

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
 Data File : BM019194.D
 Acq On : 15 Mar 2019 19:54
 Operator : JU/SJ
 Sample : K1930-10MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

Quant Time: Mar 16 01:35:49 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	7.65	152	206493	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	938599	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	575126	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1282572	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1170338	20.00	ng	0.00
87) Perylene-d12	23.50	264	1004922	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1783793	139.90	ng	0.00
7) Phenol-d6	6.84	99	2677679	143.57	ng	0.00
23) Nitrobenzene-d5	8.83	82	1630521	82.12	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1120692	131.98	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3152814	71.31	ng	-0.01
79) Terphenyl-d14	19.70	244	5103168	86.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	168428	29.694	ng	99
3) Pyridine	3.62	79	347994	22.551	ng	99
4) n-Nitrosodimethylamine	3.53	42	165107	34.415	ng	95
6) Aniline	7.00	93	718668	29.846	ng	99
8) 2-Chlorophenol	7.22	128	647801	42.278	ng	99
9) Benzaldehyde	6.82	77	278082	23.705	ng	98
10) Phenol	6.87	94	1016094	50.552	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	578769	37.736	ng	99
12) 1,3-Dichlorobenzene	7.54	146	565380	34.868	ng	99
13) 1,4-Dichlorobenzene	7.69	146	588175	35.579	ng	98
14) 1,2-Dichlorobenzene	8.00	146	583588	36.284	ng	100
15) Benzyl Alcohol	7.91	79	633250	41.025	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.18	45	563812	36.002	ng	100
17) 2-Methylphenol	8.10	107	575435	43.933	ng	99
18) Hexachloroethane	8.71	117	206242	33.574	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	578699	37.821	ng	99
20) 3+4-Methylphenols	8.43	107	792775	44.591	ng	98
22) Acetophenone	8.49	105	962380	37.102	ng	# 100
24) Nitrobenzene	8.87	77	817599	39.592	ng	99
25) Isophorone	9.39	82	1489797	39.321	ng	99
26) 2-Nitrophenol	9.57	139	355583	41.541	ng	99
27) 2,4-Dimethylphenol	9.63	122	629282	49.450	ng	98
28) bis(2-Chloroethoxy)methane	9.87	93	879914	39.221	ng	99
29) 2,4-Dichlorophenol	10.09	162	645738	45.817	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	610059	38.388	ng	99
31) Naphthalene	10.49	128	1889815	38.200	ng	100
32) Benzoic acid	9.76	122	125049	11.603	ng	97
33) 4-Chloroaniline	10.62	127	563840	27.804	ng	99
34) Hexachlorobutadiene	10.75	225	315705	34.617	ng	98
35) Caprolactam	11.45	113	156980	31.268	ng	97
36) 4-Chloro-3-methylphenol	11.75	107	755390	43.438	ng	97
37) 2-Methylnaphthalene	12.11	142	1425714	39.659	ng	99
38) 1-Methylnaphthalene	12.33	142	1353992	38.212	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	678212	37.279	ng	99

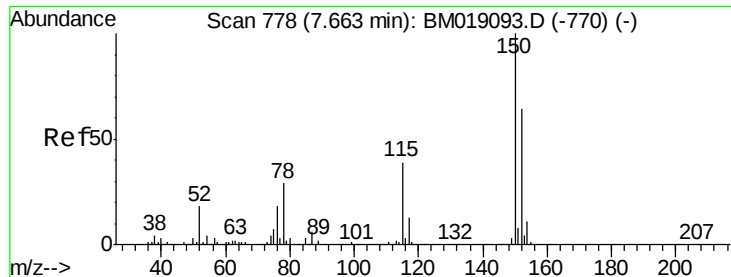
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
 Data File : BM019194.D
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Quant Time: Mar 16 01:35:49 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	513559	62.321	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	526234	44.760	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	555900	44.217	ng	99
46) 1,1'-Biphenyl	13.13	154	1842557	36.685	ng	100
47) 2-Chloronaphthalene	13.18	162	1452981	38.756	ng	100
48) 2-Nitroaniline	13.41	65	533446	42.427	ng	96
49) Acenaphthylene	14.03	152	2381594	37.570	ng	100
50) Dimethylphthalate	13.78	163	2268365	46.106	ng	99
51) 2,6-Dinitrotoluene	13.91	165	431584	40.580	ng	98
52) Acenaphthene	14.37	154	1364478	37.460	ng	99
53) 3-Nitroaniline	14.24	138	375767	33.359	ng	96
54) 2,4-Dinitrophenol	14.46	184	218565	35.386	ng	97
55) Dibenzofuran	14.71	168	2243546	38.193	ng	99
56) 4-Nitrophenol	14.56	139	720053	78.293	ng	98
57) 2,4-Dinitrotoluene	14.70	165	619861	40.151	ng	99
58) Fluorene	15.36	166	1839522	37.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	497550	42.511	ng	99
60) Diethylphthalate	15.14	149	1931820	38.769	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	910263	38.707	ng	96
62) 4-Nitroaniline	15.42	138	429878	37.868	ng	99
63) Azobenzene	15.66	77	2026668	38.652	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	239202	28.461	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1611986	39.478	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	542920	38.386	ng	97
68) Hexachlorobenzene	16.36	284	654418	38.918	ng	98
69) Atrazine	16.54	200	581794	42.327	ng	99
70) Pentachlorophenol	16.72	266	774705	76.470	ng	100
71) Phenanthrene	17.11	178	2798730	37.229	ng	100
72) Anthracene	17.20	178	2881157	39.149	ng	99
73) Carbazole	17.48	167	2714557	39.081	ng	99
74) Di-n-butylphthalate	18.03	149	3352757	39.916	ng	100
75) Fluoranthene	19.13	202	3127570	36.257	ng	99
77) Benzidine	19.33	184	500209	15.070	ng	100
78) Pyrene	19.50	202	3149647	42.535	ng	100
80) Butylbenzylphthalate	20.40	149	1555765	48.237	ng	98
81) Benzo(a)anthracene	21.25	228	2746000	37.400	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	986028	34.861	ng	98
83) Chrysene	21.30	228	2620683	36.894	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2327429	49.602	ng	100
85) Di-n-octyl phthalate	22.05	149	3771449	47.733	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2623806	34.314	ng	100
88) Benzo(b)fluoranthene	22.83	252	2460005	37.778	ng	99
89) Benzo(k)fluoranthene	22.87	252	2457696	41.035	ng	99
90) Benzo(a)pyrene	23.41	252	2291523	39.159	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2270272	40.556	ng	100
92) Benzo(g,h,i)perylene	26.46	276	2123351	41.316	ng	99

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

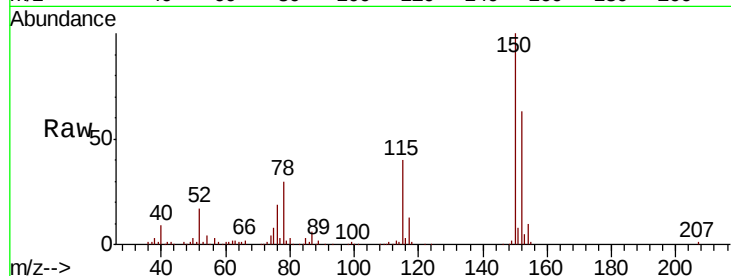


#1

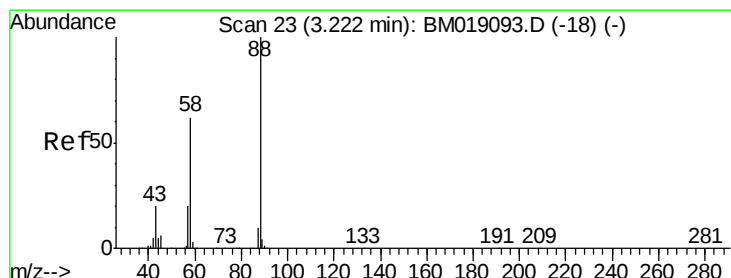
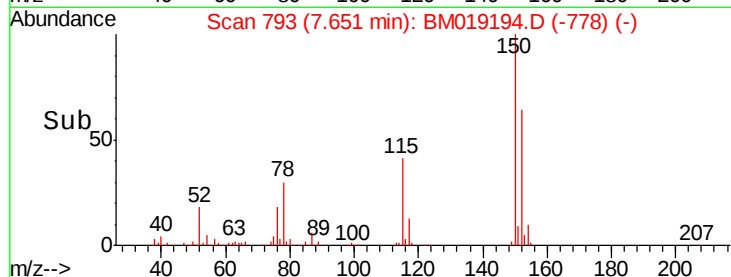
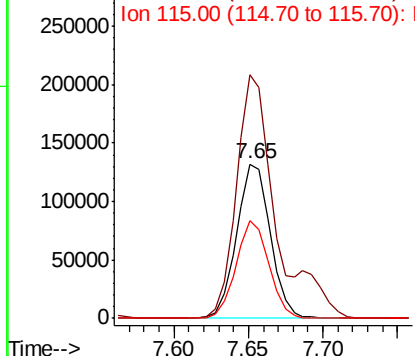
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tgt Ion: 152 Resp: 206493
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 63.6 49.4 74.0



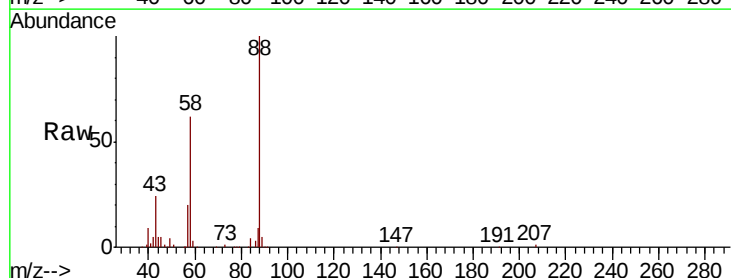
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



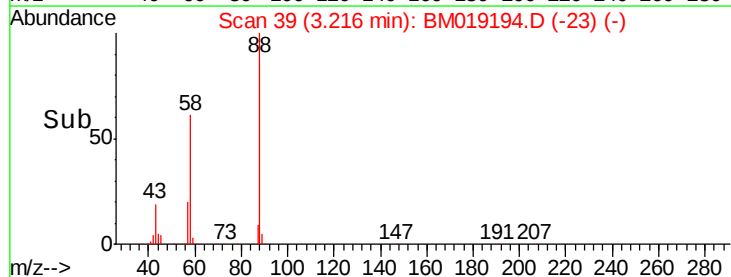
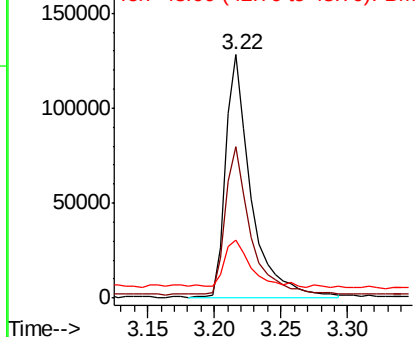
#2

1,4-Dioxane
Concen: 29.694 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion: 88 Resp: 168428
Ion Ratio Lower Upper
88 100
58 61.6 50.0 75.0
43 20.1 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

Pyridine

Concen: 22.551 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

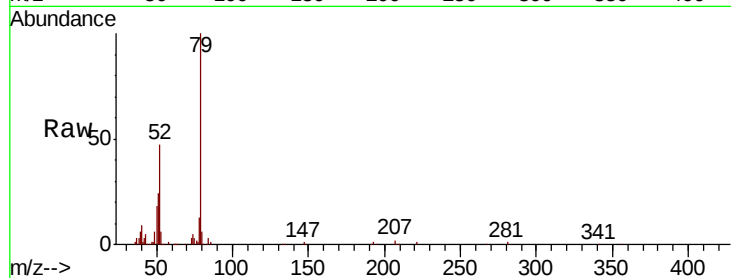
Tgt Ion: 79 Resp: 347994

Ion Ratio Lower Upper

79 100

52 47.4 37.5 56.3

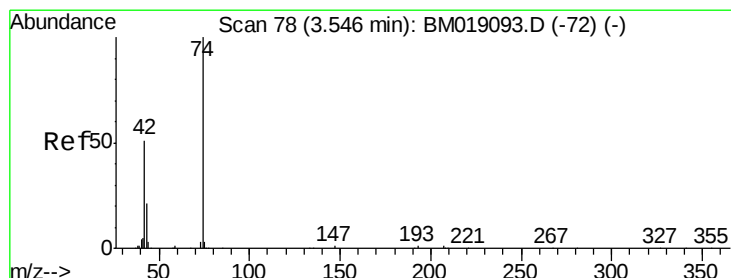
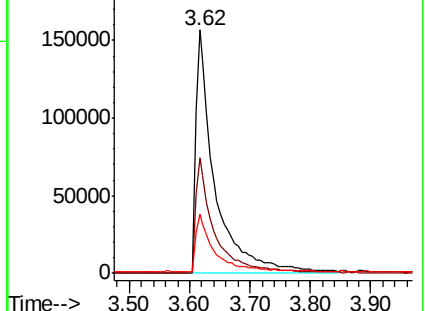
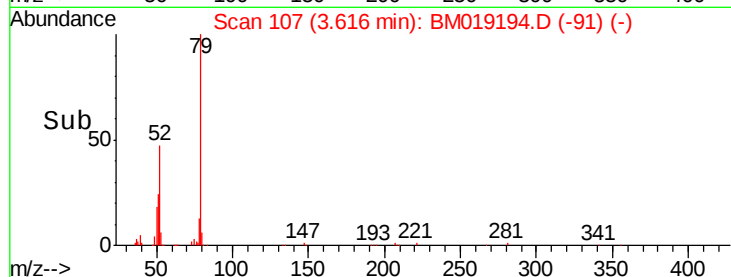
51 24.4 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019194.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM019194.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM019194.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 34.415 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

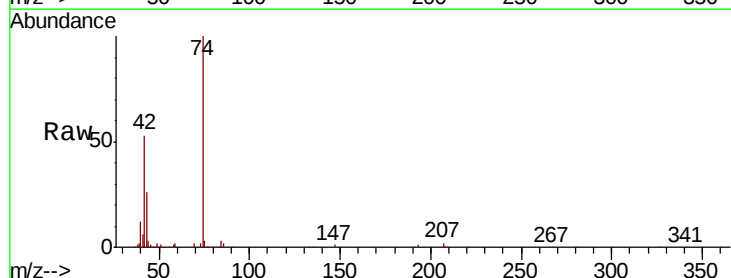
Tgt Ion: 42 Resp: 165107

Ion Ratio Lower Upper

42 100

74 187.4 156.3 234.5

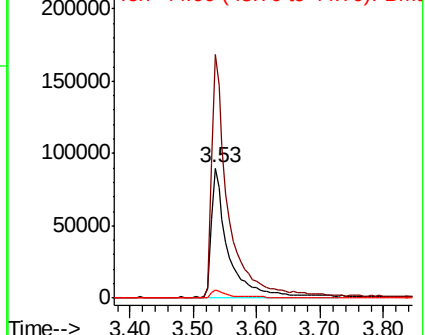
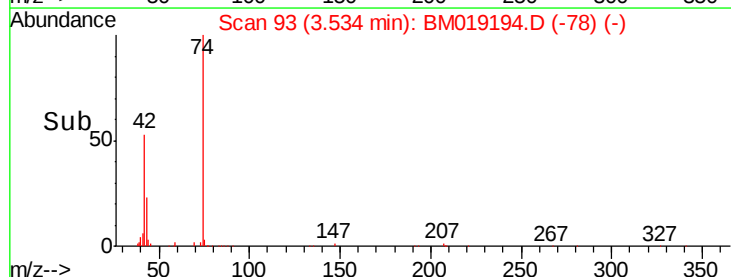
44 6.1 4.6 7.0

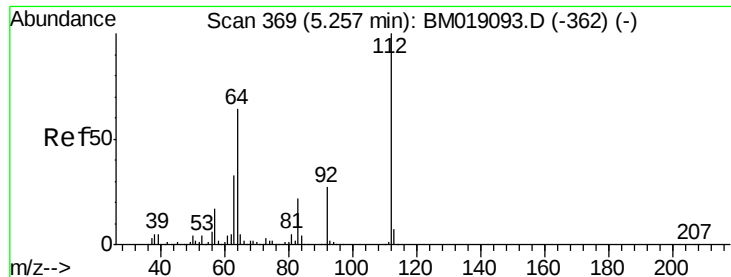


Abundance Ion 42.00 (41.70 to 42.70): BM019194.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BM019194.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BM019194.D (-78) (-)





#5

2-Fluorophenol

Concen: 139.899 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

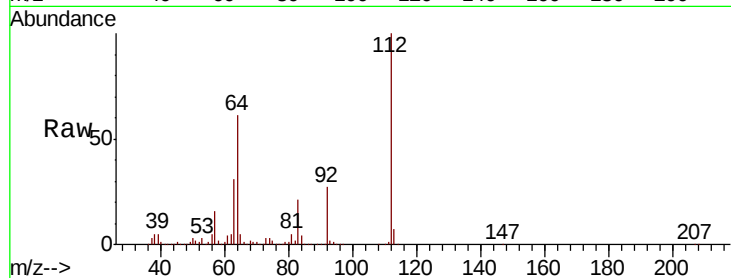
Tgt Ion: 112 Resp: 1783793

Ion Ratio Lower Upper

112 100

64 61.5 51.4 77.0

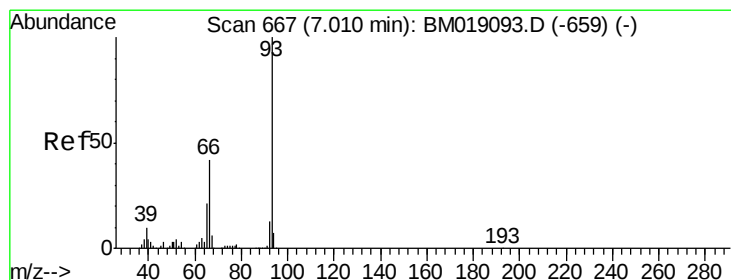
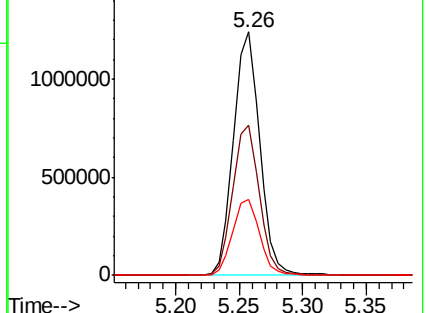
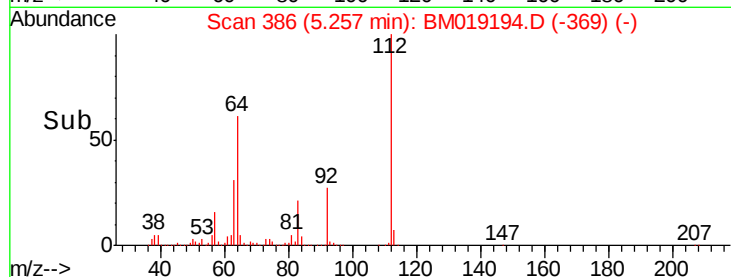
63 31.3 26.6 40.0



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: 29.846 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

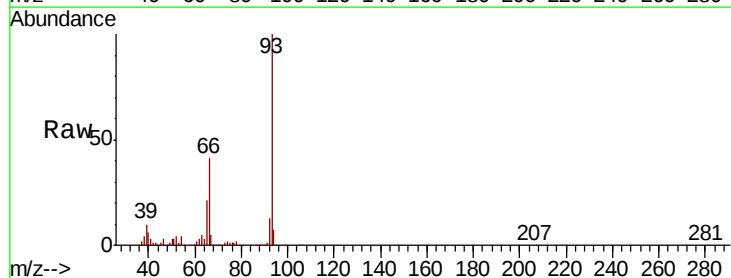
Tgt Ion: 93 Resp: 718668

Ion Ratio Lower Upper

93 100

66 41.4 33.4 50.2

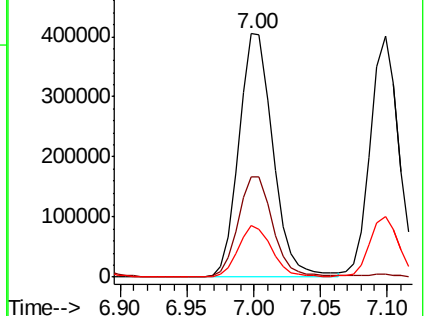
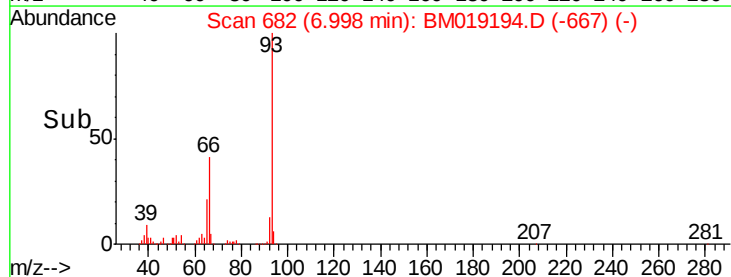
65 21.2 16.8 25.2

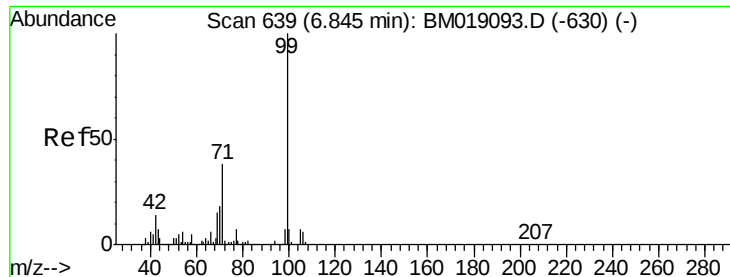


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 143.572 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

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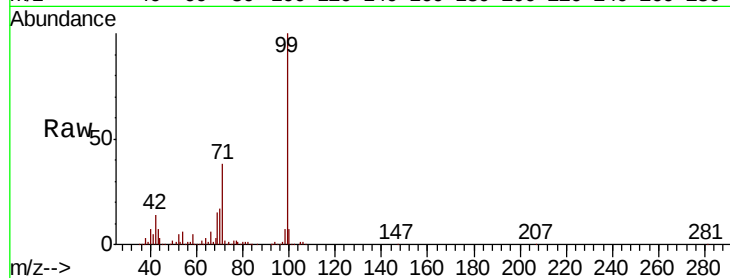
Tgt Ion: 99 Resp: 2677679

Ion Ratio Lower Upper

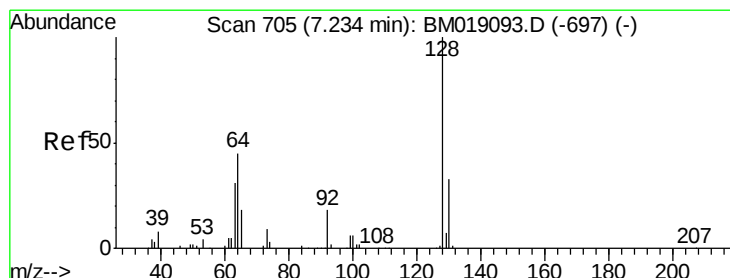
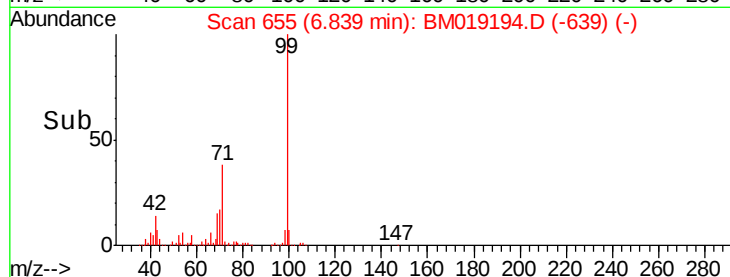
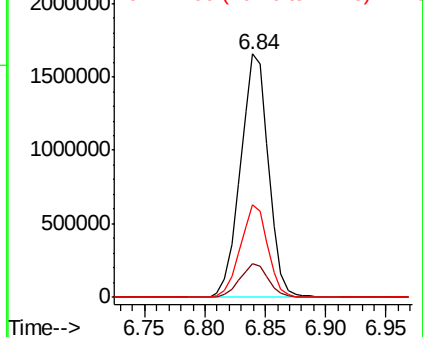
99 100

42 13.8 10.9 16.3

71 38.0 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BMC
Ion 42.00 (41.70 to 42.70): BMC
Ion 71.00 (70.70 to 71.70): BMC



#8

2-Chlorophenol

Concen: 42.278 ng

RT: 7.22 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

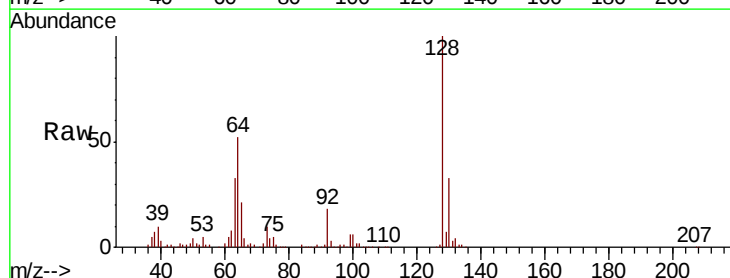
Tgt Ion: 128 Resp: 647801

Ion Ratio Lower Upper

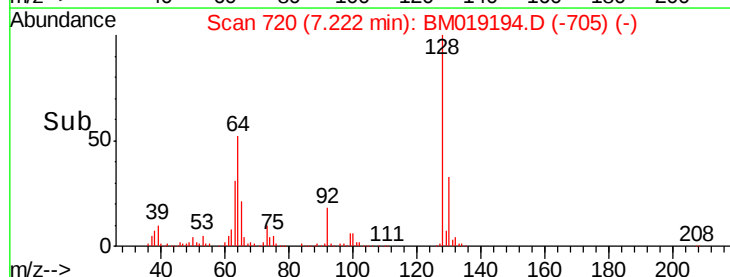
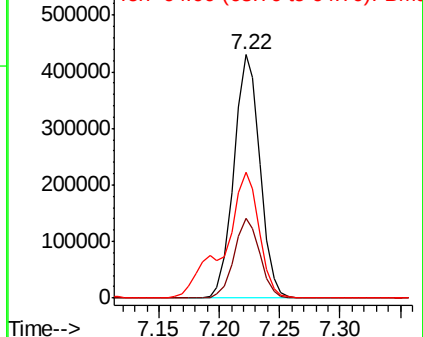
128 100

130 32.8 12.8 52.8

64 51.7 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): BMC
Ion 130.00 (129.70 to 130.70): BMC
Ion 64.00 (63.70 to 64.70): BMC





#9

Benzaldehyde

Concen: 23.705 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

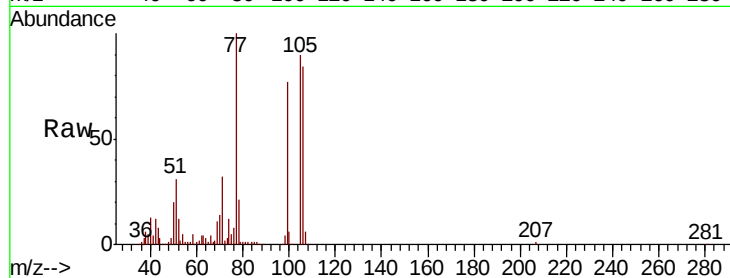
Tgt Ion: 77 Resp: 278082

Ion Ratio Lower Upper

77 100

105 90.3 67.7 107.7

106 84.4 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM019093.D (-628) (-)

6.82

150000

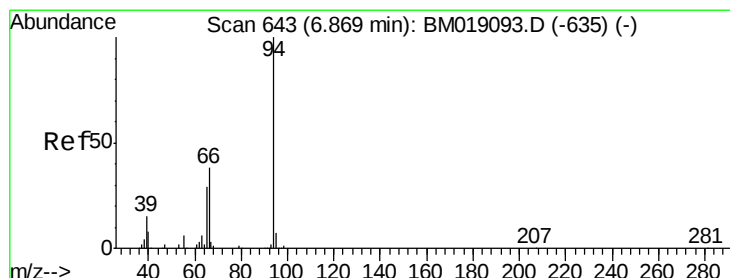
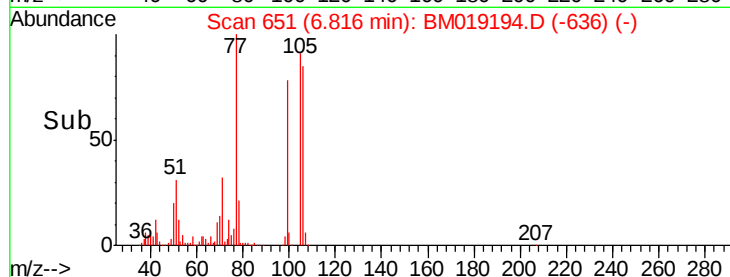
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#10

