

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
 Data File : BM019091.D
 Acq On : 11 Mar 2019 13:32
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 16:04:27 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 15:57:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	189962	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	869334	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	531115	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1189002	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1327326	20.00	ng	0.00
87) Perylene-d12	23.51	264	1420807	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	224131	19.33	ng	0.00
7) Phenol-d6	6.84	99	321621	19.69	ng	0.00
23) Nitrobenzene-d5	8.83	82	354127	18.84	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	144343	18.85	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	797658	19.94	ng	0.00
79) Terphenyl-d14	19.71	244	1287562	20.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	51063	10.112	ng	98
3) Pyridine	3.64	79	141293	10.258	ng	# 93
4) n-Nitrosodimethylamine	3.56	42	36906	10.532	ng	# 94
6) Aniline	7.01	93	207806	10.384	ng	99
8) 2-Chlorophenol	7.23	128	136166	10.697	ng	97
9) Benzaldehyde	6.83	77	121690	13.612	ng	97
10) Phenol	6.87	94	175394	10.206	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	133645	10.195	ng	99
12) 1,3-Dichlorobenzene	7.55	146	146289	10.221	ng	99
13) 1,4-Dichlorobenzene	7.70	146	151625	10.406	ng	99
14) 1,2-Dichlorobenzene	8.01	146	144829	10.347	ng	98
15) Benzyl Alcohol	7.92	79	129395	9.970	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	141364	11.142	ng	98
17) 2-Methylphenol	8.11	107	117092	10.705	ng	98
18) Hexachloroethane	8.72	117	53729	10.101	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	133254	10.537	ng	99
20) 3+4-Methylphenols	8.44	107	154575	10.234	ng	99
22) Acetophenone	8.49	105	235392	9.860	ng	# 97
24) Nitrobenzene	8.87	77	184439	9.451	ng	98
25) Isophorone	9.39	82	334548	11.152	ng	100
26) 2-Nitrophenol	9.58	139	72513	9.330	ng	97
27) 2,4-Dimethylphenol	9.63	122	112060	9.872	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	203184	10.474	ng	98
29) 2,4-Dichlorophenol	10.11	162	121675	9.335	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	143080	9.506	ng	97
31) Naphthalene	10.50	128	452305	10.668	ng	99
32) Benzoic acid	9.74	122	52295	5.281	ng	95
33) 4-Chloroaniline	10.63	127	178688	9.428	ng	99
34) Hexachlorobutadiene	10.76	225	81718	9.353	ng	98
35) Caprolactam	11.44	113	40665	7.645	ng	95
36) 4-Chloro-3-methylphenol	11.75	107	154026	9.802	ng	97
37) 2-Methylnaphthalene	12.12	142	325052	10.889	ng	99
38) 1-Methylnaphthalene	12.34	142	323634	11.087	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	160472	9.445	ng	99

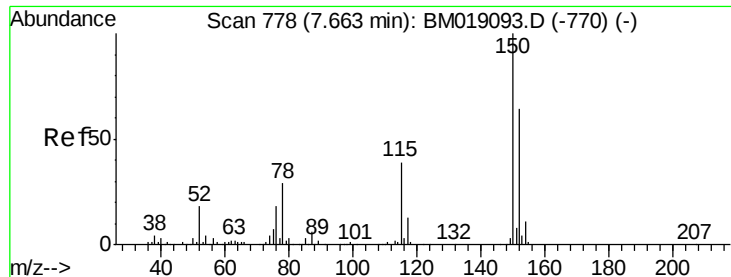
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
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 QLast Update : Mon Mar 11 15:57:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	53865	6.201	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	100943	8.975	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	104154	8.835	ng	98
46) 1,1'-Biphenyl	13.15	154	453415	9.918	ng	98
47) 2-Chloronaphthalene	13.19	162	335671	9.506	ng	99
48) 2-Nitroaniline	13.42	65	102817	8.767	ng	98
49) Acenaphthylene	14.04	152	566901	10.782	ng	99
50) Dimethylphthalate	13.78	163	446488	10.087	ng	98
51) 2,6-Dinitrotoluene	13.91	165	92803	9.679	ng	92
52) Acenaphthene	14.38	154	324254	10.057	ng	99
53) 3-Nitroaniline	14.25	138	88409	8.160	ng	97
54) 2,4-Dinitrophenol	14.46	184	35999	6.795	ng	92
55) Dibenzofuran	14.72	168	527050	9.946	ng	99
56) 4-Nitrophenol	14.57	139	63442	7.336	ng	98
57) 2,4-Dinitrotoluene	14.70	165	124719	9.441	ng	97
58) Fluorene	15.37	166	425968	10.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	100301	9.626	ng	96
60) Diethylphthalate	15.14	149	442867	9.699	ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	205162	9.026	ng	99
62) 4-Nitroaniline	15.42	138	84723	7.977	ng	96
63) Azobenzene	15.66	77	468646	9.573	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	59307	7.104	ng	92
66) n-Nitrosodiphenylamine	15.59	169	365515	9.730	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	125699	9.445	ng	98
68) Hexachlorobenzene	16.37	284	148775	9.617	ng	98
69) Atrazine	16.54	200	122776	10.138	ng	100
70) Pentachlorophenol	16.72	266	76110	7.641	ng	99
71) Phenanthrene	17.12	178	675368	10.569	ng	100
72) Anthracene	17.20	178	648968	10.434	ng	99
73) Carbazole	17.49	167	613890	9.448	ng	99
74) Di-n-butylphthalate	18.04	149	723436	9.681	ng	100
75) Fluoranthene	19.14	202	766380	10.383	ng	97
77) Benzidine	19.34	184	377520	12.629	ng	99
78) Pyrene	19.50	202	802412	10.409	ng	99
80) Butylbenzylphthalate	20.40	149	327251	9.315	ng	94
81) Benzo(a)anthracene	21.25	228	817186	10.562	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	314040	10.270	ng	99
83) Chrysene	21.30	228	789178	10.642	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	482466	9.383	ng	99
85) Di-n-octyl phthalate	22.05	149	829956	9.603	ng	99
86) Indeno(1,2,3-cd)pyrene	25.77	276	967108	11.295	ng	100
88) Benzo(b)fluoranthene	22.83	252	860587	10.587	ng	99
89) Benzo(k)fluoranthene	22.87	252	784377	9.692	ng	99
90) Benzo(a)pyrene	23.41	252	777903	10.102	ng	99
91) Dibenzo(a,h)anthracene	25.79	278	810437	10.622	ng	99
92) Benzo(g,h,i)perylene	26.47	276	771790	10.866	ng	99

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

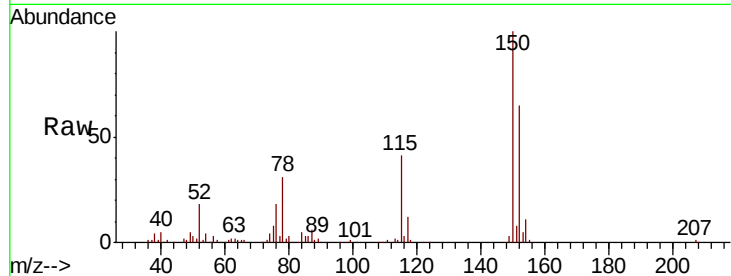


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.3	187.9
115	62.1	49.4	74.0

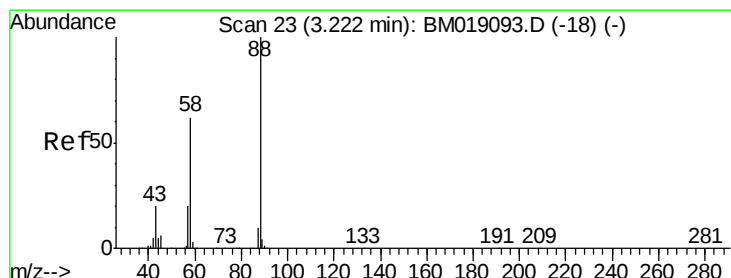
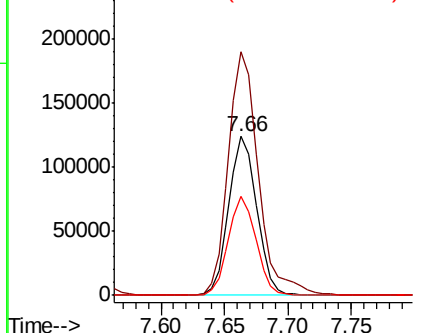
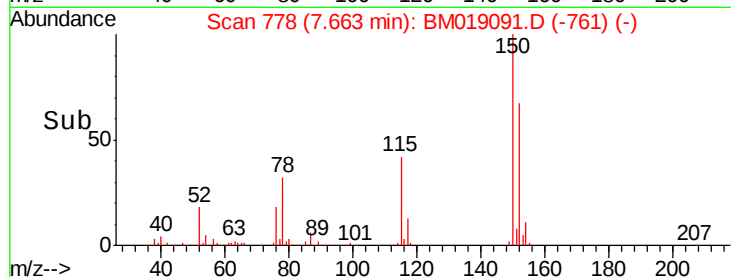


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

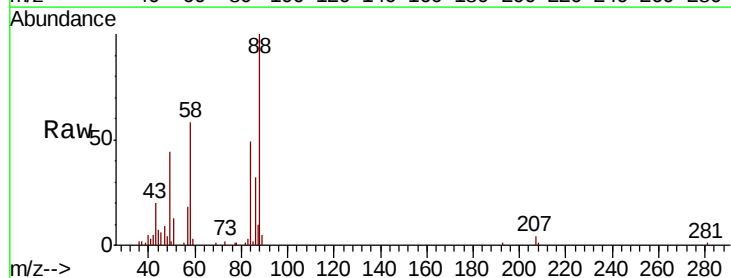
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 10.112 ng
RT: 3.23 min Scan# 24
Delta R.T. 0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	50.0	75.0
43	24.4	17.0	25.4

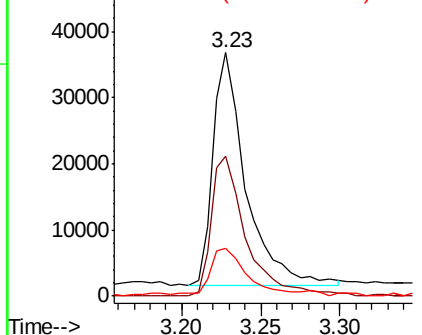
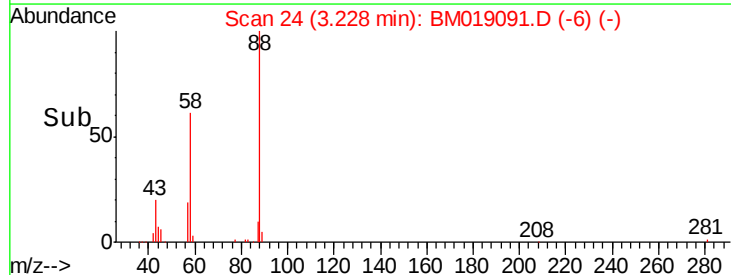


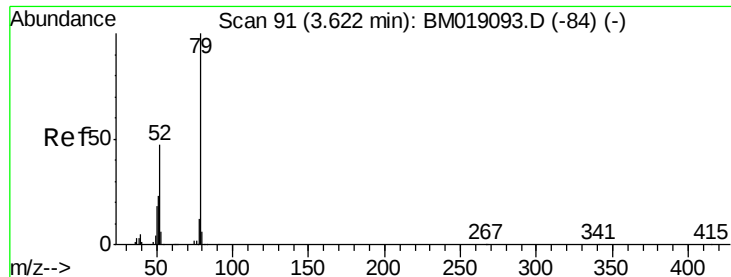
Abundance

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

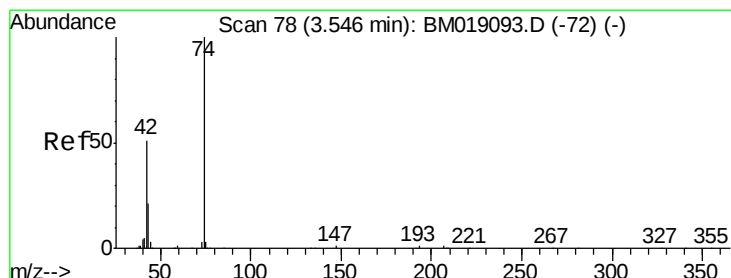
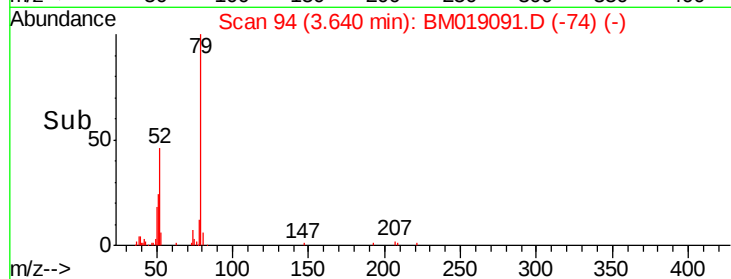
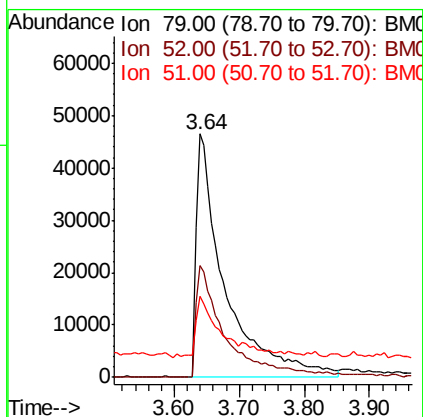
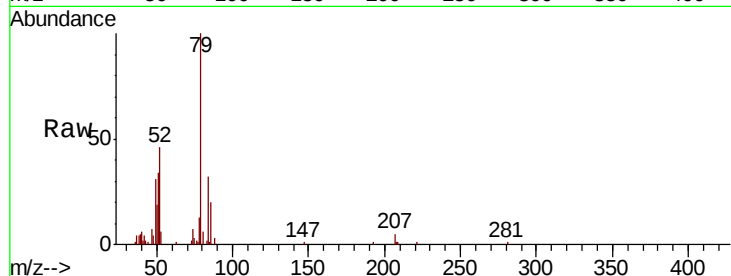




#3
 Pvridine
 Concen: 10.258 ng
 RT: 3.64 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

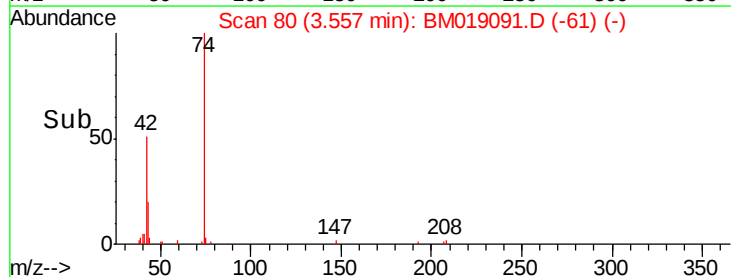
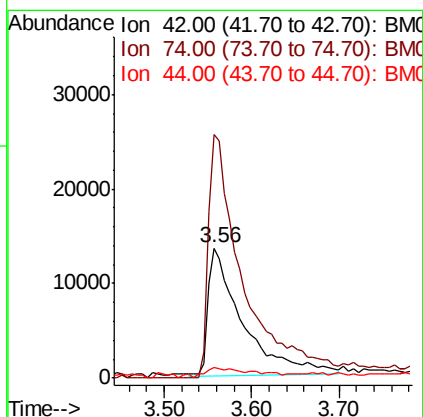
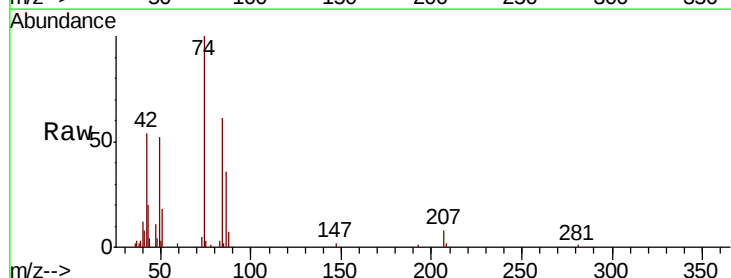
Instrument :
 BNA_M
 ClientSampleId :

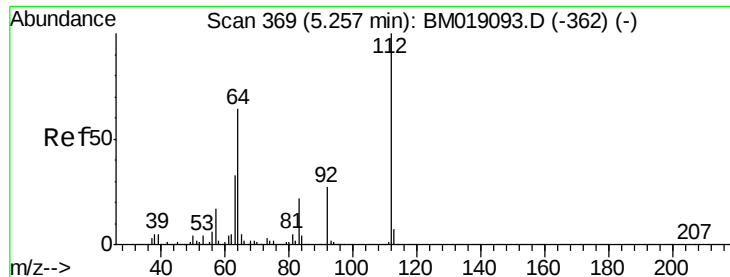
Tot Ion: 79 Resp: 141293
 Ion Ratio Lower Upper
 79 100
 52 46.1 37.5 56.3
 51 33.5 19.2 28.8#



#4
 n-Nitrosodimethylamine
 Concen: 10.532 ng
 RT: 3.56 min Scan# 80
 Delta R.T. 0.01 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Tgt Ion: 42 Resp: 36906
 Ion Ratio Lower Upper
 42 100
 74 186.8 156.3 234.5
 44 8.2 4.6 7.0#





#5

2-Fluorophenol

Concen: 19.332 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

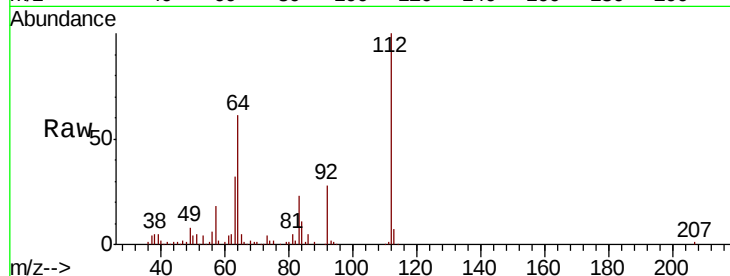
Tot Ion:112 Resp: 224131

Ion Ratio Lower Upper

112 100

64 60.6 51.4 77.0

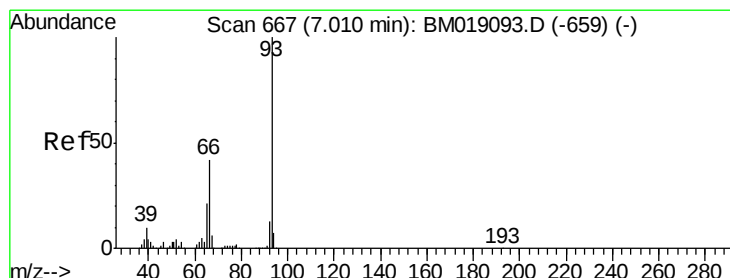
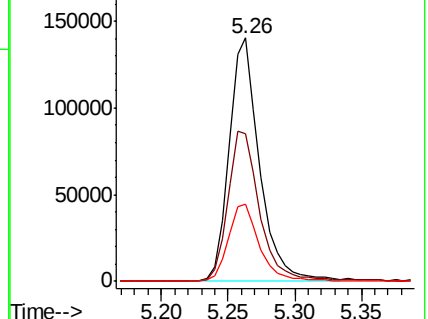
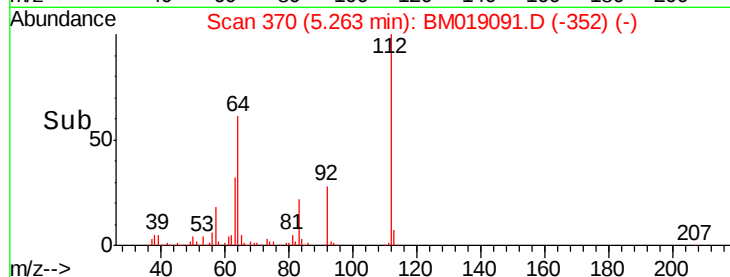
63 31.5 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 10.384 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

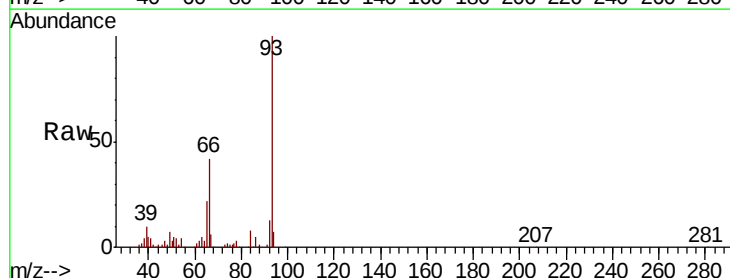
Tgt Ion: 93 Resp: 207806

Ion Ratio Lower Upper

93 100

66 41.7 33.4 50.2

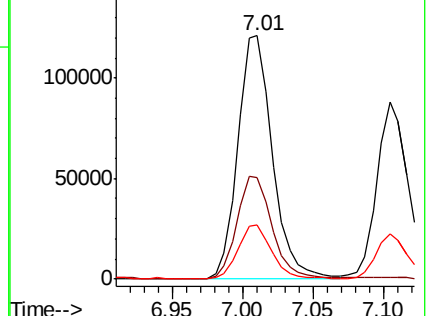
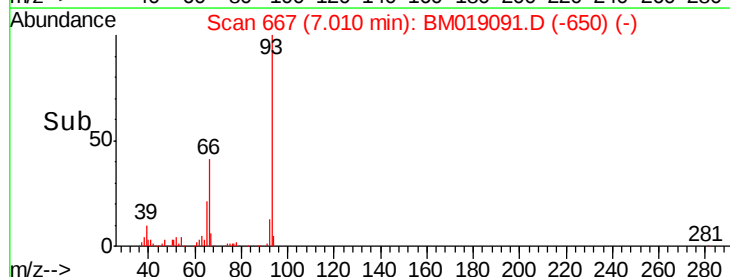
65 22.1 16.8 25.2

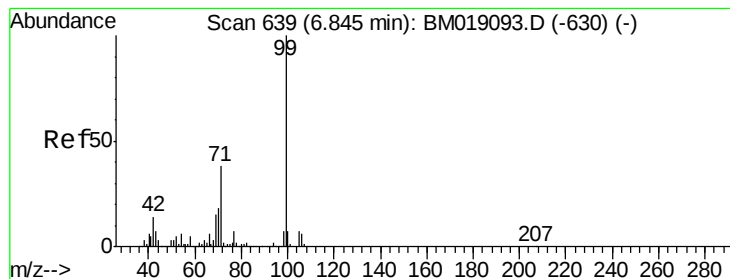


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 19.692 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

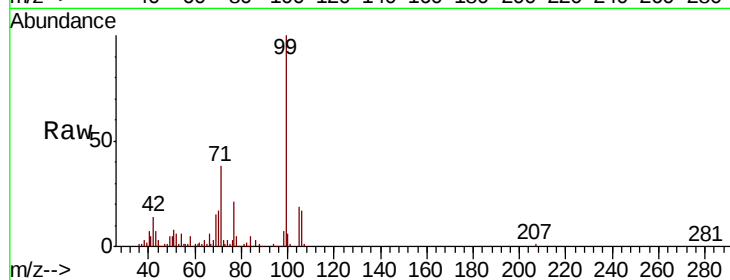
Tot Ion: 99 Resp: 321621

Ion Ratio Lower Upper

99 100

42 14.2 10.9 16.3

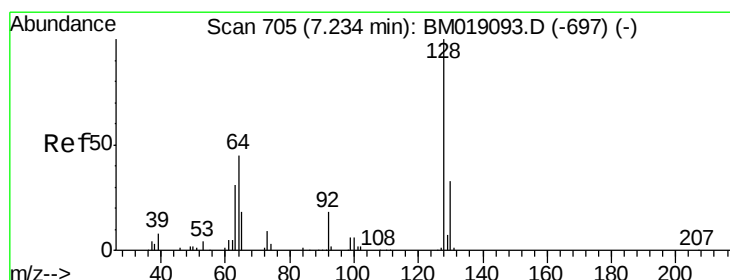
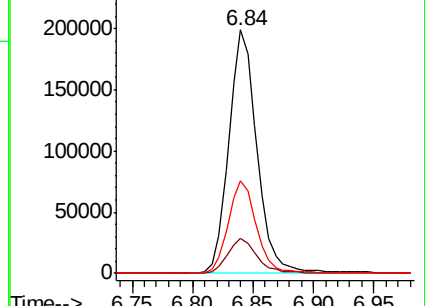
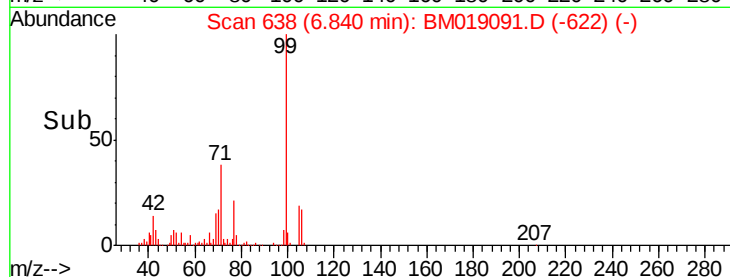
71 38.3 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019091.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019091.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019091.D (-630) (-)



#8

2-Chlorophenol

Concen: 10.697 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

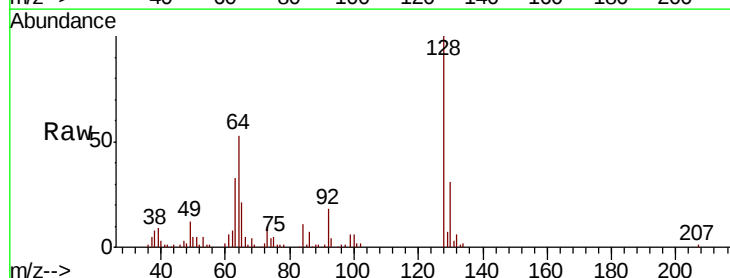
Tgt Ion: 128 Resp: 136166

Ion Ratio Lower Upper

128 100

130 31.3 12.8 52.8

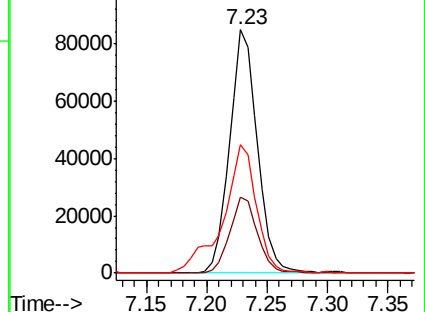
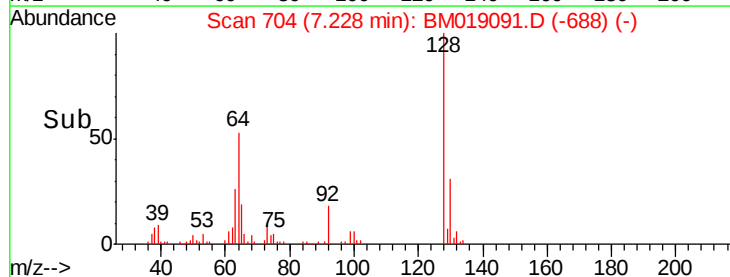
64 53.0 30.8 70.8

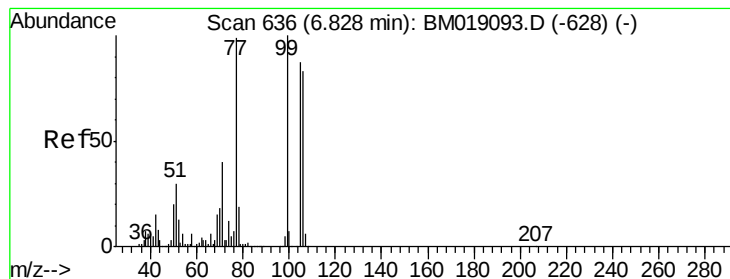


Abundance Ion 128.00 (127.70 to 128.70): BM019091.D (-688) (-)

Ion 130.00 (129.70 to 130.70): BM019091.D (-688) (-)

Ion 64.00 (63.70 to 64.70): BM019091.D (-688) (-)





#9

Benzaldehyde

Concen: 13.612 ng

RT: 6.83 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampled :

