

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019155.D
 Acq On : 13 Mar 2019 20:42
 Operator : JU/SJ
 Sample : K1861-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 14 06:56:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	199218	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	900635	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	572624	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1322752	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1366734	20.00	ng	0.00
87) Perylene-d12	23.50	264	1188505	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1582992	128.68	ng	0.00
7) Phenol-d6	6.85	99	2384424	132.52	ng	0.00
23) Nitrobenzene-d5	8.83	82	1458035	76.53	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1083078	128.11	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3142265	71.38	ng	0.00
79) Terphenyl-d14	19.70	244	5139122	74.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	171751	31.385	ng	100
3) Pyridine	3.62	79	374461	25.152	ng	97
4) n-Nitrosodimethylamine	3.54	42	153805	33.230	ng	94
6) Aniline	7.00	93	464862	20.011	ng	98
8) 2-Chlorophenol	7.23	128	568124	38.432	ng	98
9) Benzaldehyde	6.82	77	269327	23.797	ng	99
10) Phenol	6.87	94	841605	43.400	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	515124	34.813	ng	99
12) 1,3-Dichlorobenzene	7.55	146	534881	34.191	ng	99
13) 1,4-Dichlorobenzene	7.69	146	551164	34.558	ng	98
14) 1,2-Dichlorobenzene	8.00	146	538395	34.697	ng	99
15) Benzyl Alcohol	7.91	79	566735	38.056	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	523584	34.654	ng	98
17) 2-Methylphenol	8.10	107	517729	40.971	ng	99
18) Hexachloroethane	8.72	117	202863	34.230	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	524518	35.532	ng	98
20) 3+4-Methylphenols	8.43	107	712187	41.521	ng	100
22) Acetophenone	8.49	105	851836	34.224	ng	100
24) Nitrobenzene	8.87	77	726776	36.677	ng	99
25) Isophorone	9.39	82	1354012	37.243	ng	99
26) 2-Nitrophenol	9.57	139	308907	37.609	ng	100
27) 2,4-Dimethylphenol	9.63	122	572144	46.856	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	800193	37.171	ng	99
29) 2,4-Dichlorophenol	10.10	162	582707	43.088	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	550251	36.084	ng	99
31) Naphthalene	10.49	128	1720244	36.238	ng	100
32) Benzoic acid	9.79	122	303666	29.364	ng	96
33) 4-Chloroaniline	10.63	127	227836	11.708	ng	100
34) Hexachlorobutadiene	10.75	225	292998	33.482	ng	99
35) Caprolactam	11.45	113	96932	20.121	ng	98
36) 4-Chloro-3-methylphenol	11.75	107	698473	41.858	ng	99
37) 2-Methylnaphthalene	12.11	142	1332990	38.643	ng	99
38) 1-Methylnaphthalene	12.33	142	1274997	37.499	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	622222	34.351	ng	99

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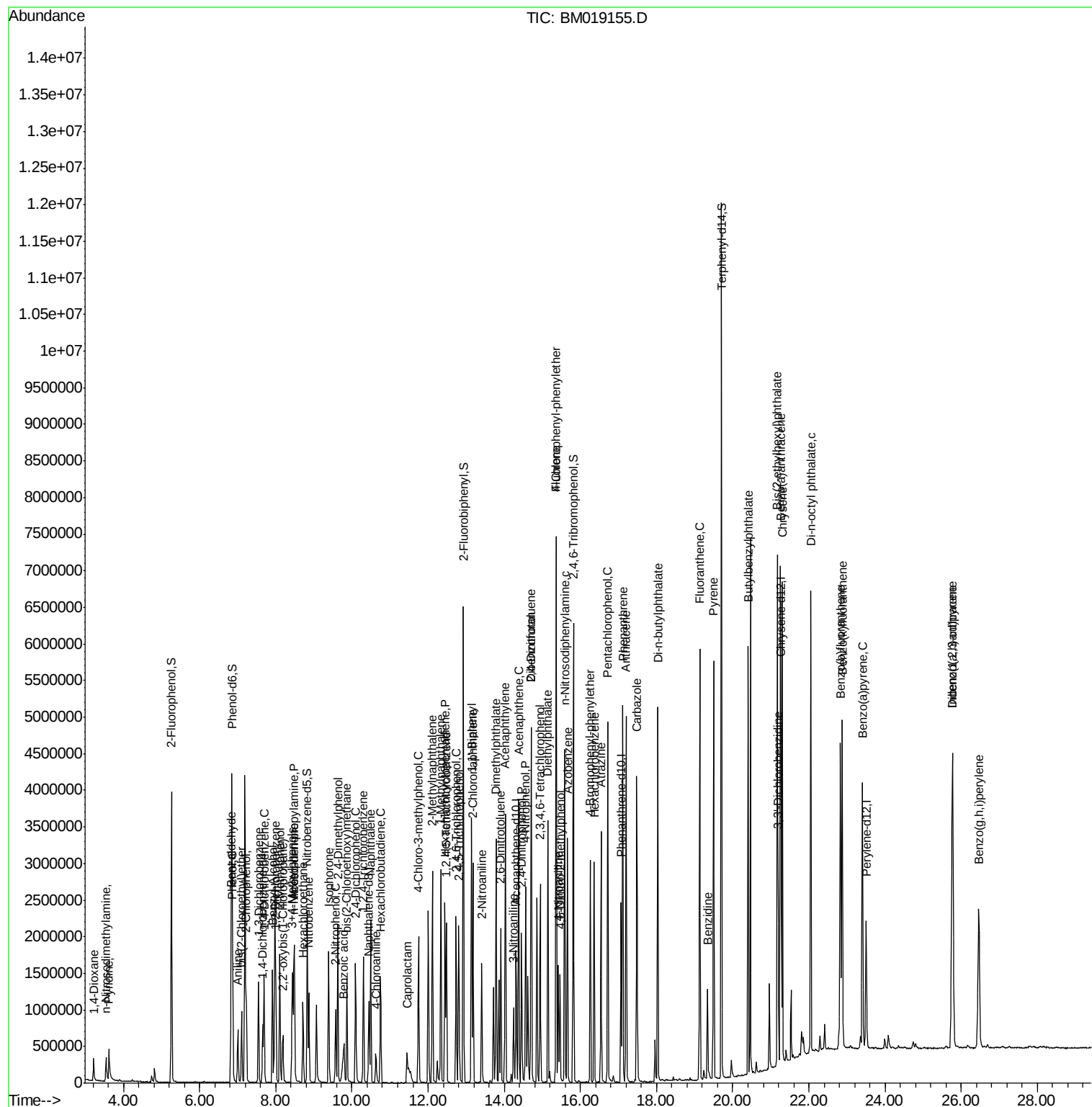
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	645132	78.629	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	482519	41.221	ng	99
44) 2,4,5-Trichlorophenol	12.81	196	509645	40.715	ng	98
46) 1,1'-Biphenyl	13.14	154	1765899	35.312	ng	99
47) 2-Chloronaphthalene	13.18	162	1359715	36.427	ng	99
48) 2-Nitroaniline	13.41	65	489249	39.082	ng	98
49) Acenaphthylene	14.03	152	2275793	36.058	ng	100
50) Dimethylphthalate	13.79	163	2094651	42.761	ng	99
51) 2,6-Dinitrotoluene	13.91	165	402012	37.964	ng	96
52) Acenaphthene	14.38	154	1309641	36.111	ng	99
53) 3-Nitroaniline	14.24	138	251295	22.406	ng	100
54) 2,4-Dinitrophenol	14.46	184	443839	72.173	ng	99
55) Dibenzofuran	14.72	168	2161978	36.965	ng	99
56) 4-Nitrophenol	14.56	139	702977	76.770	ng	99
57) 2,4-Dinitrotoluene	14.70	165	578490	37.635	ng	98
58) Fluorene	15.37	166	1767938	36.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	471628	40.472	ng	99
60) Diethylphthalate	15.14	149	1899512	38.288	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	876556	37.436	ng	98
62) 4-Nitroaniline	15.42	138	403909	35.736	ng	98
63) Azobenzene	15.66	77	2002579	38.360	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	299459	34.548	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1566921	37.208	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	522011	35.787	ng	99
68) Hexachlorobenzene	16.36	284	622022	35.868	ng	99
69) Atrazine	16.54	200	556311	39.244	ng	98
70) Pentachlorophenol	16.72	266	787787	75.399	ng	100
71) Phenanthrene	17.11	178	2790533	35.992	ng	100
72) Anthracene	17.20	178	2855238	37.618	ng	100
73) Carbazole	17.48	167	2625089	36.644	ng	99
74) Di-n-butylphthalate	18.03	149	3360722	38.796	ng	100
75) Fluoranthene	19.13	202	3210463	36.087	ng	100
77) Benzidine	19.34	184	695975	17.955	ng	100
78) Pyrene	19.50	202	3260392	37.703	ng	100
80) Butylbenzylphthalate	20.40	149	1581491	41.989	ng	100
81) Benzo(a)anthracene	21.25	228	3019108	35.211	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	685292	20.747	ng	100
83) Chrysene	21.30	228	2893253	34.879	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2327819	42.482	ng	98
85) Di-n-octyl phthalate	22.05	149	3876258	42.010	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2828419	31.675	ng	100
88) Benzo(b)fluoranthene	22.83	252	2793923	36.279	ng	100
89) Benzo(k)fluoranthene	22.87	252	2805932	39.613	ng	100
90) Benzo(a)pyrene	23.41	252	2604724	37.636	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	2420706	36.564	ng	100
92) Benzo(g,h,i)perylene	26.46	276	2244048	36.920	ng	100

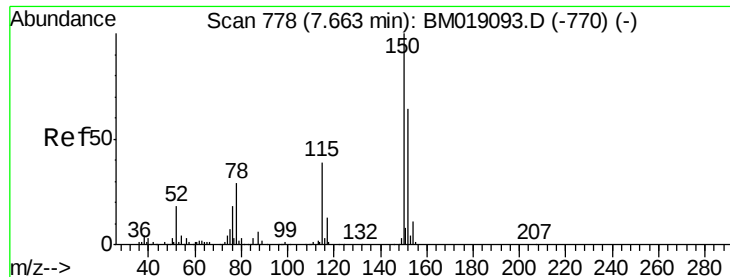
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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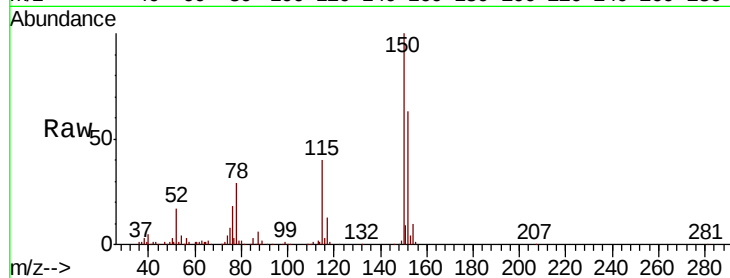


#1

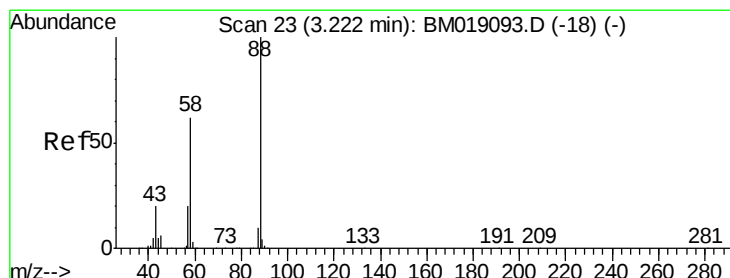
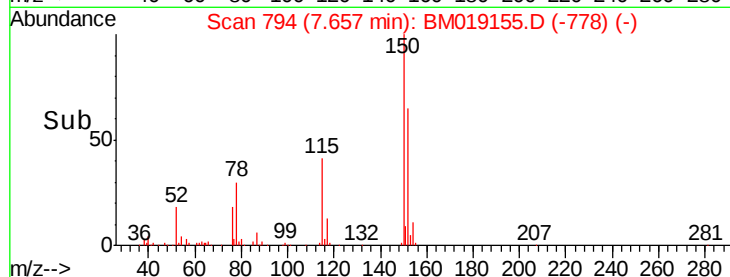
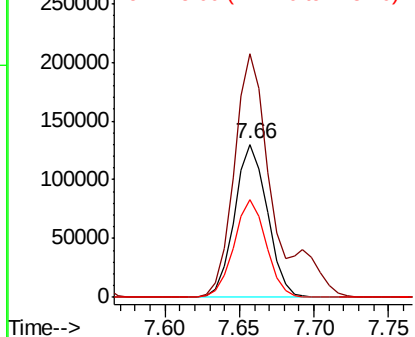
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	199218
Ion Ratio	Lower	Upper	
152	100		
150	159.4	125.3	187.9
115	64.1	49.4	74.0



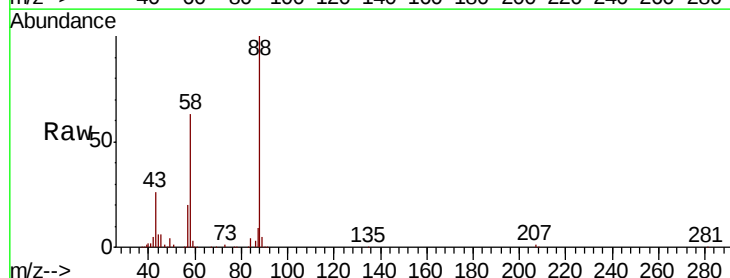
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



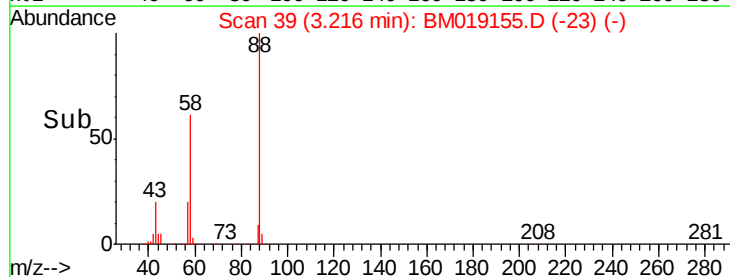
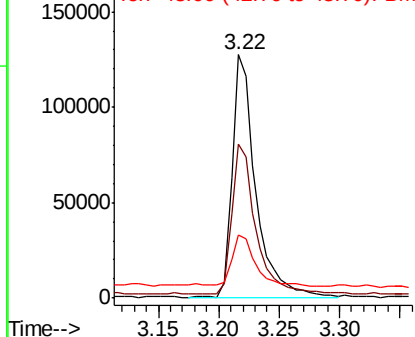
#2

1,4-Dioxane
Concen: 31.385 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion	88	Resp	171751
Ion Ratio	Lower	Upper	
88	100		
58	62.0	50.0	75.0
43	21.2	17.0	25.4



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





#3

Pvridine

Concen: 25.152 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

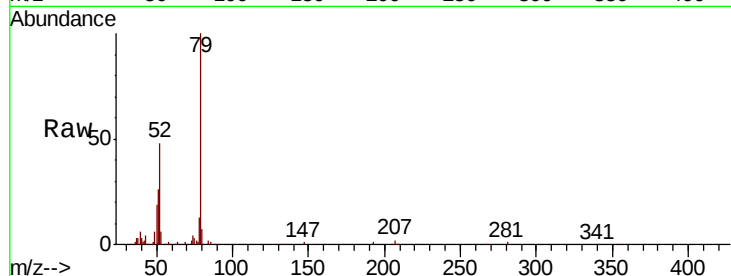
Tot Ion: 79 Resp: 374461

Ion Ratio Lower Upper

79 100

52 48.1 37.5 56.3

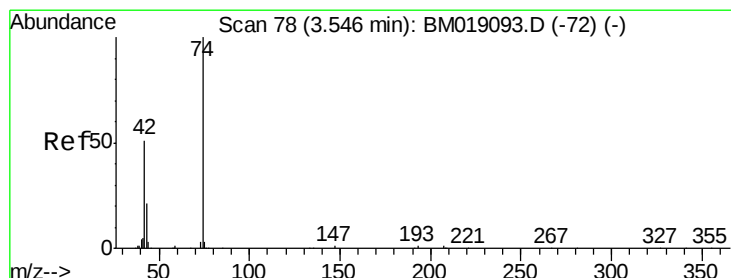
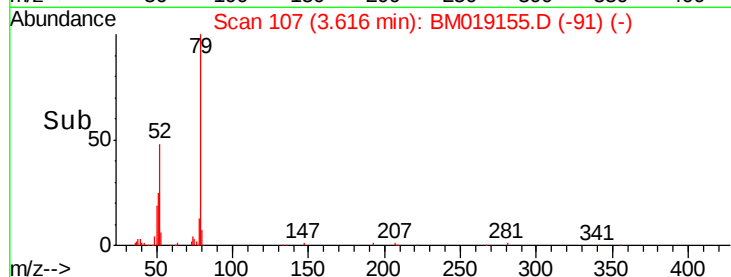
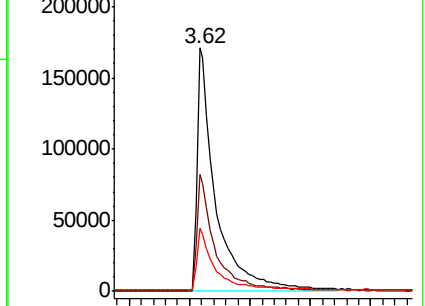
51 26.2 19.2 28.8



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

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

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



#4

n-Nitrosodimethylamine

Concen: 33.230 ng

RT: 3.54 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

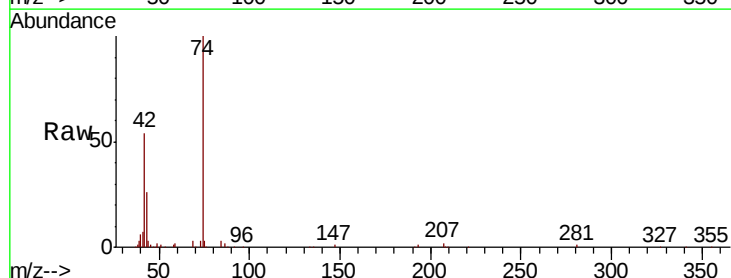
Tgt Ion: 42 Resp: 153805

Ion Ratio Lower Upper

42 100

74 186.4 156.3 234.5

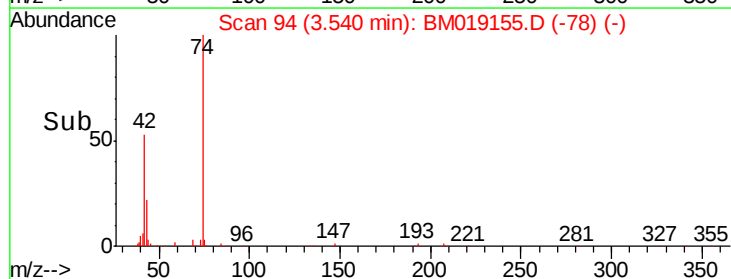
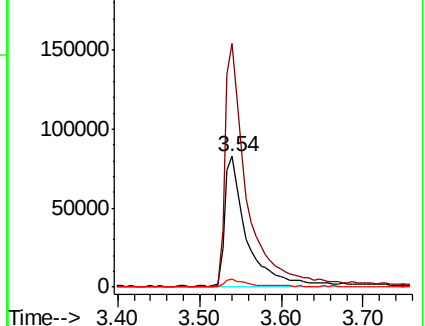
44 5.9 4.6 7.0

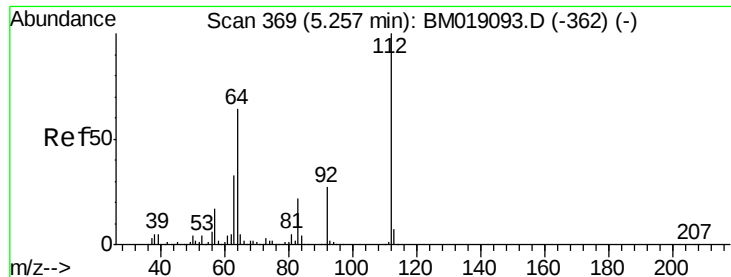


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

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

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





#5

2-Fluorophenol

Concen: 128.684 ng

RT: 5.26 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampled :

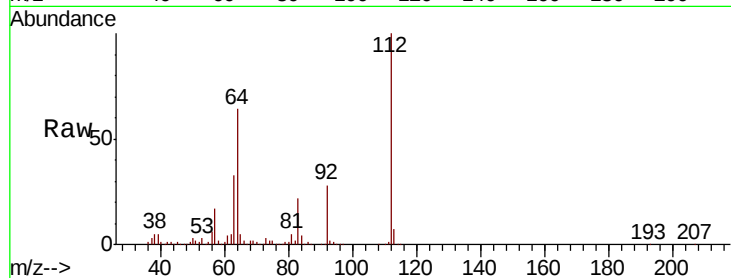
Tot Ion:112 Resp: 1582992

Ion Ratio Lower Upper

112 100

64 63.6 51.4 77.0

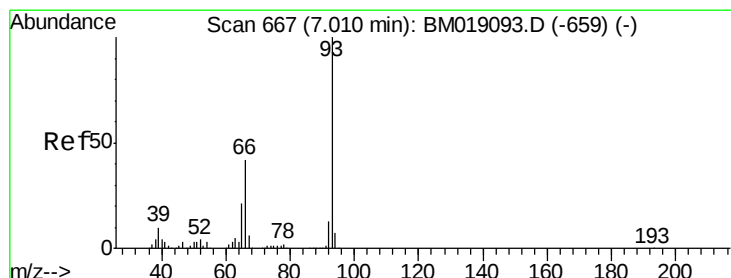
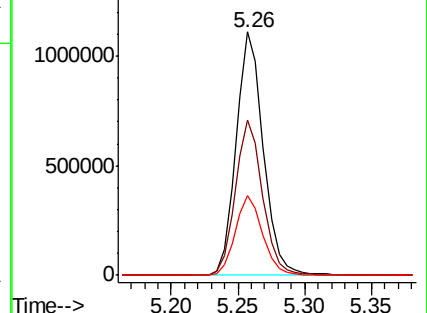
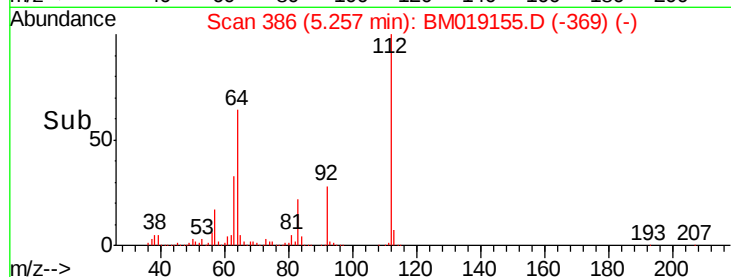
63 32.8 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 20.011 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

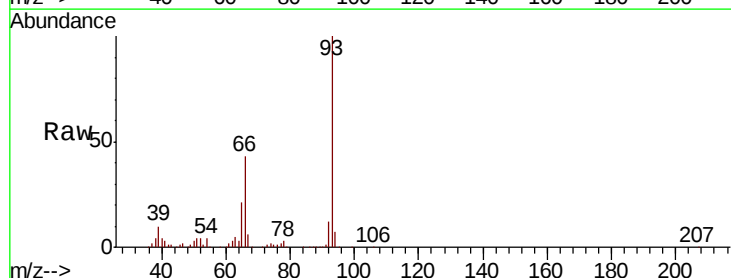
Tgt Ion: 93 Resp: 464862

Ion Ratio Lower Upper

93 100

66 43.1 33.4 50.2

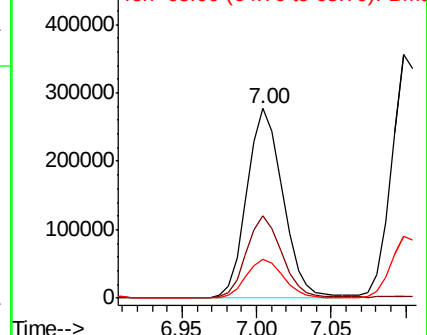
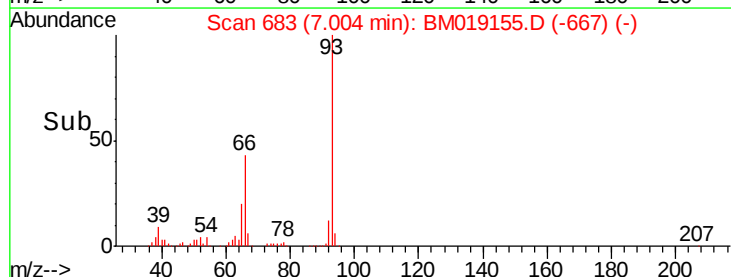
65 20.8 16.8 25.2

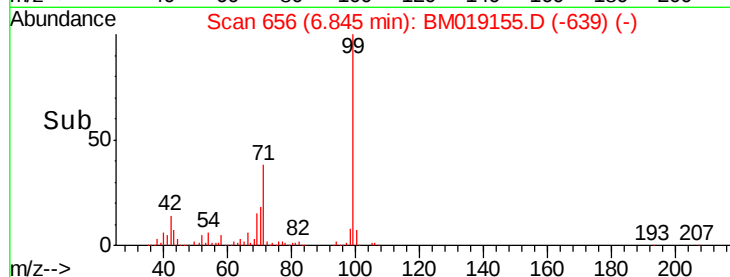
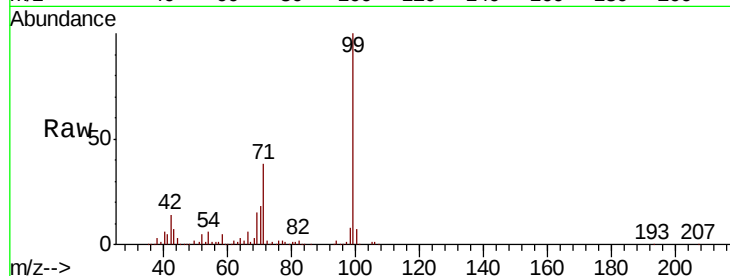
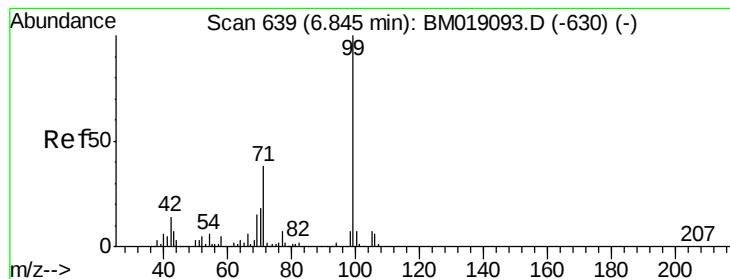


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 132.517 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

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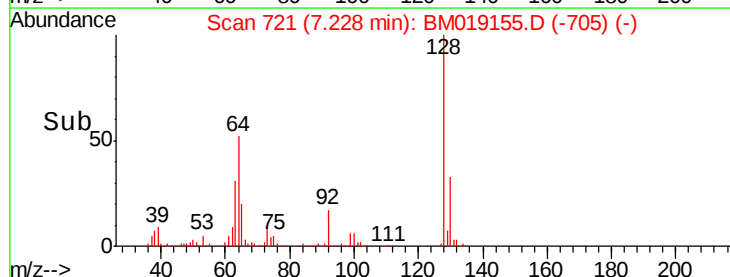
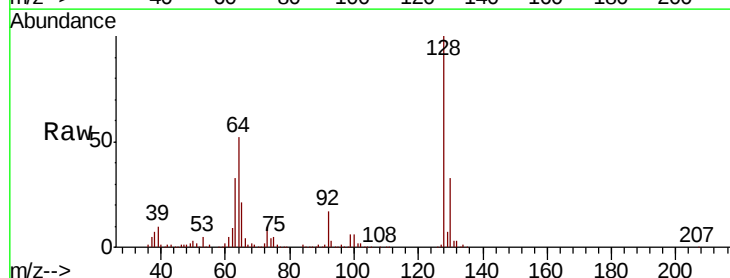
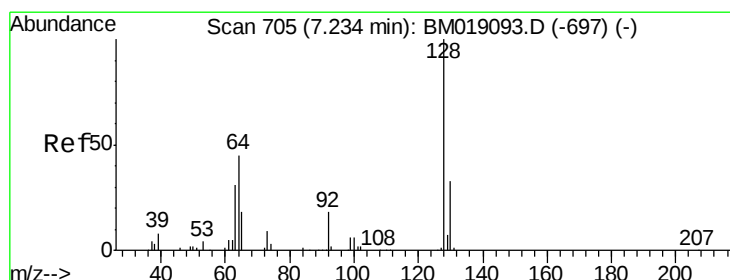
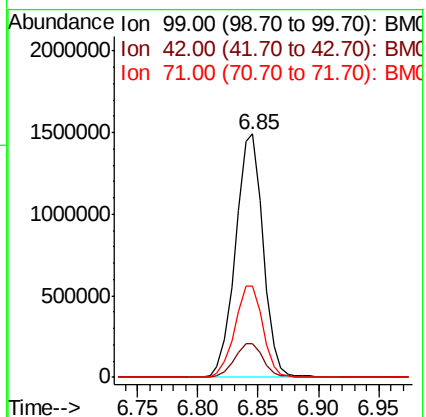
Tot Ion: 99 Resp: 2384424

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

71 37.7 30.3 45.5



#8

2-Chlorophenol

Concen: 38.432 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

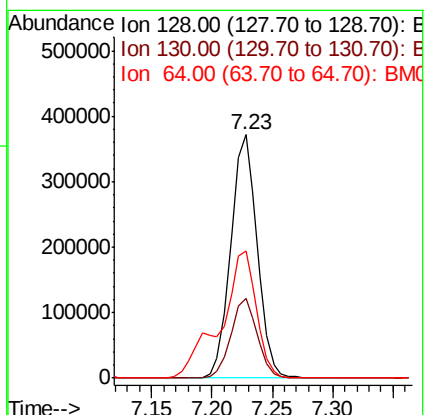
Tgt Ion:128 Resp: 568124

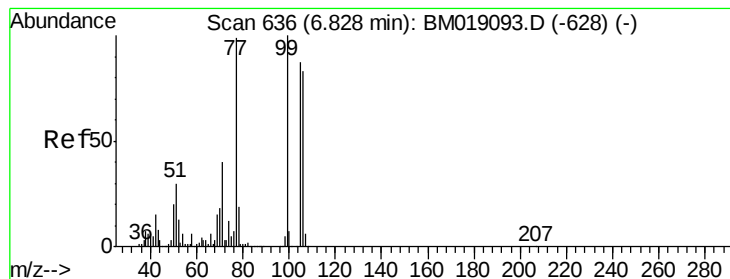
Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

64 52.3 30.8 70.8





#9

Benzaldehyde

Concen: 23.797 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampled :

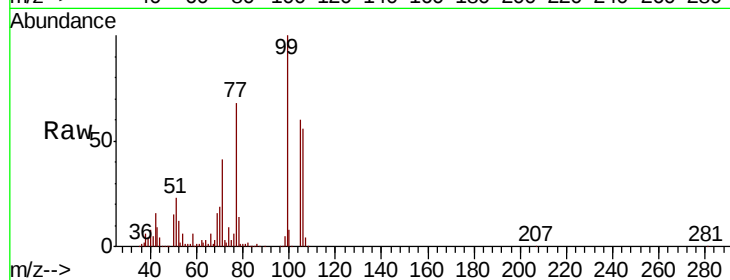
Tot Ion: 77 Resp: 269327

Ion Ratio Lower Upper

77 100

105 87.6 67.7 107.7

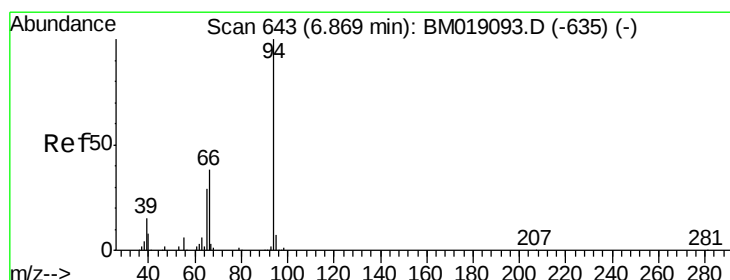
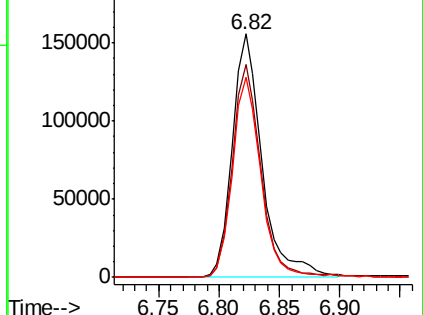
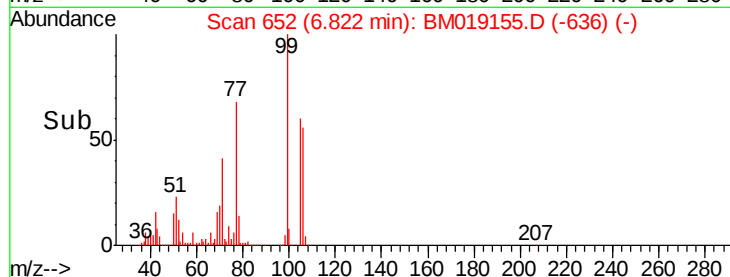
106 82.2 64.1 104.1



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) (-)



#10

Phenol

Concen: 43.400 ng

RT: 6.87 min Scan# 660

Delta R.T. 0.00 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

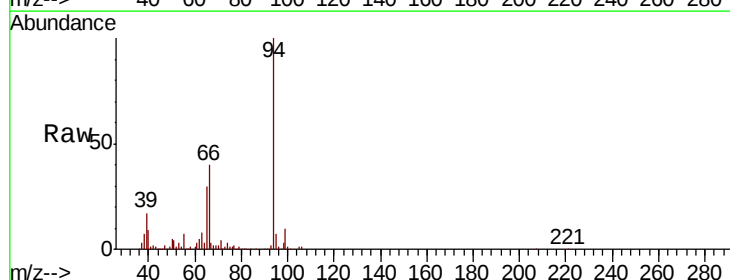
Tgt Ion: 94 Resp: 841605

Ion Ratio Lower Upper

94 100

65 30.3 9.7 49.7

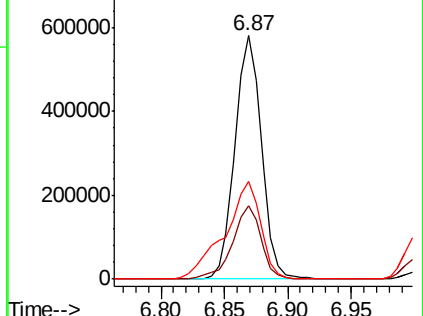
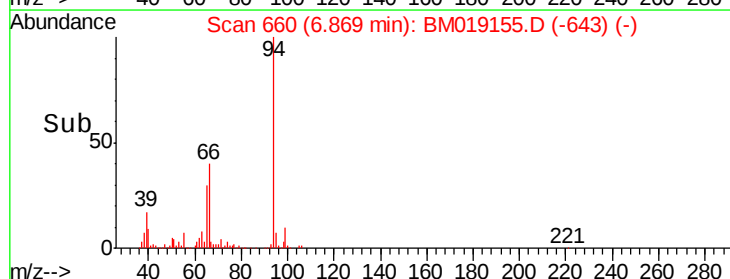
66 40.4 19.2 59.2

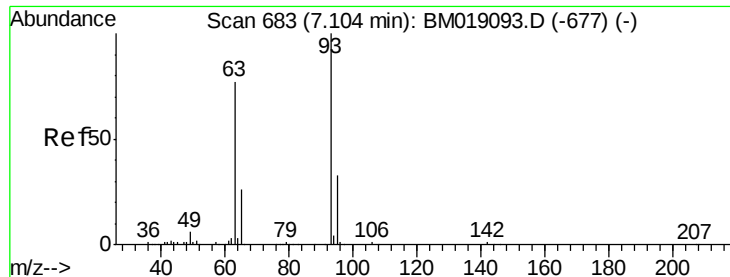


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

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

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

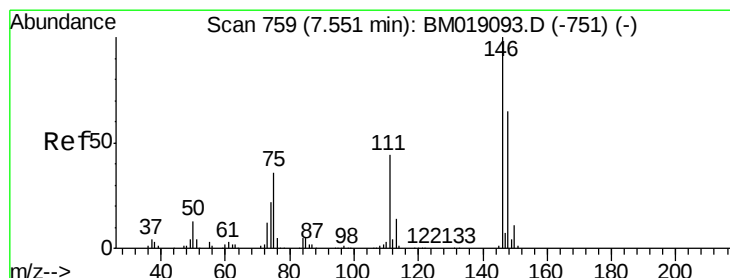
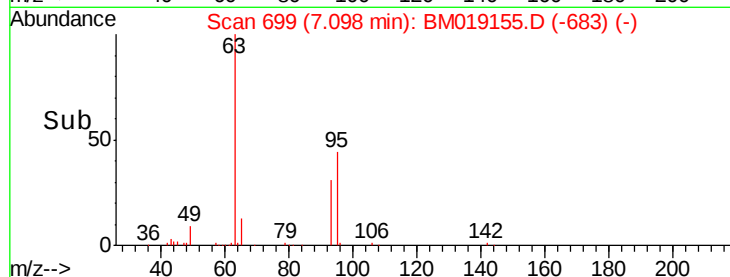
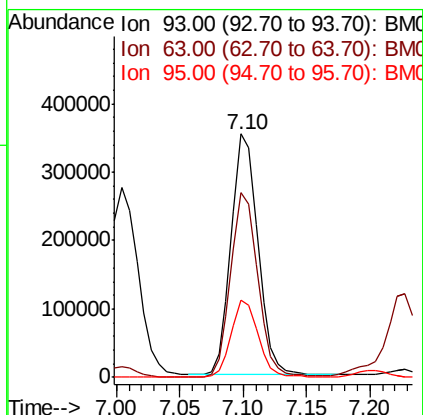
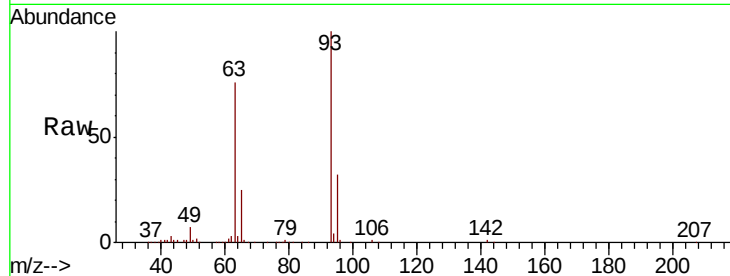




#11
bis(2-Chloroethyl)ether
Concen: 34.813 ng
RT: 7.10 min Scan# 699
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

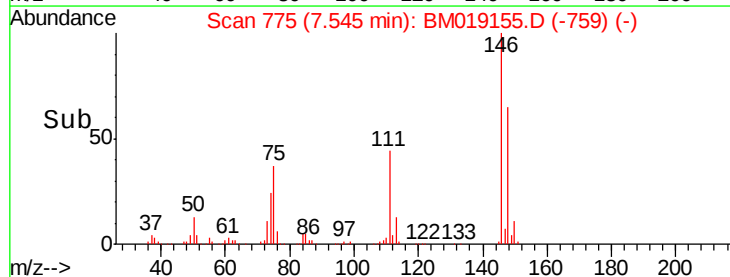
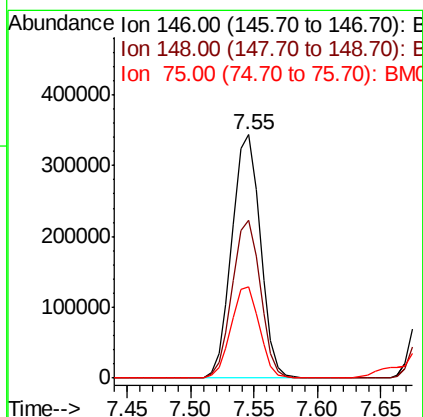
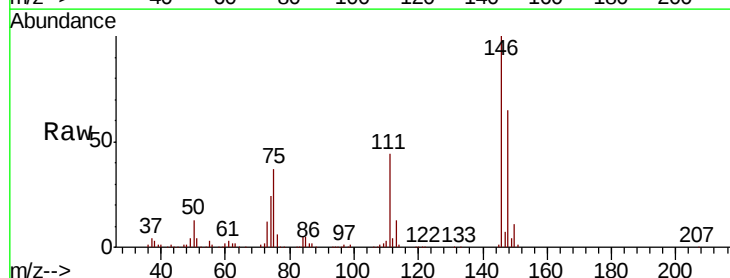
Instrument :
BNA_M
ClientSampleId :

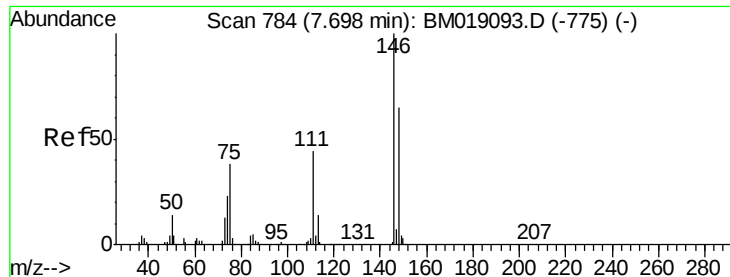
Tot Ion: 93 Resp: 515124
Ion Ratio Lower Upper
93 100
63 75.9 56.6 96.6
95 31.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 34.191 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion: 146 Resp: 534881
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
75 37.4 29.1 43.7

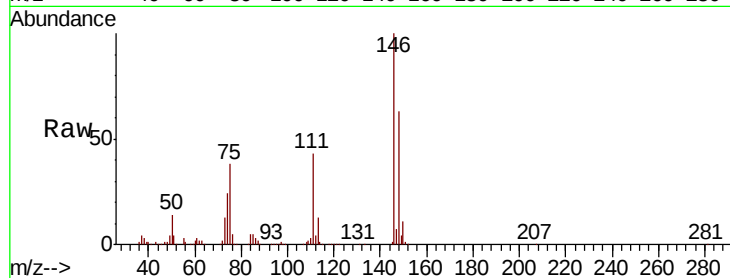




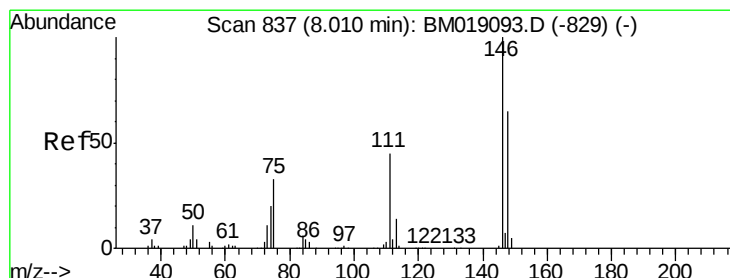
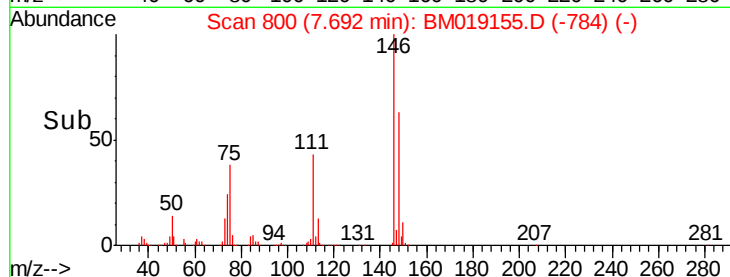
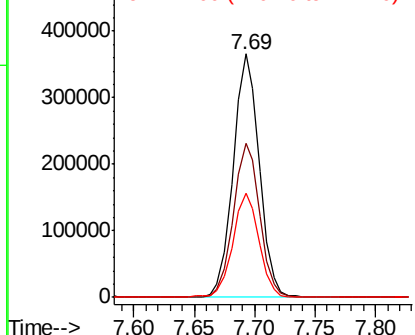
#13
 1,4-Dichlorobenzene
 Concen: 34.558 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 551164
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 111 42.7 35.4 53.0

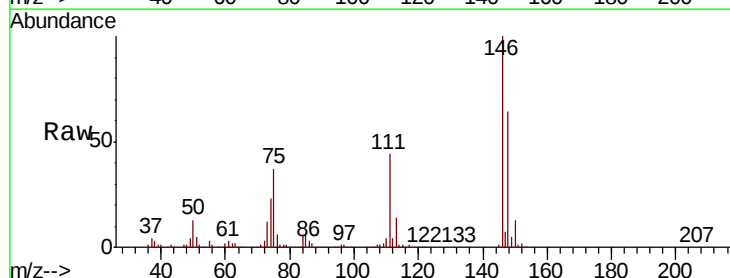


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

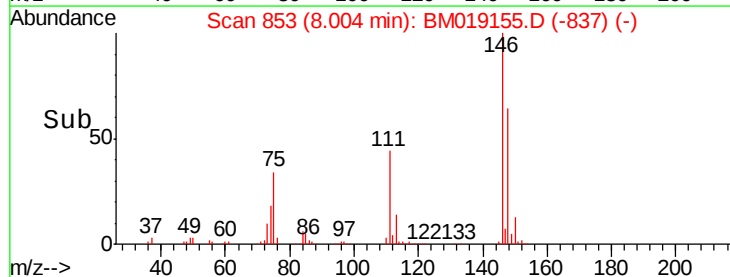
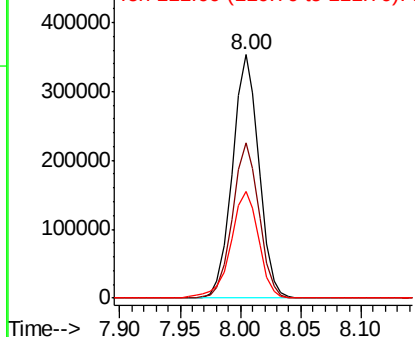


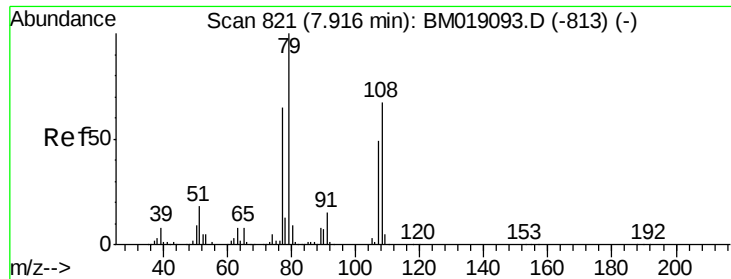
#14
 1,2-Dichlorobenzene
 Concen: 34.697 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion:146 Resp: 538395
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 44.1 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.056 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampled :

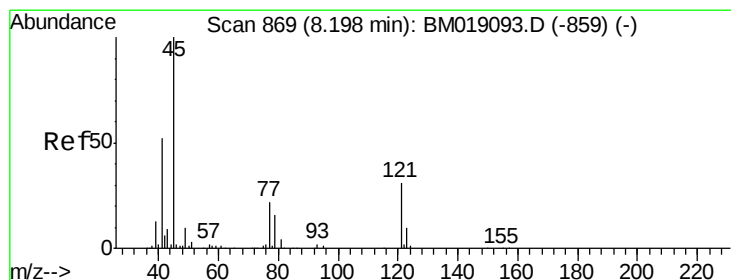
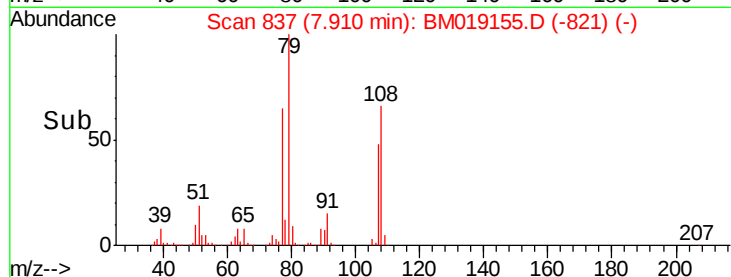
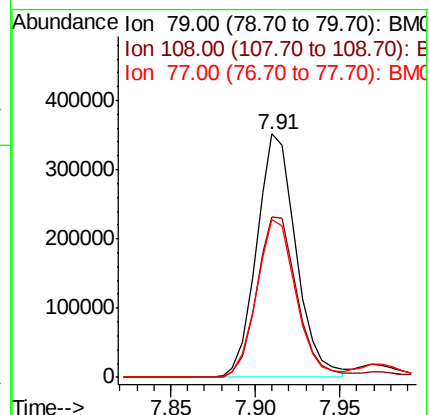
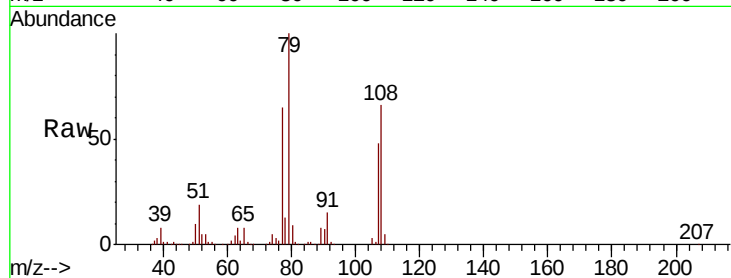
Tot Ion: 79 Resp: 566735

Ion Ratio Lower Upper

79 100

108 66.1 53.7 80.5

77 64.6 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.654 ng

RT: 8.19 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

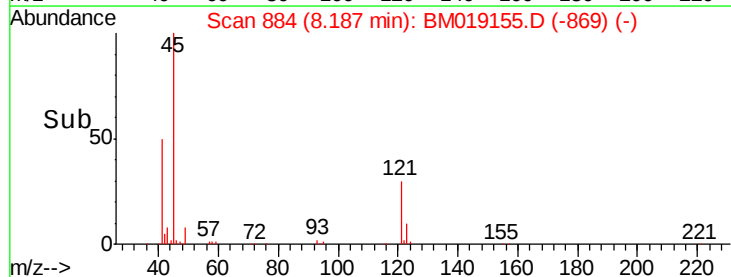
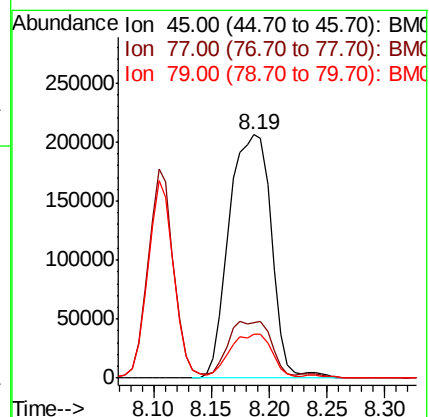
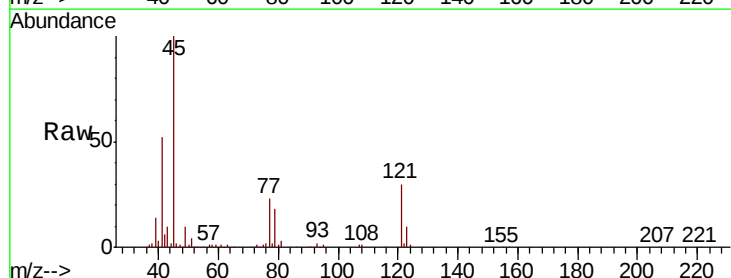
Tgt Ion: 45 Resp: 523584

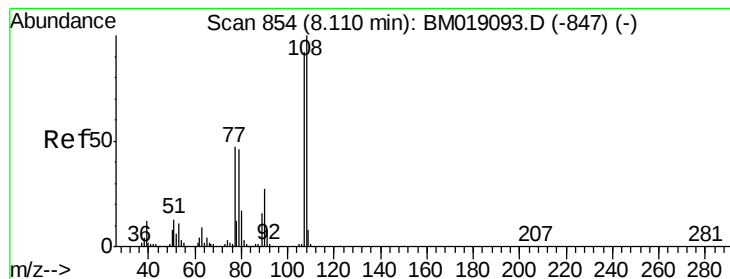
Ion Ratio Lower Upper

45 100

77 22.8 4.1 44.1

79 18.1 0.0 38.1

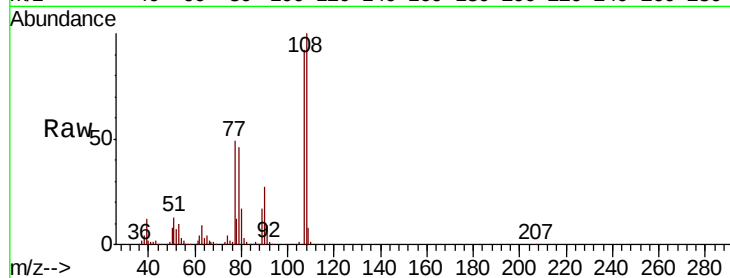




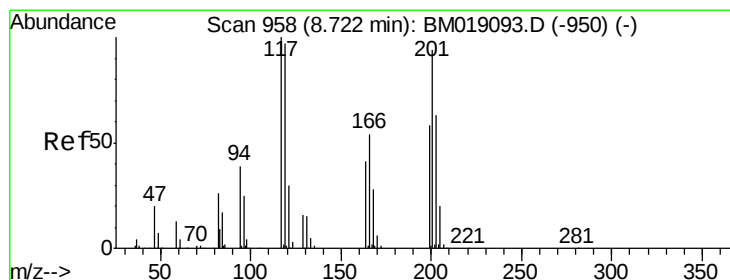
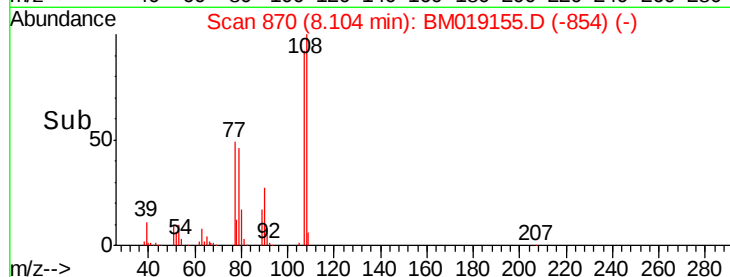
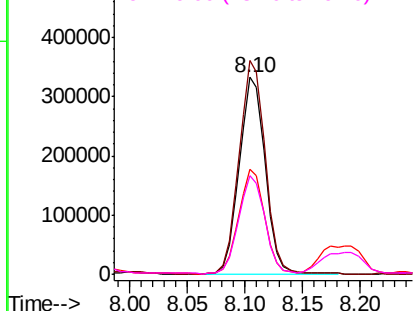
#17
2-Methylphenol
Concen: 40.971 ng
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	517729
Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.4	131.2
77	53.2	41.6	62.4
79	50.3	40.6	60.8

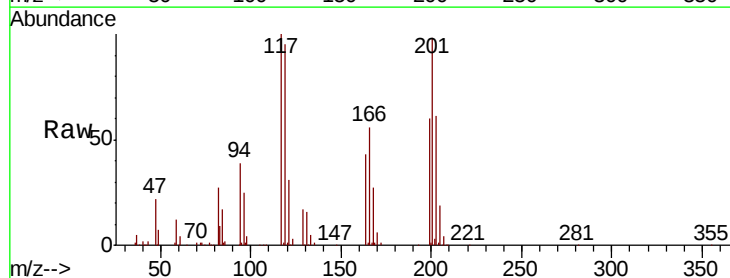


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

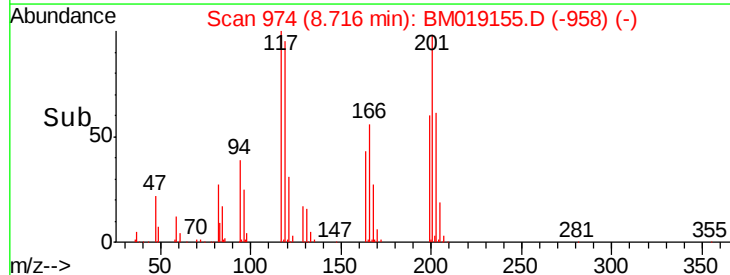
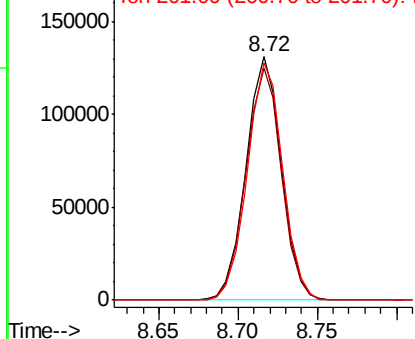


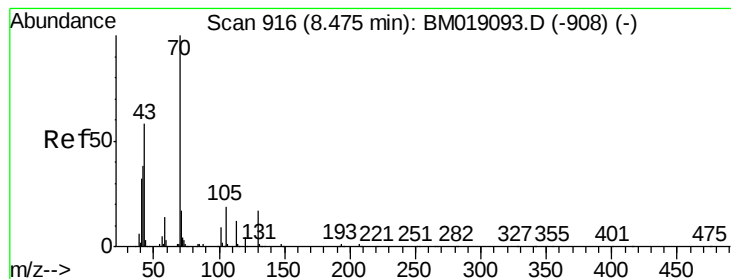
#18
Hexachloroethane
Concen: 34.230 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:	117	Resp:	202863
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.2
201	97.6	75.2	112.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.532 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 524518

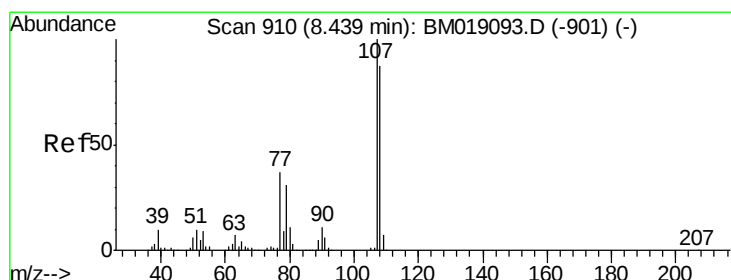
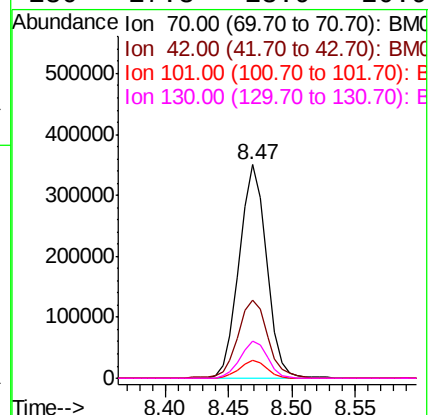
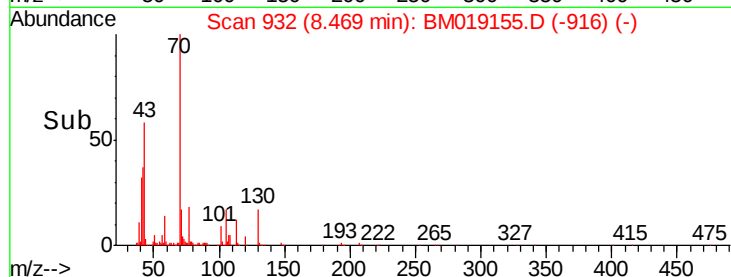
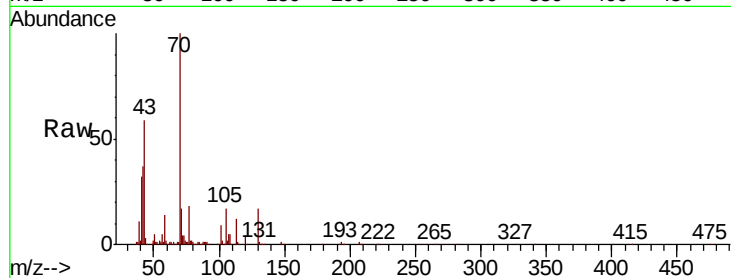
Ion Ratio Lower Upper

70 100

42 36.7 30.6 45.8

101 8.7 6.8 10.2

130 17.3 13.9 20.9



#20

3+4-Methylphenols

Concen: 41.521 ng

RT: 8.43 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Tgt Ion:107 Resp: 712187

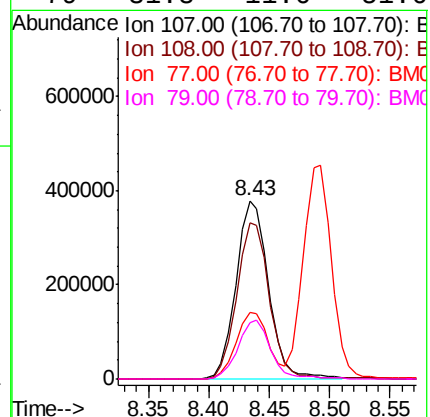
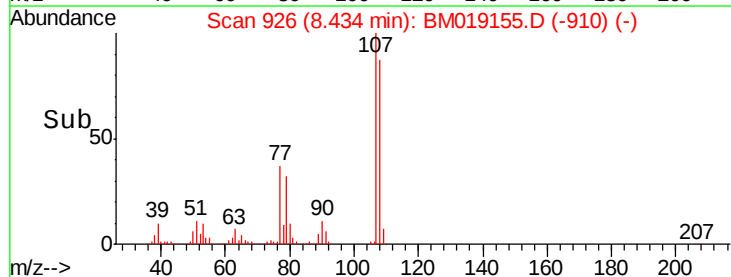
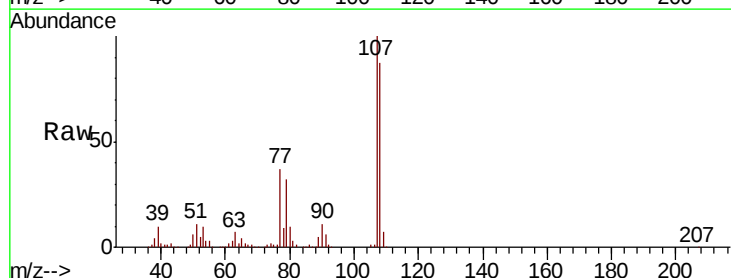
Ion Ratio Lower Upper

