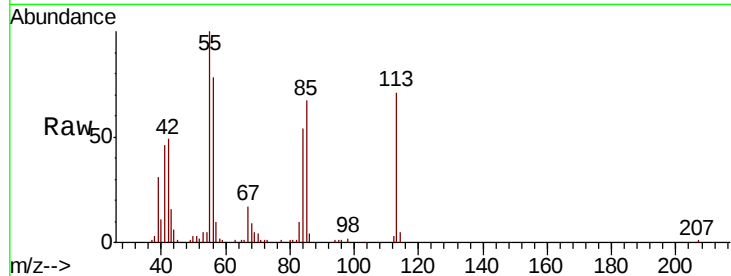




#35
 Caprolactam
 Concen: 20.708 ng
 RT: 11.45 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

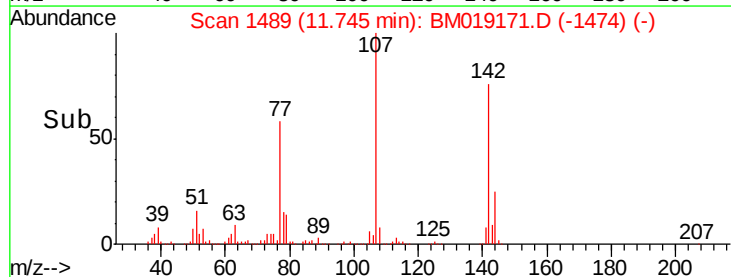
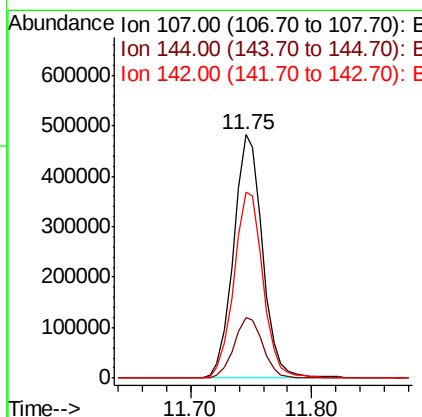
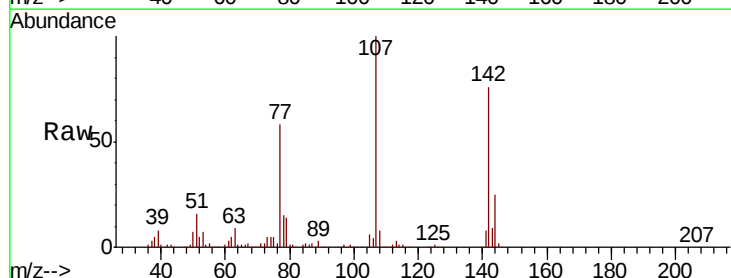
Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

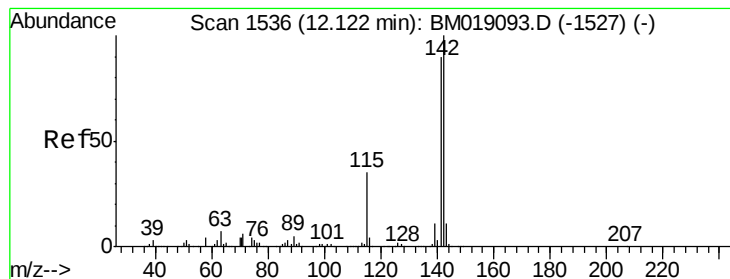
Tot Ion:113 Resp: 99812
 Ion Ratio Lower Upper
 113 100
 55 140.5 120.1 160.1
 56 109.7 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.257 ng
 RT: 11.75 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion:107 Resp: 805672
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.2 30.4
 142 76.3 62.4 93.6





#37

2-Methylnaphthalene

Concen: 44.518 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

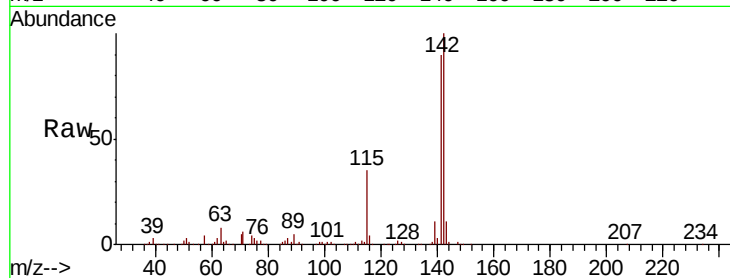
Tot Ion:142 Resp: 1536481

Ion Ratio Lower Upper

142 100

141 90.2 72.3 108.5

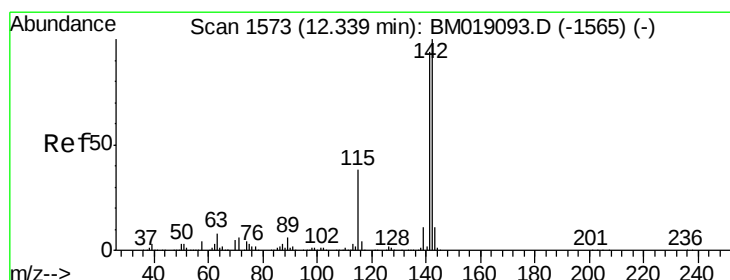
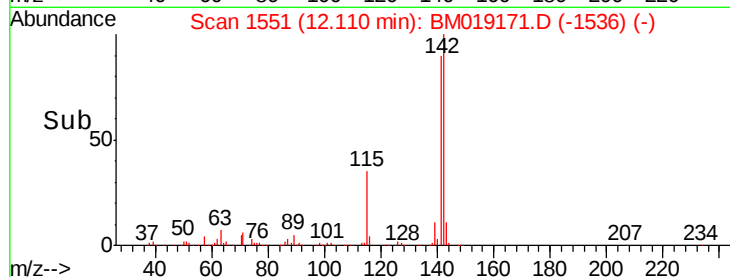
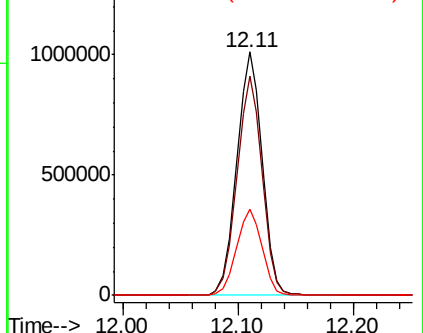
115 35.4 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.720 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

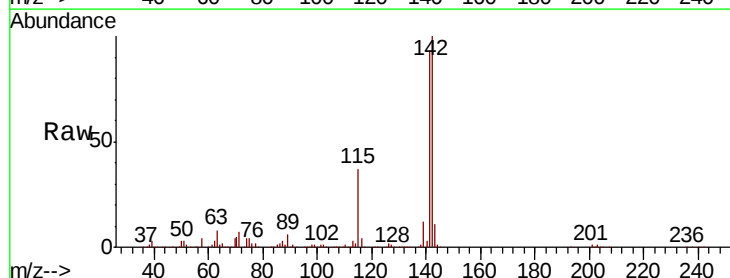
Tgt Ion:142 Resp: 1453285

Ion Ratio Lower Upper

142 100

141 93.5 74.9 112.3

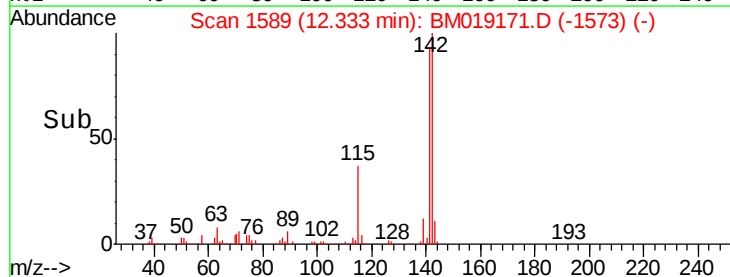
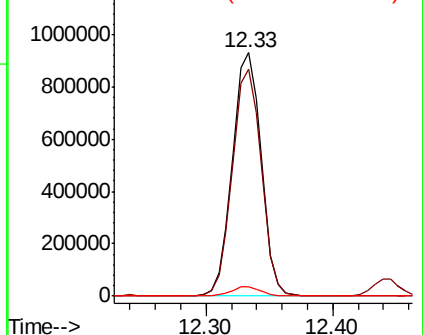
116 3.9 3.2 4.8

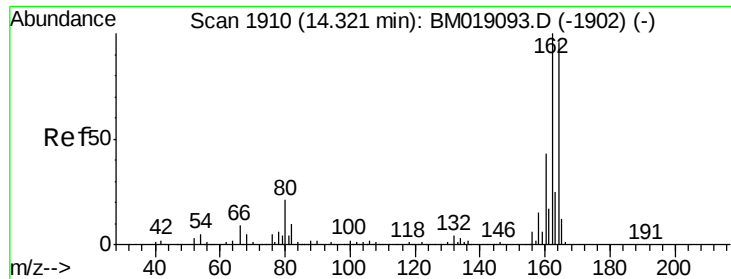


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

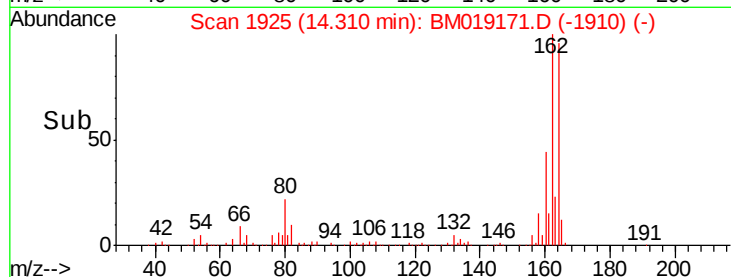
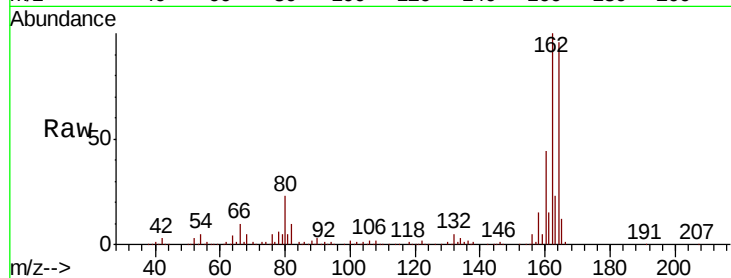
Tot Ion:164 Resp: 574174

Ion Ratio Lower Upper

164 100

162 104.6 83.5 125.3

160 46.0 36.3 54.5

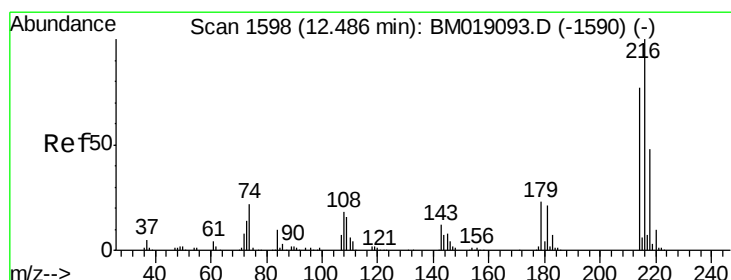
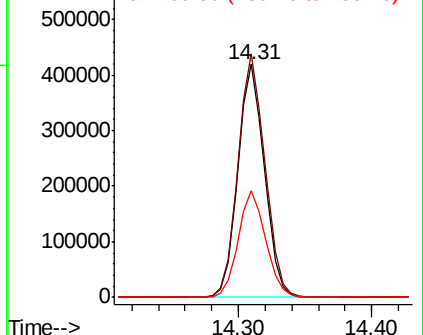


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.213 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:216 Resp: 730366

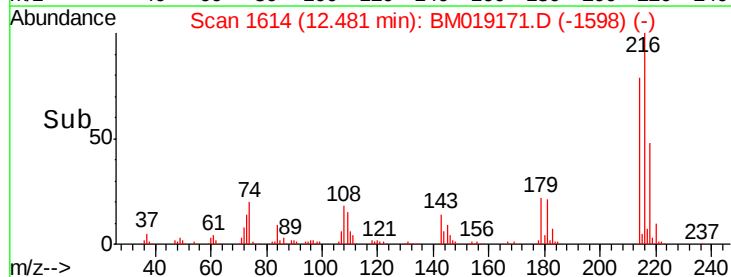
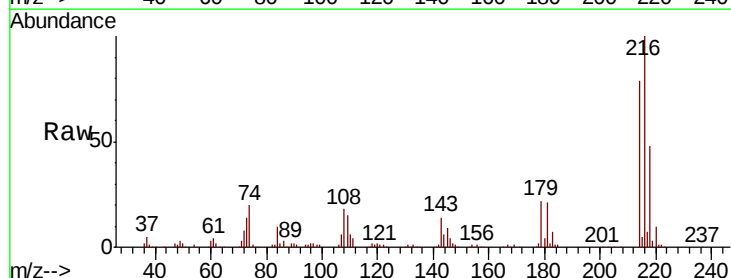
Ion Ratio Lower Upper

216 100

214 78.8 62.9 94.3

179 22.3 18.0 27.0

108 19.0 16.2 24.4



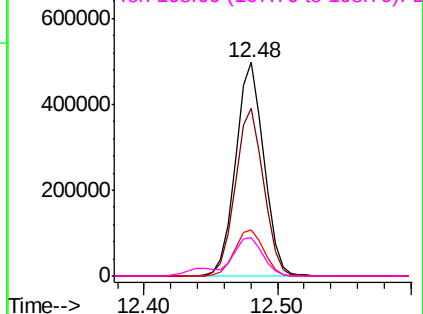
Abundance

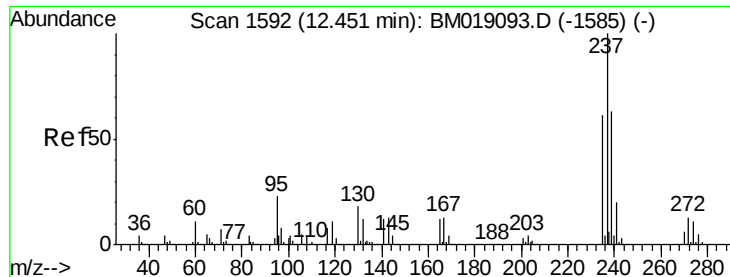
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.443 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

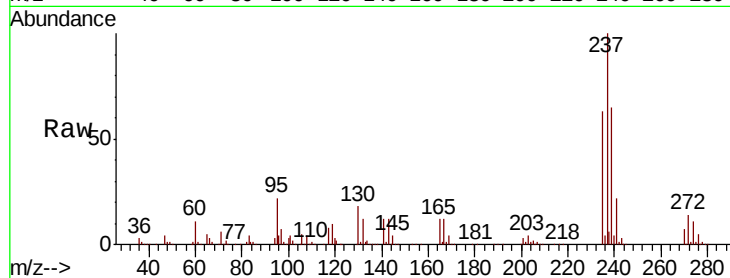
Tot Ion:237 Resp: 801657

Ion Ratio Lower Upper

237 100

235 62.6 41.3 81.3

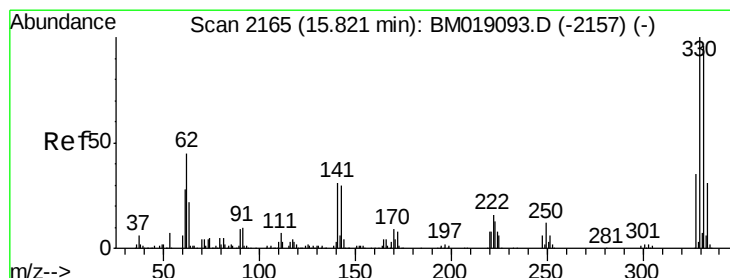
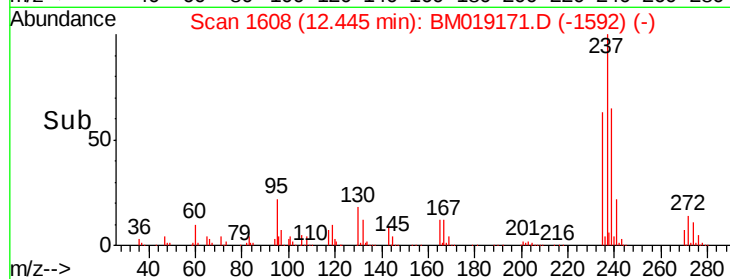
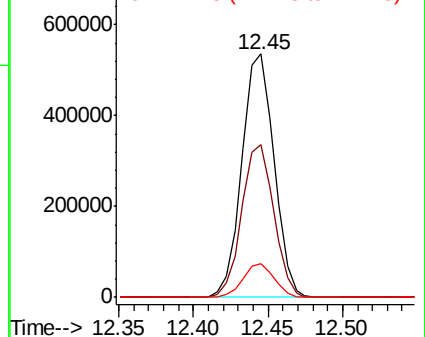
272 13.6 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.330 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

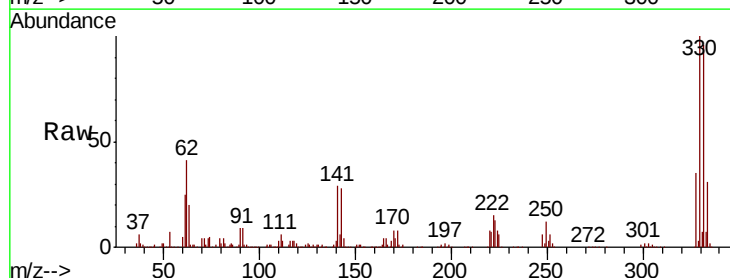
Tgt Ion:330 Resp: 1138777

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

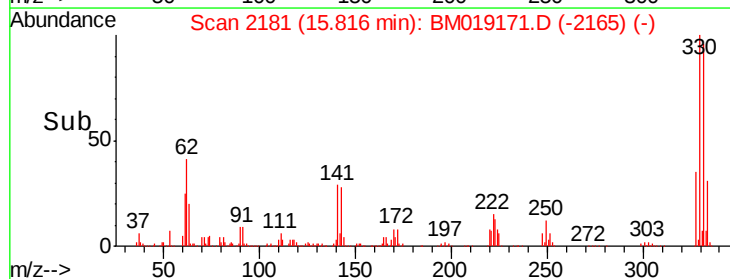
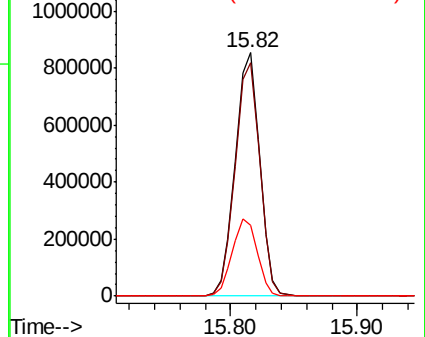
141 32.7 27.0 40.4