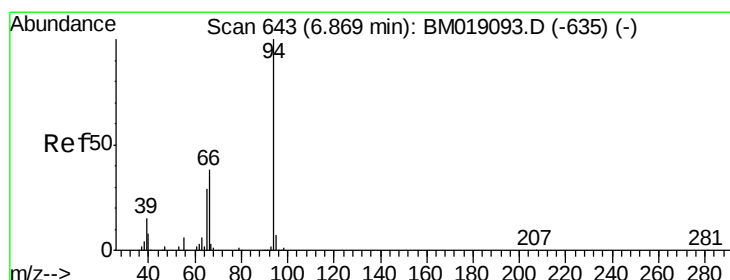
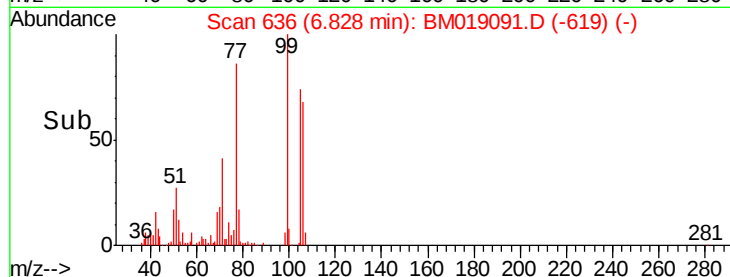
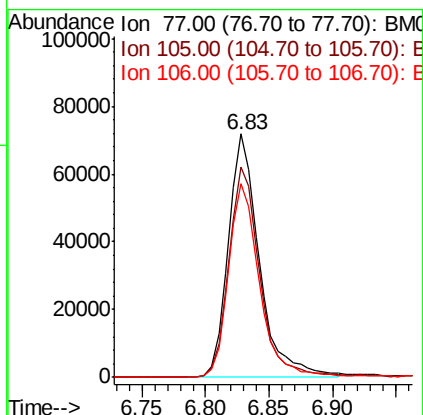
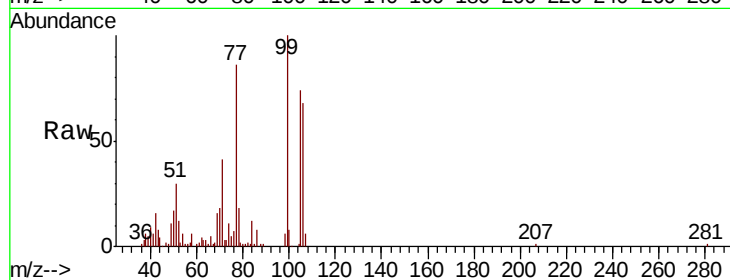
Tot Ion: 77 Resp: 121690

Ion Ratio Lower Upper

77 100

105 86.5 67.7 107.7

106 79.7 64.1 104.1



#10

Phenol

Concen: 10.206 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

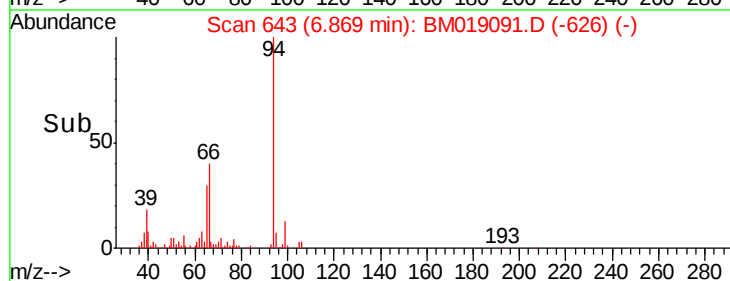
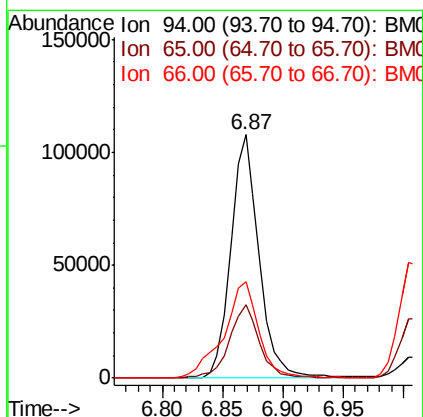
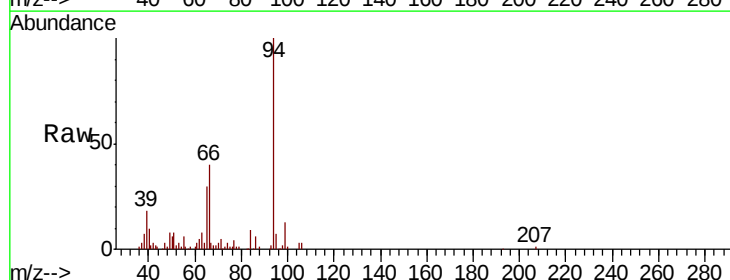
Tgt Ion: 94 Resp: 175394

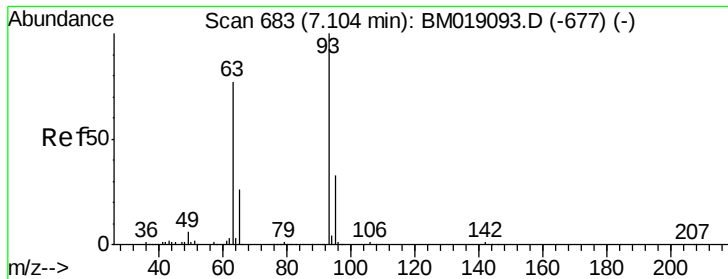
Ion Ratio Lower Upper

94 100

65 30.3 9.7 49.7

66 39.7 19.2 59.2

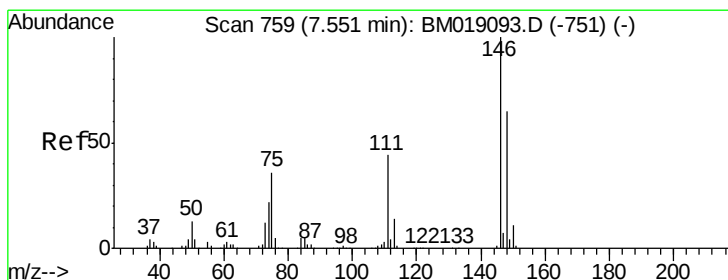
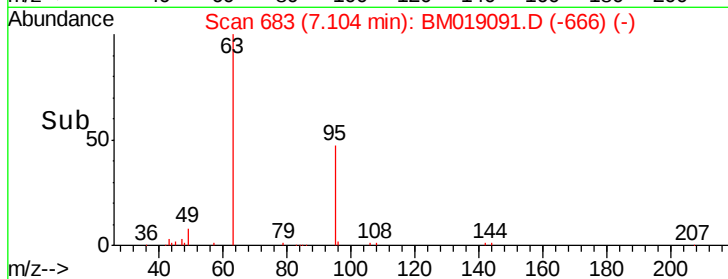
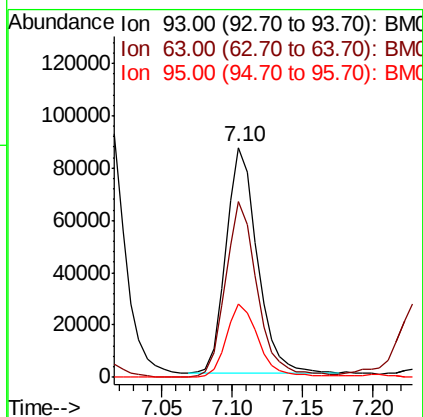
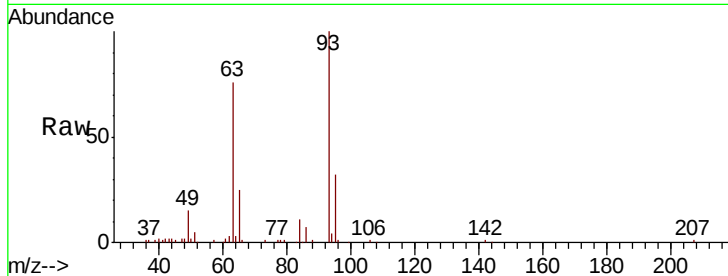




#11
bis(2-Chloroethyl)ether
Concen: 10.195 ng
RT: 7.10 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

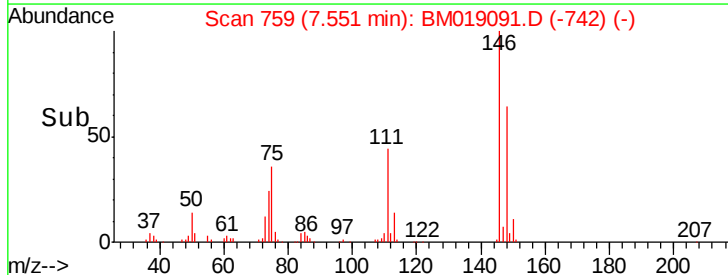
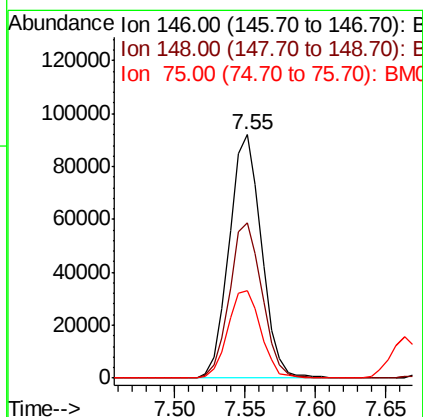
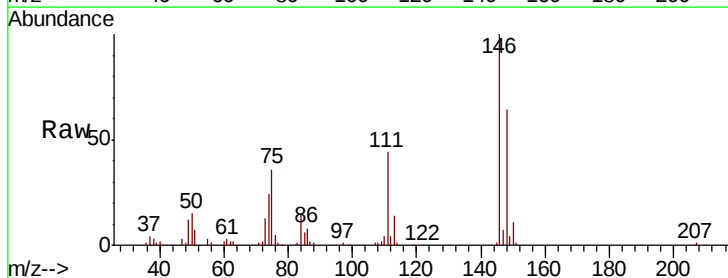
Instrument :
BNA_M
ClientSampleId :

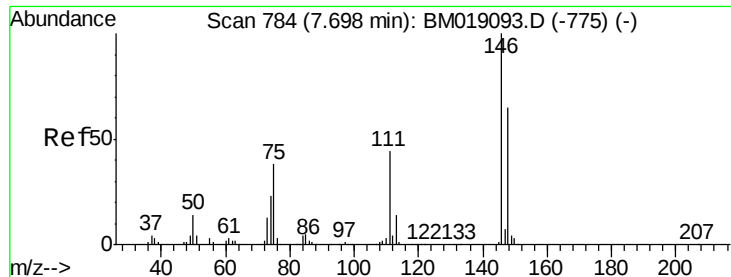
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.3	56.6	96.6
95	32.0	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 10.221 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
75	35.8	29.1	43.7

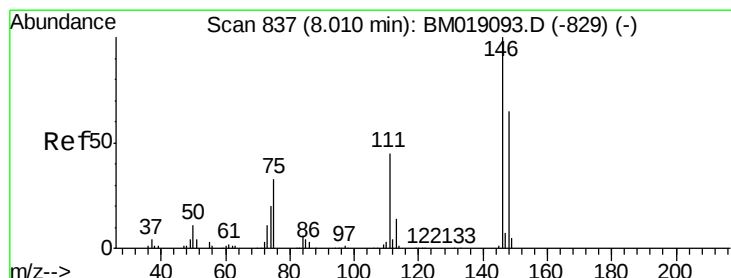
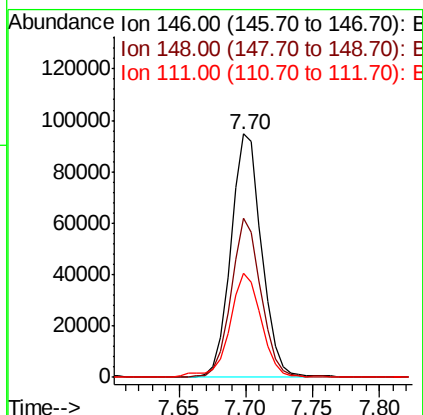
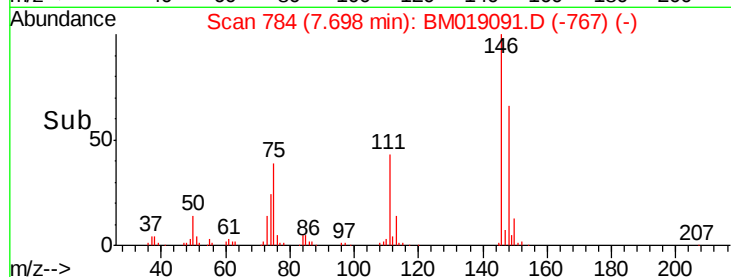
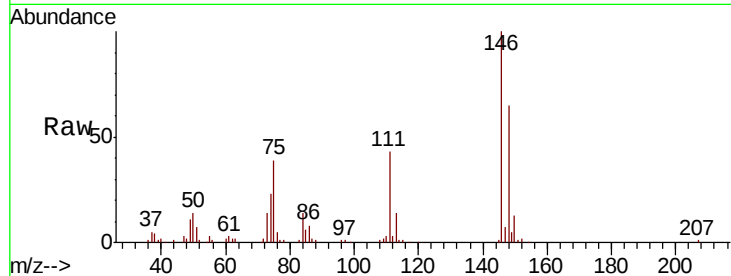




#13
 1,4-Dichlorobenzene
 Concen: 10.406 ng
 RT: 7.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

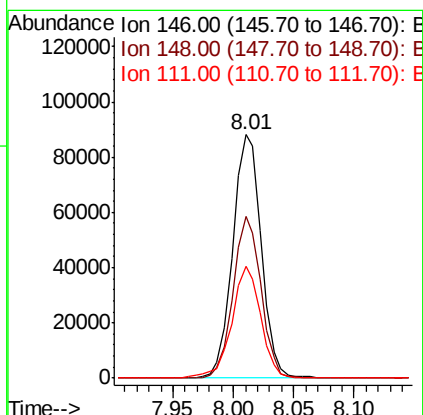
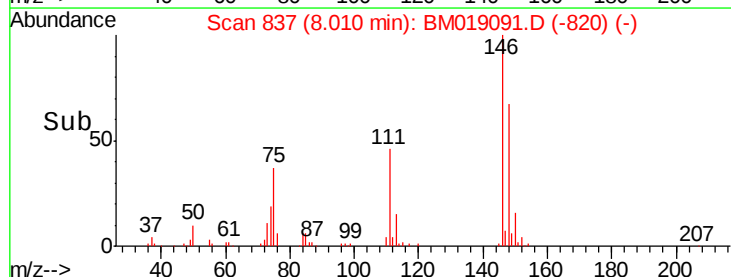
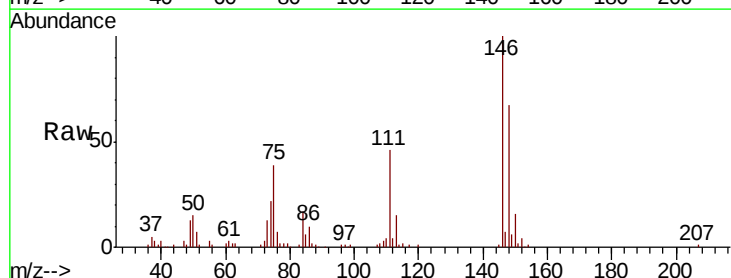
Instrument :
 BNA_M
 ClientSampleId :

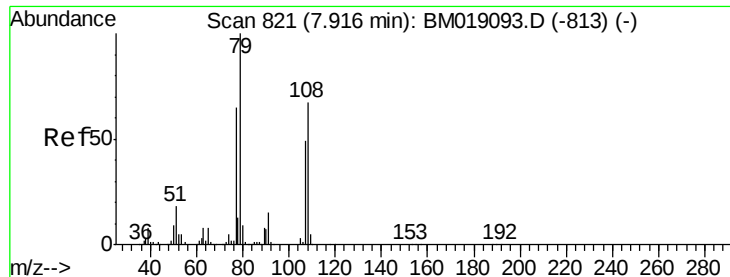
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.6
111	42.7	35.4	53.0



#14
 1,2-Dichlorobenzene
 Concen: 10.347 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.8	77.6
111	45.9	36.2	54.4





#15

Benzyl Alcohol

Concen: 9.970 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampled :

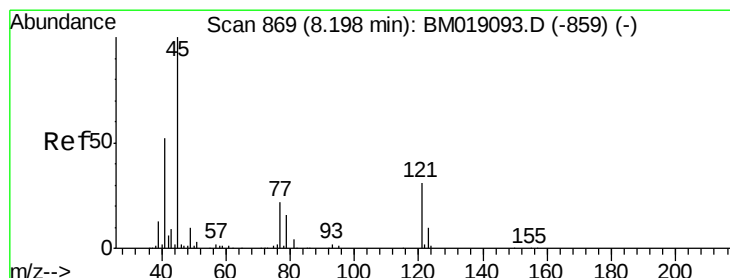
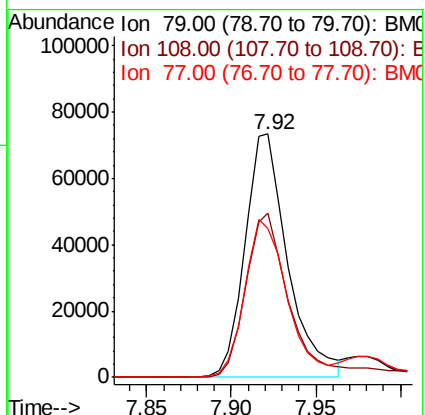
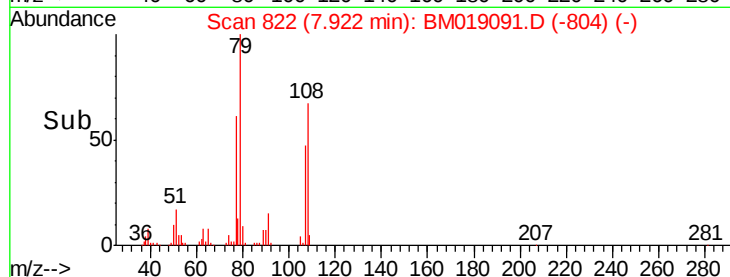
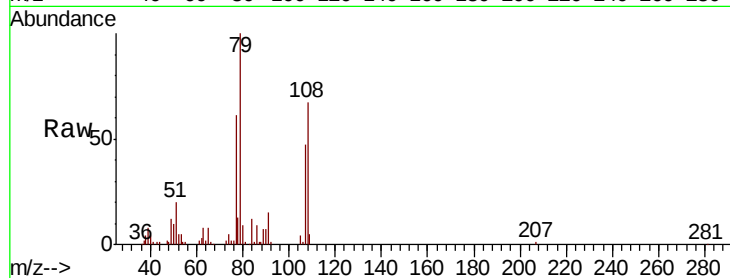
Tot Ion: 79 Resp: 129395

Ion Ratio Lower Upper

79 100

108 67.4 53.7 80.5

77 61.3 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.142 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

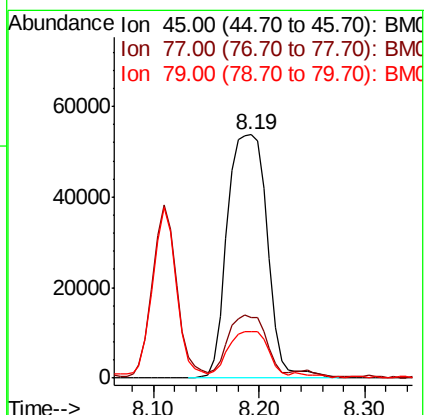
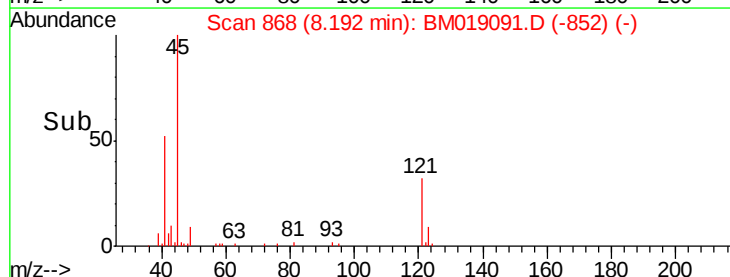
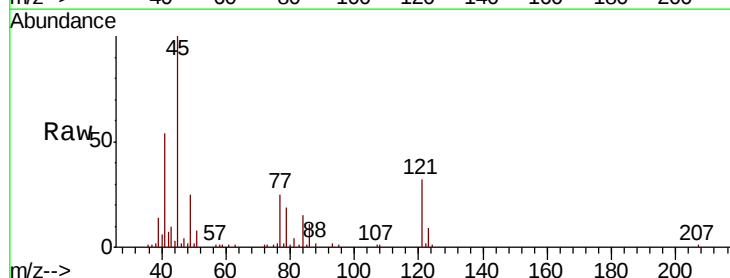
Tgt Ion: 45 Resp: 141364

Ion Ratio Lower Upper

45 100

77 25.0 4.1 44.1

79 18.9 0.0 38.1

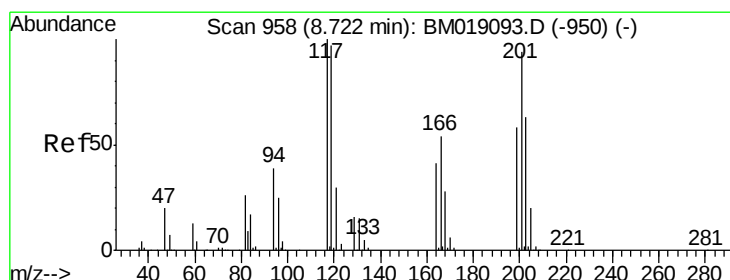
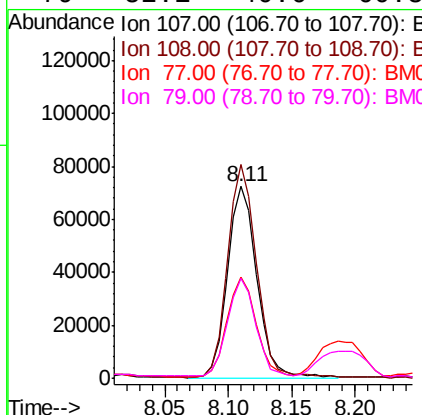
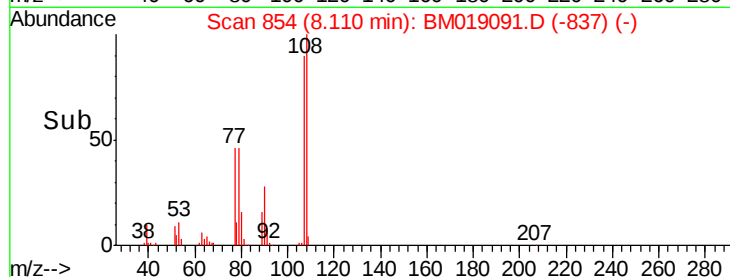
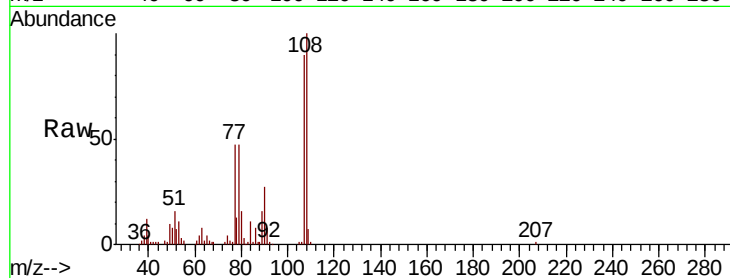




#17
2-Methylphenol
Concen: 10.705 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

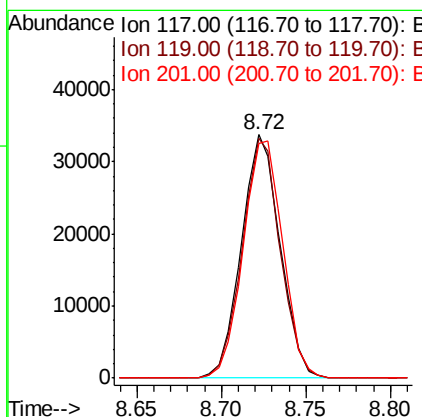
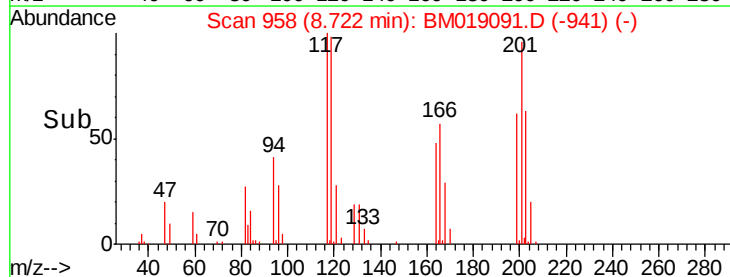
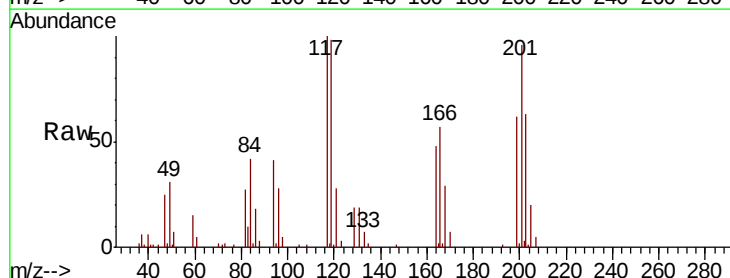
Instrument :
BNA_M
ClientSampleId :

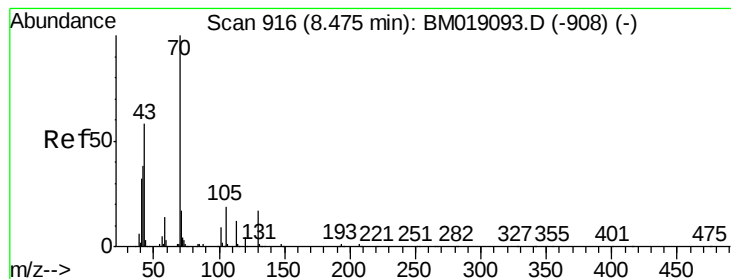
Tot Ion:	107	Resp:	117092
Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.4	131.2
77	52.8	41.6	62.4
79	52.1	40.6	60.8



#18
Hexachloroethane
Concen: 10.101 ng
RT: 8.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion:	117	Resp:	53729
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.4	116.2
201	96.4	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 10.537 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 133254

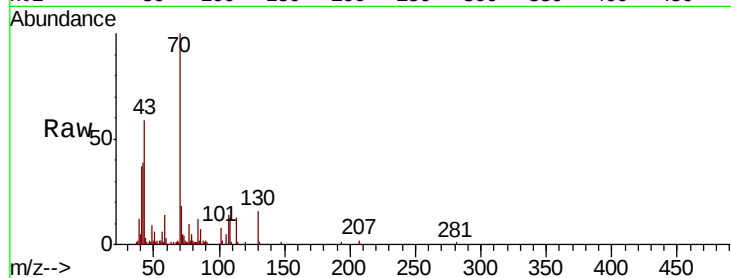
Ion Ratio Lower Upper

70 100

42 38.7 30.6 45.8

101 8.2 6.8 10.2

130 16.1 13.9 20.9



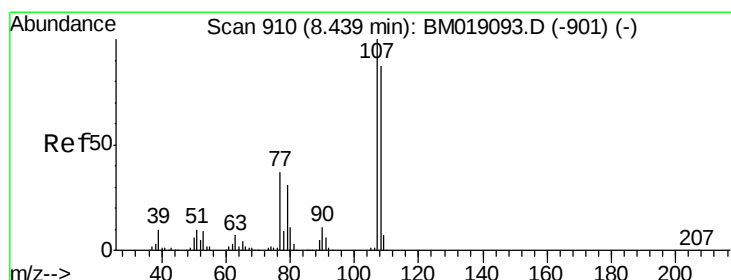
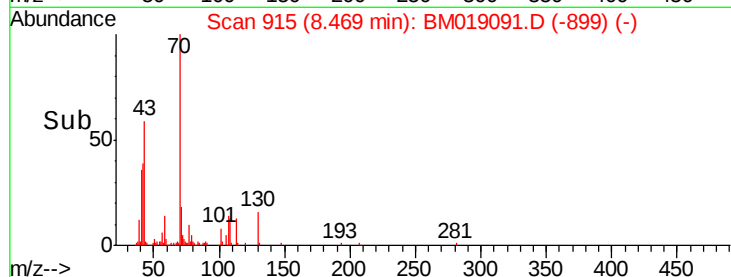
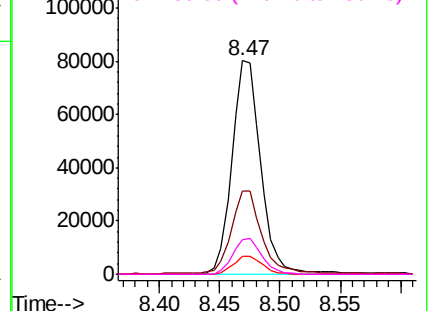
Abundance

Ion 70.00 (69.70 to 70.70): BM019091.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM019091.D (-908) (-)

Ion 101.00 (100.70 to 101.70): BM019091.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM019091.D (-908) (-)



#20

3+4-Methylphenols

Concen: 10.234 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Tgt Ion:107 Resp: 154575