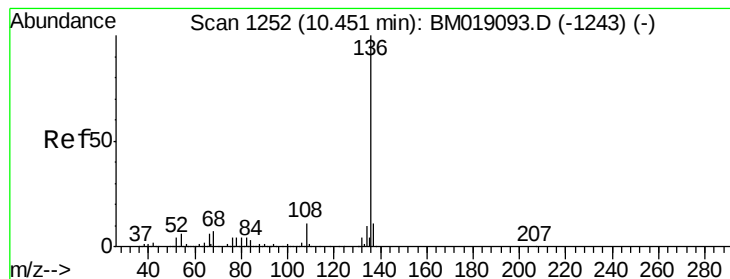
107 100

108 87.3 67.0 107.0

77 37.5 17.3 57.3

79 31.8 11.6 51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 900635

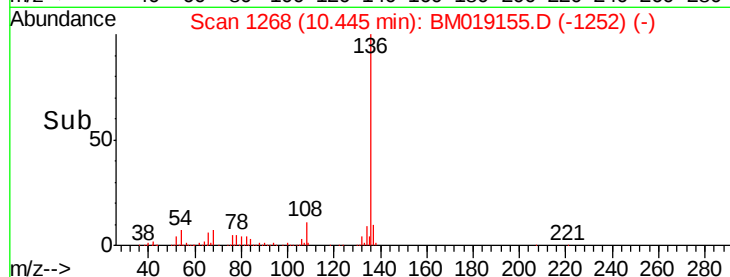
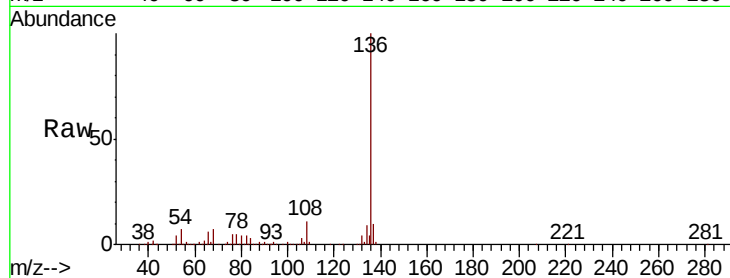
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.8 5.2 7.8

68 7.4 5.8 8.8

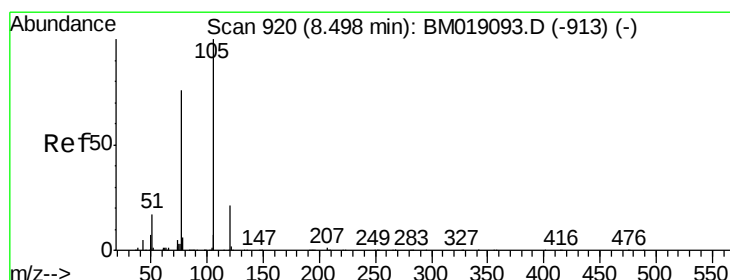
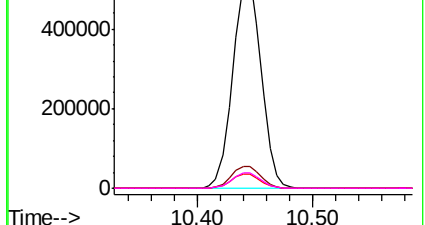


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.224 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Tgt Ion:105 Resp: 851836

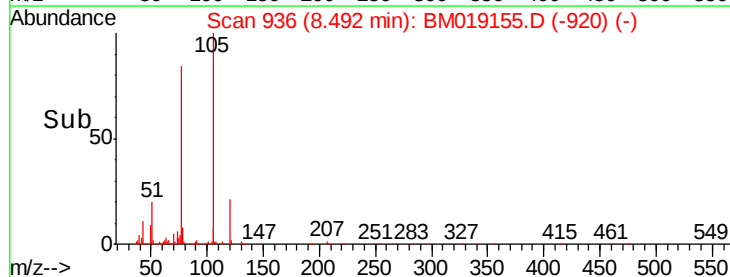
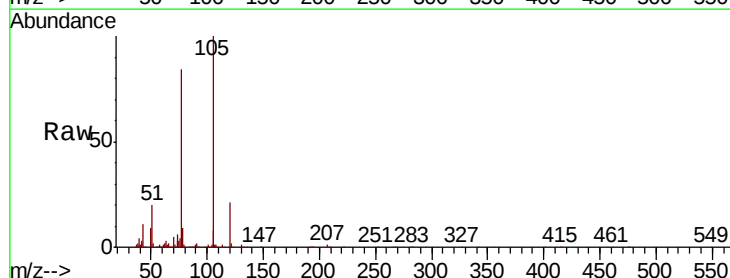
Ion Ratio Lower Upper

105 100

71 0.8 0.8 1.2

51 19.7 15.8 23.6

120 21.0 17.0 25.4

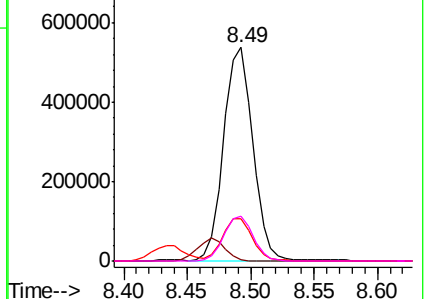


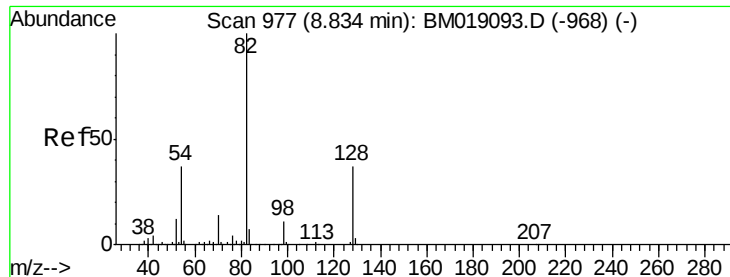
Abundance Ion 105.00 (104.70 to 105.70): E

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

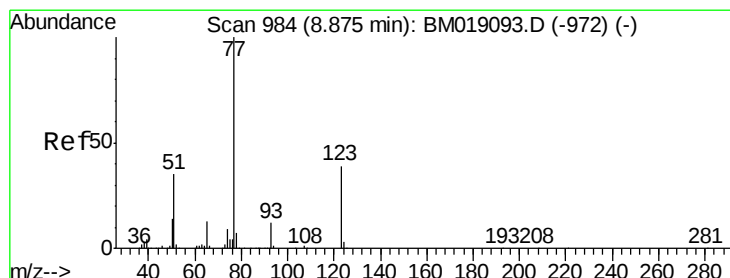
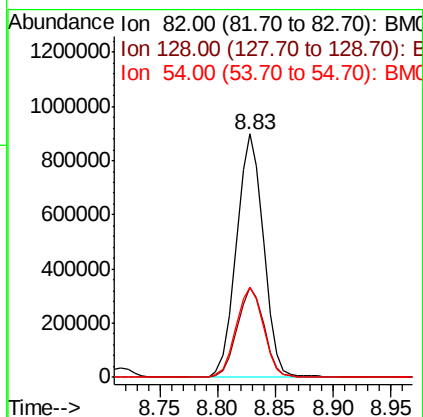
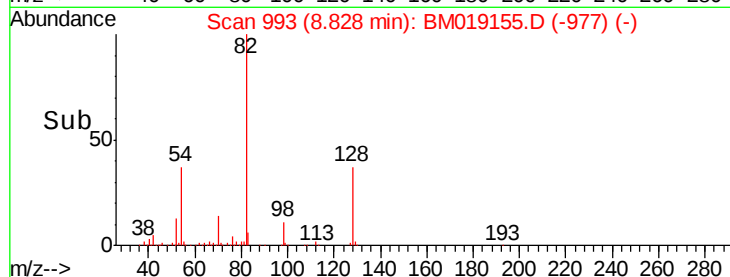
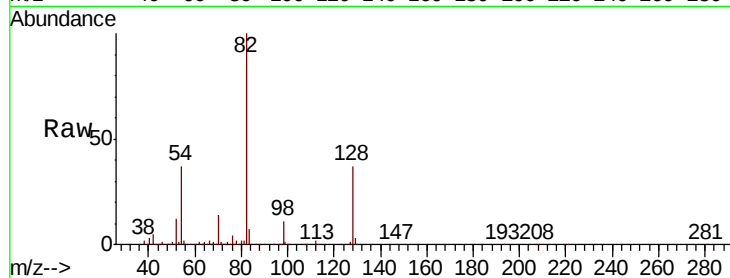




#23
 Nitrobenzene-d5
 Concen: 76.525 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

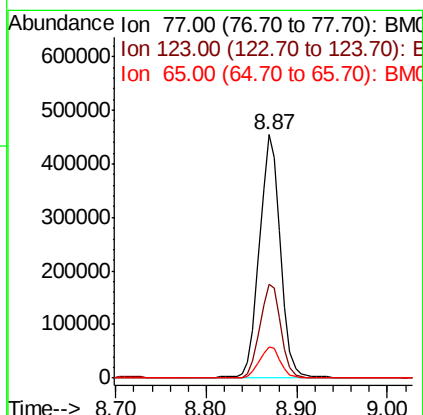
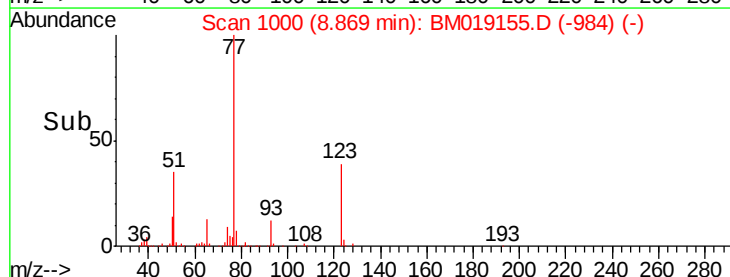
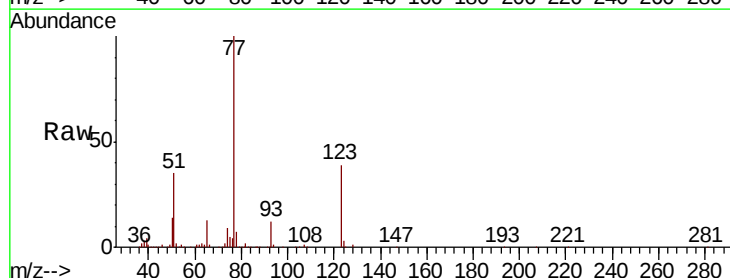
Instrument :
 BNA_M
 ClientSampleId :

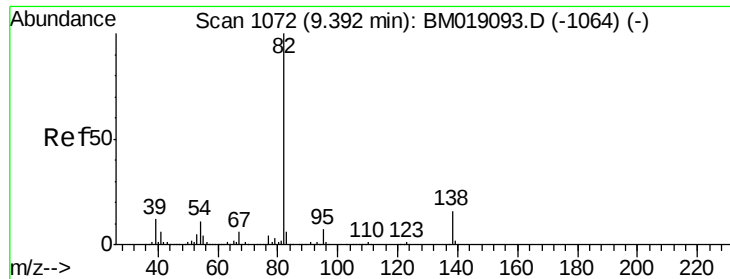
Tot Ion: 82 Resp: 1458035
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.4 44.2
 54 37.1 29.9 44.9



#24
 Nitrobenzene
 Concen: 36.677 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion: 77 Resp: 726776
 Ion Ratio Lower Upper
 77 100
 123 38.6 31.3 46.9
 65 13.0 10.5 15.7

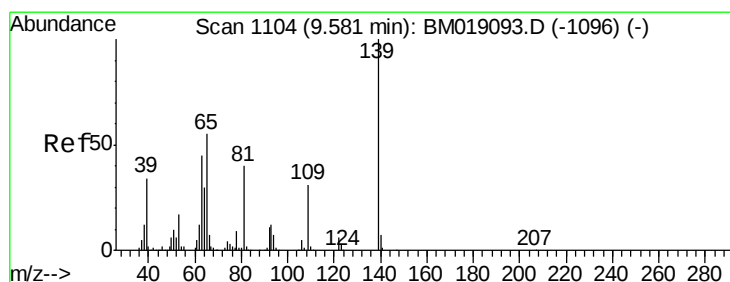
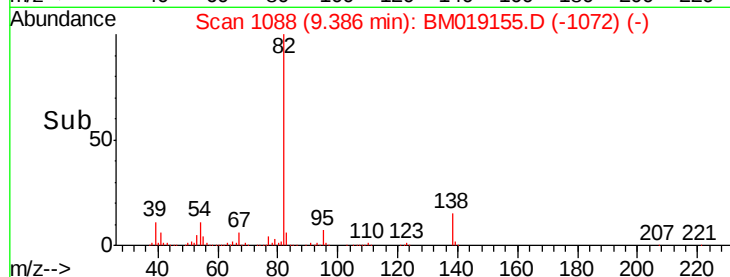
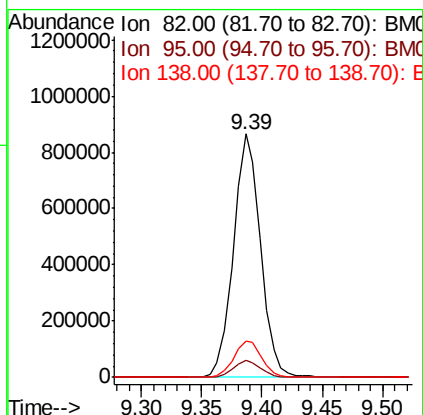
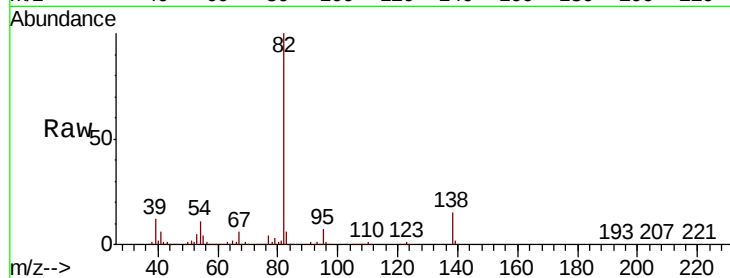




#25
Isophorone
Concen: 37.243 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

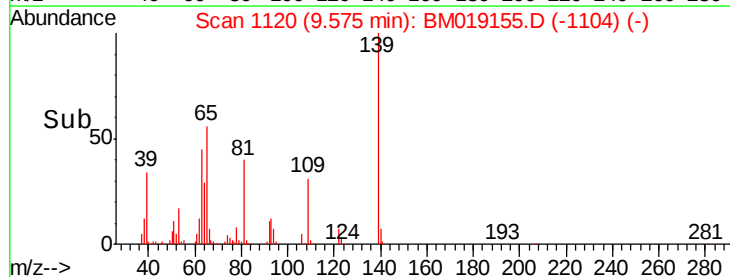
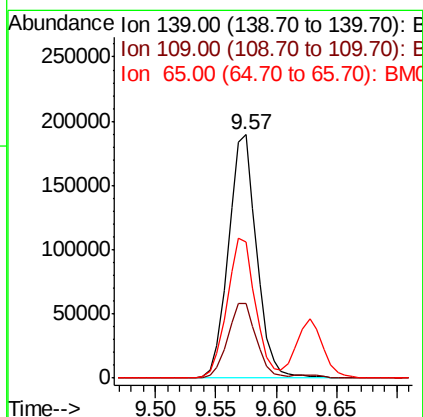
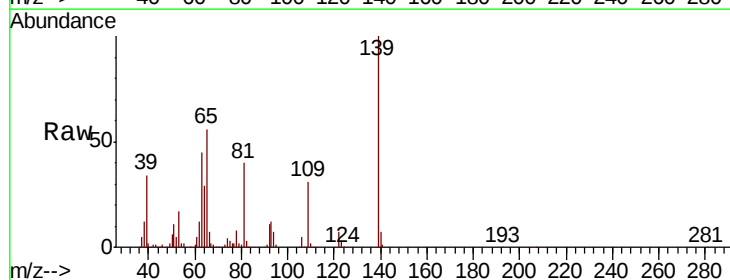
Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1354012
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 14.9 12.6 18.8



#26
2-Nitrophenol
Concen: 37.609 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion: 139 Resp: 308907
Ion Ratio Lower Upper
139 100
109 30.6 24.5 36.7
65 55.8 44.4 66.6

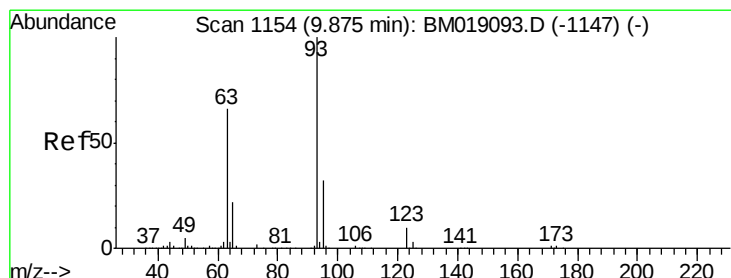
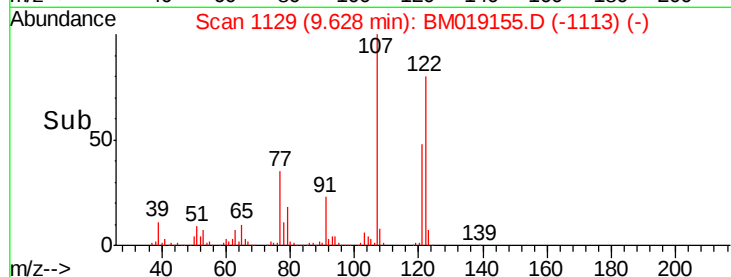
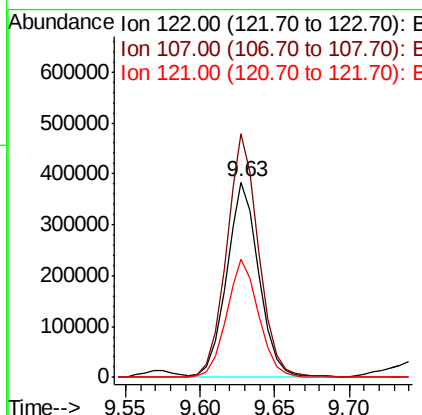
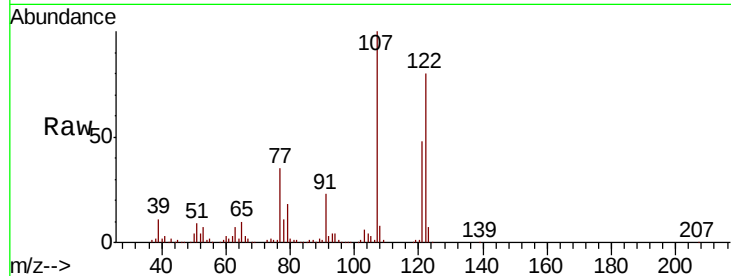




#27
2,4-Dimethylphenol
Concen: 46.856 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

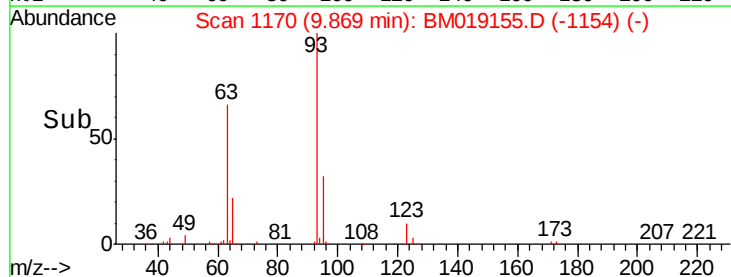
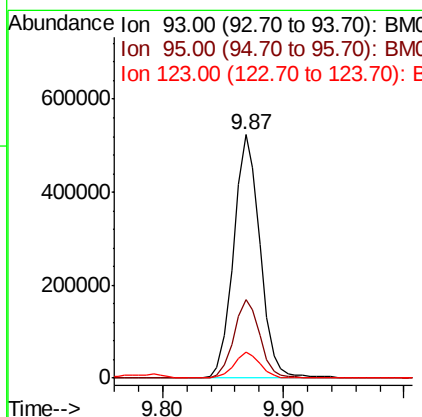
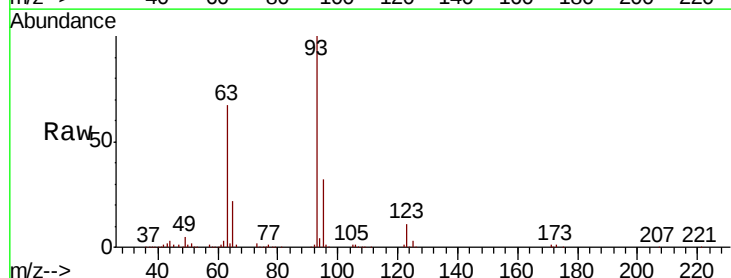
Instrument :
BNA_M
ClientSampleId :

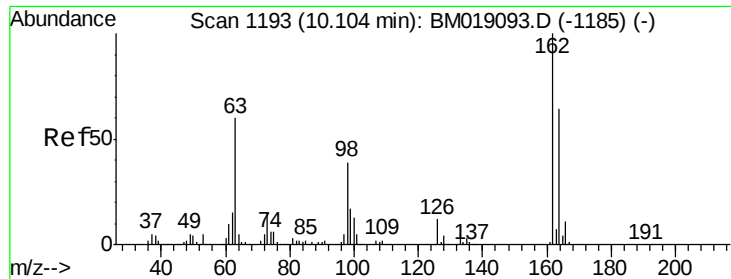
Tot Ion:122 Resp: 572144
Ion Ratio Lower Upper
122 100
107 124.8 98.2 147.4
121 60.3 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 37.171 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion: 93 Resp: 800193
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 10.6 7.9 11.9

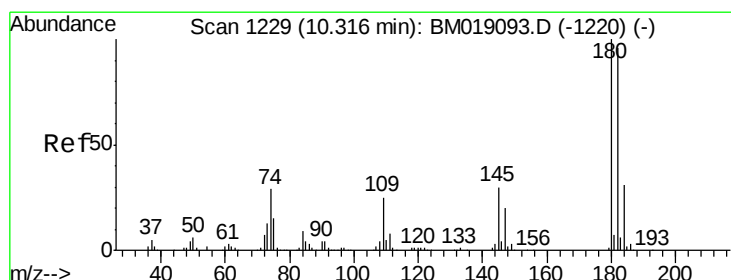
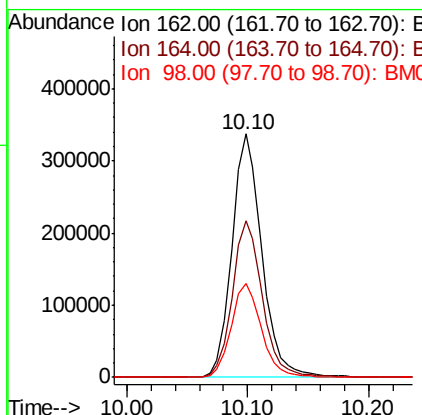
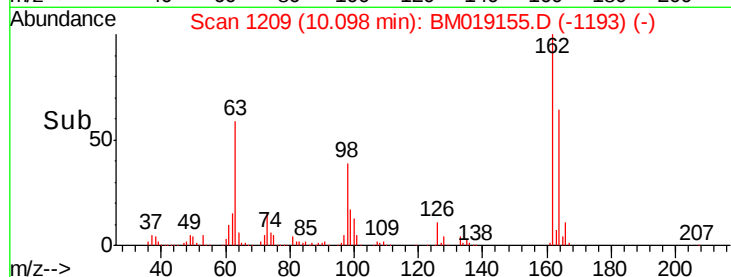
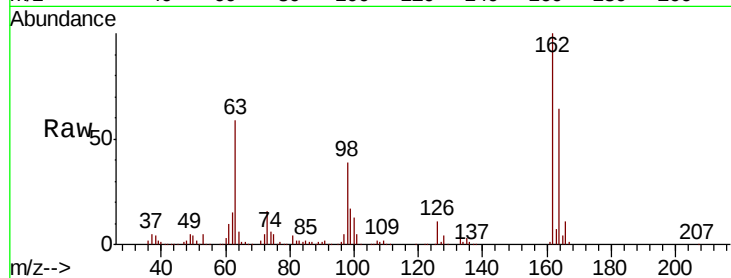




#29
2,4-Dichlorophenol
Concen: 43.088 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

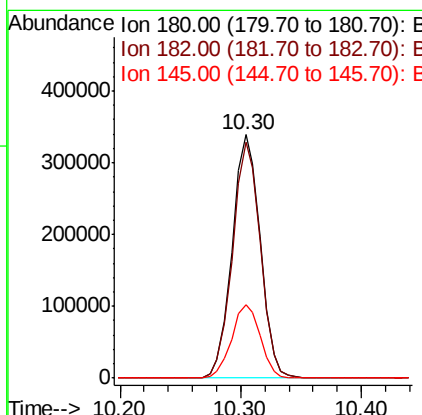
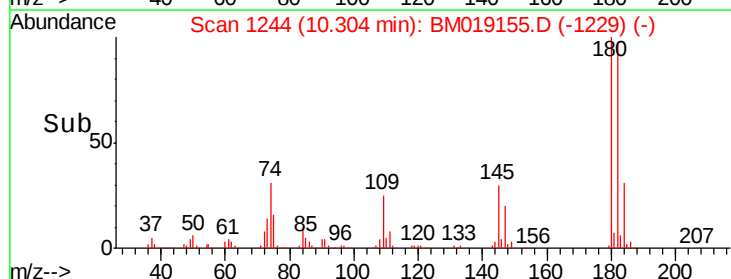
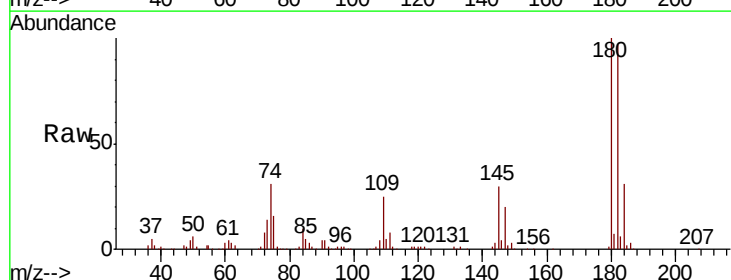
Instrument :
BNA_M
ClientSampleId :

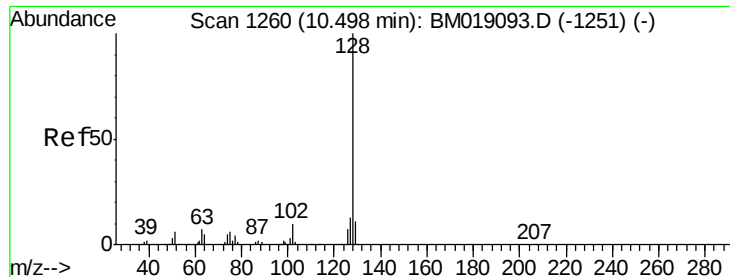
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.5	83.5
98	38.5	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 36.084 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.6	114.8
145	30.3	24.3	36.5

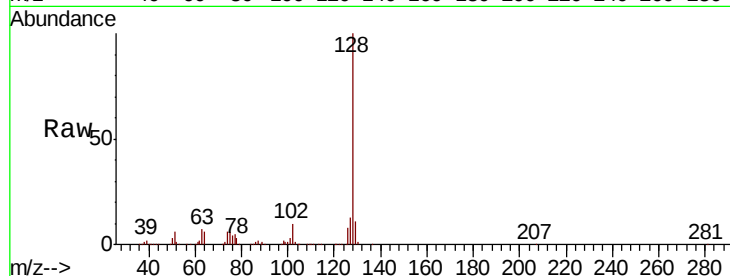




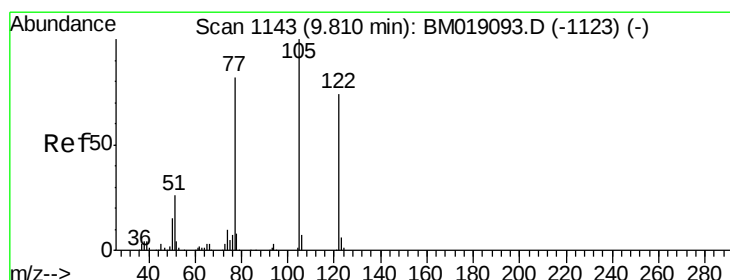
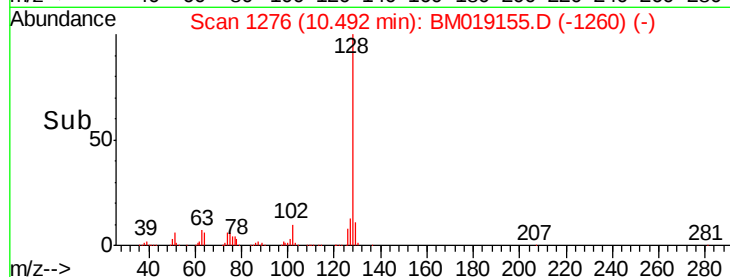
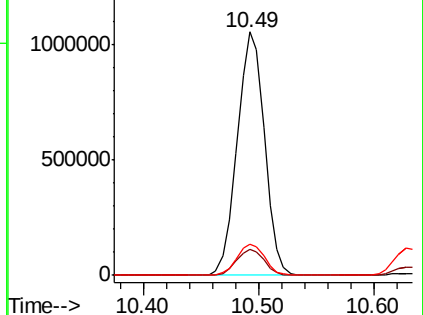
#31
Naphthalene
Concen: 36.238 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 1720244
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.4 15.6

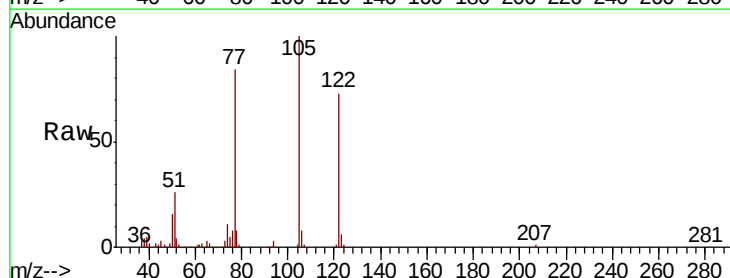


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

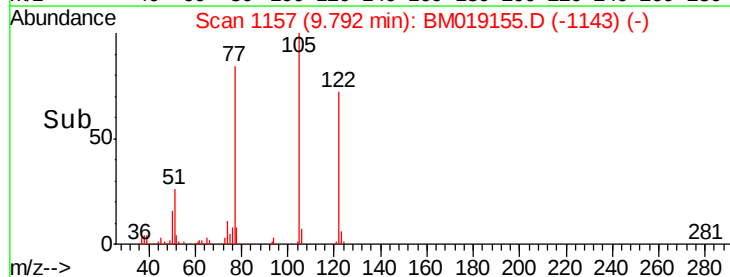
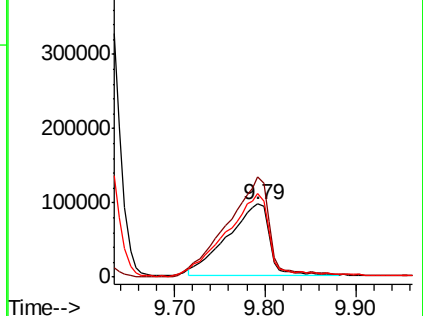