Phenol

Concen: 50.552 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

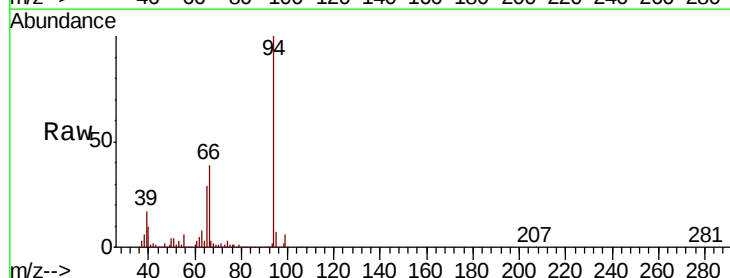
Tgt Ion: 94 Resp: 1016094

Ion Ratio Lower Upper

94 100

65 29.5 9.7 49.7

66 38.8 19.2 59.2



Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

6.87

800000

600000

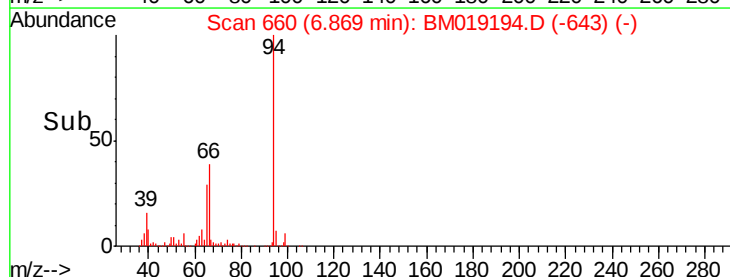
400000

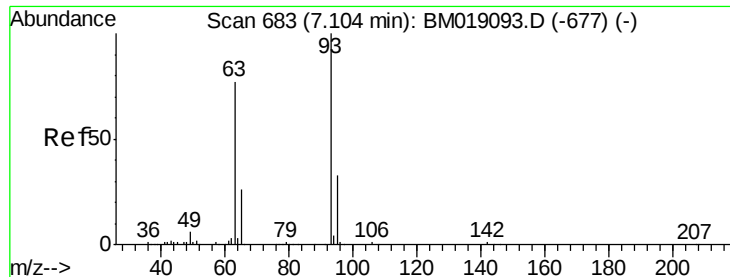
200000

0

6.80 6.85 6.90 6.95

Time-->

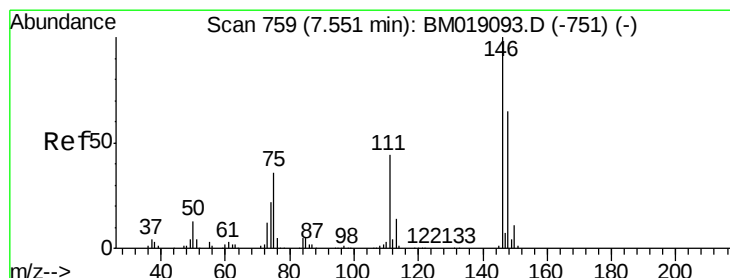
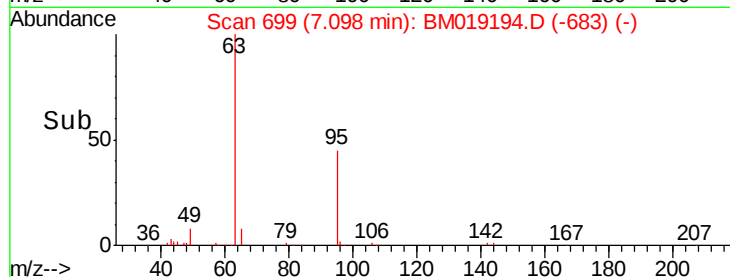
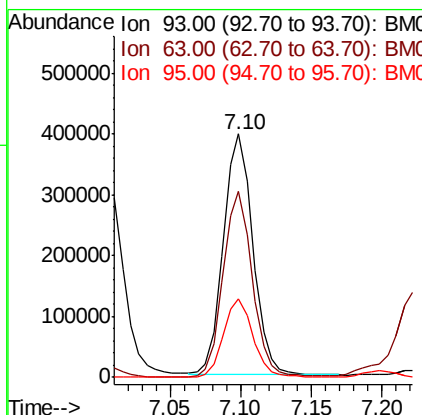
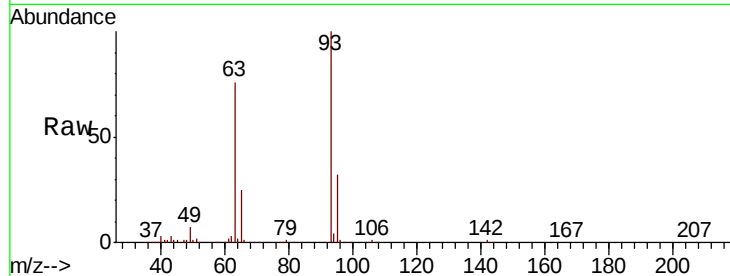




#11
bis(2-Chloroethyl)ether
Concen: 37.736 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

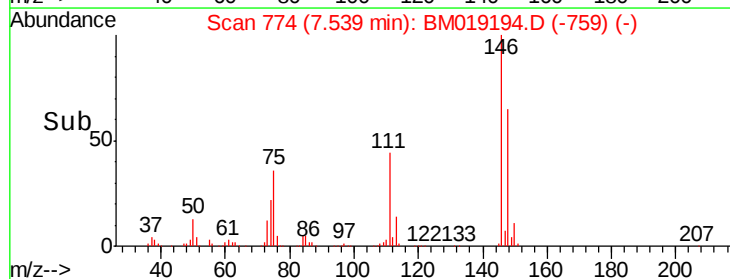
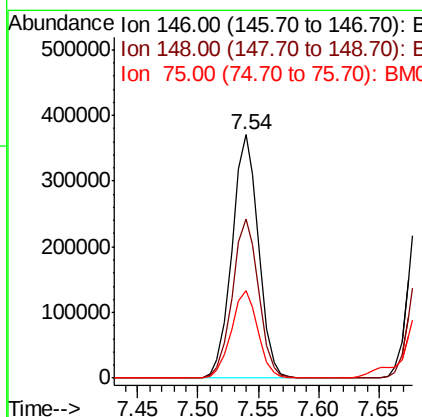
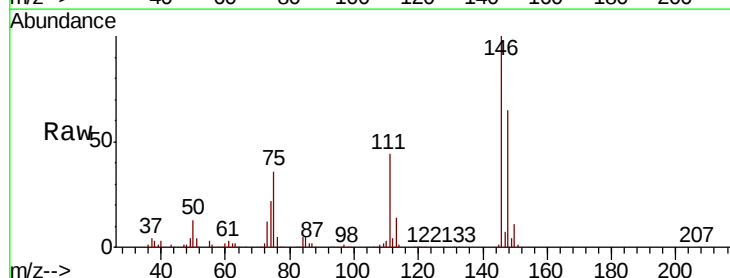
Instrument :
BNA_M
ClientSampled :
TP-5MS

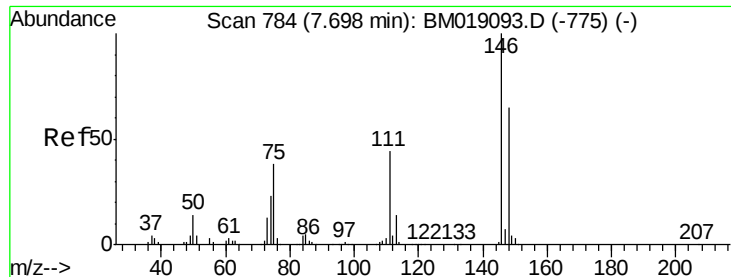
Tgt Ion: 93 Resp: 578769
Ion Ratio Lower Upper
93 100
63 76.3 56.6 96.6
95 32.4 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 34.868 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion: 146 Resp: 565380
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
75 36.1 29.1 43.7

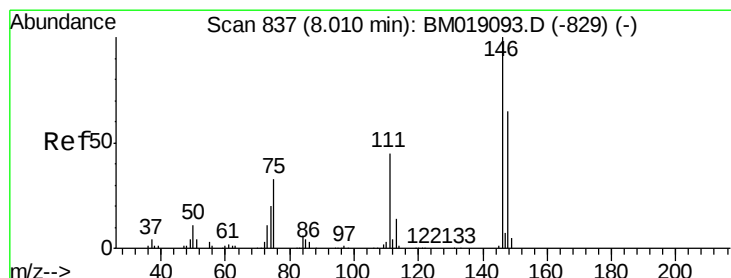
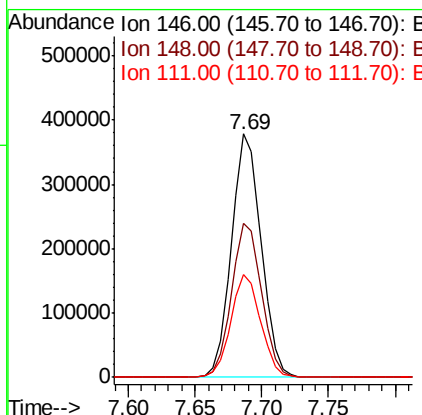
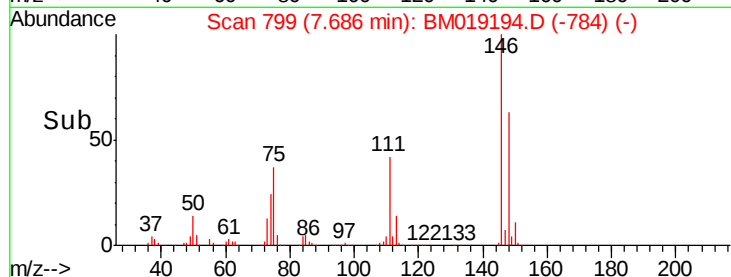
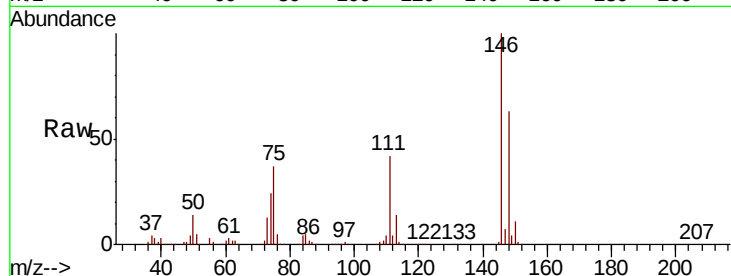




#13
 1,4-Dichlorobenzene
 Concen: 35.579 ng
 RT: 7.69 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

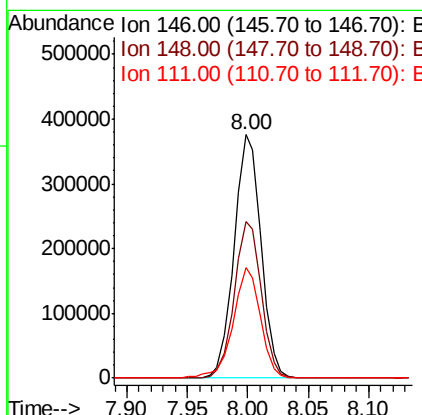
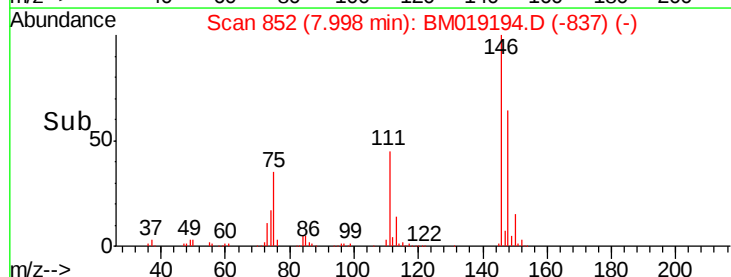
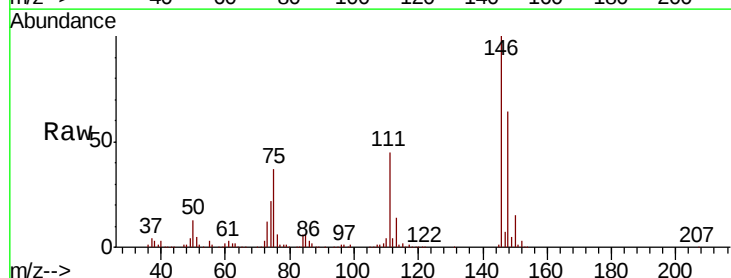
Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

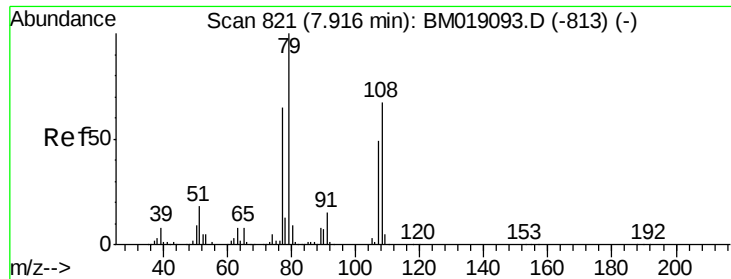
Tgt Ion:146 Resp: 588175
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.8 77.6
 111 42.2 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 36.284 ng
 RT: 8.00 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion:146 Resp: 583588
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.6
 111 45.3 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.025 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

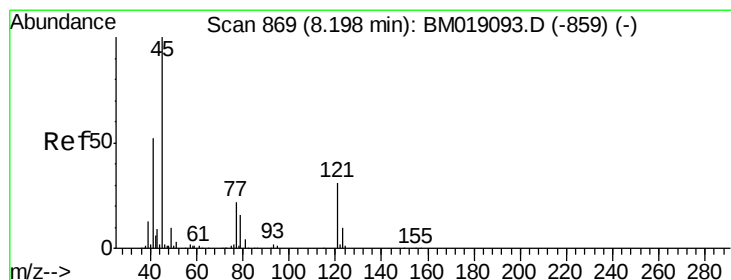
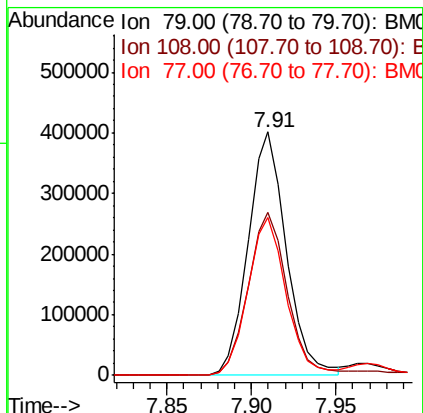
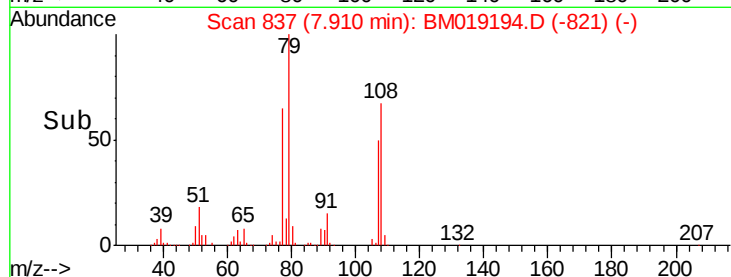
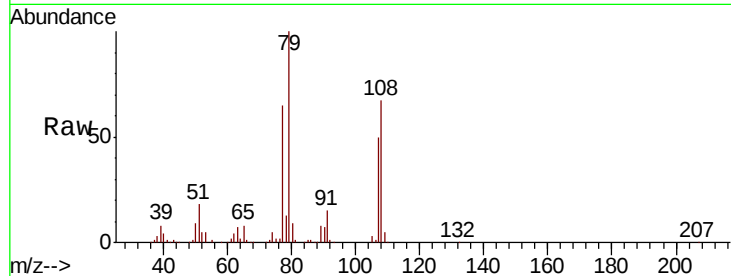
Tgt Ion: 79 Resp: 633250

Ion Ratio Lower Upper

79 100

108 67.1 53.7 80.5

77 64.8 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.002 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

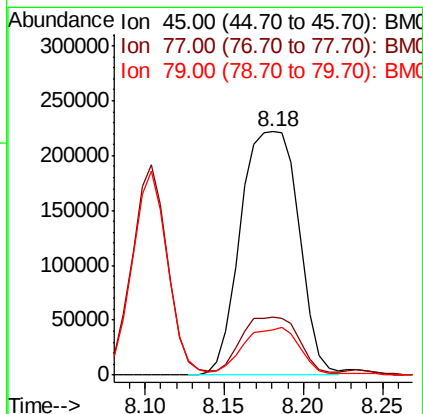
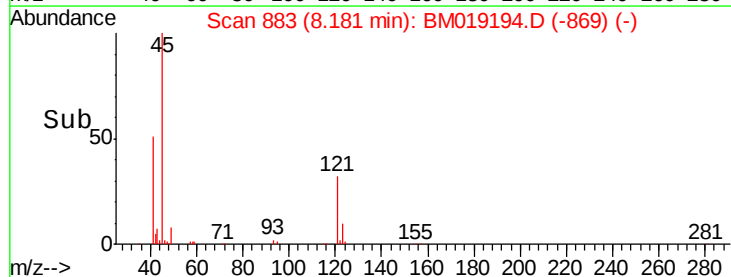
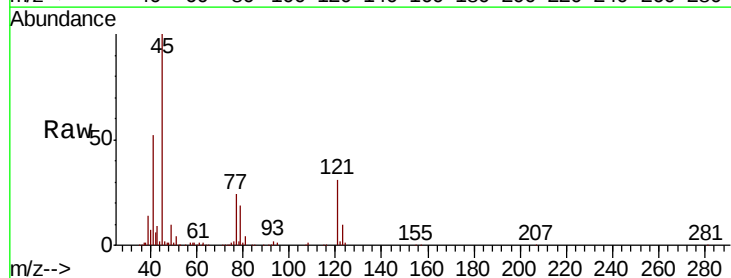
Tgt Ion: 45 Resp: 563812

Ion Ratio Lower Upper

45 100

77 24.1 4.1 44.1

79 18.5 0.0 38.1

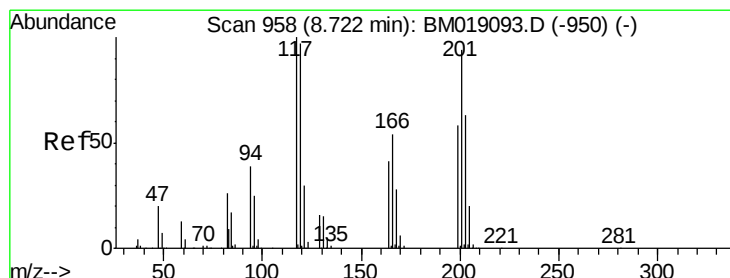
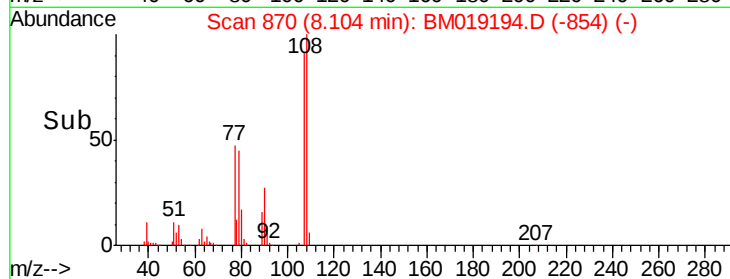
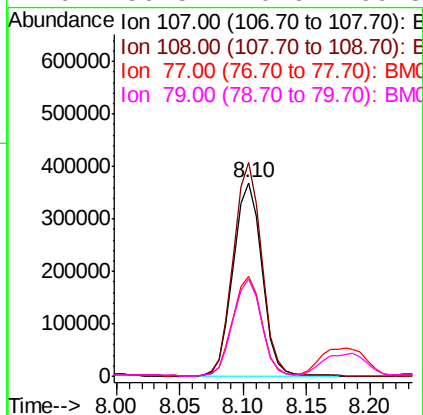
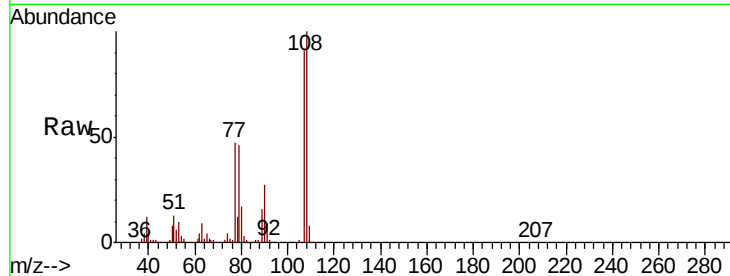




#17
2-Methylphenol
Concen: 43.933 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

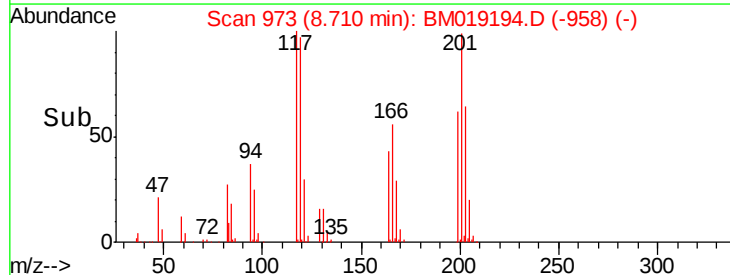
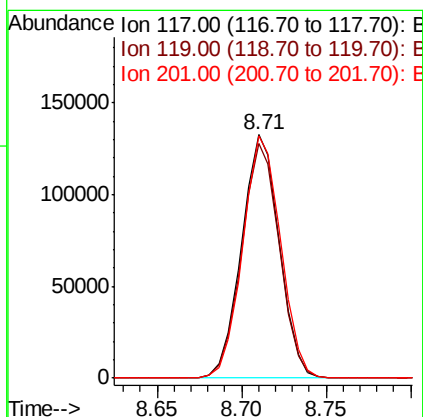
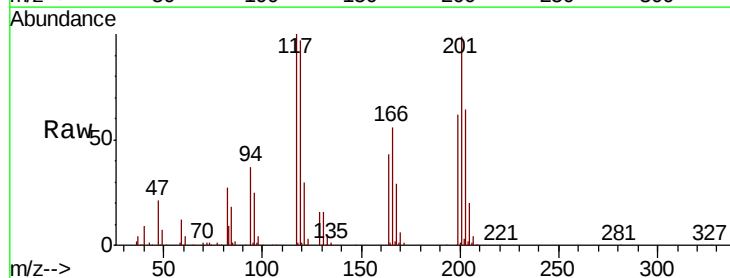
Instrument :
BNA_M
ClientSampleId :
TP-5MS

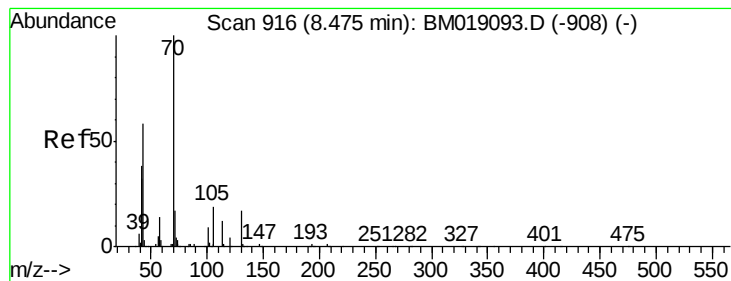
Tgt Ion:	107	Resp:	575435
Ion	Ratio	Lower	Upper
107	100		
108	110.4	87.4	131.2
77	51.9	41.6	62.4
79	50.5	40.6	60.8



#18
Hexachloroethane
Concen: 33.574 ng
RT: 8.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:	117	Resp:	206242
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.2
201	99.3	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.821 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

Tgt Ion: 70 Resp: 578699

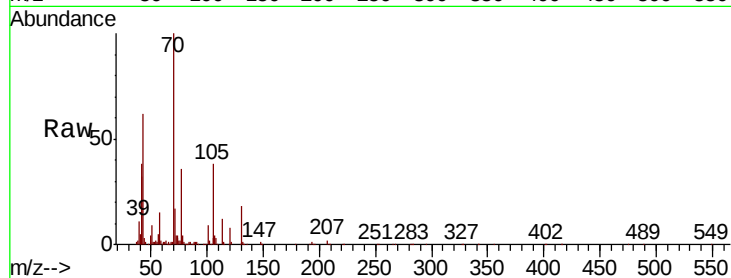
Ion Ratio Lower Upper

70 100

42 38.0 30.6 45.8

101 9.1 6.8 10.2

130 18.4 13.9 20.9

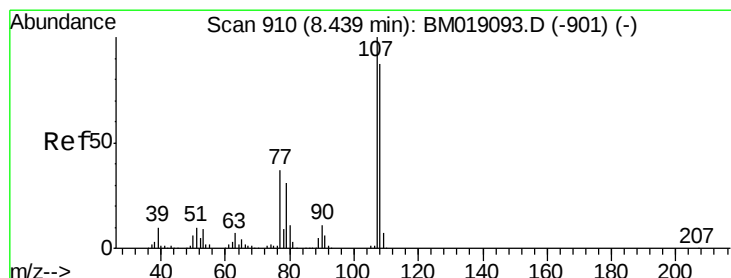
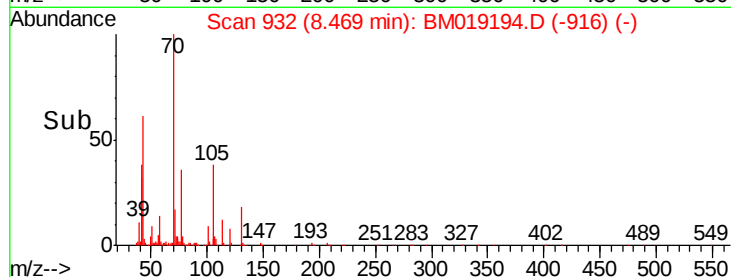
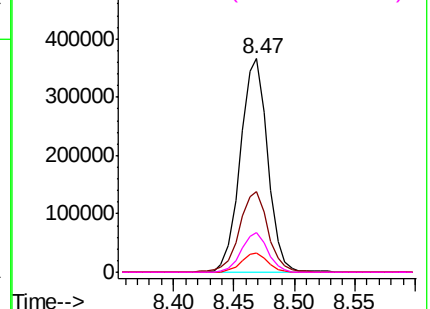


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 44.591 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Tgt Ion: 107 Resp: 792775

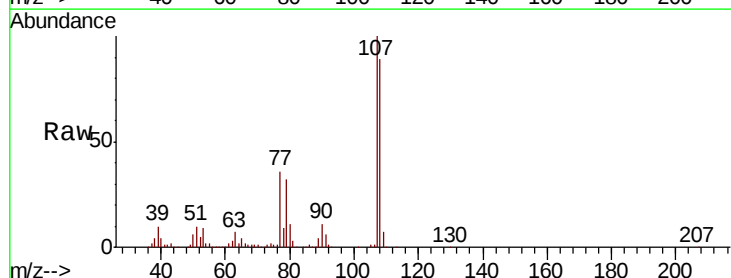
Ion Ratio Lower Upper

107 100

108 89.1 67.0 107.0

77 36.3 17.3 57.3

79 31.9 11.6 51.6

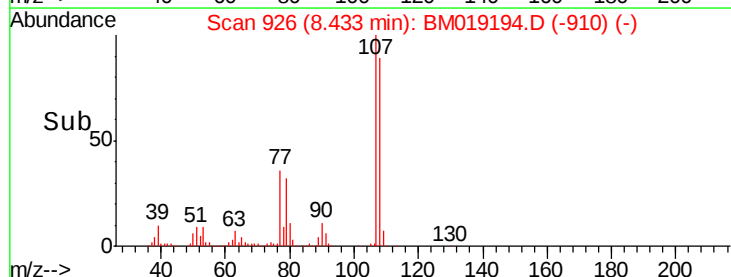
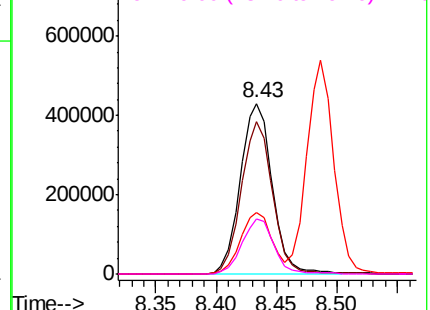


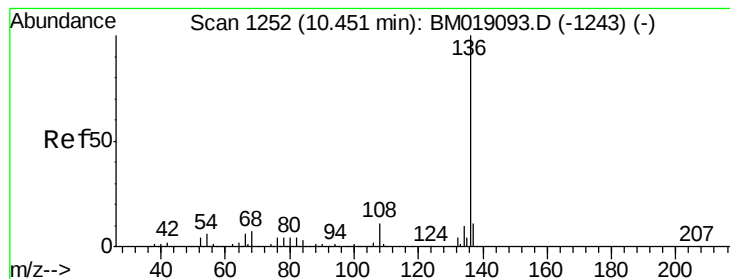
Abundance Ion 107.00 (106.70 to 107.70): E

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: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

Tgt Ion:136 Resp: 938599

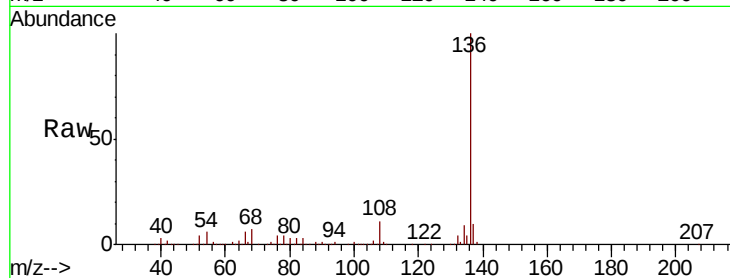
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 6.4 5.2 7.8

68 7.2 5.8 8.8

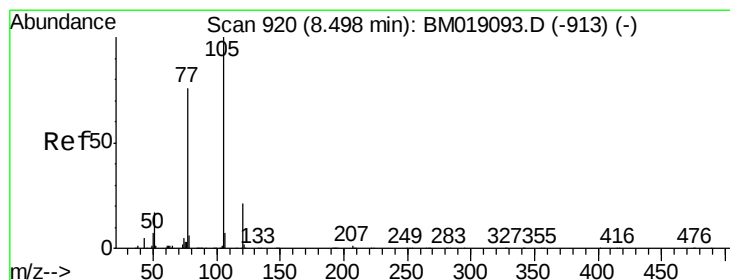
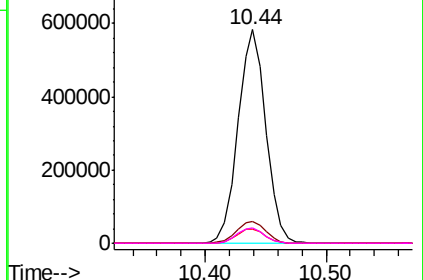
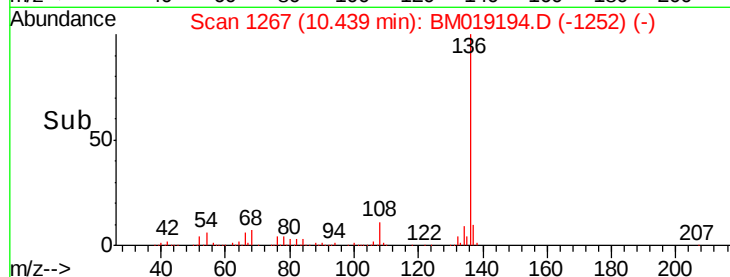


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.102 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Tgt Ion:105 Resp: 962380

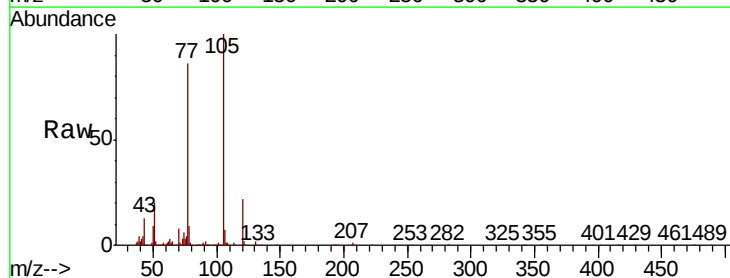
Ion Ratio Lower Upper

105 100

71 1.5 0.8 1.2#

51 19.8 15.8 23.6

120 21.5 17.0 25.4

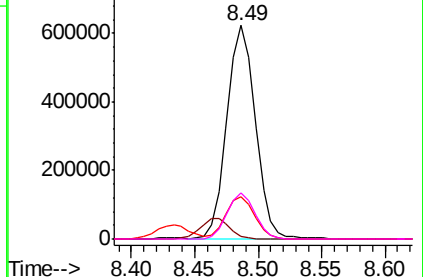
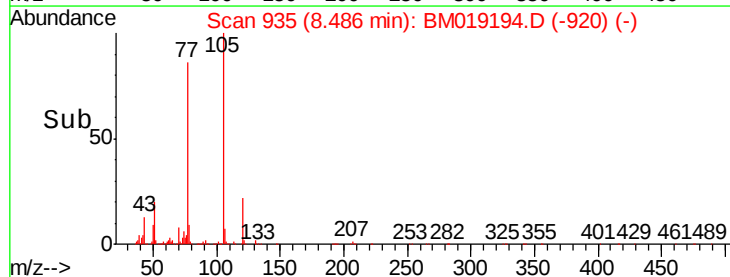