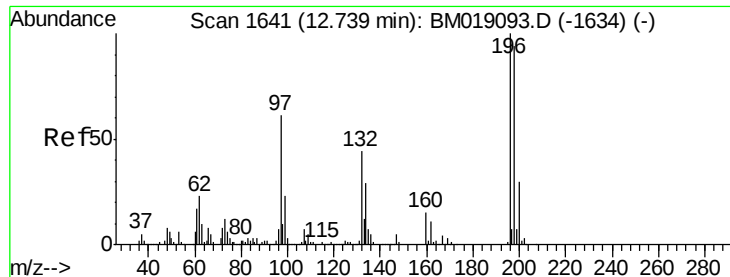


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

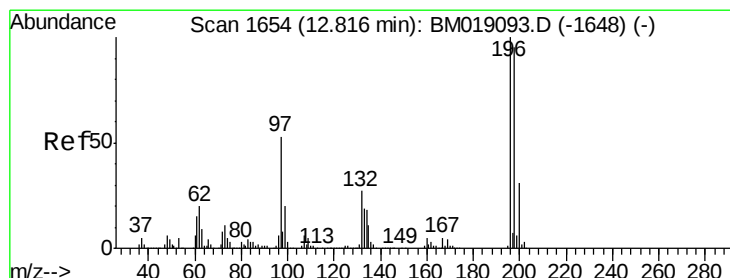
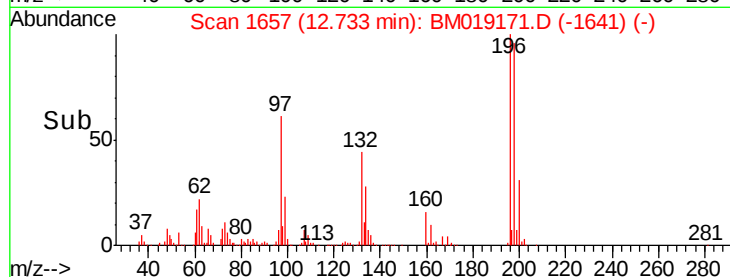
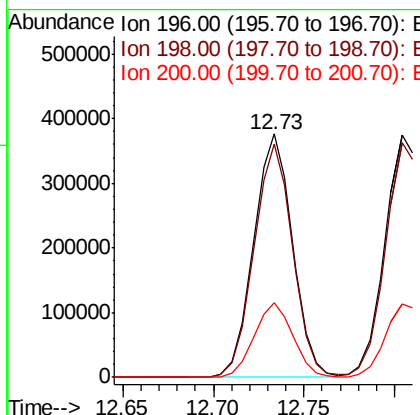
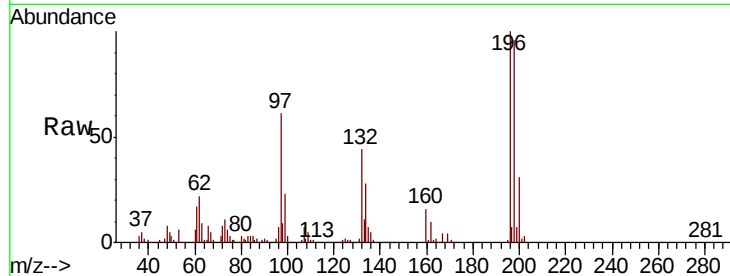




#43
 2,4,6-Trichlorophenol
 Concen: 47.662 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

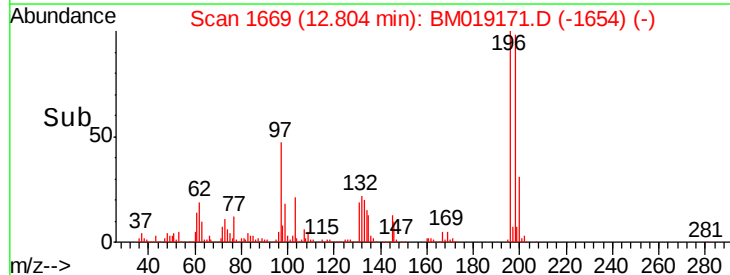
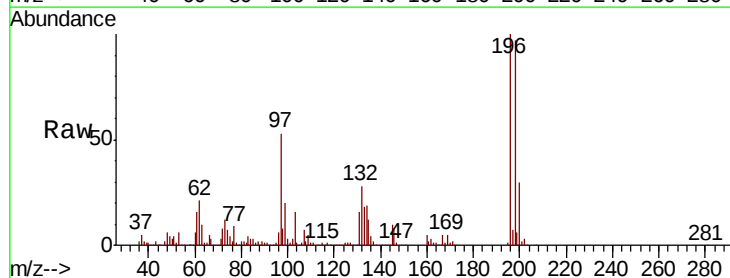
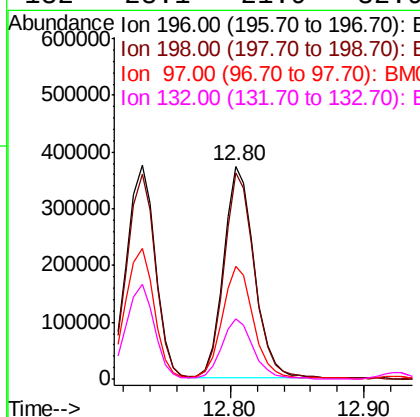
Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

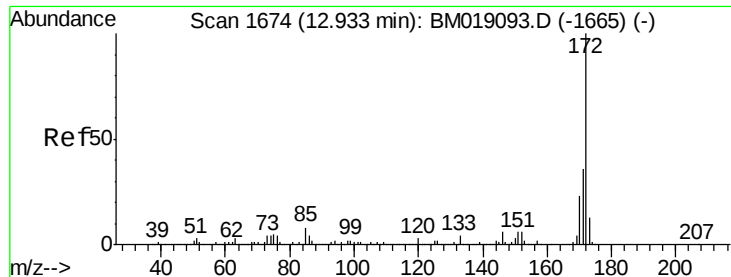
Tot Ion:196 Resp: 559426
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.4 113.0
 200 30.5 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.799 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion:196 Resp: 599937
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.9 113.9
 97 53.1 42.5 63.7
 132 28.1 21.9 32.9

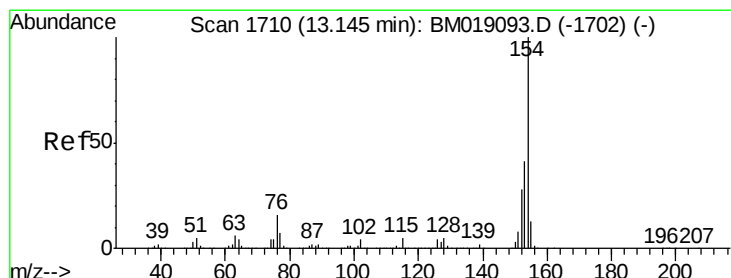
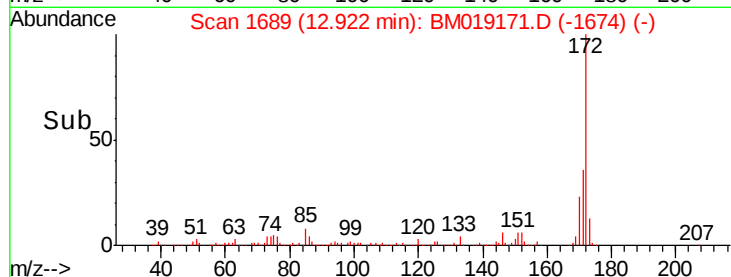
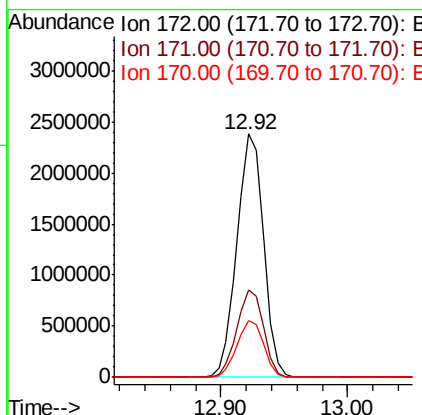
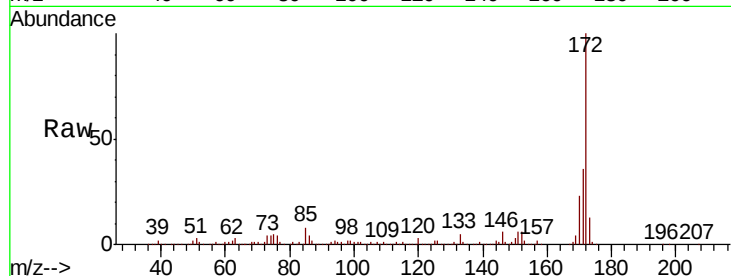




#45
2-Fluorobiphenyl
Concen: 78.378 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

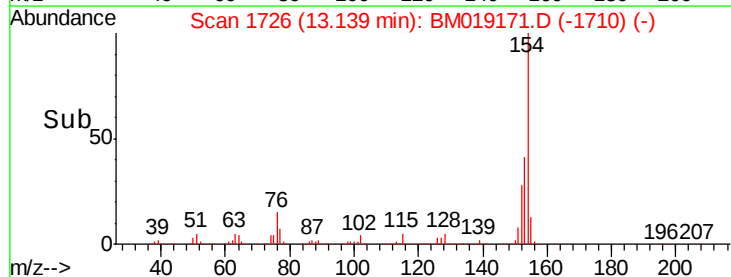
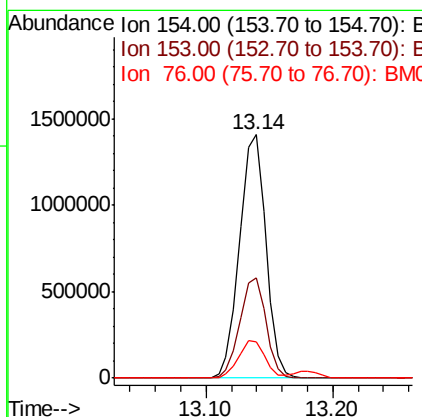
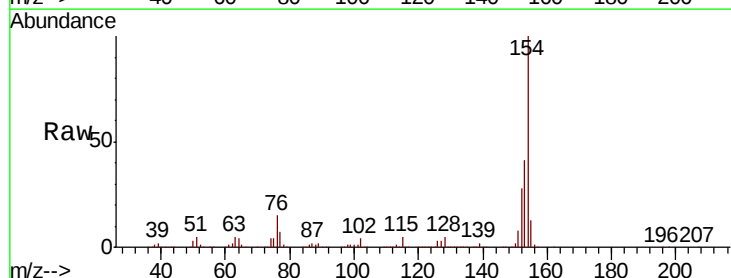
Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

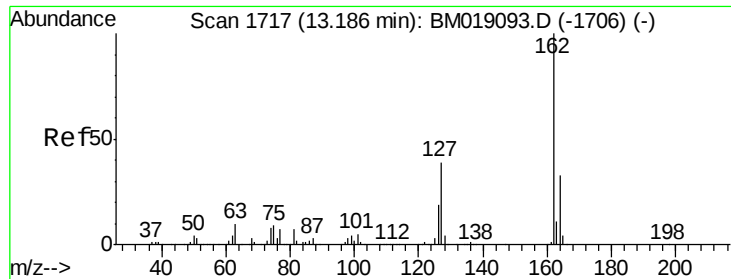
Tot Ion:172 Resp: 3459703
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.449 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:154 Resp: 2028239
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 15.0 0.0 35.8

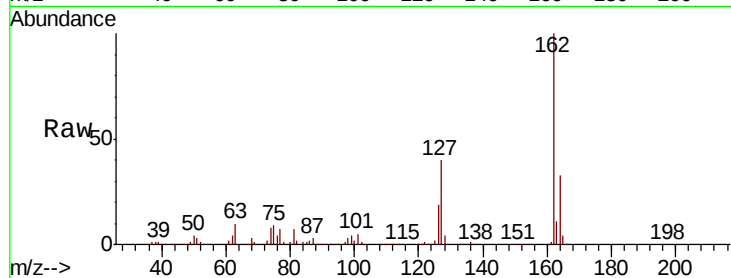




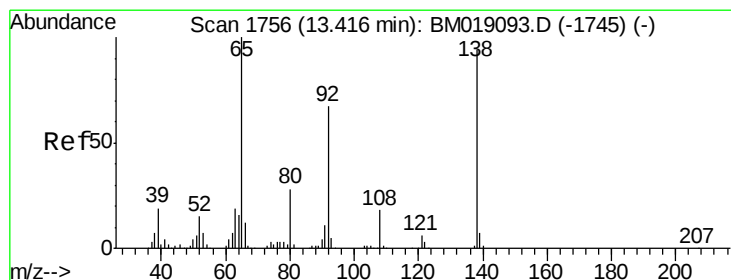
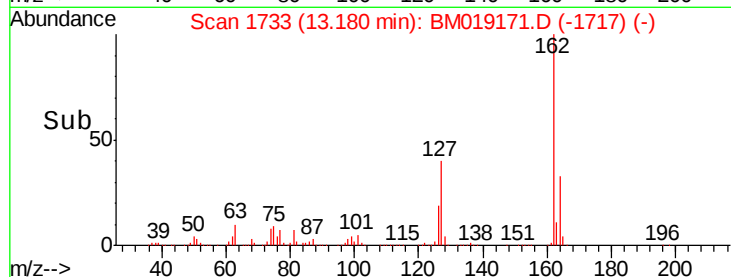
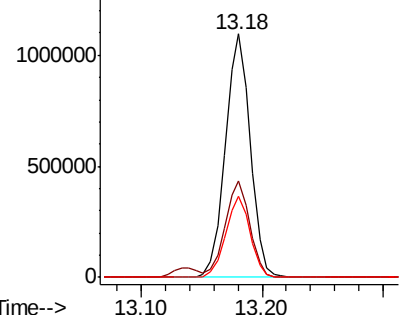
#47
2-Chloronaphthalene
Concen: 42.194 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion: 162 Resp: 1579277
Ion Ratio Lower Upper
162 100
127 39.5 31.2 46.8
164 33.2 26.3 39.5

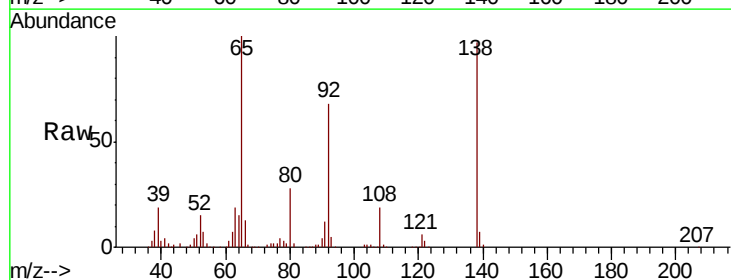


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

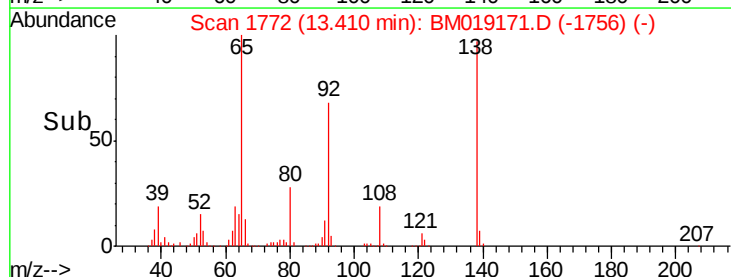
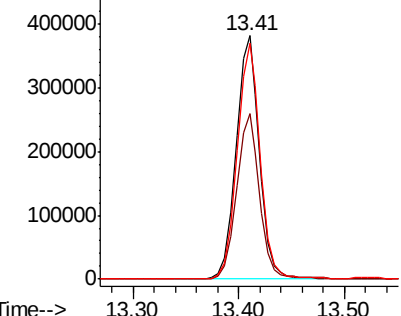


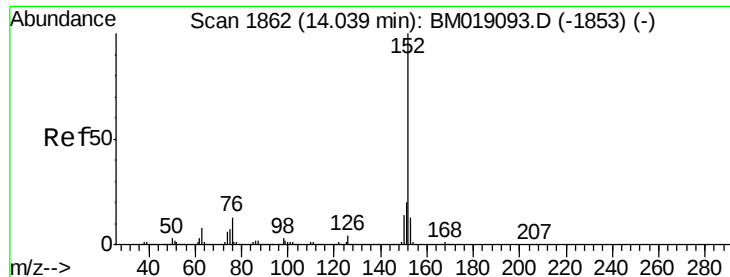
#48
2-Nitroaniline
Concen: 46.519 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion: 65 Resp: 583931
Ion Ratio Lower Upper
65 100
92 67.8 53.4 80.2
138 97.1 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
500000 Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.822 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

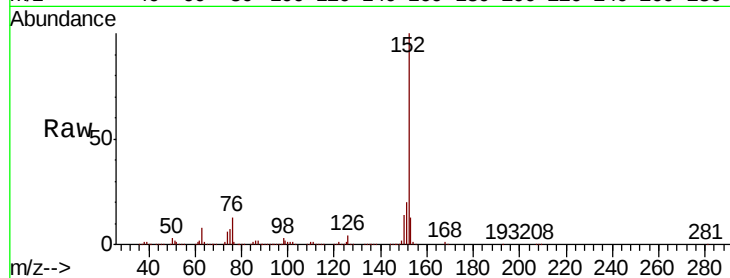
Tot Ion:152 Resp: 2646752

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

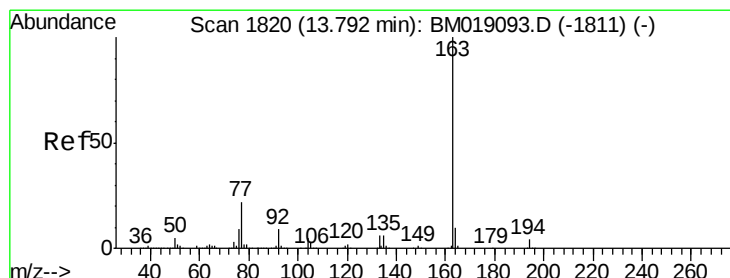
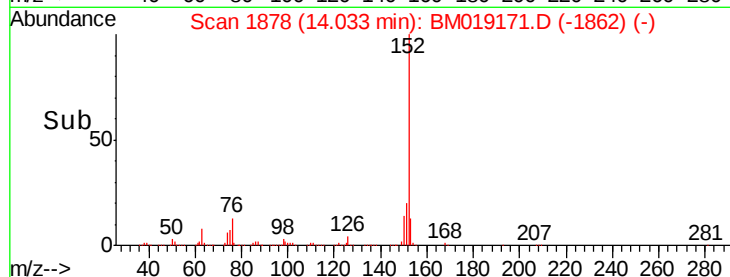
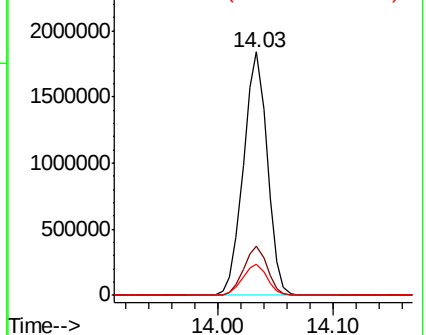
153 13.0 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.999 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