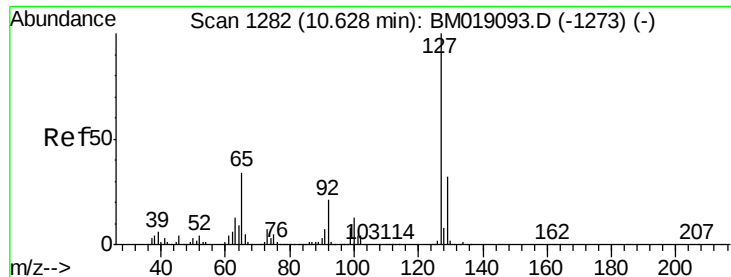
#32
Benzoic acid
Concen: 29.364 ng
RT: 9.79 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:122 Resp: 303666
Ion Ratio Lower Upper
122 100
105 136.7 113.0 153.0
77 115.3 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

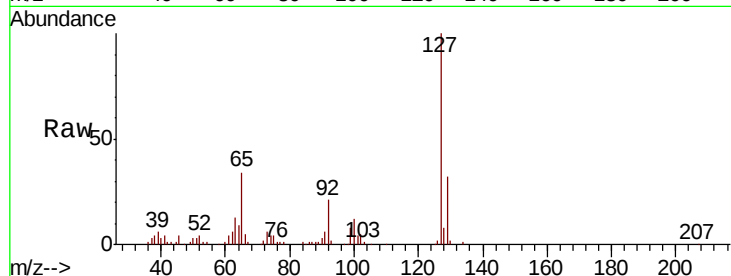




#33
4-Chloroaniline
Concen: 11.708 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	227836
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	34.0	27.4	41.2
92	21.1	16.8	25.2



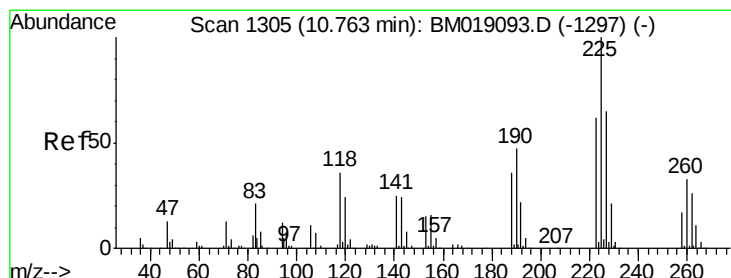
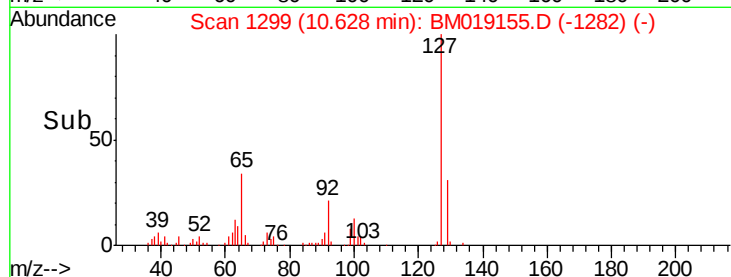
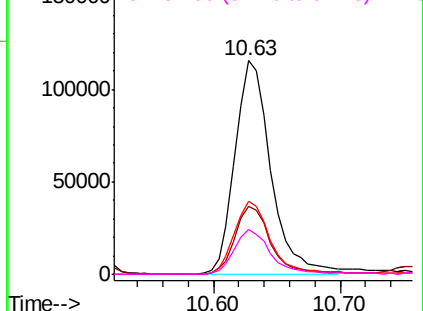
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

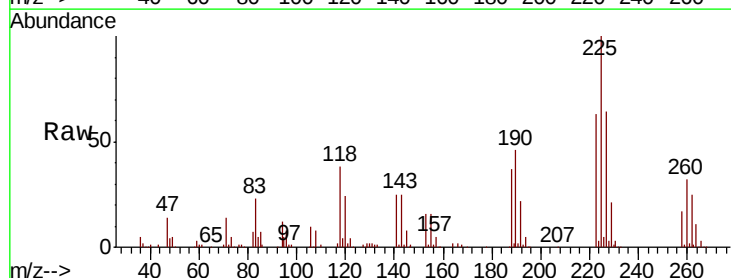
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 33.482 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:	225	Resp:	292998
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	63.9	51.6	77.4

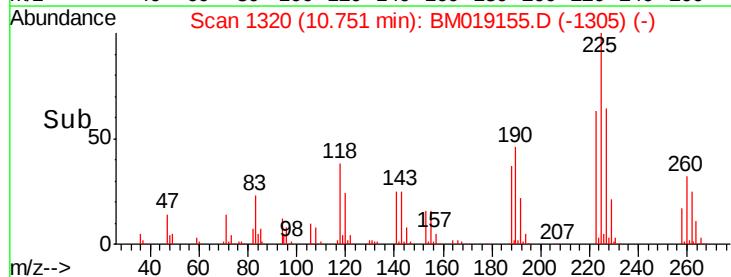
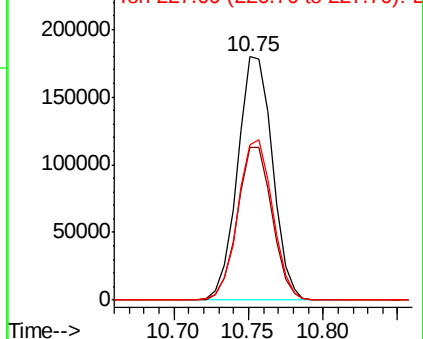


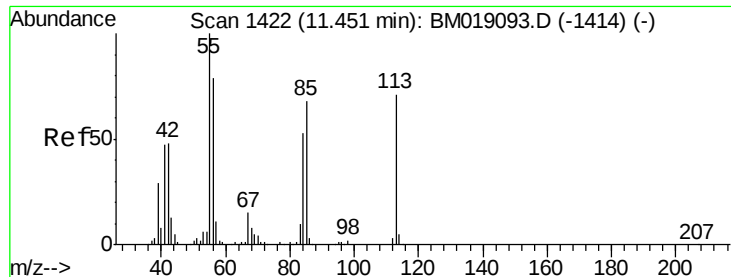
Abundance

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

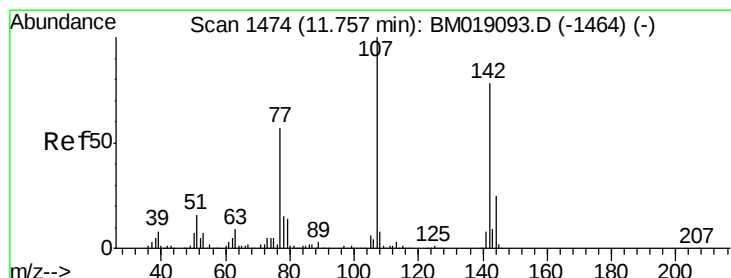
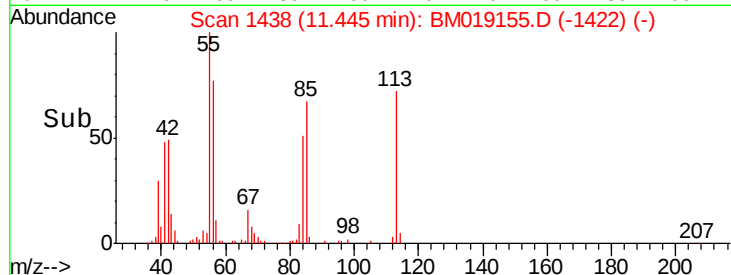
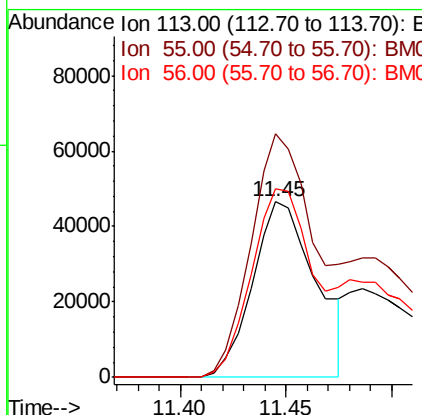
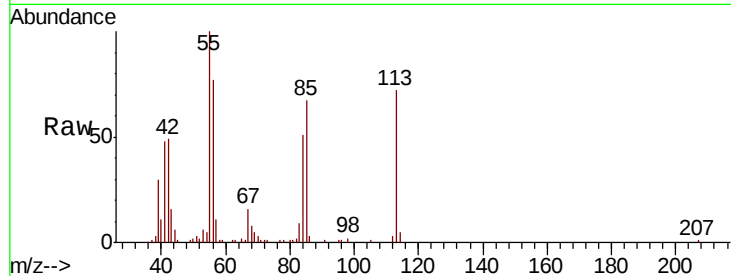




#35
 Caprolactam
 Concen: 20.121 ng
 RT: 11.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

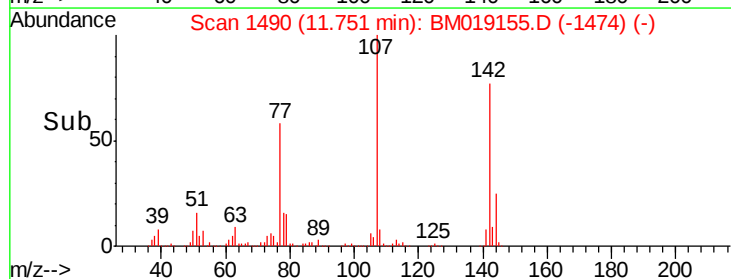
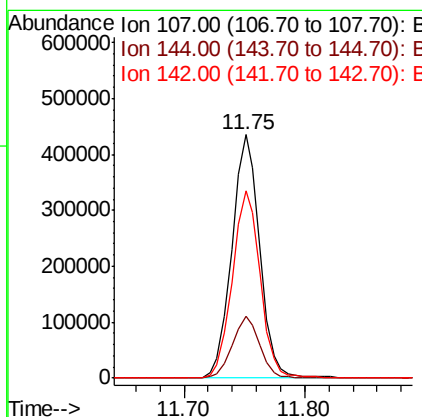
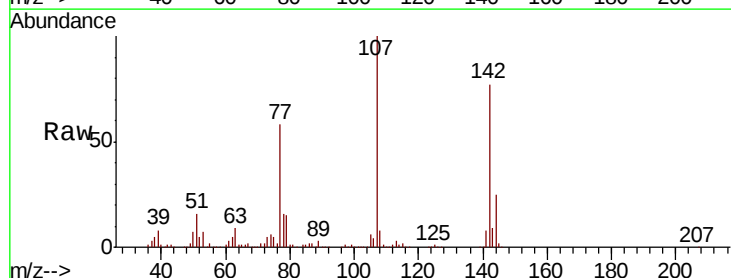
Instrument :
 BNA_M
 ClientSampled :

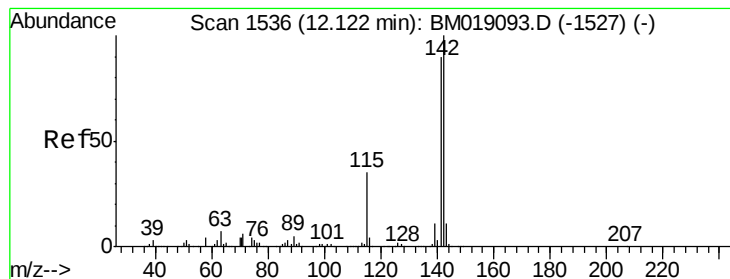
Tot Ion:113 Resp: 96932
 Ion Ratio Lower Upper
 113 100
 55 138.7 120.1 160.1
 56 107.5 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.858 ng
 RT: 11.75 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion:107 Resp: 698473
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.4
 142 76.9 62.4 93.6





#37

2-Methylnaphthalene

Concen: 38.643 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

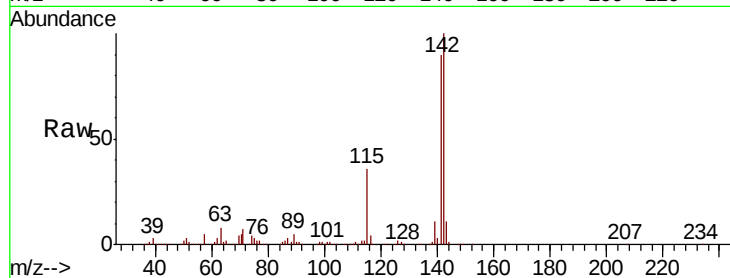
Tot Ion:142 Resp: 1332990

Ion Ratio Lower Upper

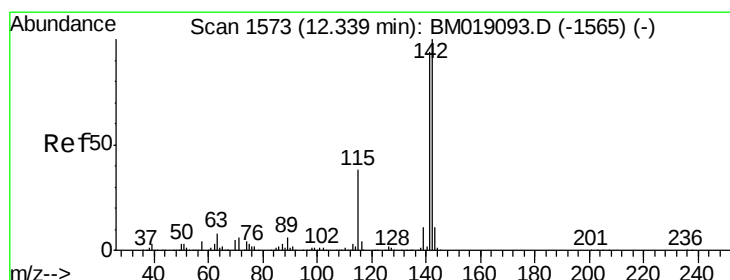
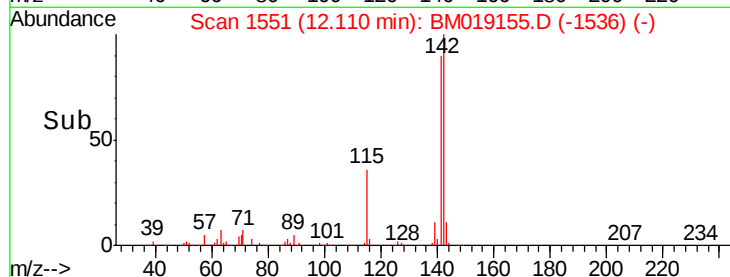
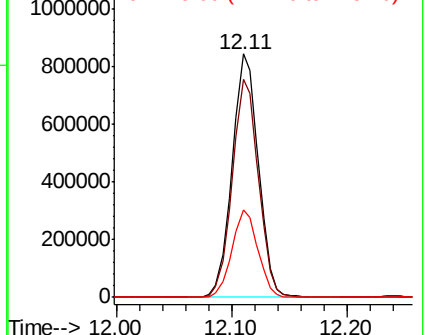
142 100

141 89.7 72.3 108.5

115 35.8 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: 37.499 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

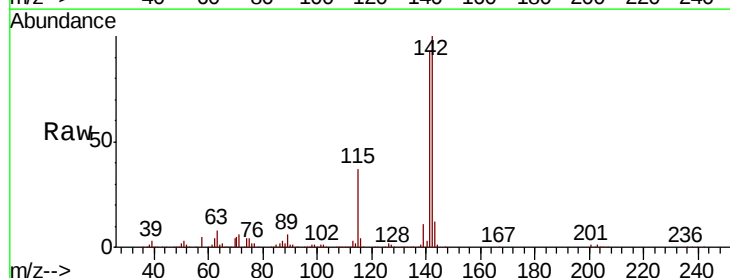
Tgt Ion:142 Resp: 1274997

Ion Ratio Lower Upper

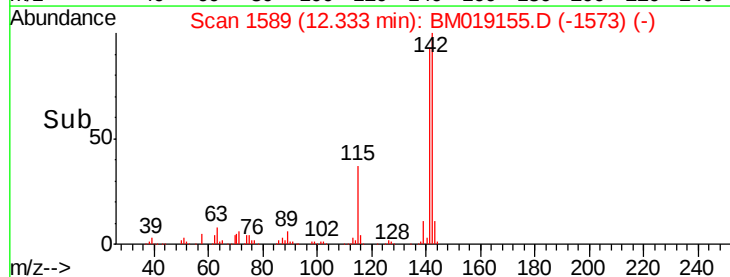
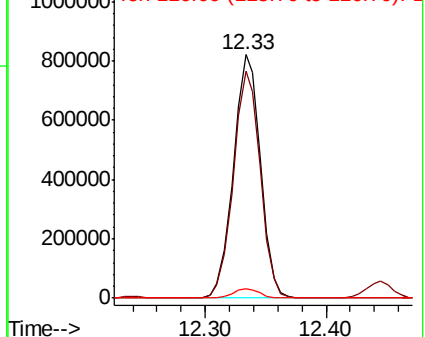
142 100

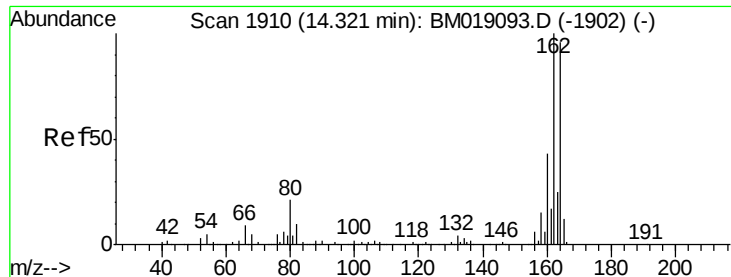
141 93.2 74.9 112.3

116 4.0 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: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampled :

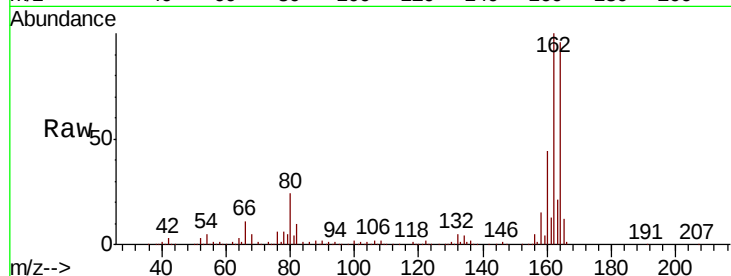
Tot Ion:164 Resp: 572624

Ion Ratio Lower Upper

164 100

162 103.7 83.5 125.3

160 45.4 36.3 54.5

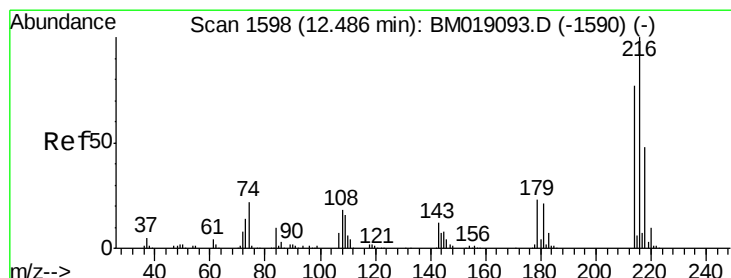
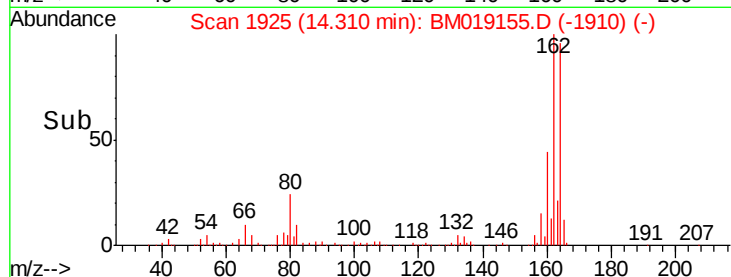
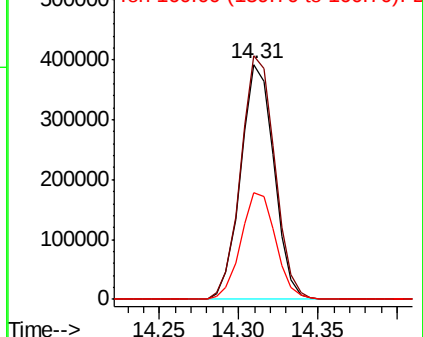


Abundance

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: 34.351 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Tgt Ion:216 Resp: 622222

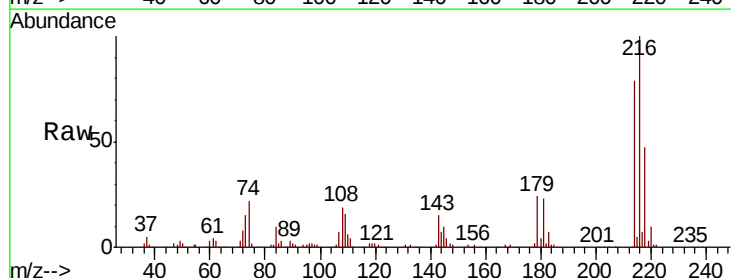
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 23.0 18.0 27.0

108 18.8 16.2 24.4



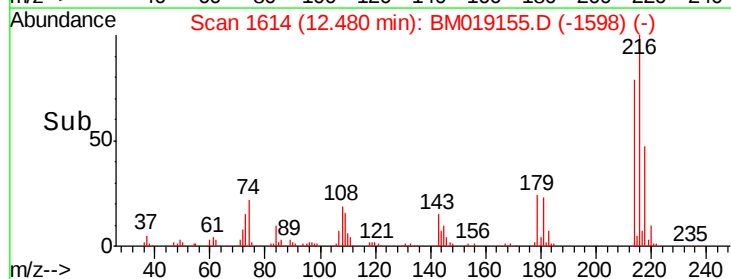
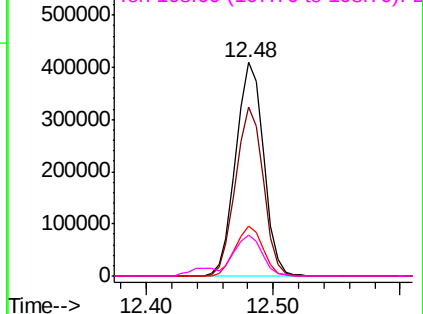
Abundance

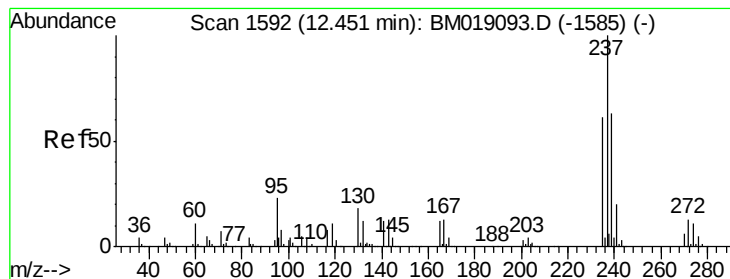
Ion 216.00 (215.70 to 216.70): E

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: 78.629 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

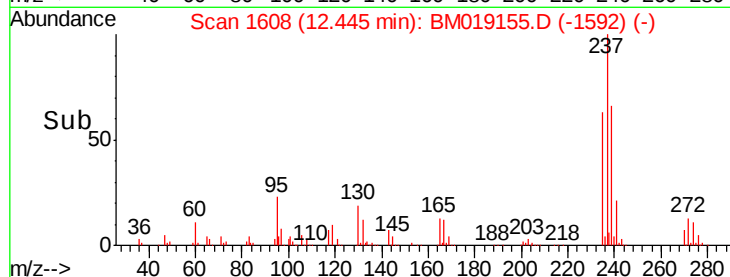
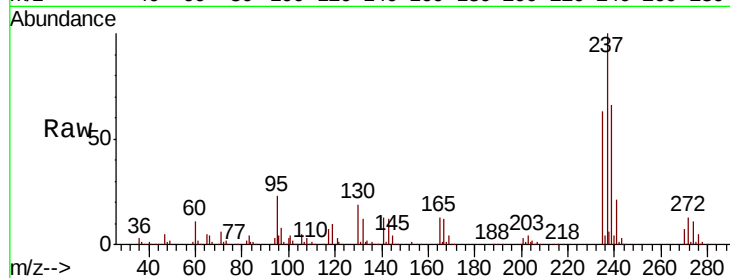
Tot Ion:237 Resp: 645132

Ion Ratio Lower Upper

237 100

235 62.9 41.3 81.3

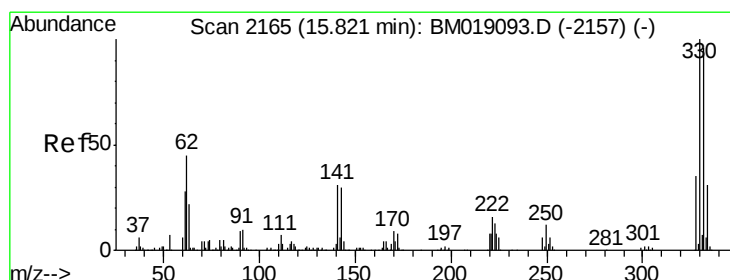
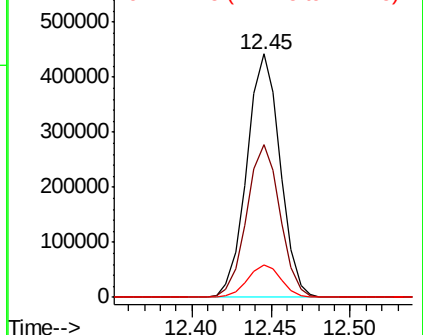
272 13.5 0.0 33.1



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: 128.105 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

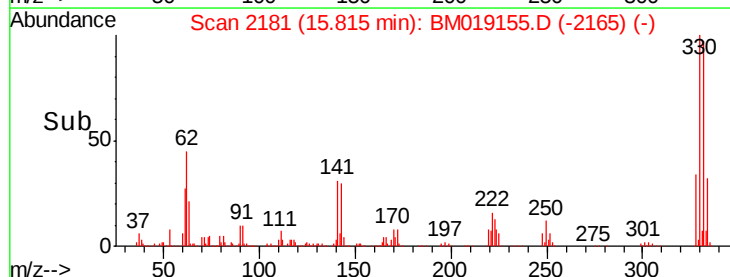
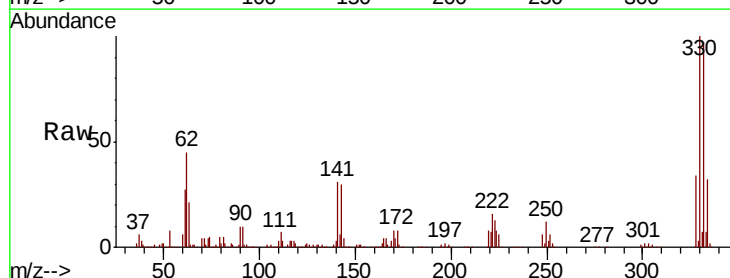
Tgt Ion:330 Resp: 1083078

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

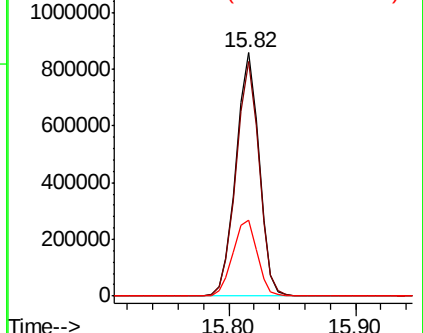
141 33.1 27.0 40.4



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

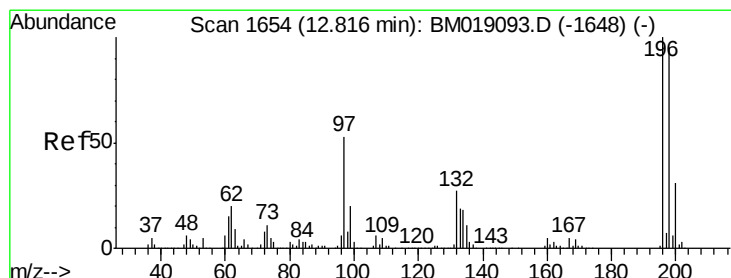
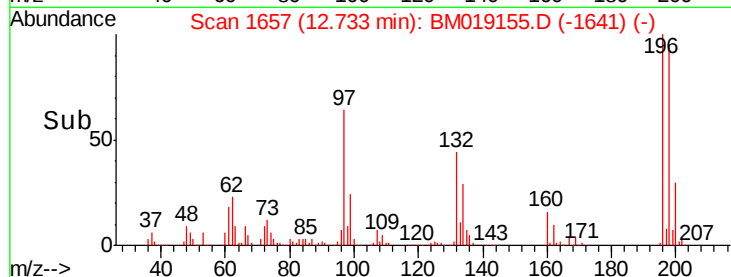
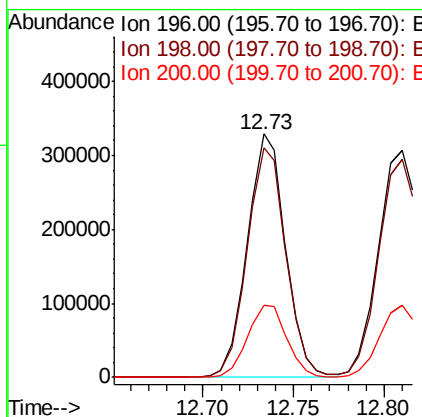
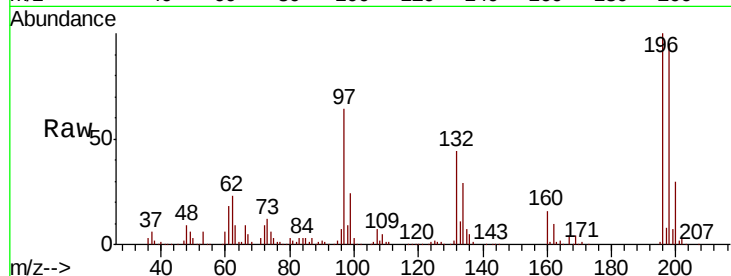




#43
 2,4,6-Trichlorophenol
 Concen: 41.221 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

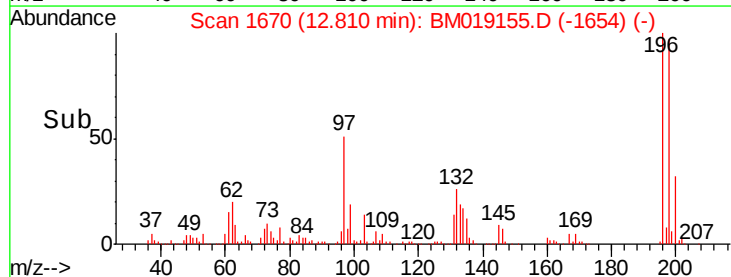
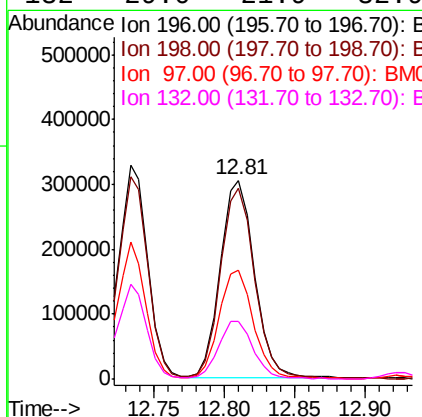
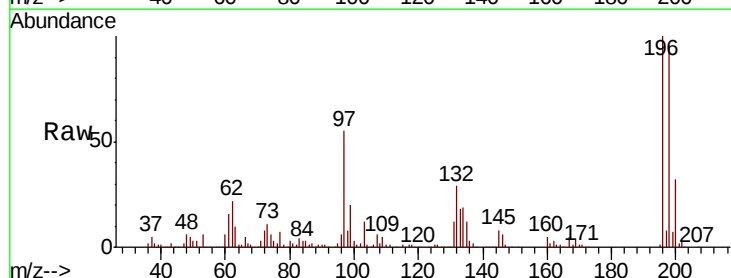
Instrument :
 BNA_M
 ClientSampled :