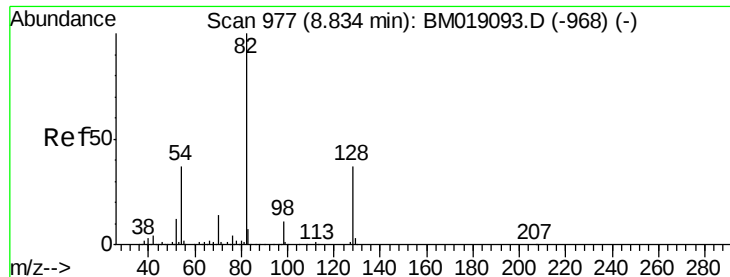
Abundance Ion 105.00 (104.70 to 105.70): E

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

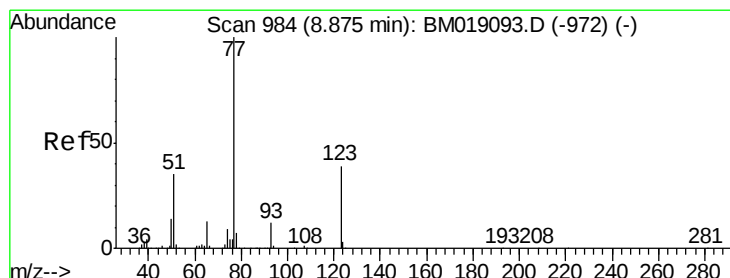
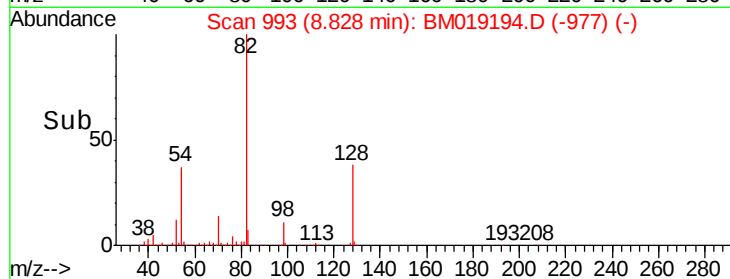
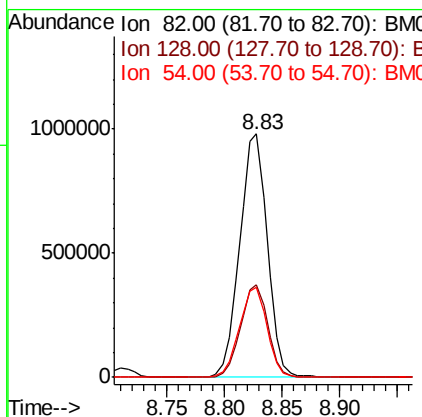
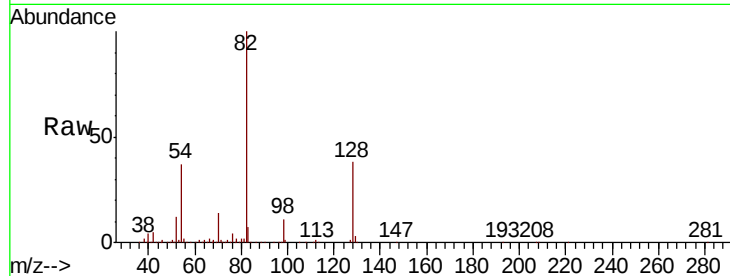




#23
 Nitrobenzene-d5
 Concen: 82.117 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

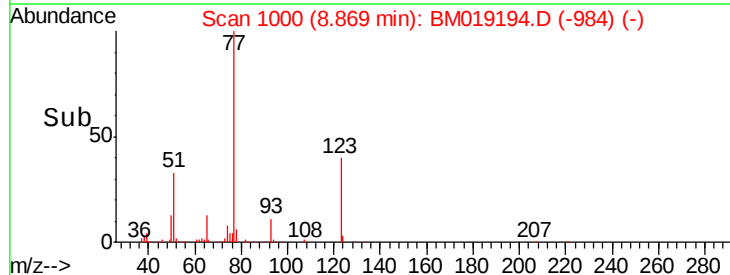
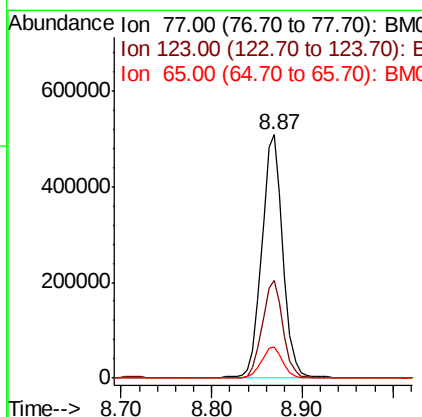
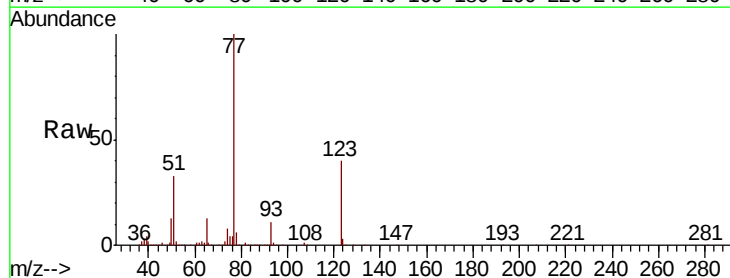
Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

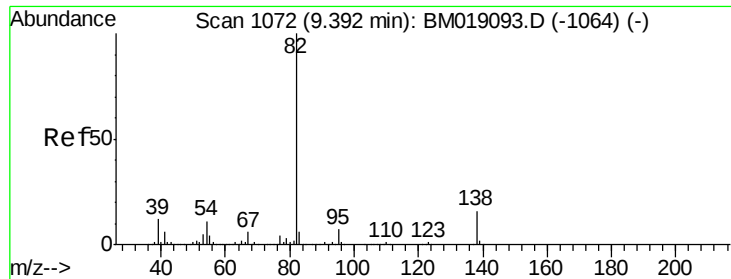
Tgt Ion: 82 Resp: 1630521
 Ion Ratio Lower Upper
 82 100
 128 38.3 29.4 44.2
 54 36.8 29.9 44.9



#24
 Nitrobenzene
 Concen: 39.592 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion: 77 Resp: 817599
 Ion Ratio Lower Upper
 77 100
 123 40.1 31.3 46.9
 65 13.0 10.5 15.7

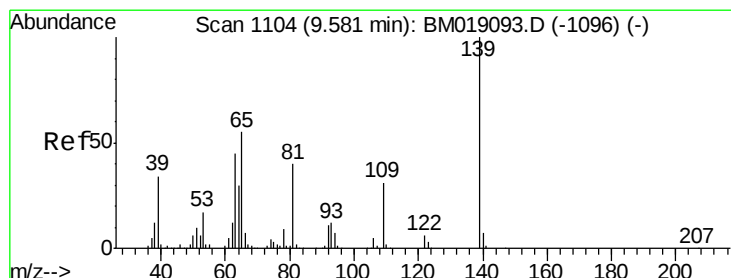
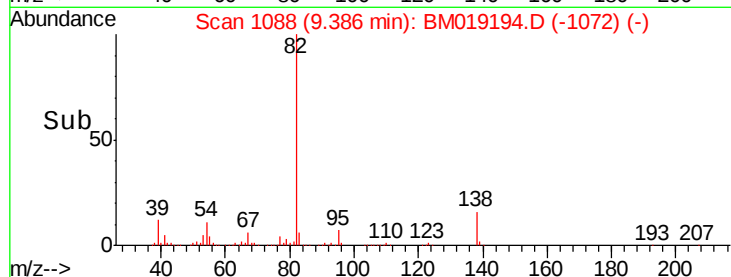
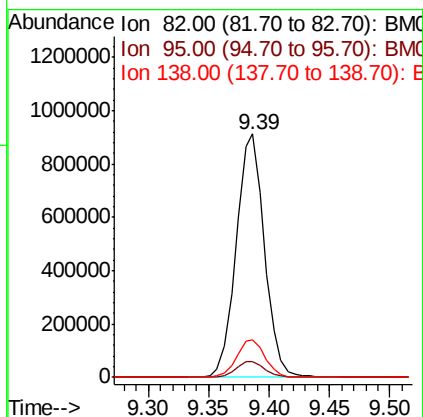
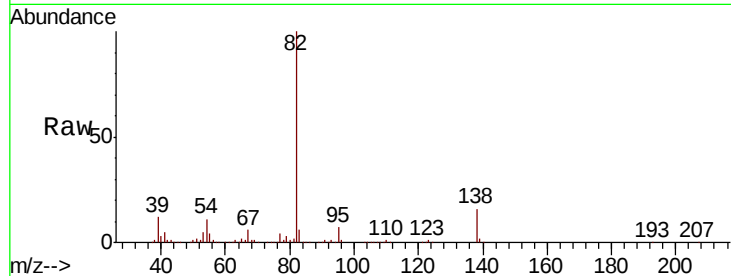




#25
Isophorone
Concen: 39.321 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

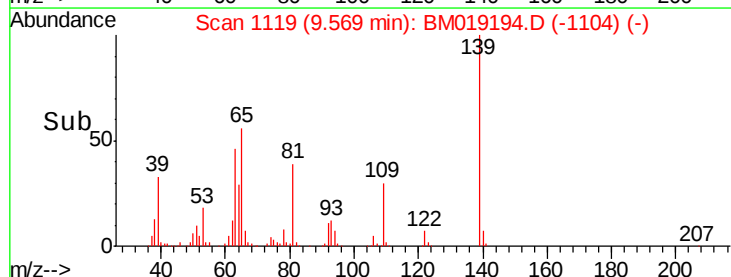
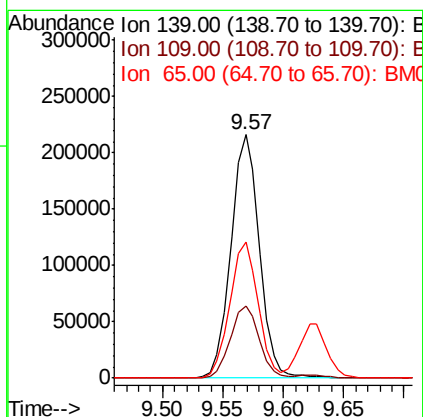
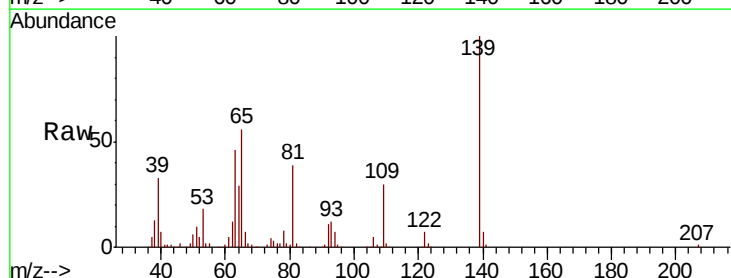
Instrument :
BNA_M
ClientSampleId :
TP-5MS

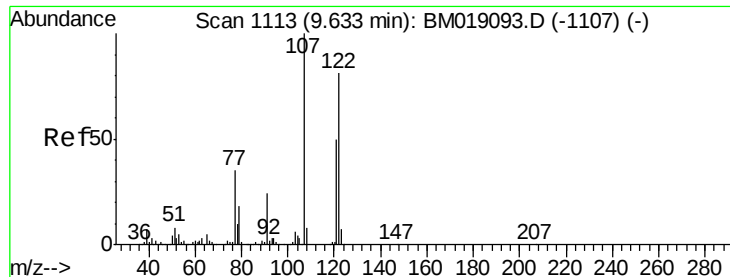
Tgt Ion: 82 Resp: 1489797
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 15.5 12.6 18.8



#26
2-Nitrophenol
Concen: 41.541 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion: 139 Resp: 355583
Ion Ratio Lower Upper
139 100
109 29.8 24.5 36.7
65 55.8 44.4 66.6

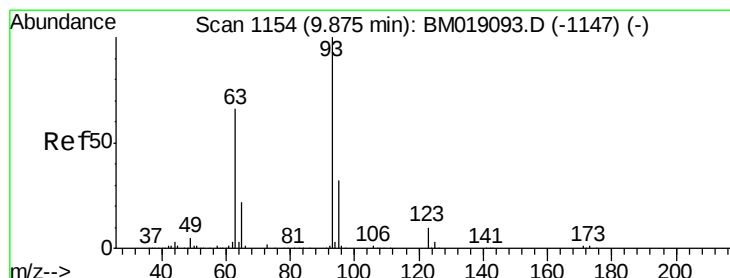
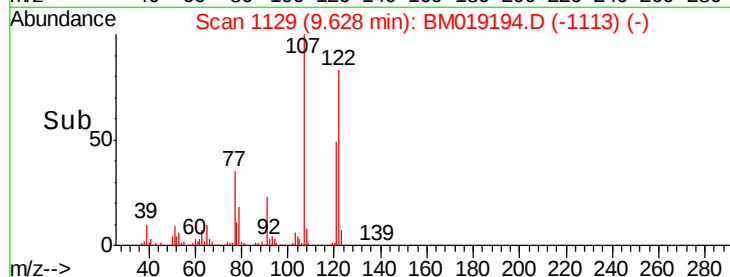
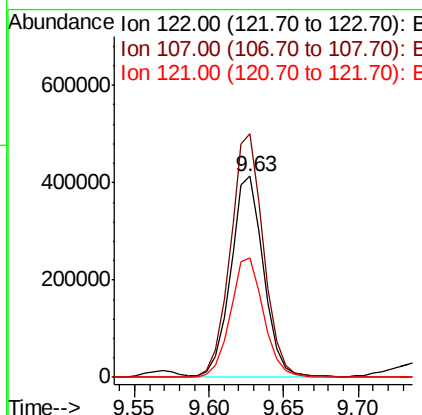
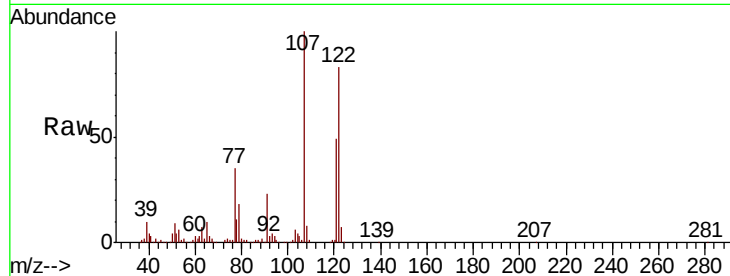




#27
 2,4-Dimethylphenol
 Concen: 49.450 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

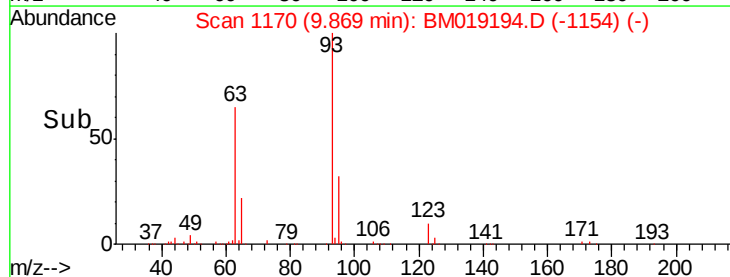
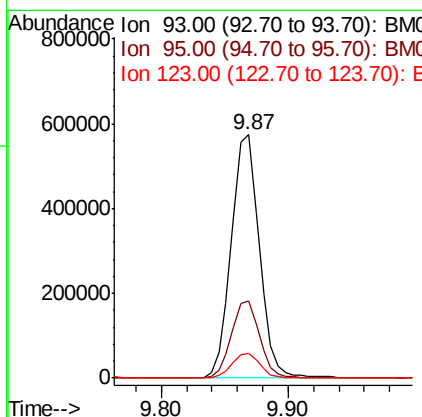
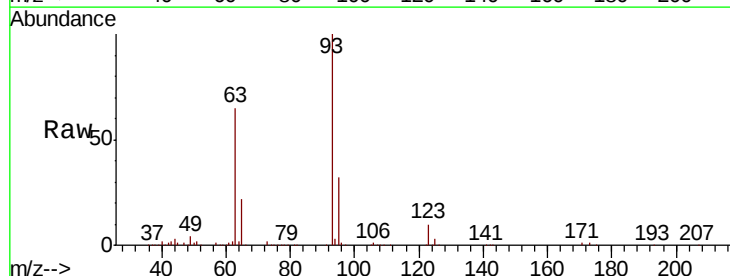
Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

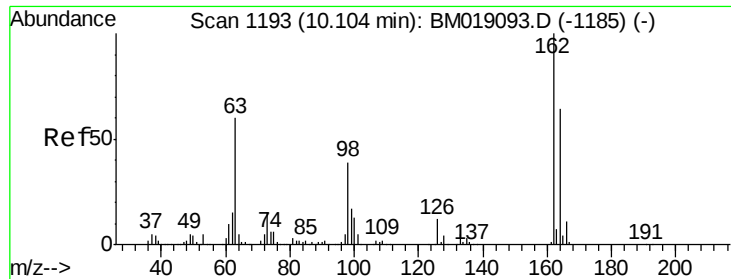
Tgt Ion: 122 Resp: 629282
 Ion Ratio Lower Upper
 122 100
 107 121.0 98.2 147.4
 121 59.4 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.221 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion: 93 Resp: 879914
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.8 38.8
 123 10.2 7.9 11.9

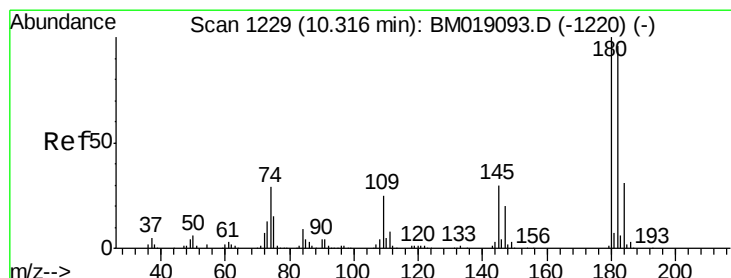
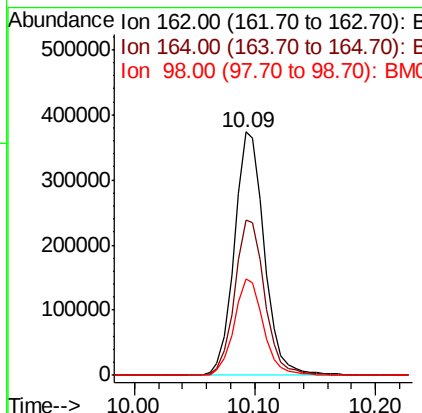
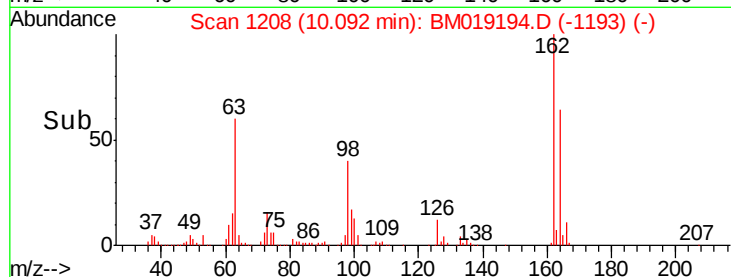
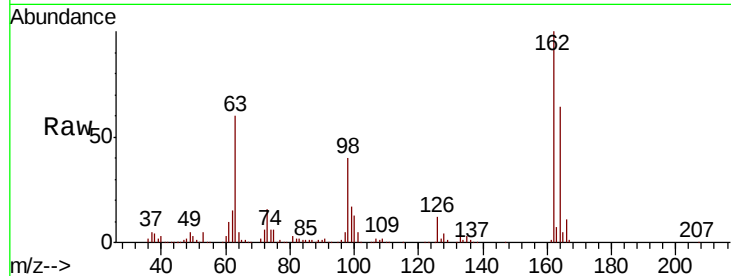




#29
2,4-Dichlorophenol
Concen: 45.817 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

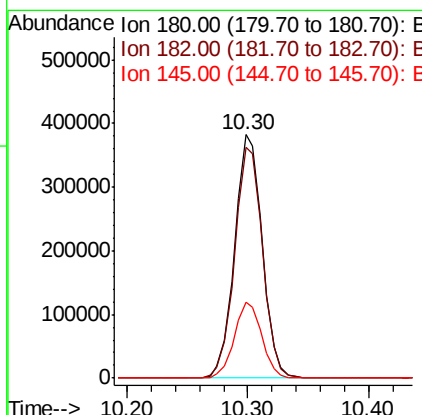
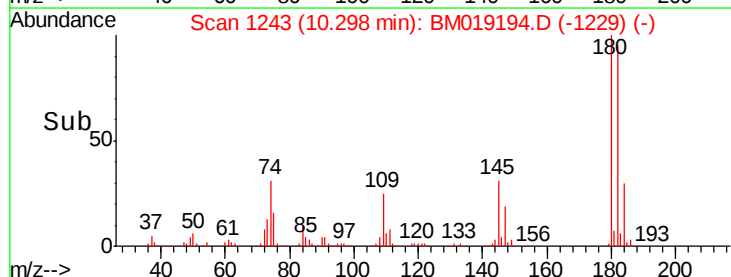
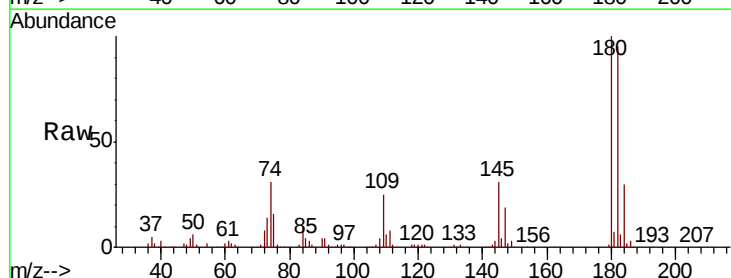
Instrument :
BNA_M
ClientSampleId :
TP-5MS

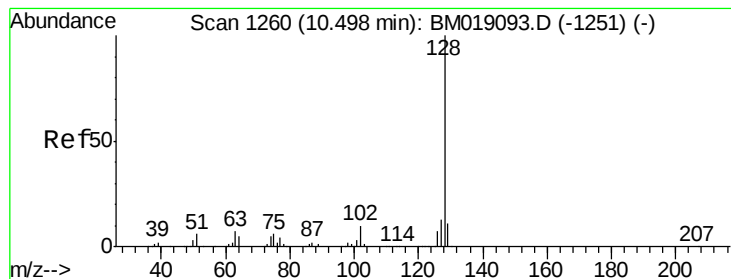
Tgt Ion:162 Resp: 645738
Ion Ratio Lower Upper
162 100
164 64.0 43.5 83.5
98 39.8 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 38.388 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:180 Resp: 610059
Ion Ratio Lower Upper
180 100
182 94.7 76.6 114.8
145 31.1 24.3 36.5





#31

Naphthalene

Concen: 38.200 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampled :

TP-5MS

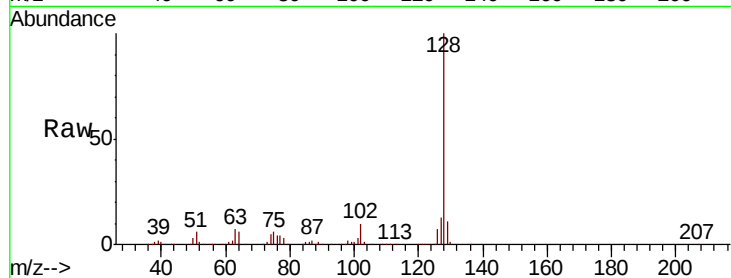
Tgt Ion:128 Resp: 1889815

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

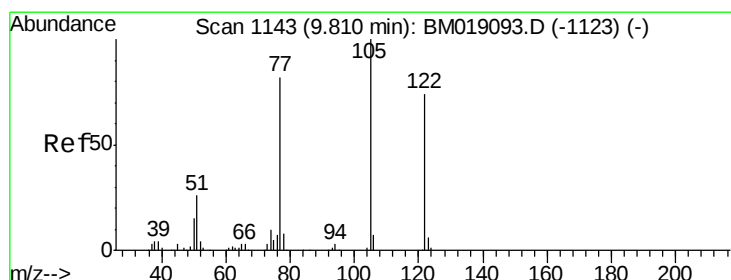
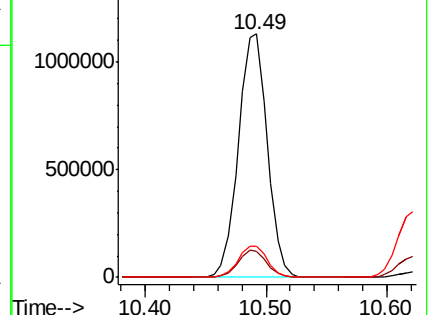
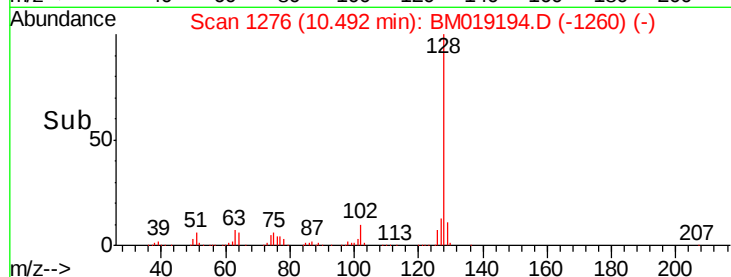
127 13.0 10.4 15.6



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: 11.603 ng

RT: 9.76 min Scan# 1151

Delta R.T. -0.05 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

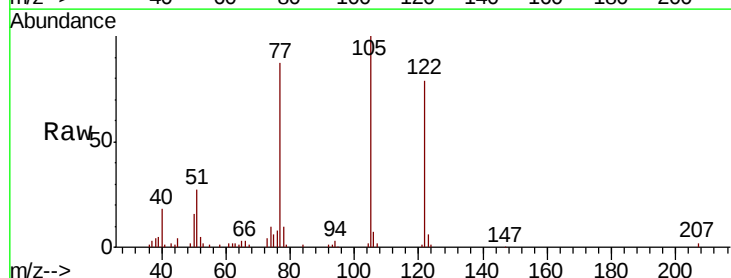
Tgt Ion:122 Resp: 125049

Ion Ratio Lower Upper

122 100

105 126.7 113.0 153.0

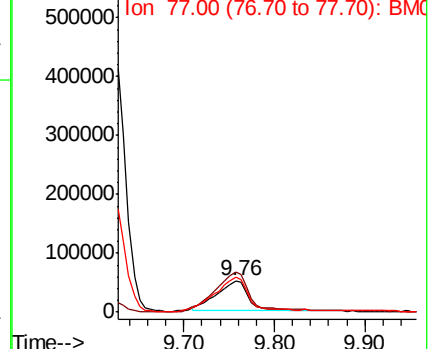
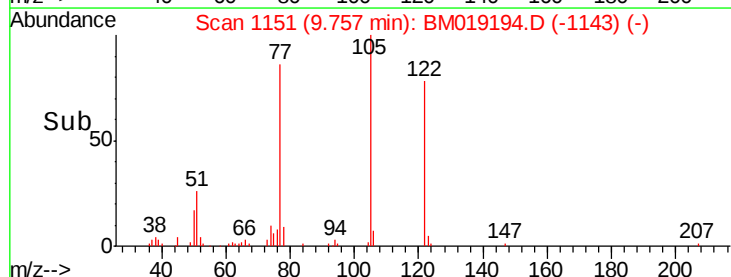
77 109.8 90.1 130.1

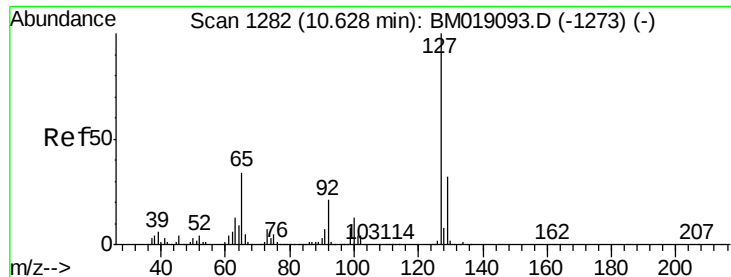


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

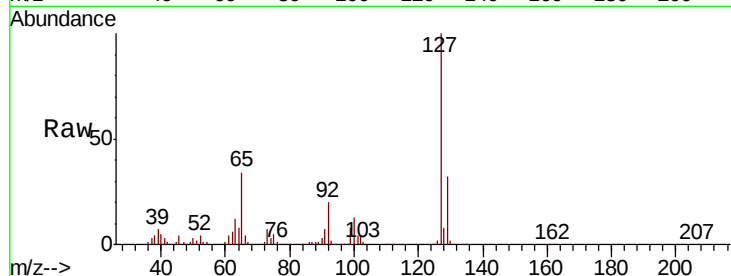




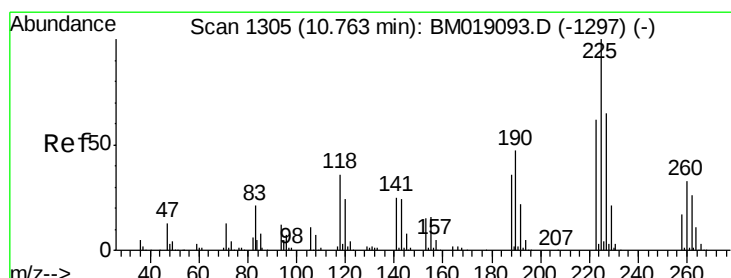
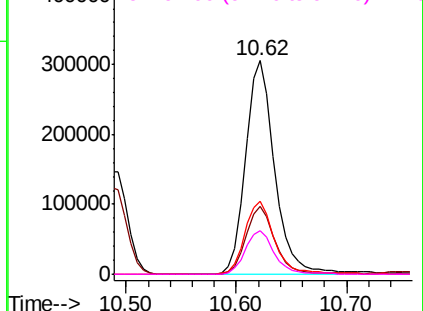
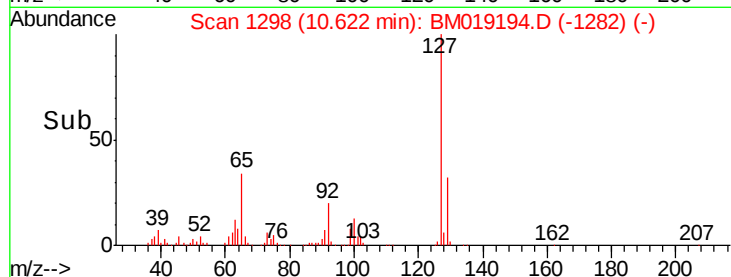
#33
4-Chloroaniline
Concen: 27.804 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tgt Ion:	127	Resp:	563840
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.3	37.9
65	34.4	27.4	41.2
92	20.4	16.8	25.2