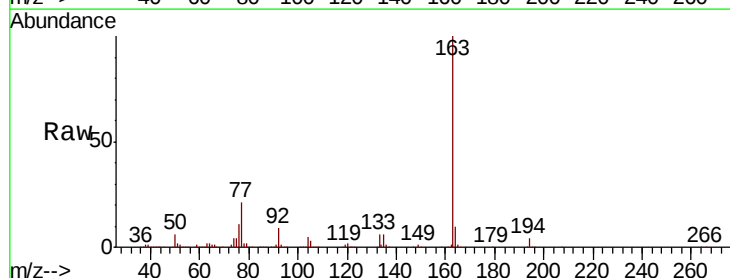
Tgt Ion:163 Resp: 2455832

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

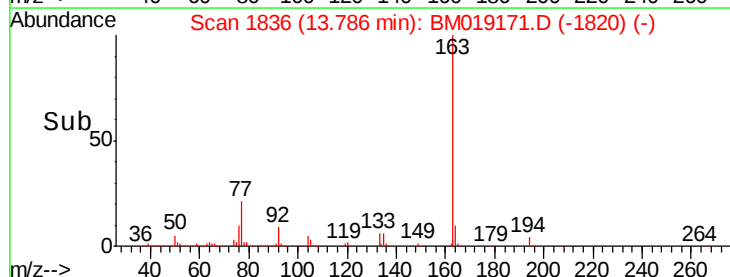
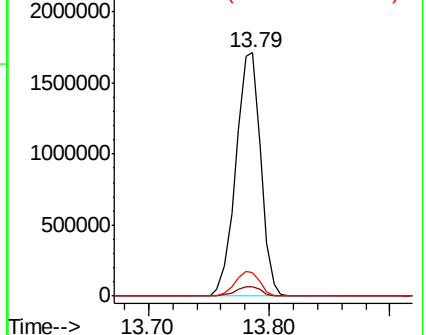
164 9.7 7.7 11.5

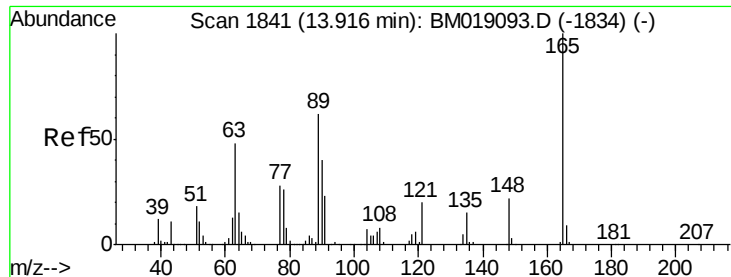


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

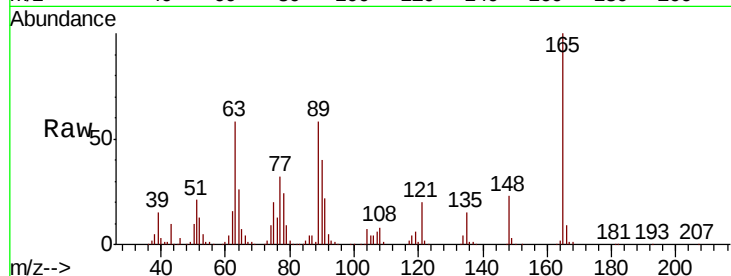




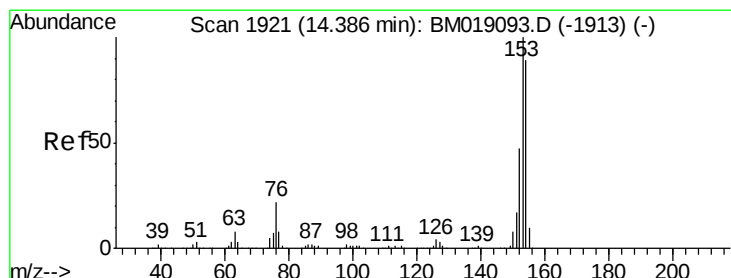
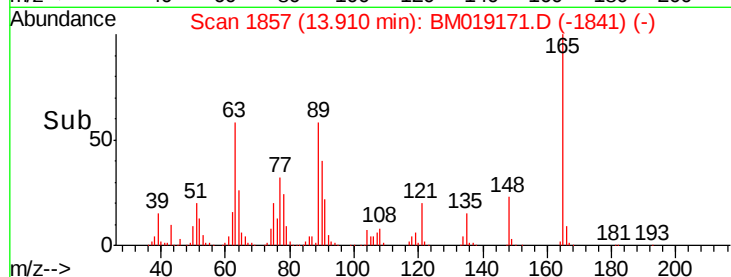
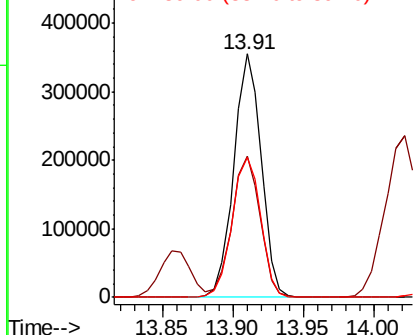
#51
2,6-Dinitrotoluene
Concen: 45.153 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion:165 Resp: 479425
Ion Ratio Lower Upper
165 100
63 57.9 48.2 72.4
89 57.7 49.3 73.9

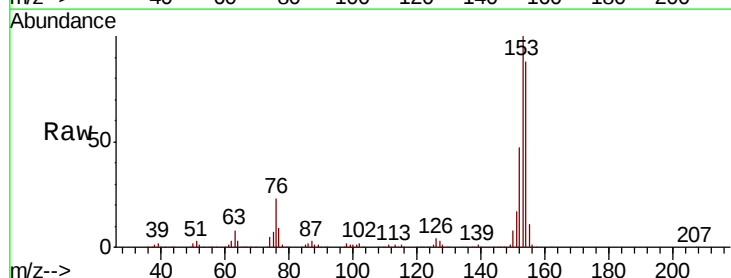


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

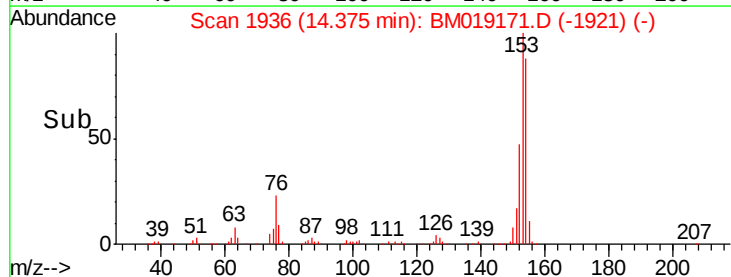
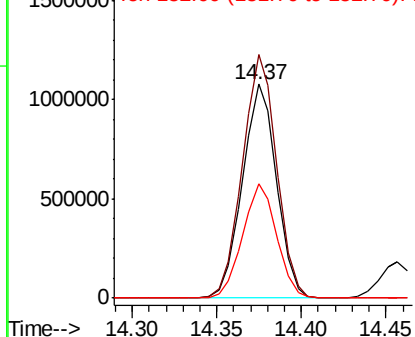


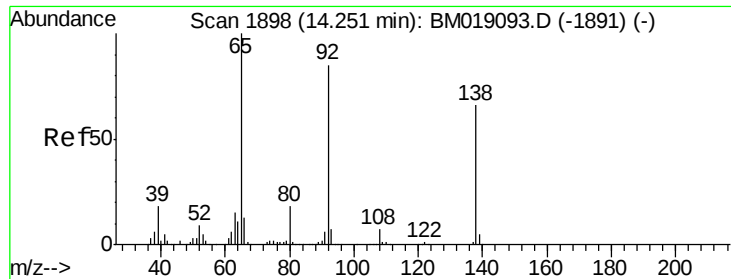
#52
Acenaphthene
Concen: 41.737 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:154 Resp: 1517763
Ion Ratio Lower Upper
154 100
153 113.9 90.1 135.1
152 53.5 42.5 63.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

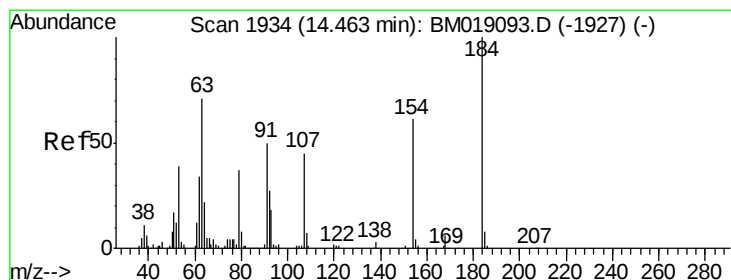
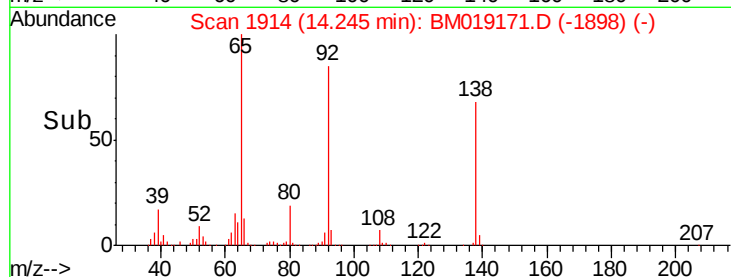
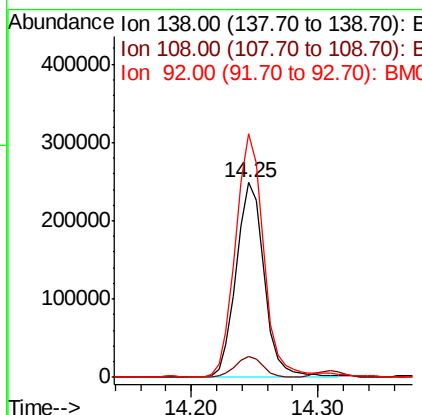
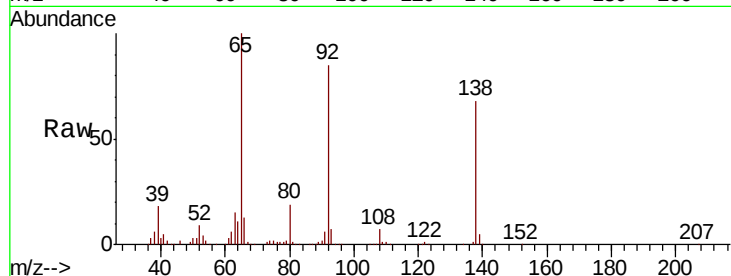




#53
3-Nitroaniline
Concen: 34.017 ng
RT: 14.25 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

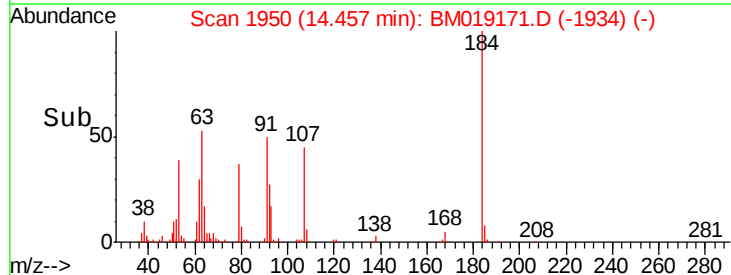
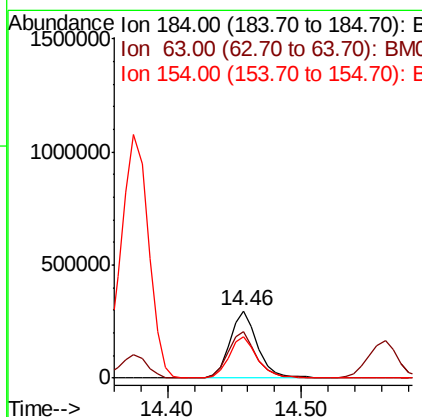
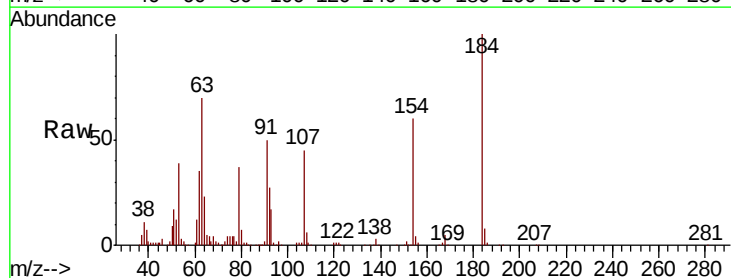
Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

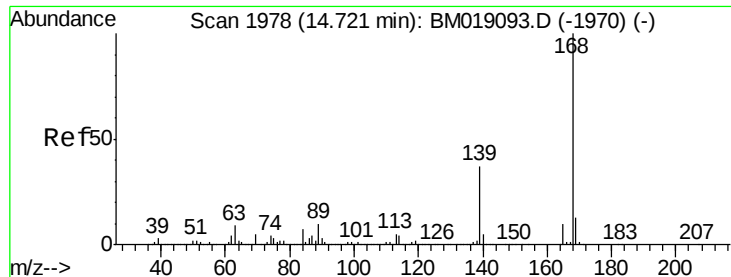
Tot Ion:138 Resp: 382549
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 125.1 102.6 153.8



#54
2,4-Dinitrophenol
Concen: 70.504 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:184 Resp: 434751
Ion Ratio Lower Upper
184 100
63 69.8 56.7 85.1
154 60.5 49.3 73.9

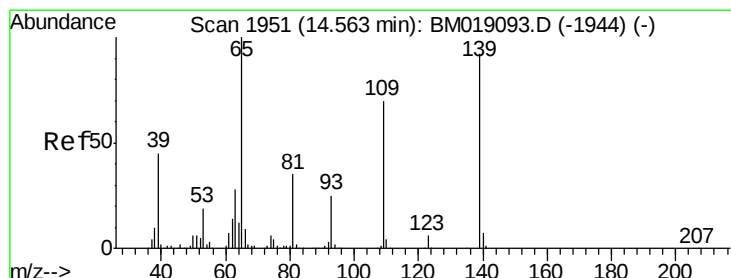
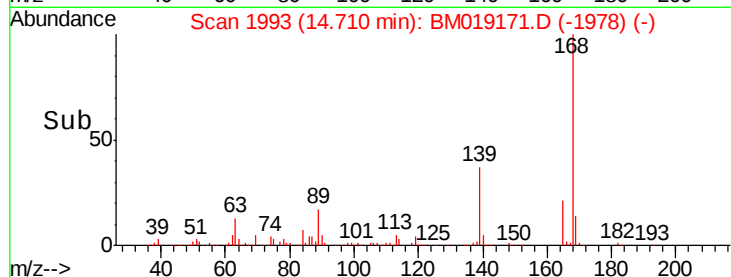
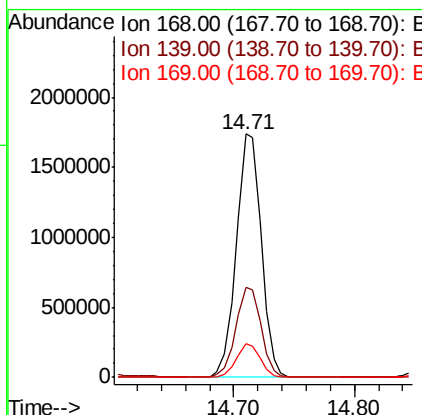
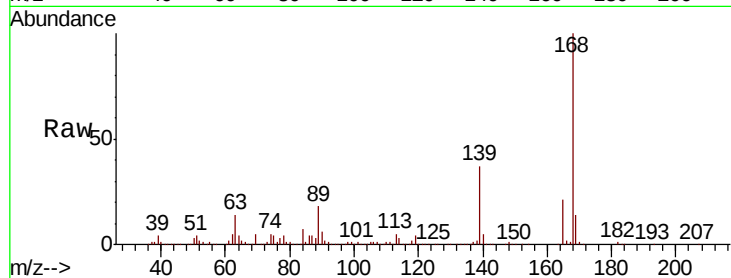




#55
Dibenzenofuran
Concen: 42.800 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

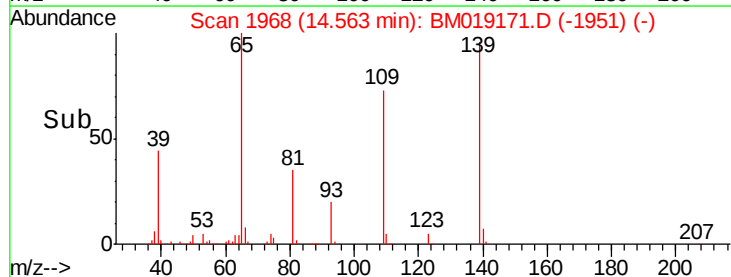
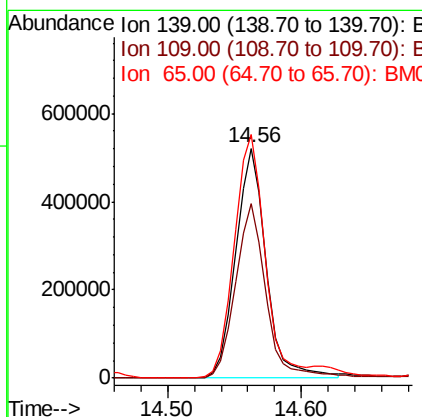
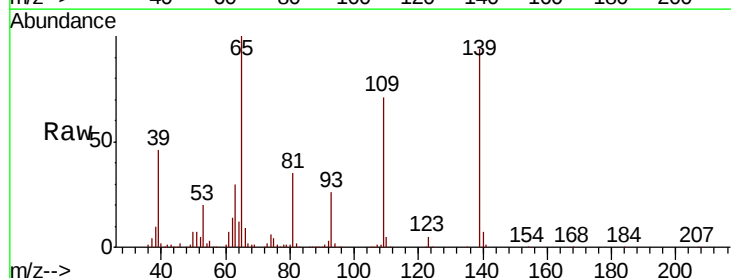
Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

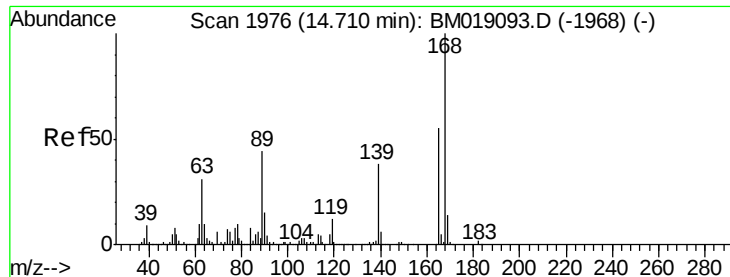
Tot Ion:168 Resp: 2509986
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 89.938 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:139 Resp: 825787
Ion Ratio Lower Upper
139 100
109 75.7 56.3 96.3
65 105.9 89.2 129.2