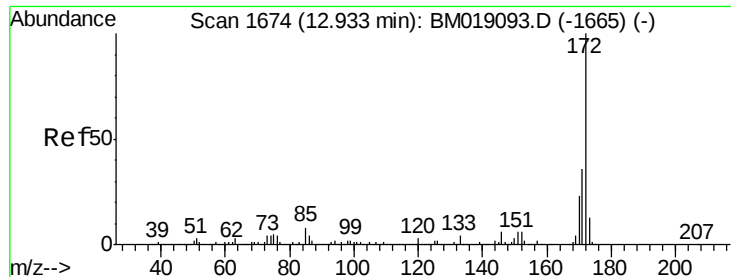
Tot Ion:196 Resp: 482519
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.4 113.0
 200 29.5 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 40.715 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion:196 Resp: 509645
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.9 113.9
 97 54.6 42.5 63.7
 132 29.0 21.9 32.9

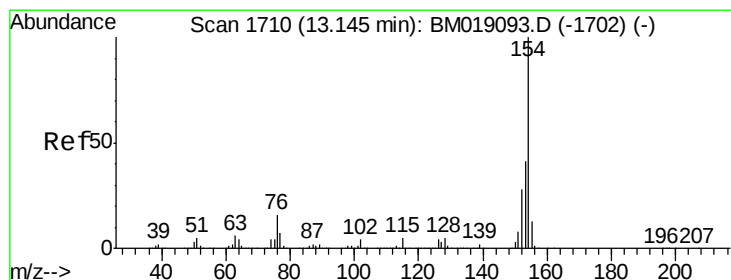
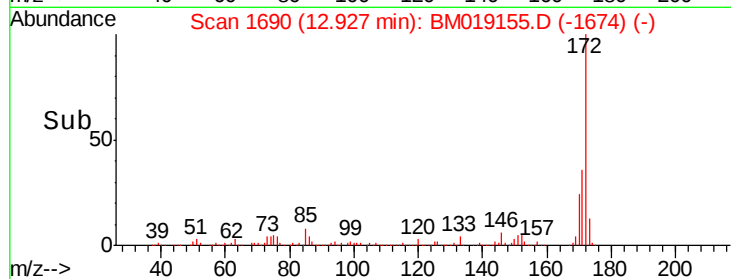
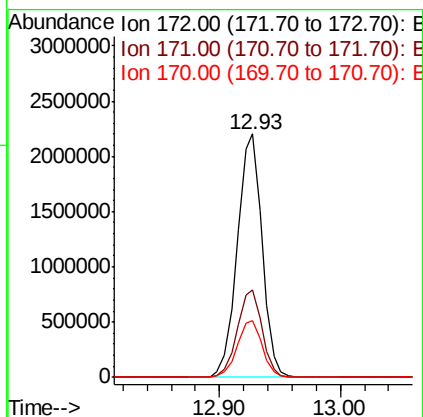
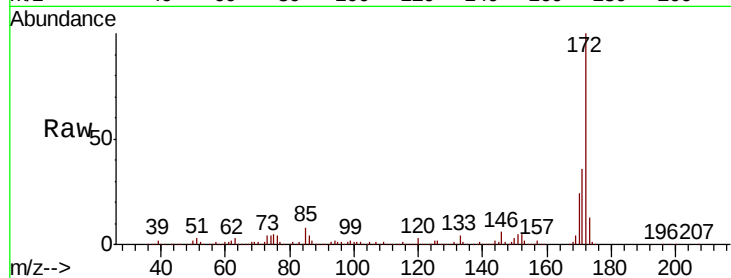




#45
2-Fluorobiphenyl
Concen: 71.379 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

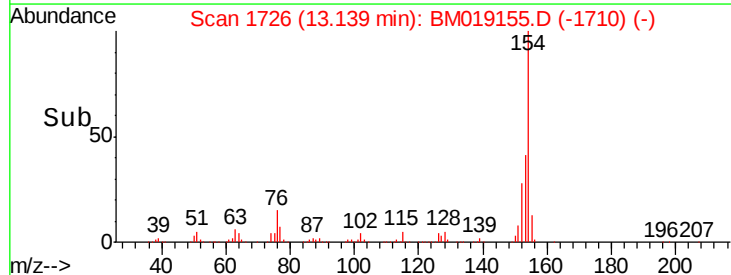
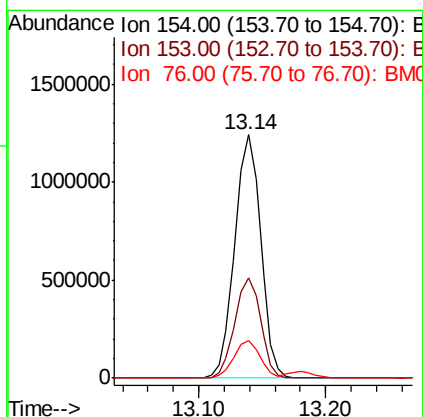
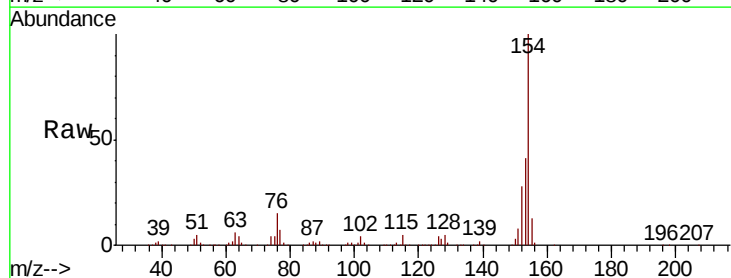
Instrument :
BNA_M
ClientSampleId :

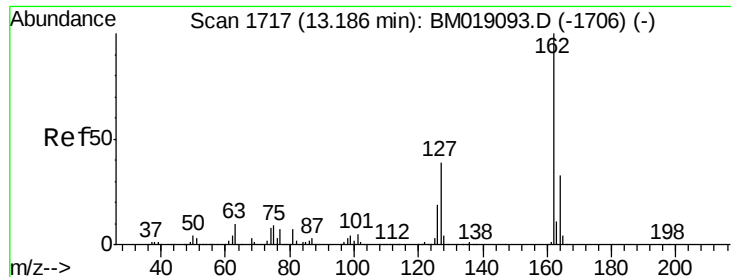
Tot Ion:172 Resp: 3142265
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 35.312 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:154 Resp: 1765899
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 15.5 0.0 35.8

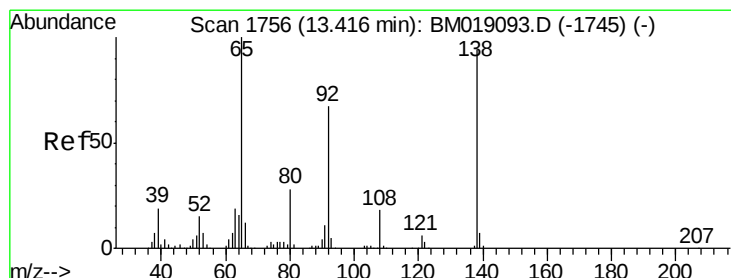
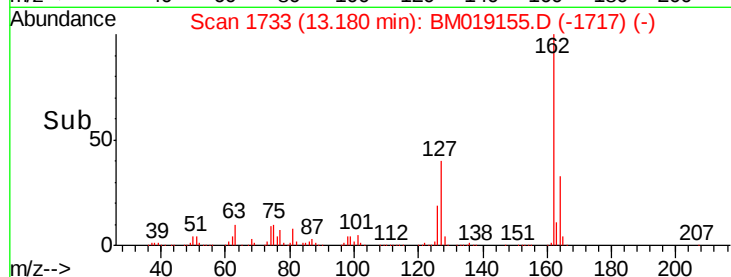
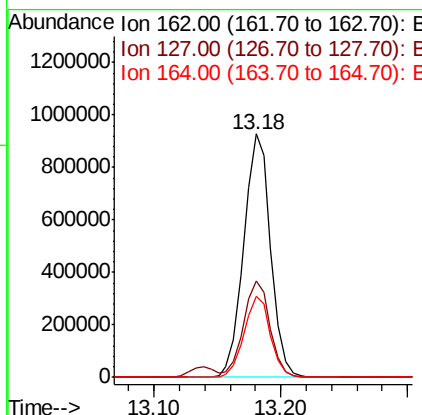
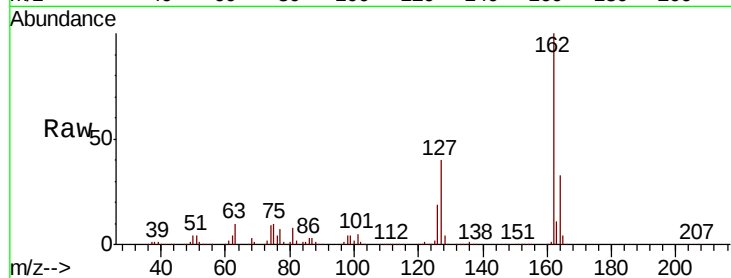




#47
 2-Chloronaphthalene
 Concen: 36.427 ng
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

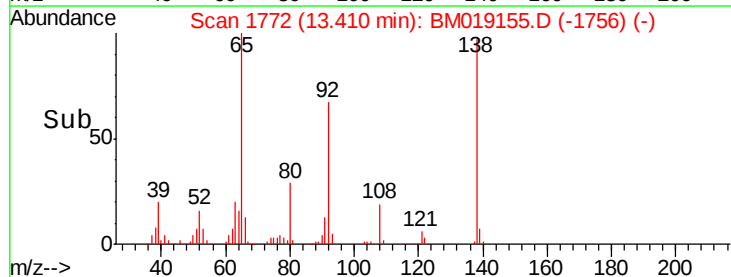
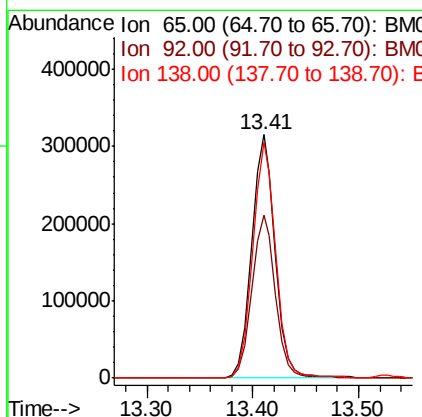
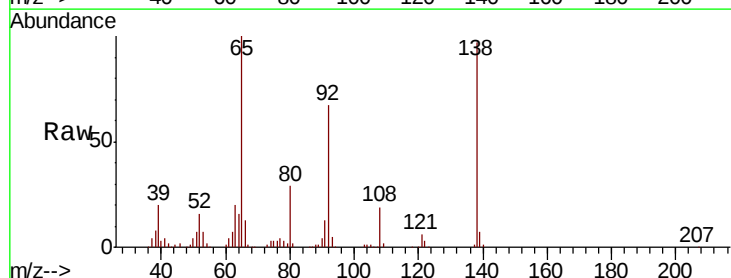
Instrument :
 BNA_M
 ClientSampleId :

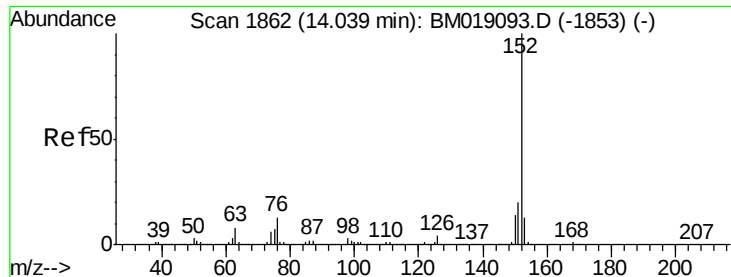
Tot Ion:162 Resp: 1359715
 Ion Ratio Lower Upper
 162 100
 127 39.5 31.2 46.8
 164 33.1 26.3 39.5



#48
 2-Nitroaniline
 Concen: 39.082 ng
 RT: 13.41 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion: 65 Resp: 489249
 Ion Ratio Lower Upper
 65 100
 92 67.2 53.4 80.2
 138 96.7 74.9 112.3





#49

Acenaphthylene

Concen: 36.058 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

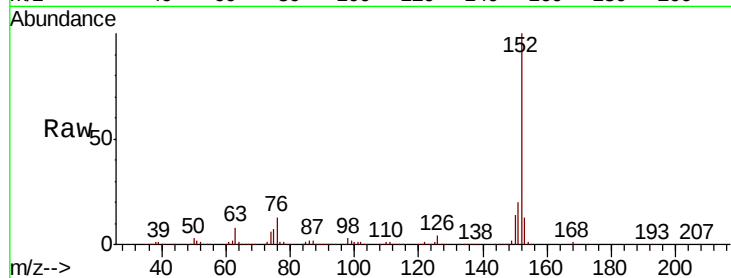
Tot Ion:152 Resp: 2275793

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

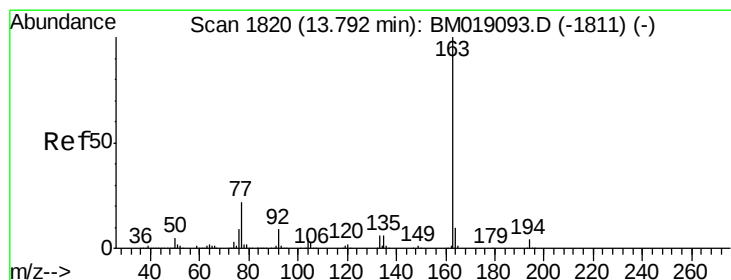
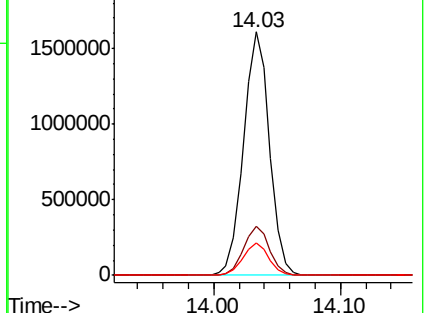
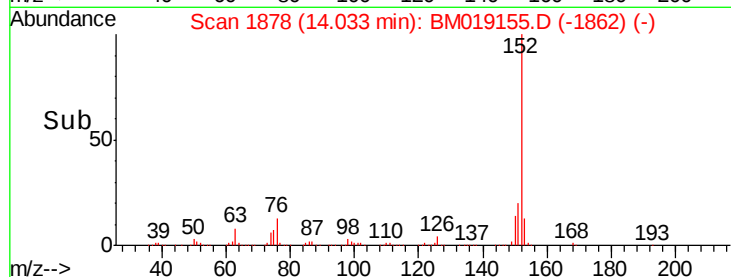
153 13.1 10.6 15.8



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: 42.761 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

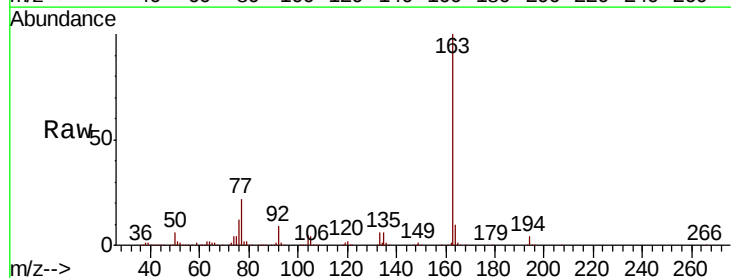
Tgt Ion:163 Resp: 2094651

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

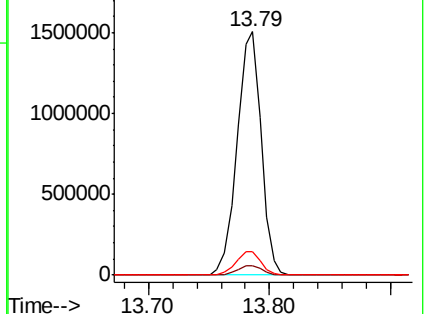
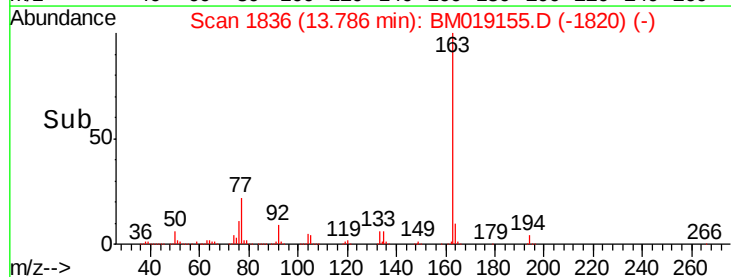
164 9.8 7.7 11.5

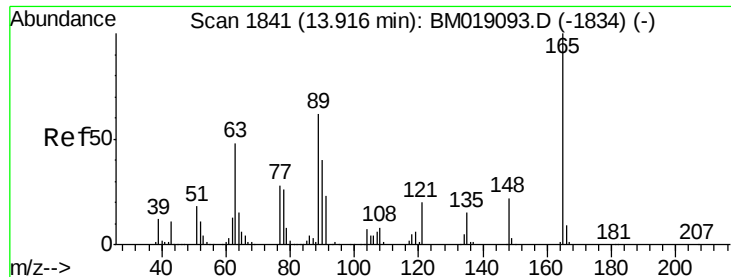


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

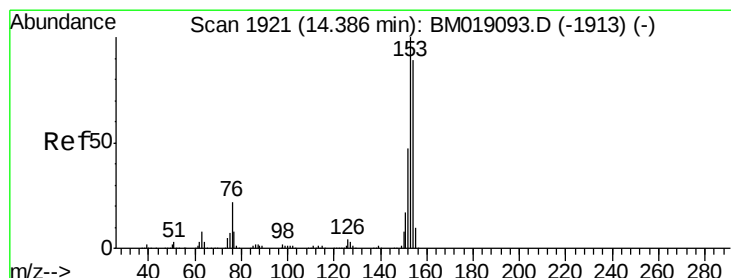
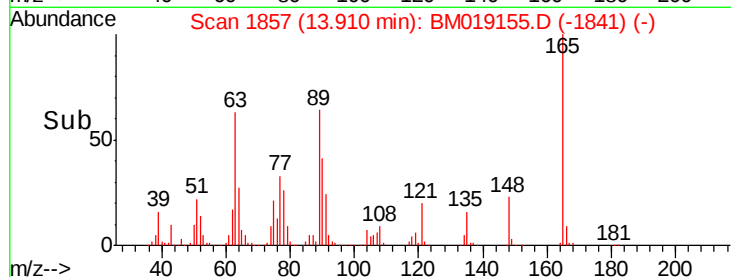
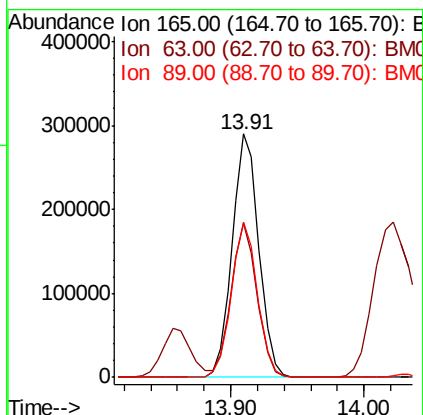
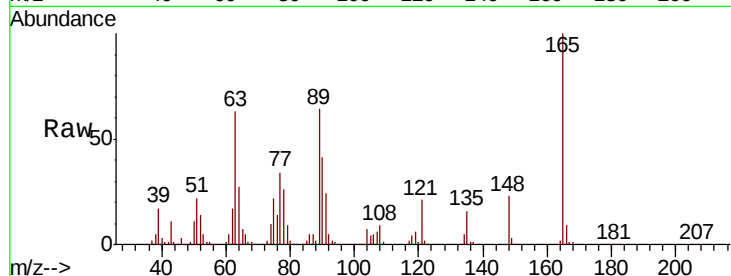




#51
2,6-Dinitrotoluene
Concen: 37.964 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

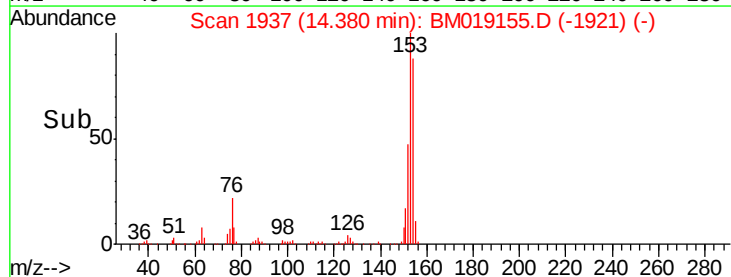
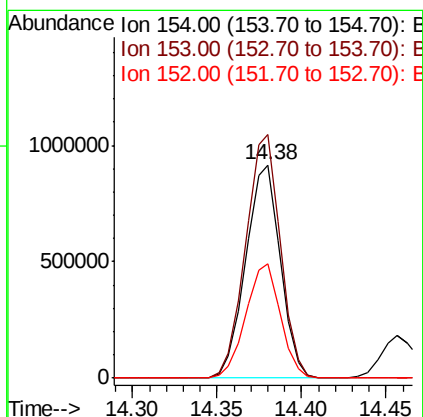
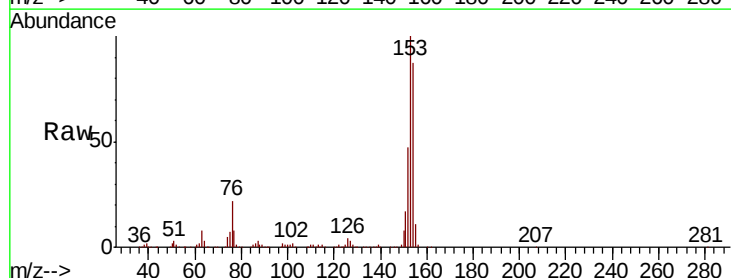
Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.3	48.2	72.4
89	64.0	49.3	73.9



#52
Acenaphthene
Concen: 36.111 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.1	135.1
152	53.7	42.5	63.7

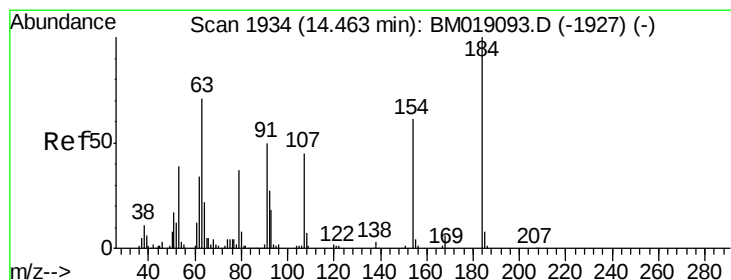
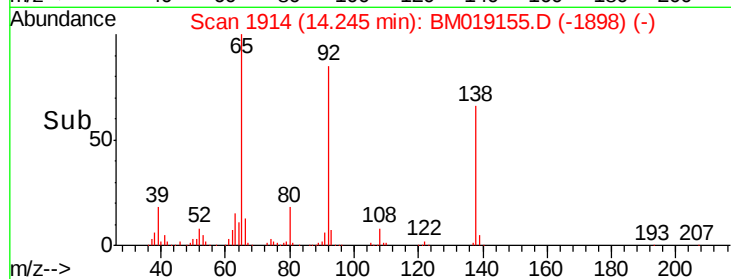
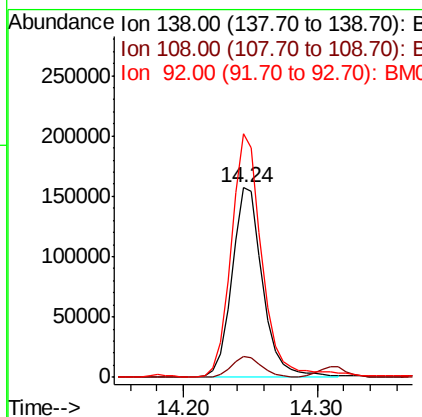
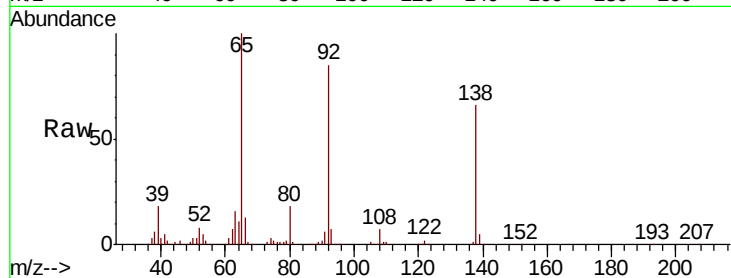




#53
 3-Nitroaniline
 Concen: 22.406 ng
 RT: 14.24 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

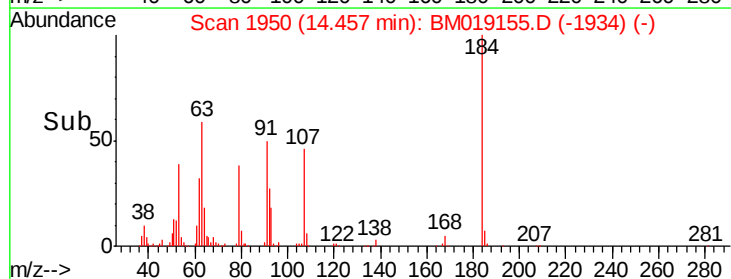
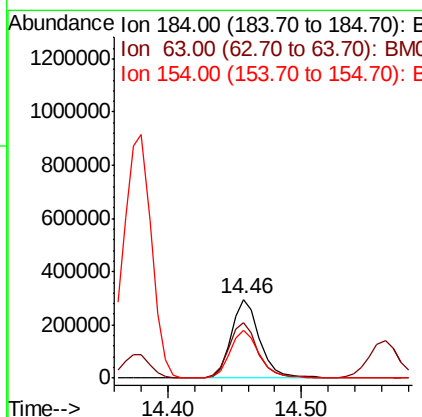
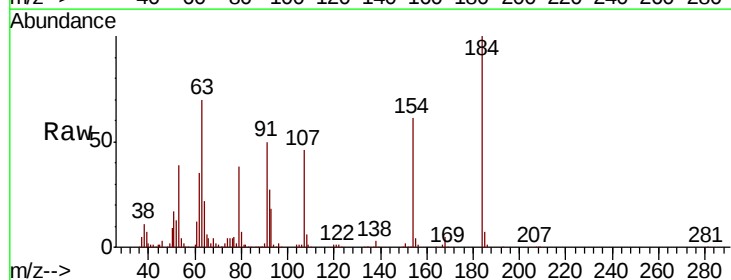
Instrument :
 BNA_M
 ClientSampleId :

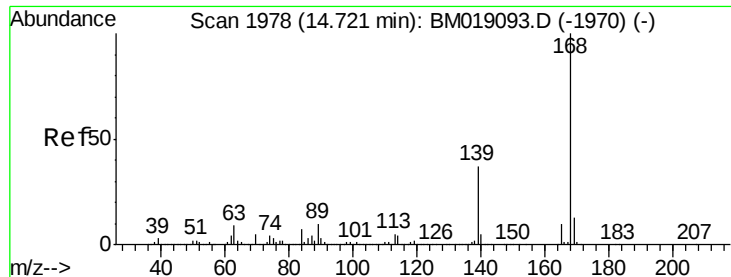
Tot Ion:138 Resp: 251295
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.0 13.4
 92 128.4 102.6 153.8



#54
 2,4-Dinitrophenol
 Concen: 72.173 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion:184 Resp: 443839
 Ion Ratio Lower Upper
 184 100
 63 69.9 56.7 85.1
 154 61.4 49.3 73.9

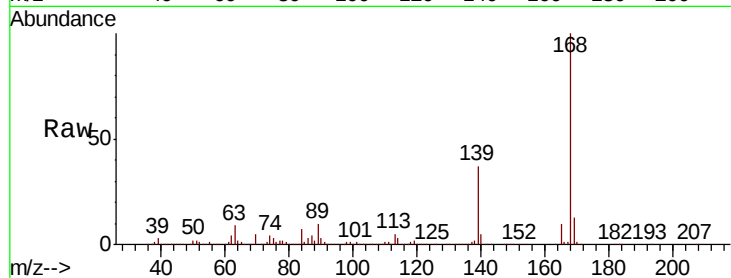




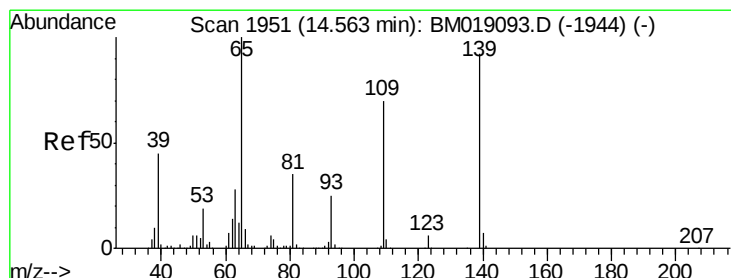
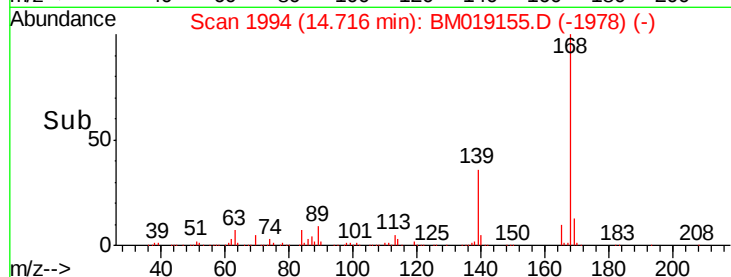
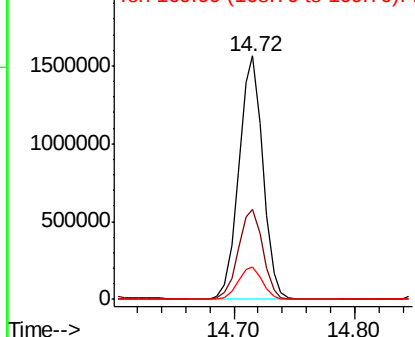
#55
Dibenzofuran
Concen: 36.965 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 2161978
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.2 10.6 16.0