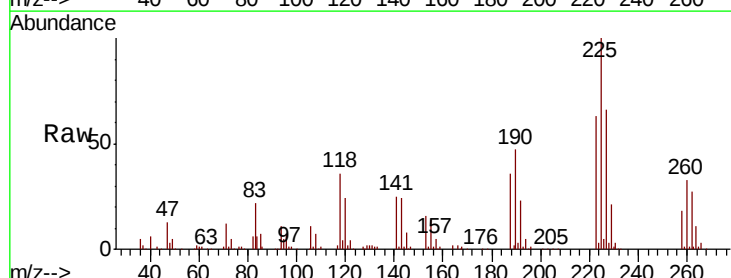


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

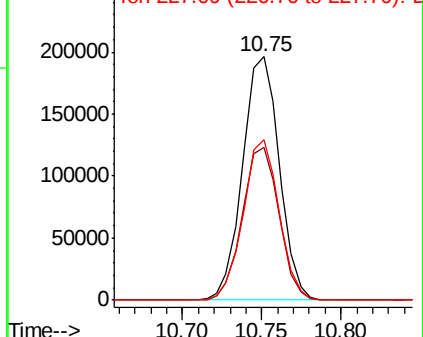
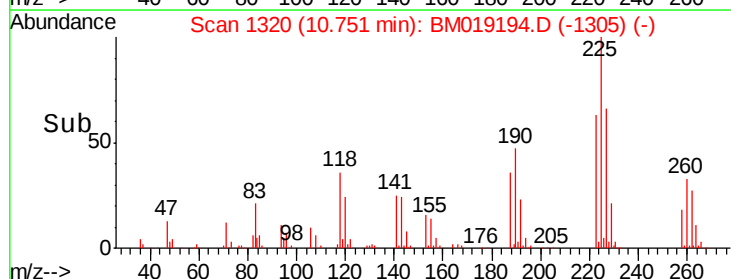


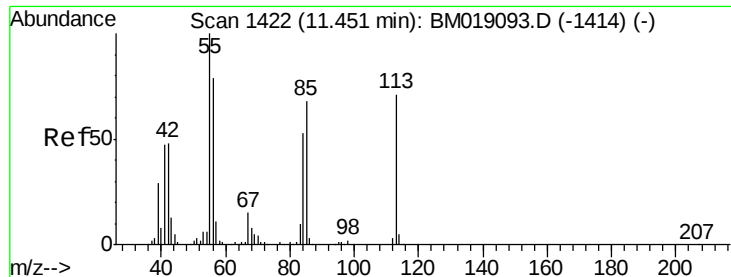
#34
Hexachlorobutadiene
Concen: 34.617 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:	225	Resp:	315705
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	66.0	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

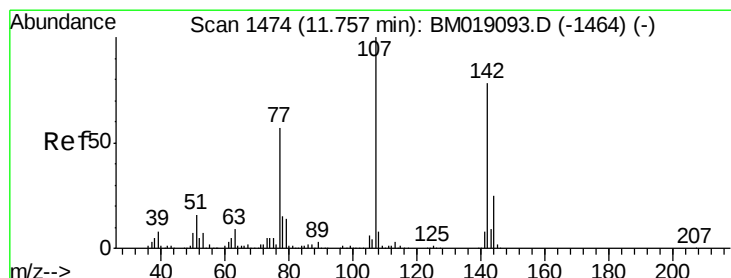
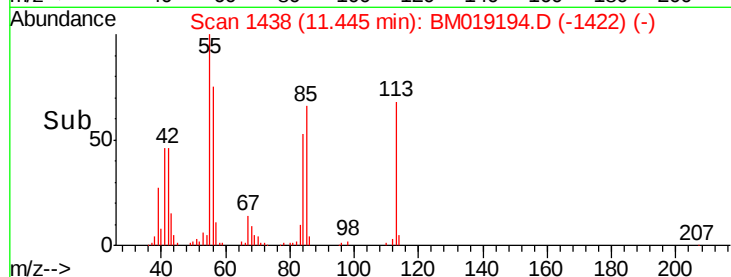
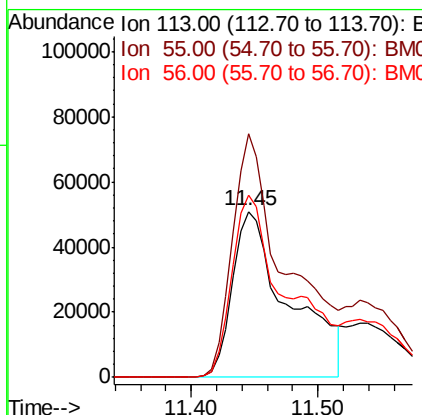
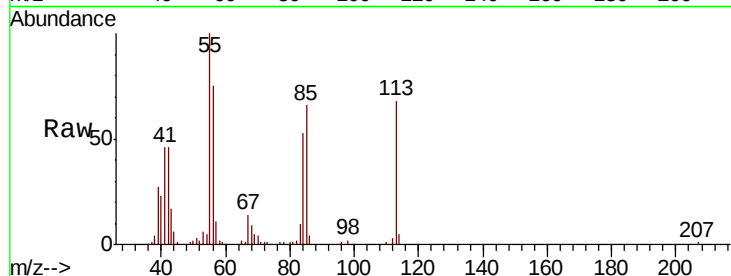




#35
 Caprolactam
 Concen: 31.268 ng
 RT: 11.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

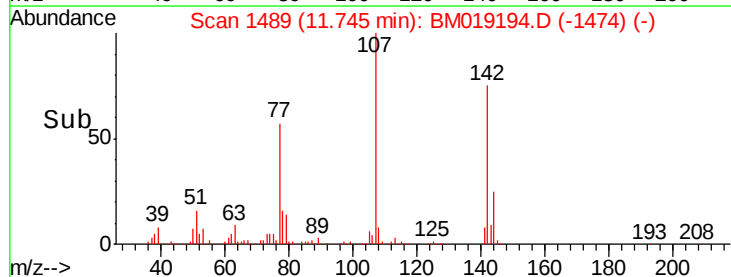
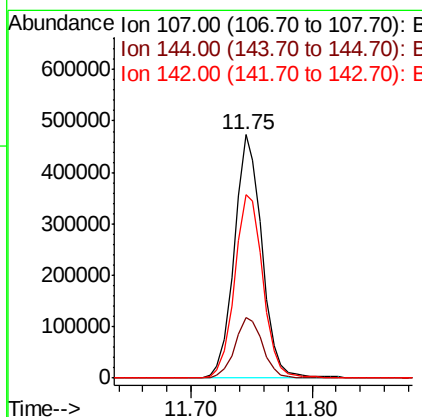
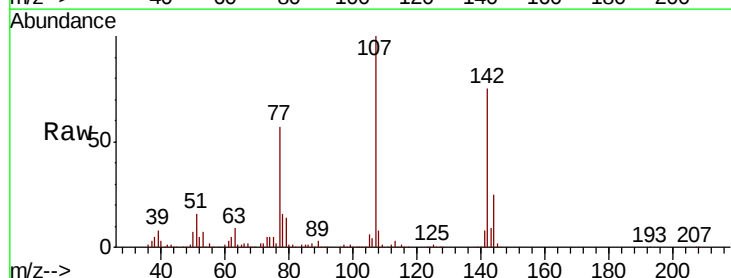
Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

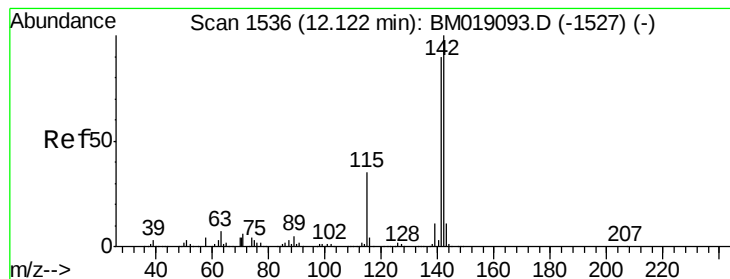
Tgt Ion:113 Resp: 156980
 Ion Ratio Lower Upper
 113 100
 55 146.9 120.1 160.1
 56 109.7 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.438 ng
 RT: 11.75 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion:107 Resp: 755390
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.4
 142 75.2 62.4 93.6





#37

2-Methylnaphthalene

Concen: 39.659 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

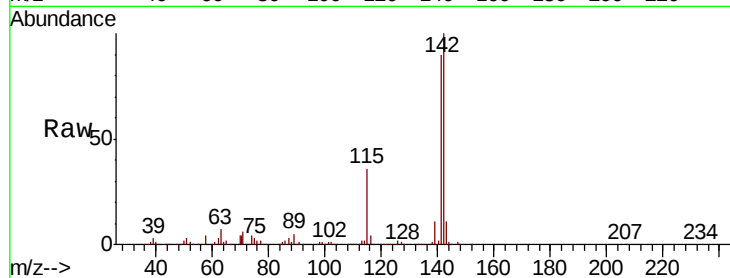
Tgt Ion:142 Resp: 1425714

Ion Ratio Lower Upper

142 100

141 90.1 72.3 108.5

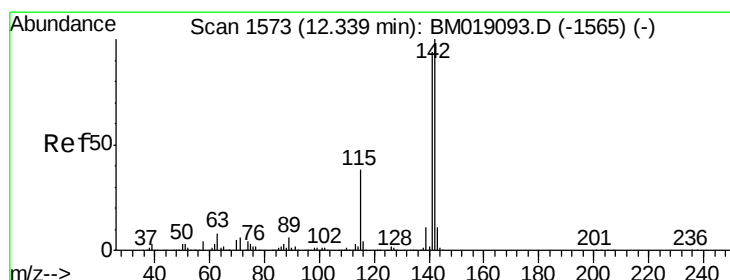
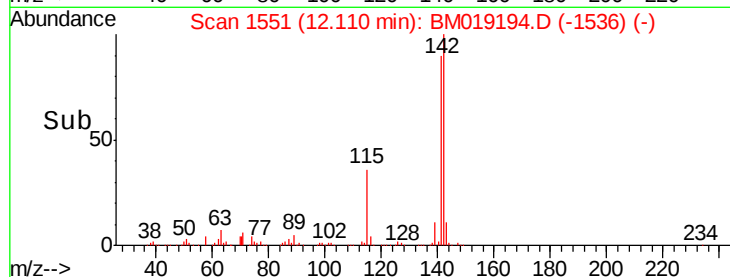
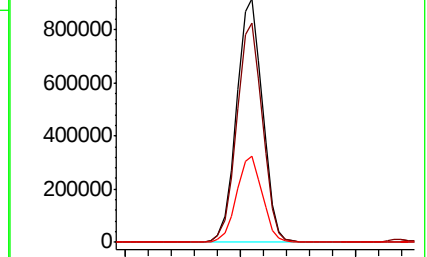
115 35.6 27.8 41.8



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: 38.212 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

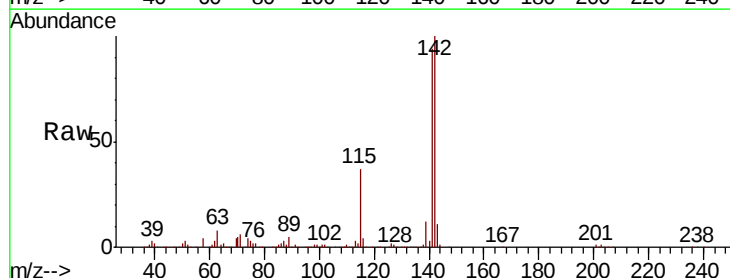
Tgt Ion:142 Resp: 1353992

Ion Ratio Lower Upper

142 100

141 93.7 74.9 112.3

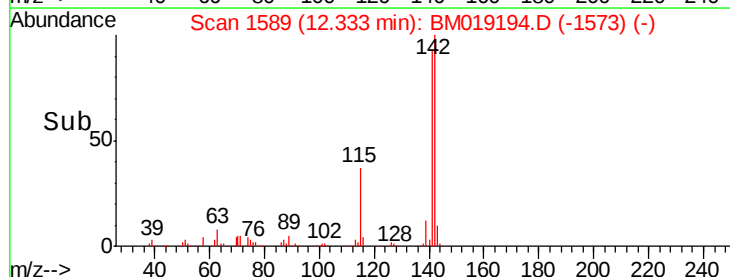
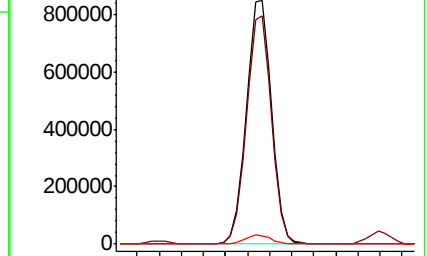
116 3.6 3.2 4.8

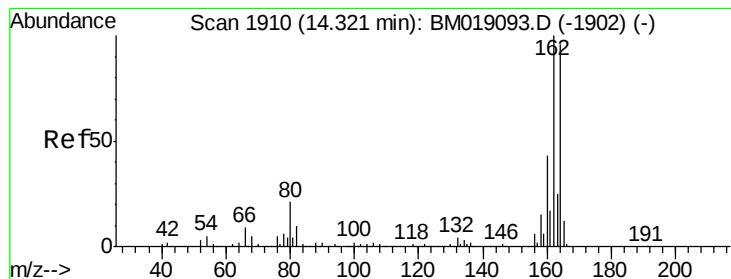


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

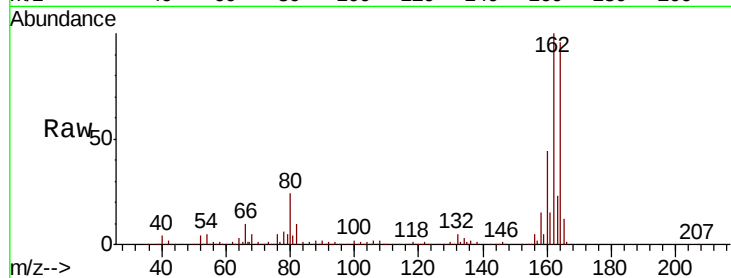
Tgt Ion:164 Resp: 575126

Ion Ratio Lower Upper

164 100

162 104.0 83.5 125.3

160 46.0 36.3 54.5

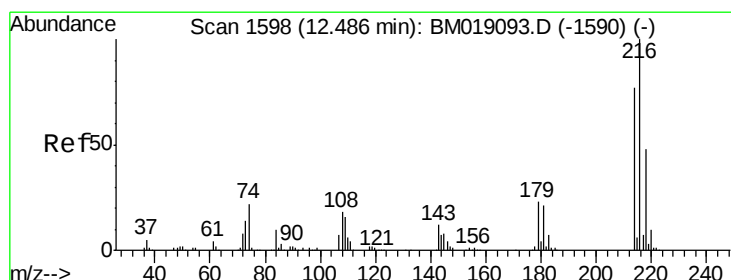
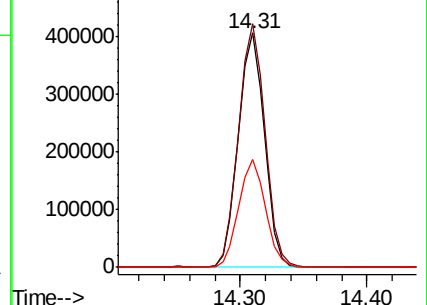
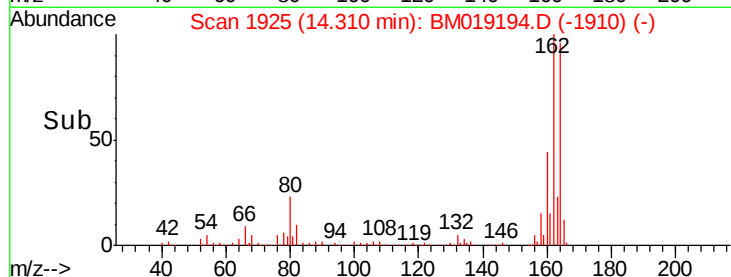


Abundance

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: 37.279 ng

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Tgt Ion:216 Resp: 678212

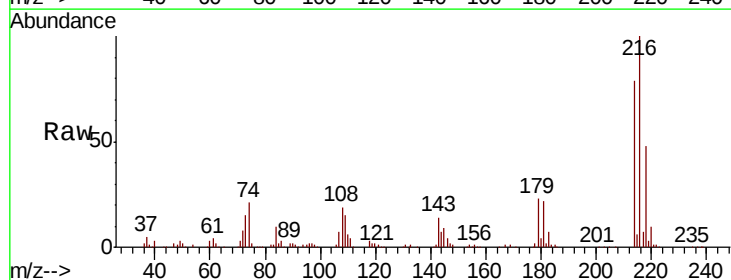
Ion Ratio Lower Upper

216 100

214 79.5 62.9 94.3

179 22.8 18.0 27.0

108 21.1 16.2 24.4



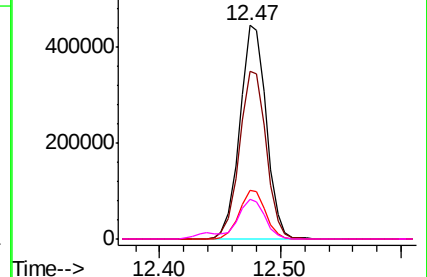
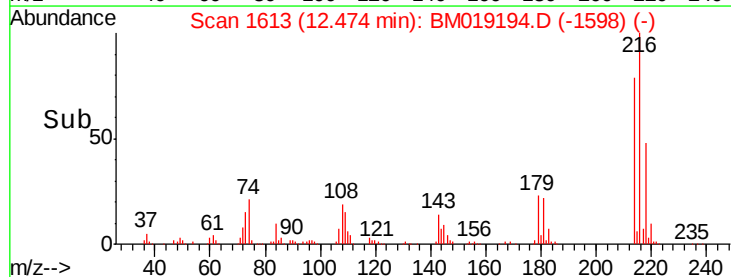
Abundance

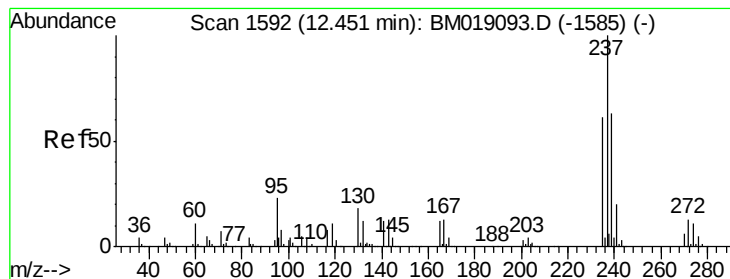
Ion 216.00 (215.70 to 216.70): E

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: 62.321 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

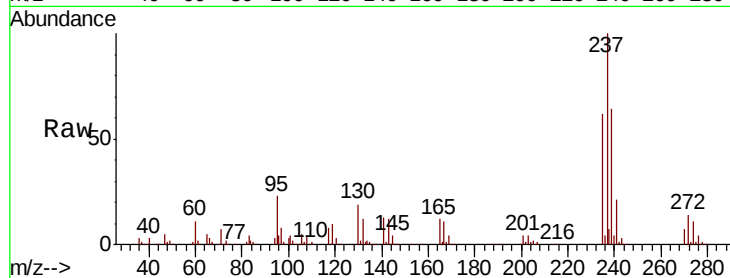
Tgt Ion: 237 Resp: 513559

Ion Ratio Lower Upper

237 100

235 61.7 41.3 81.3

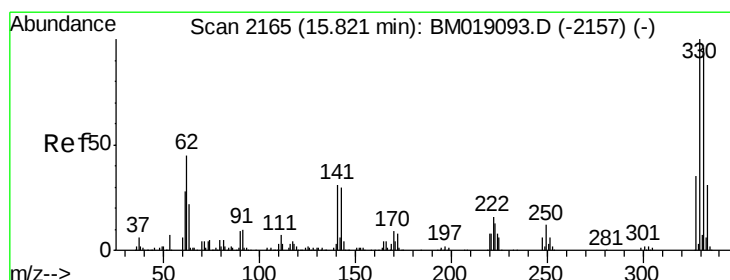
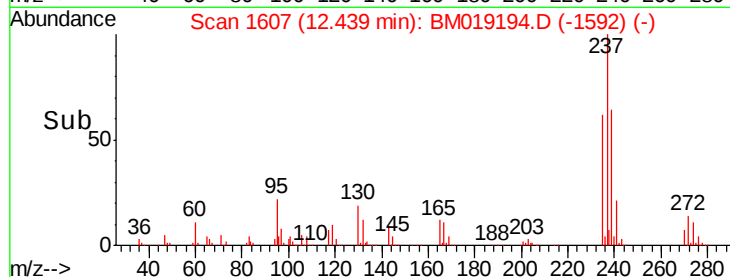
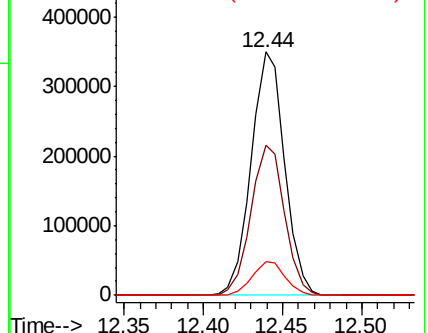
272 13.8 0.0 33.1



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: 131.978 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

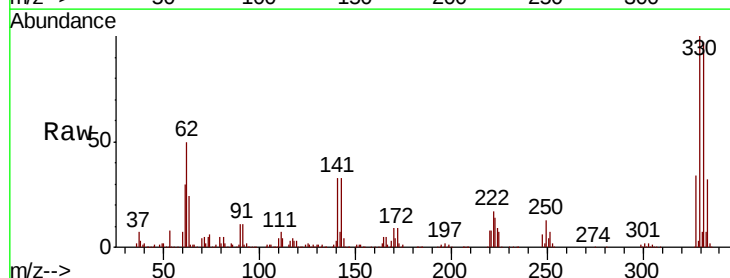
Tgt Ion: 330 Resp: 1120692

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

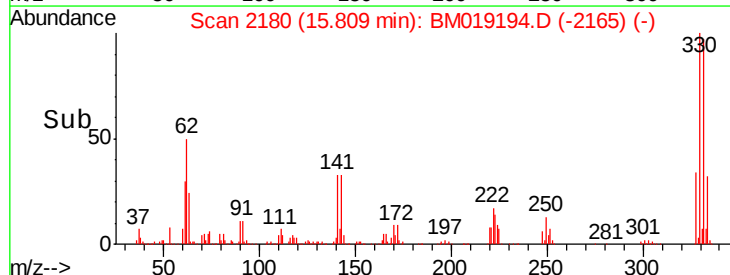
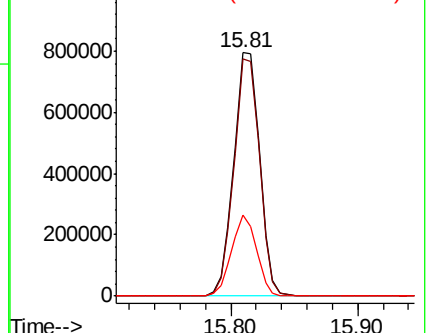
141 32.2 27.0 40.4



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

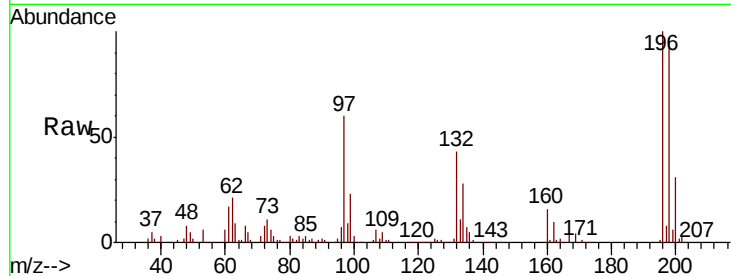




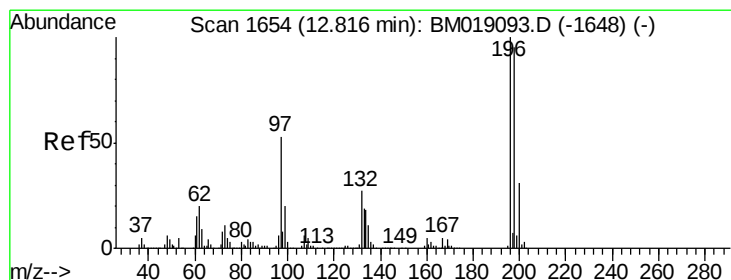
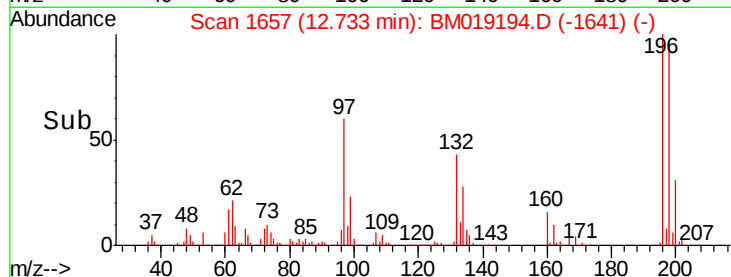
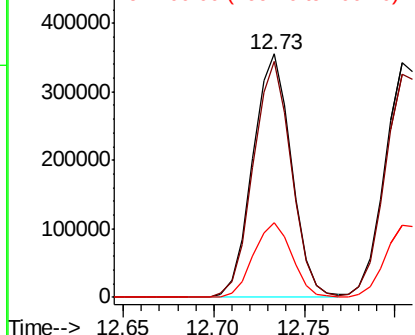
#43
 2,4,6-Trichlorophenol
 Concen: 44.760 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Instrument :
 BNA_M
 ClientSampleID :
 TP-5MS

Tgt Ion:196 Resp: 526234
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.4 113.0
 200 30.9 24.2 36.2



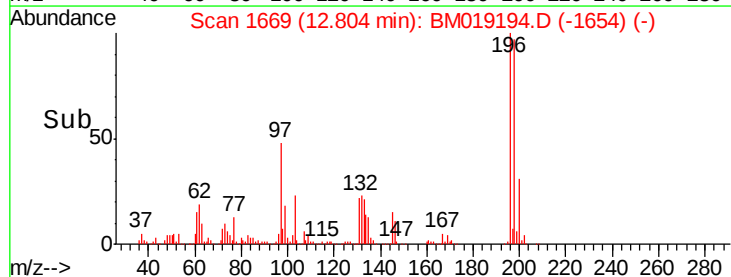
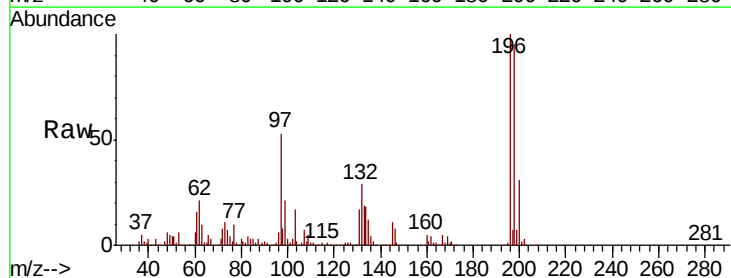
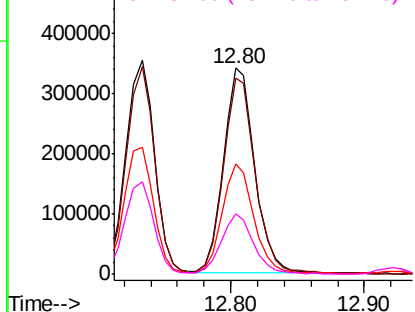
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

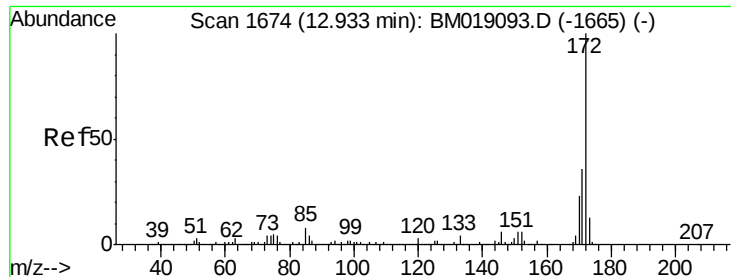


#44
 2,4,5-Trichlorophenol
 Concen: 44.217 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion:196 Resp: 555900
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.9 113.9
 97 53.4 42.5 63.7
 132 29.3 21.9 32.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

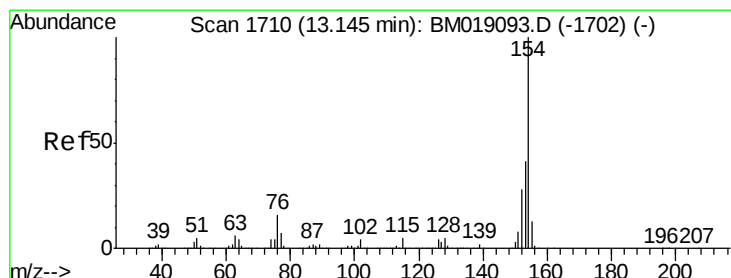
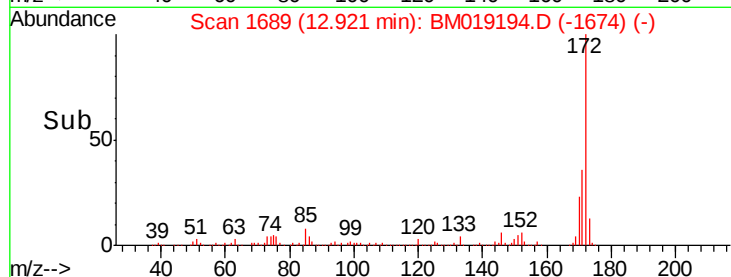
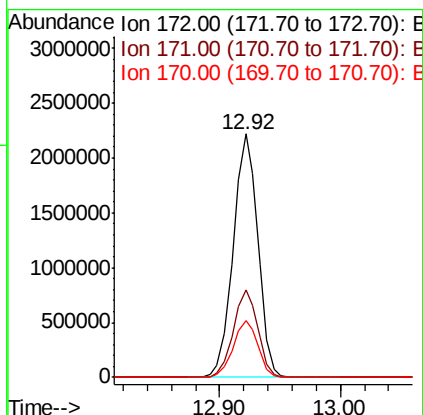
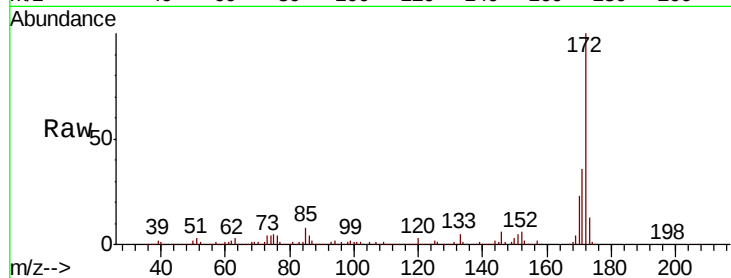