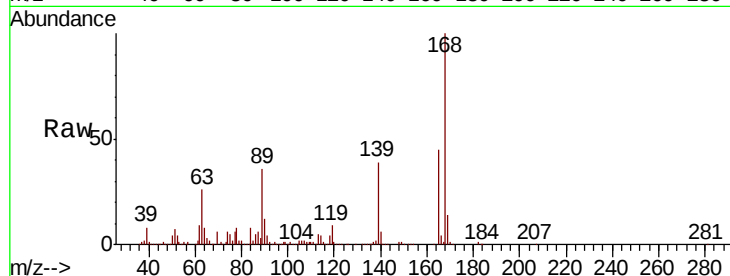




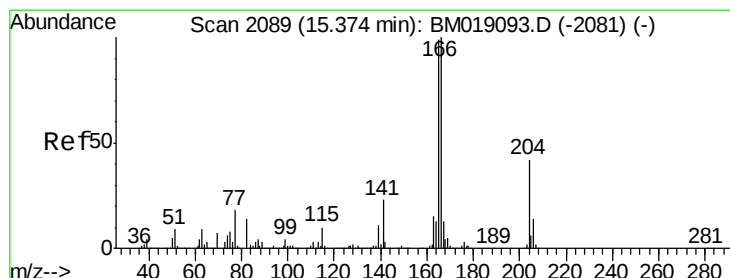
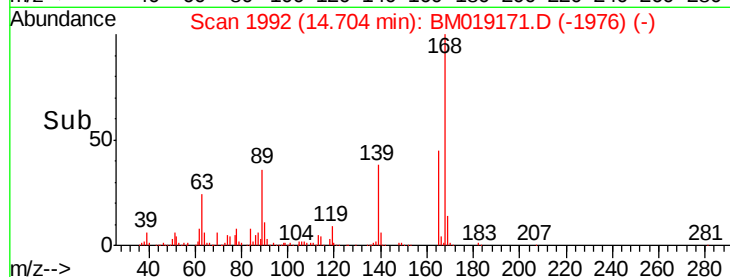
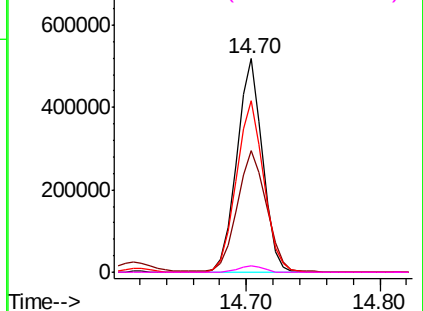
#57
 2,4-Dinitrotoluene
 Concen: 44.778 ng
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.9	44.7	67.1
89	80.2	63.4	95.2
182	2.8	2.3	3.5

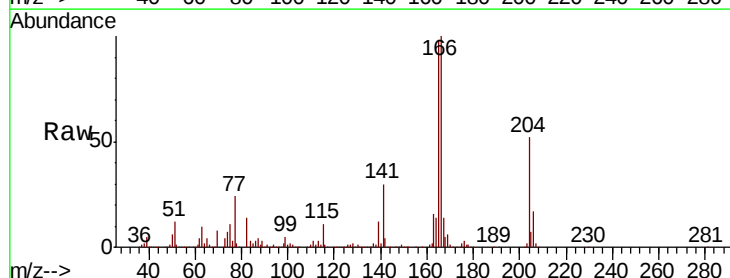


Abundance Ion 165.00 (164.70 to 165.70): E
 800000
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

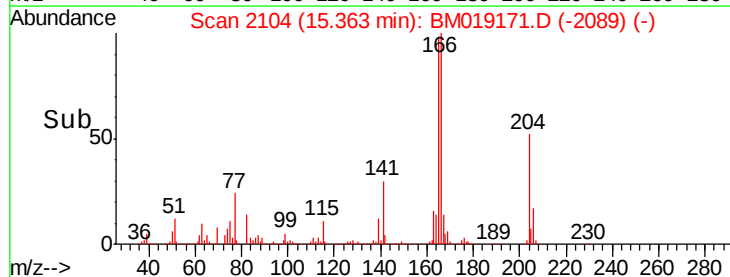
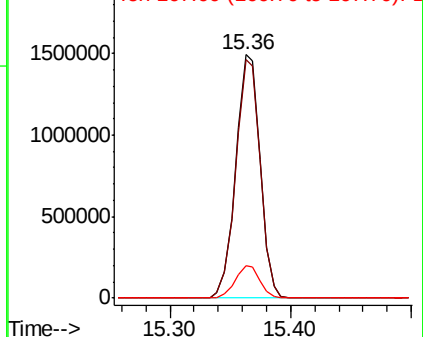


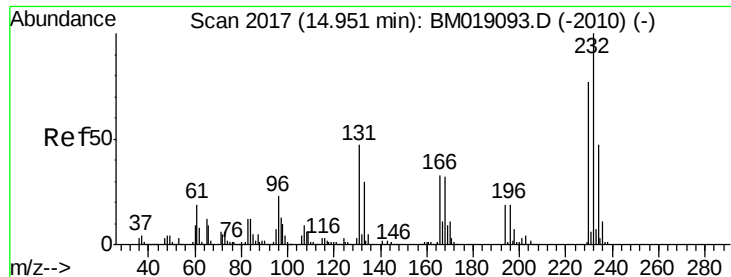
#58
 Fluorene
 Concen: 43.422 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	13.6	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 2000000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

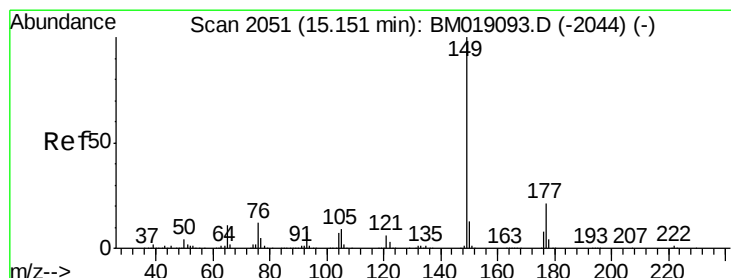
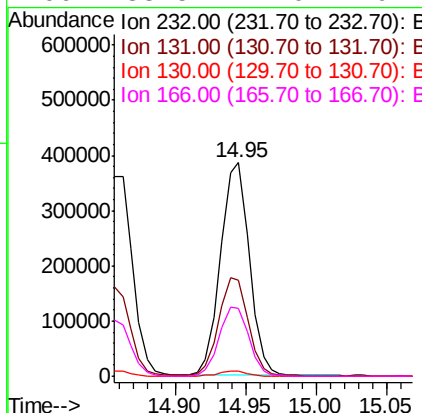
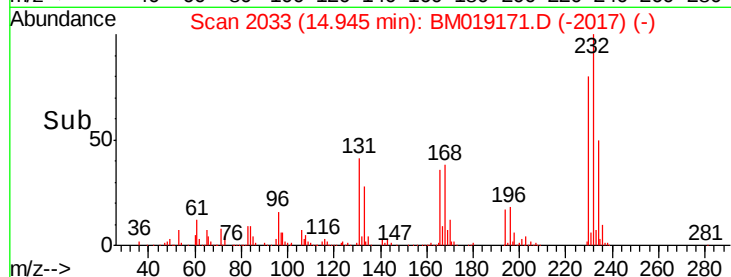
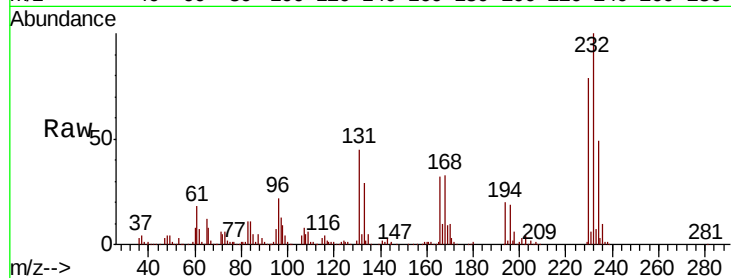




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.926 ng
RT: 14.95 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

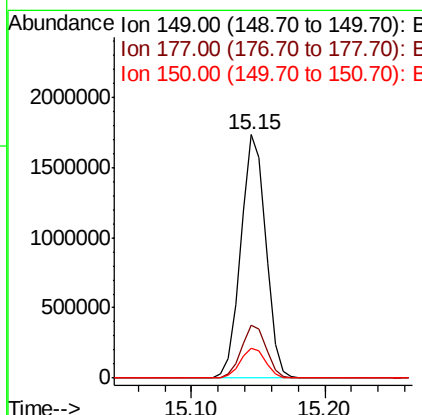
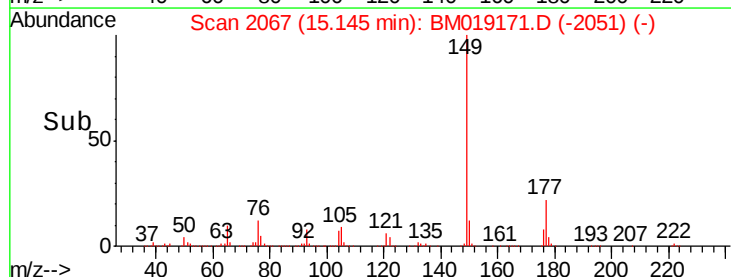
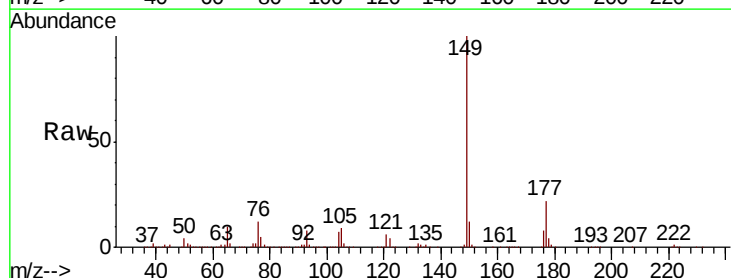
Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

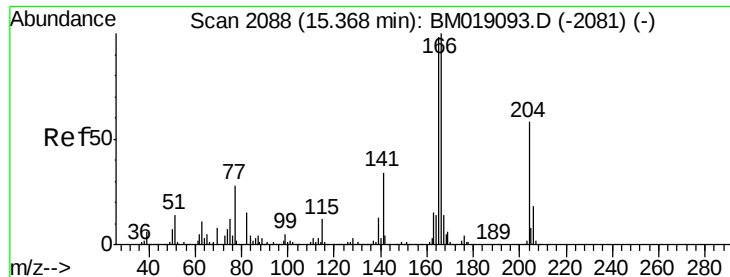
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	38.2	57.2
130	2.5	1.9	2.9
166	33.5	27.0	40.4



#60
Diethylphthalate
Concen: 44.808 ng
RT: 15.15 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.4	10.2	15.4

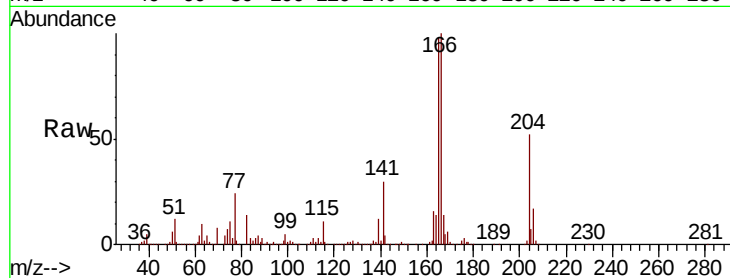




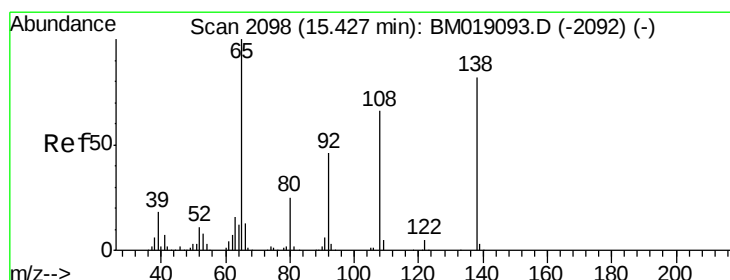
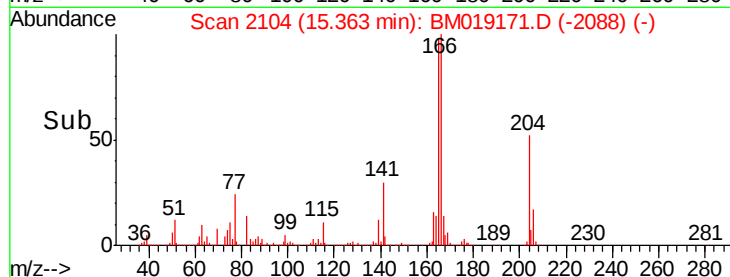
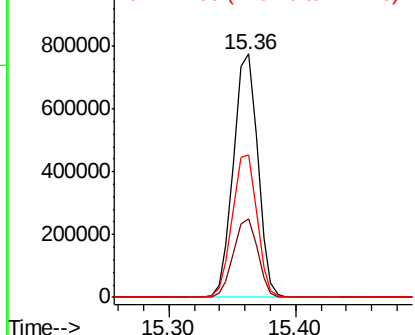
#61
4-Chlorophenyl-phenylether
Concen: 43.785 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion:204 Resp: 1027980
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 58.7 47.8 71.8

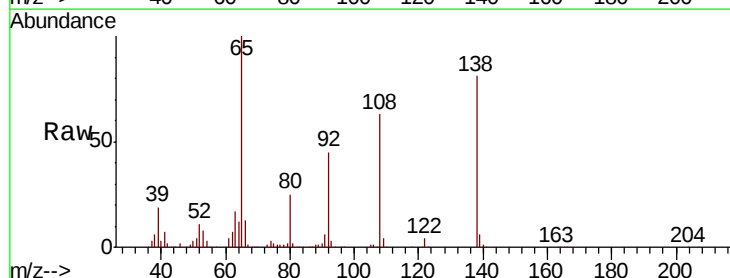


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

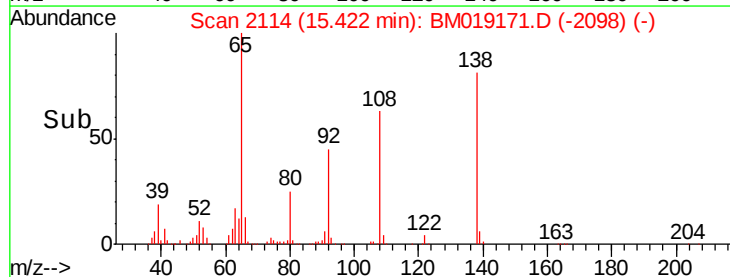
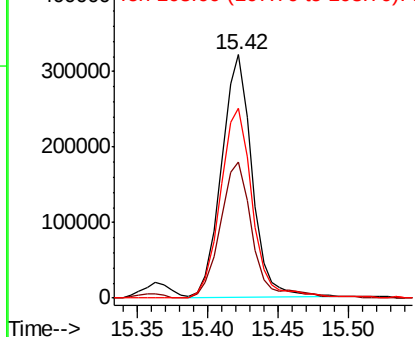


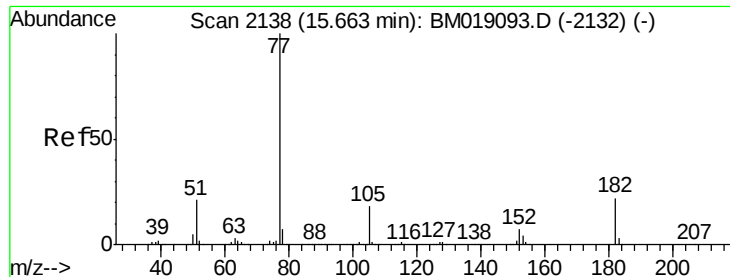
#62
4-Nitroaniline
Concen: 42.671 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:138 Resp: 483592
Ion Ratio Lower Upper
138 100
92 55.8 36.2 76.2
108 78.1 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

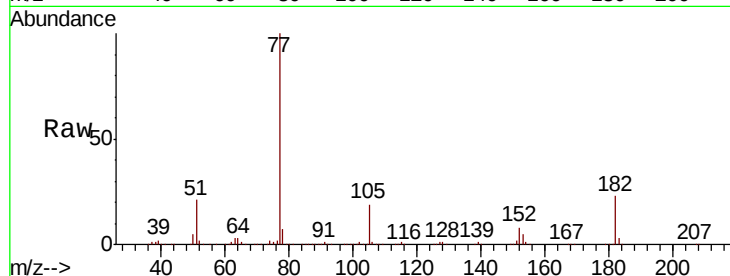




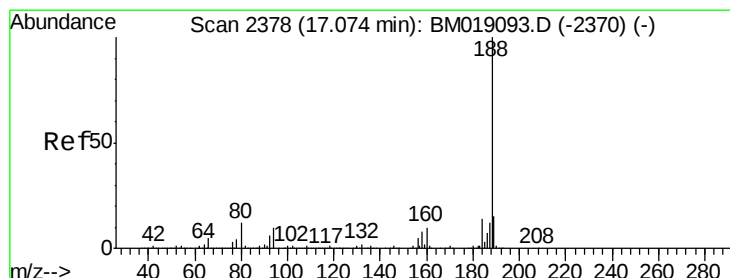
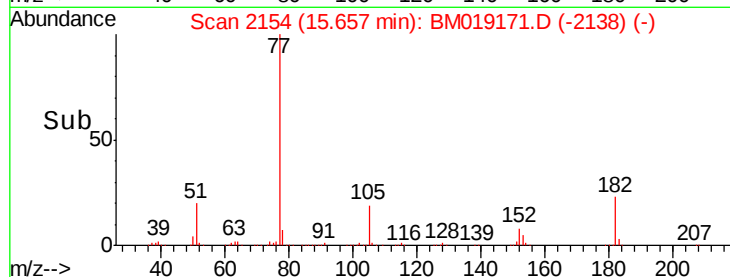
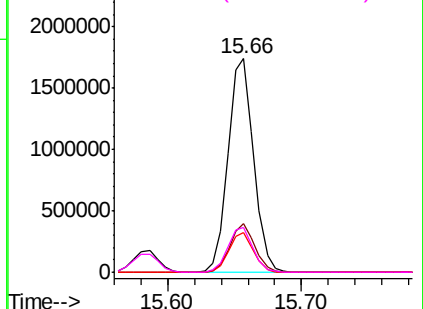
#63
Azobenzene
Concen: 44.472 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion: 77 Resp: 2327942
Ion Ratio Lower Upper
77 100
182 23.0 1.8 41.8
105 18.6 0.0 38.3
51 20.9 0.8 40.8