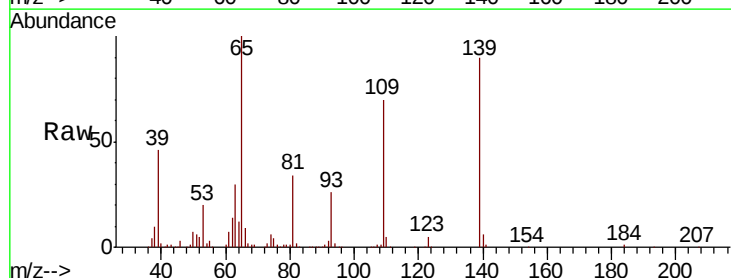


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

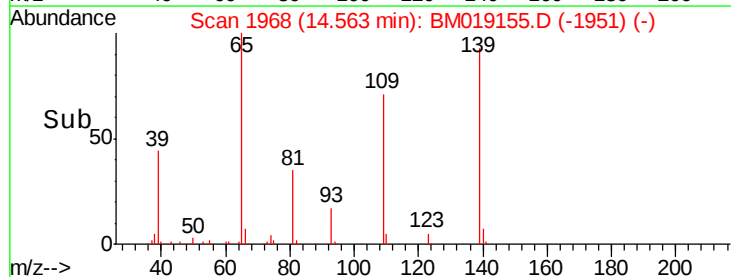
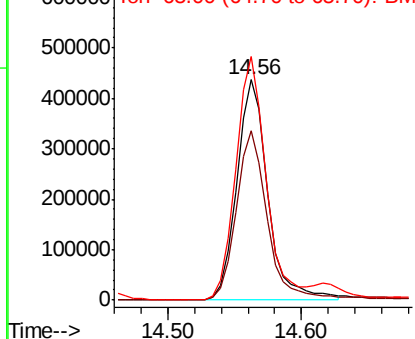


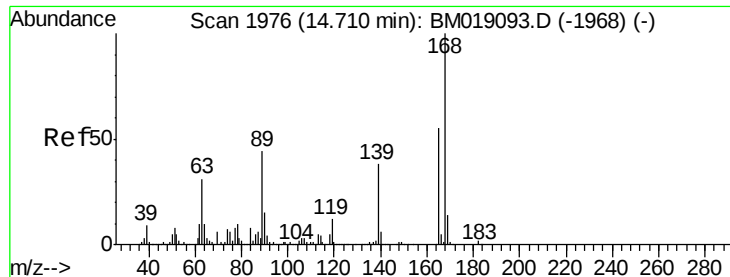
#56
4-Nitrophenol
Concen: 76.770 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:139 Resp: 702977
Ion Ratio Lower Upper
139 100
109 77.1 56.3 96.3
65 110.6 89.2 129.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

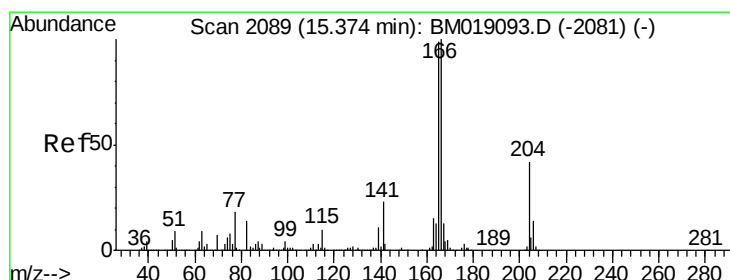
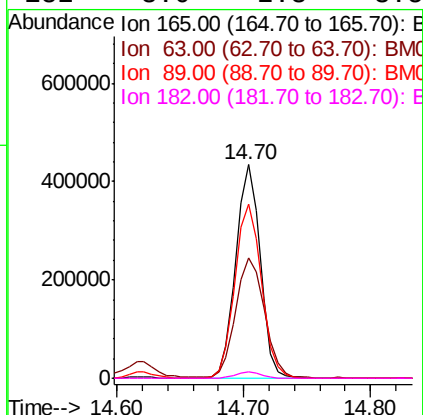
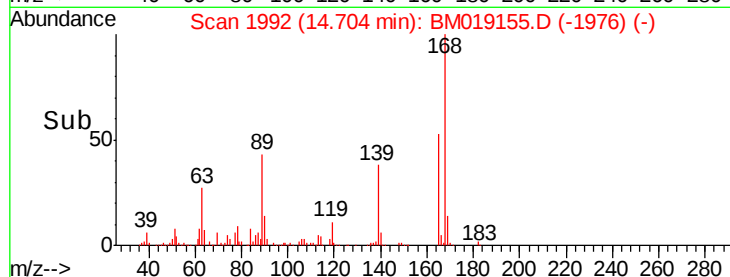
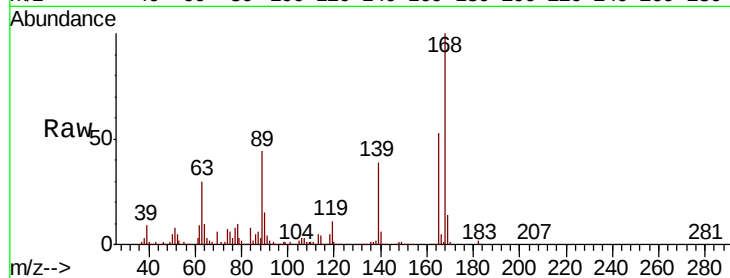




#57
2,4-Dinitrotoluene
Concen: 37.635 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

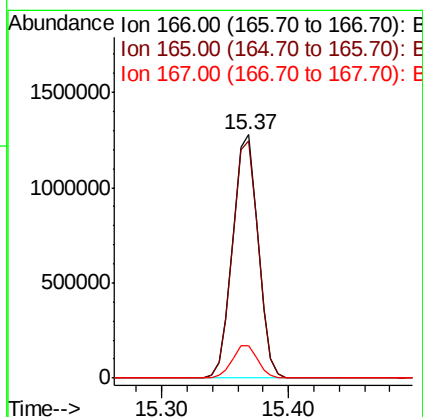
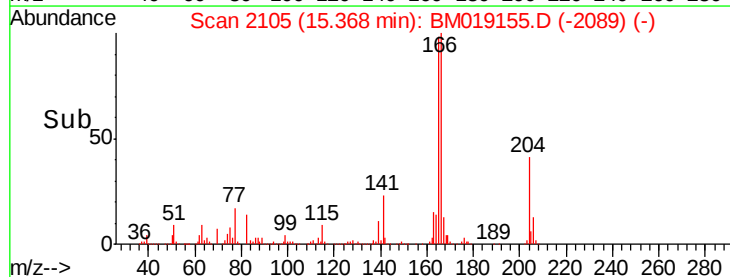
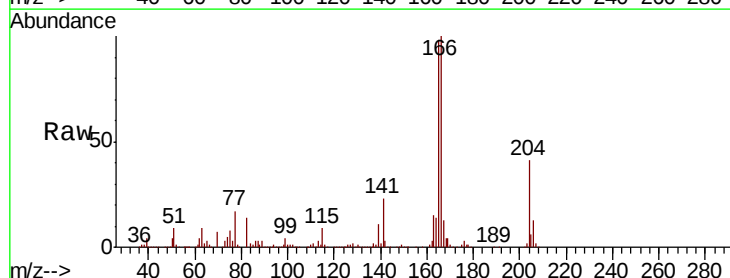
Instrument :
BNA_M
ClientSampleId :

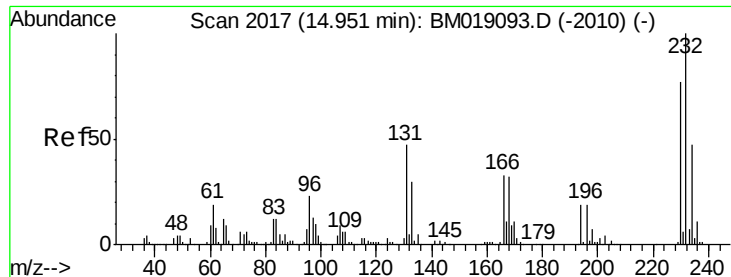
Tot Ion:165 Resp: 578490
Ion Ratio Lower Upper
165 100
63 56.3 44.7 67.1
89 81.8 63.4 95.2
182 3.0 2.3 3.5



#58
Fluorene
Concen: 36.672 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:166 Resp: 1767938
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.4
167 13.4 10.8 16.2

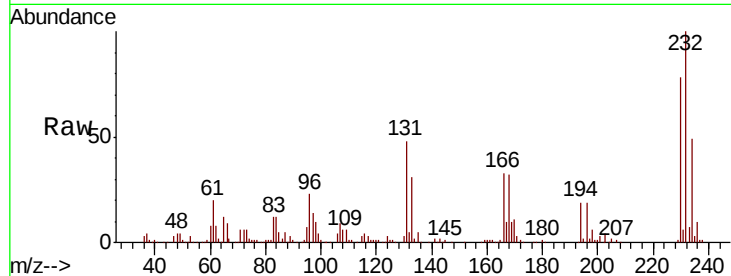




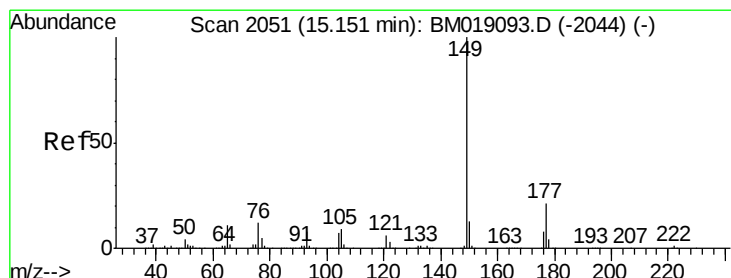
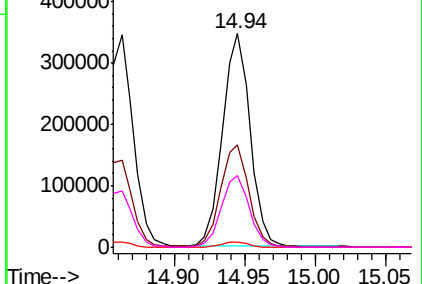
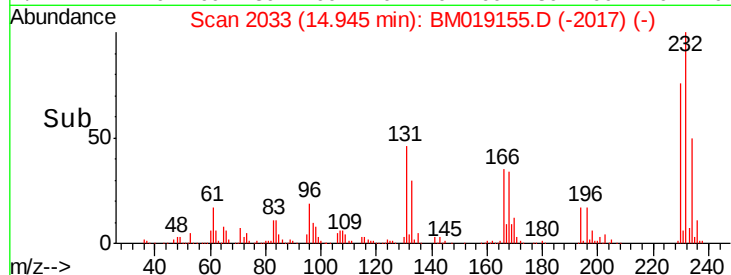
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.472 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232 Resp: 471628
 Ion Ratio Lower Upper
 232 100
 131 48.7 38.2 57.2
 130 2.6 1.9 2.9
 166 33.8 27.0 40.4

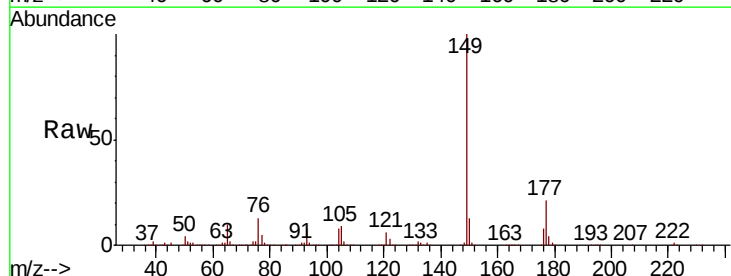


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

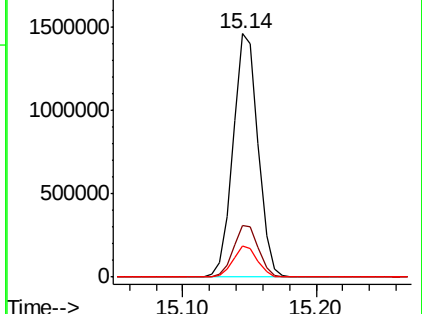
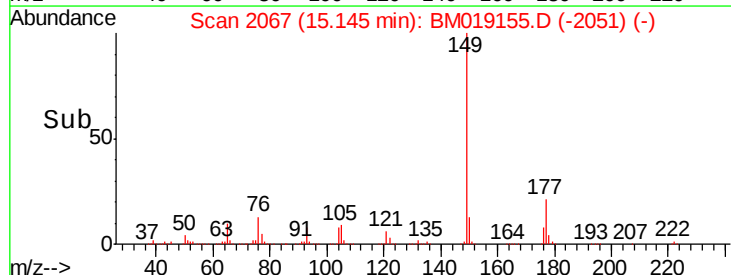


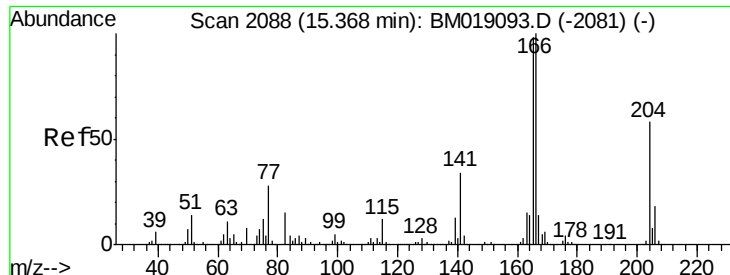
#60
 Diethylphthalate
 Concen: 38.288 ng
 RT: 15.14 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion:149 Resp: 1899512
 Ion Ratio Lower Upper
 149 100
 177 21.5 17.0 25.6
 150 12.6 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

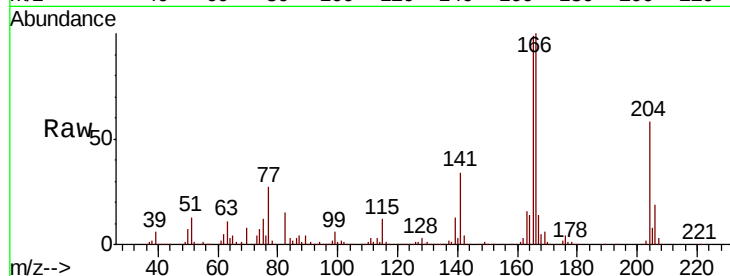




#61
4-Chlorophenyl-phenylether
Concen: 37.436 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.5	38.3
141	58.2	47.8	71.8

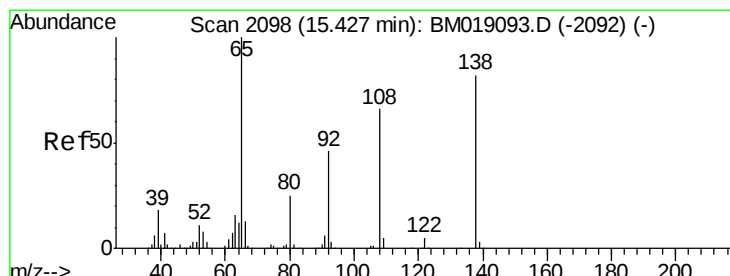
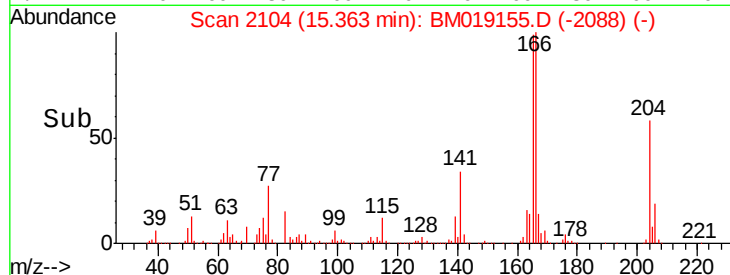
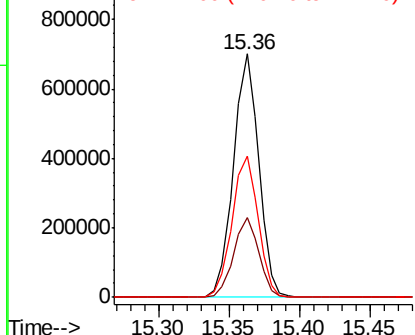


Abundance

Ion 204.00 (203.70 to 204.70): E

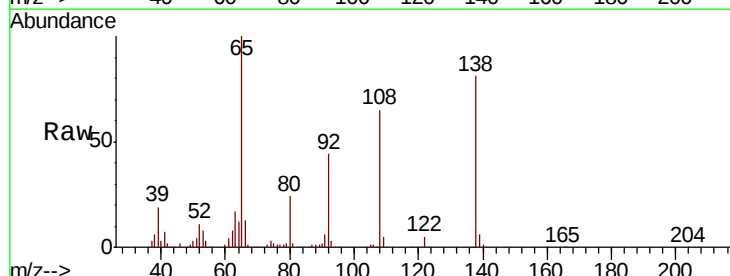
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.736 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	36.2	76.2
108	80.4	59.7	99.7

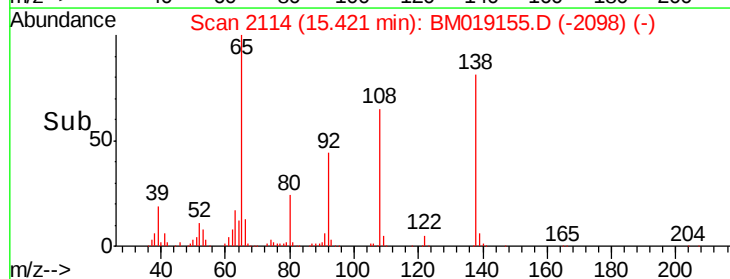
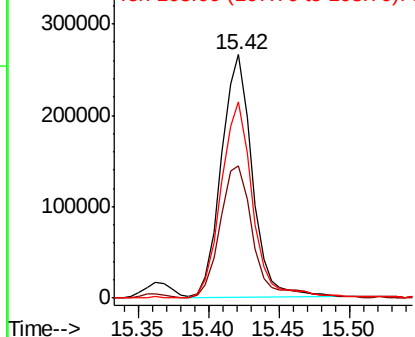


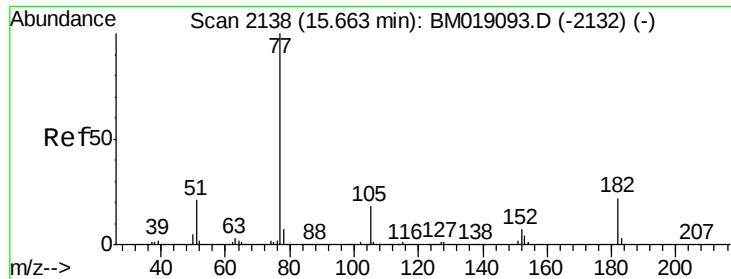
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

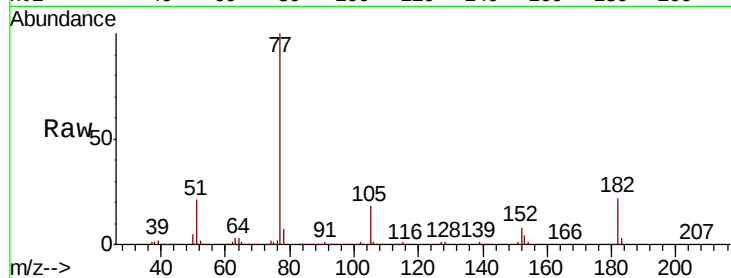




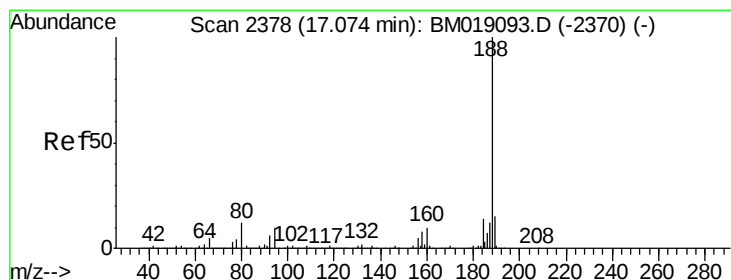
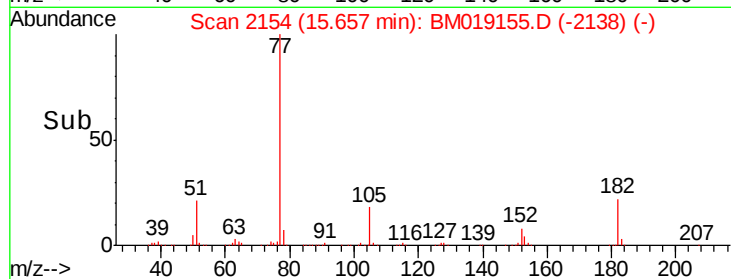
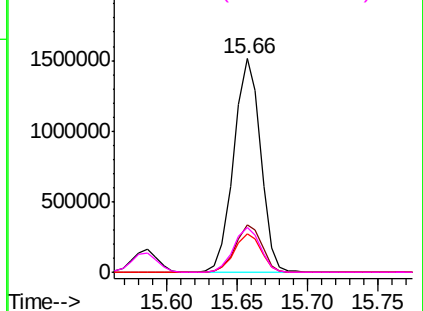
#63
Azobenzene
Concen: 38.360 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	2002579
Ion	Ratio	Lower	Upper
77	100		
182	21.9	1.8	41.8
105	17.8	0.0	38.3
51	21.3	0.8	40.8

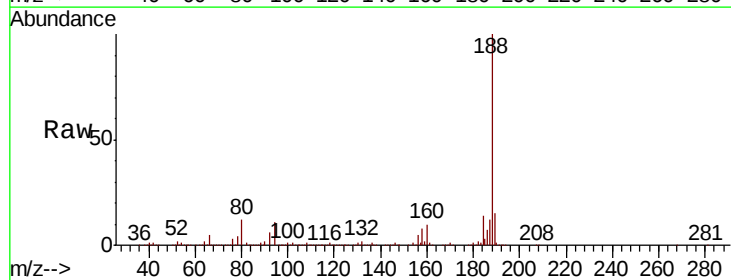


Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

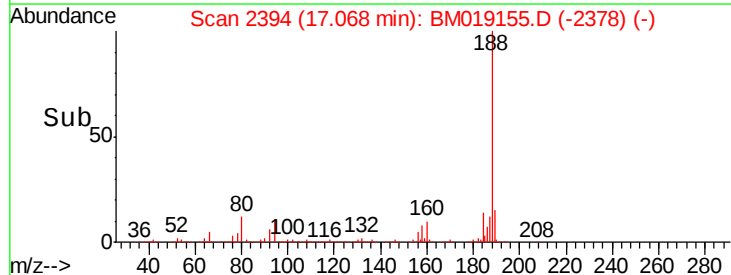
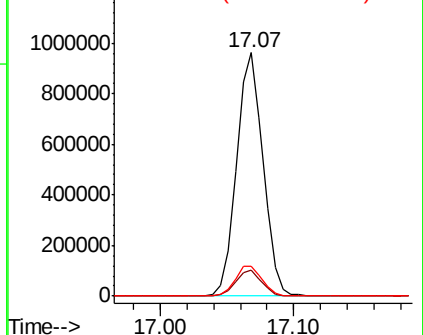


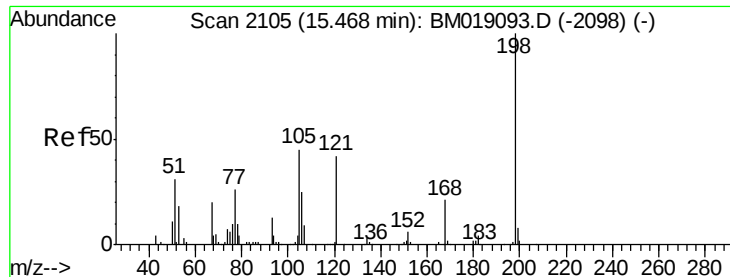
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:	188	Resp:	1322752
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	12.2	9.7	14.5



Abundance Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

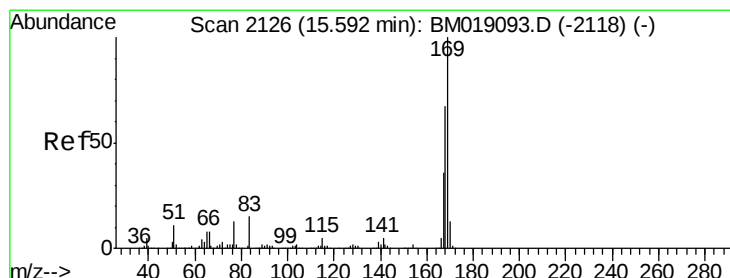
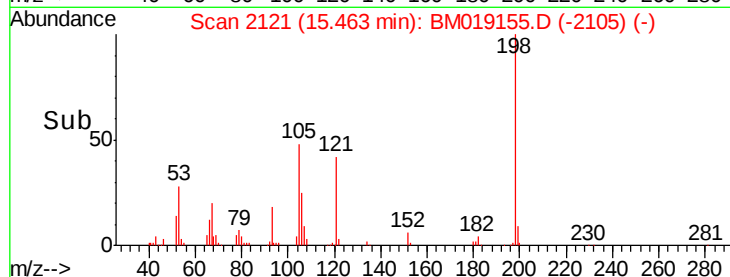
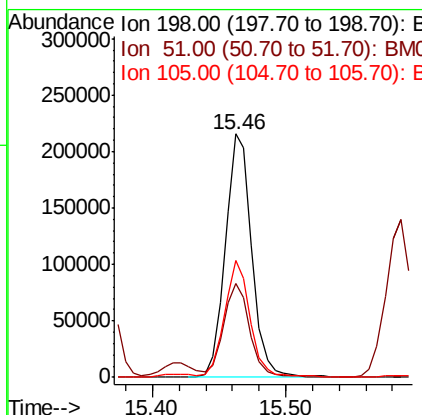
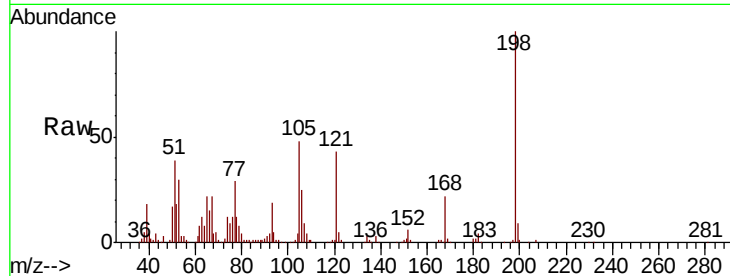




#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.548 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

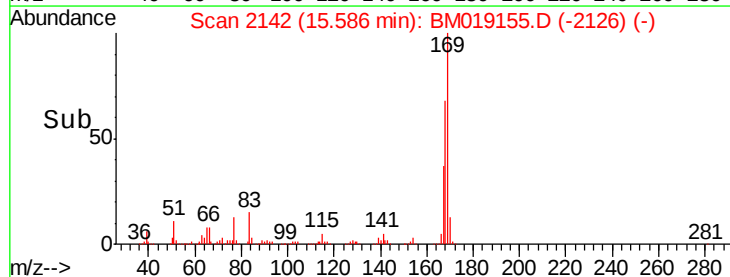
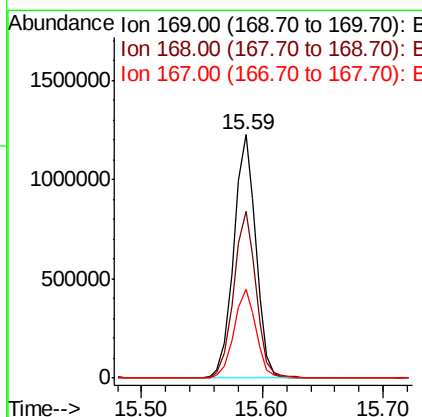
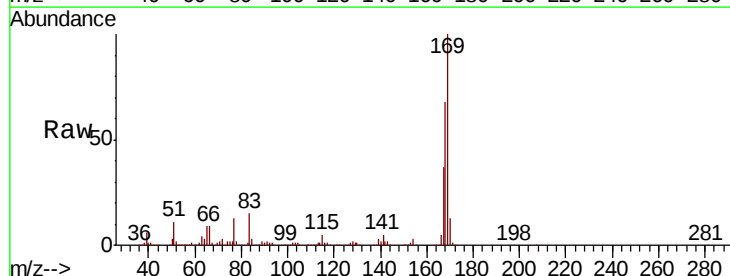
Instrument :
 BNA_M
 ClientSampled :

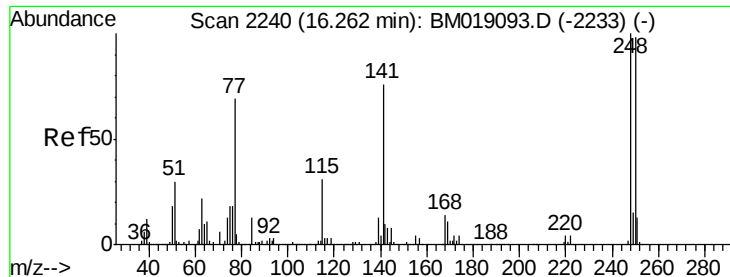
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.5	17.3	57.3
105	48.0	26.2	66.2



#66
 n-Nitrosodiphenylamine
 Concen: 37.208 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.9	80.9
167	36.7	28.8	43.2

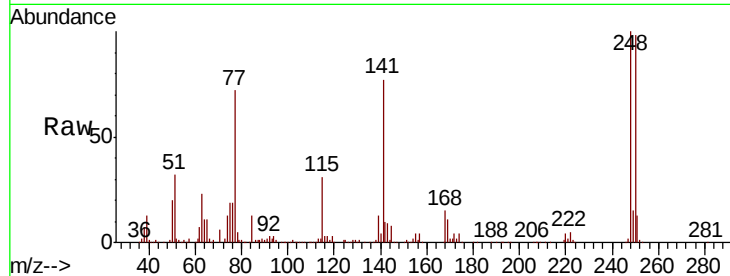




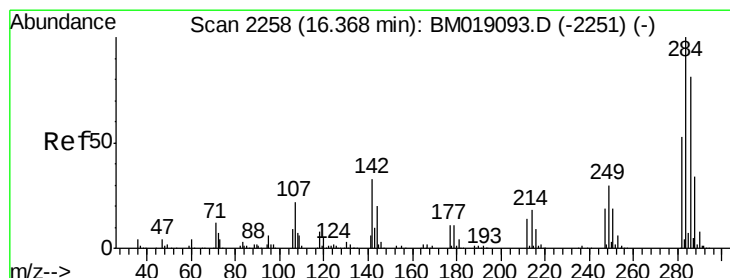
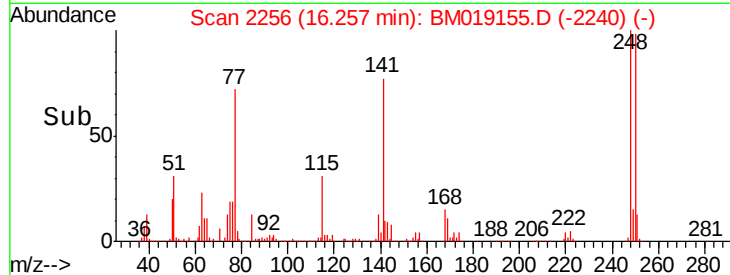
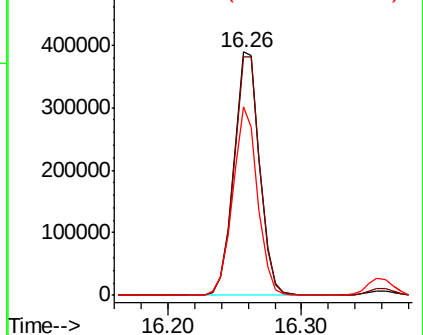
#67
4-Bromophenyl-phenylether
Concen: 35.787 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 522011
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 77.5 61.0 91.4