#45
 2-Fluorobiphenyl
 Concen: 71.307 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

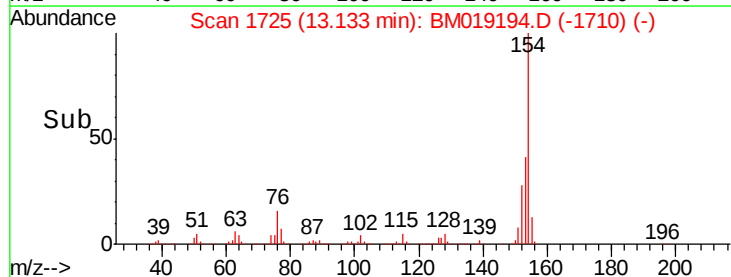
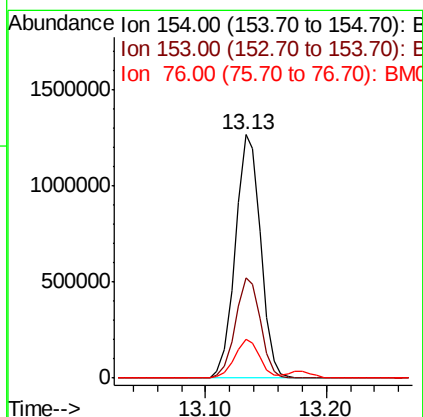
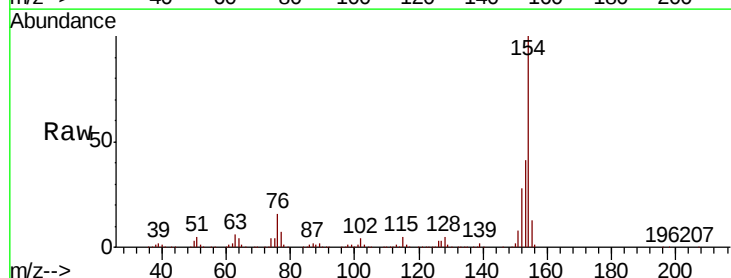
Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

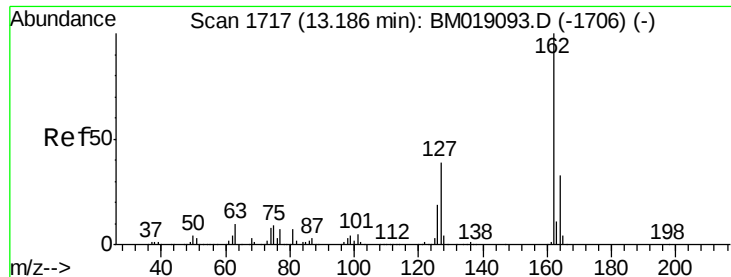
Tgt Ion:172 Resp: 3152814
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 23.2 18.6 28.0



#46
 1,1'-Biphenyl
 Concen: 36.685 ng
 RT: 13.13 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion:154 Resp: 1842557
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.5 61.5
 76 15.9 0.0 35.8

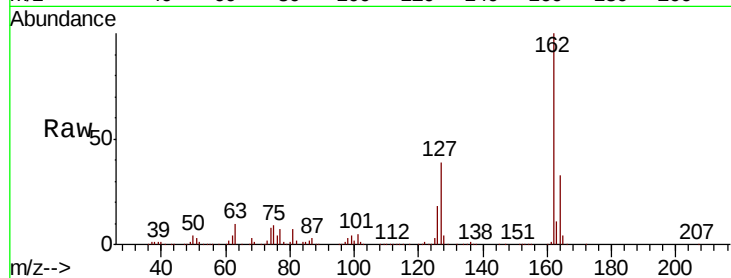




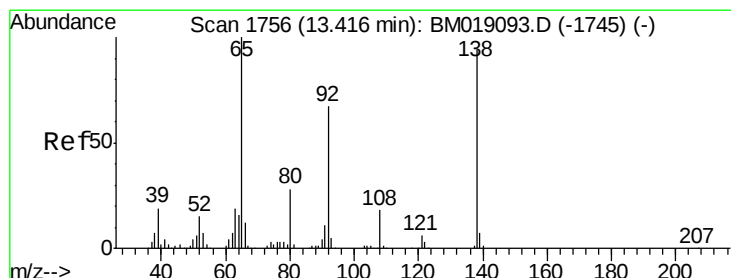
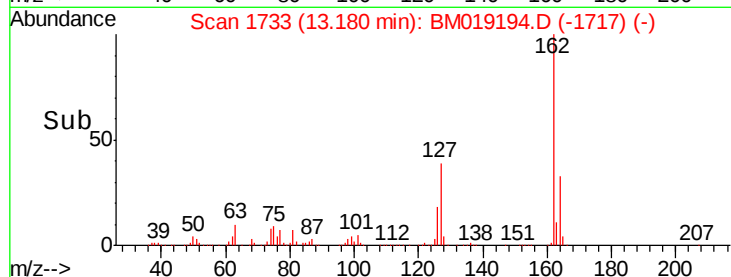
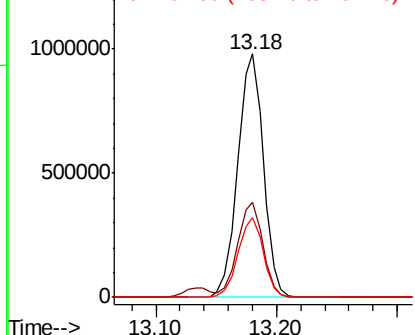
#47
2-Chloronaphthalene
Concen: 38.756 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tgt Ion: 162 Resp: 1452981
Ion Ratio Lower Upper
162 100
127 38.8 31.2 46.8
164 32.8 26.3 39.5

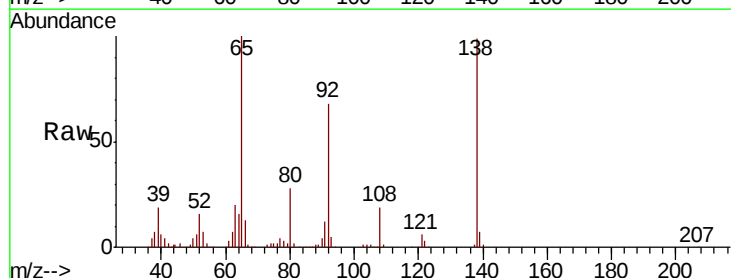


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

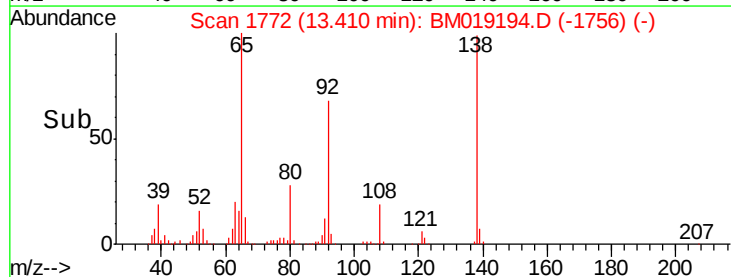
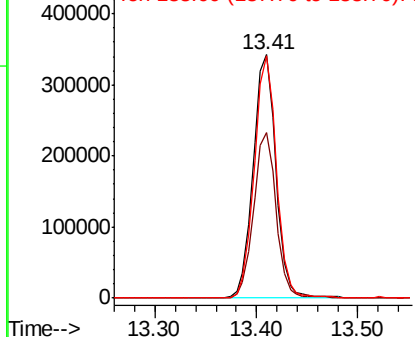


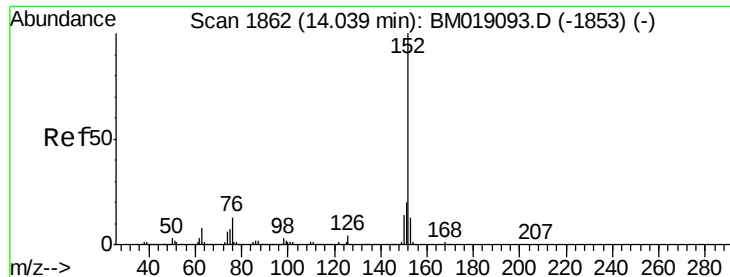
#48
2-Nitroaniline
Concen: 42.427 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion: 65 Resp: 533446
Ion Ratio Lower Upper
65 100
92 67.9 53.4 80.2
138 99.3 74.9 112.3



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





#49

Acenaphthylene

Concen: 37.570 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

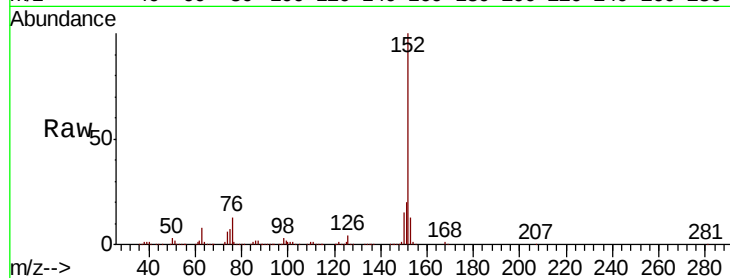
Tgt Ion:152 Resp: 2381594

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

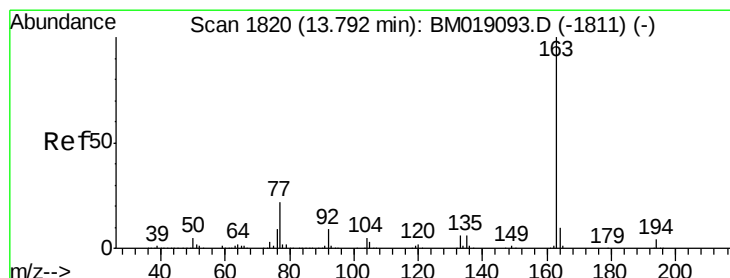
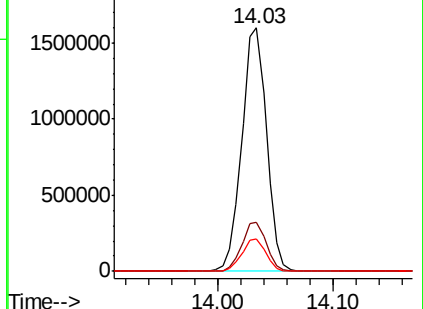
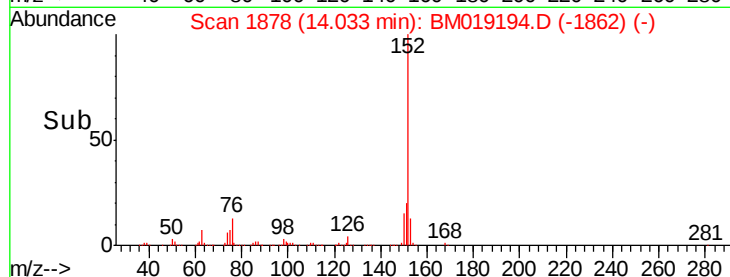
153 13.1 10.6 15.8



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: 46.106 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

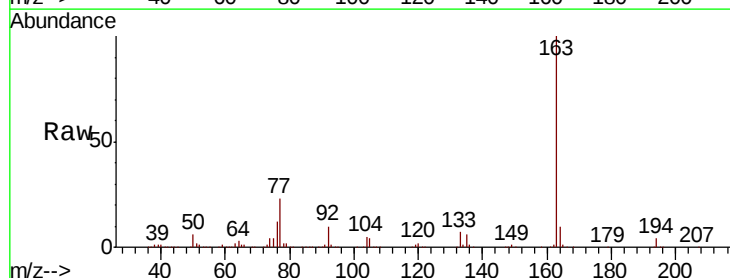
Tgt Ion:163 Resp: 2268365

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

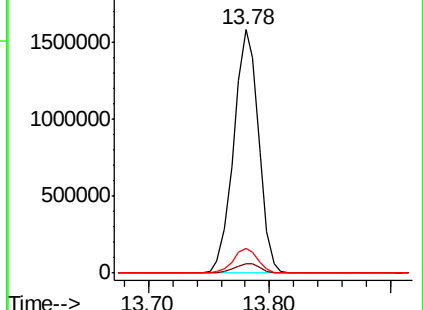
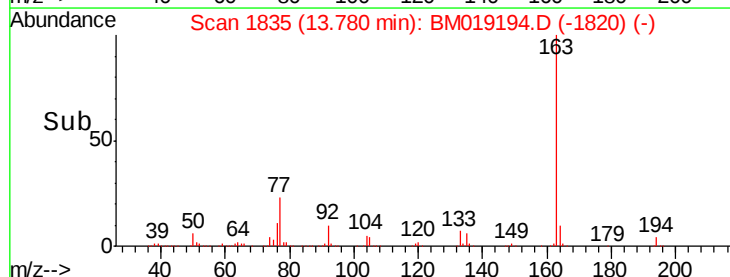
164 10.2 7.7 11.5

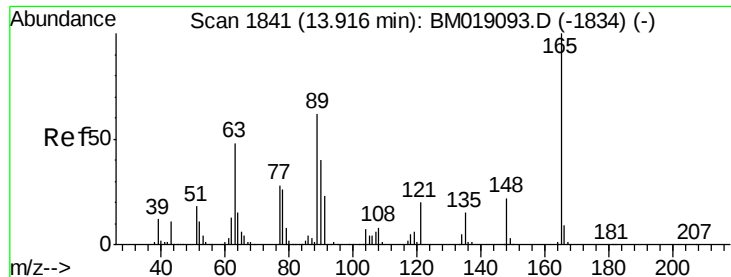


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.580 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

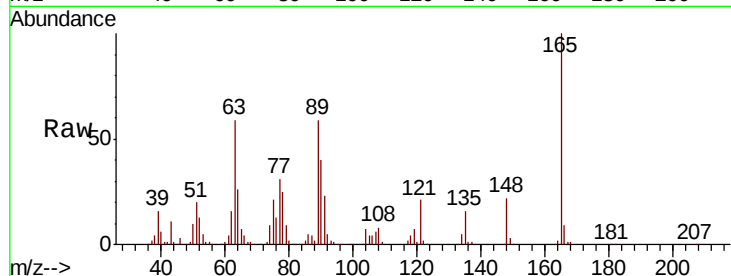
Tgt Ion:165 Resp: 431584

Ion Ratio Lower Upper

165 100

63 59.2 48.2 72.4

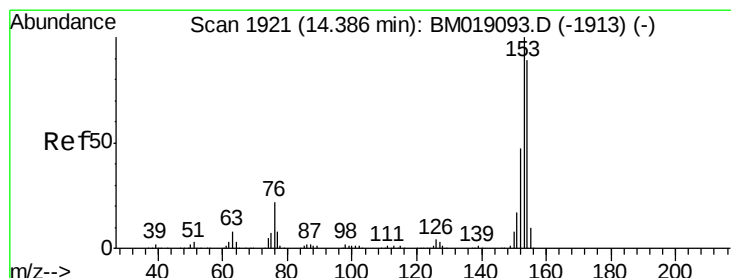
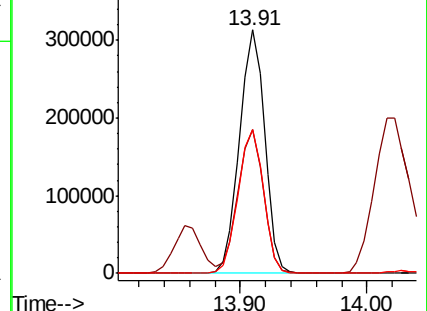
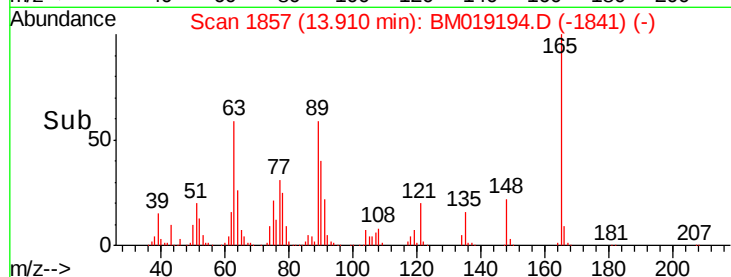
89 59.2 49.3 73.9



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: 37.460 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

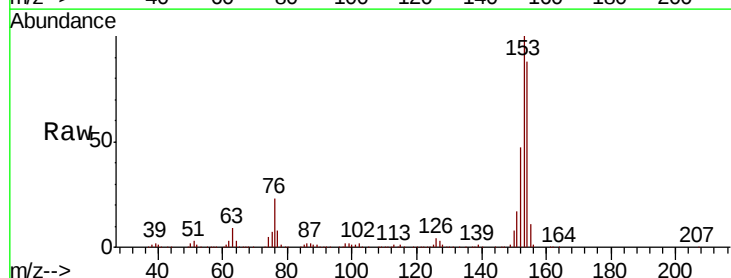
Tgt Ion:154 Resp: 1364478

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

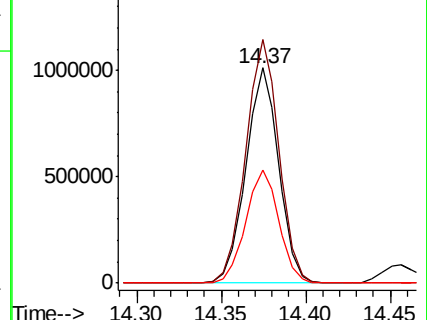
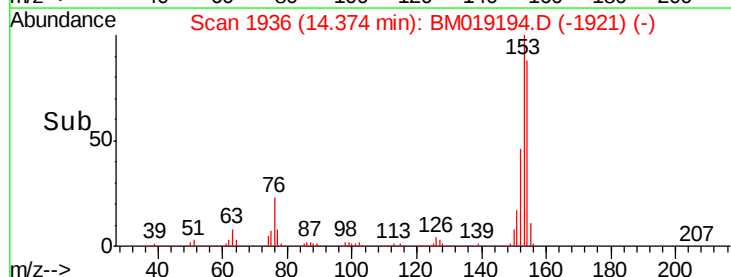
152 52.7 42.5 63.7



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

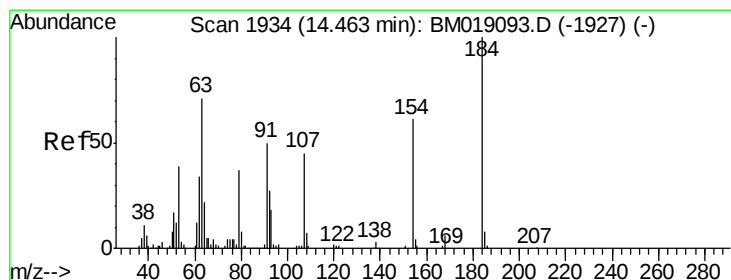
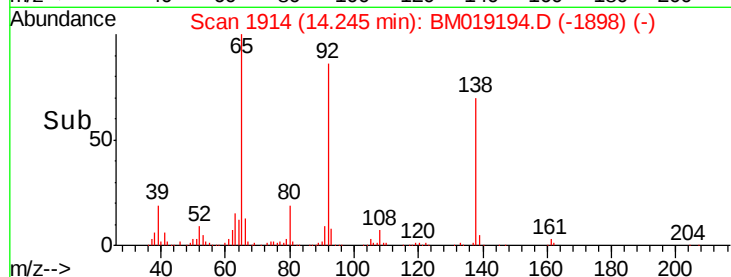
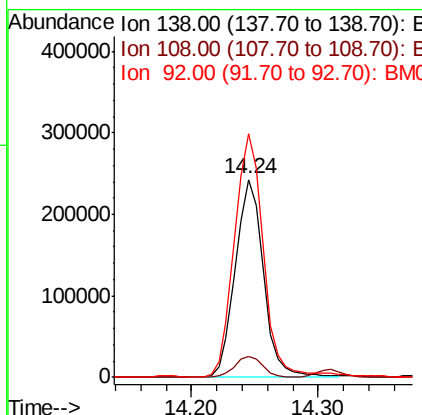
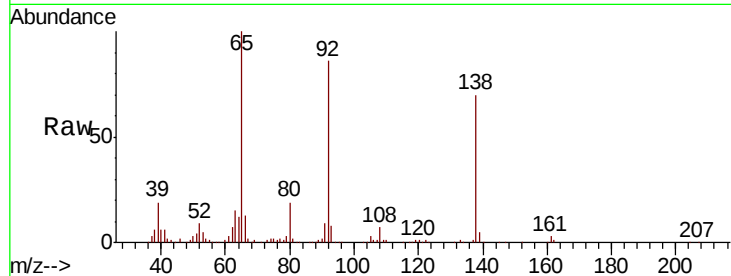




#53
3-Nitroaniline
Concen: 33.359 ng
RT: 14.24 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

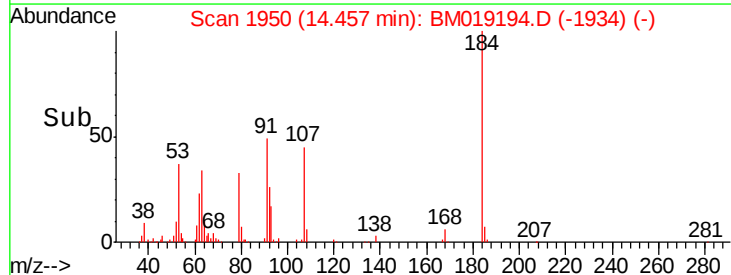
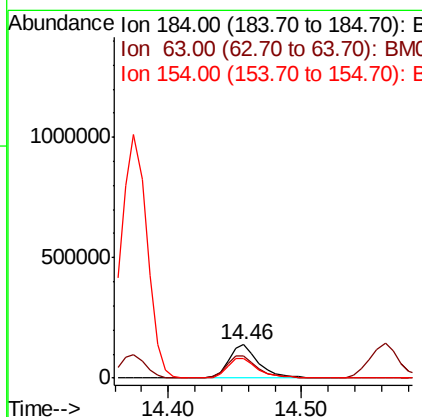
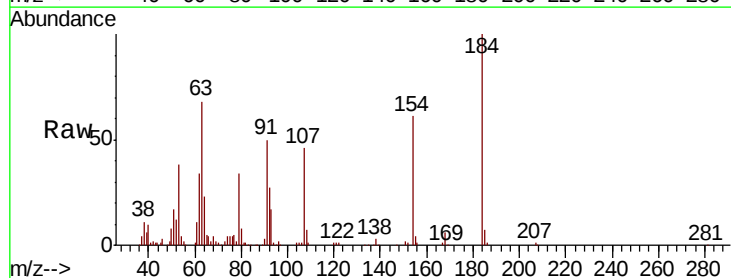
Instrument :
BNA_M
ClientSampleId :
TP-5MS

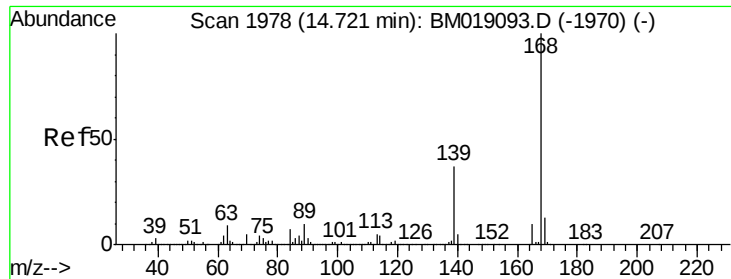
Tgt Ion:138 Resp: 375767
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 123.2 102.6 153.8



#54
2,4-Dinitrophenol
Concen: 35.386 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:184 Resp: 218565
Ion Ratio Lower Upper
184 100
63 67.6 56.7 85.1
154 60.7 49.3 73.9

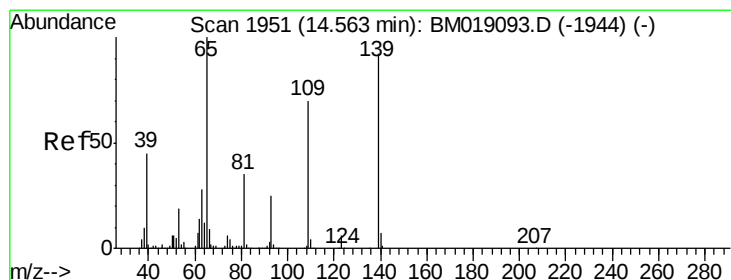
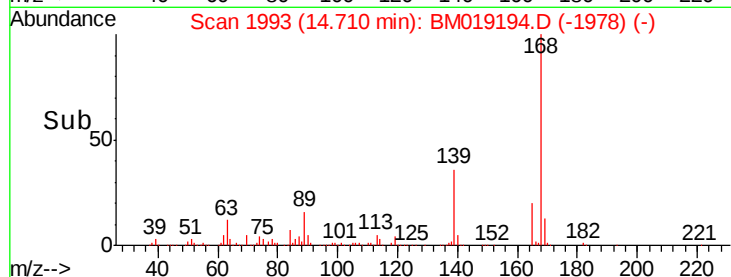
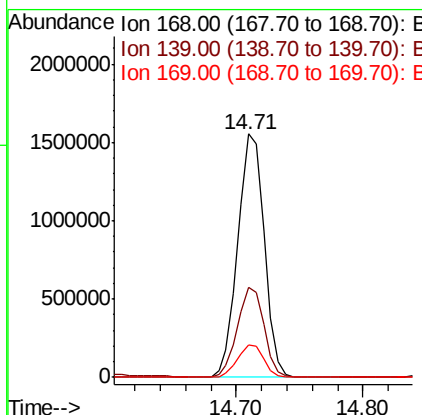
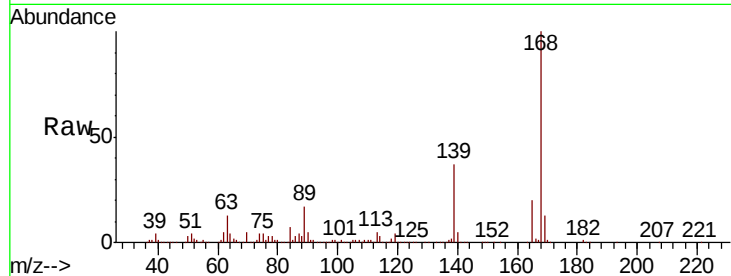




#55
Dibenzenofuran
Concen: 38.193 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

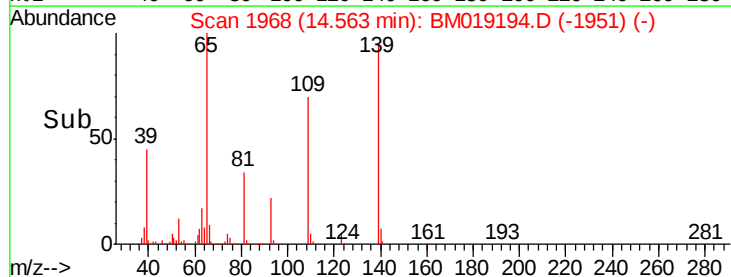
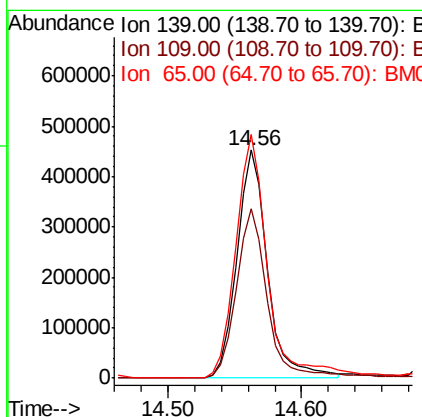
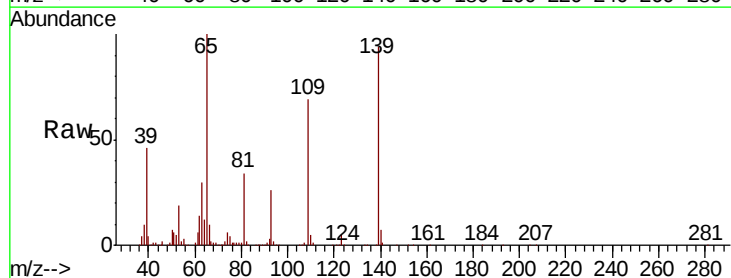
Instrument :
BNA_M
ClientSampleId :
TP-5MS

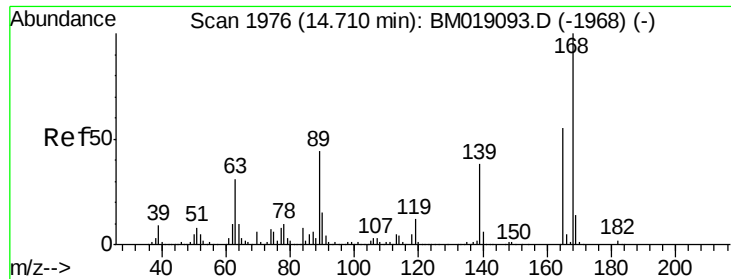
Tgt Ion:168 Resp: 2243546
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 78.293 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:139 Resp: 720053
Ion Ratio Lower Upper
139 100
109 74.2 56.3 96.3
65 106.7 89.2 129.2