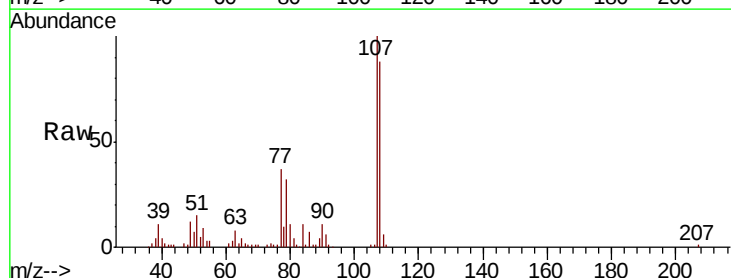
Ion Ratio Lower Upper

107 100

108 87.9 67.0 107.0

77 37.4 17.3 57.3

79 32.1 11.6 51.6



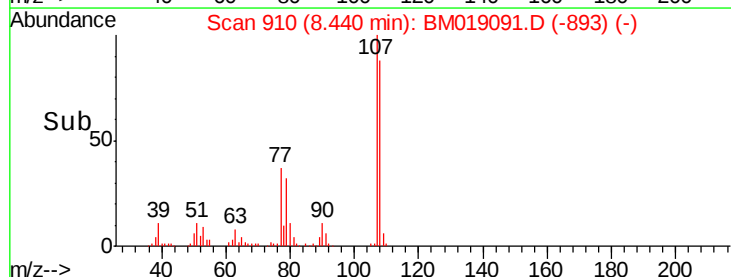
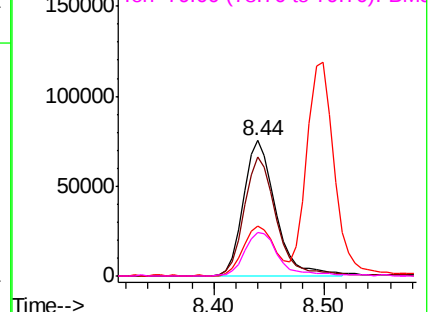
Abundance

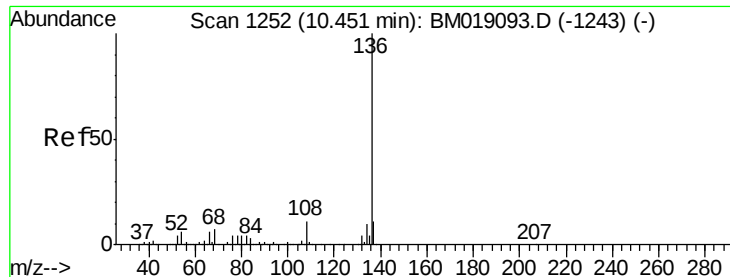
Ion 107.00 (106.70 to 107.70): BM019091.D (-901) (-)

Ion 108.00 (107.70 to 108.70): BM019091.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM019091.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM019091.D (-901) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 869334

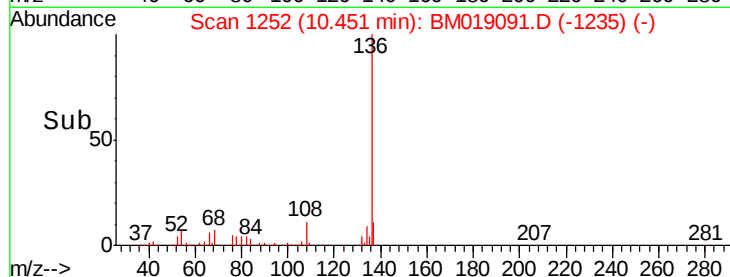
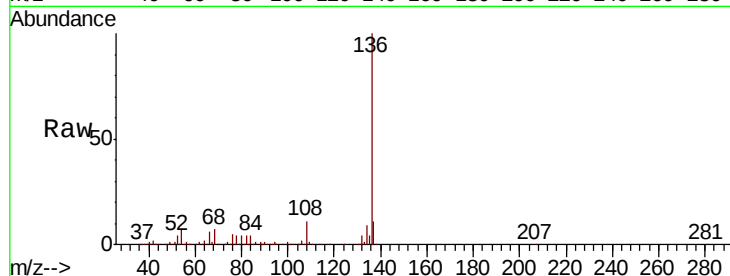
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.9 5.2 7.8

68 7.2 5.8 8.8

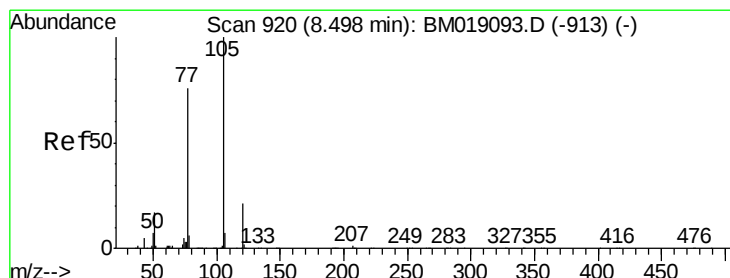
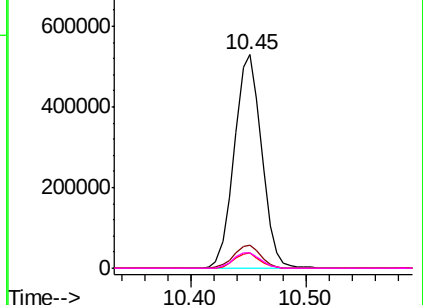


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 9.860 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Tgt Ion:105 Resp: 235392

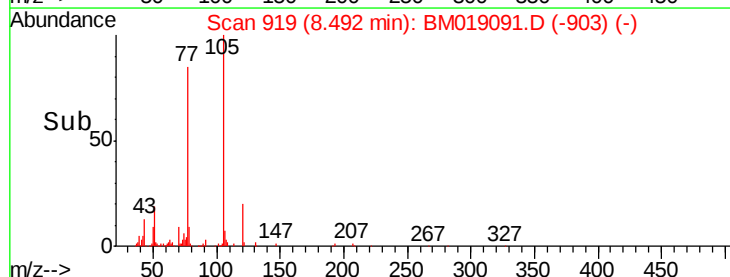
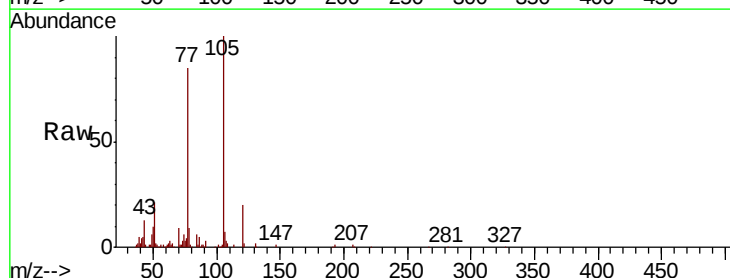
Ion Ratio Lower Upper

105 100

71 1.5 0.8 1.2#

51 21.2 15.8 23.6

120 20.3 17.0 25.4

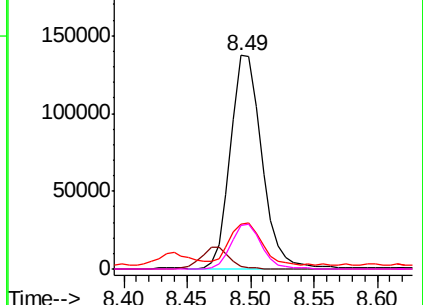


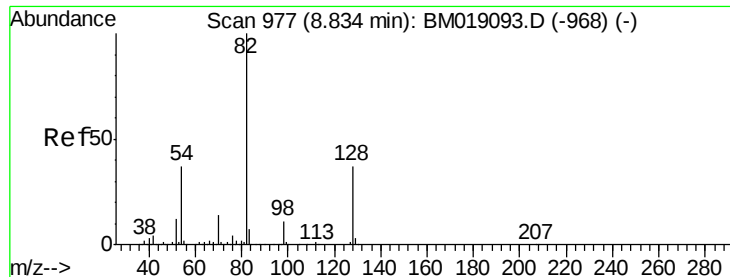
Abundance Ion 105.00 (104.70 to 105.70): E

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

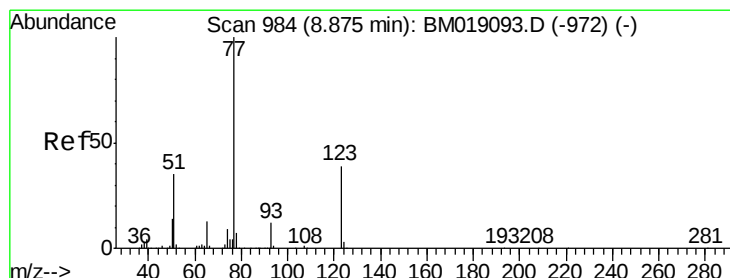
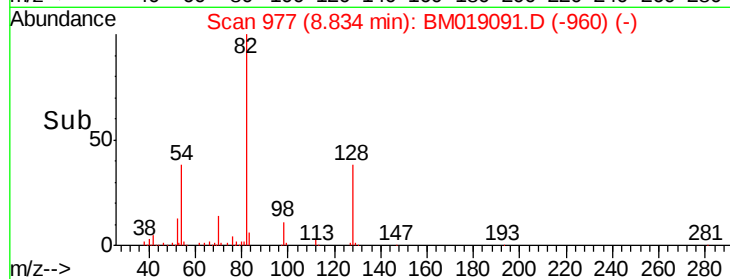
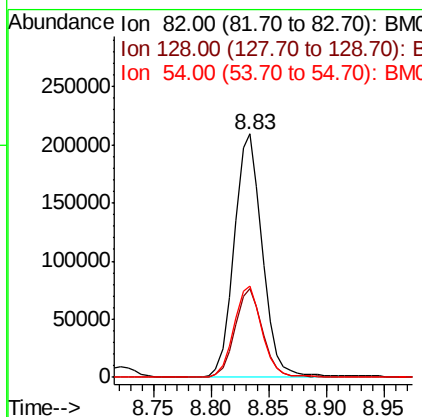
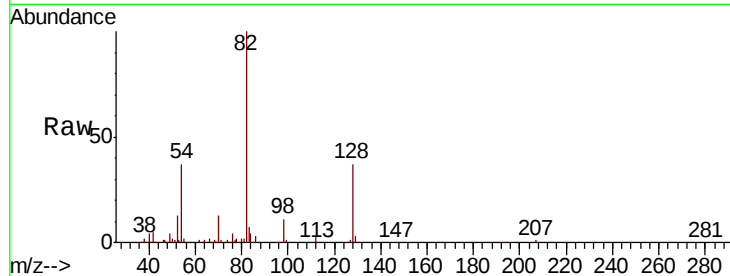




#23
 Nitrobenzene-d5
 Concen: 18.836 ng
 RT: 8.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

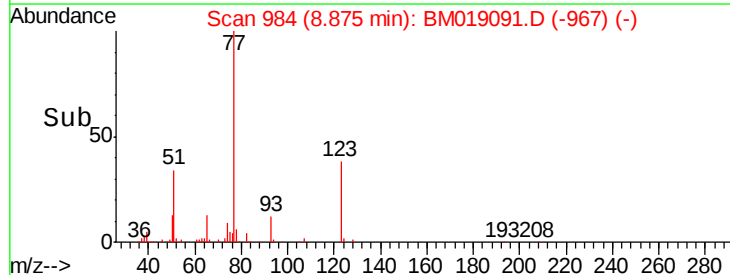
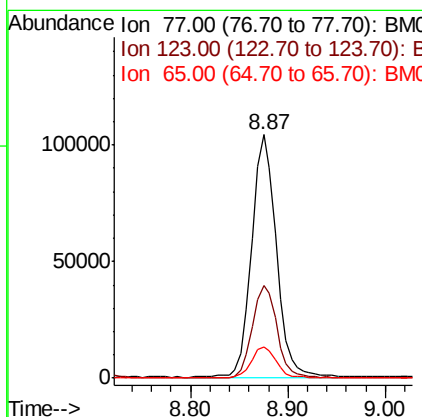
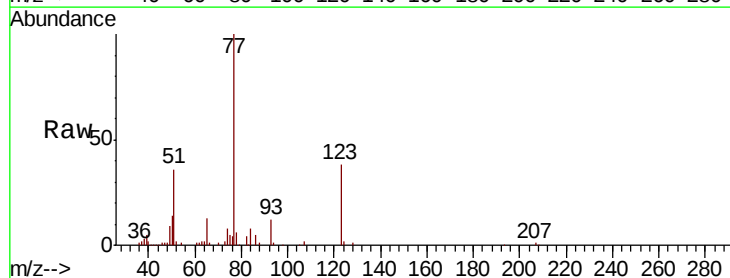
Instrument :
 BNA_M
 ClientSampled :

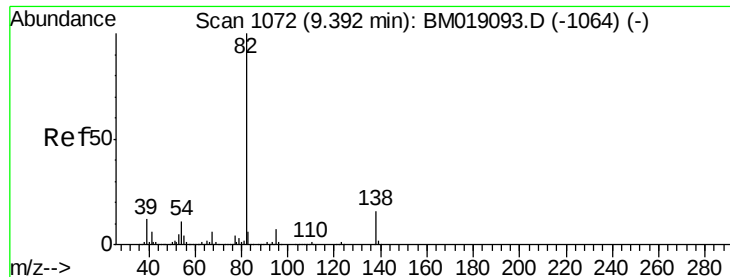
Tot Ion	82	Resp	354127
Ion Ratio	Lower	Upper	
82	100		
128	36.5	29.4	44.2
54	37.4	29.9	44.9



#24
 Nitrobenzene
 Concen: 9.451 ng
 RT: 8.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Tgt Ion	77	Resp	184439
Ion Ratio	Lower	Upper	
77	100		
123	37.9	31.3	46.9
65	13.0	10.5	15.7





#25

Isophorone

Concen: 11.152 ng

RT: 9.39 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampled :

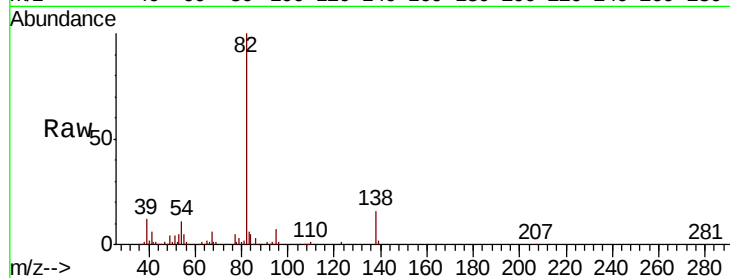
Tot Ion: 82 Resp: 334548

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

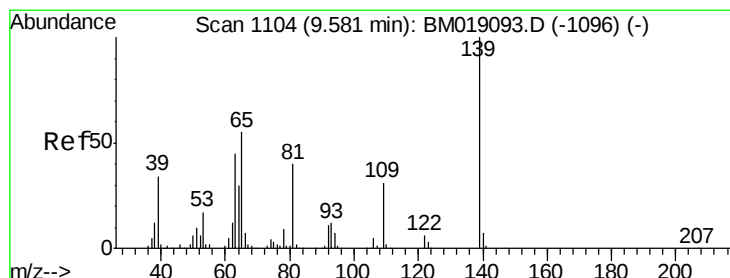
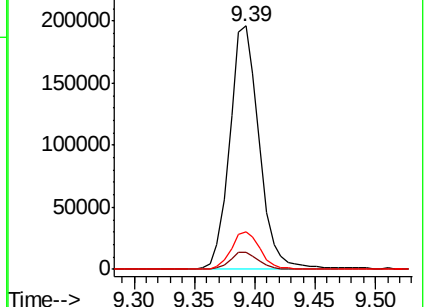
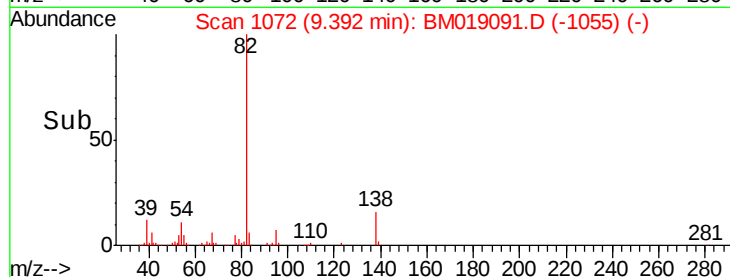
138 15.7 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019091.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019091.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019091.D (-1064) (-)



#26

2-Nitrophenol

Concen: 9.330 ng

RT: 9.58 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

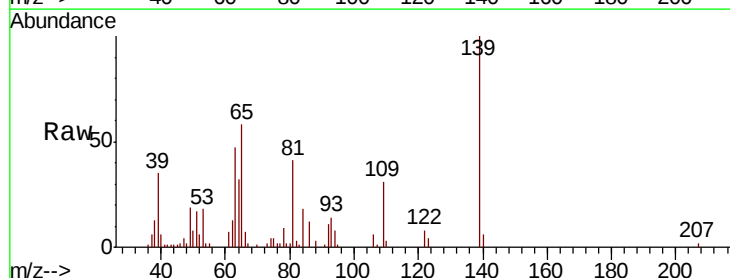
Tgt Ion: 139 Resp: 72513

Ion Ratio Lower Upper

139 100

109 31.2 24.5 36.7

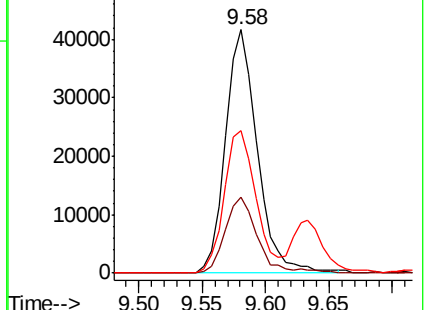
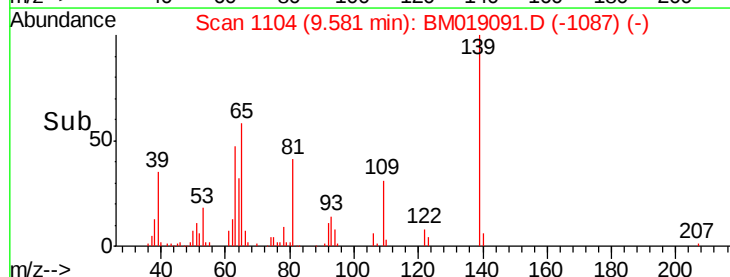
65 58.4 44.4 66.6



Abundance Ion 139.00 (138.70 to 139.70): BM019091.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019091.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019091.D (-1096) (-)

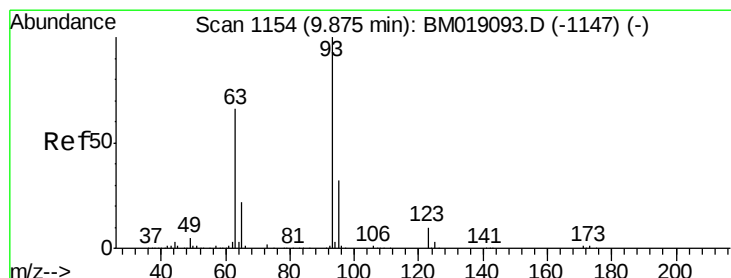
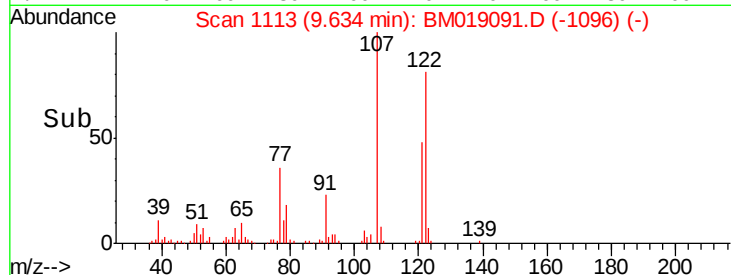
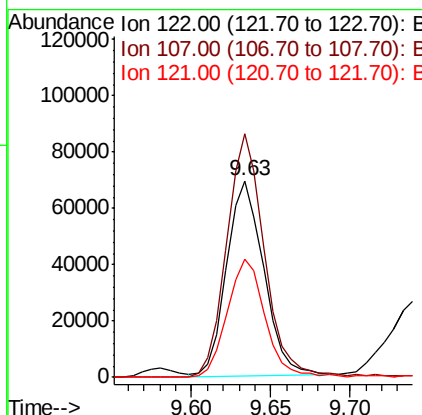
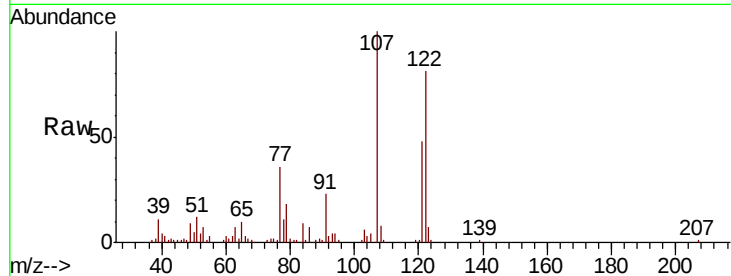




#27
2,4-Dimethylphenol
Concen: 9.872 ng
RT: 9.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

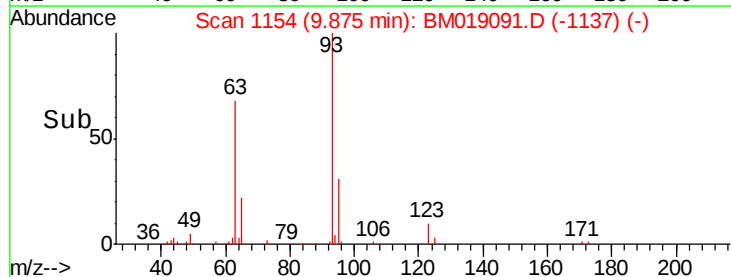
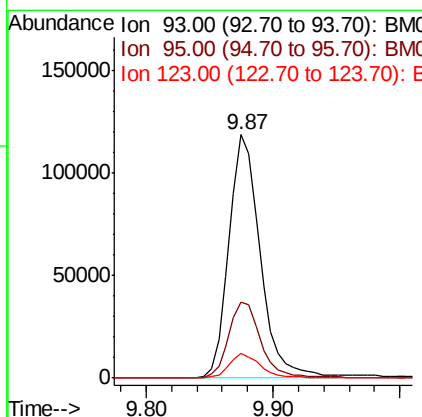
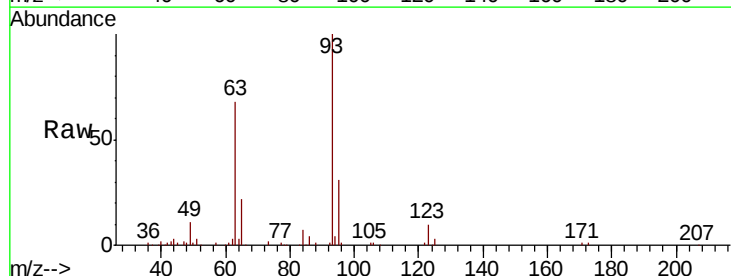
Instrument :
BNA_M
ClientSampled :

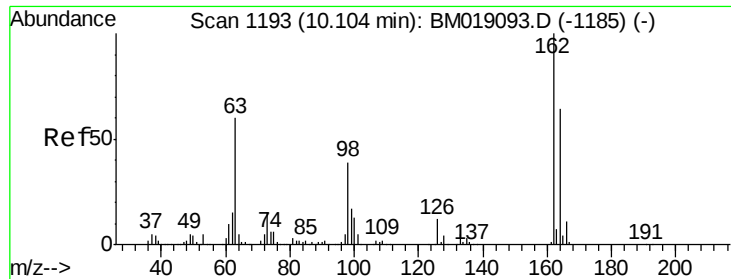
Tot Ion:122 Resp: 112060
Ion Ratio Lower Upper
122 100
107 124.0 98.2 147.4
121 60.0 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 10.474 ng
RT: 9.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion: 93 Resp: 203184
Ion Ratio Lower Upper
93 100
95 31.3 25.8 38.8
123 10.2 7.9 11.9

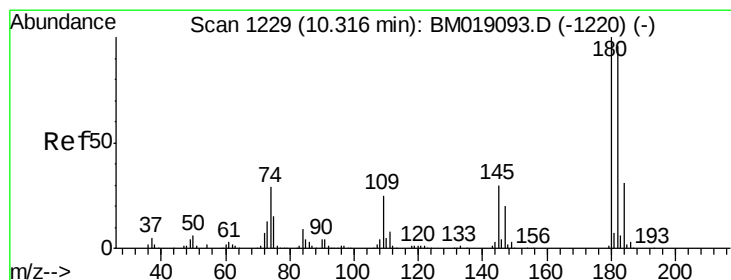
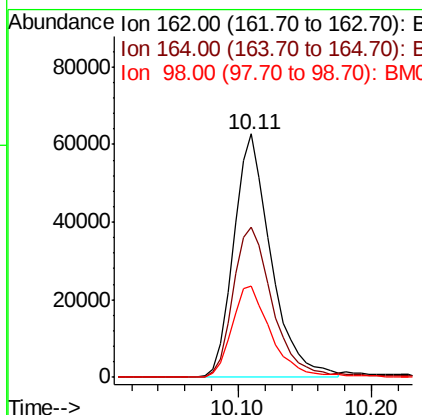
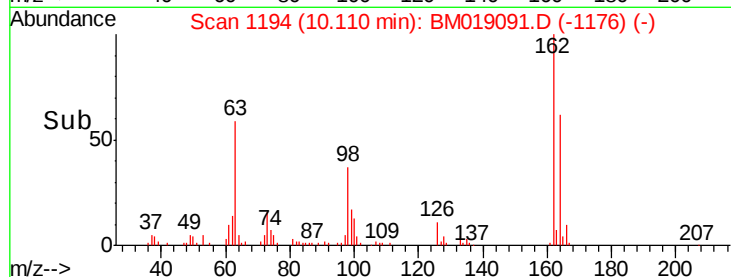
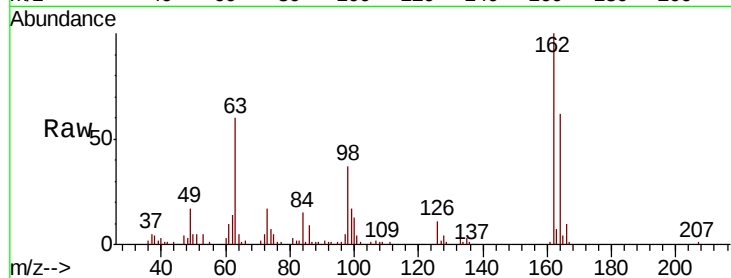




#29
2,4-Dichlorophenol
Concen: 9.335 ng
RT: 10.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

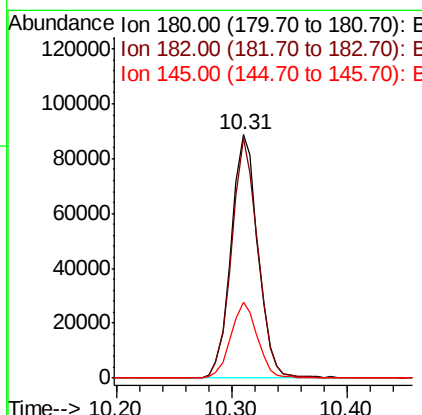
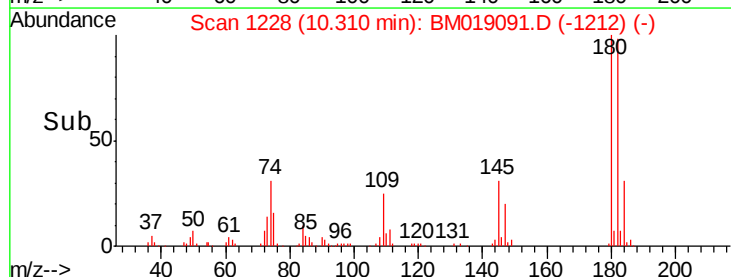
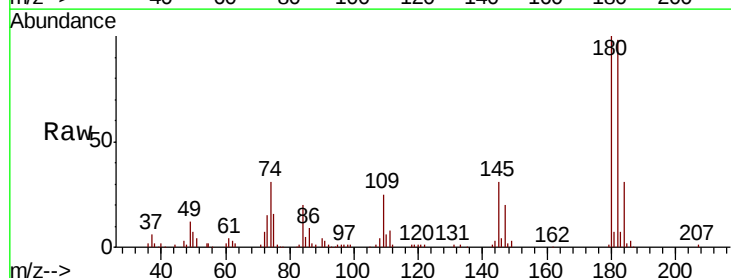
Instrument :
BNA_M
ClientSampleId :