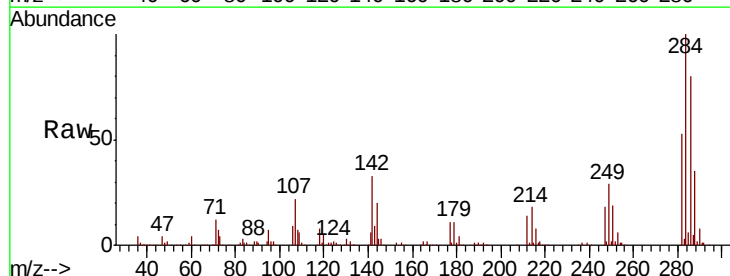


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

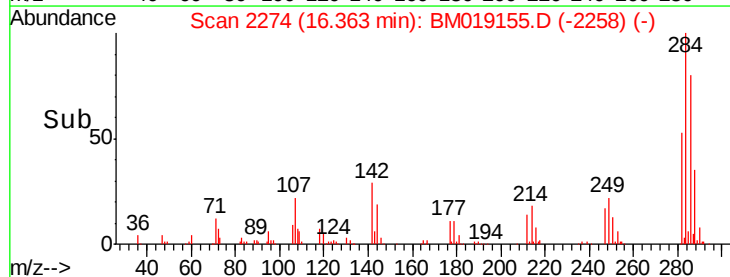
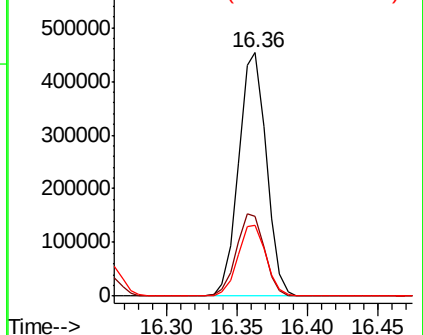


#68
Hexachlorobenzene
Concen: 35.868 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:284 Resp: 622022
Ion Ratio Lower Upper
284 100
142 32.6 26.3 39.5
249 28.9 24.1 36.1



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





#69

Atrazine

Concen: 39.244 ng

RT: 16.54 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

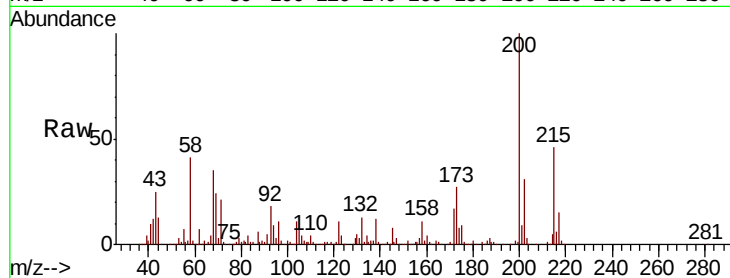
Tot Ion:200 Resp: 556311

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 46.4 27.7 67.7

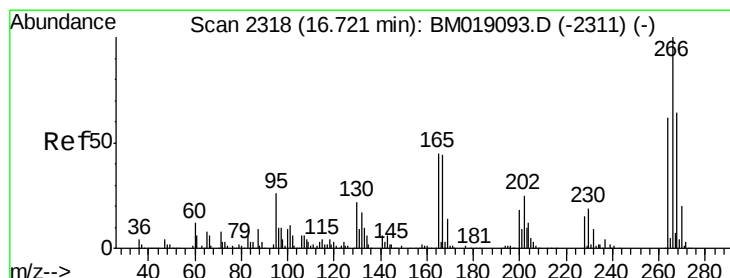
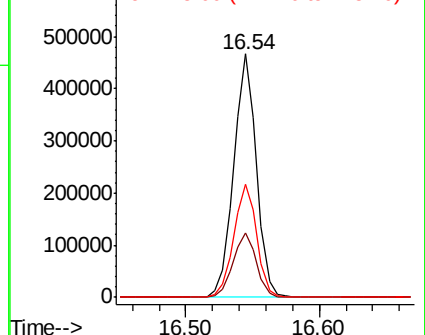
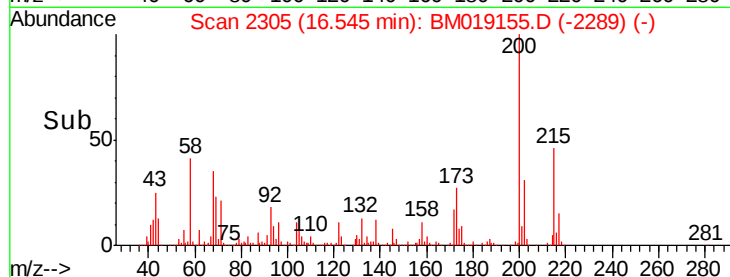


Abundance

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: 75.399 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

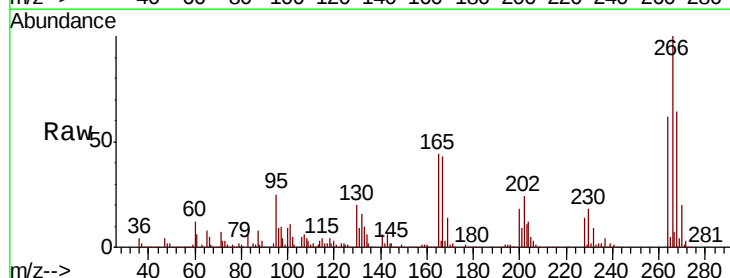
Tgt Ion:266 Resp: 787787

Ion Ratio Lower Upper

266 100

268 64.2 51.3 76.9

264 62.4 50.0 75.0

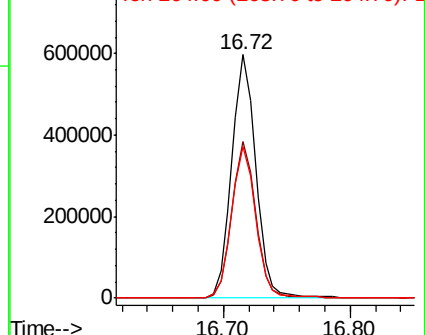
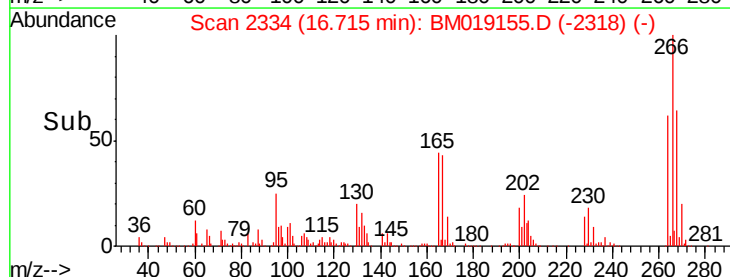


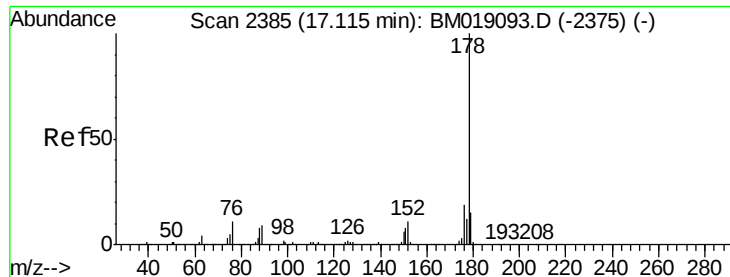
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

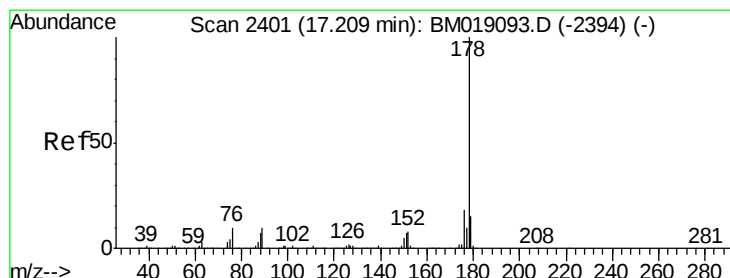
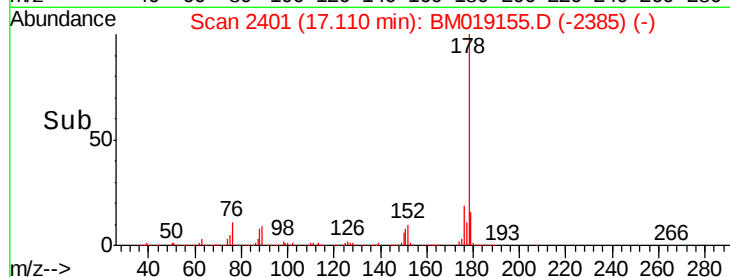
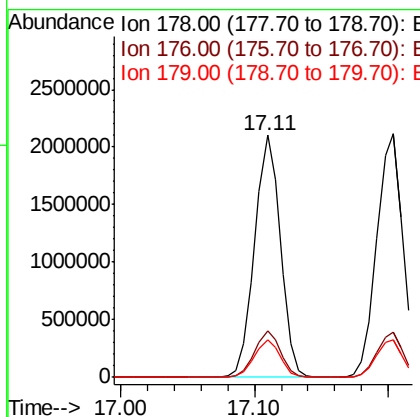
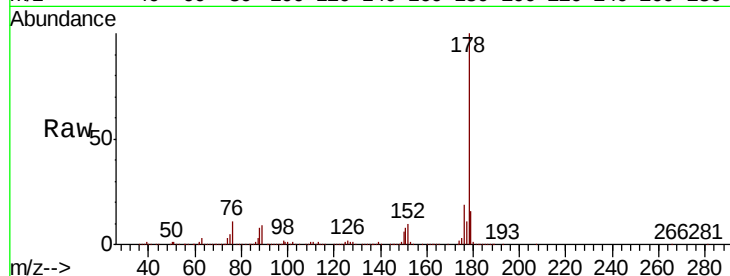




#71
Phenanthrene
Concen: 35.992 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

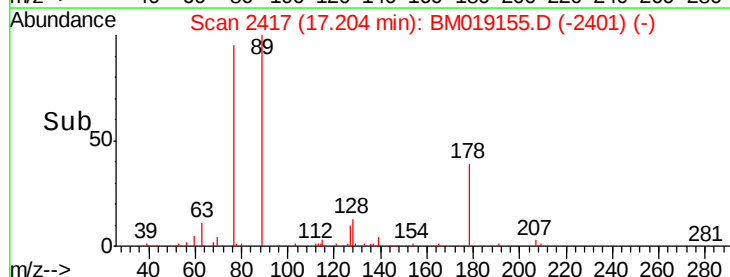
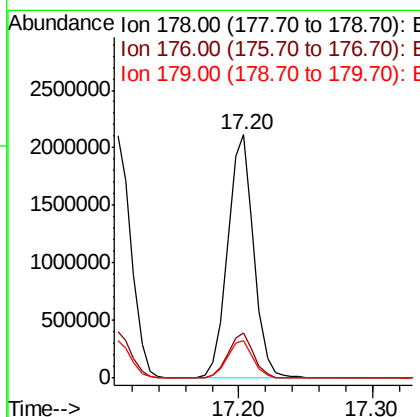
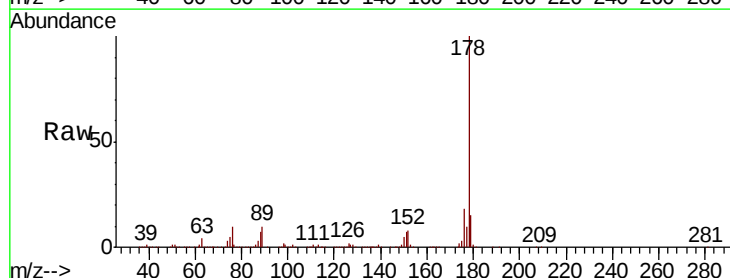
Instrument :
BNA_M
ClientSampled :

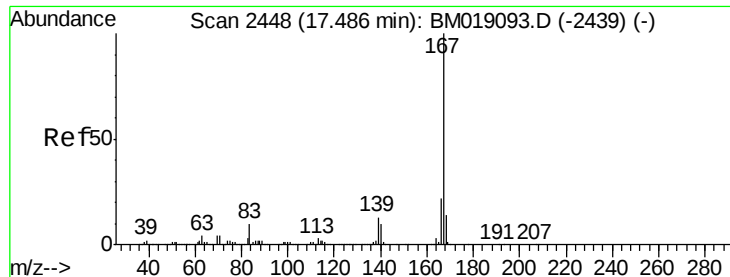
Tot Ion:178 Resp: 2790533
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.2 18.2



#72
Anthracene
Concen: 37.618 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM019155.D
Acq: 13 Mar 2019 20:42

Tgt Ion:178 Resp: 2855238
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.2 11.9 17.9

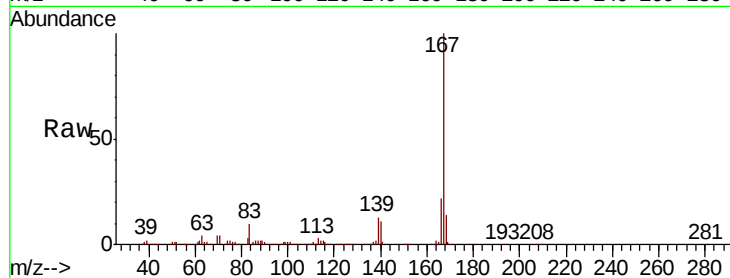




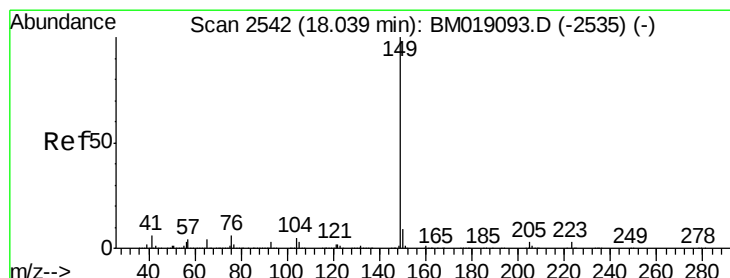
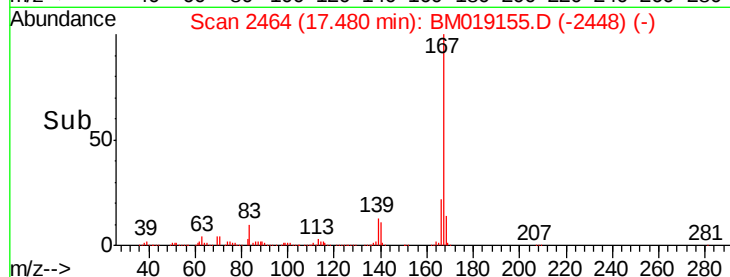
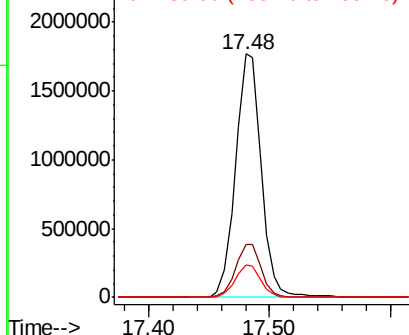
#73
 Carbazole
 Concen: 36.644 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2625089
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.3 10.5 15.7

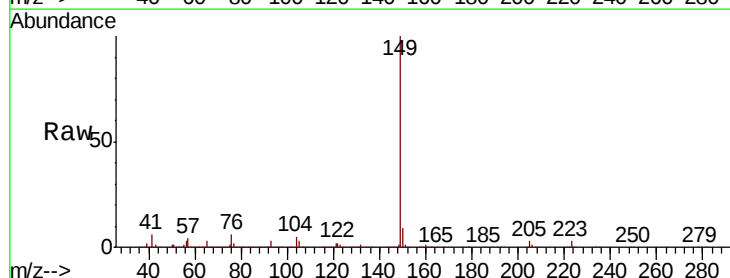


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

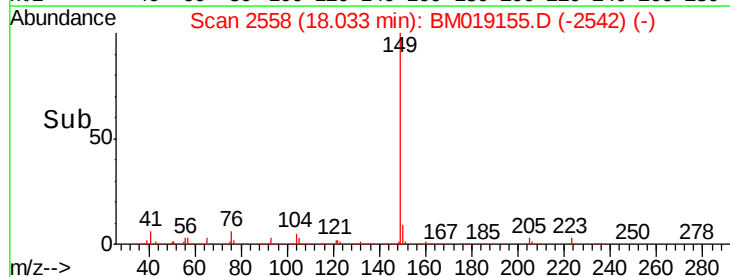
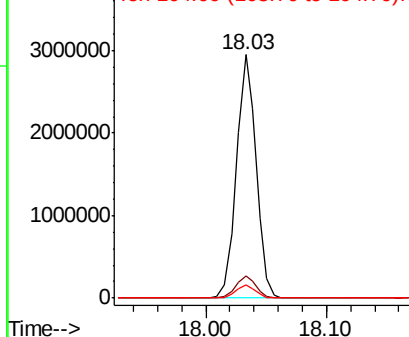


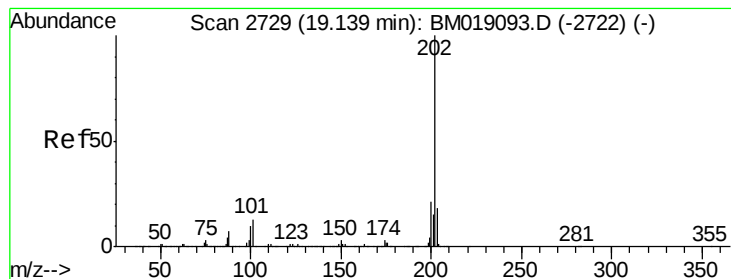
#74
 Di-n-butylphthalate
 Concen: 38.796 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion:149 Resp: 3360722
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.3 4.2 6.4



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





#75

Fluoranthene

Concen: 36.087 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

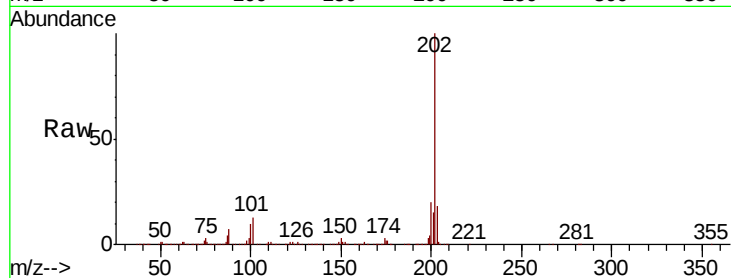
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 3210463

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.0
203	17.5	0.0	37.8

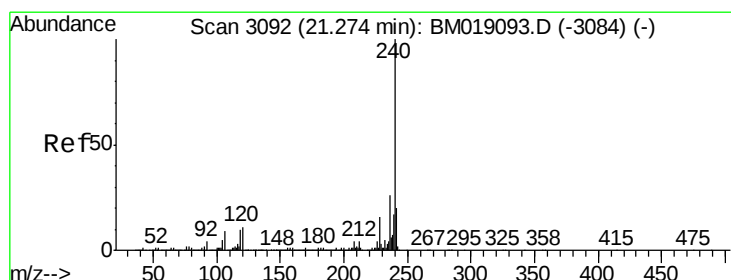
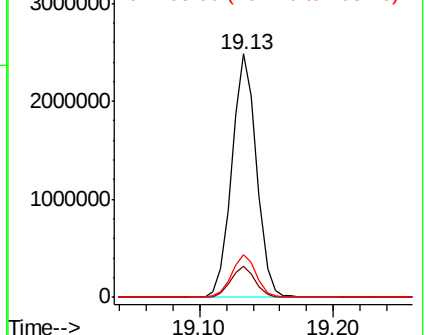
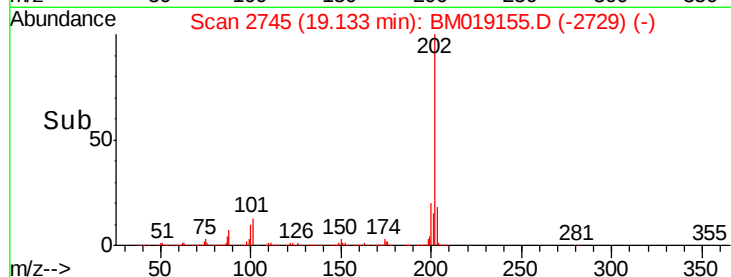


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

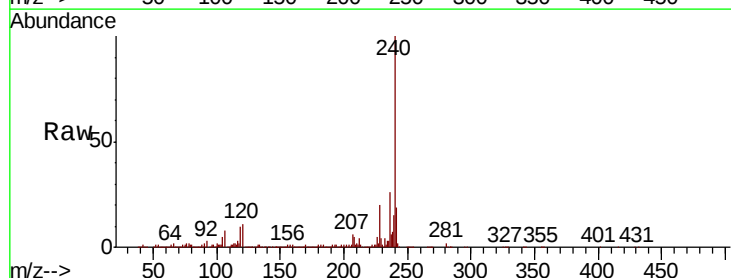
Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Tgt Ion:240 Resp: 1366734

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.7	21.0	31.4

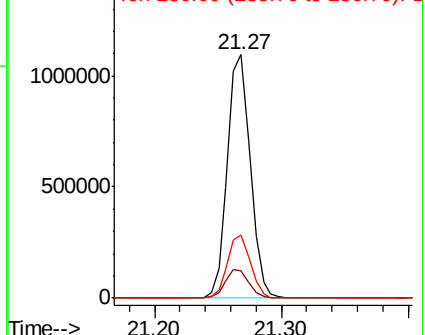
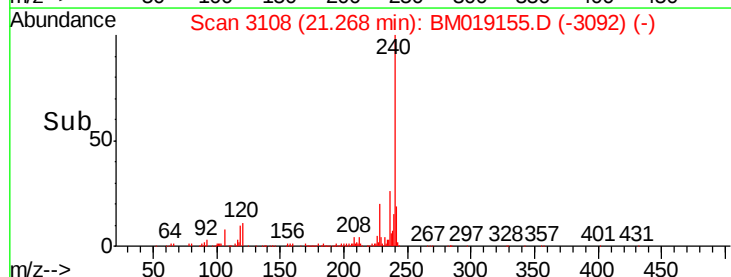


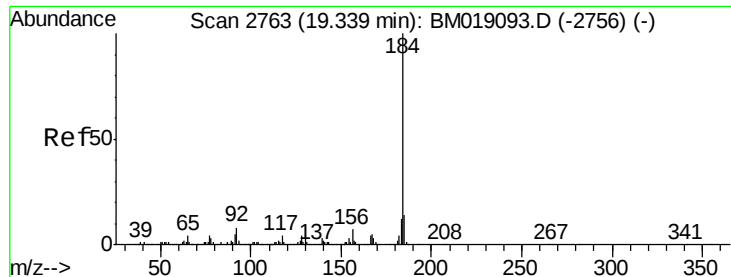
Abundance

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: 17.955 ng

RT: 19.34 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

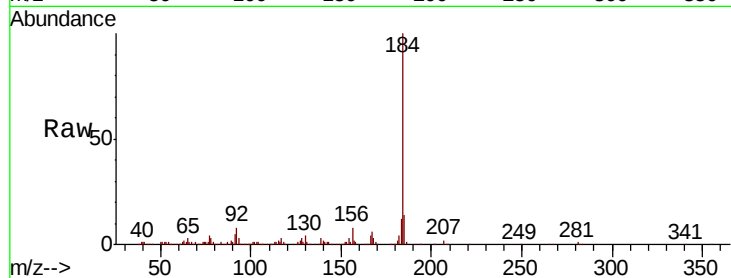
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 695975

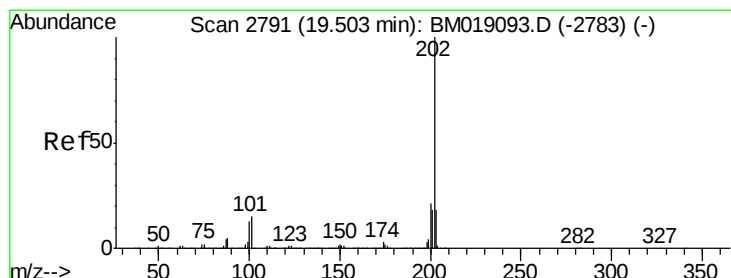
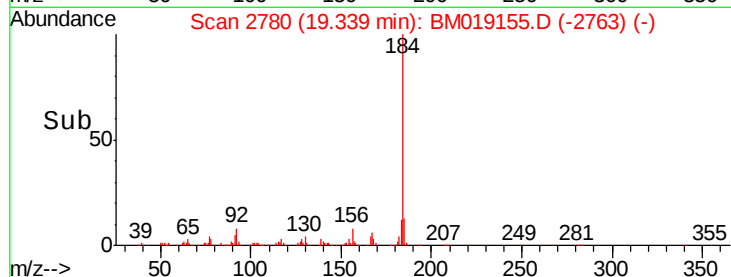
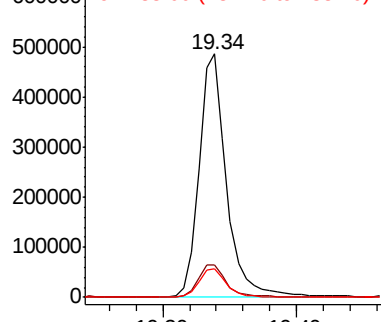
Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.0	16.4
183	12.0	9.8	14.6



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: 37.703 ng

RT: 19.50 min Scan# 2807

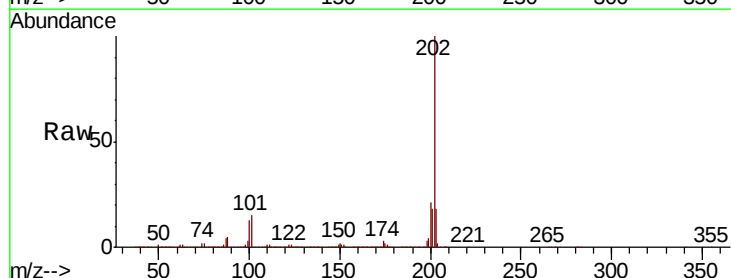
Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Tgt Ion:202 Resp: 3260392

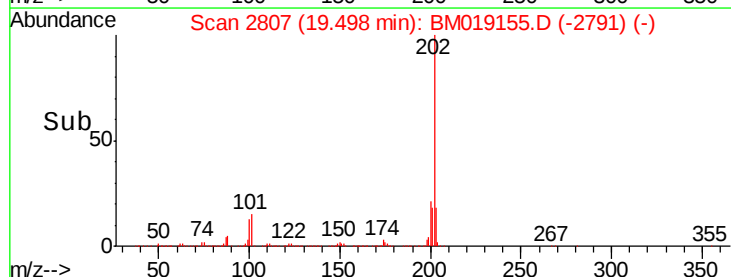
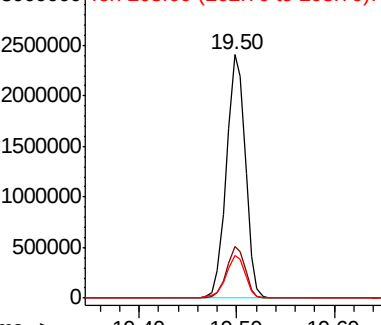
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.0	21.0

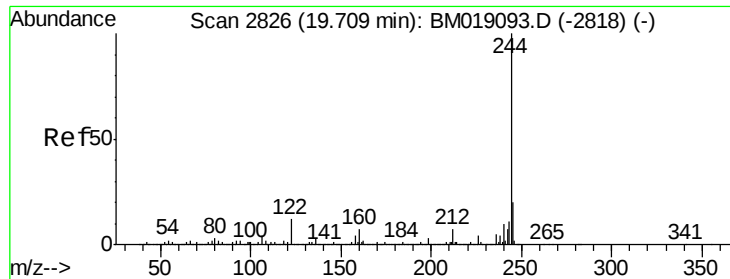


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

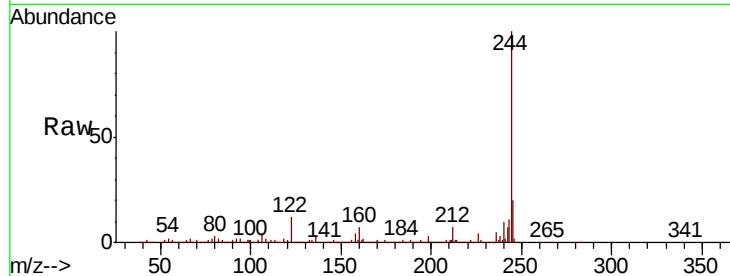




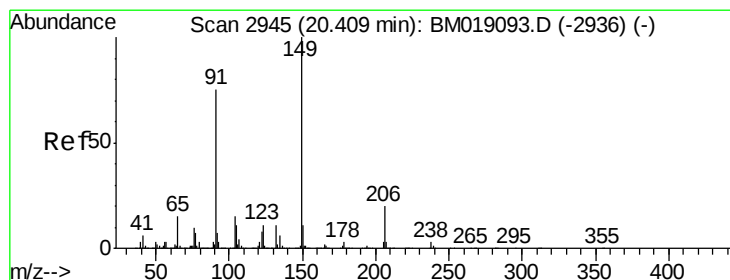
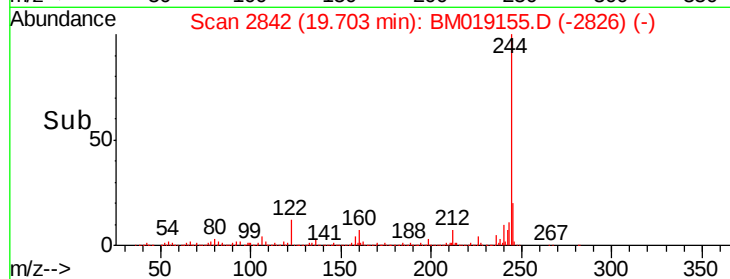
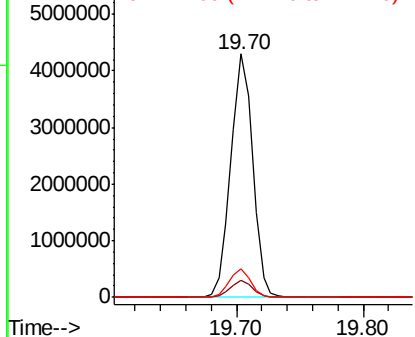
#79
 Terphenyl-d14
 Concen: 74.647 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 5139122
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.7 9.4 14.2