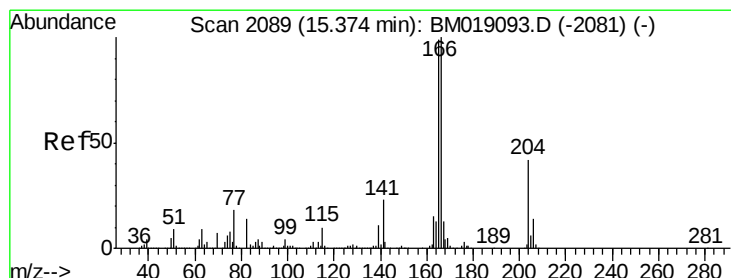
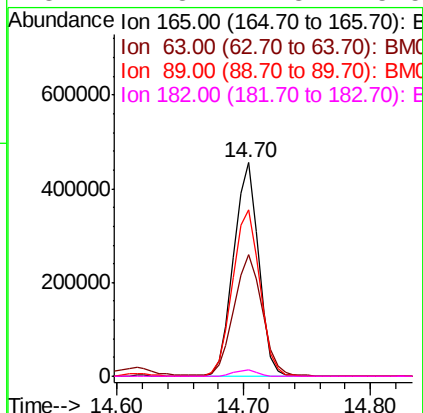
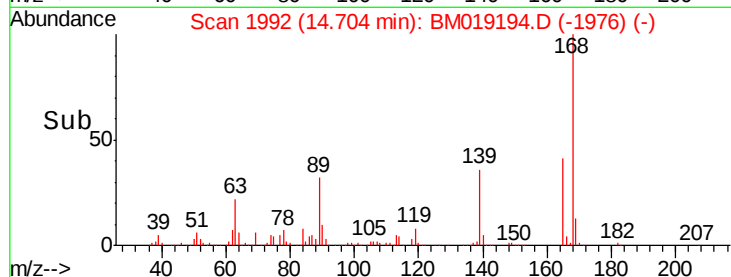
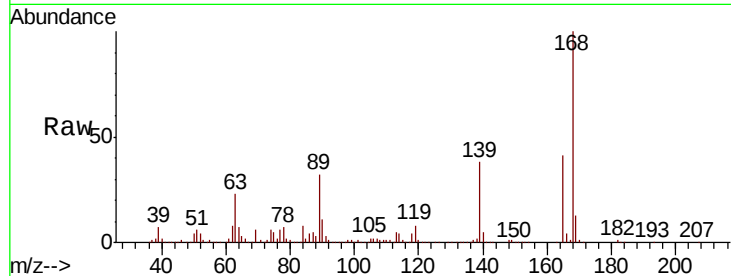




#57
2,4-Dinitrotoluene
Concen: 40.151 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

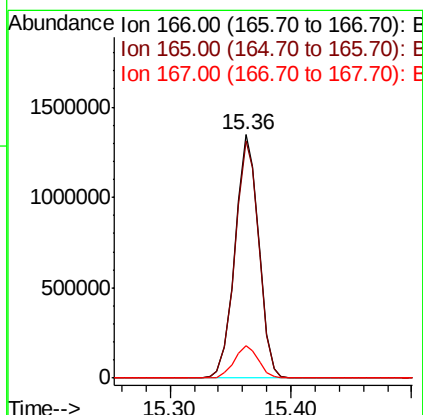
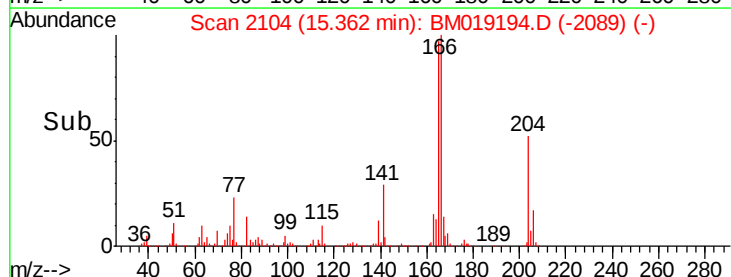
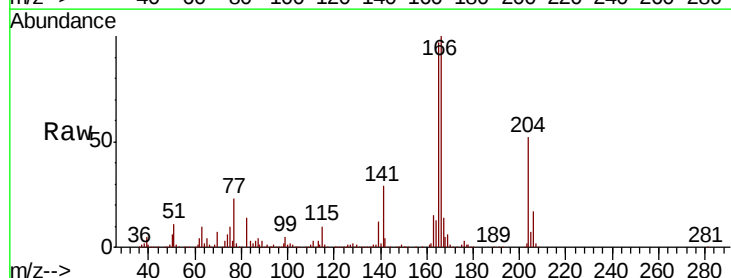
Instrument :
BNA_M
ClientSampleId :
TP-5MS

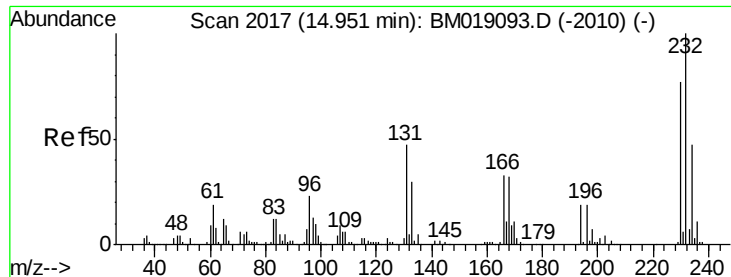
Tgt Ion:165 Resp: 619861
Ion Ratio Lower Upper
165 100
63 57.1 44.7 67.1
89 78.2 63.4 95.2
182 2.8 2.3 3.5



#58
Fluorene
Concen: 37.991 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:166 Resp: 1839522
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.4
167 13.5 10.8 16.2

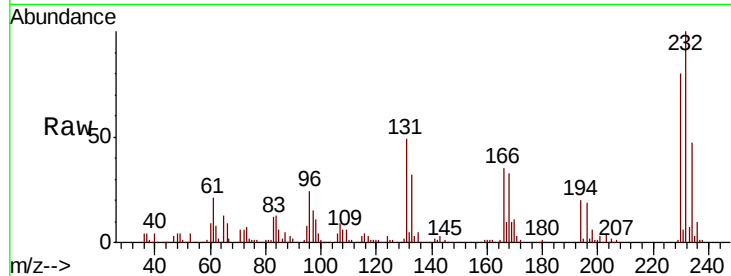




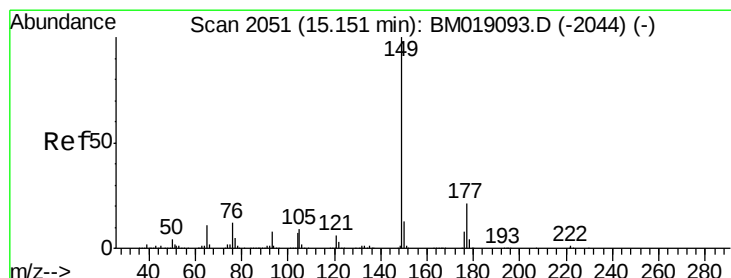
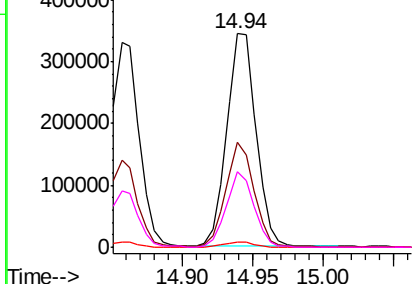
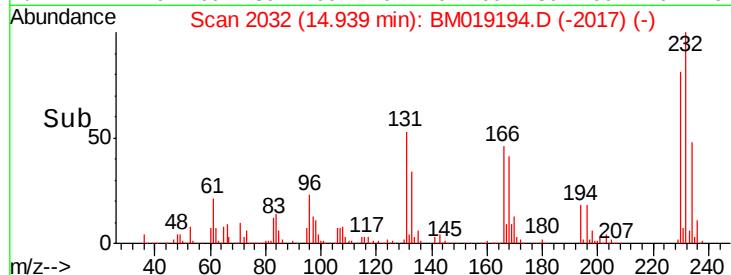
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.511 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Instrument :
 BNA_M
 ClientSampleId :
 TP-5MS

Tgt Ion:	232	Resp:	497550
Ion	Ratio	Lower	Upper
232	100		
131	46.9	38.2	57.2
130	2.5	1.9	2.9
166	33.5	27.0	40.4

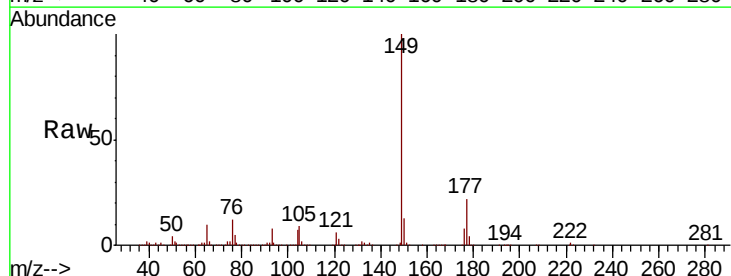


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

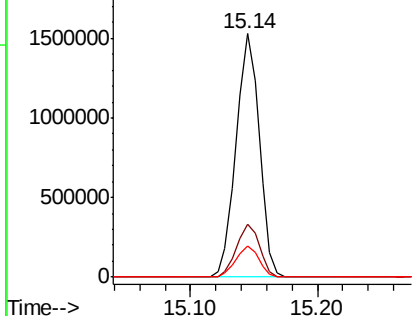
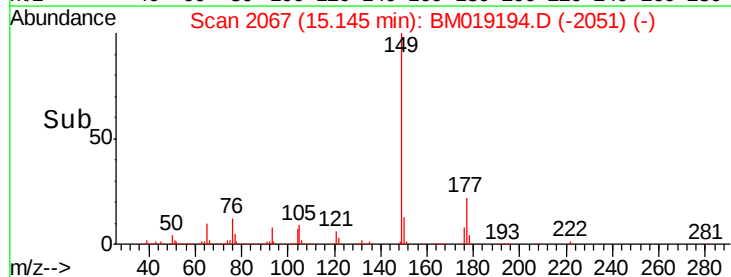


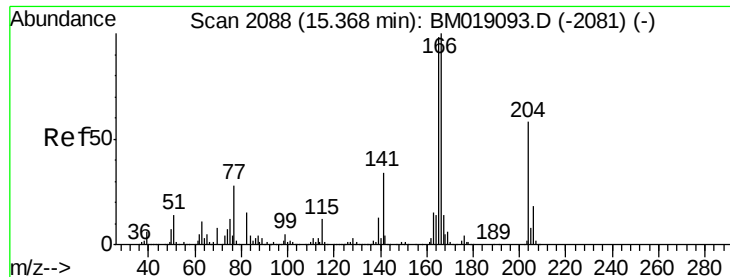
#60
 Diethylphthalate
 Concen: 38.769 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion:	149	Resp:	1931820
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	12.7	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

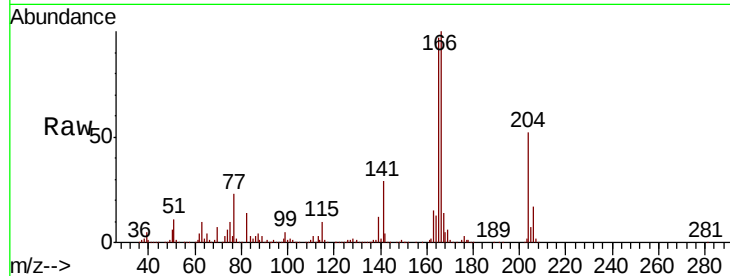




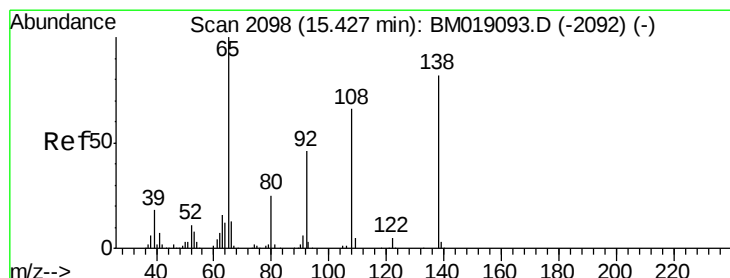
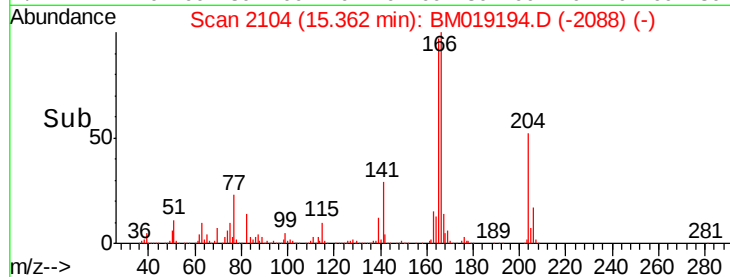
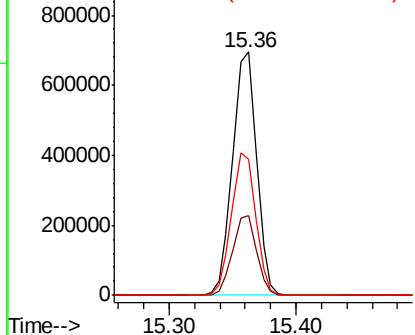
#61
4-Chlorophenyl-phenylether
Concen: 38.707 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tgt Ion:204 Resp: 910263
Ion Ratio Lower Upper
204 100
206 32.8 25.5 38.3
141 55.9 47.8 71.8

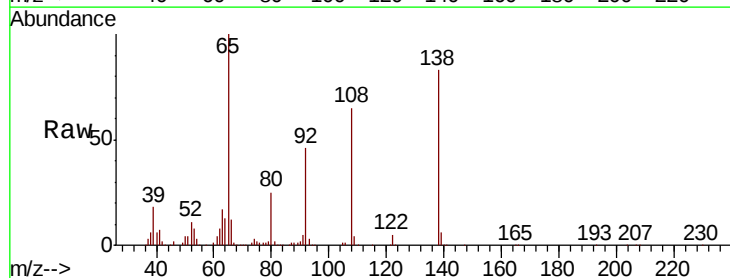


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

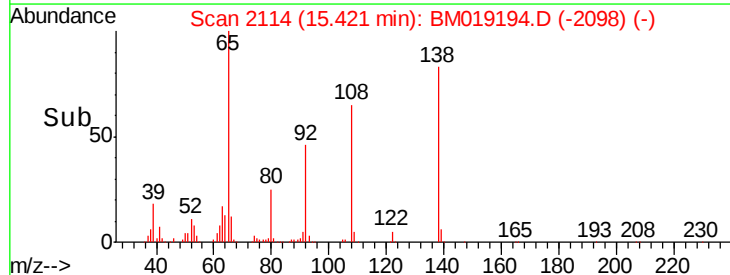
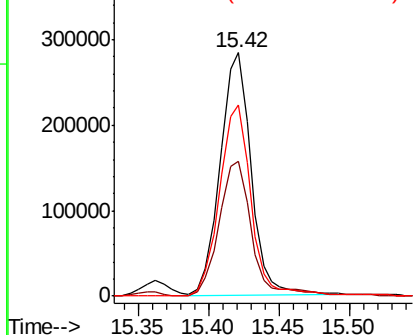


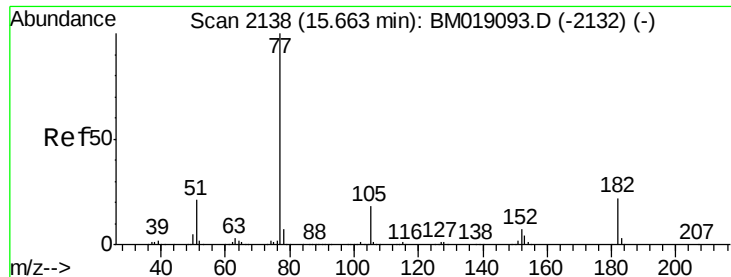
#62
4-Nitroaniline
Concen: 37.868 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:138 Resp: 429878
Ion Ratio Lower Upper
138 100
92 55.4 36.2 76.2
108 78.4 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

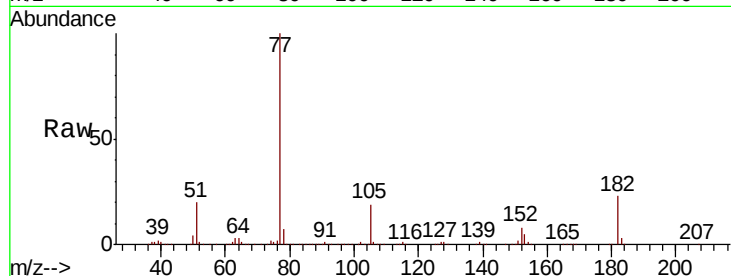




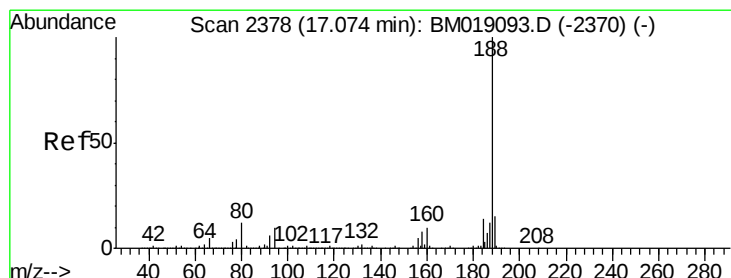
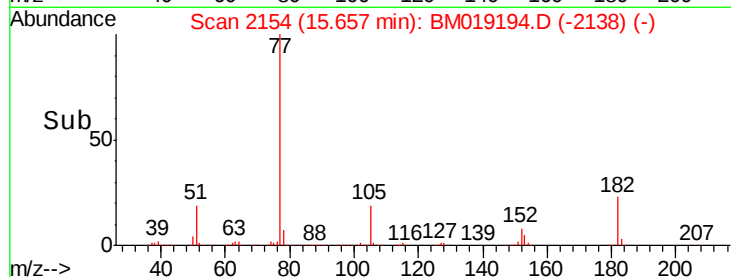
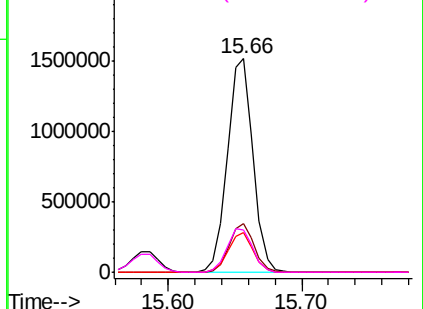
#63
Azobenzene
Concen: 38.652 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Instrument :
BNA_M
ClientSampleId :
TP-5MS

Tgt Ion: 77 Resp: 2026668
Ion Ratio Lower Upper
77 100
182 22.8 1.8 41.8
105 18.5 0.0 38.3
51 20.0 0.8 40.8

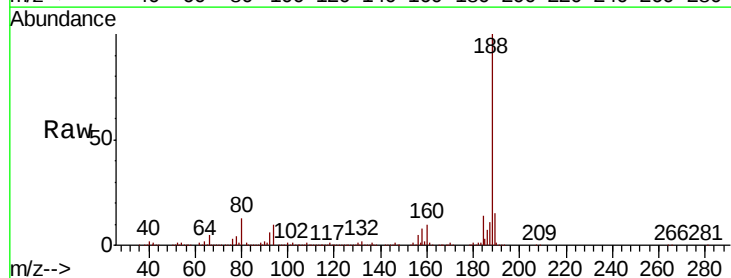


Abundance Ion 77.00 (76.70 to 77.70): BM019194.D (-2138) (-)
Ion 182.00 (181.70 to 182.70): BM019194.D (-2138) (-)
Ion 105.00 (104.70 to 105.70): BM019194.D (-2138) (-)
Ion 51.00 (50.70 to 51.70): BM019194.D (-2138) (-)

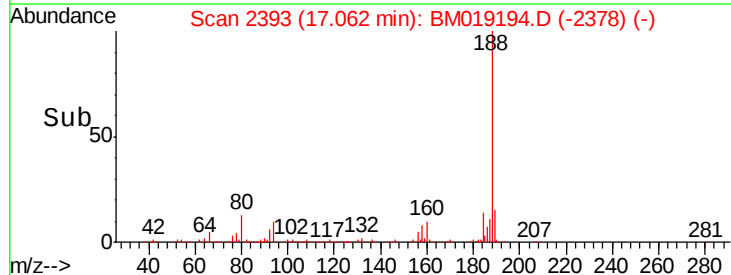
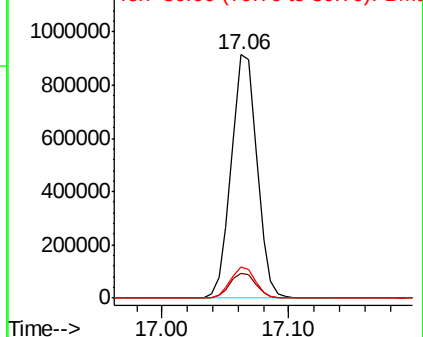


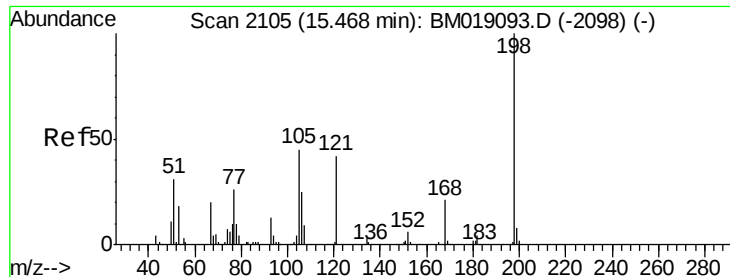
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion: 188 Resp: 1282572
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 12.6 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): BM019194.D (-2378) (-)
Ion 94.00 (93.70 to 94.70): BM019194.D (-2378) (-)
Ion 80.00 (79.70 to 80.70): BM019194.D (-2378) (-)

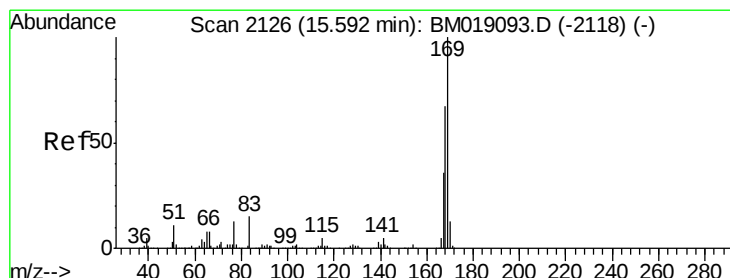
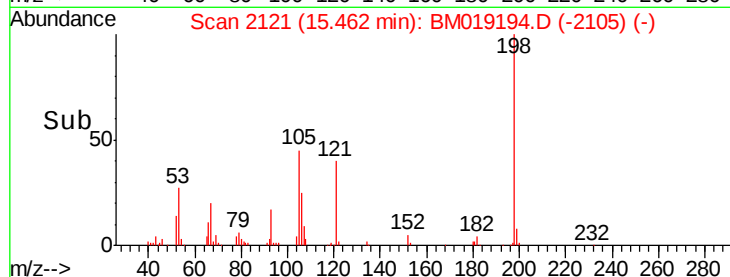
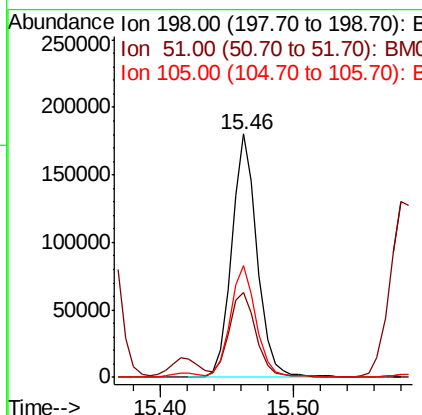
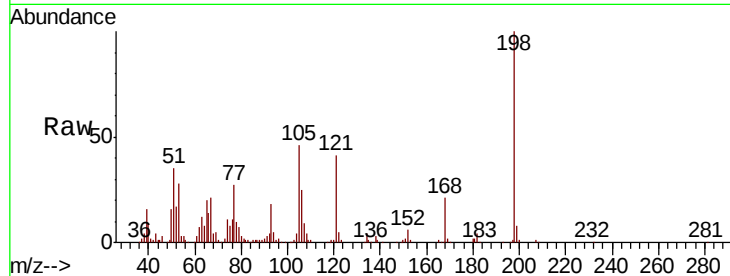




#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.461 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

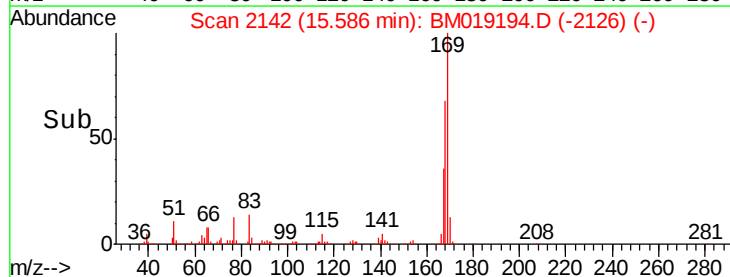
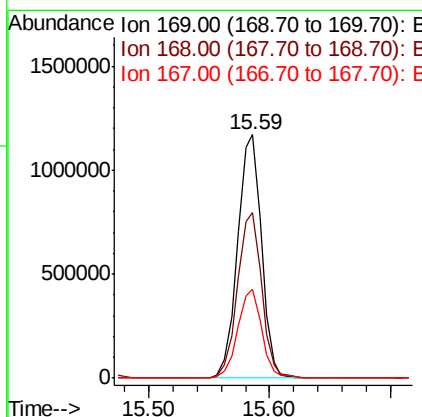
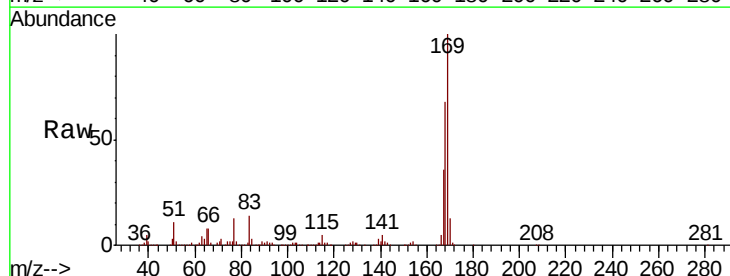
Instrument :
 BNA_M
 ClientSampleID :
 TP-5MS

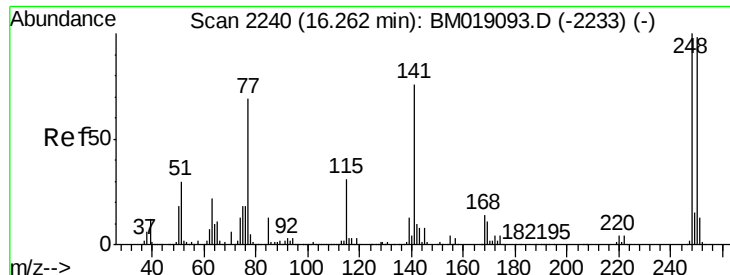
Tgt Ion:198 Resp: 239202
 Ion Ratio Lower Upper
 198 100
 51 34.7 17.3 57.3
 105 45.7 26.2 66.2



#66
 n-Nitrosodiphenylamine
 Concen: 39.478 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion:169 Resp: 1611986
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.9 80.9
 167 36.3 28.8 43.2

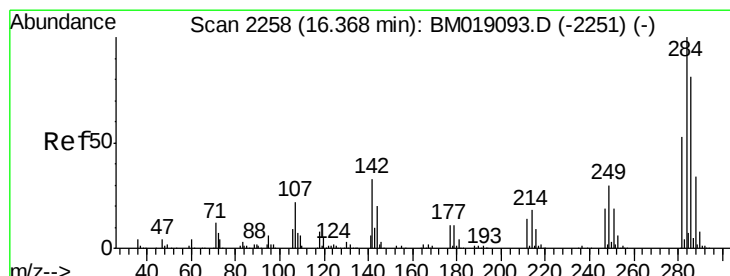
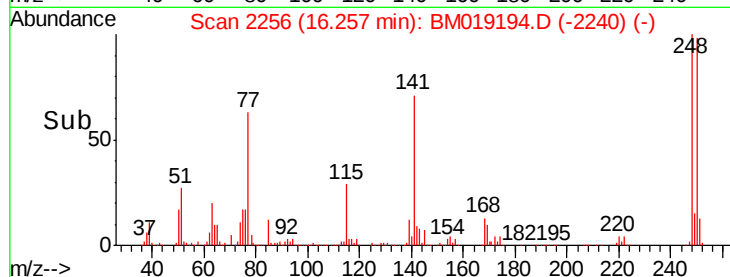
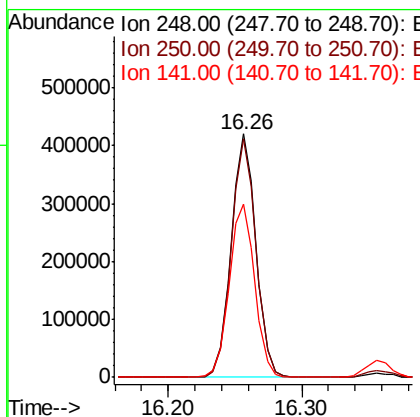
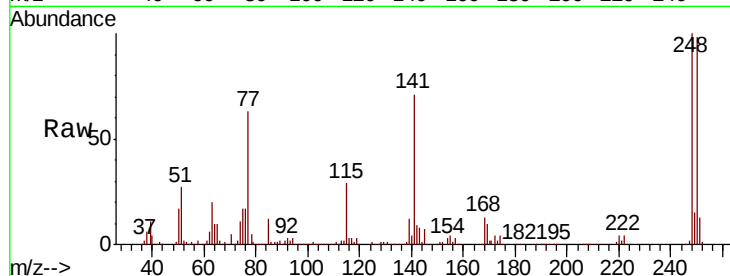




#67
 4-Bromophenyl-phenylether
 Concen: 38.386 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

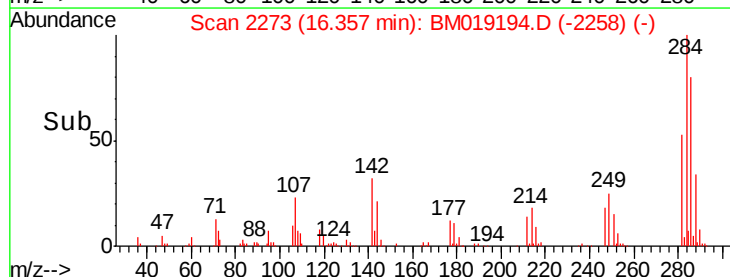
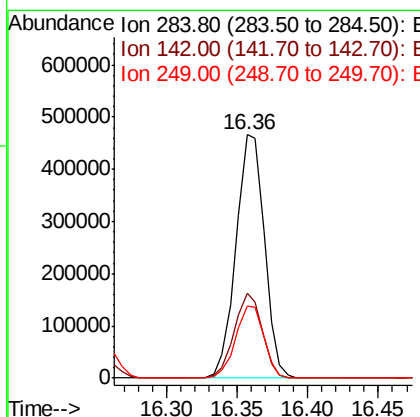
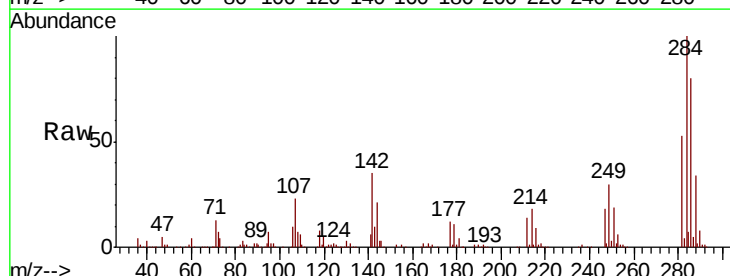
Instrument :
 BNA_M
 ClientSampled :
 TP-5MS