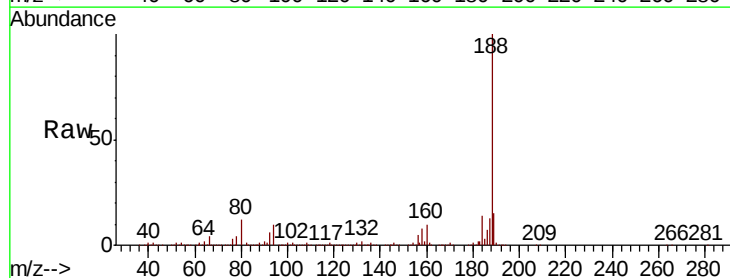


Abundance Ion 77.00 (76.70 to 77.70): BM019171.D (-2138) (-)
Ion 182.00 (181.70 to 182.70): BM019171.D (-2138) (-)
Ion 105.00 (104.70 to 105.70): BM019171.D (-2138) (-)
Ion 51.00 (50.70 to 51.70): BM019171.D (-2138) (-)

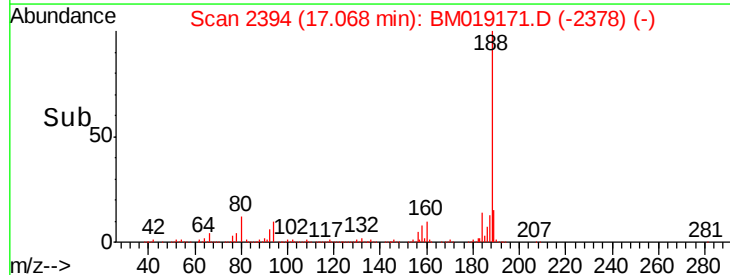
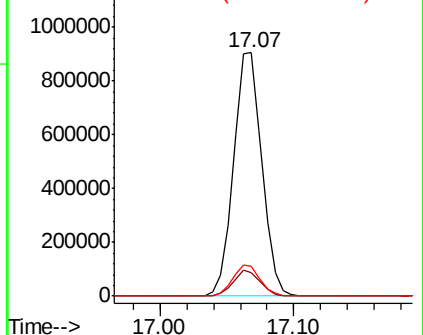


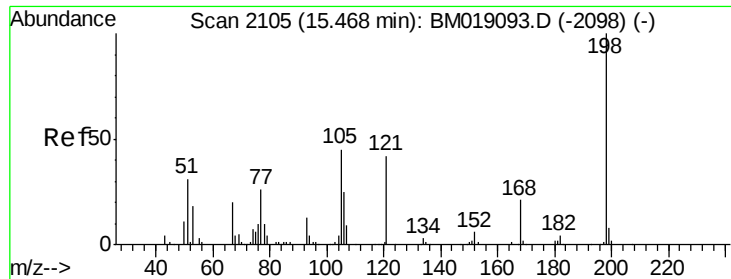
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion: 188 Resp: 1336818
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 12.2 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): BM019171.D (-2378) (-)
Ion 94.00 (93.70 to 94.70): BM019171.D (-2378) (-)
Ion 80.00 (79.70 to 80.70): BM019171.D (-2378) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.336 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

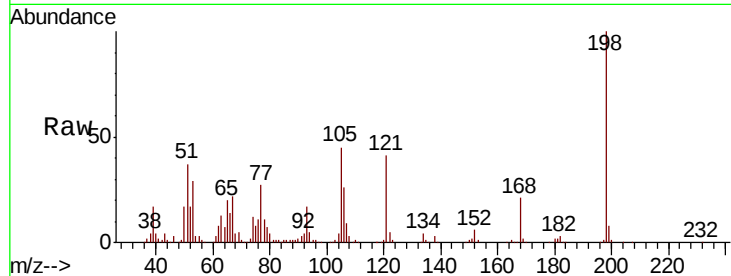
Tot Ion:198 Resp: 344589

Ion Ratio Lower Upper

198 100

51 37.3 17.3 57.3

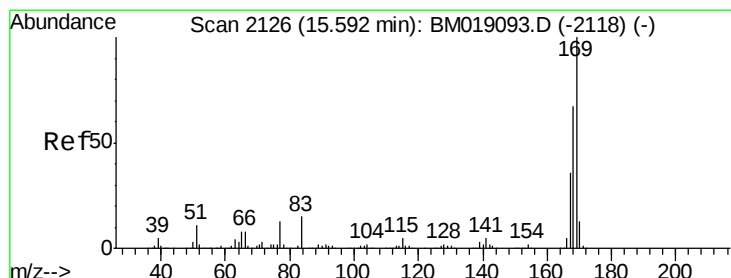
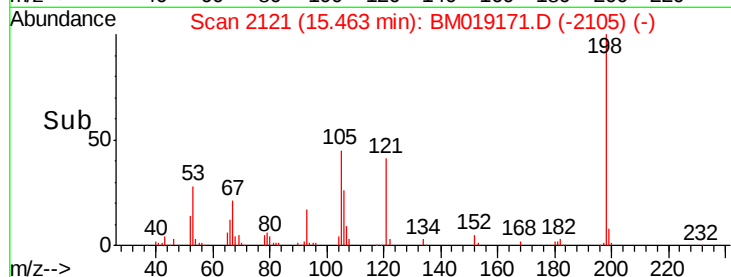
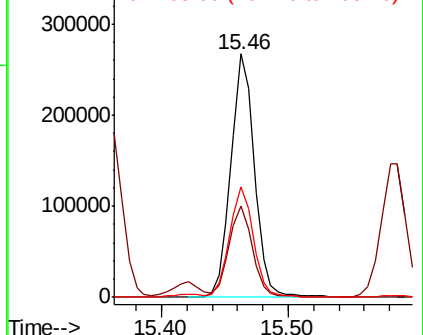
105 45.2 26.2 66.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.823 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

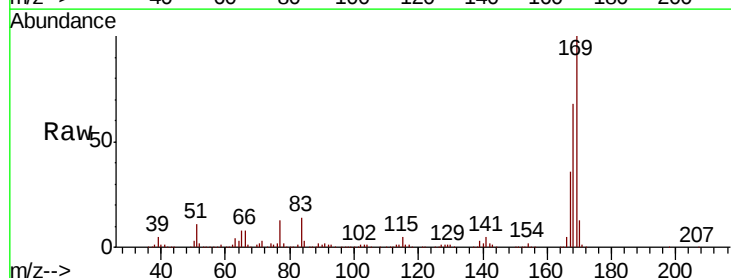
Tgt Ion:169 Resp: 1779989

Ion Ratio Lower Upper

169 100

168 67.9 53.9 80.9

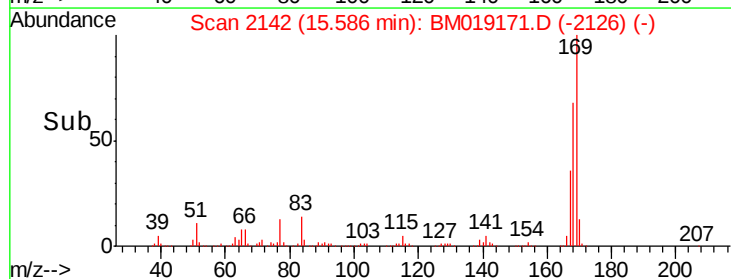
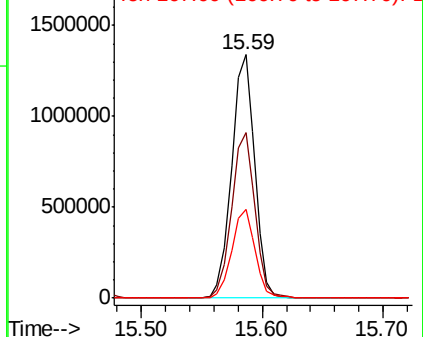
167 36.4 28.8 43.2

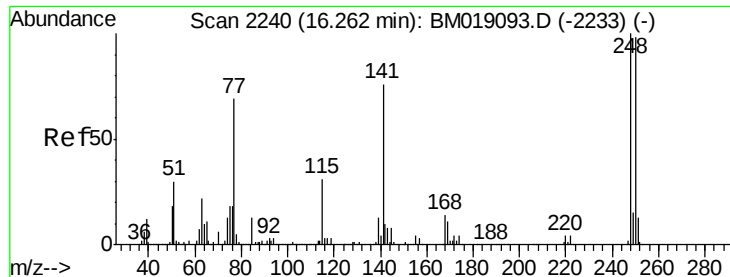


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

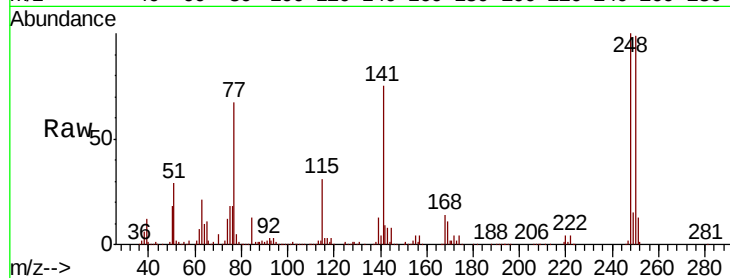




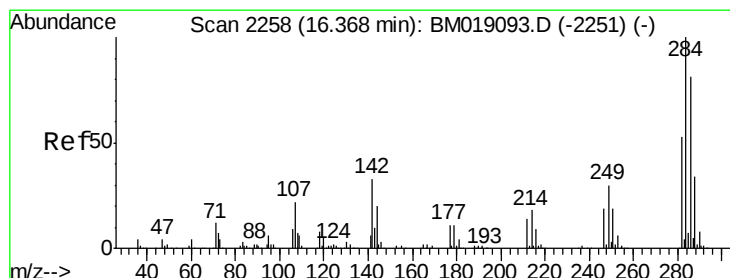
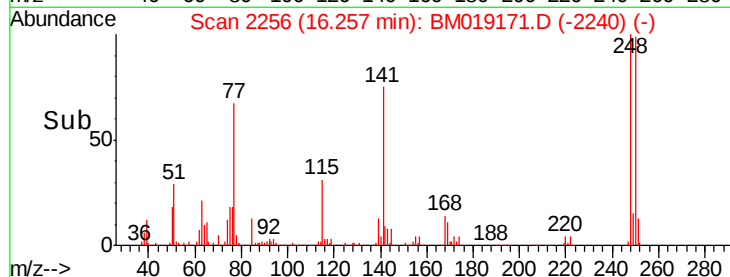
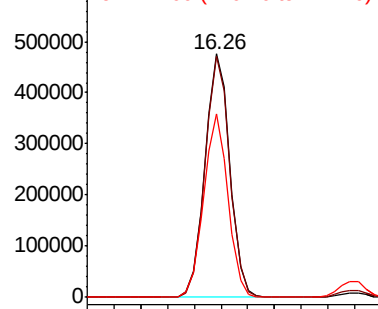
#67
4-Bromophenyl-phenylether
Concen: 42.126 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion:248 Resp: 621013
Ion Ratio Lower Upper
248 100
250 98.9 78.0 117.0
141 75.2 61.0 91.4

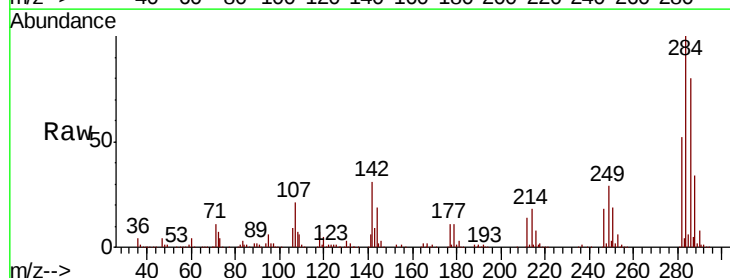


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

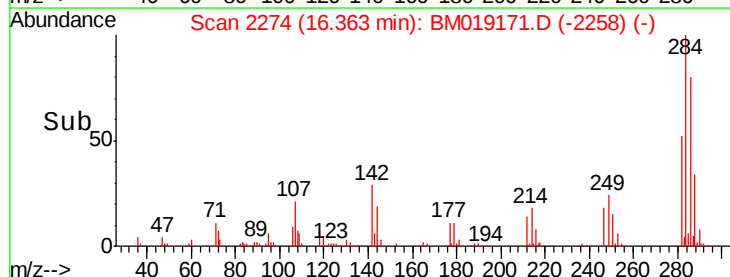
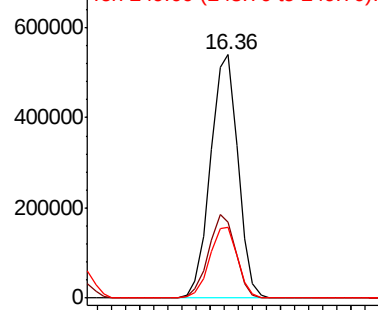


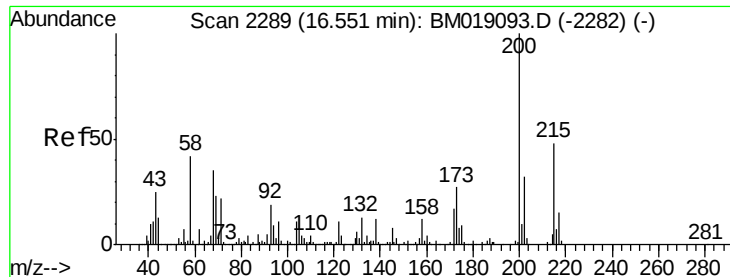
#68
Hexachlorobenzene
Concen: 41.895 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:284 Resp: 734266
Ion Ratio Lower Upper
284 100
142 31.3 26.3 39.5
249 29.2 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.942 ng

RT: 16.54 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

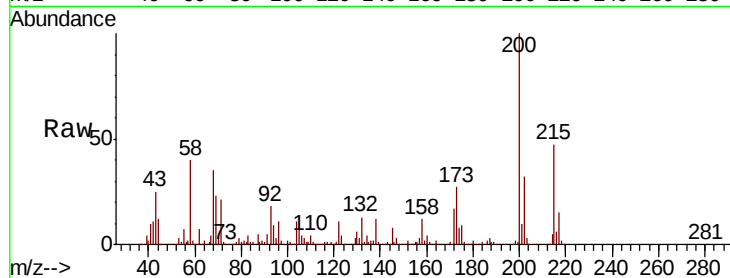
Tot Ion:200 Resp: 658199

Ion Ratio Lower Upper

200 100

173 26.8 7.0 47.0

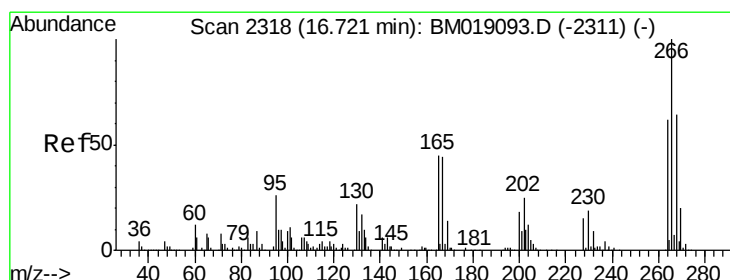
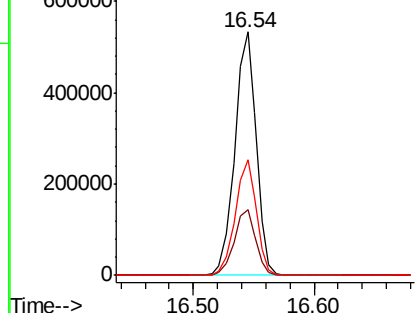
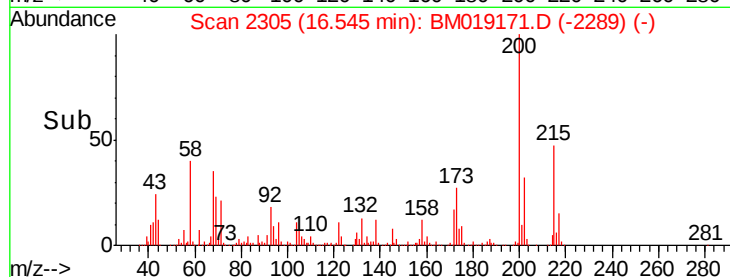
215 47.3 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.672 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

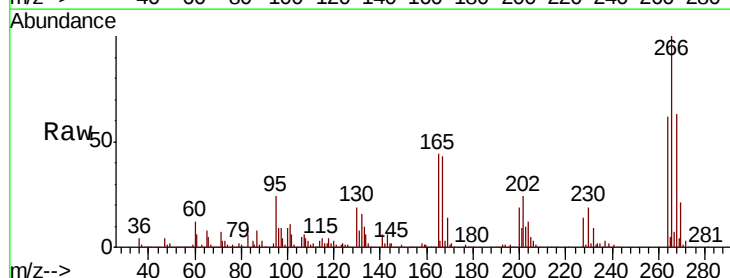
Tgt Ion:266 Resp: 915196

Ion Ratio Lower Upper

266 100

268 63.4 51.3 76.9

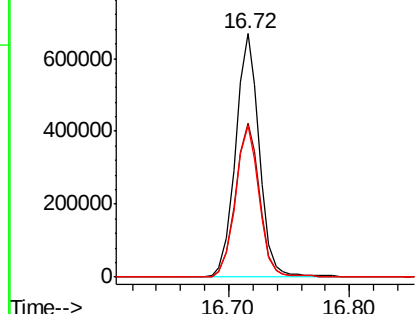
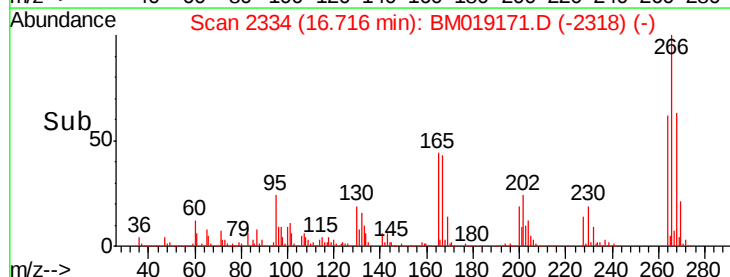
264 62.4 50.0 75.0