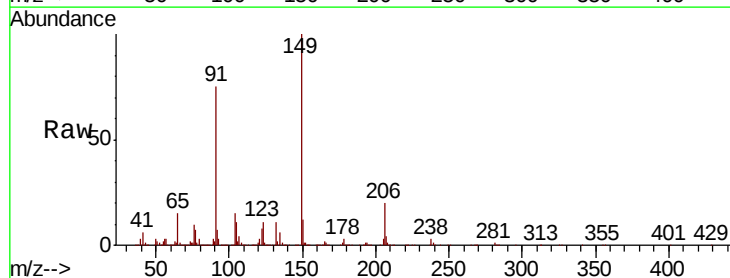


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

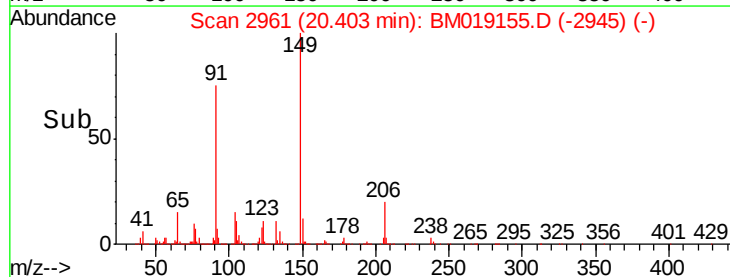
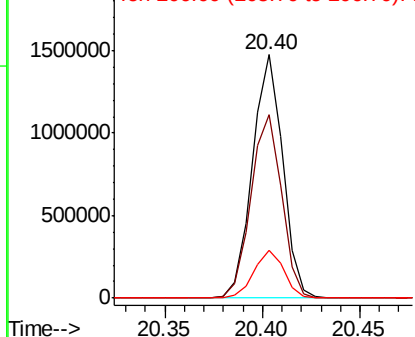


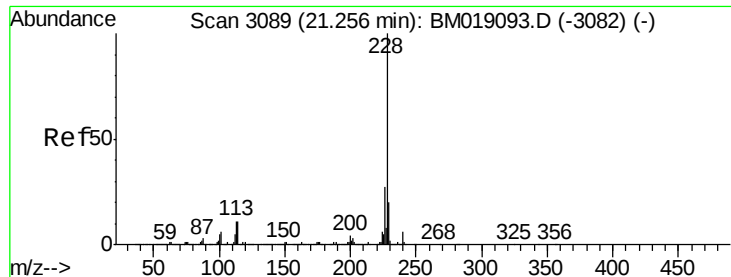
#80
 Butylbenzylphthalate
 Concen: 41.989 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM019155.D
 Acq: 13 Mar 2019 20:42

Tgt Ion:149 Resp: 1581491
 Ion Ratio Lower Upper
 149 100
 91 75.4 60.1 90.1
 206 19.8 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.211 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

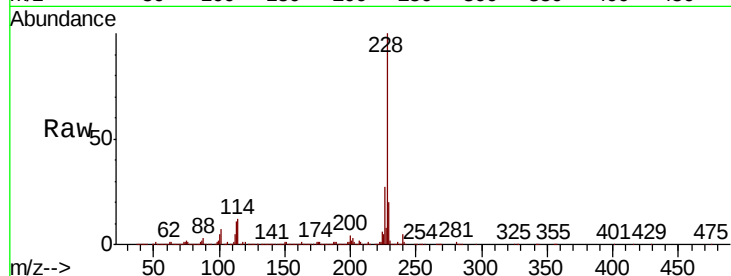
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3019108

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.7	15.8	23.6

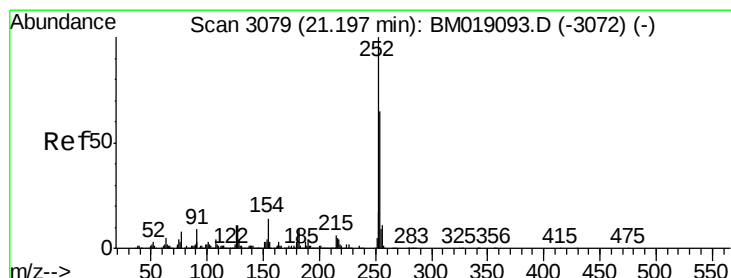
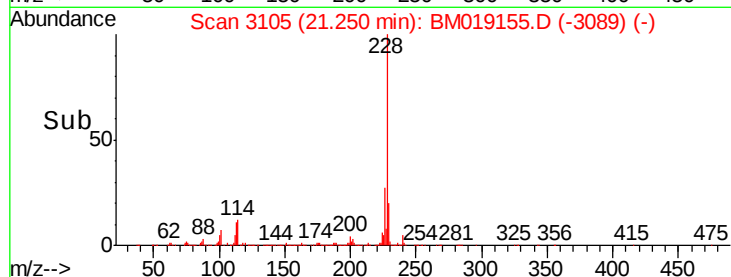
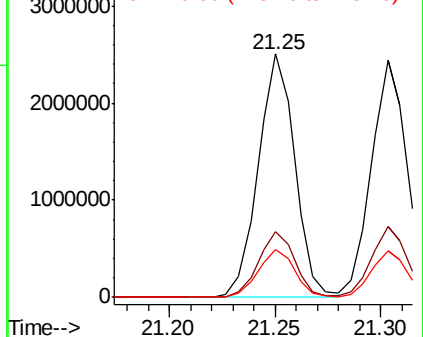


Abundance

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: 20.747 ng

RT: 21.19 min Scan# 3095

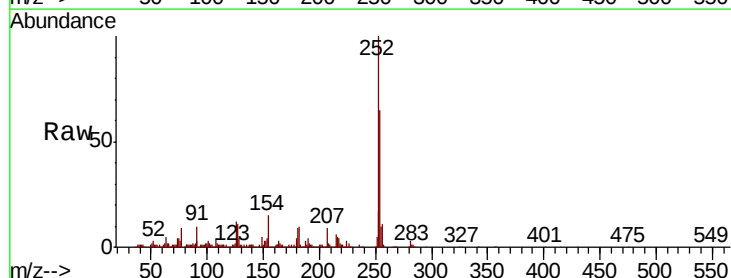
Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Tgt Ion:252 Resp: 685292

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.4	78.6
126	11.6	9.0	13.6

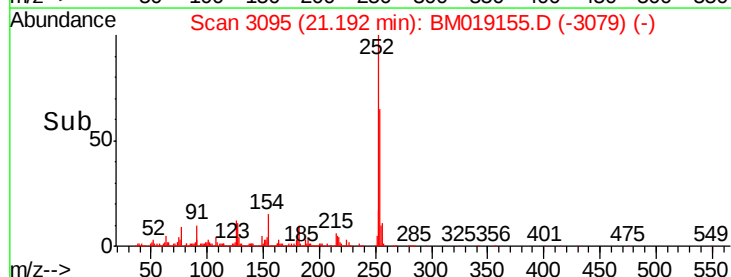
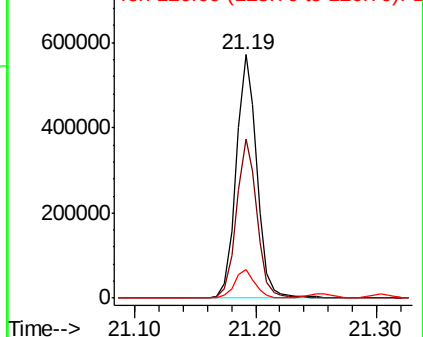


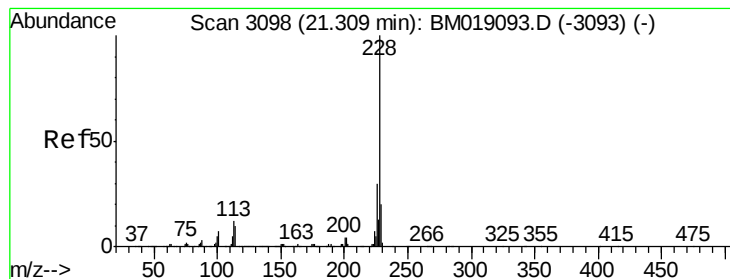
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 34.879 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

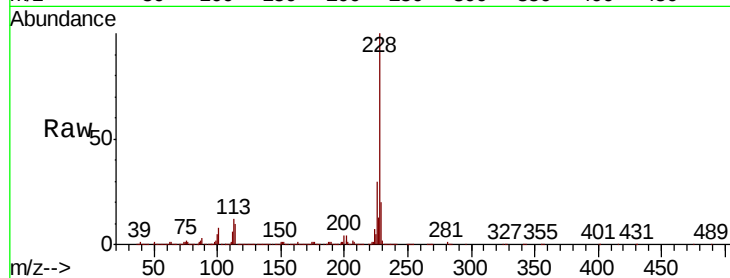
Tot Ion:228 Resp: 2893253

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.8 15.7 23.5

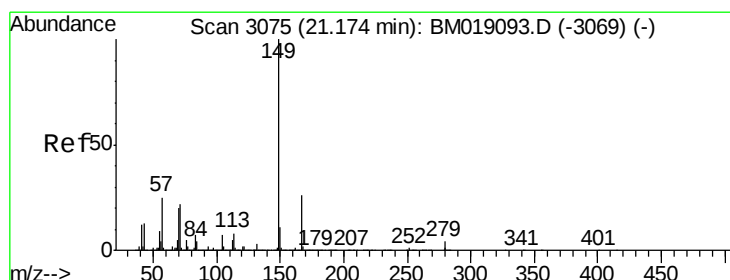
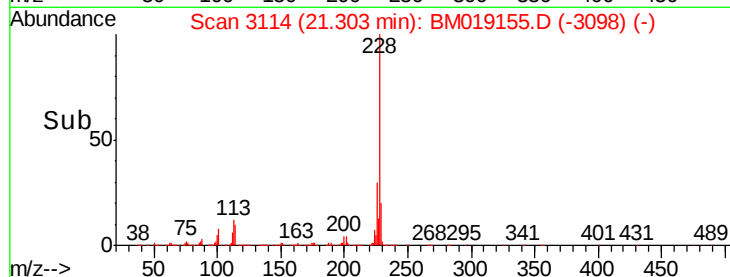
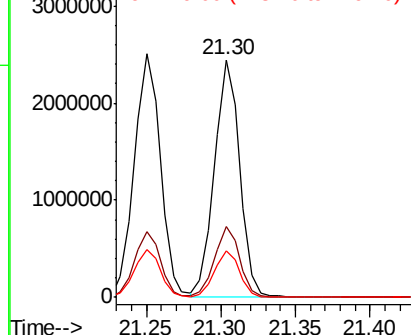


Abundance

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: 42.482 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

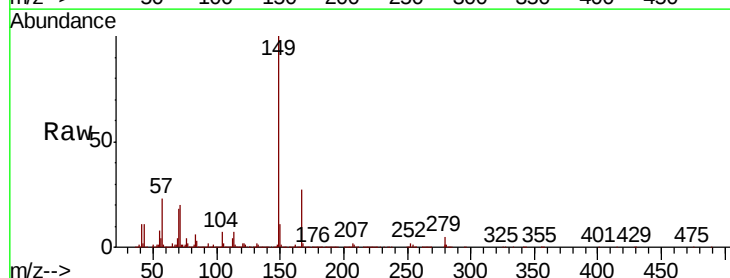
Tgt Ion:149 Resp: 2327819

Ion Ratio Lower Upper

149 100

167 27.2 21.1 31.7

279 4.8 3.2 4.8

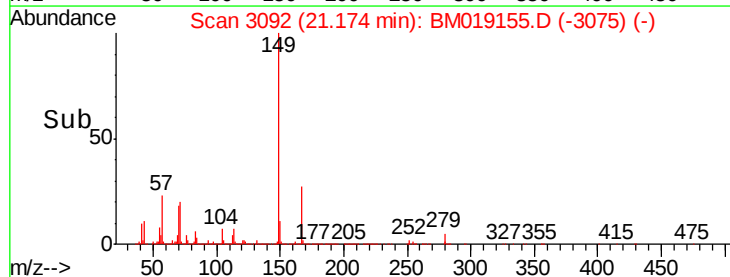
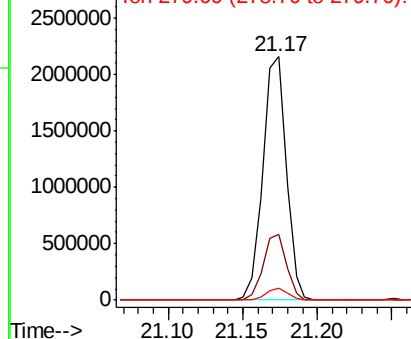


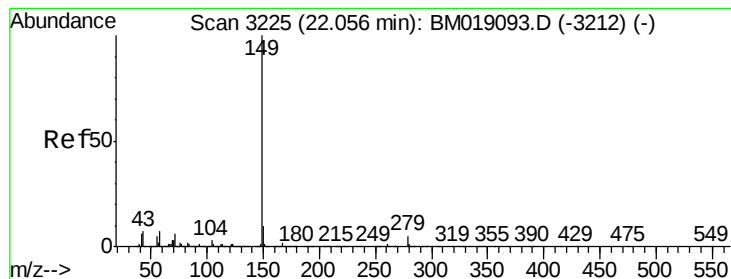
Abundance

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: 42.010 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

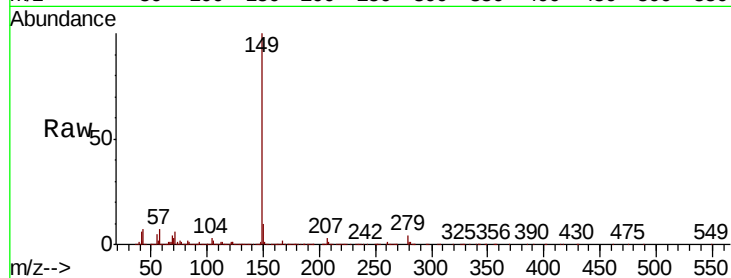
Tot Ion:149 Resp: 3876258

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

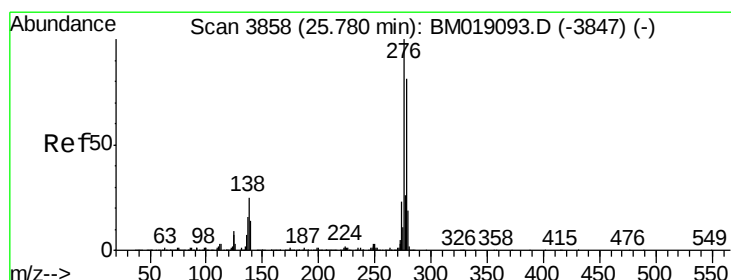
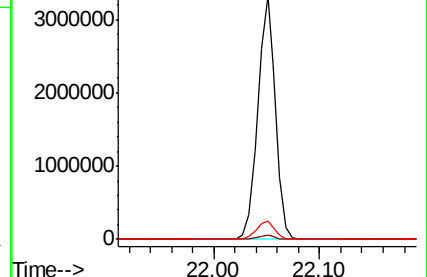
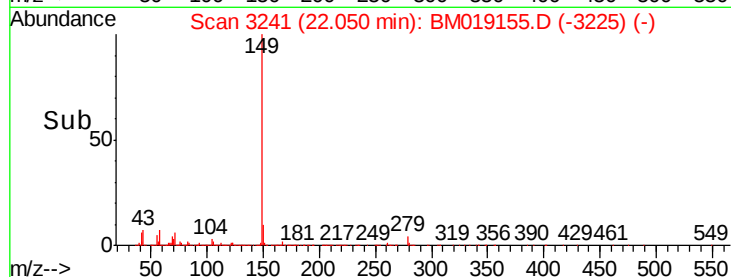
43 7.6 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.675 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

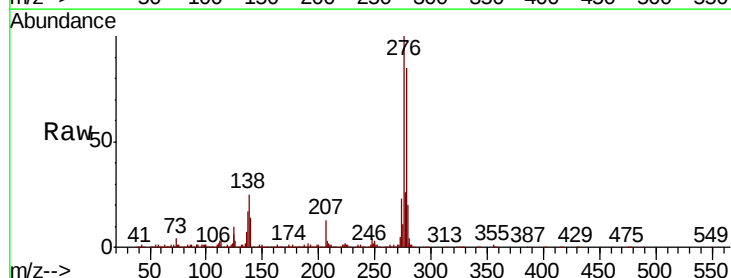
Tgt Ion:276 Resp: 2828419

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

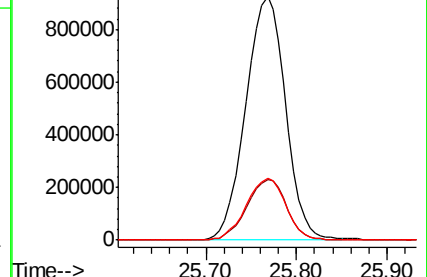
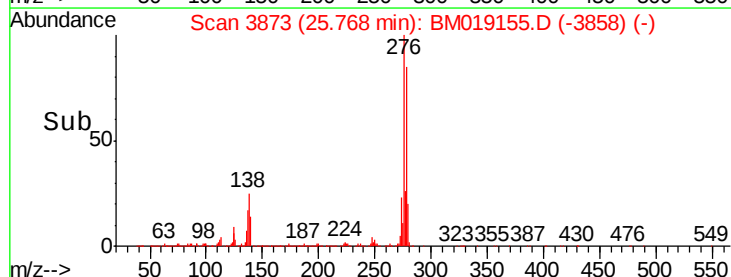
277 25.5 20.3 30.5

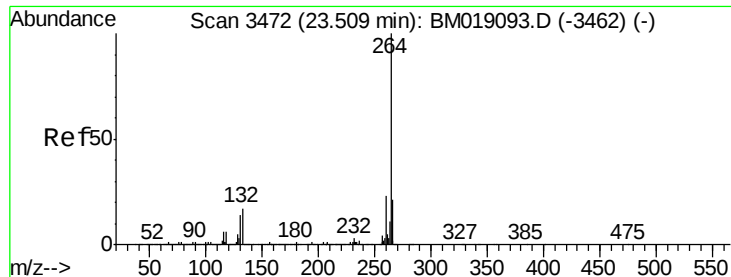


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

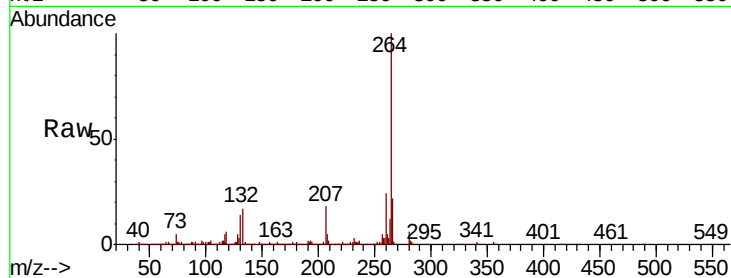
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1188505

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.8	17.3	25.9

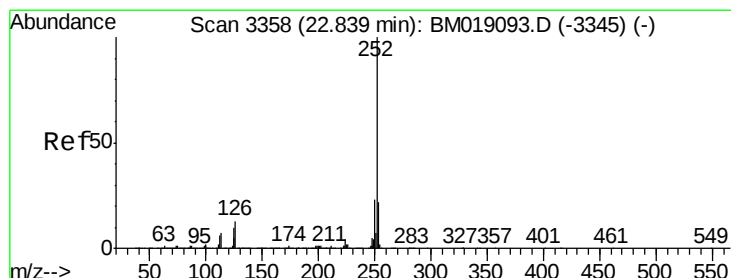
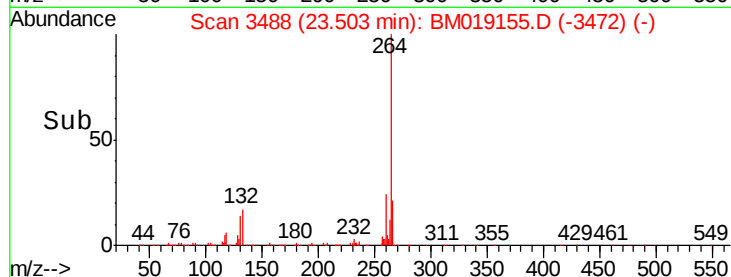
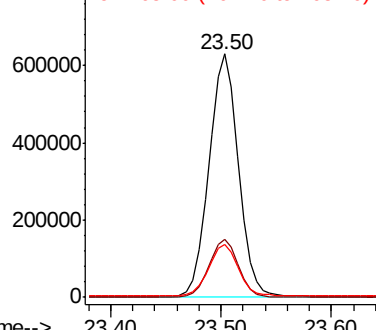


Abundance

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: 36.279 ng

RT: 22.83 min Scan# 3373

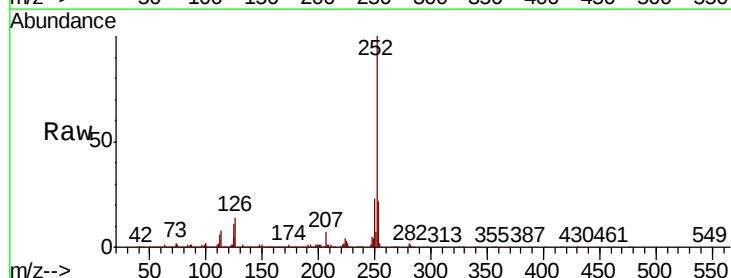
Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Tgt Ion:252 Resp: 2793923

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.7	8.1	12.1

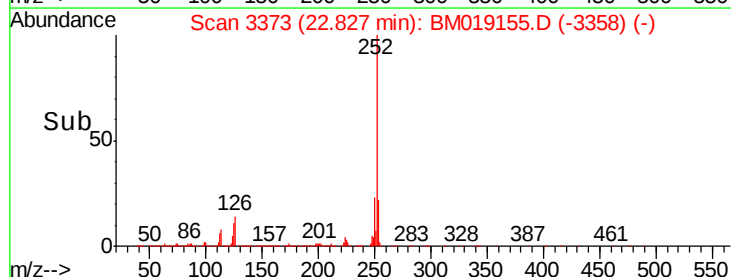
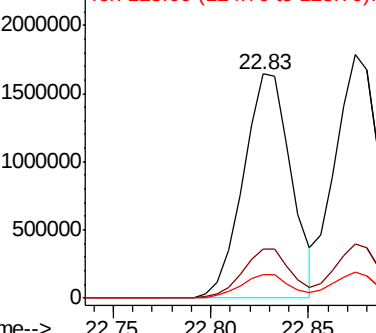


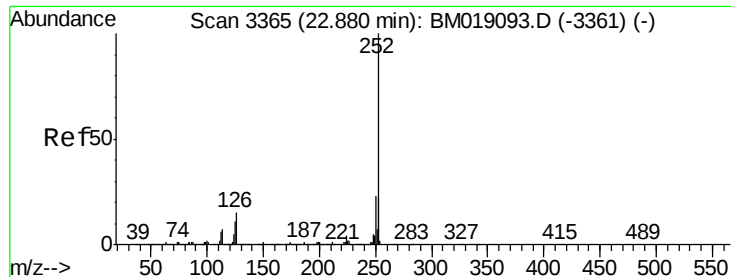
Abundance

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: 39.613 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Instrument :

BNA_M

ClientSampleId :

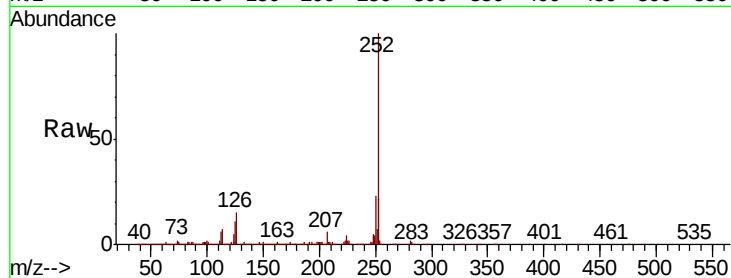
Tot Ion:252 Resp: 2805932

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

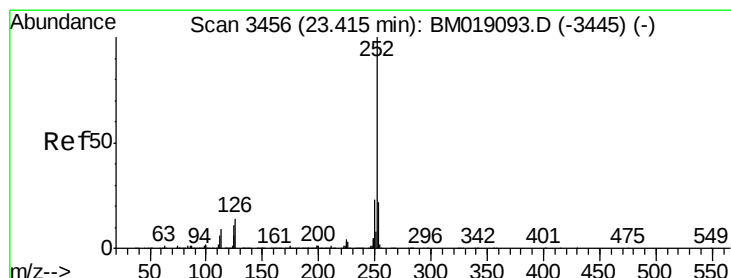
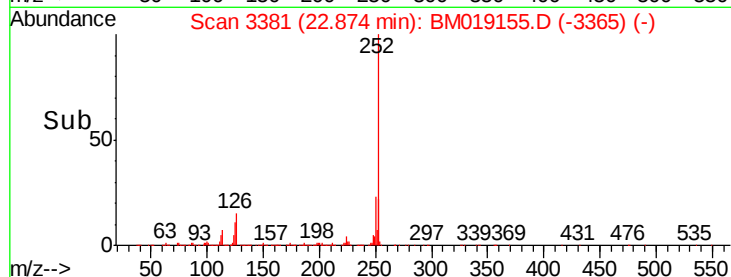
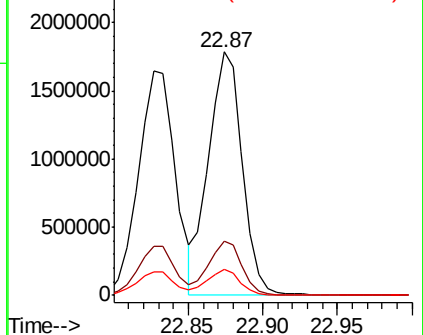
125 10.7 8.8 13.2



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: 37.636 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

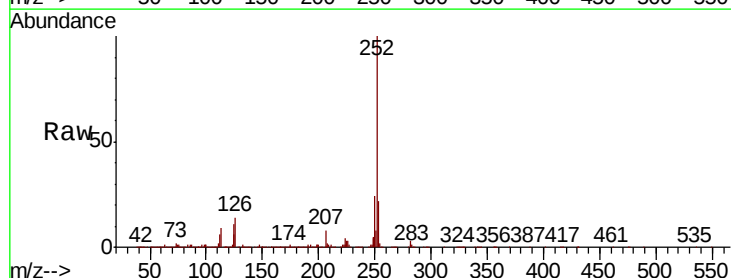
Tgt Ion:252 Resp: 2604724

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

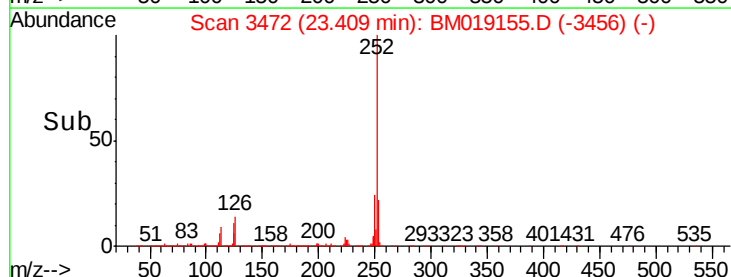
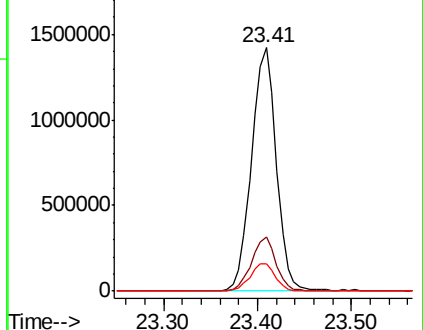
125 11.4 9.2 13.8

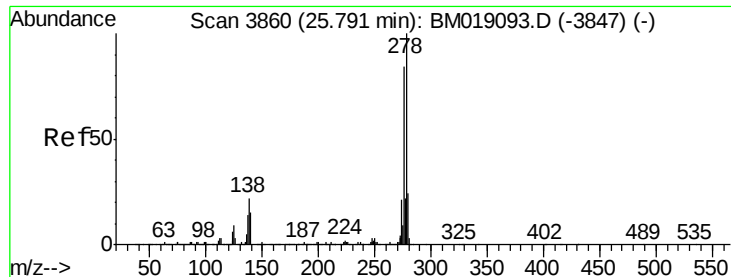


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.564 ng

RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

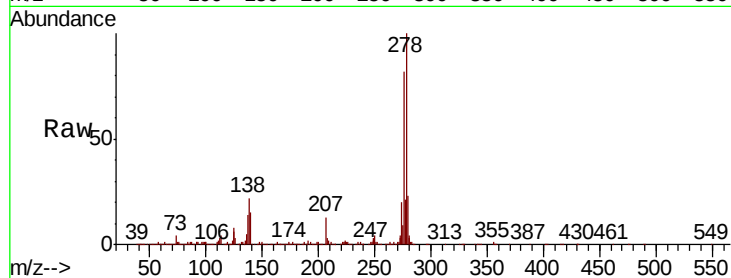
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2420706

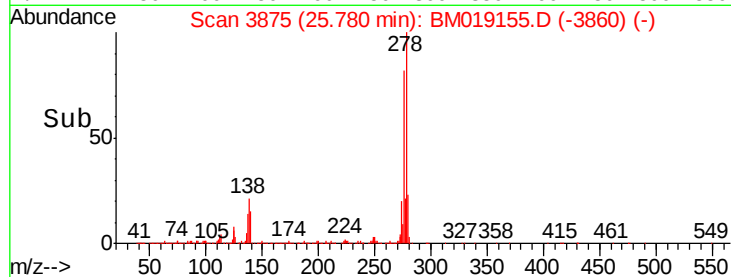
Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.3	18.5
279	23.4	18.9	28.3



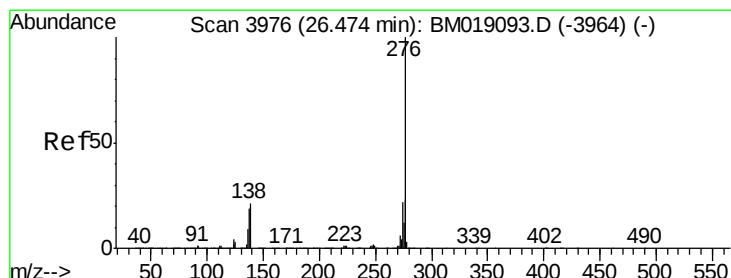
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 36.920 ng

RT: 26.46 min Scan# 3991

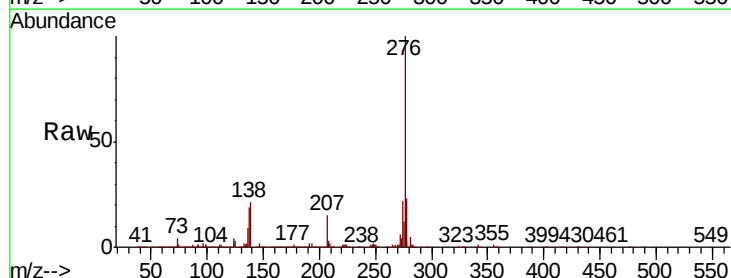
Delta R.T. -0.01 min

Lab File: BM019155.D

Acq: 13 Mar 2019 20:42

Tgt Ion:276 Resp: 2244048

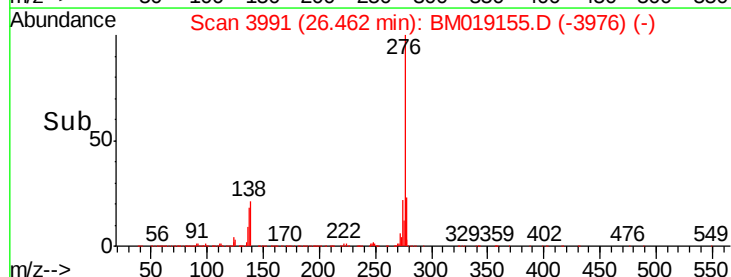
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.0	17.0	25.4



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



Time-->