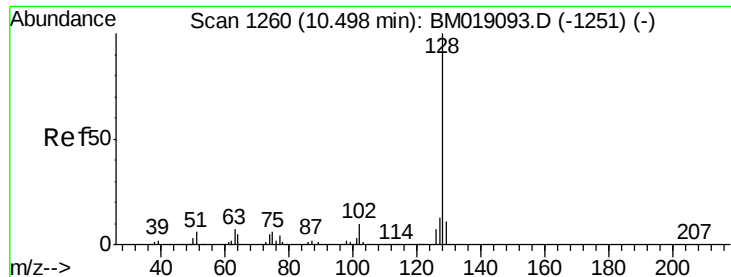
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.5	83.5
98	37.3	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 9.506 ng
RT: 10.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.6	114.8
145	31.4	24.3	36.5

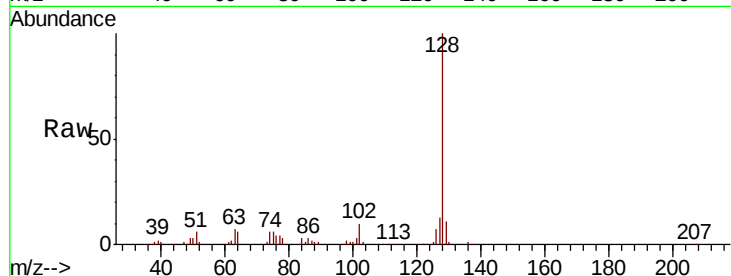




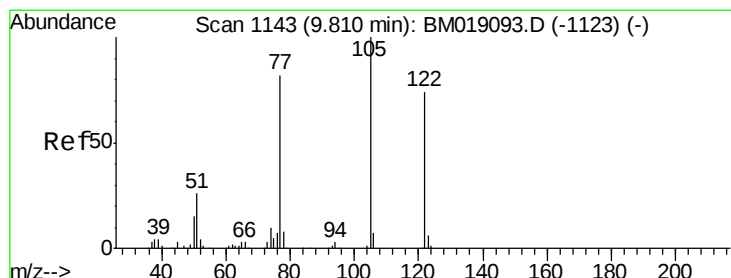
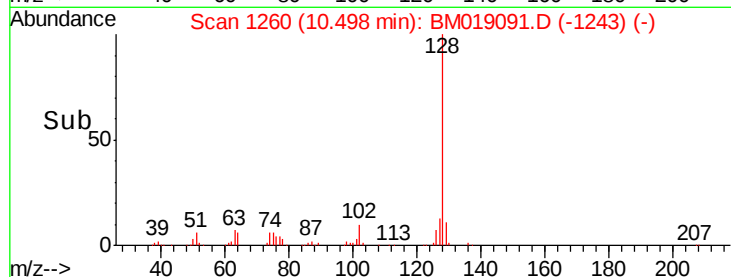
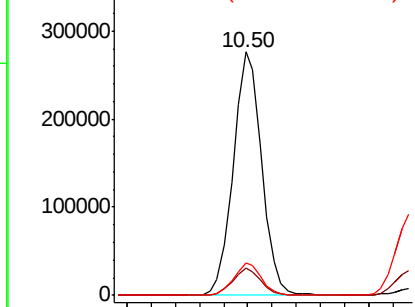
#31
Naphthalene
Concen: 10.668 ng
RT: 10.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 452305
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.4 15.6

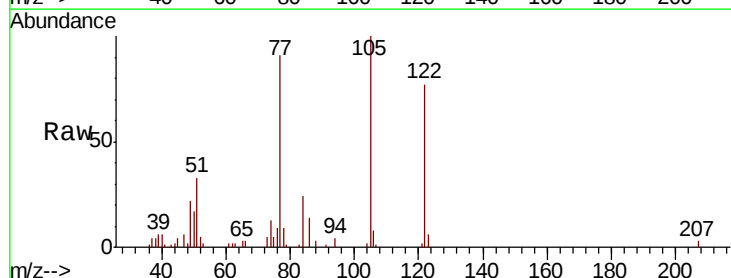


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

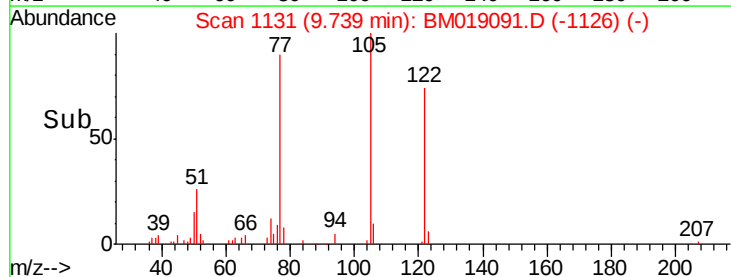
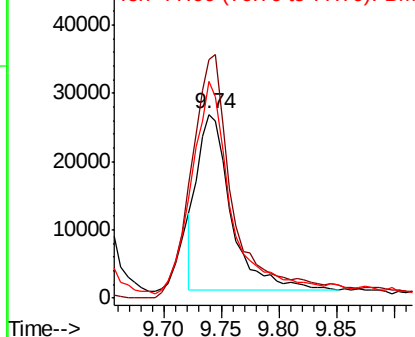


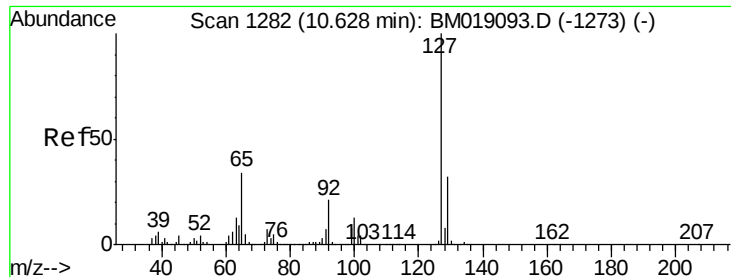
#32
Benzoic acid
Concen: 5.281 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.07 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion:122 Resp: 52295
Ion Ratio Lower Upper
122 100
105 129.9 113.0 153.0
77 117.9 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): BM

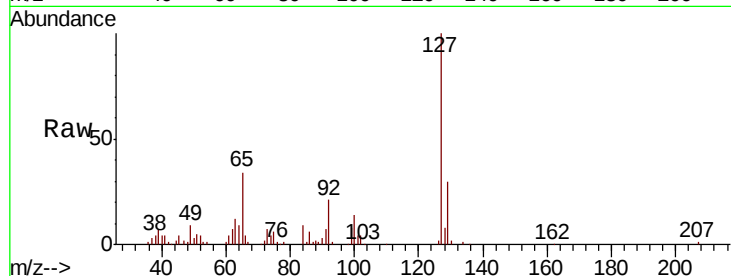




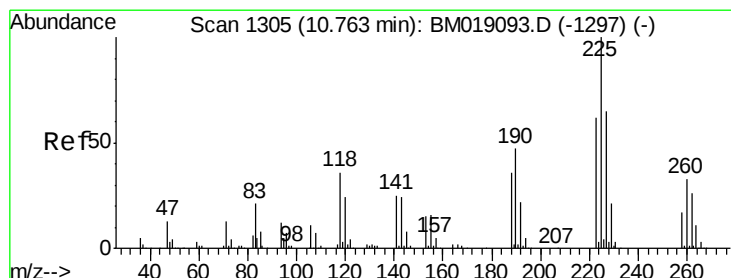
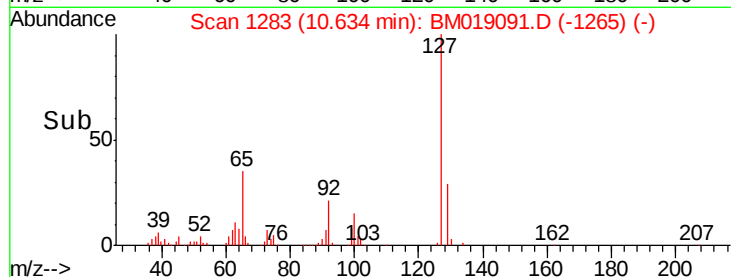
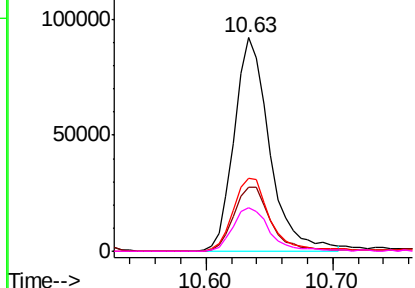
#33
4-Chloroaniline
Concen: 9.428 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	178688
Ion	Ratio	Lower	Upper
127	100		
129	30.1	25.3	37.9
65	34.2	27.4	41.2
92	20.7	16.8	25.2

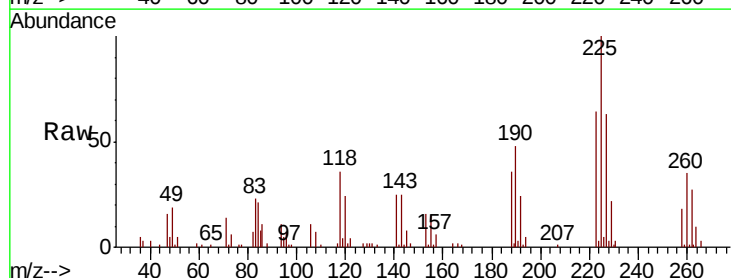


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

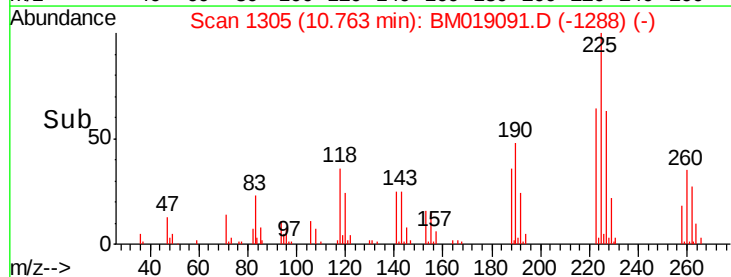
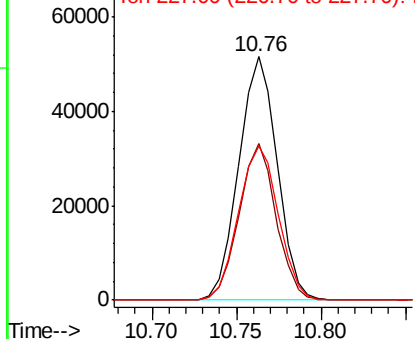


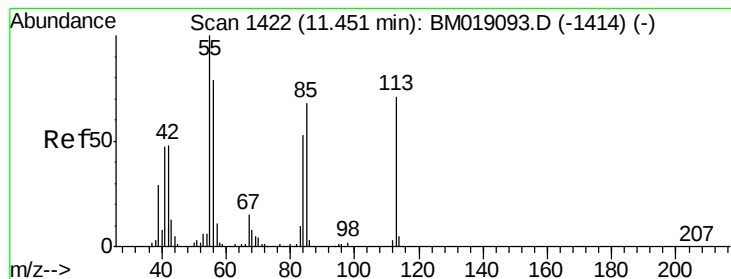
#34
Hexachlorobutadiene
Concen: 9.353 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion:	225	Resp:	81718
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	63.3	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: 7.645 ng

RT: 11.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

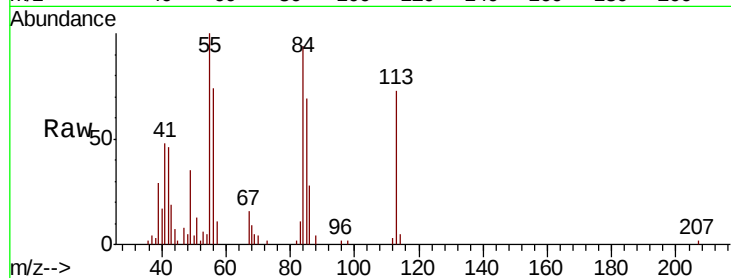
Tot Ion:113 Resp: 40665

Ion Ratio Lower Upper

113 100

55 136.6 120.1 160.1

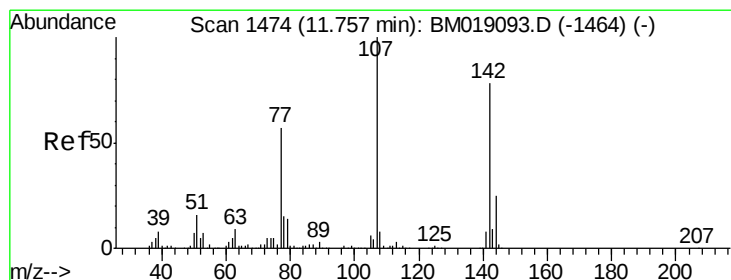
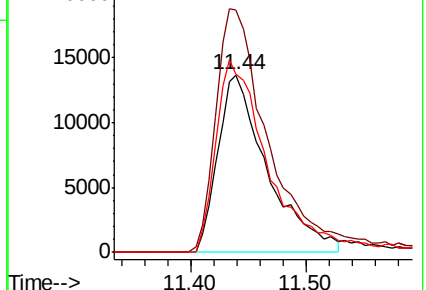
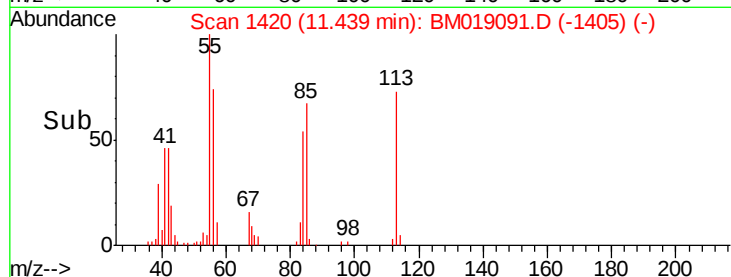
56 101.1 90.1 130.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 9.802 ng

RT: 11.75 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

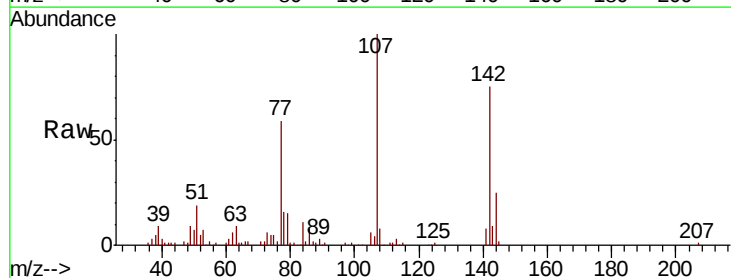
Tgt Ion:107 Resp: 154026

Ion Ratio Lower Upper

107 100

144 24.8 20.2 30.4

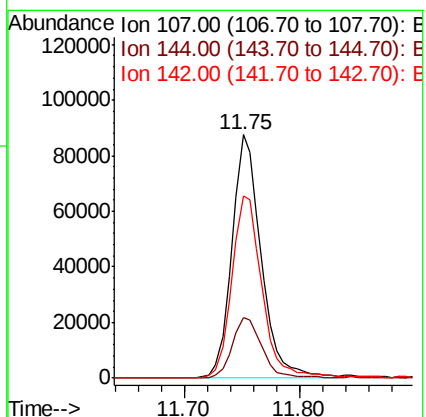
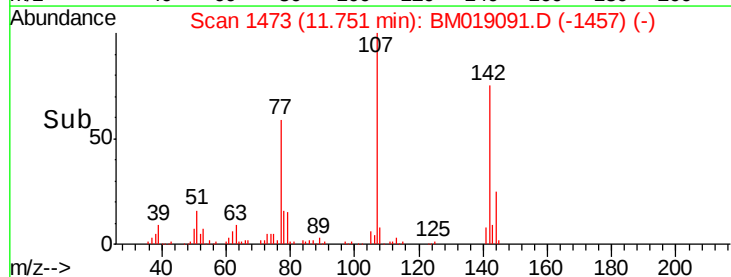
142 75.1 62.4 93.6

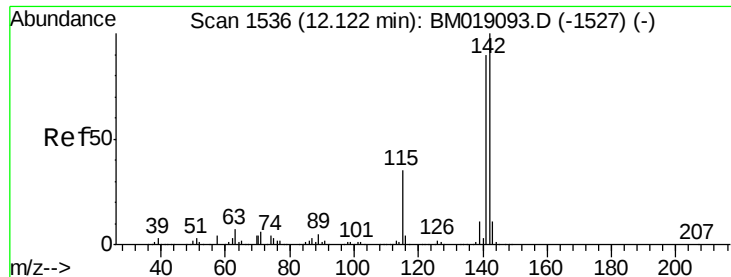


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

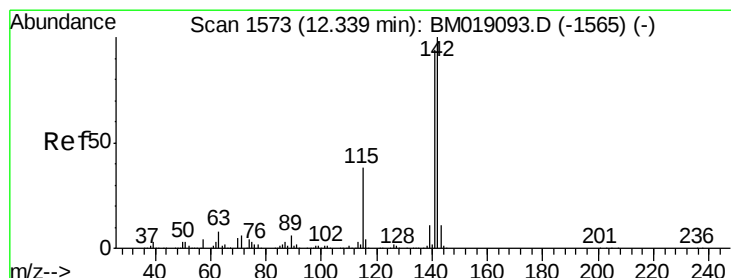
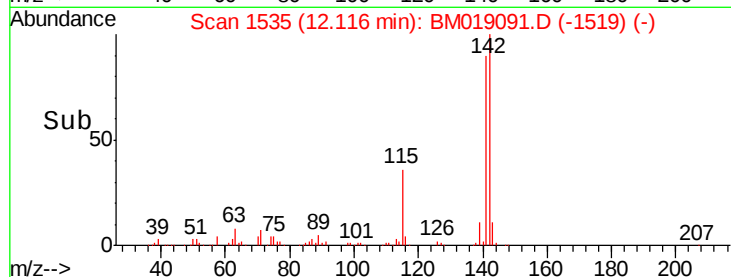
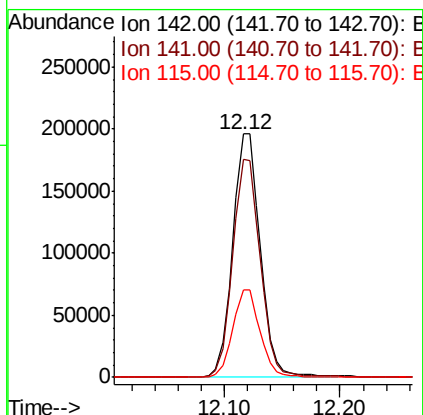
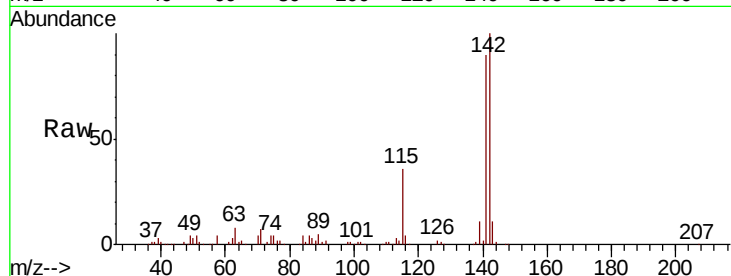




#37
2-Methylnaphthalene
Concen: 10.889 ng
RT: 12.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

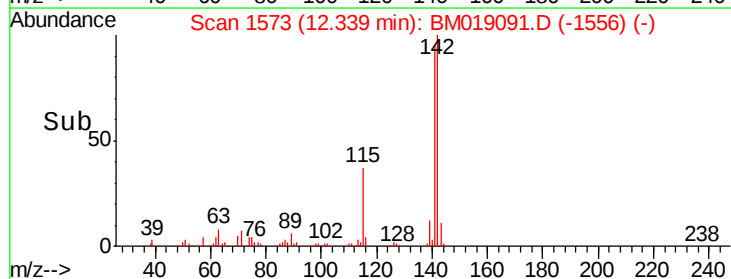
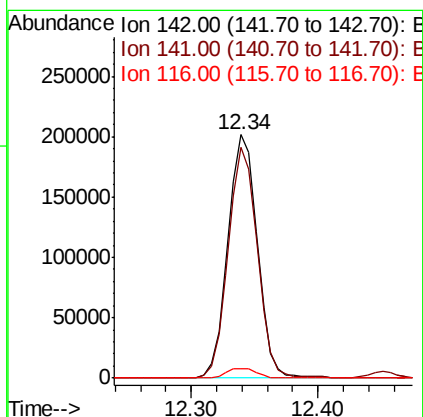
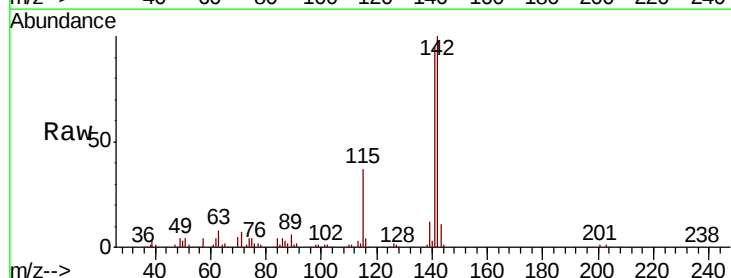
Instrument :
BNA_M
ClientSampleId :

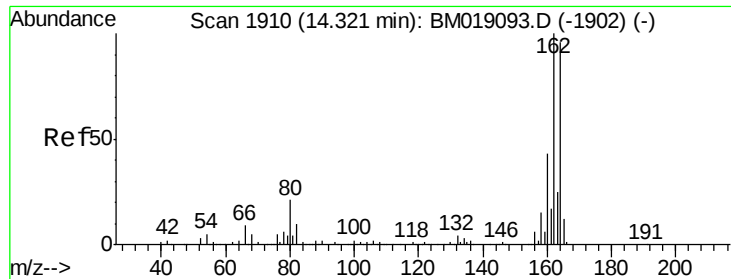
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.3	108.5
115	36.2	27.8	41.8



#38
1-Methylnaphthalene
Concen: 11.087 ng
RT: 12.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	74.9	112.3
116	4.1	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

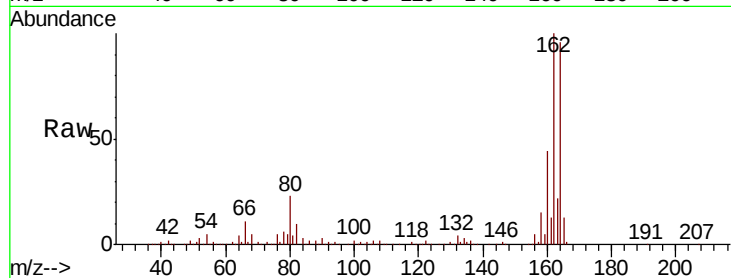
Tot Ion:164 Resp: 531115

Ion Ratio Lower Upper

164 100

162 103.7 83.5 125.3

160 45.8 36.3 54.5

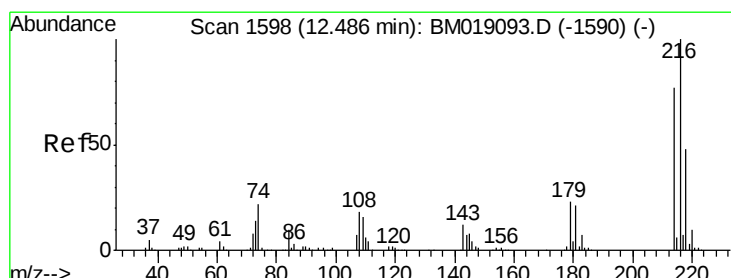
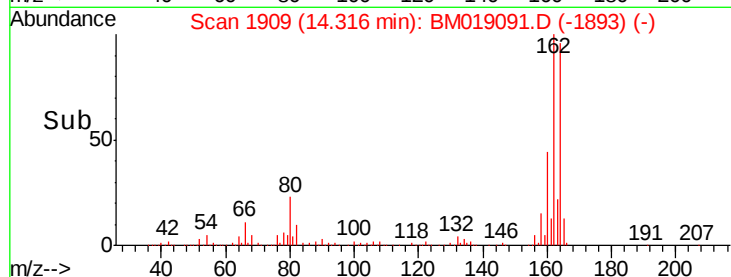
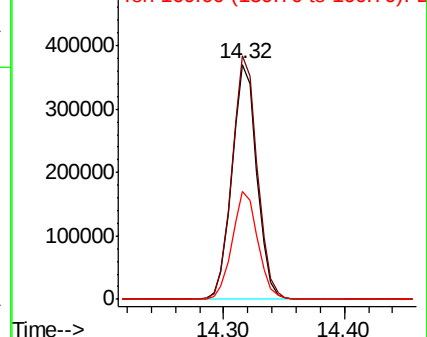


Abundance

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: 9.445 ng

RT: 12.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Tgt Ion:216 Resp: 160472

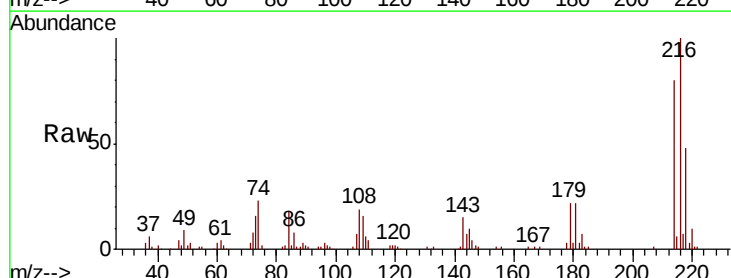
Ion Ratio Lower Upper

216 100

214 79.3 62.9 94.3

179 22.6 18.0 27.0

108 20.1 16.2 24.4



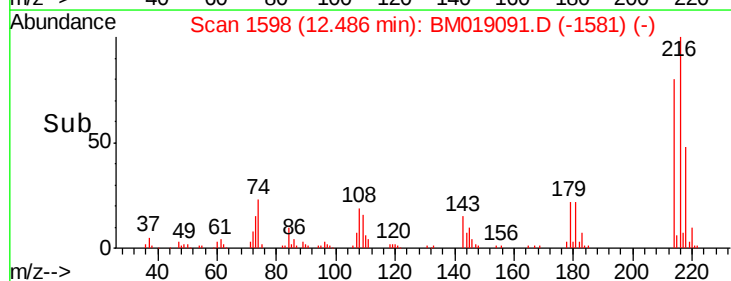
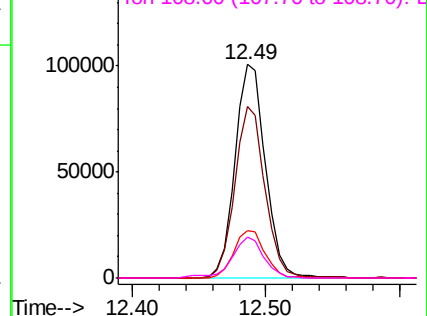
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 6.201 ng

RT: 12.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

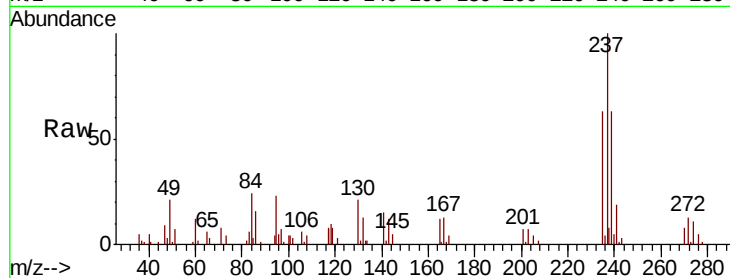
Tot Ion:237 Resp: 53865

Ion Ratio Lower Upper

237 100

235 63.0 41.3 81.3

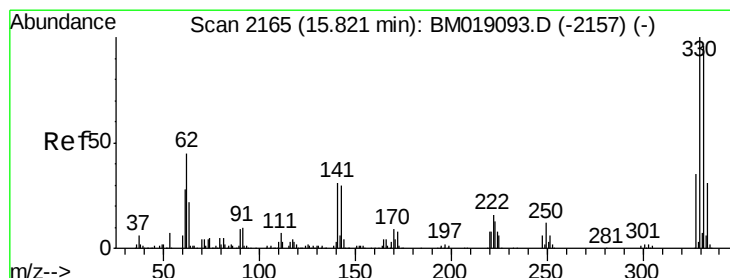
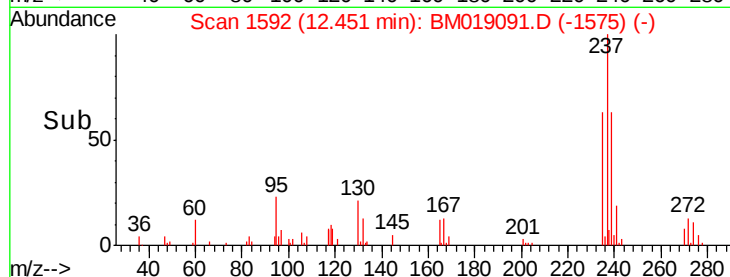
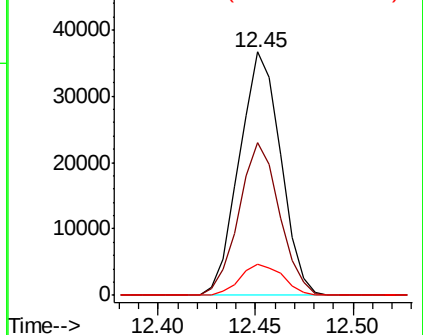
272 12.7 0.0 33.1