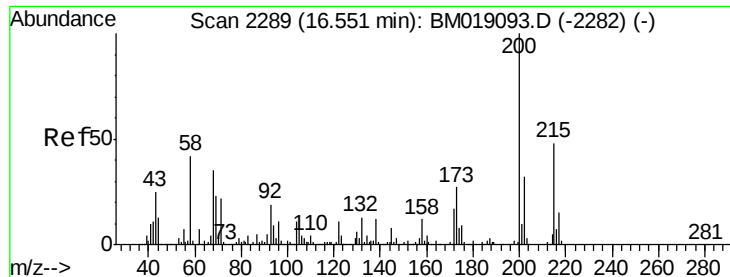
Tgt Ion: 248 Resp: 542920
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.0 117.0
 141 71.2 61.0 91.4



#68
 Hexachlorobenzene
 Concen: 38.918 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BM019194.D
 Acq: 15 Mar 2019 19:54

Tgt Ion: 284 Resp: 654418
 Ion Ratio Lower Upper
 284 100
 142 34.9 26.3 39.5
 249 29.6 24.1 36.1





#69

Atrazine

Concen: 42.327 ng

RT: 16.54 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

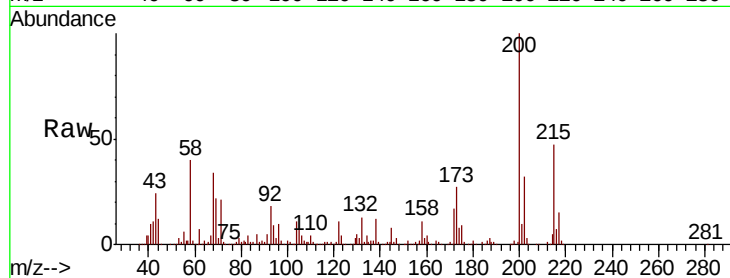
Tgt Ion:200 Resp: 581794

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

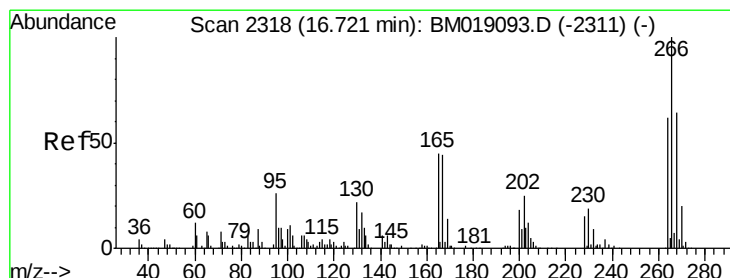
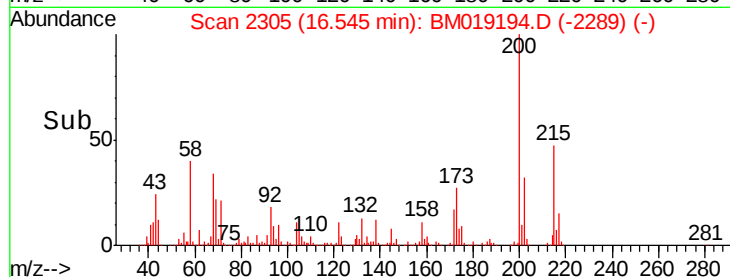
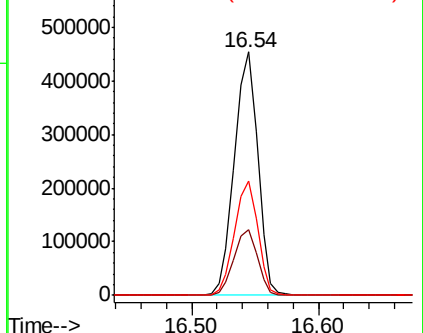
215 47.0 27.7 67.7



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: 76.470 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

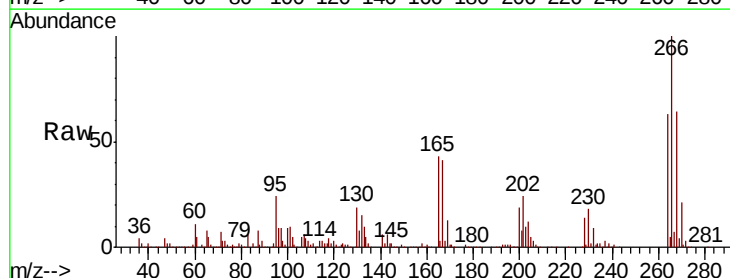
Tgt Ion:266 Resp: 774705

Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

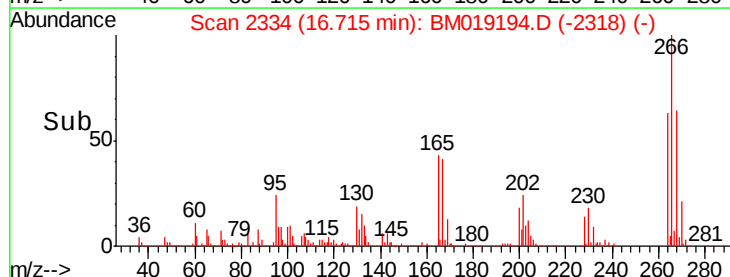
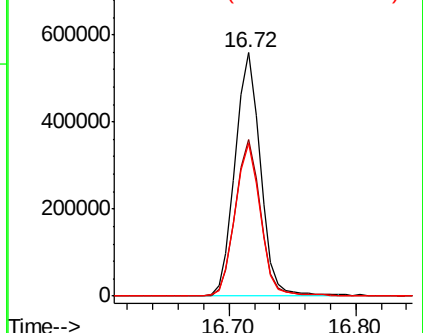
264 62.9 50.0 75.0

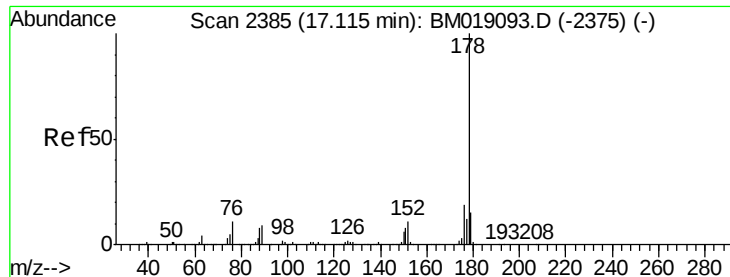


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

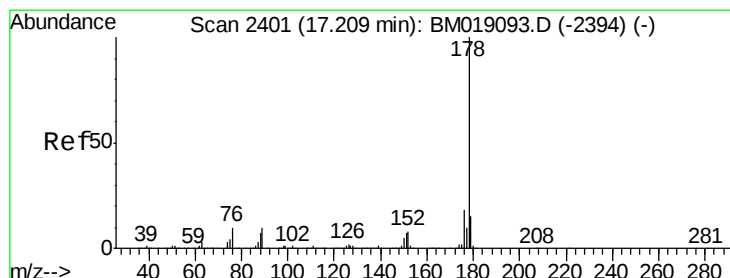
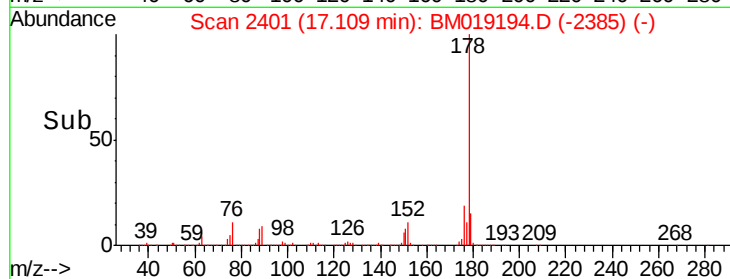
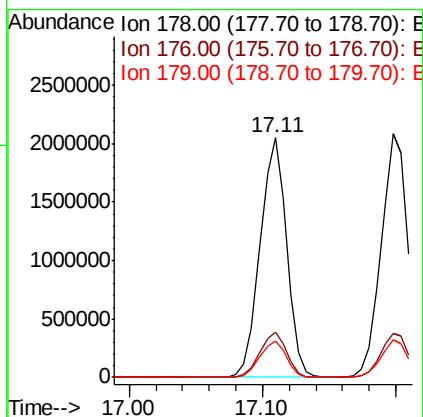
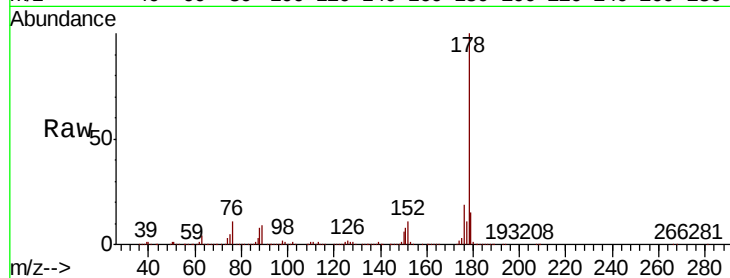




#71
Phenanthrene
Concen: 37.229 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

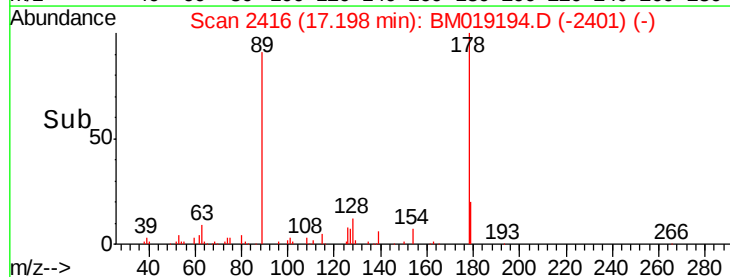
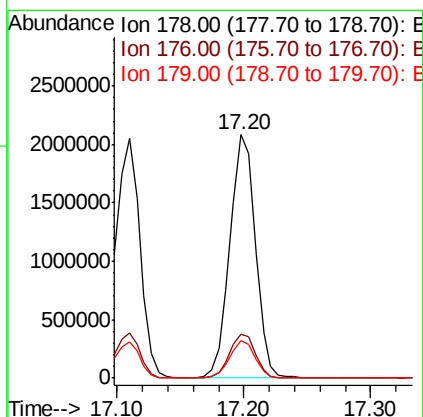
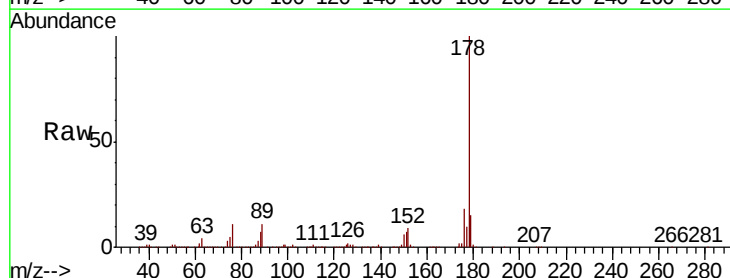
Instrument :
BNA_M
ClientSampled :
TP-5MS

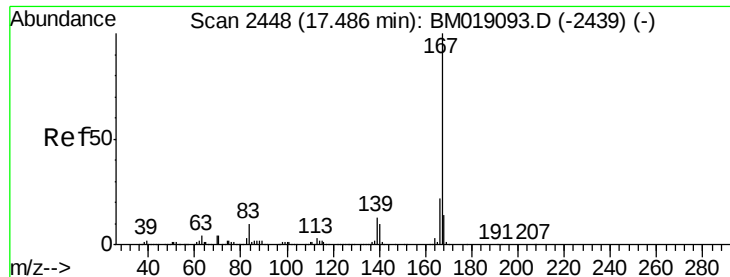
Tgt Ion:178 Resp: 2798730
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.2 18.2



#72
Anthracene
Concen: 39.149 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM019194.D
Acq: 15 Mar 2019 19:54

Tgt Ion:178 Resp: 2881157
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.4 11.9 17.9





#73

Carbazole

Concen: 39.081 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

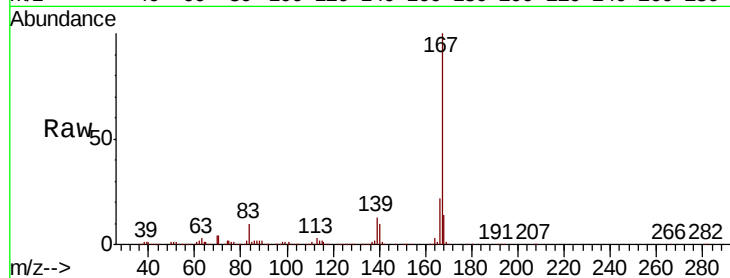
Tgt Ion:167 Resp: 2714557

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

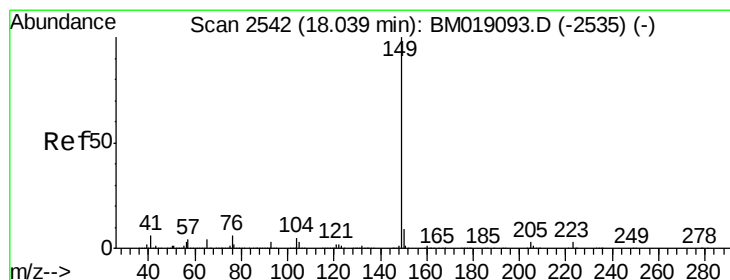
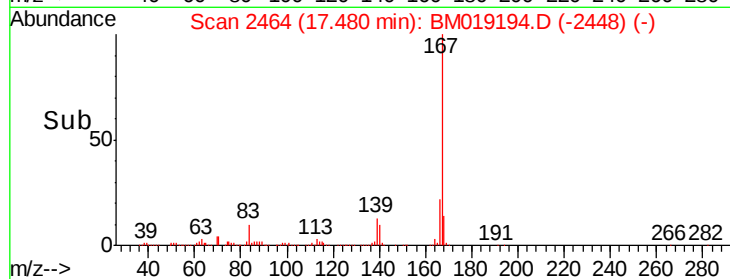
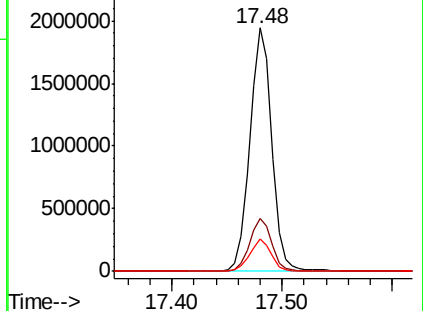
139 13.2 10.5 15.7



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: 39.916 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

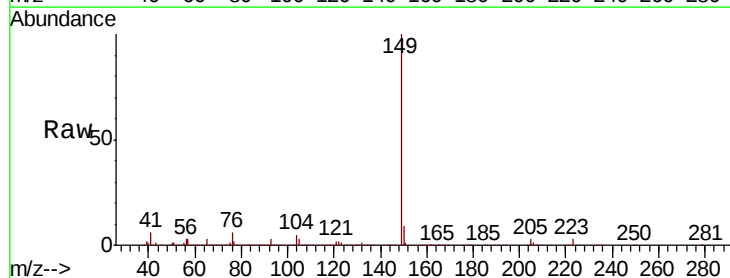
Tgt Ion:149 Resp: 3352757

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

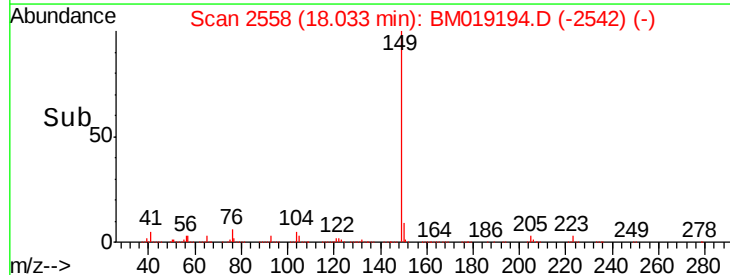
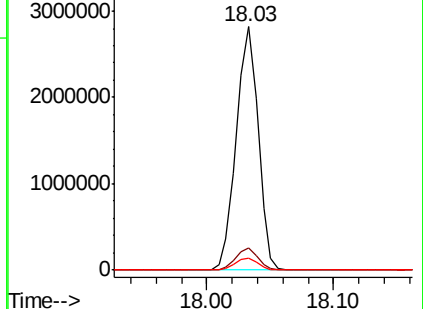
104 5.1 4.2 6.4

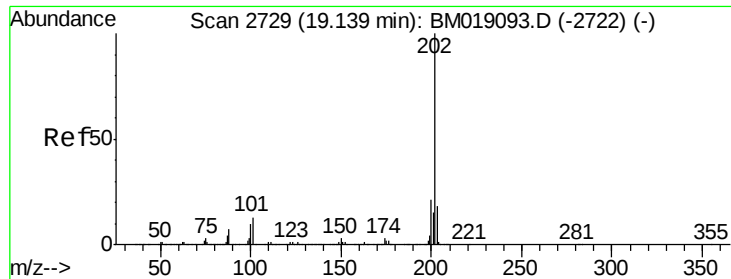


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.257 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

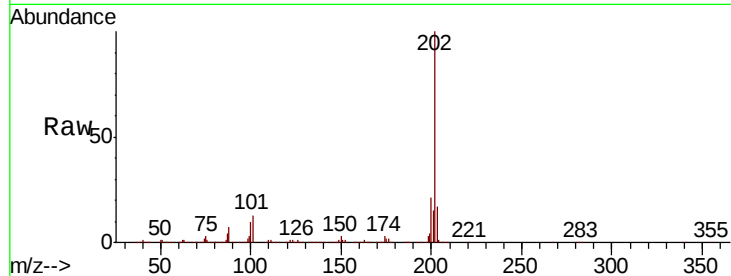
Tgt Ion:202 Resp: 3127570

Ion Ratio Lower Upper

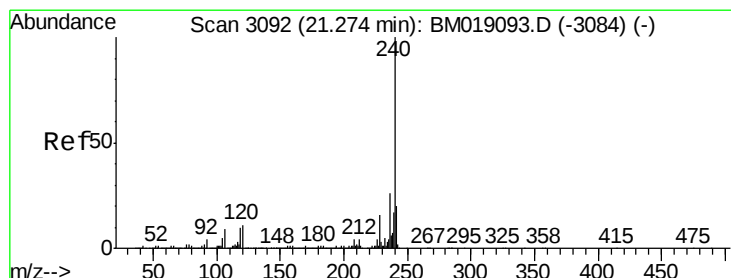
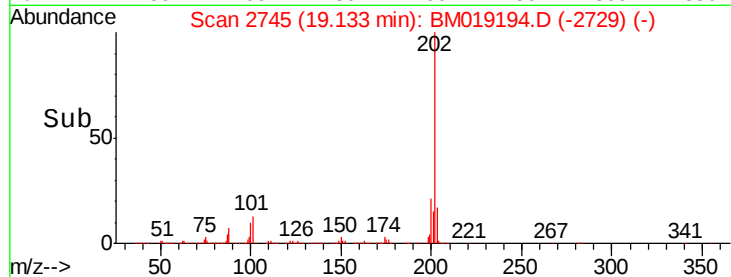
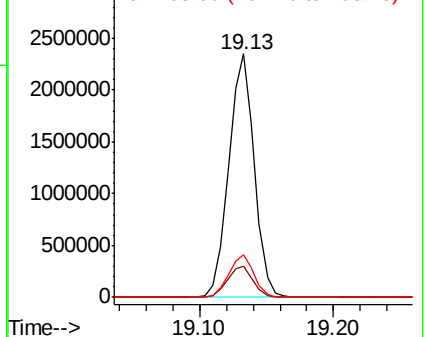
202 100

101 12.5 0.0 33.0

203 17.4 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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

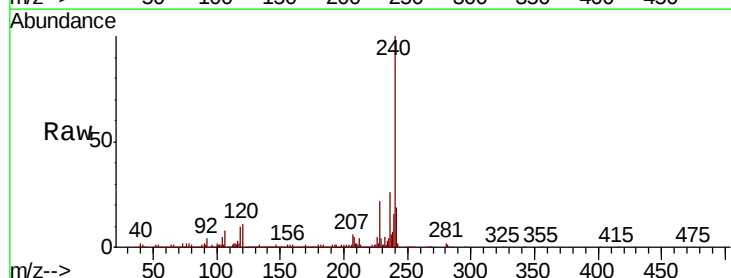
Tgt Ion:240 Resp: 1170338

Ion Ratio Lower Upper

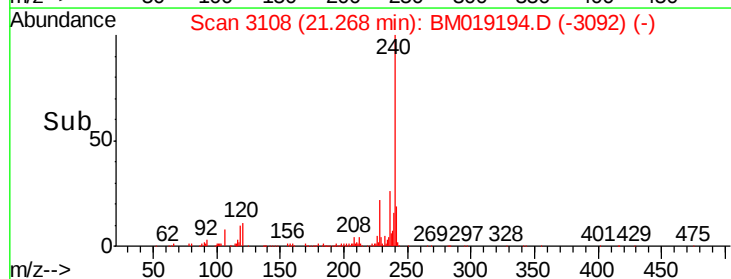
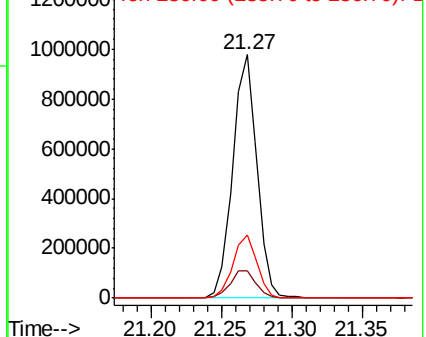
240 100

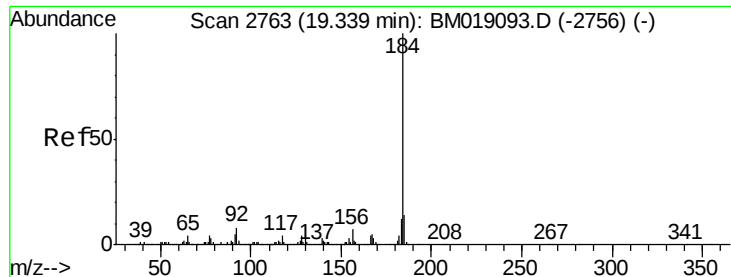
120 11.0 8.9 13.3

236 25.9 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: 15.070 ng

RT: 19.33 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

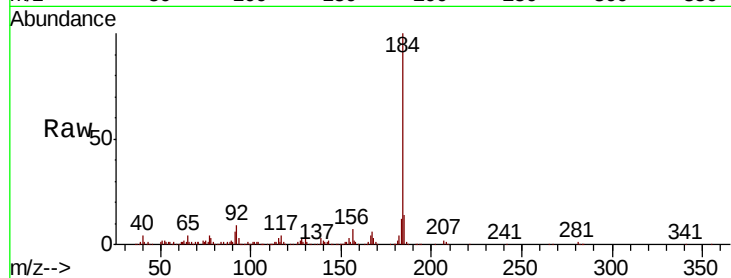
Tgt Ion:184 Resp: 500209

Ion Ratio Lower Upper

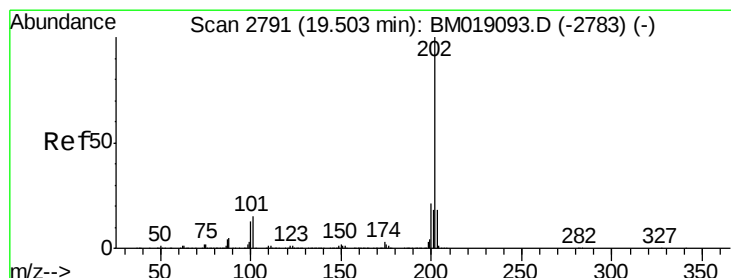
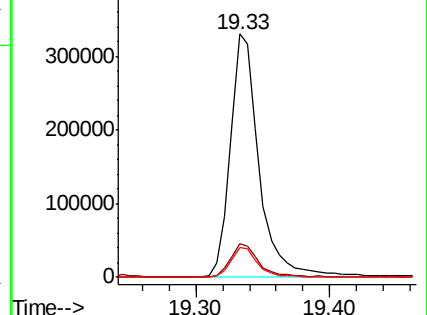
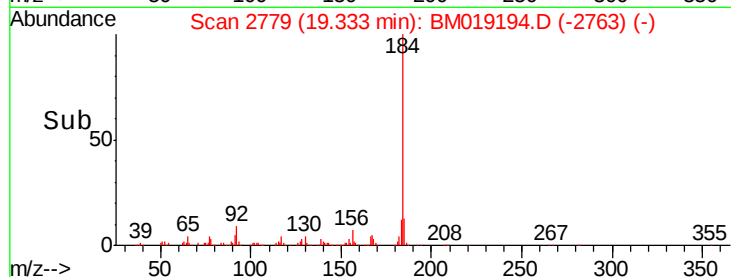
184 100

185 13.9 11.0 16.4

183 12.0 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: 42.535 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

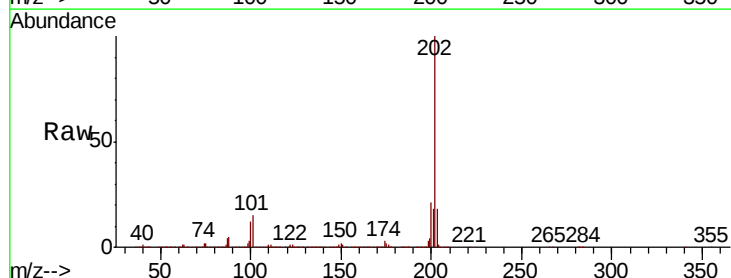
Tgt Ion:202 Resp: 3149647

Ion Ratio Lower Upper

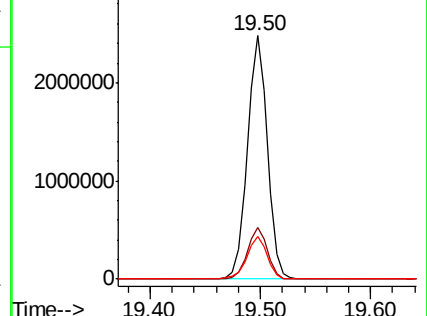
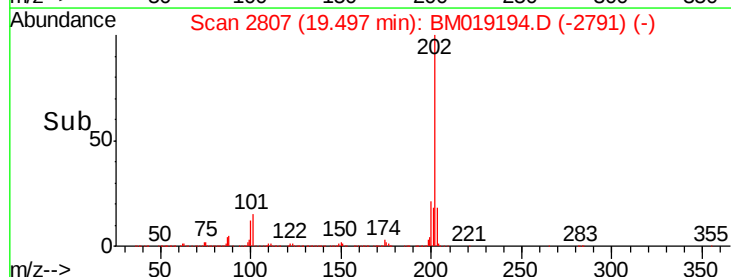
202 100

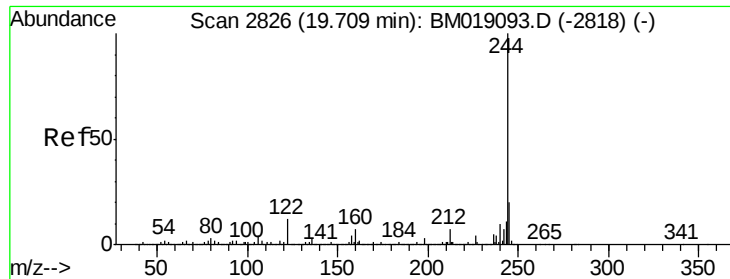
200 21.0 16.9 25.3

203 17.7 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: 86.564 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

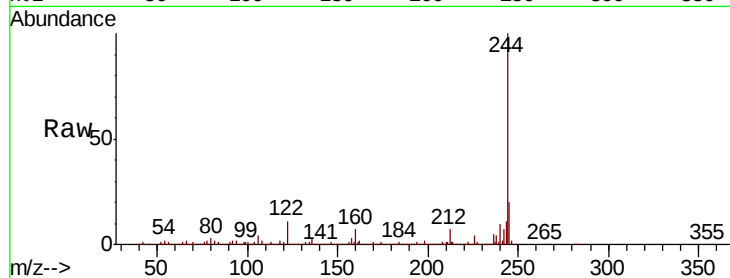
Tgt Ion:244 Resp: 5103168

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.4 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

6000000 Ion 212.00 (211.70 to 212.70): E

5000000 Ion 122.00 (121.70 to 122.70): E

4000000

3000000

2000000

1000000

0

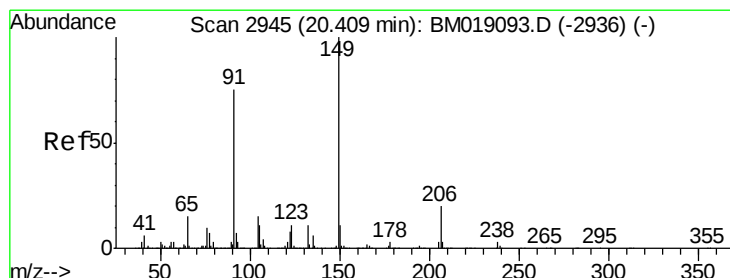
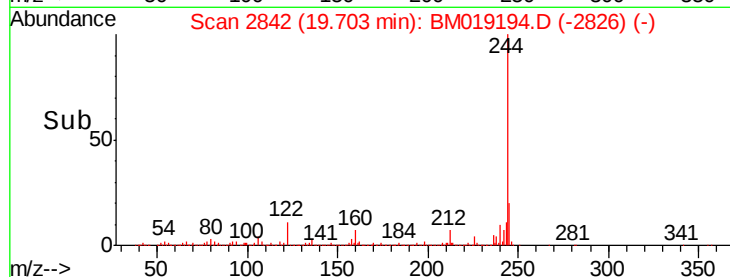
19.70

19.60

19.70

19.80

Time-->



#80

Butylbenzylphthalate

Concen: 48.237 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

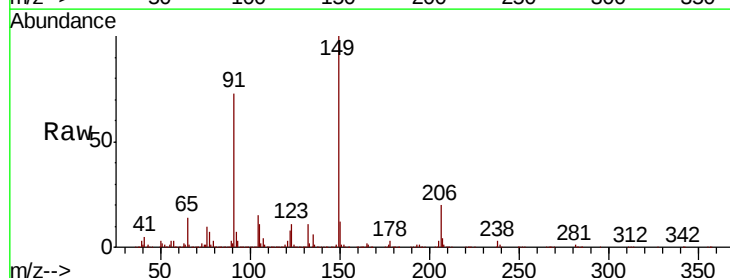
Tgt Ion:149 Resp: 1555765

Ion Ratio Lower Upper

149 100

91 73.3 60.1 90.1

206 19.8 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 91.00 (90.70 to 91.70): BM