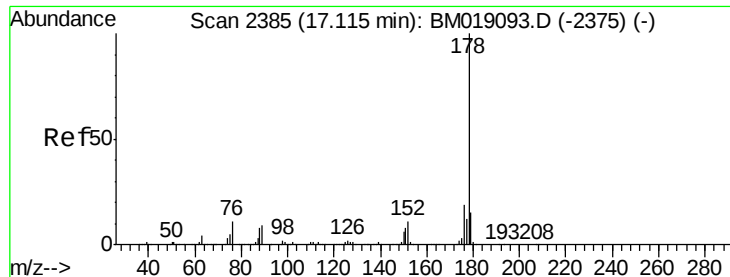


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

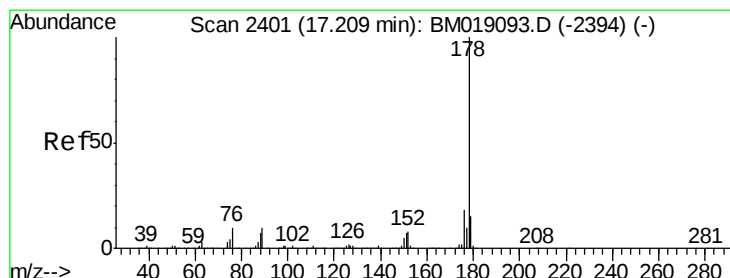
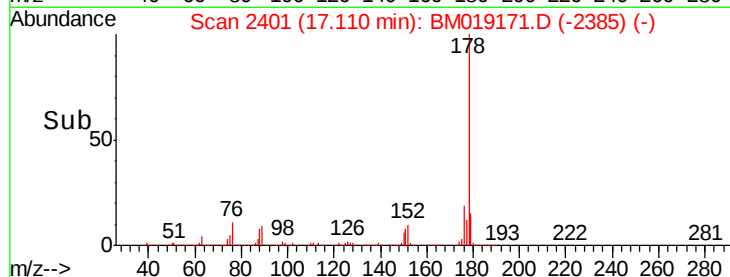
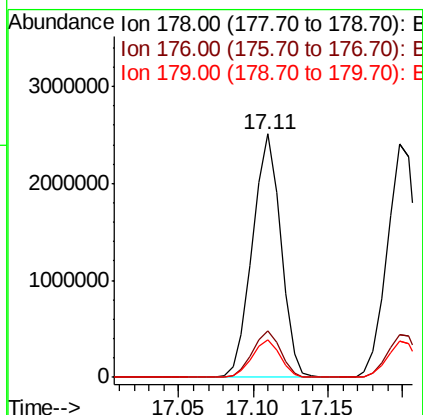
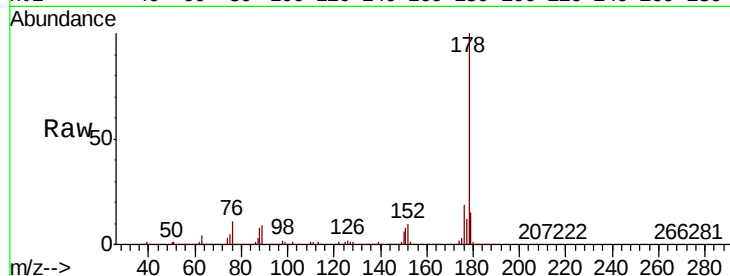




#71
Phenanthrene
Concen: 42.054 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

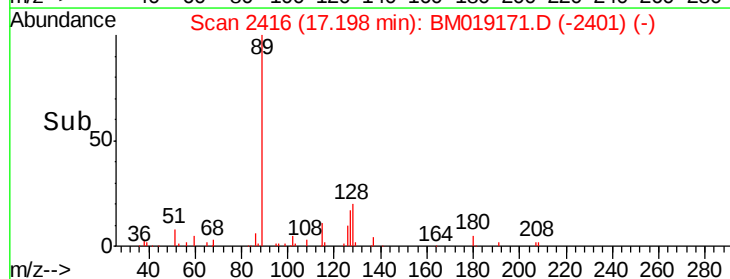
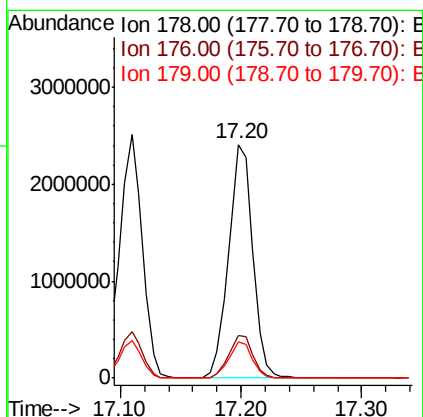
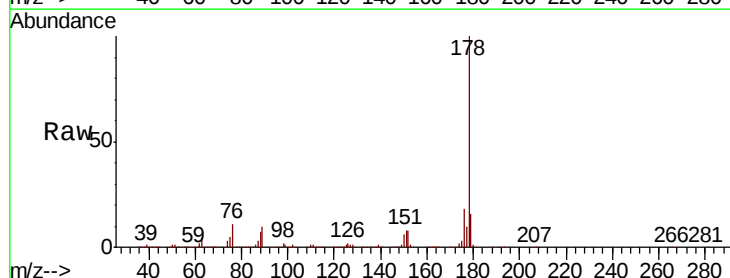
Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

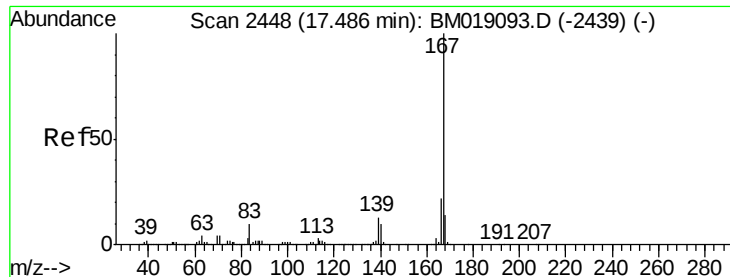
Tot Ion:178 Resp: 3295189
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.2 18.2



#72
Anthracene
Concen: 43.593 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:178 Resp: 3343890
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.5 11.9 17.9

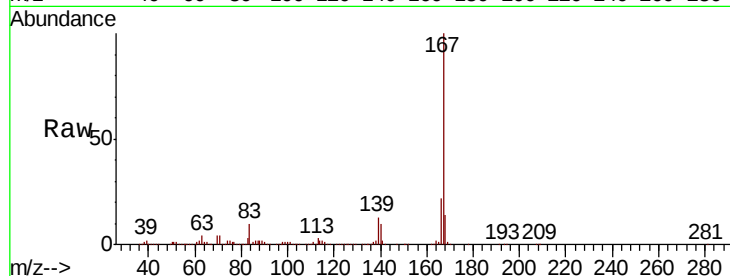




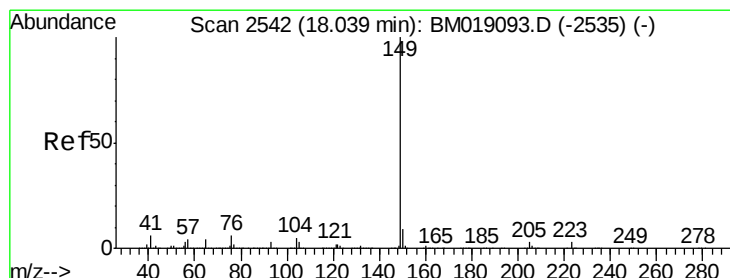
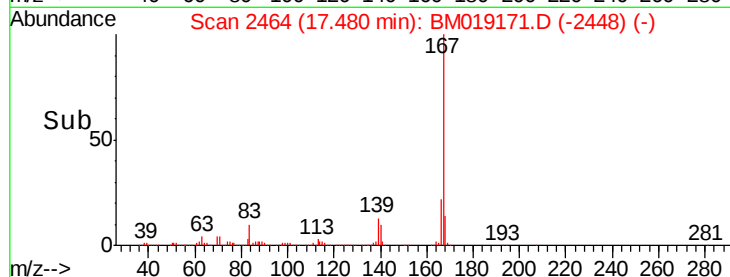
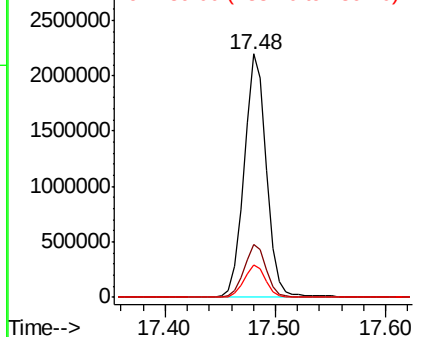
#73
 Carbazole
 Concen: 42.941 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Instrument :
 BNA_M
 ClientSampleId :
 MR-MH-04-COMPMSD

Tot Ion:167 Resp: 3108860
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.2 10.5 15.7

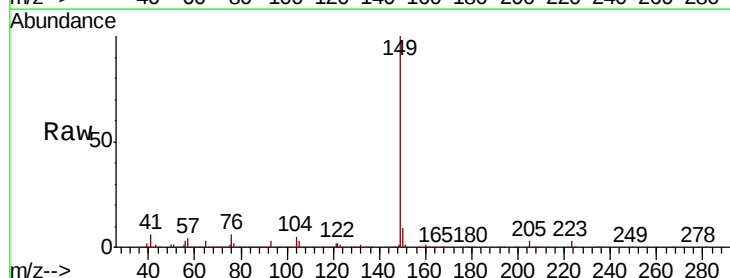


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

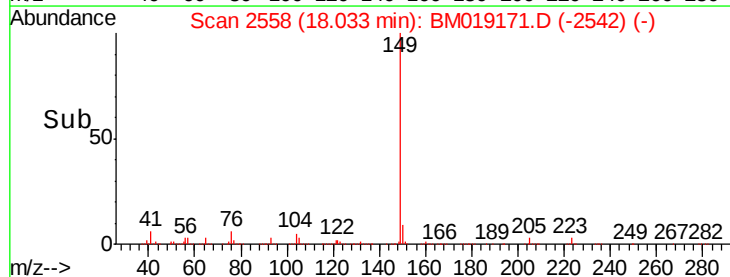
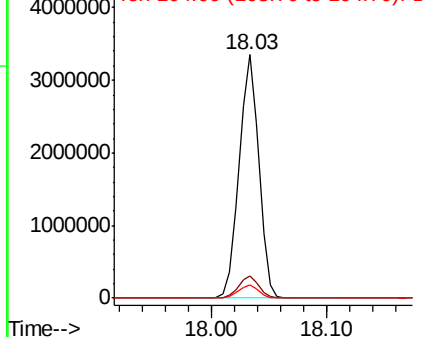


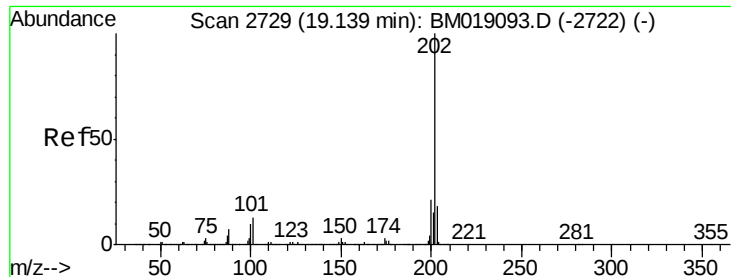
#74
 Di-n-butylphthalate
 Concen: 45.193 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019171.D
 Acq: 14 Mar 2019 16:16

Tgt Ion:149 Resp: 3956580
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.528 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

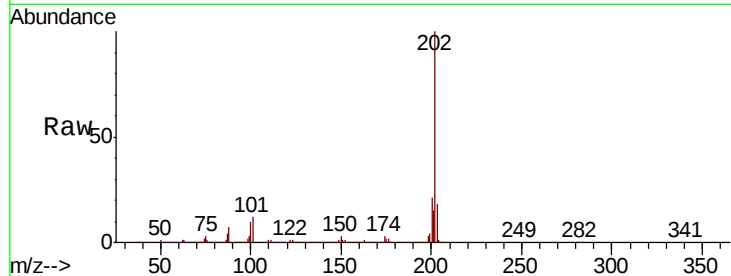
Tot Ion:202 Resp: 3823681

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.0

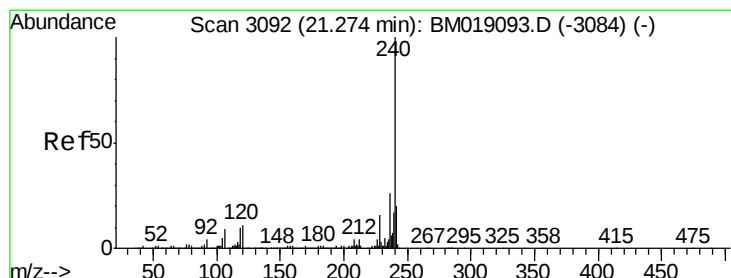
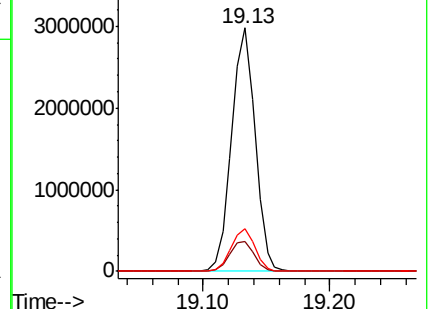
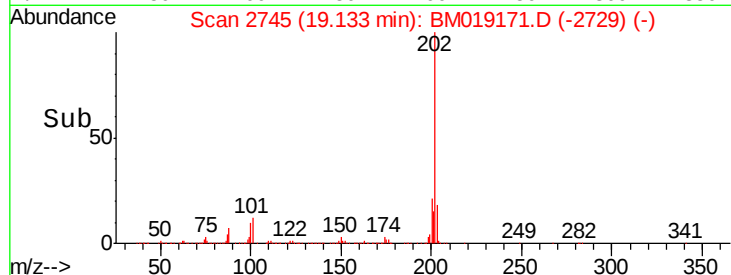
203 17.5 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

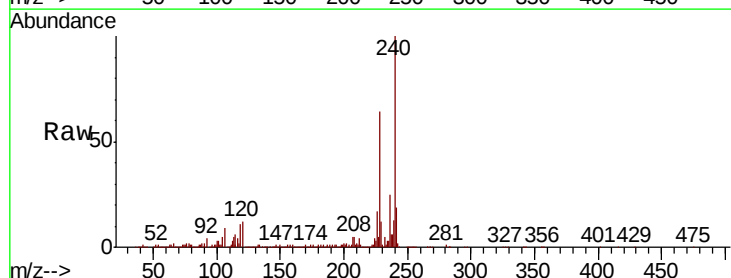
Tgt Ion:240 Resp: 1391844

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

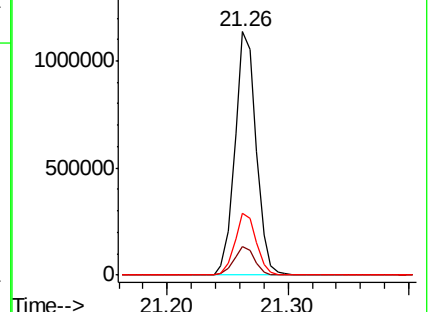
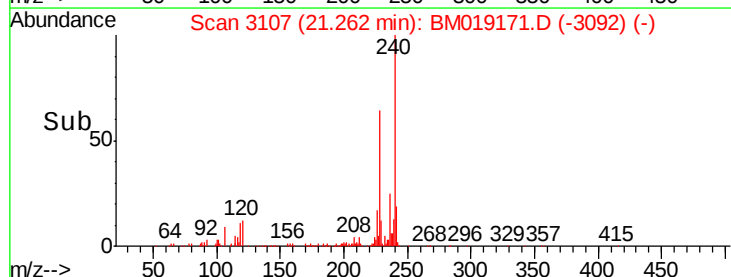
236 25.2 21.0 31.4

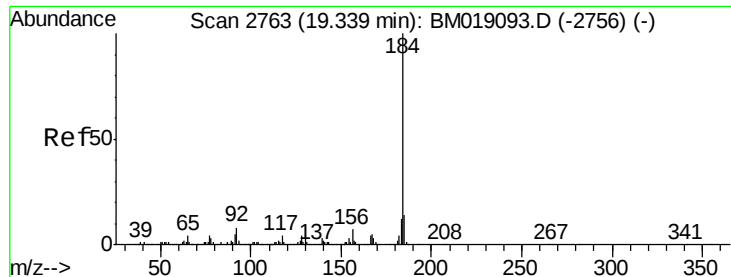


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.925 ng

RT: 19.34 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

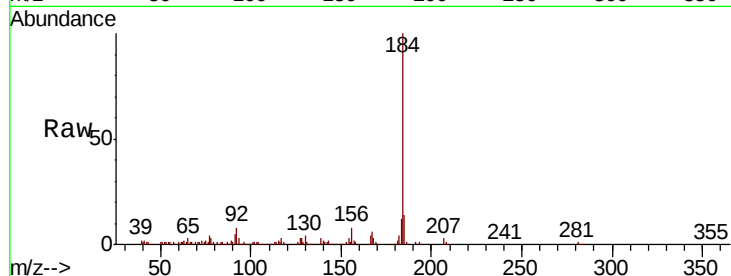
Tot Ion:184 Resp: 352305

Ion Ratio Lower Upper

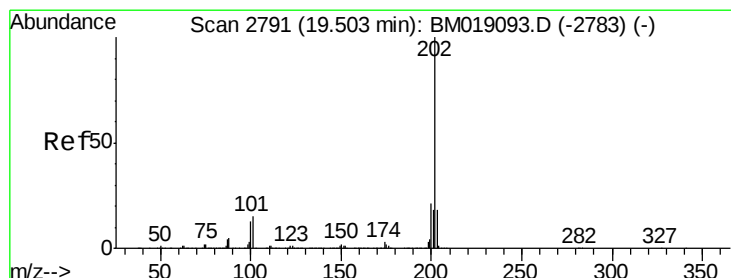
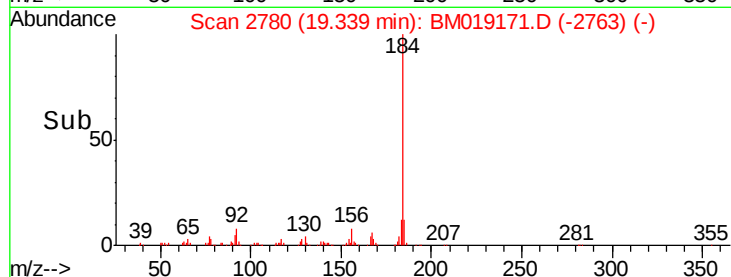
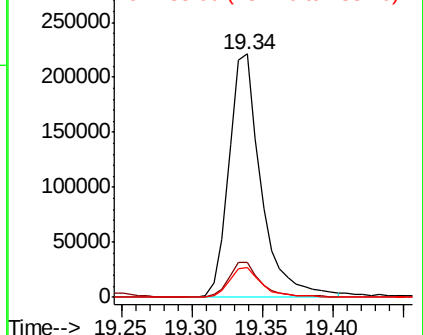
184 100

185 14.5 11.0 16.4

183 12.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.895 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