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: 18.854 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

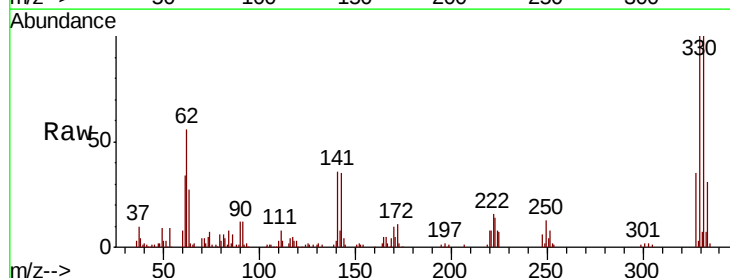
Tgt Ion:330 Resp: 144343

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

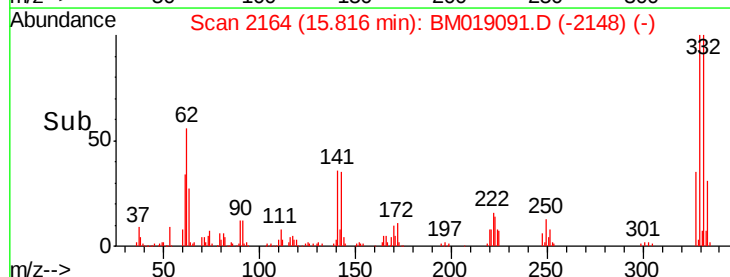
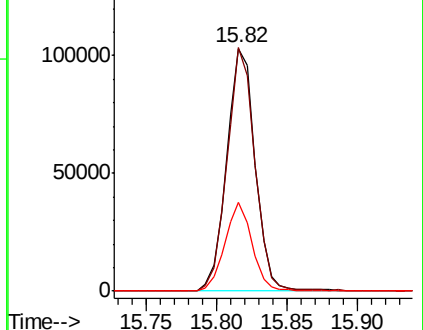
141 34.9 27.0 40.4

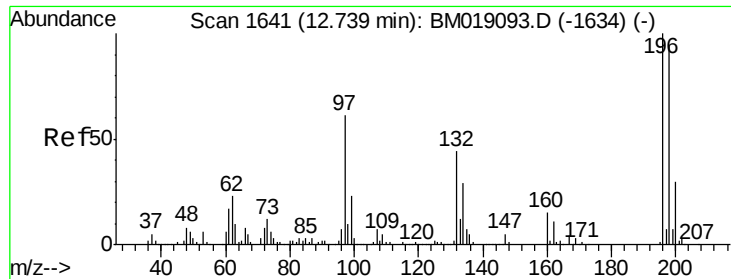


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

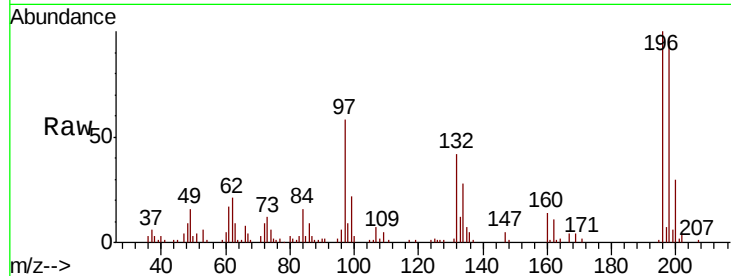




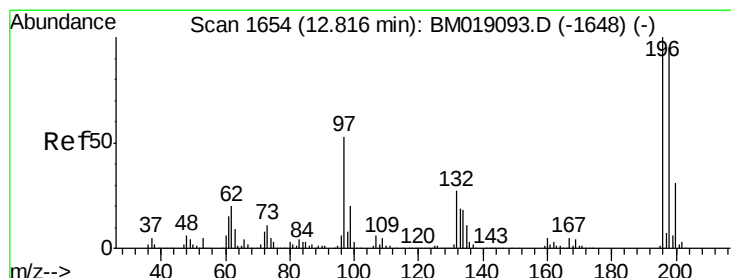
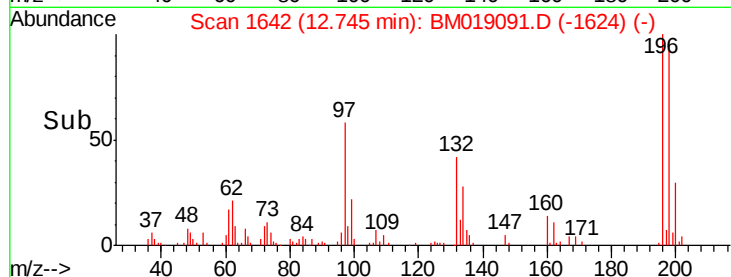
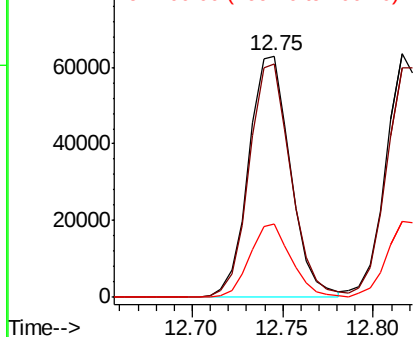
#43
 2,4,6-Trichlorophenol
 Concen: 8.975 ng
 RT: 12.75 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 100943
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.0
 200 30.2 24.2 36.2



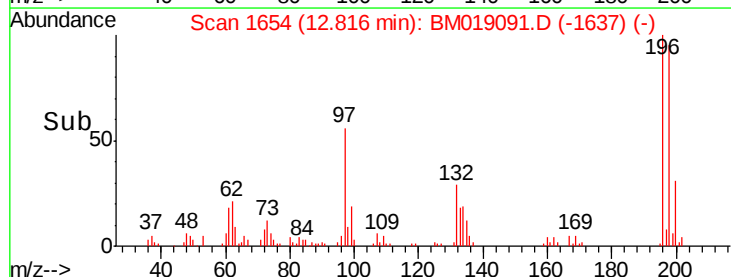
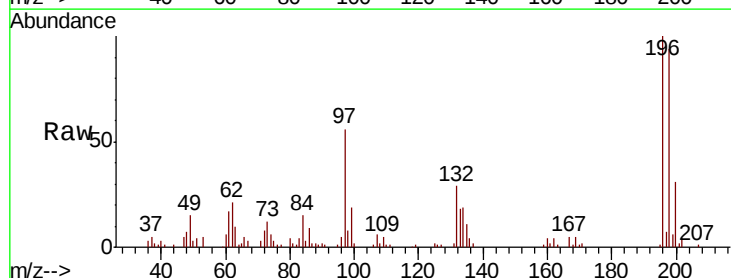
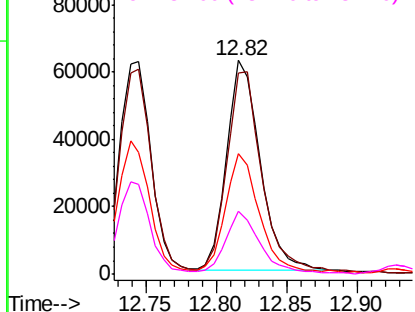
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

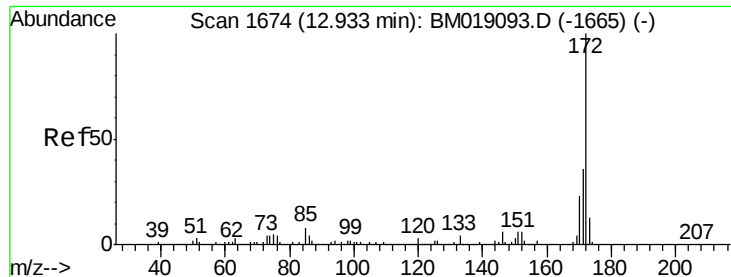


#44
 2,4,5-Trichlorophenol
 Concen: 8.835 ng
 RT: 12.82 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Tgt Ion:196 Resp: 104154
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.9 113.9
 97 56.5 42.5 63.7
 132 29.3 21.9 32.9

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

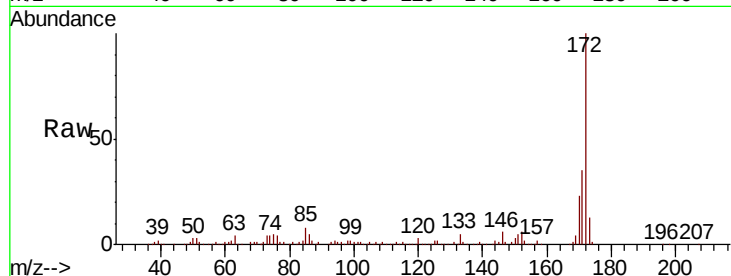




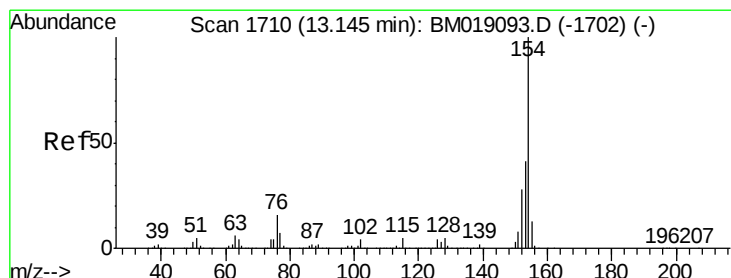
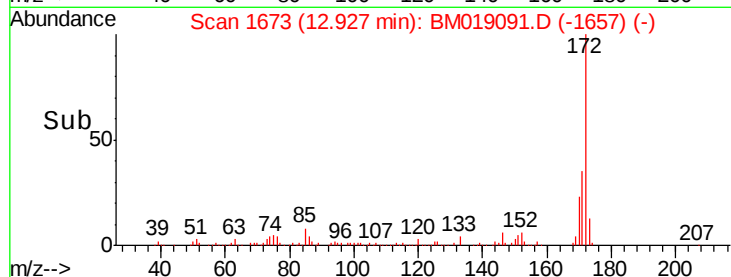
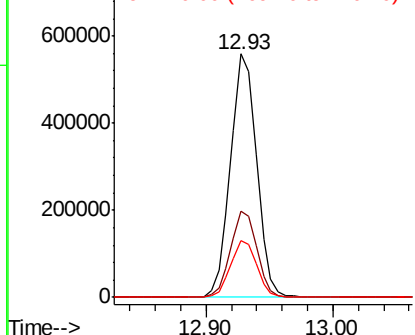
#45
2-Fluorobiphenyl
Concen: 19.937 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.2	18.6	28.0

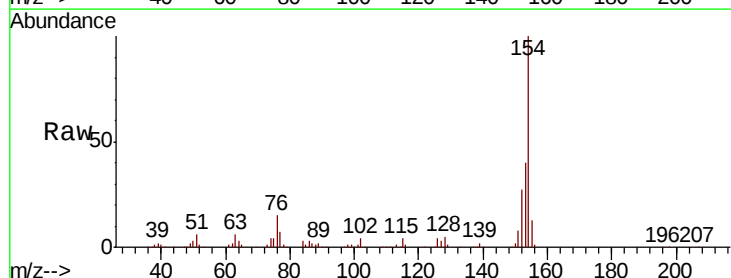


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

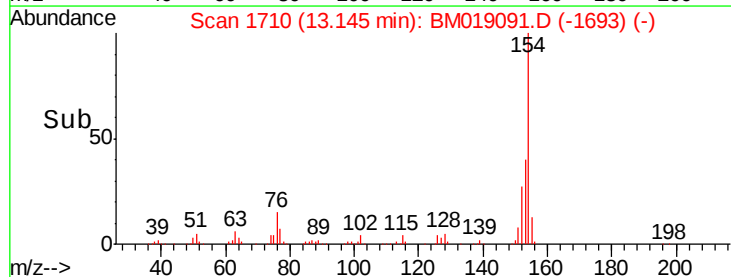
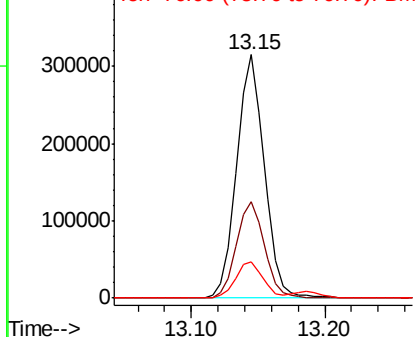


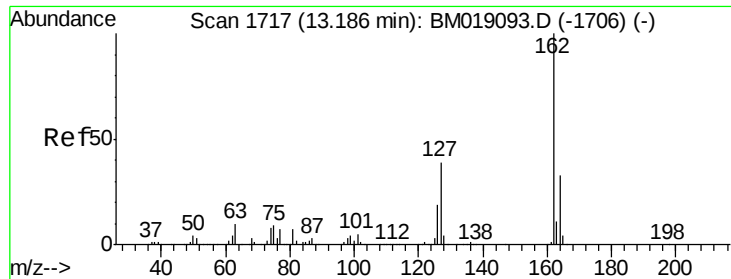
#46
1,1'-Biphenyl
Concen: 9.918 ng
RT: 13.15 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.5	61.5
76	15.0	0.0	35.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0

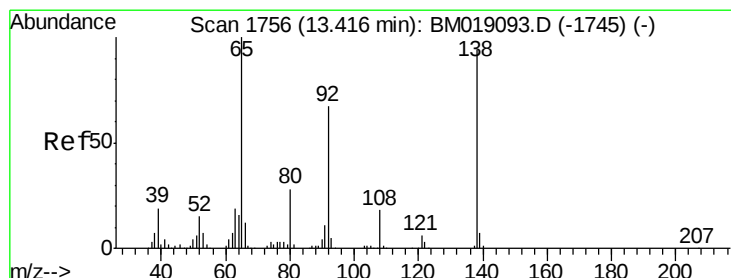
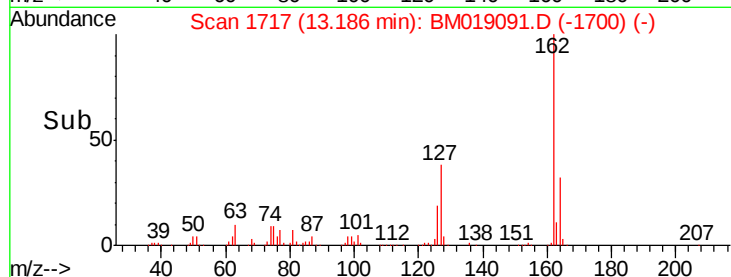
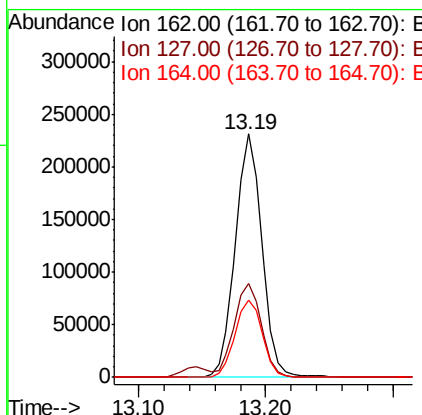
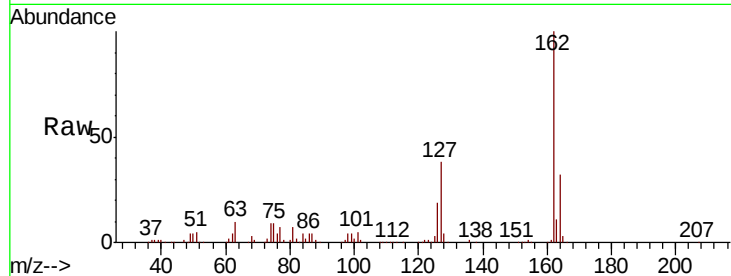




#47
 2-Chloronaphthalene
 Concen: 9.506 ng
 RT: 13.19 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

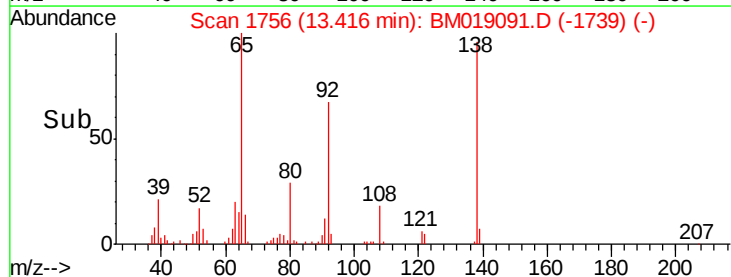
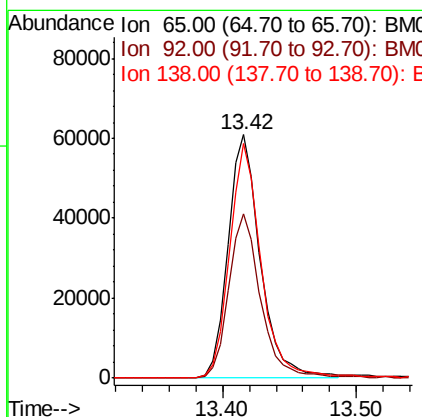
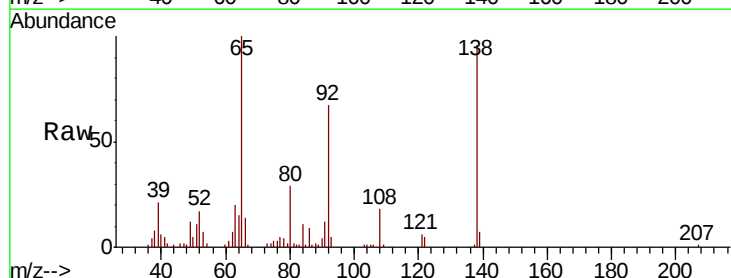
Instrument :
 BNA_M
 ClientSampleId :

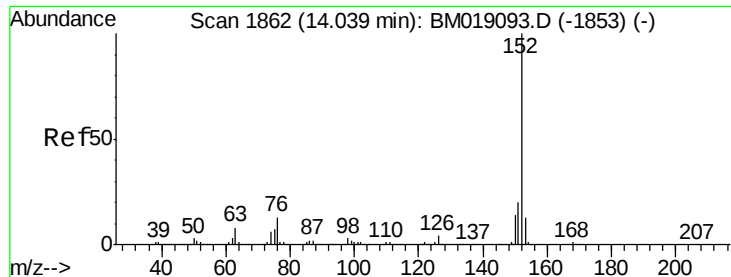
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.2	46.8
164	31.8	26.3	39.5



#48
 2-Nitroaniline
 Concen: 8.767 ng
 RT: 13.42 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.4	80.2
138	96.3	74.9	112.3





#49

Acenaphthylene

Concen: 10.782 ng

RT: 14.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampled :

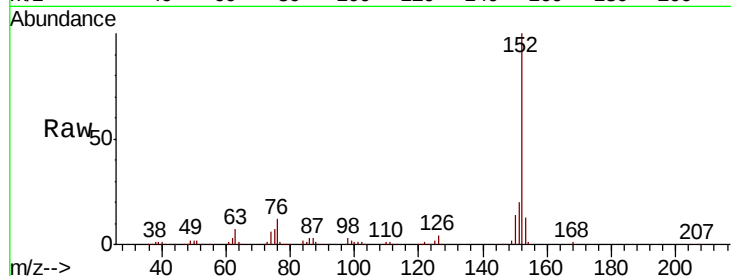
Tot Ion:152 Resp: 566901

Ion Ratio Lower Upper

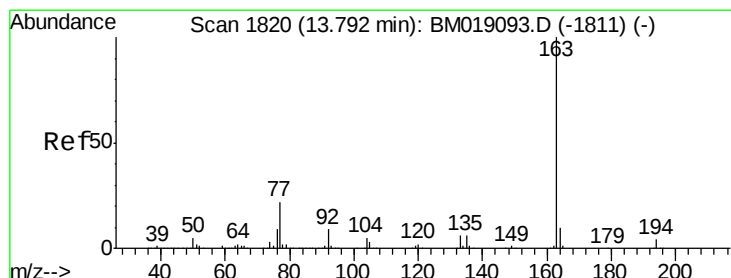
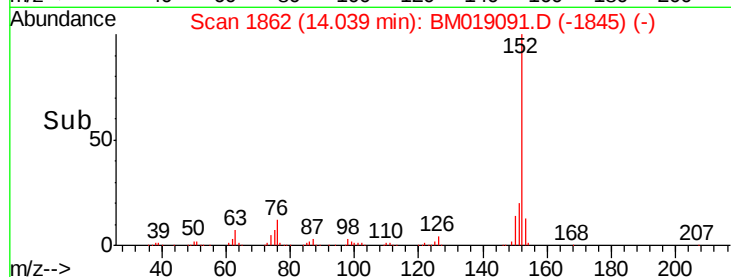
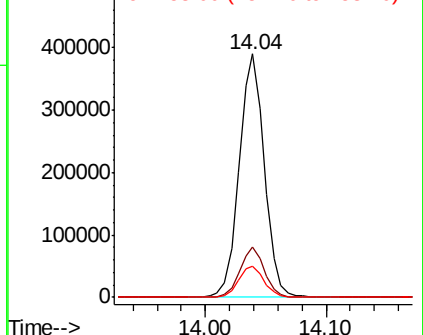
152 100

151 20.5 16.2 24.2

153 12.9 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: 10.087 ng

RT: 13.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

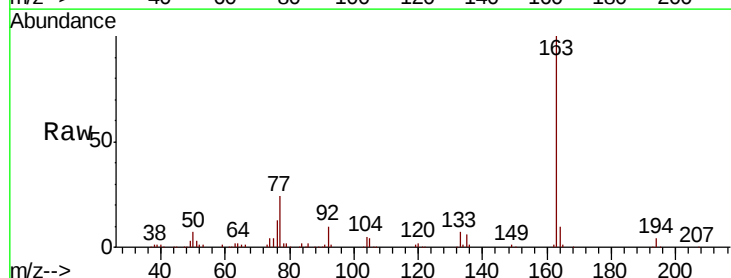
Tgt Ion:163 Resp: 446488

Ion Ratio Lower Upper

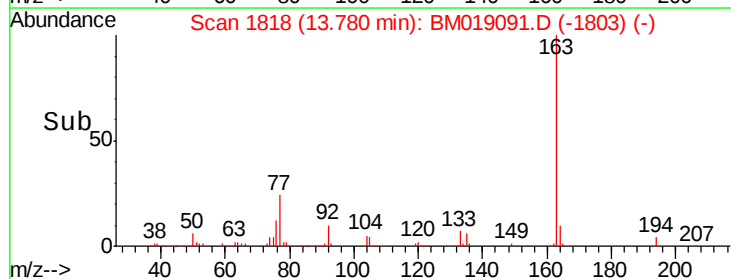
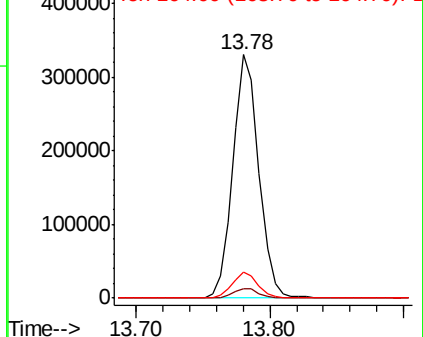
163 100

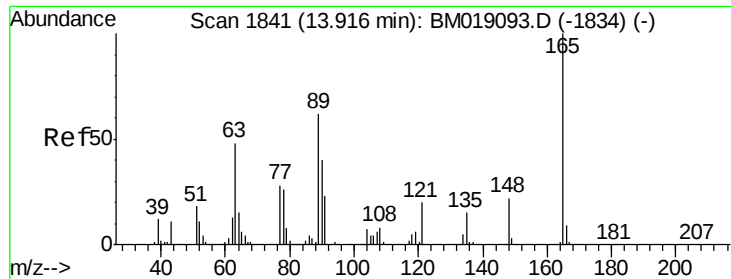
194 3.8 3.3 4.9

164 10.5 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

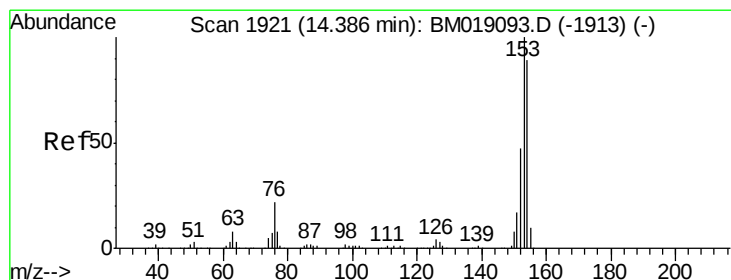
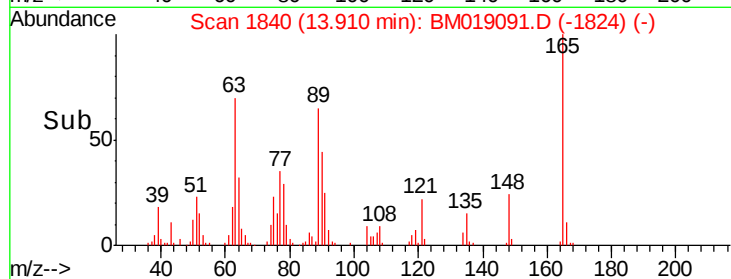
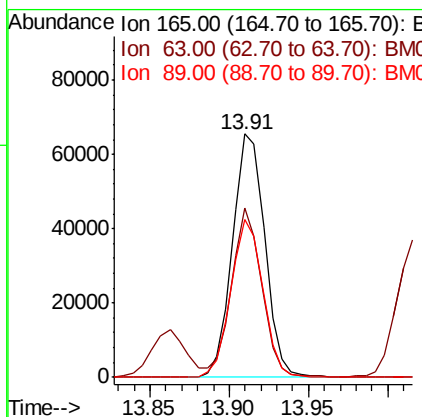
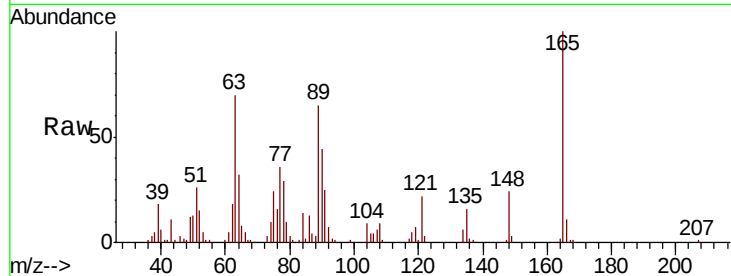




#51
 2,6-Dinitrotoluene
 Concen: 9.679 ng
 RT: 13.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

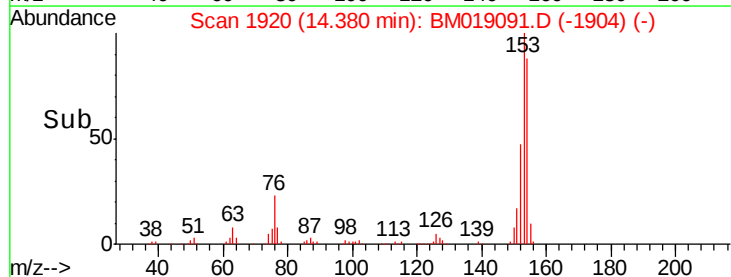
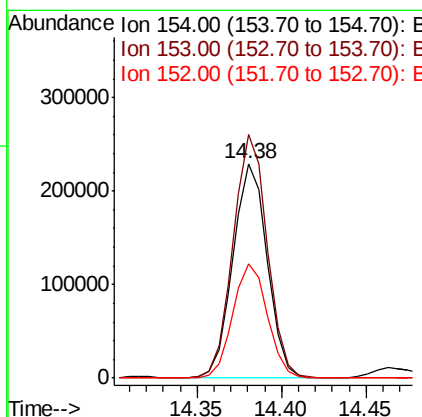
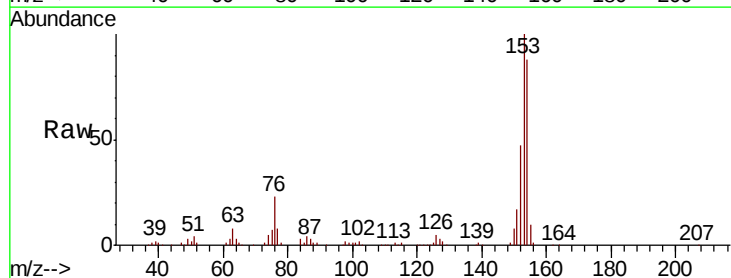
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 92803
 Ion Ratio Lower Upper
 165 100
 63 69.5 48.2 72.4
 89 64.7 49.3 73.9