1500000 Ion 206.00 (205.70 to 206.70): E

1000000

500000

0

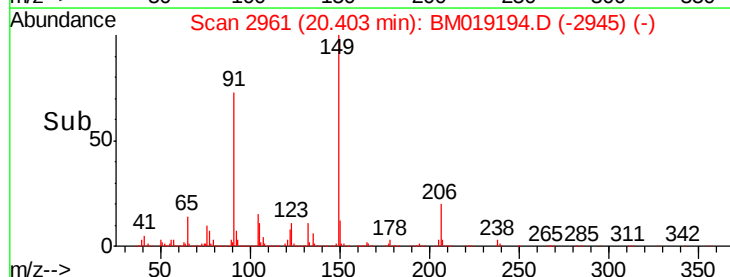
20.40

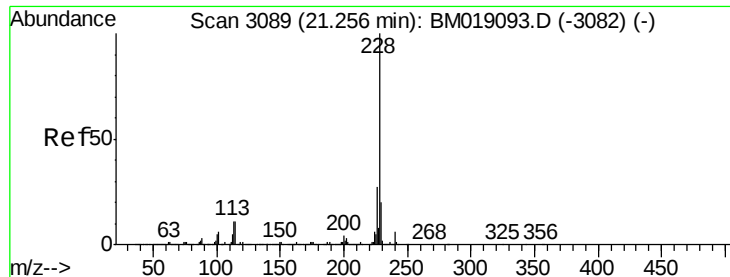
20.35

20.40

20.45

Time-->





#81

Benzo(a)anthracene

Concen: 37.400 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

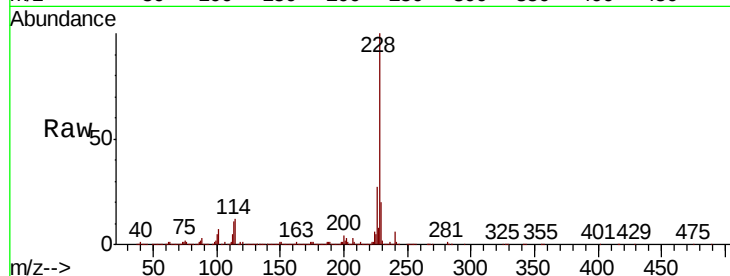
Tgt Ion:228 Resp: 2746000

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

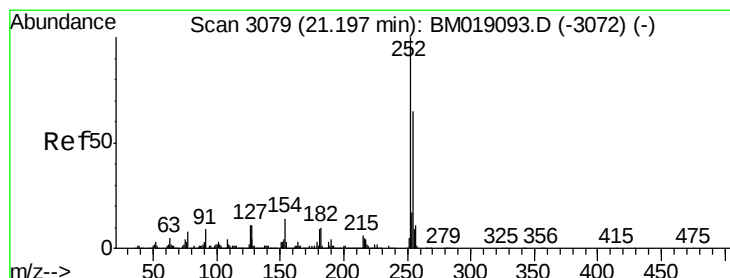
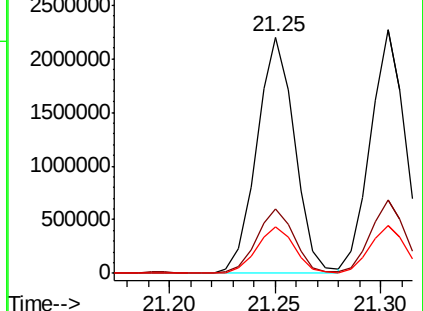
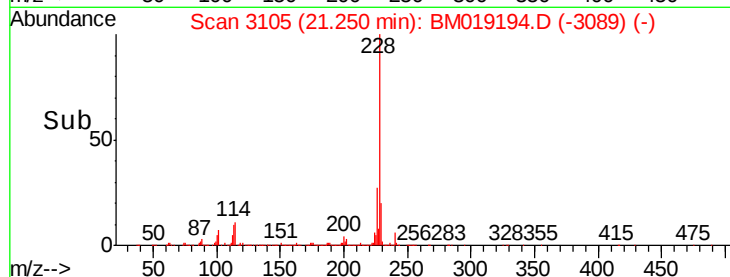
229 19.8 15.8 23.6



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: 34.861 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

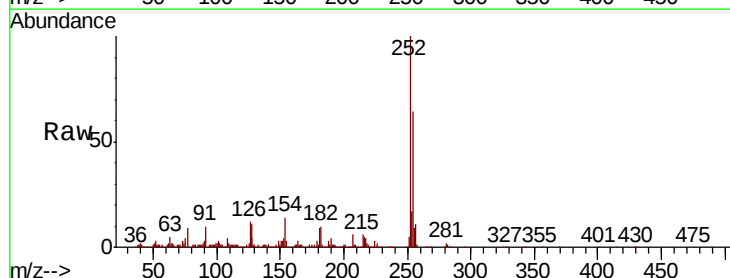
Tgt Ion:252 Resp: 986028

Ion Ratio Lower Upper

252 100

254 64.1 52.4 78.6

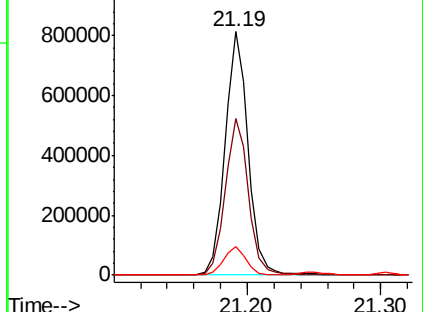
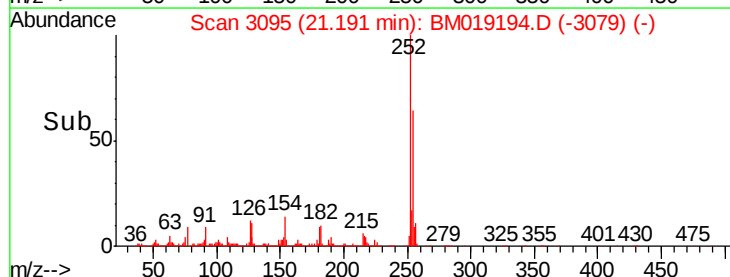
126 11.5 9.0 13.6

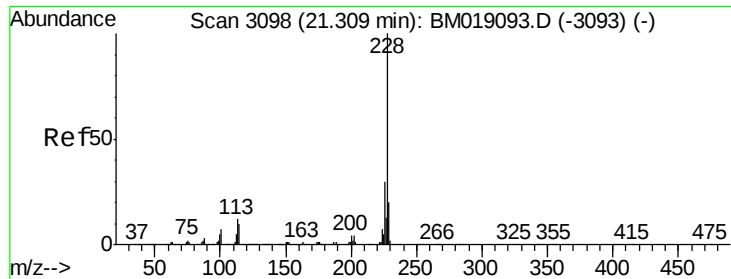


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.894 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

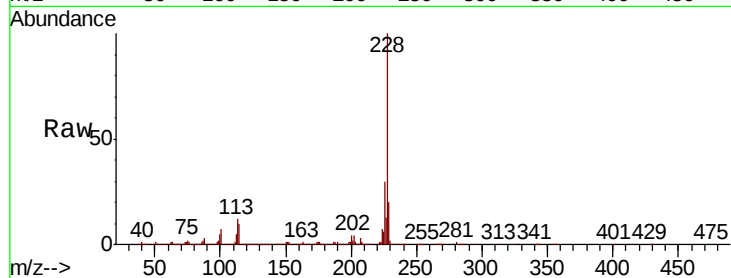
Tgt Ion:228 Resp: 2620683

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.8 15.7 23.5

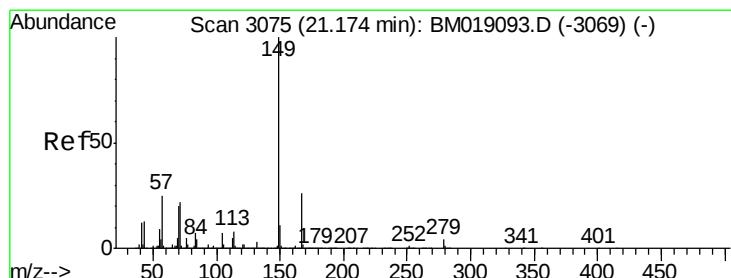
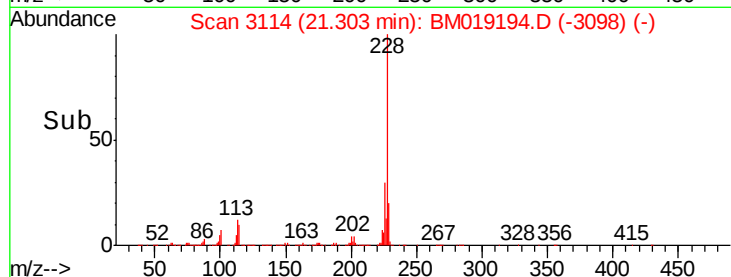
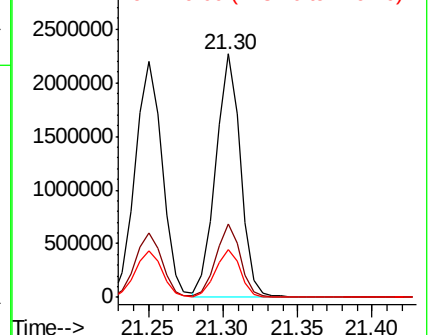


Abundance

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: 49.602 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

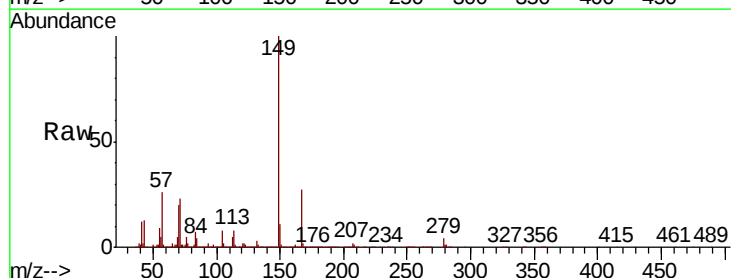
Tgt Ion:149 Resp: 2327429

Ion Ratio Lower Upper

149 100

167 26.7 21.1 31.7

279 4.0 3.2 4.8

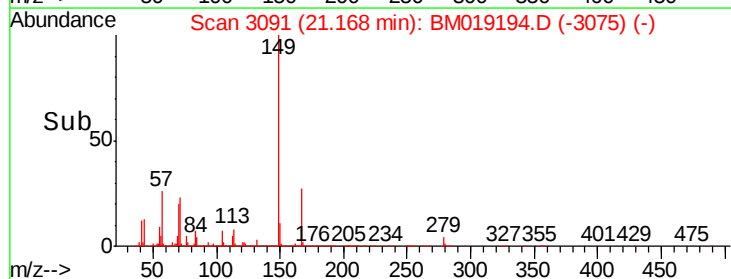
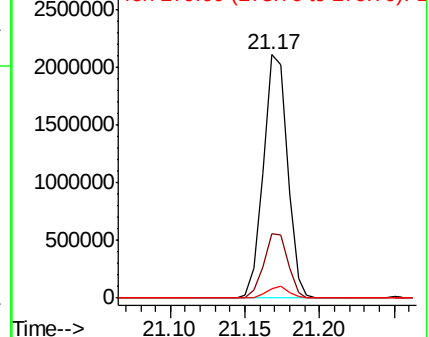


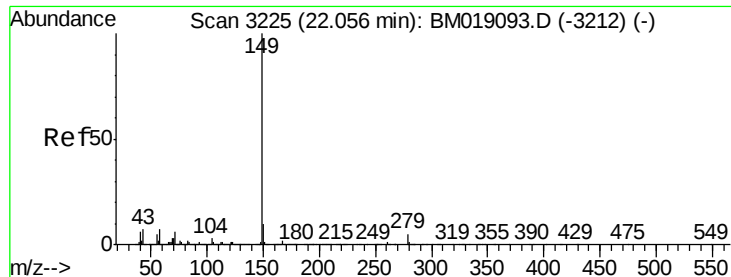
Abundance

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: 47.733 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

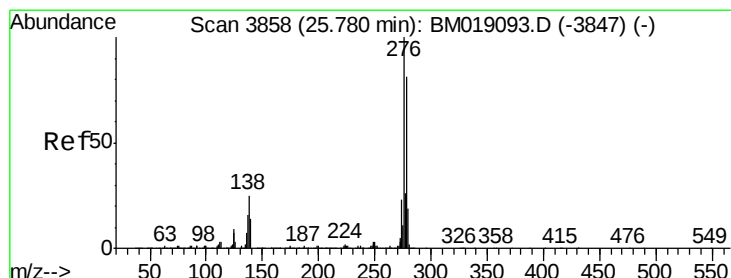
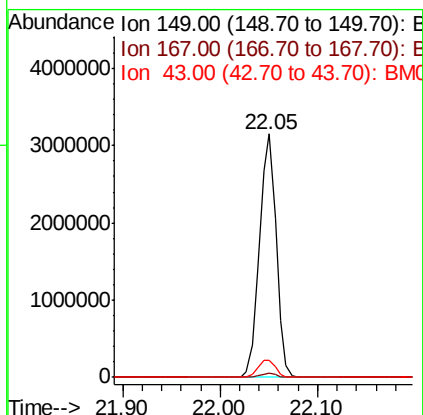
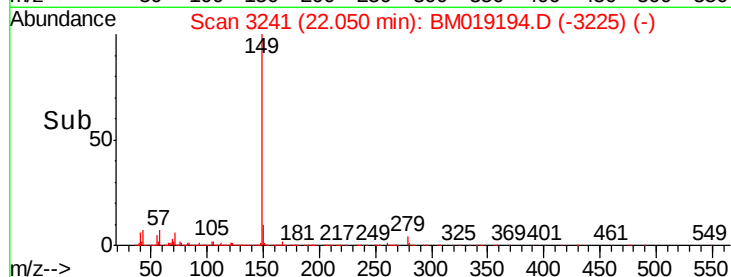
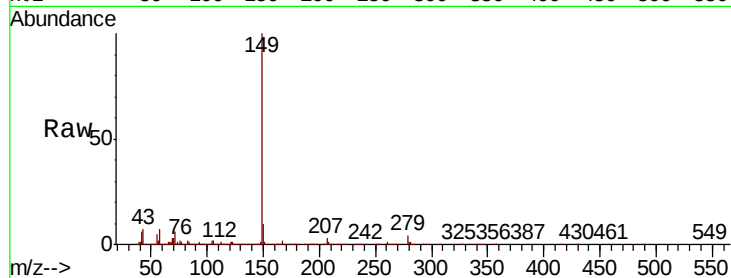
Tgt Ion:149 Resp: 3771449

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.1 9.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.314 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

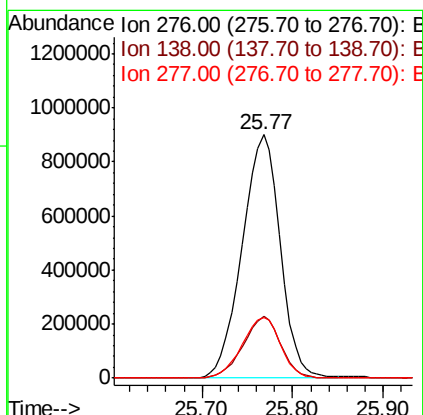
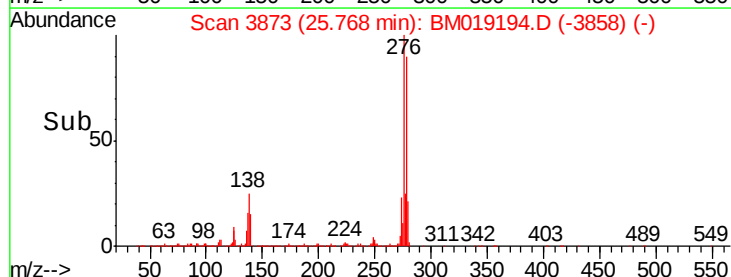
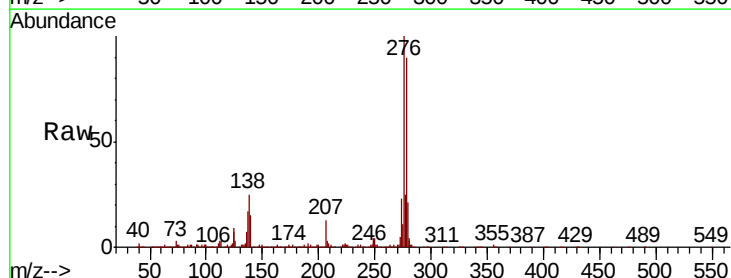
Tgt Ion:276 Resp: 2623806

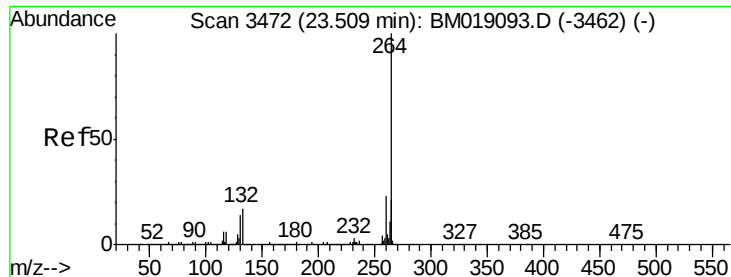
Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

277 25.5 20.3 30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

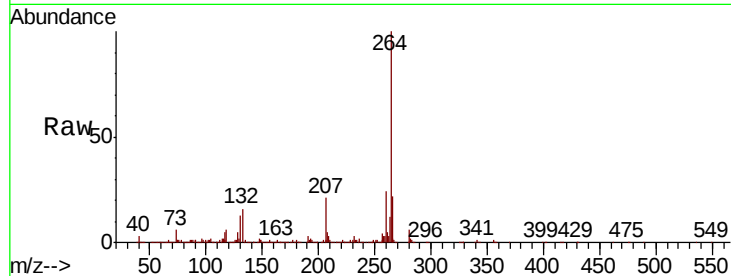
Tgt Ion:264 Resp: 1004922

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

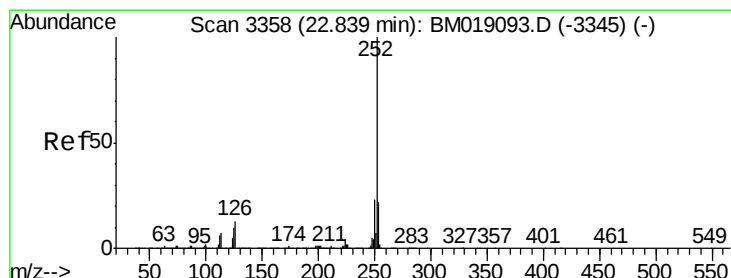
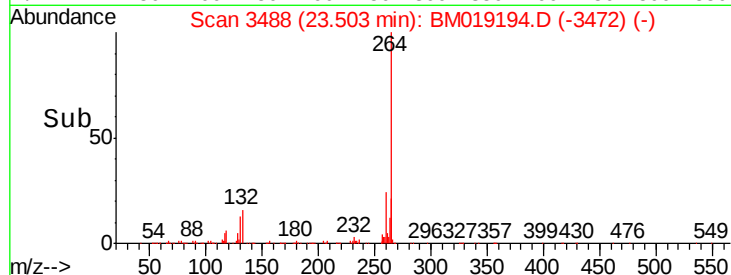
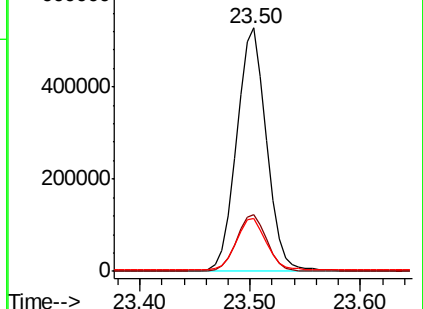
265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.778 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

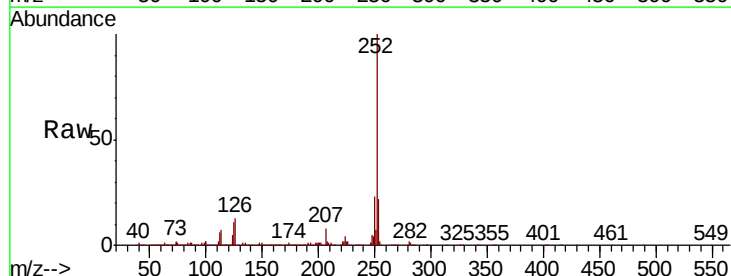
Tgt Ion:252 Resp: 2460005

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

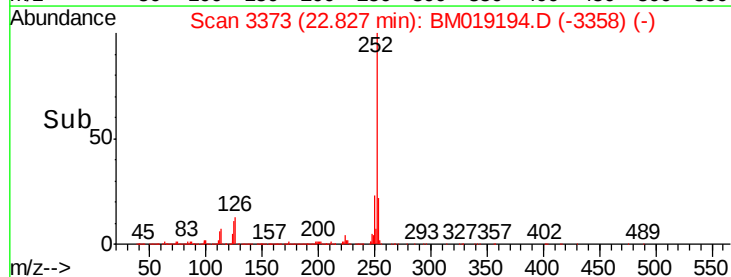
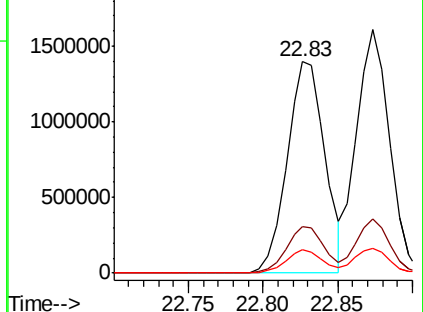
125 10.9 8.1 12.1

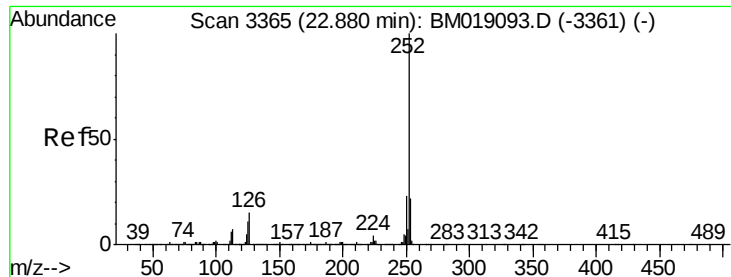


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.035 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

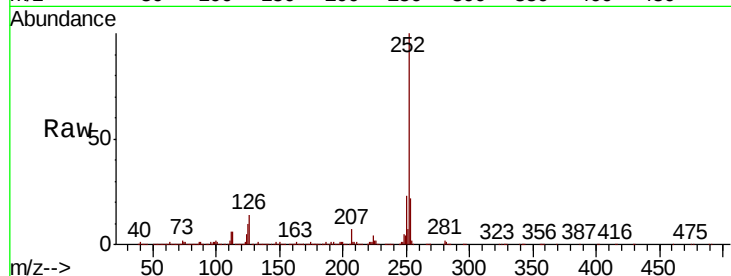
Tgt Ion:252 Resp: 2457696

Ion Ratio Lower Upper

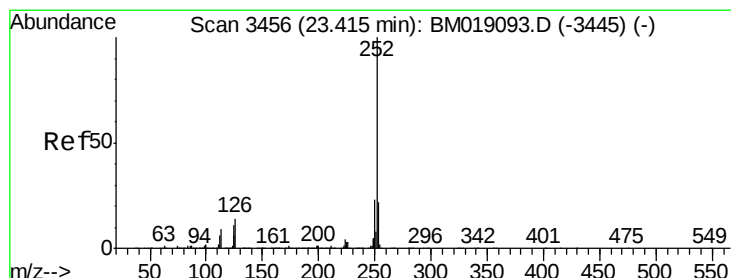
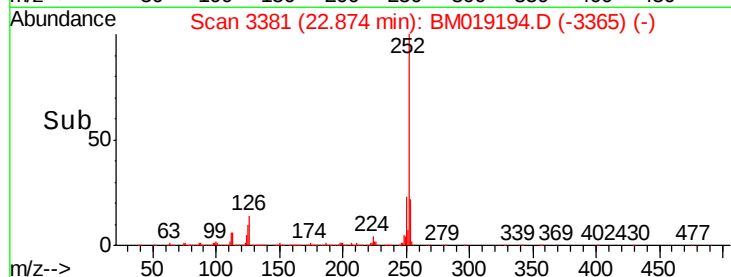
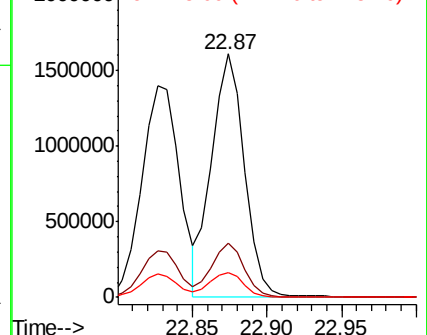
252 100

253 22.1 17.6 26.4

125 10.3 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.159 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

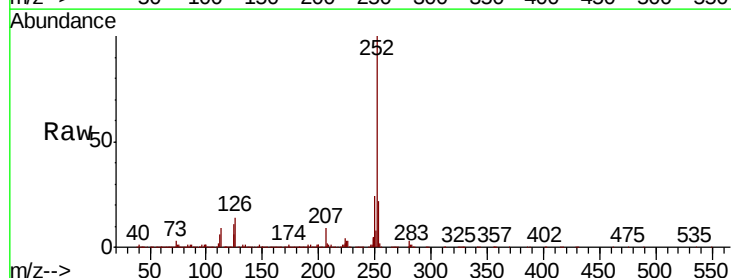
Tgt Ion:252 Resp: 2291523

Ion Ratio Lower Upper

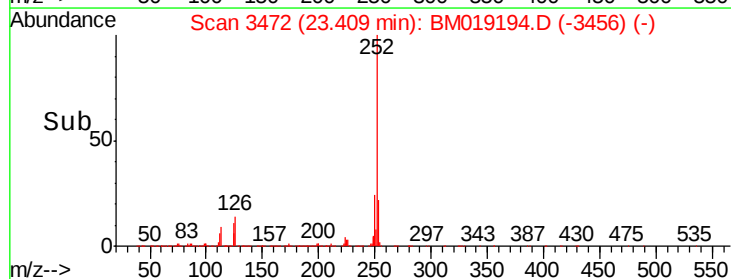
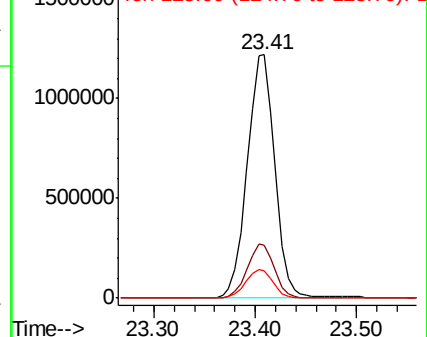
252 100

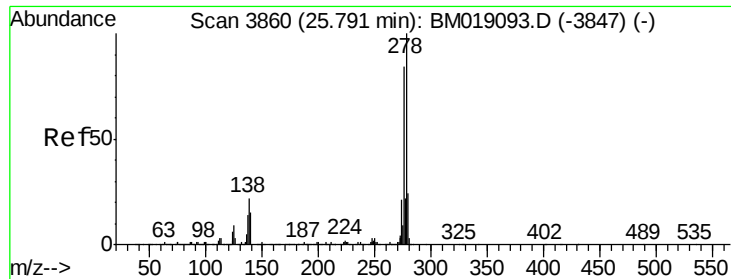
253 21.7 17.4 26.2

125 11.3 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.556 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

Instrument :

BNA_M

ClientSampleId :

TP-5MS

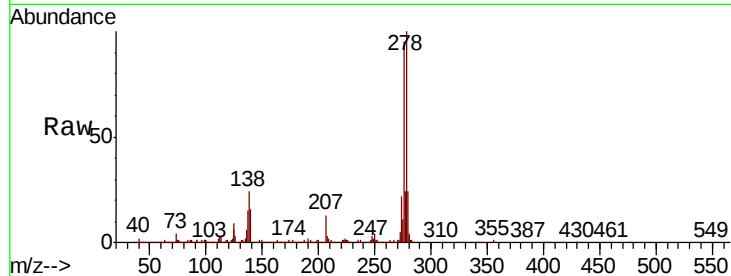
Tgt Ion:278 Resp: 2270272

Ion Ratio Lower Upper

278 100

139 15.8 12.3 18.5

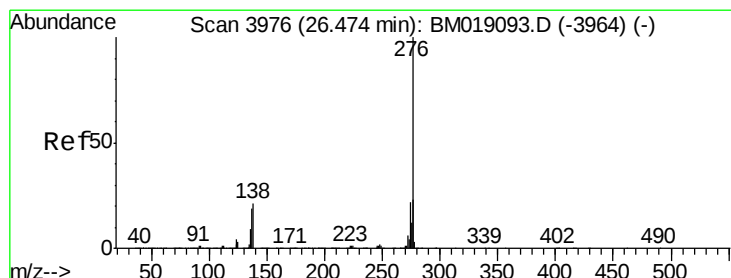
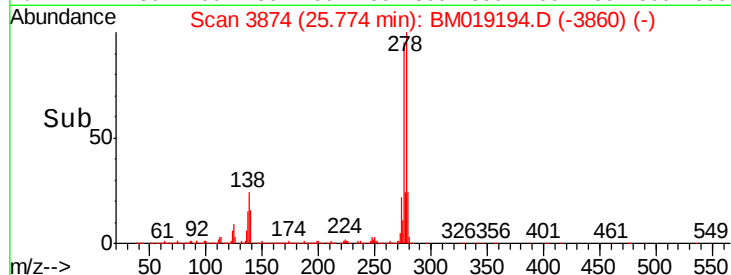
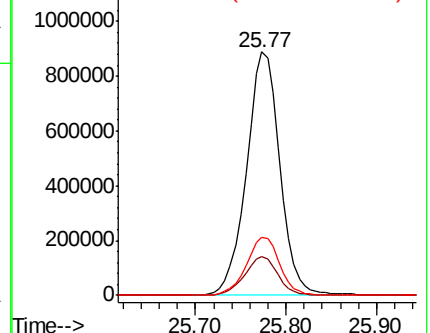
279 23.6 18.9 28.3



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: 41.316 ng

RT: 26.46 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BM019194.D

Acq: 15 Mar 2019 19:54

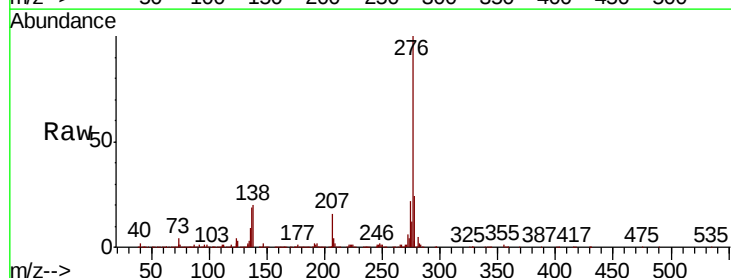
Tgt Ion:276 Resp: 2123351

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.4 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