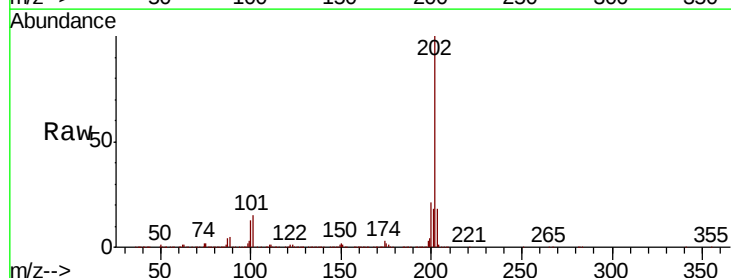
Tgt Ion:202 Resp: 3865553

Ion Ratio Lower Upper

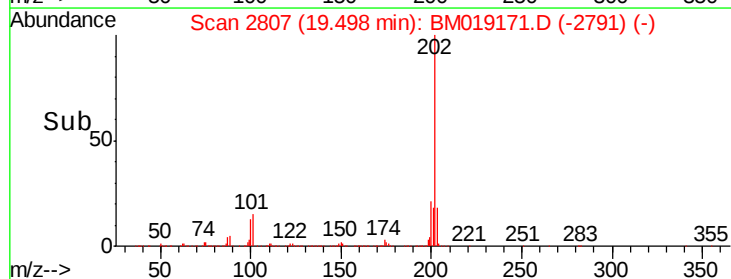
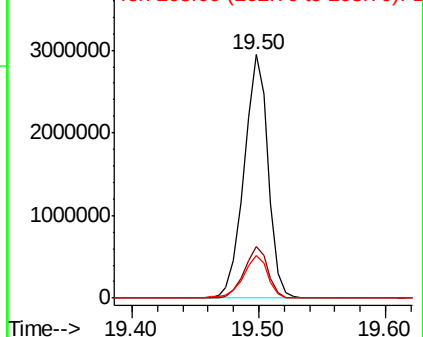
202 100

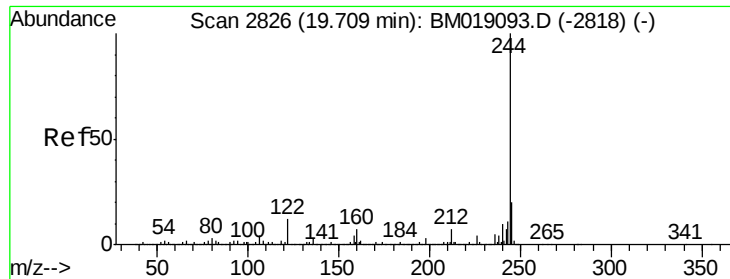
200 21.1 16.9 25.3

203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.440 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

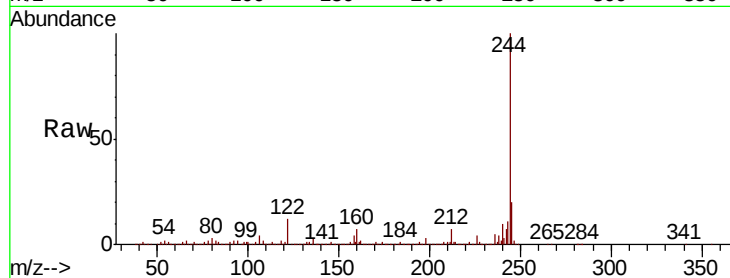
Tot Ion:244 Resp: 5990246

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

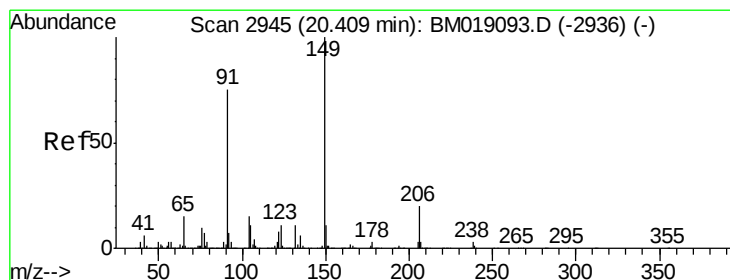
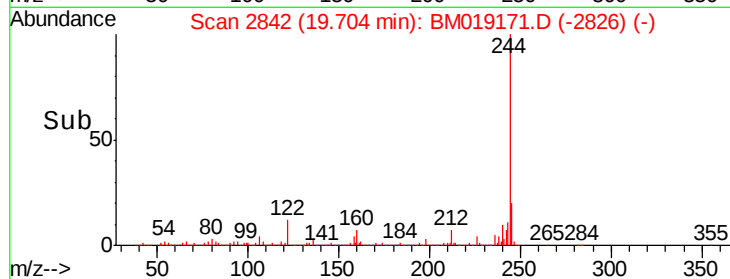
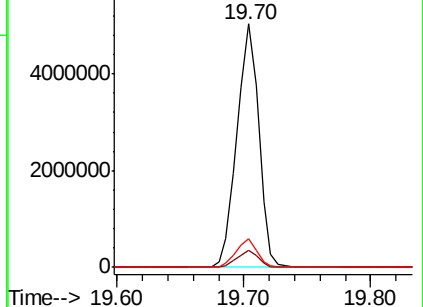
122 11.6 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.875 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

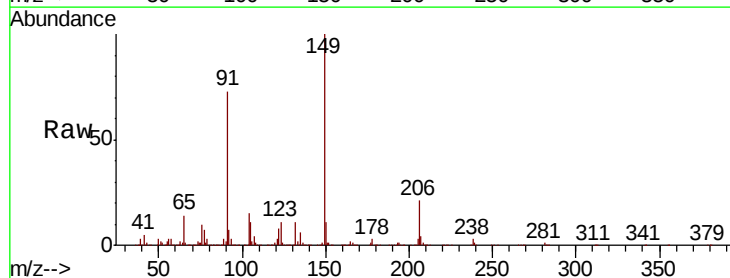
Tgt Ion:149 Resp: 1874666

Ion Ratio Lower Upper

149 100

91 72.9 60.1 90.1

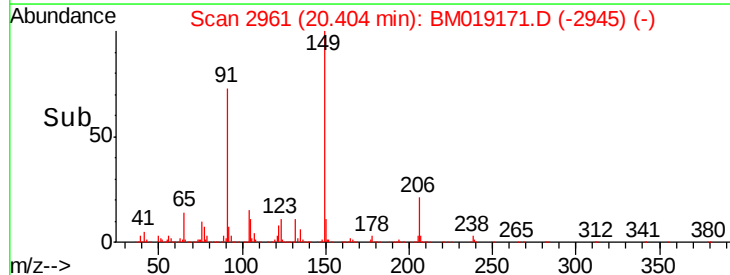
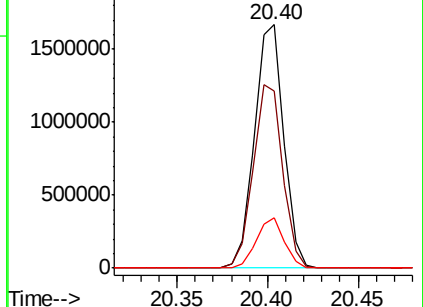
206 20.5 16.2 24.2

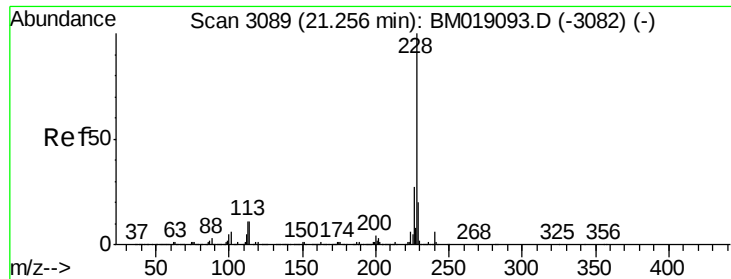


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.165 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

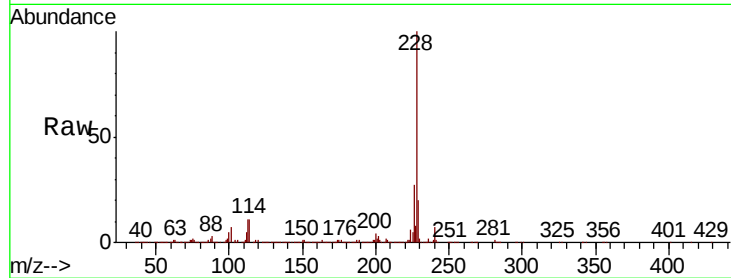
BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:228 Resp: 3594455

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.9	15.8	23.6

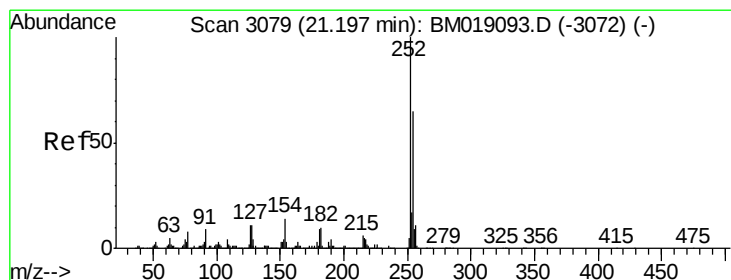
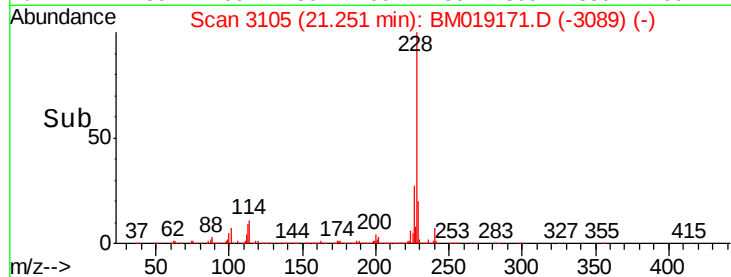
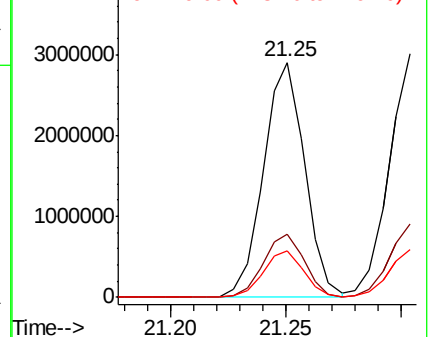


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.229 ng

RT: 21.19 min Scan# 3095

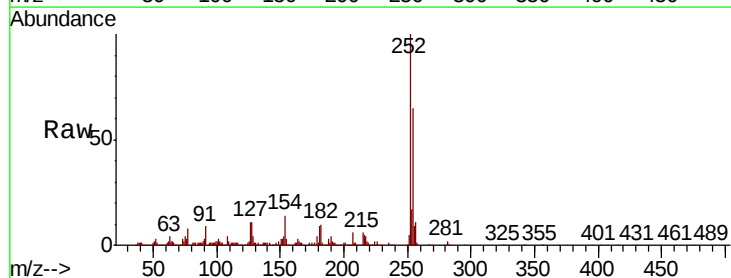
Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:252 Resp: 915923

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.4	78.6
126	11.3	9.0	13.6

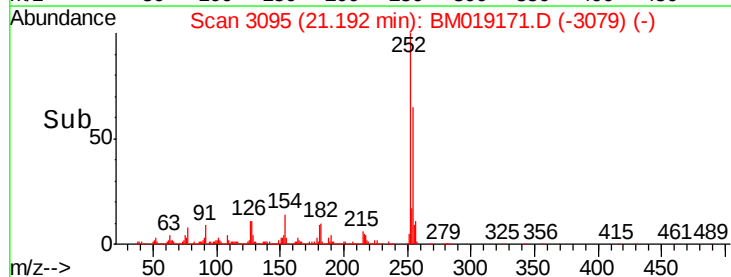
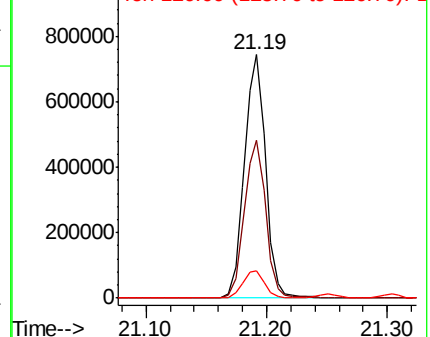


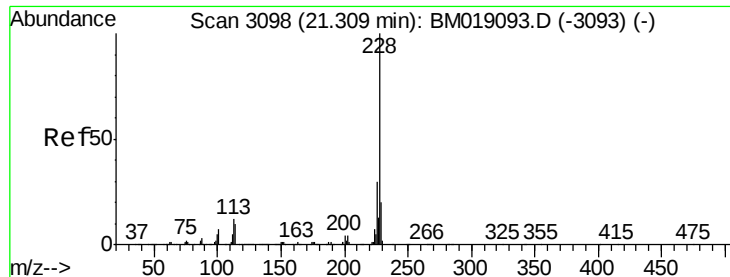
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.851 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

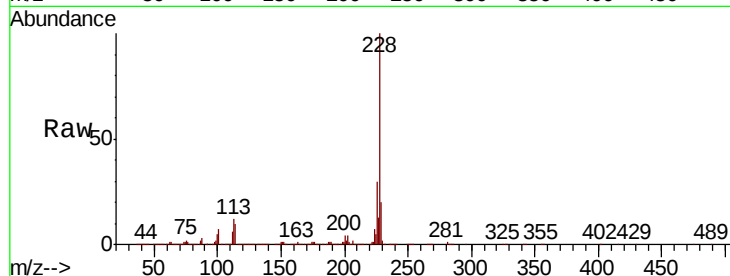
Tot Ion:228 Resp: 3450886

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

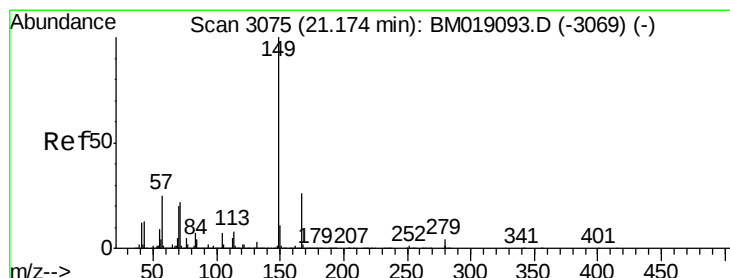
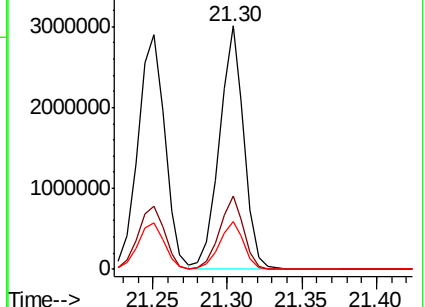
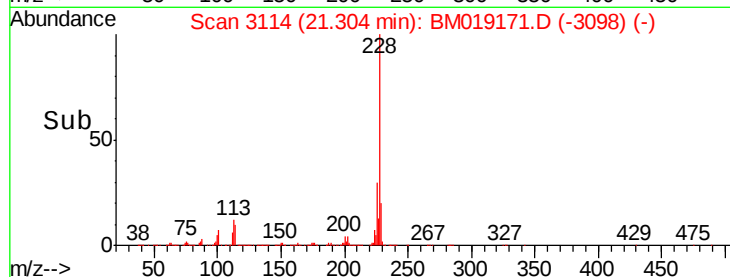
229 19.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.443 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

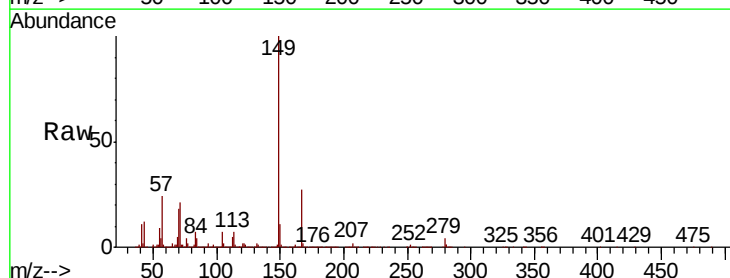
Tgt Ion:149 Resp: 2759065

Ion Ratio Lower Upper

149 100

167 27.3 21.1 31.7

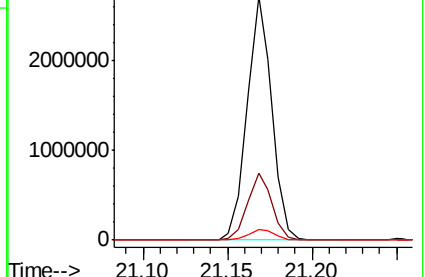
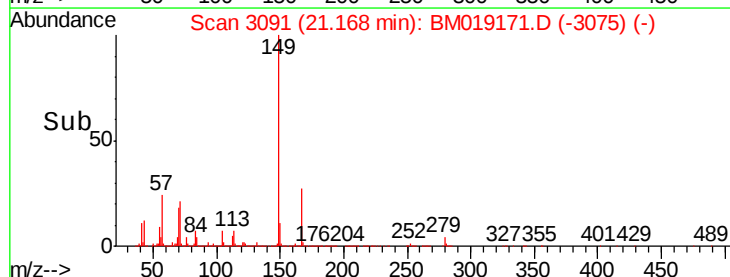
279 4.3 3.2 4.8

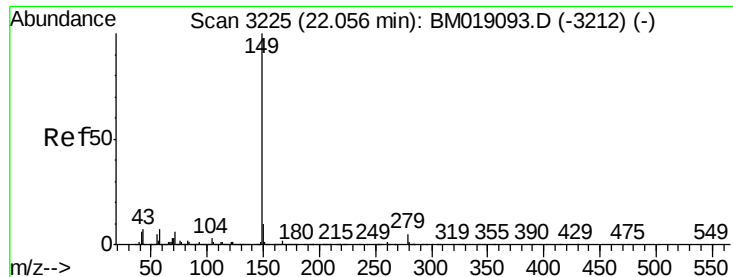


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.927 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