#52
 Acenaphthene
 Concen: 10.057 ng
 RT: 14.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Tgt Ion:154 Resp: 324254
 Ion Ratio Lower Upper
 154 100
 153 113.5 90.1 135.1
 152 53.5 42.5 63.7





#53

3-Nitroaniline

Concen: 8.160 ng

RT: 14.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

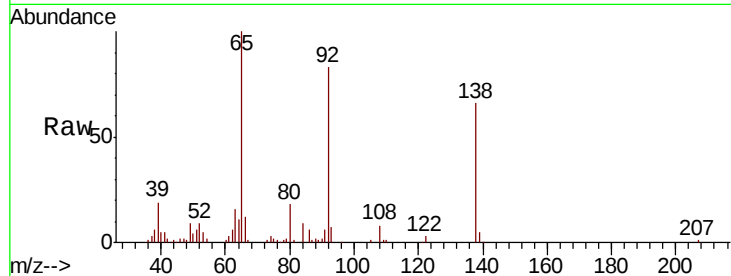
Tot Ion:138 Resp: 88409

Ion Ratio Lower Upper

138 100

108 11.7 9.0 13.4

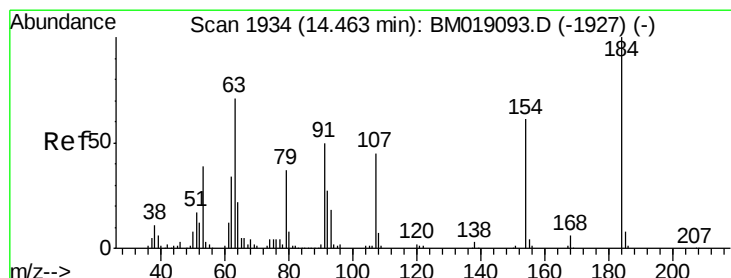
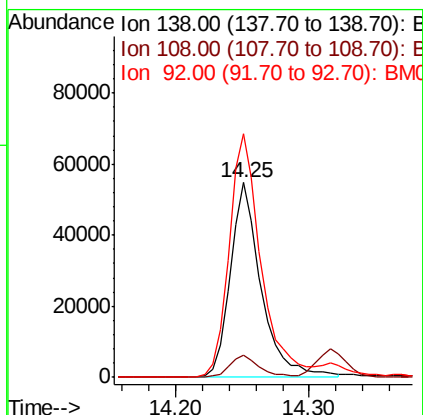
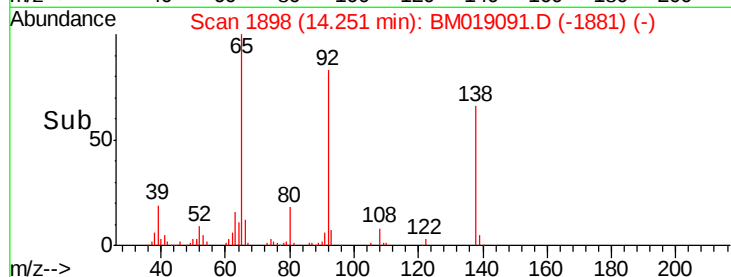
92 125.1 102.6 153.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 6.795 ng

RT: 14.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

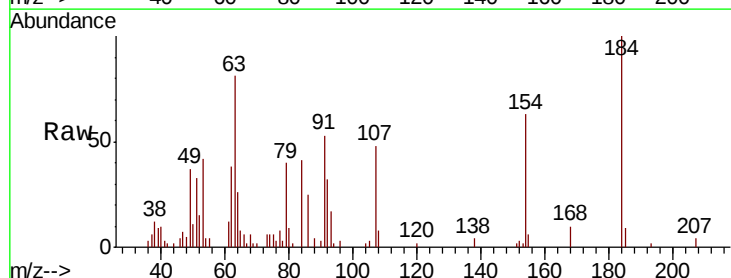
Tgt Ion:184 Resp: 35999

Ion Ratio Lower Upper

184 100

63 81.4 56.7 85.1

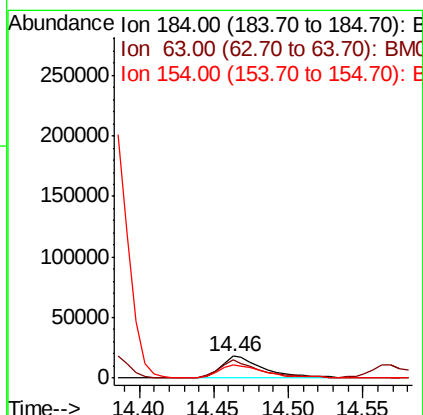
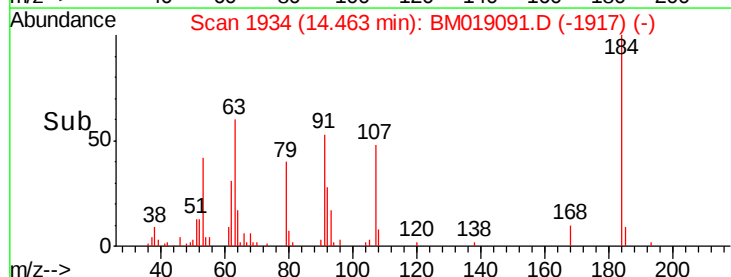
154 62.9 49.3 73.9

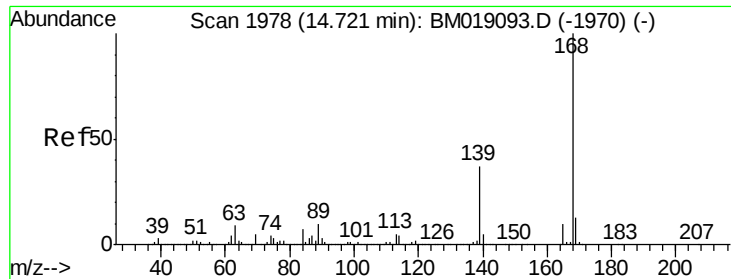


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

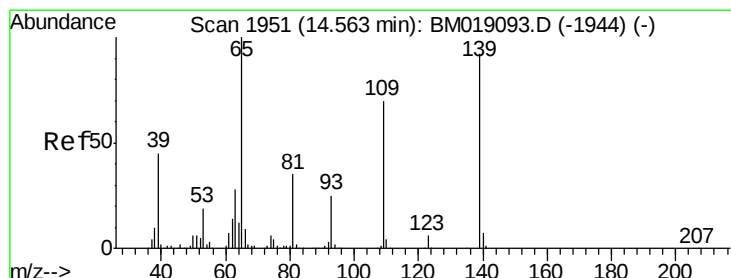
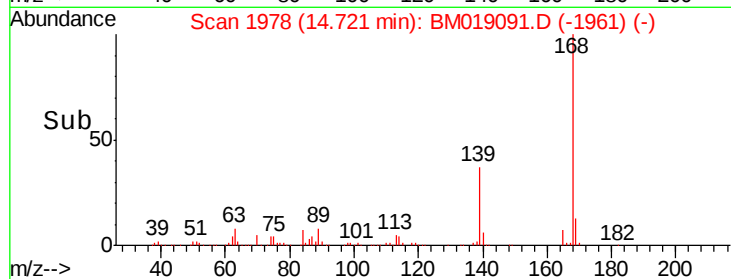
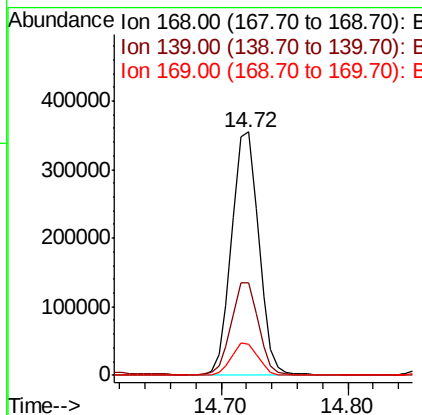
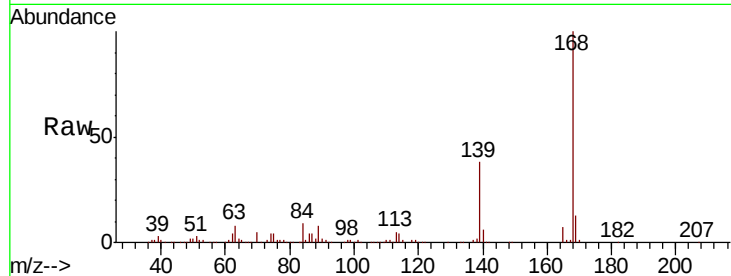




#55
Dibenzenofuran
Concen: 9.946 ng
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

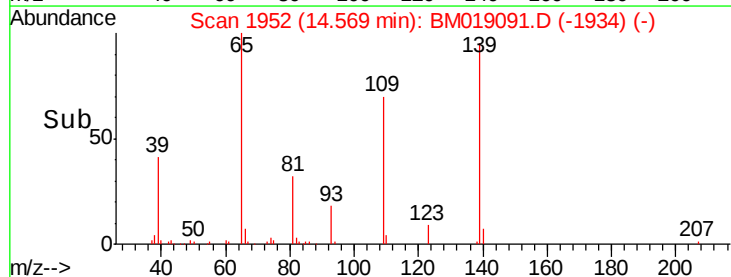
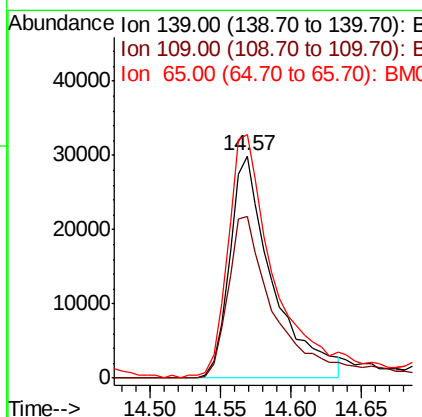
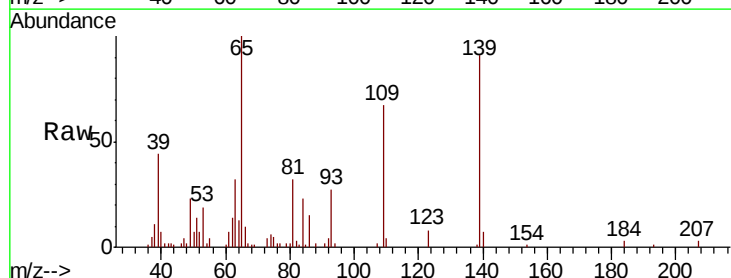
Instrument :
BNA_M
ClientSampleId :

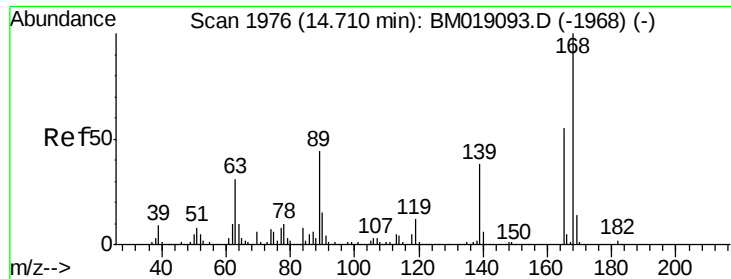
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.0	10.6	16.0



#56
4-Nitrophenol
Concen: 7.336 ng
RT: 14.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.0	56.3	96.3
65	109.6	89.2	129.2

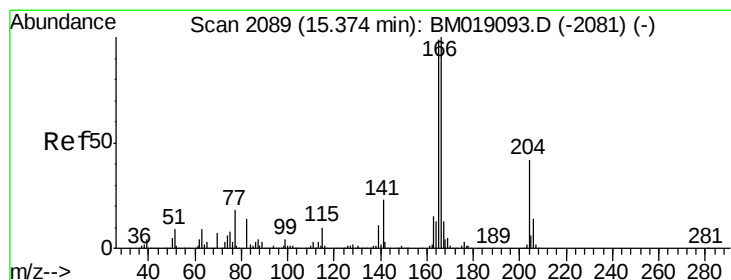
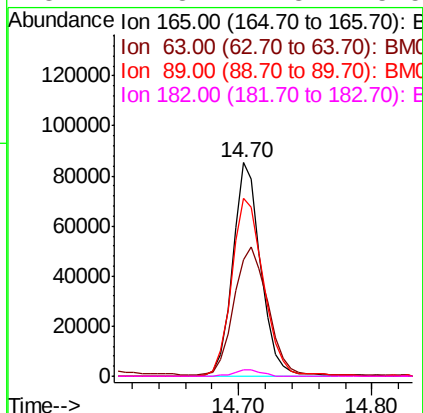
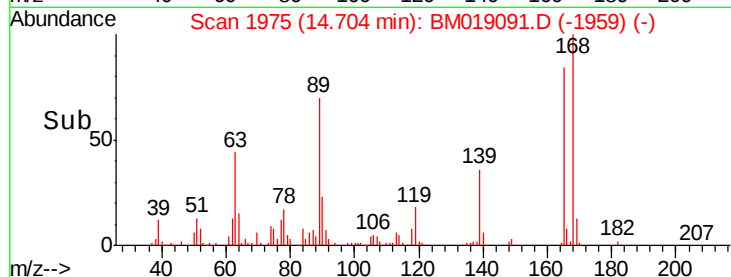
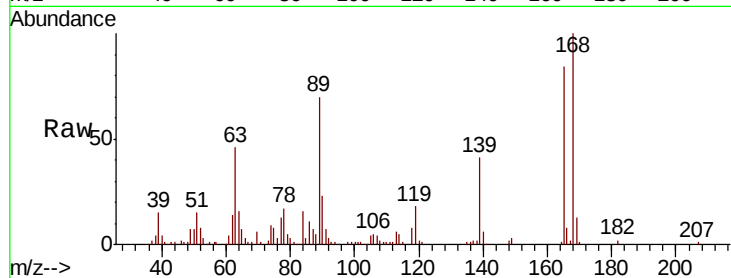




#57
2,4-Dinitrotoluene
Concen: 9.441 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

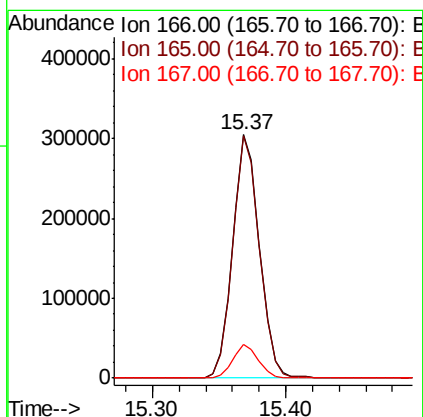
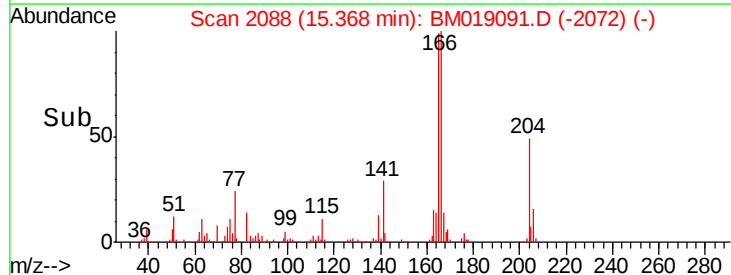
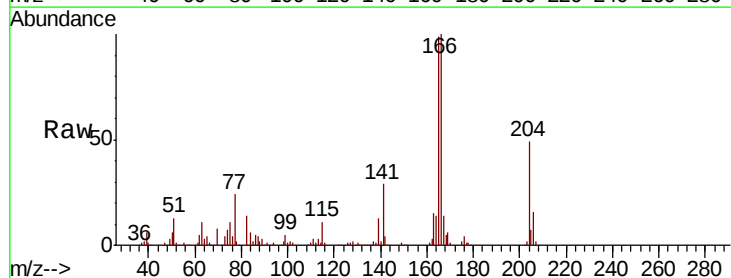
Instrument :
BNA_M
ClientSampleId :

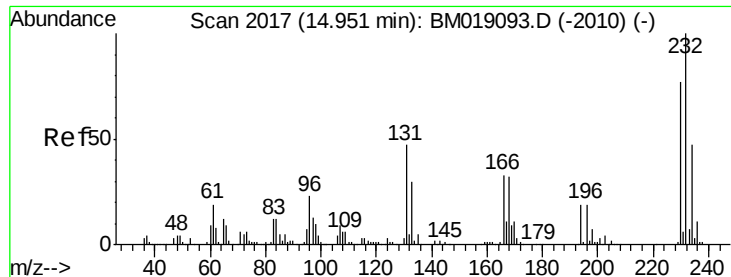
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.7	44.7	67.1
89	83.6	63.4	95.2
182	2.8	2.3	3.5



#58
Fluorene
Concen: 10.507 ng
RT: 15.37 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.4
167	13.6	10.8	16.2

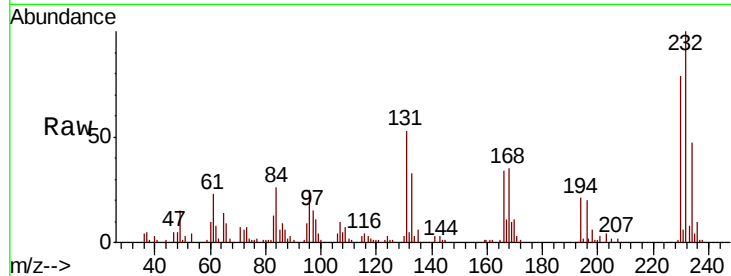




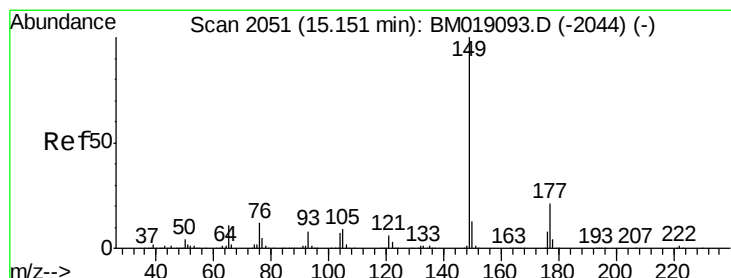
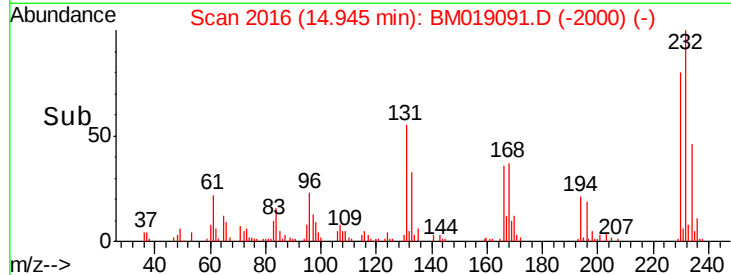
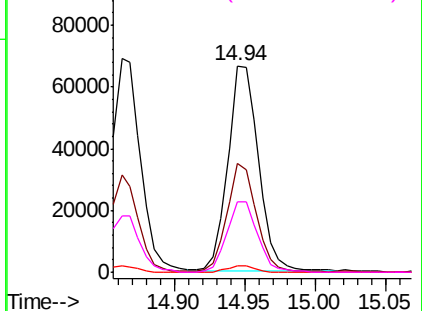
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.626 ng
 RT: 14.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.8	38.2	57.2
130	2.6	1.9	2.9
166	35.0	27.0	40.4

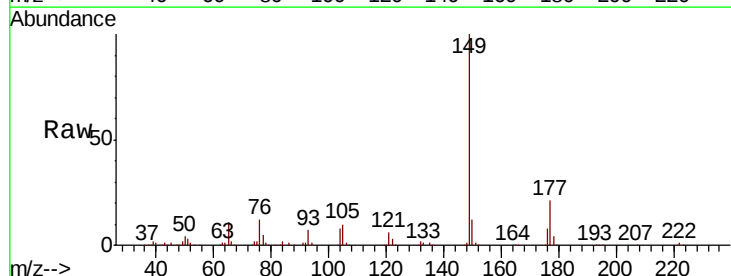


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

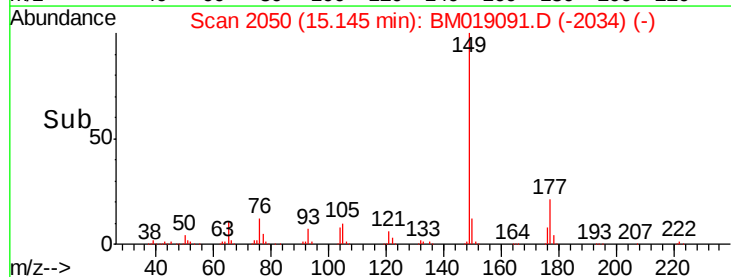
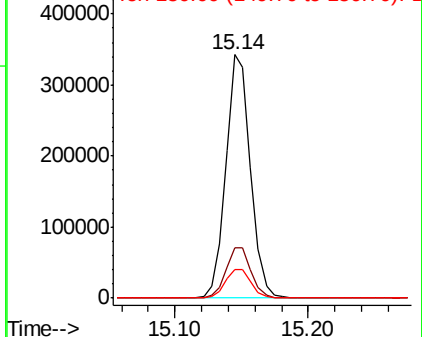


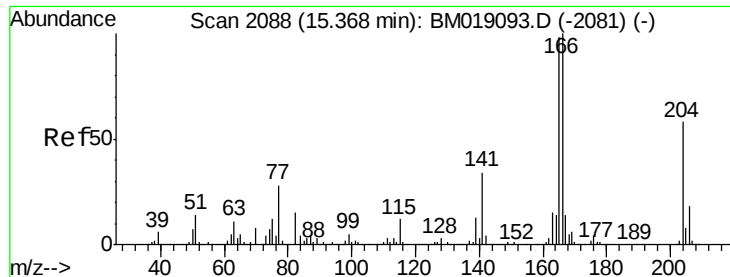
#60
 Diethylphthalate
 Concen: 9.699 ng
 RT: 15.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	17.0	25.6
150	12.0	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

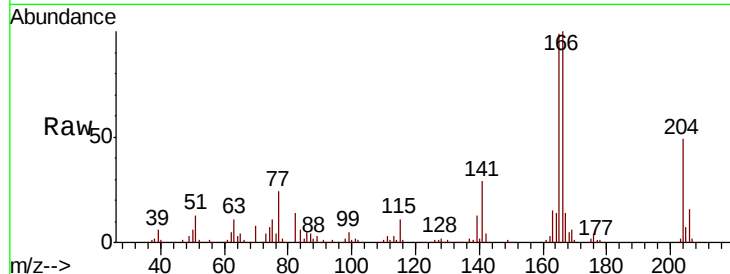




#61
4-Chlorophenyl-phenylether
Concen: 9.026 ng
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.5	38.3
141	59.8	47.8	71.8

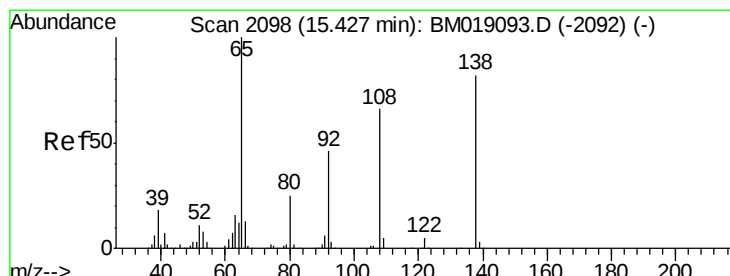
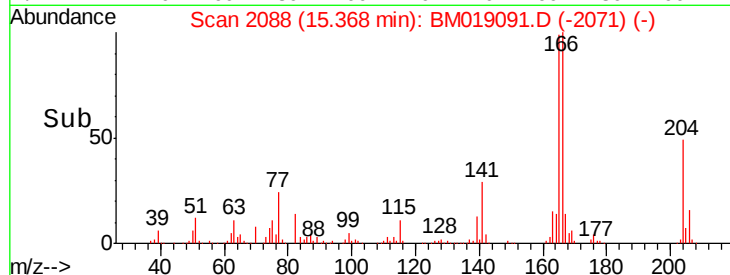
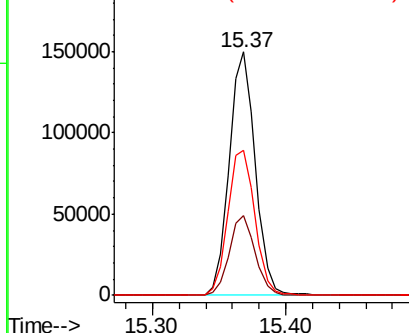


Abundance

Ion 204.00 (203.70 to 204.70): E

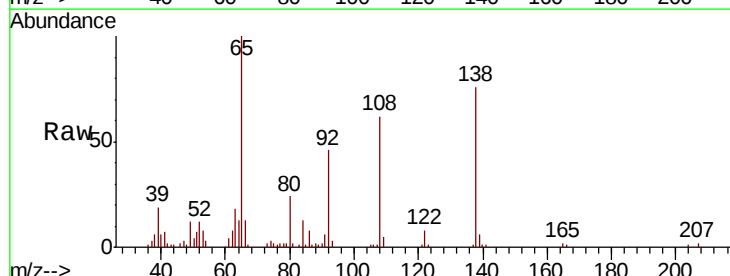
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 7.977 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.5	36.2	76.2
108	81.4	59.7	99.7

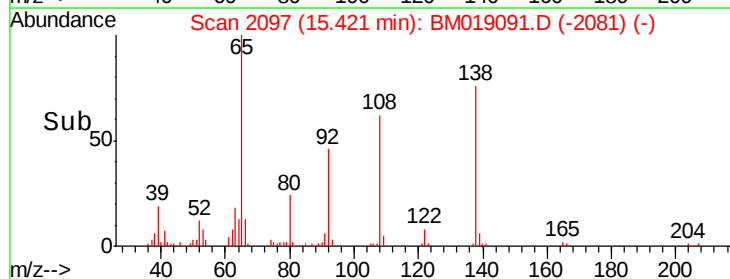
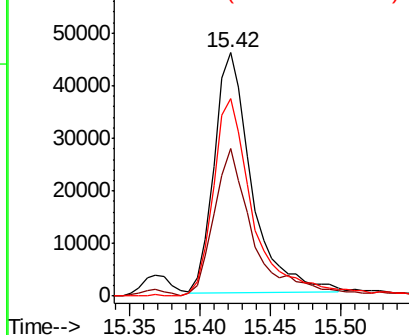


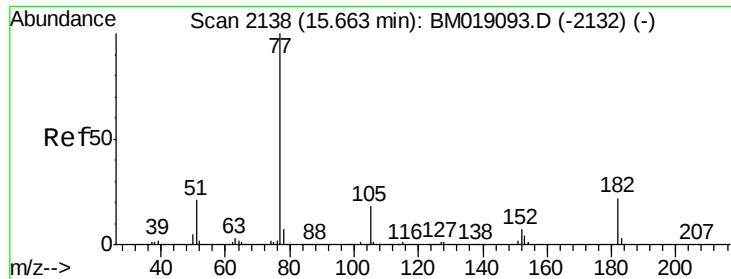
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

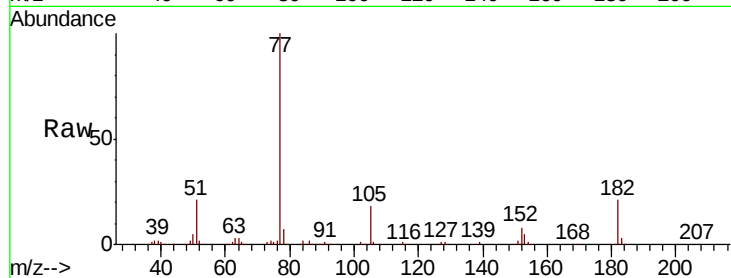




#63
Azobenzene
Concen: 9.573 ng
RT: 15.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	77	Resp:	468646
Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.8	41.8
105	18.2	0.0	38.3
51	21.0	0.8	40.8

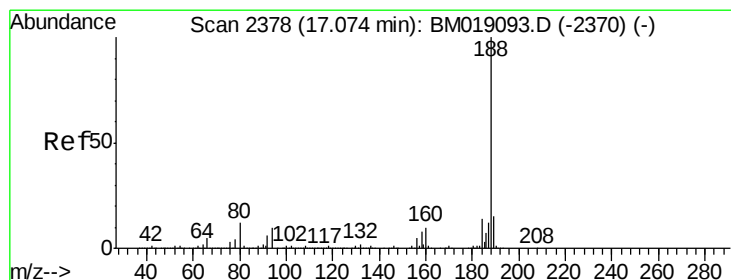
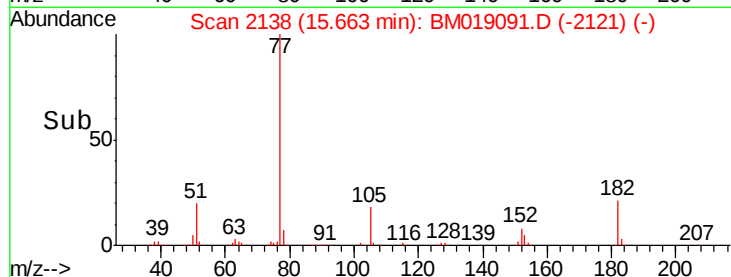
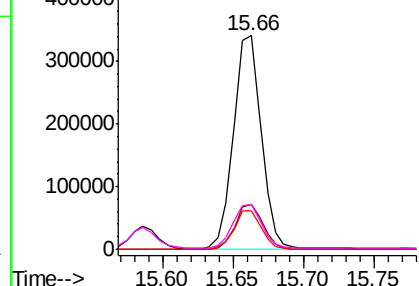


Abundance Ion 77.00 (76.70 to 77.70): BM019091.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019091.D (-2132) (-)

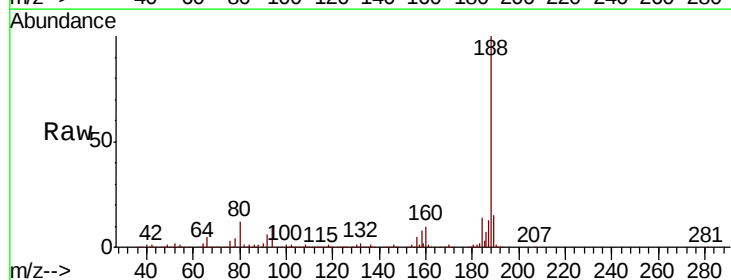
Ion 105.00 (104.70 to 105.70): BM019091.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019091.D (-2132) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

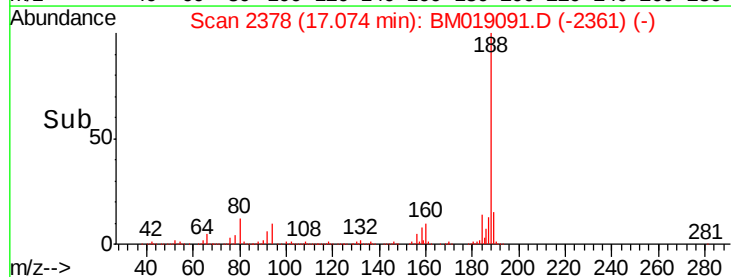
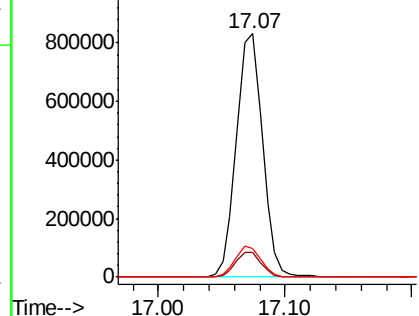
Tgt Ion:	188	Resp:	1189002
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	11.8	9.7	14.5

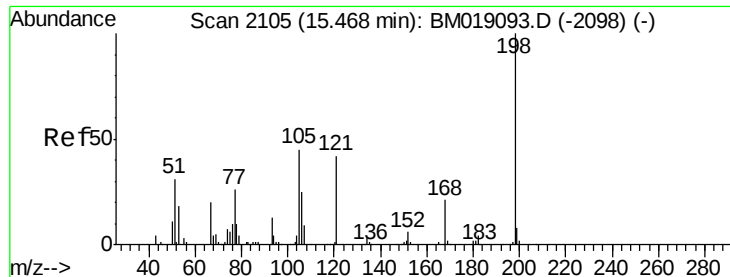


Abundance Ion 188.00 (187.70 to 188.70): BM019091.D (-2361) (-)

Ion 94.00 (93.70 to 94.70): BM019091.D (-2361) (-)

Ion 80.00 (79.70 to 80.70): BM019091.D (-2361) (-)

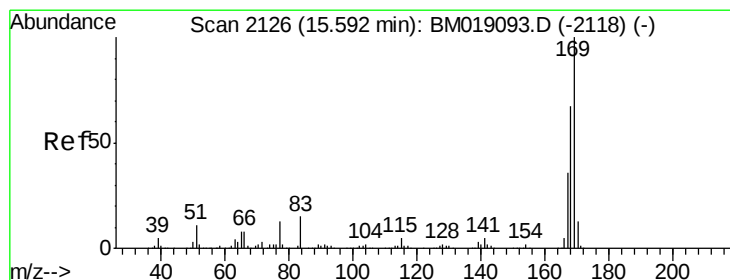
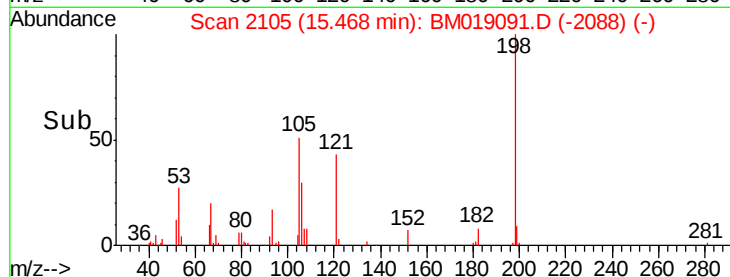
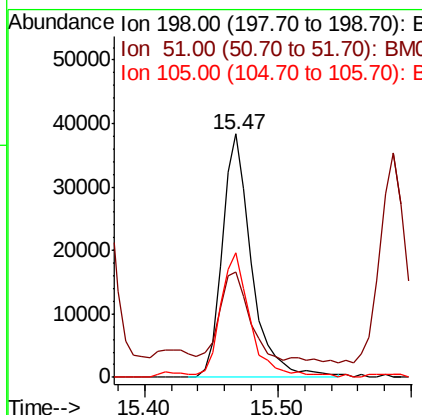
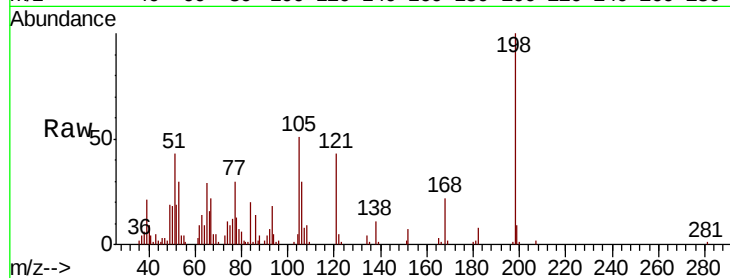




#65
4,6-Dinitro-2-methylphenol
Concen: 7.104 ng
RT: 15.47 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

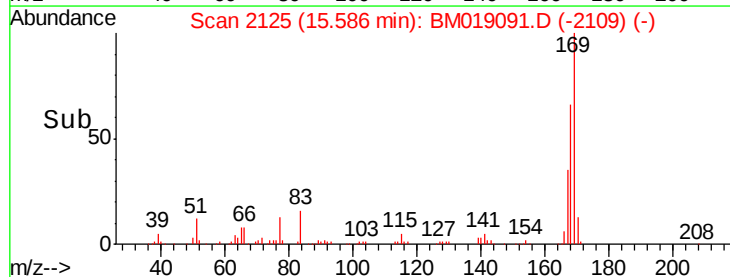
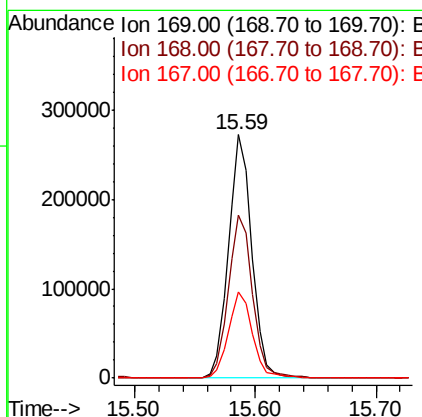
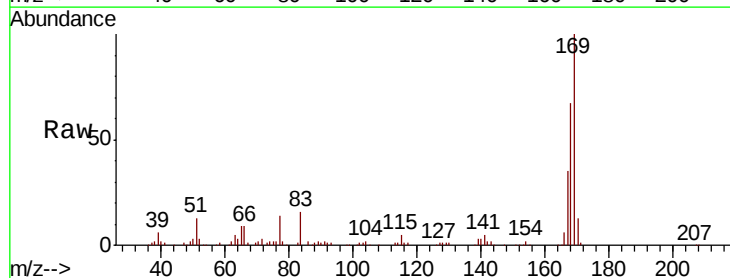
Instrument :
BNA_M
ClientSampleId :

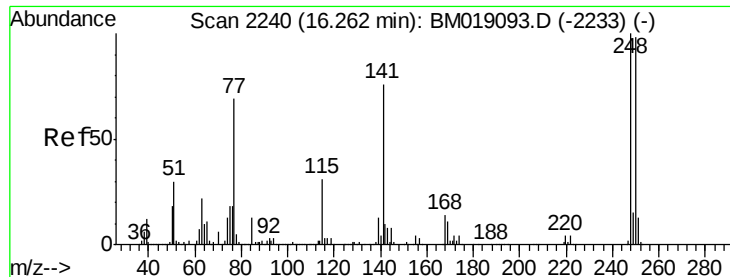
Tot Ion	198	Resp	59307
Ion Ratio	100	Lower	Upper
51	43.1	17.3	57.3
105	51.1	26.2	66.2



#66
n-Nitrosodiphenylamine
Concen: 9.730 ng
RT: 15.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion	169	Resp	365515
Ion Ratio	100	Lower	Upper
168	66.8	53.9	80.9
167	35.4	28.8	43.2

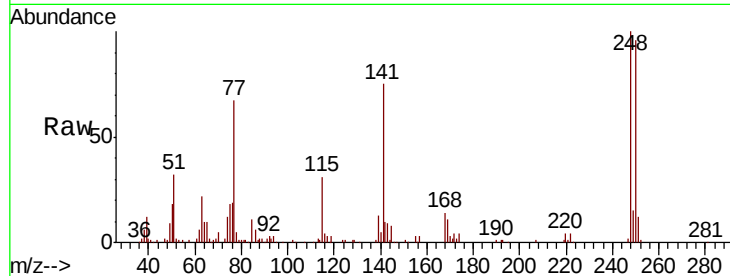




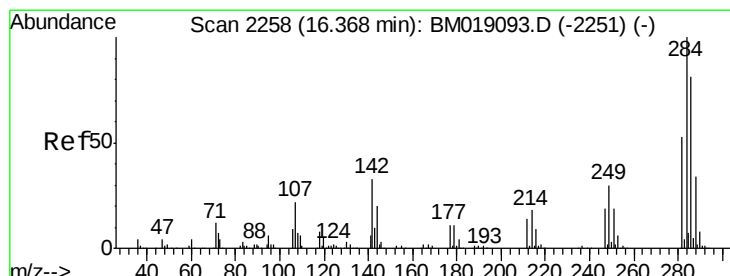
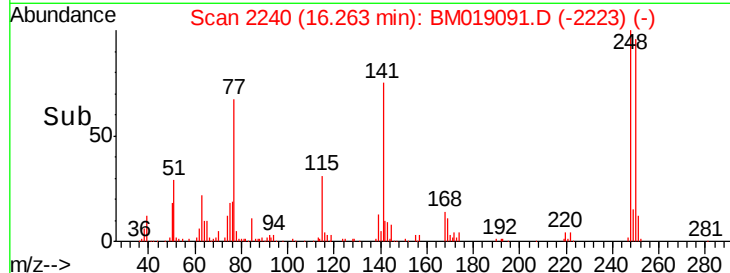
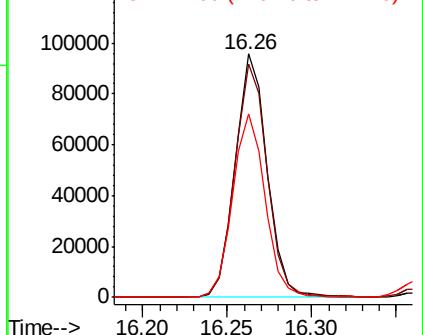
#67
4-Bromophenyl-phenylether
Concen: 9.445 ng
RT: 16.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 125699
Ion Ratio Lower Upper
248 100
250 95.7 78.0 117.0
141 75.2 61.0 91.4

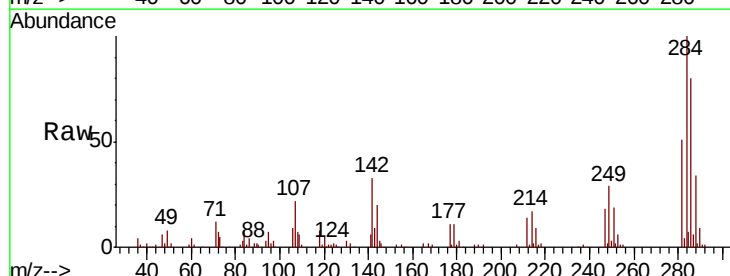


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

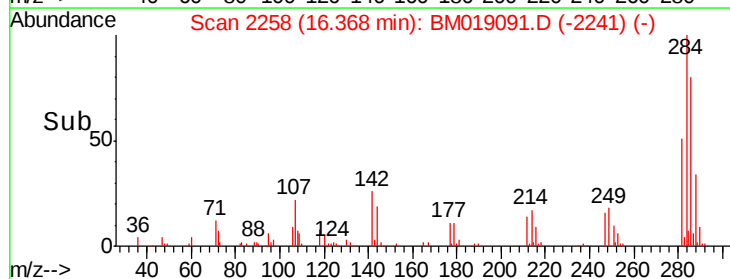
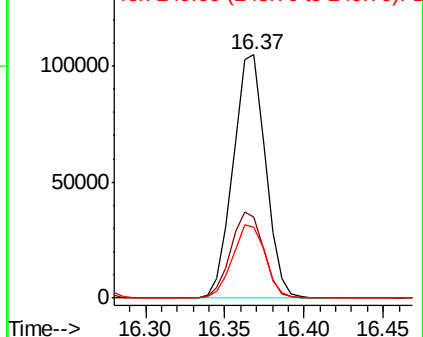


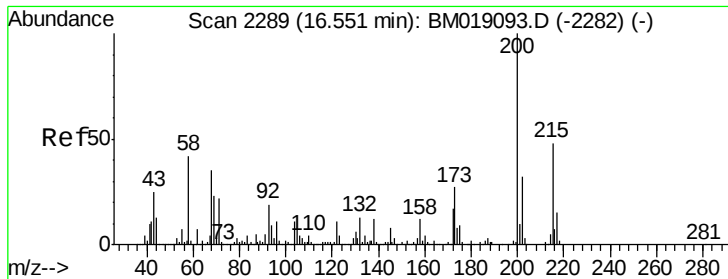
#68
Hexachlorobenzene
Concen: 9.617 ng
RT: 16.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion:284 Resp: 148775
Ion Ratio Lower Upper
284 100
142 33.4 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: 10.138 ng

RT: 16.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

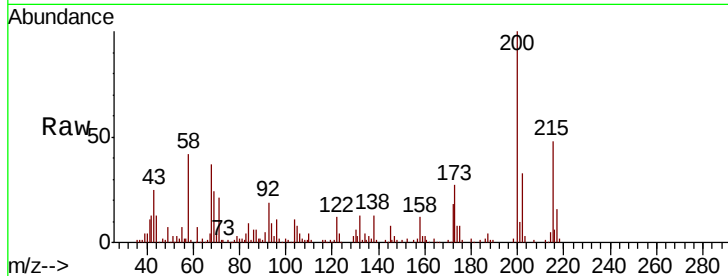
Tot Ion:200 Resp: 122776

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

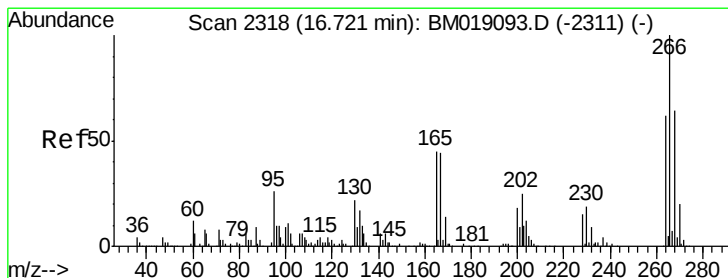
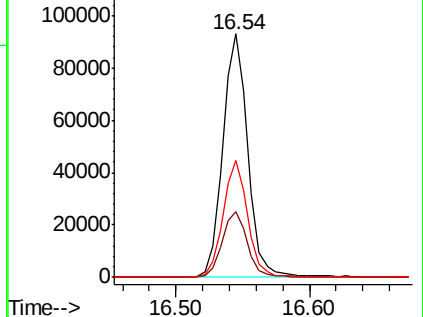
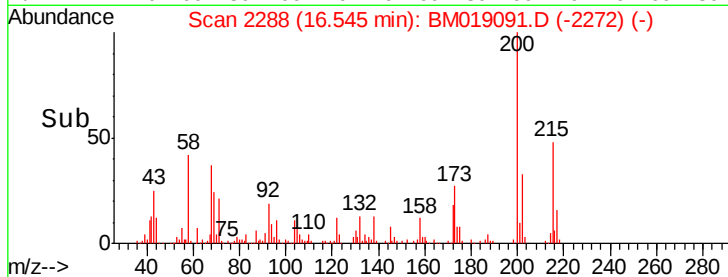
215 48.1 27.7 67.7



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: 7.641 ng

RT: 16.72 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

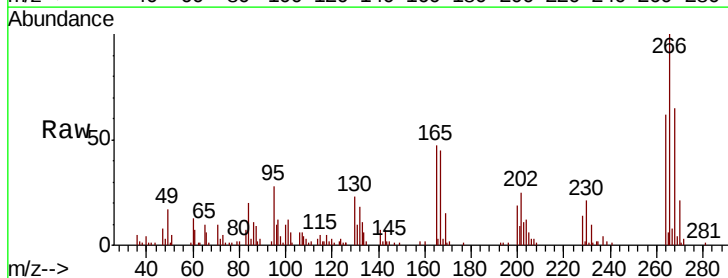
Tgt Ion:266 Resp: 76110

Ion Ratio Lower Upper

266 100

268 64.8 51.3 76.9

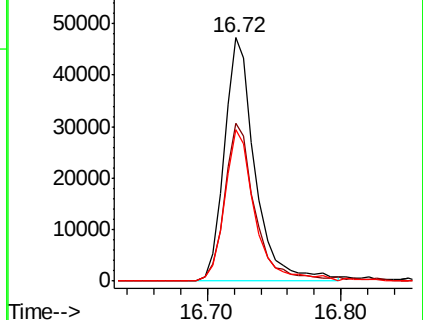
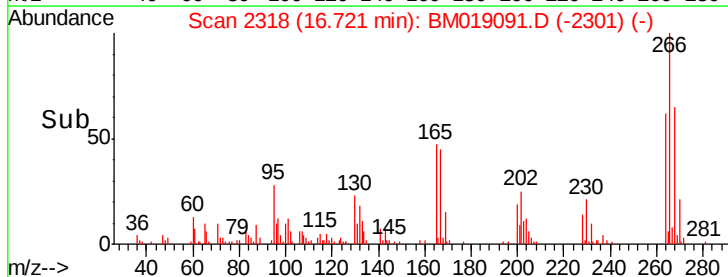
264 62.2 50.0 75.0

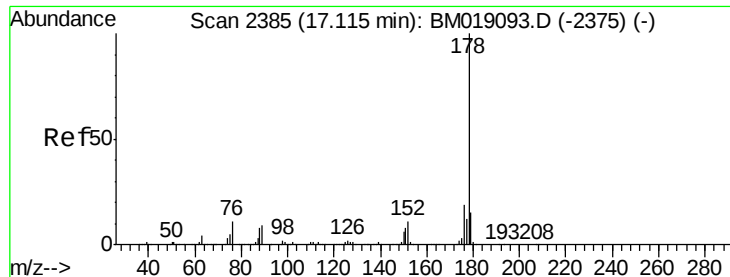


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

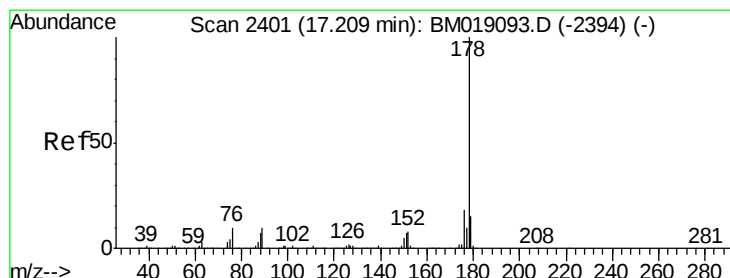
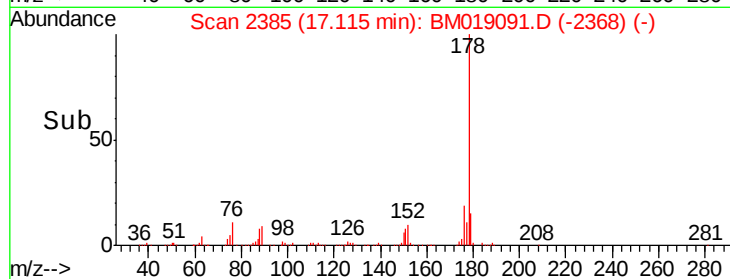
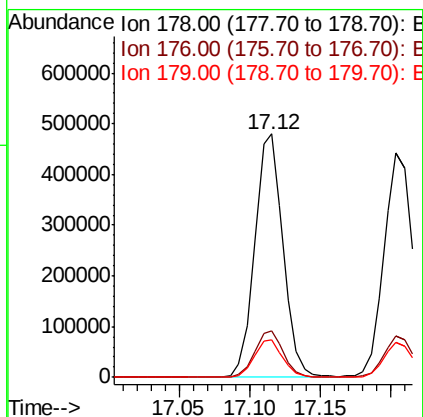
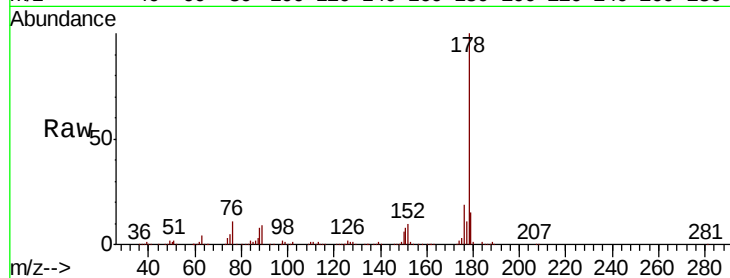




#71
Phenanthrene
Concen: 10.569 ng
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

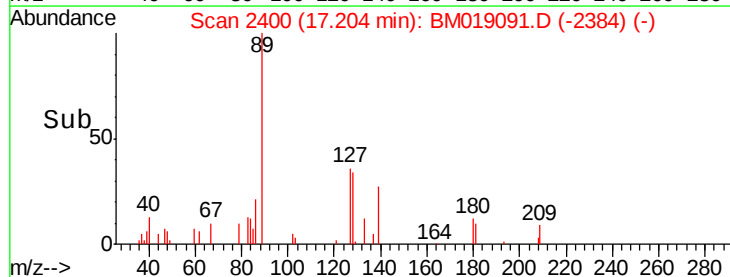
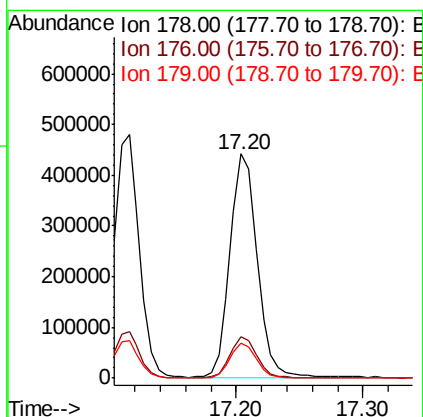
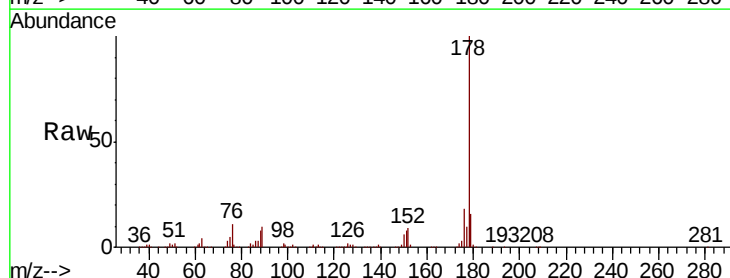
Instrument :
BNA_M
ClientSampleId :

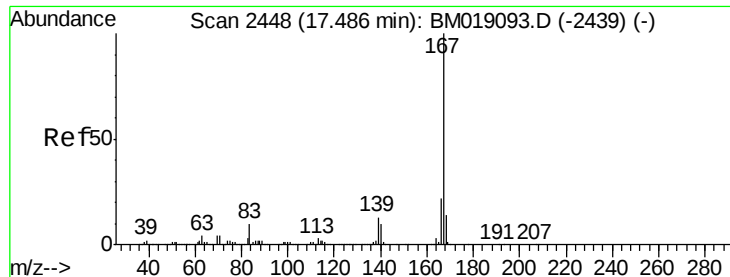
Tot Ion:178 Resp: 675368
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.2 18.2



#72
Anthracene
Concen: 10.434 ng
RT: 17.20 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion:178 Resp: 648968
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.8 11.9 17.9

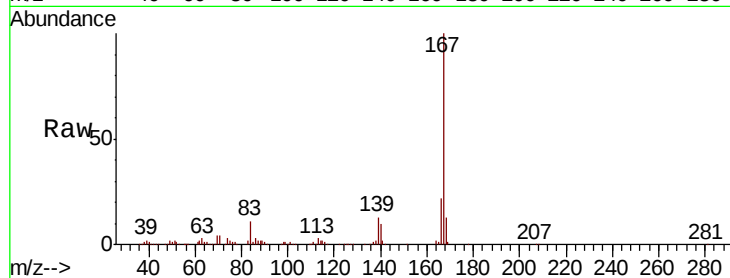




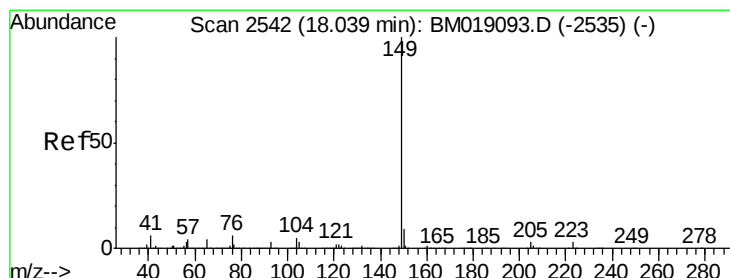
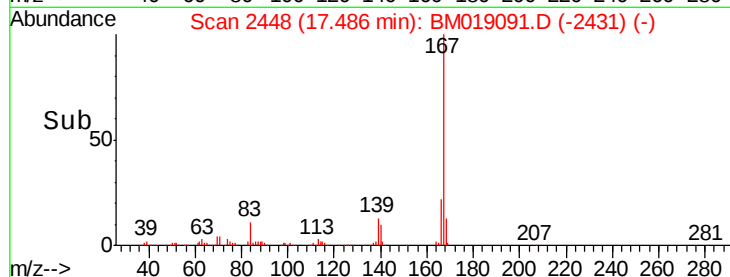
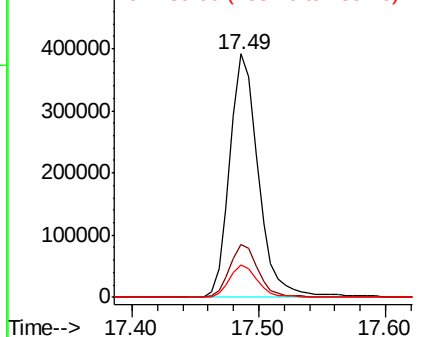
#73
 Carbazole
 Concen: 9.448 ng
 RT: 17.49 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 613890
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 13.1 10.5 15.7

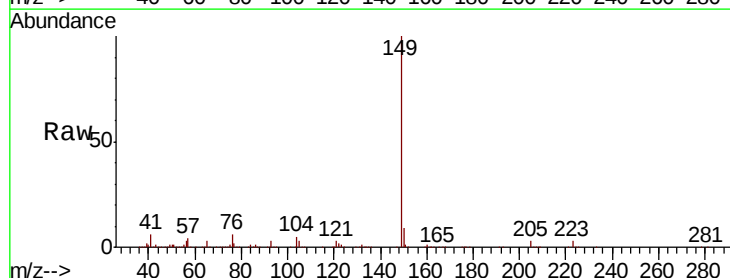


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

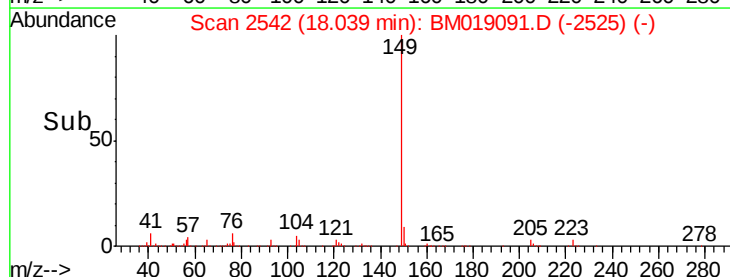
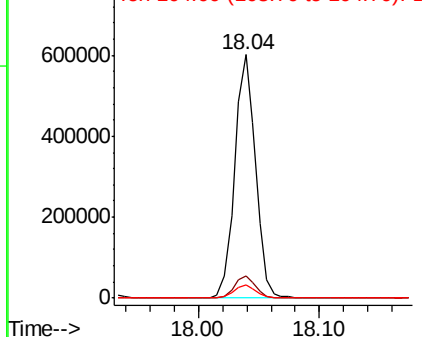