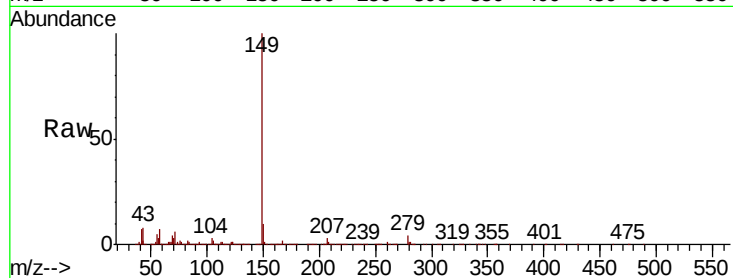
Tot Ion:149 Resp: 4597463

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

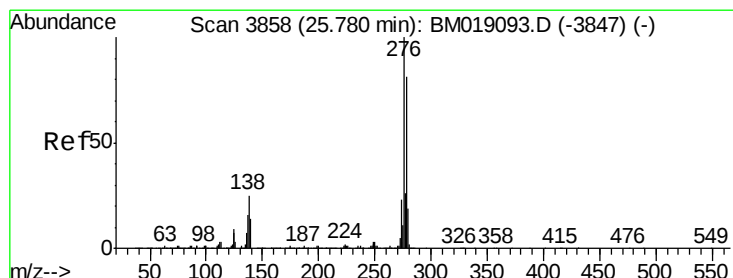
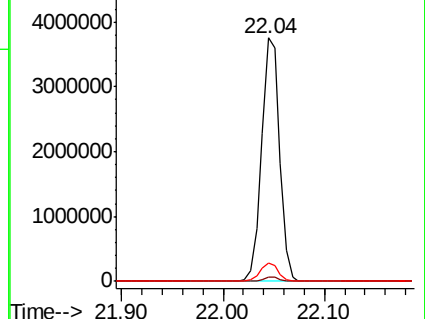
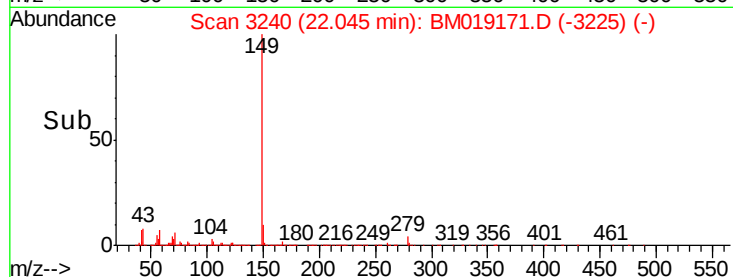
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.953 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

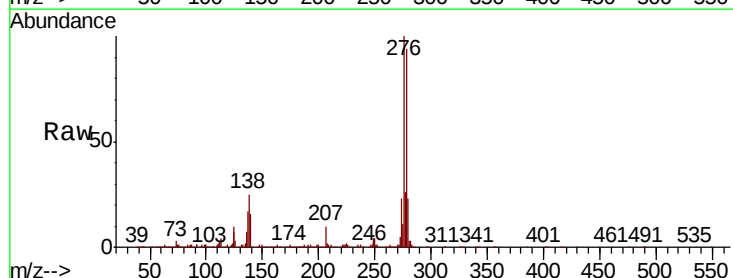
Tgt Ion:276 Resp: 3360356

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

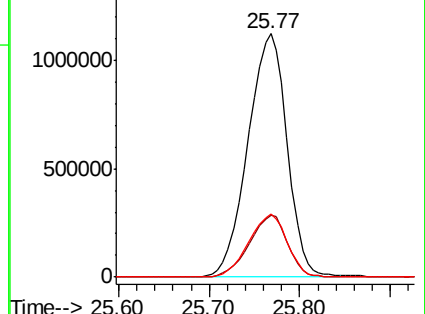
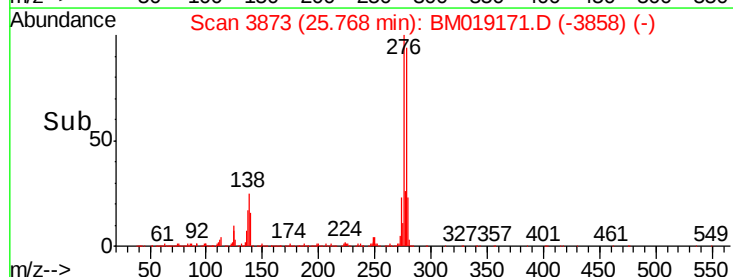
277 25.6 20.3 30.5

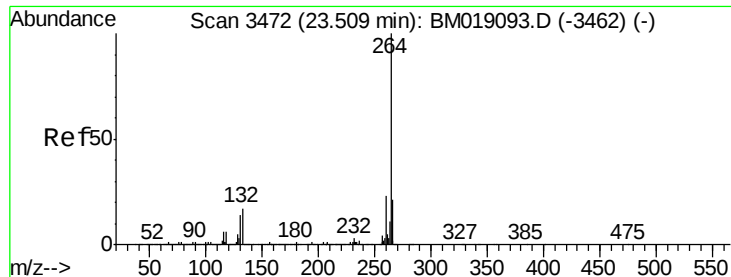


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



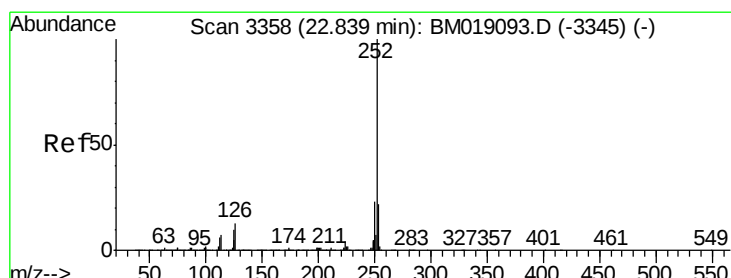
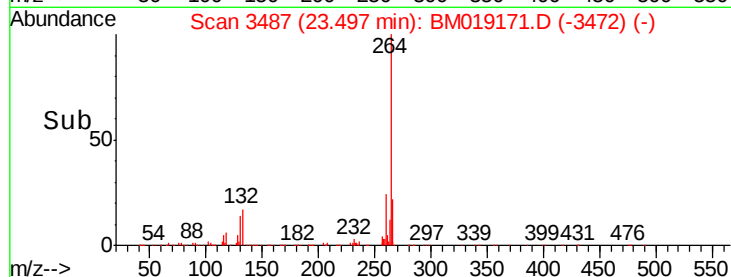
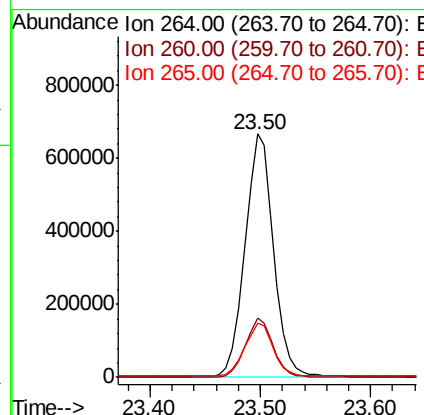
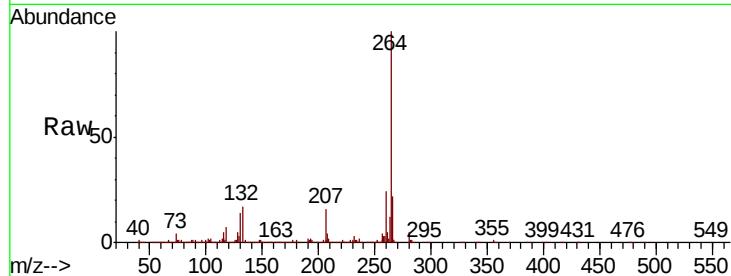


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

Tot Ion:264 Resp: 1211453

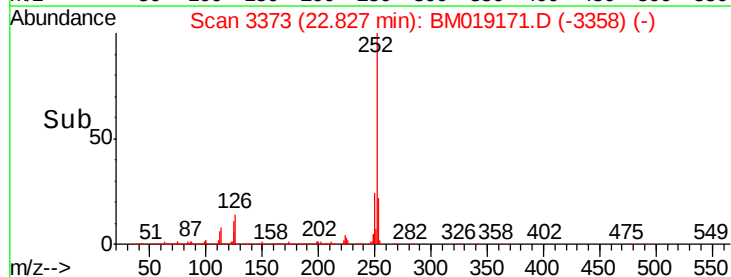
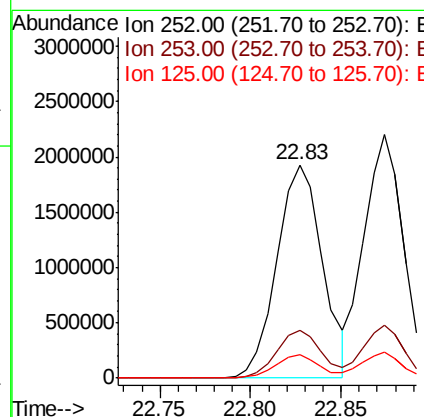
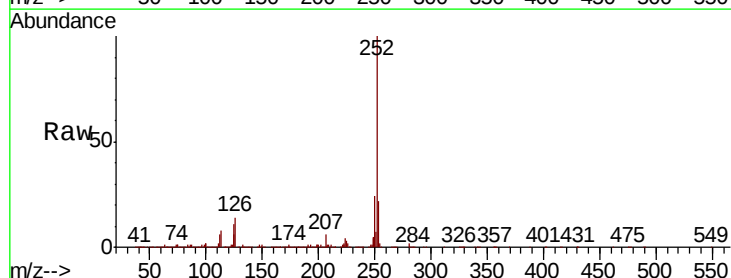
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	22.3	17.3	25.9

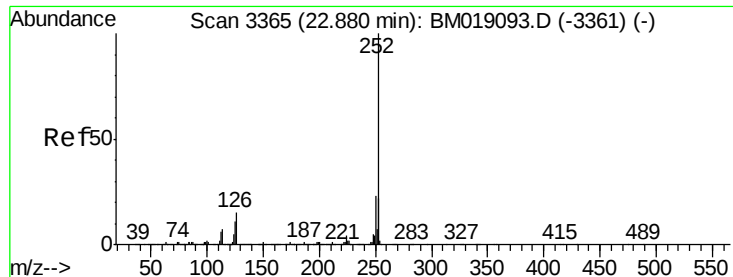


#88
Benzo(b)fluoranthene
Concen: 43.122 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:252 Resp: 3385068

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.8	8.1	12.1

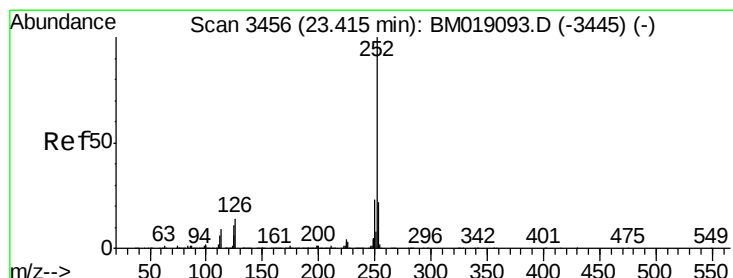
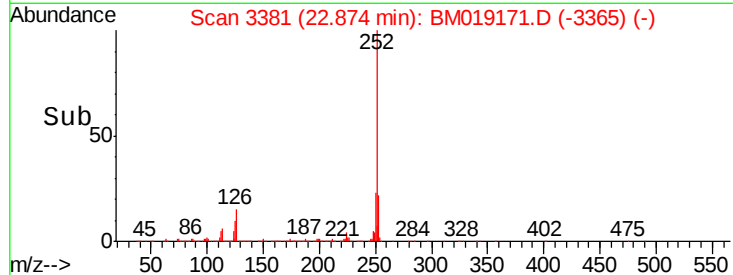
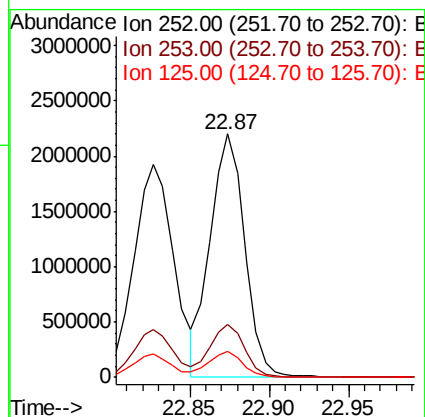
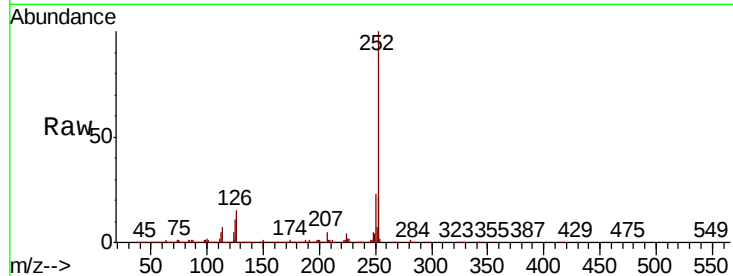




#89
Benzo(k)fluoranthene
Concen: 45.990 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

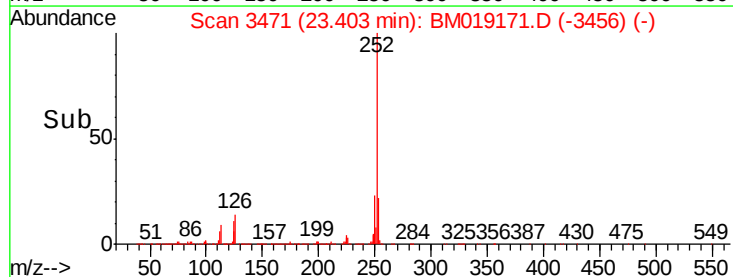
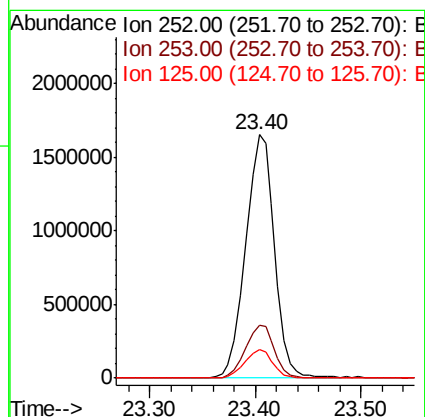
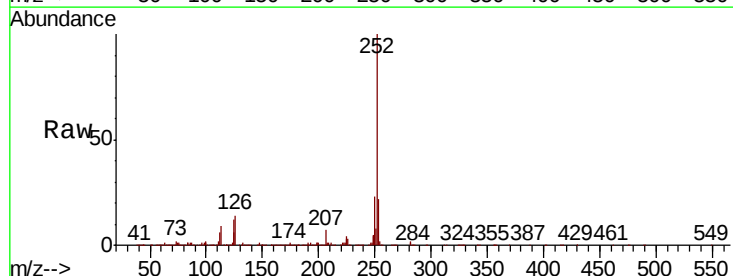
Instrument :
BNA_M
ClientSampleId :
MR-MH-04-COMPMSD

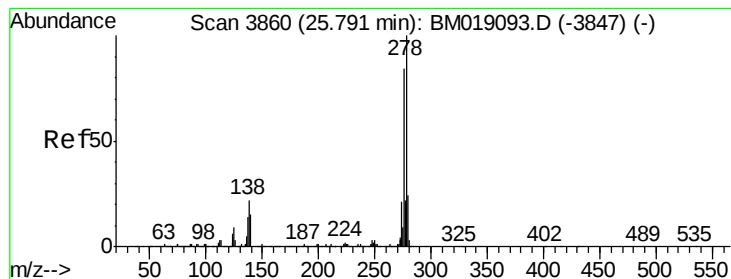
Tot Ion:252 Resp: 3320557
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.5 8.8 13.2



#90
Benzo(a)pyrene
Concen: 44.142 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019171.D
Acq: 14 Mar 2019 16:16

Tgt Ion:252 Resp: 3113969
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 42.758 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Instrument :

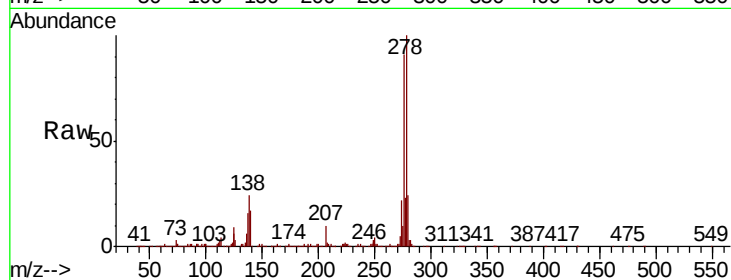
BNA_M

ClientSampleId :

MR-MH-04-COMPMSD

Tot Ion:278 Resp: 2885433

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.3	18.5
279	24.0	18.9	28.3

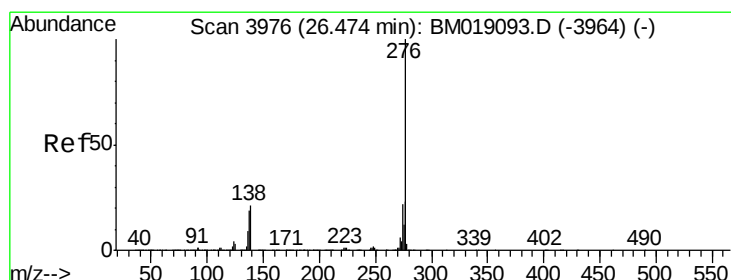
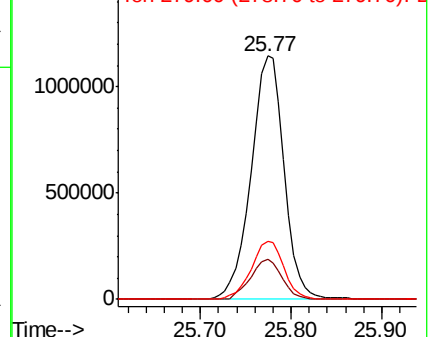
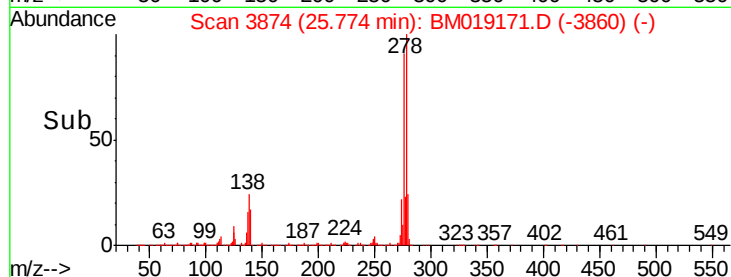


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.970 ng

RT: 26.46 min Scan# 3991

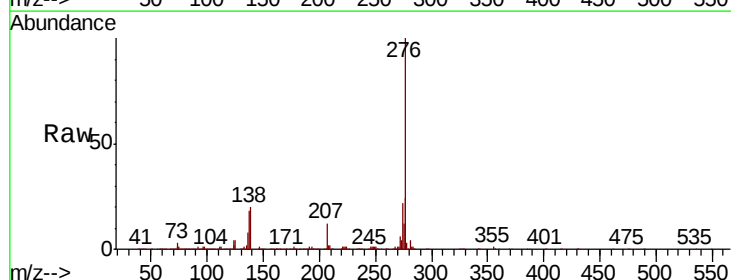
Delta R.T. -0.01 min

Lab File: BM019171.D

Acq: 14 Mar 2019 16:16

Tgt Ion:276 Resp: 2662214

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.5	17.0	25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