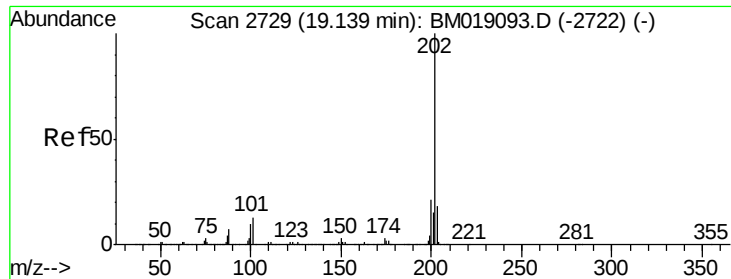
#74
 Di-n-butylphthalate
 Concen: 9.681 ng
 RT: 18.04 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BM019091.D
 Acq: 11 Mar 2019 13:32

Tgt Ion:149 Resp: 723436
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.5 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: 10.383 ng

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

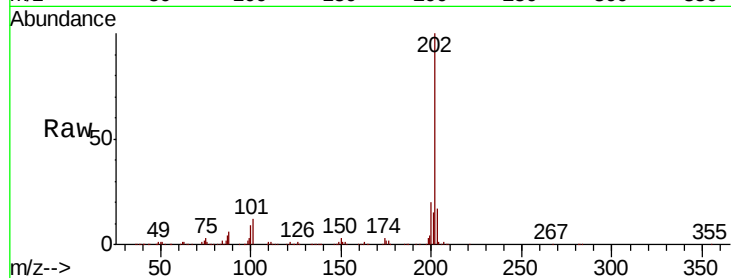
Tot Ion:202 Resp: 766380

Ion Ratio Lower Upper

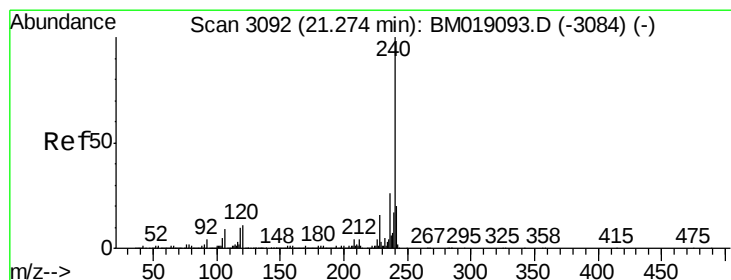
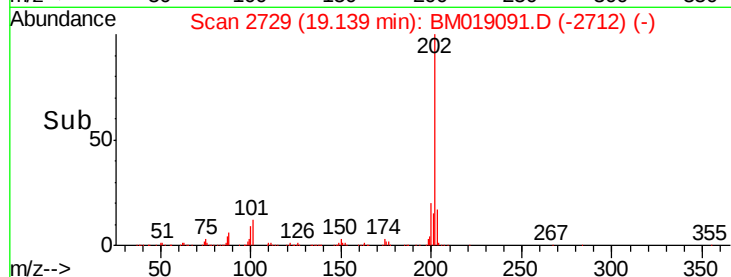
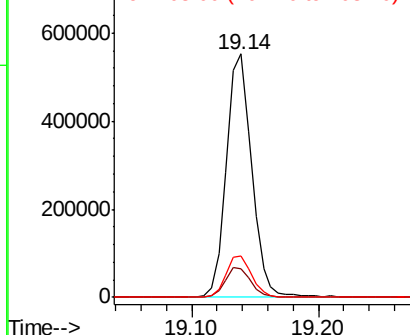
202 100

101 11.7 0.0 33.0

203 16.8 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# 3091

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

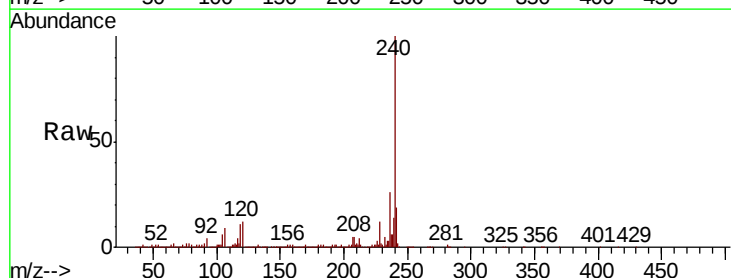
Tgt Ion:240 Resp: 1327326

Ion Ratio Lower Upper

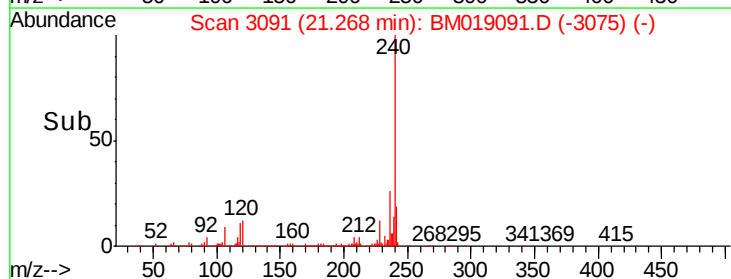
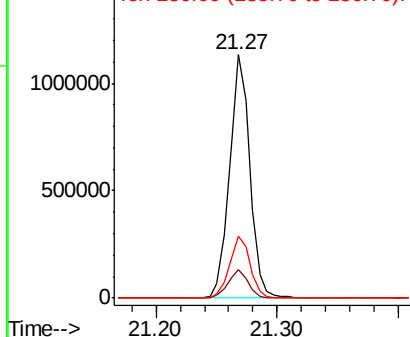
240 100

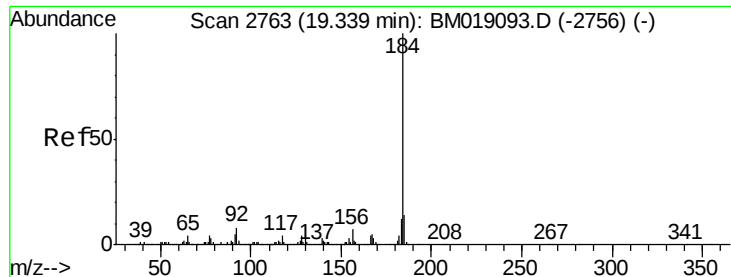
120 11.6 8.9 13.3

236 25.6 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: 12.629 ng

RT: 19.34 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

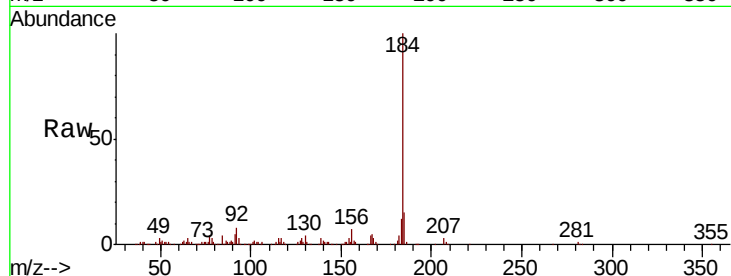
Tot Ion:184 Resp: 377520

Ion Ratio Lower Upper

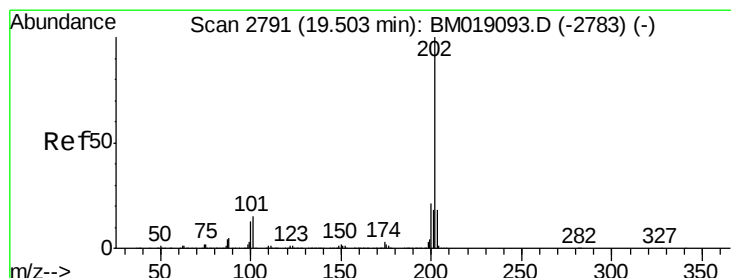
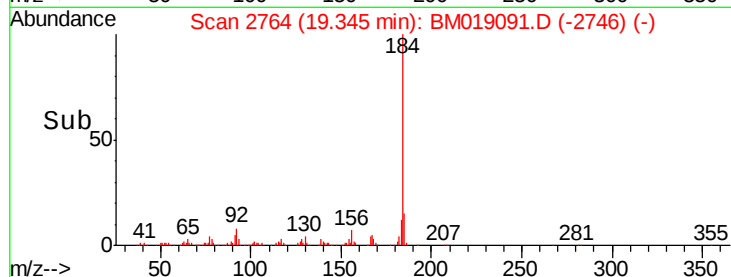
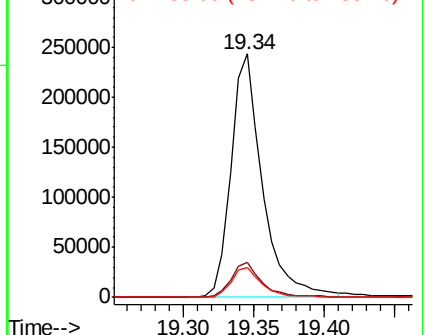
184 100

185 14.5 11.0 16.4

183 12.2 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: 10.409 ng

RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

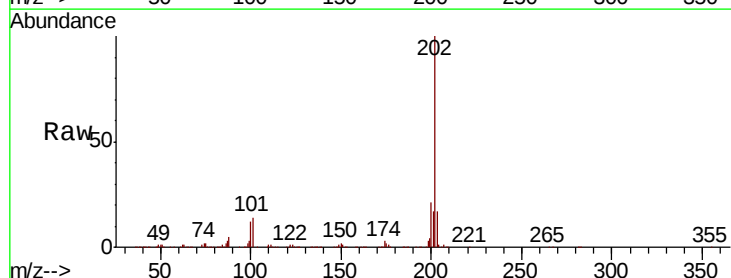
Tgt Ion:202 Resp: 802412

Ion Ratio Lower Upper

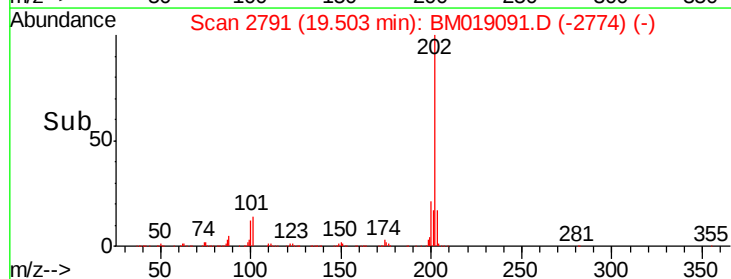
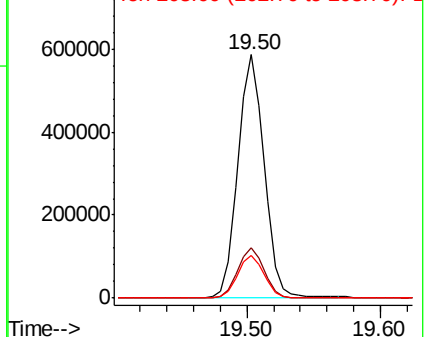
202 100

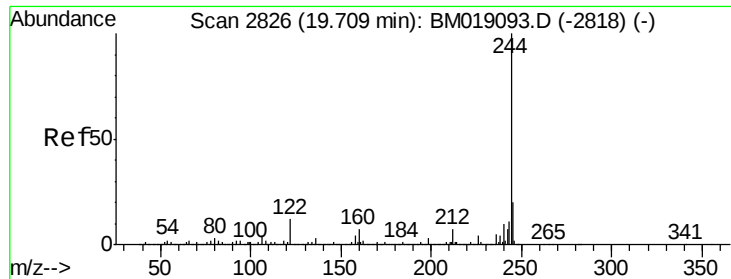
200 20.6 16.9 25.3

203 17.4 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: 20.011 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

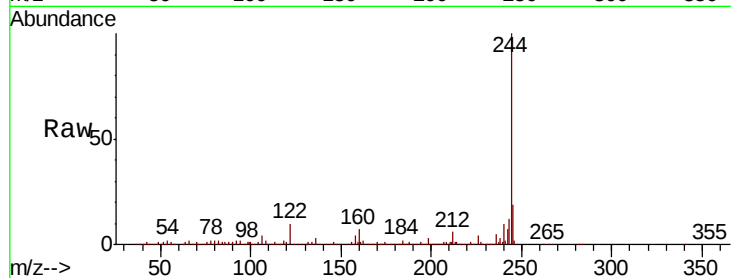
Instrument :

BNA_M

ClientSampled :

Tot Ion:244 Resp: 1287562

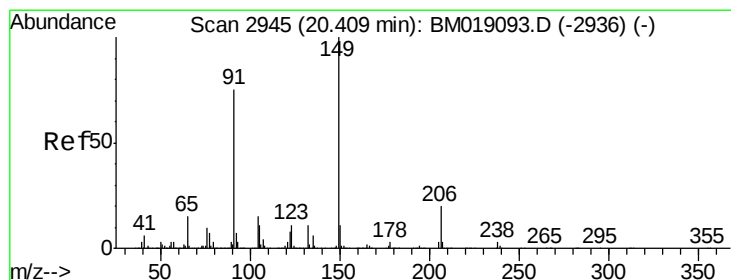
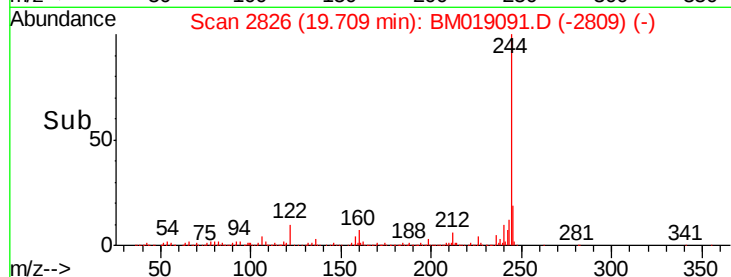
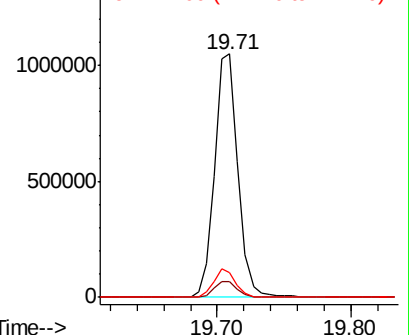
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.3	9.4	14.2



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: 9.315 ng

RT: 20.40 min Scan# 2944

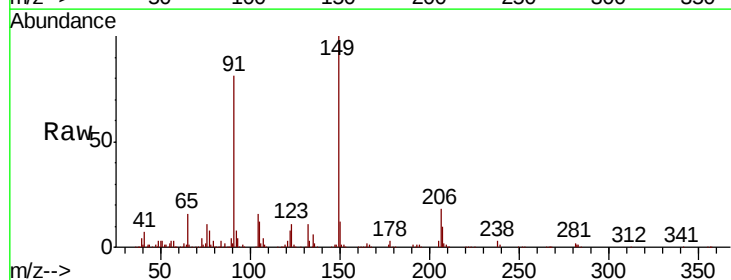
Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Tgt Ion:149 Resp: 327251

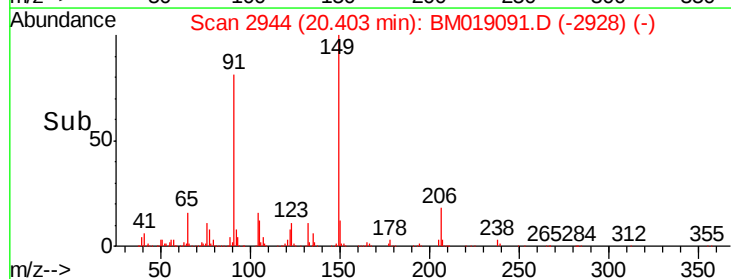
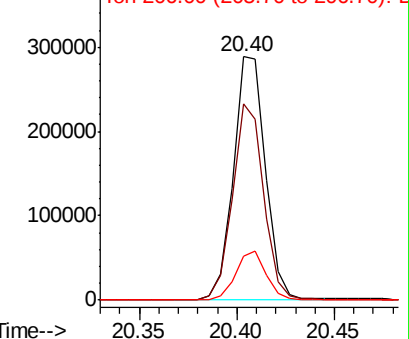
Ion	Ratio	Lower	Upper
149	100		
91	80.6	60.1	90.1
206	17.9	16.2	24.2

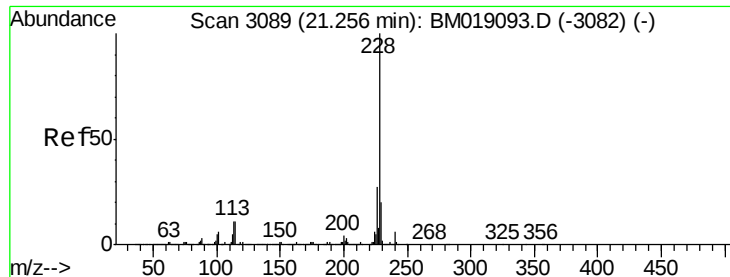


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.562 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

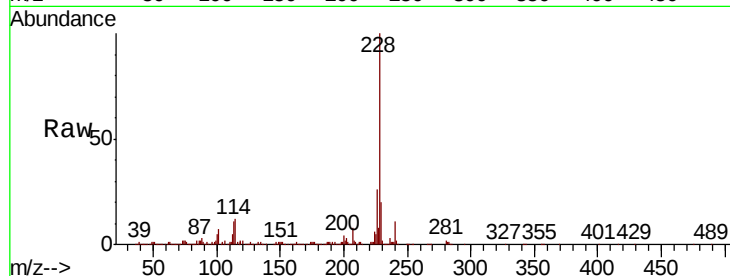
Tot Ion:228 Resp: 817186

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

229 19.5 15.8 23.6

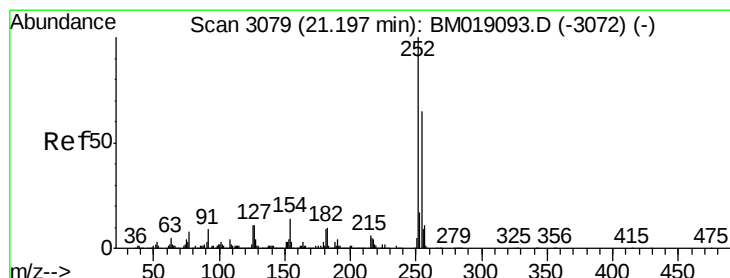
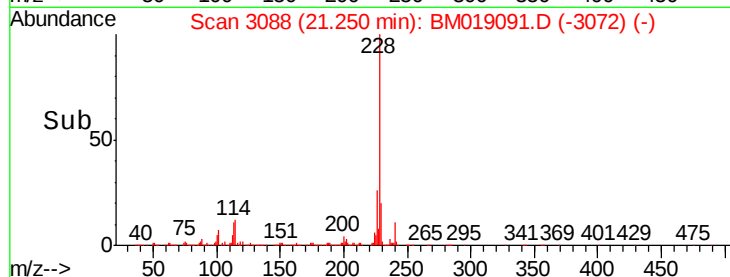
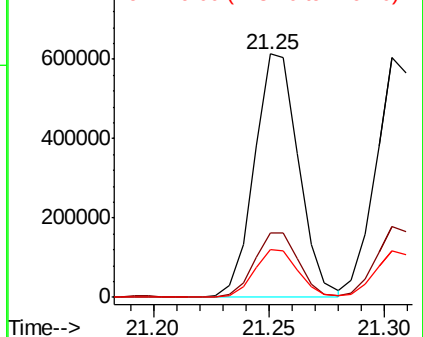


Abundance

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: 10.270 ng

RT: 21.20 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

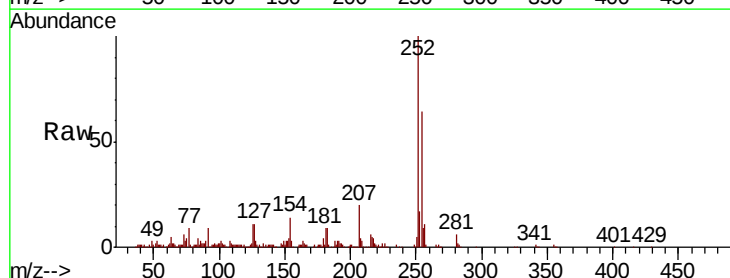
Tgt Ion:252 Resp: 314040

Ion Ratio Lower Upper

252 100

254 64.4 52.4 78.6

126 11.0 9.0 13.6

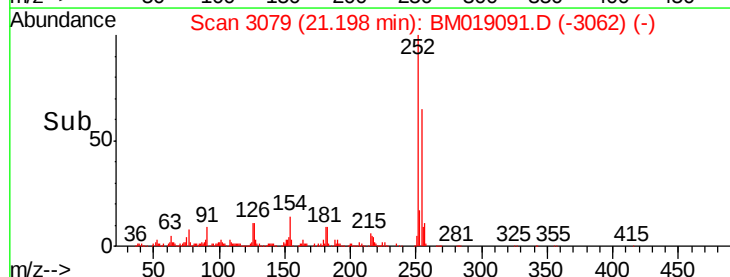
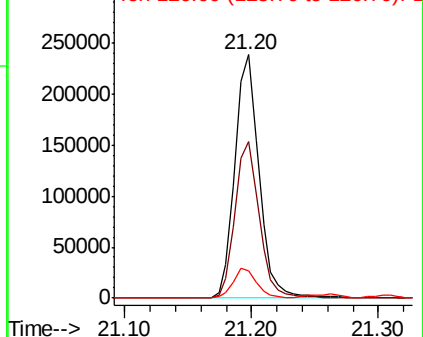


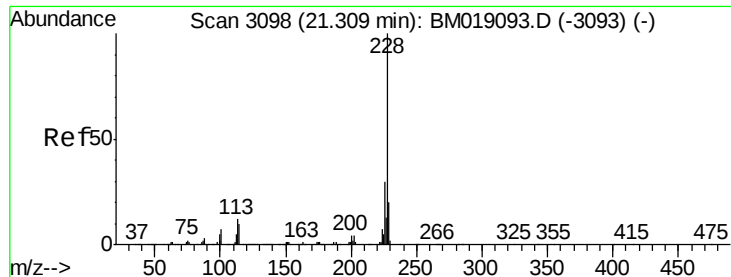
Abundance

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: 10.642 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

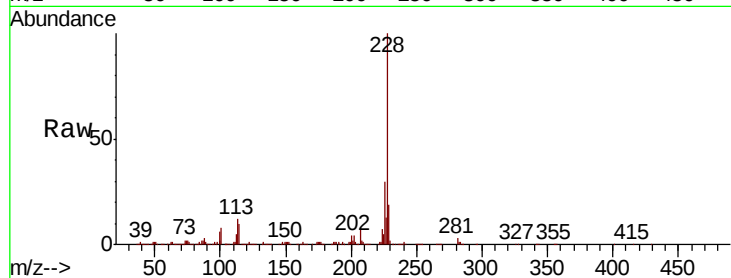
Tot Ion:228 Resp: 789178

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.3	15.7	23.5

228 100

226 29.6 23.8 35.8

229 19.3 15.7 23.5

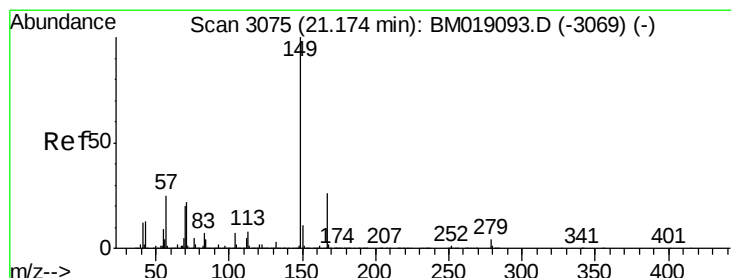
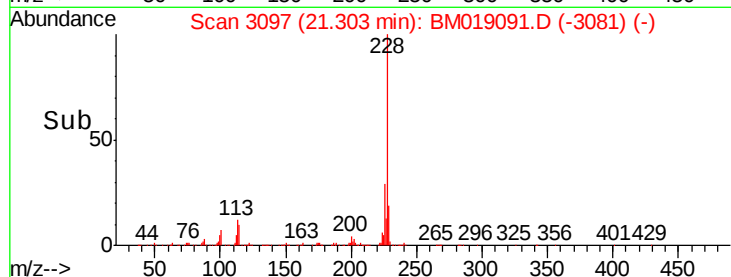
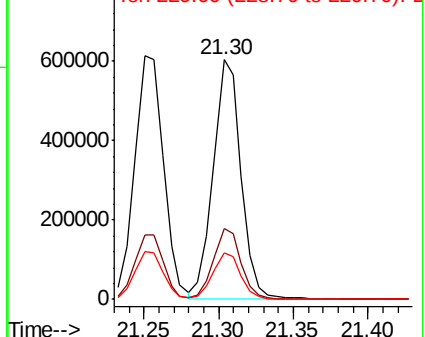


Abundance

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: 9.383 ng

RT: 21.17 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

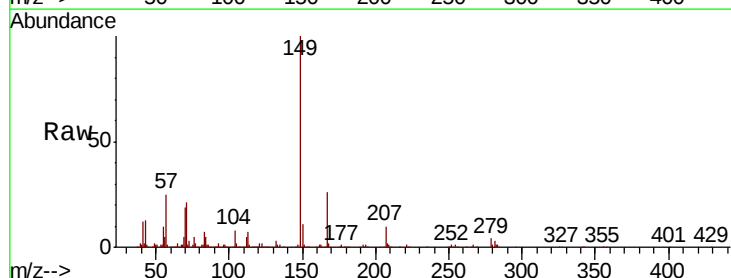
Tgt Ion:149 Resp: 482466

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.1	31.7
279	4.2	3.2	4.8

149 100

167 25.7 21.1 31.7

279 4.2 3.2 4.8

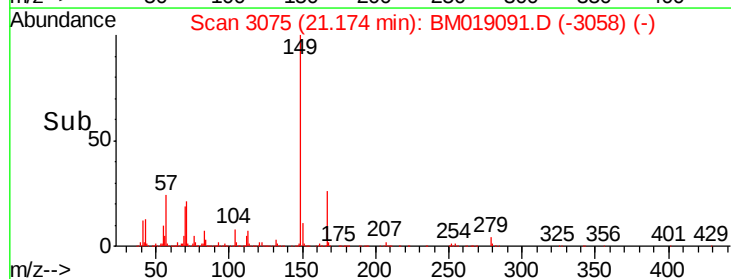
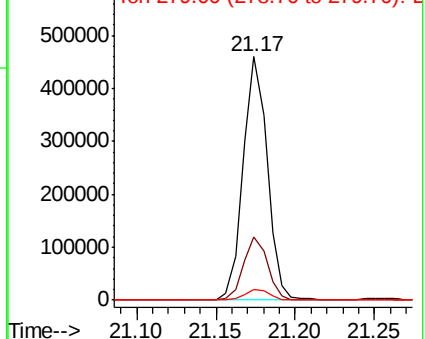


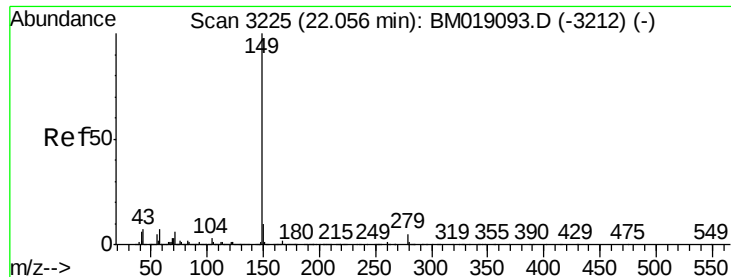
Abundance

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: 9.603 ng

RT: 22.05 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

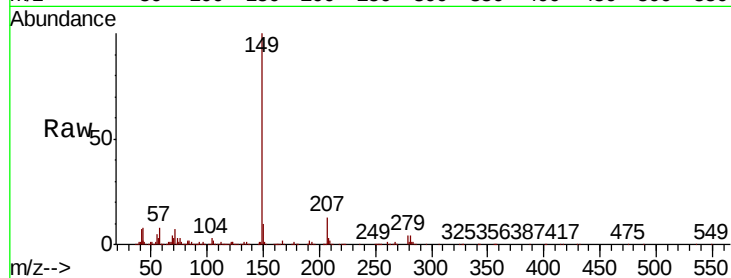
Tot Ion:149 Resp: 829956

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

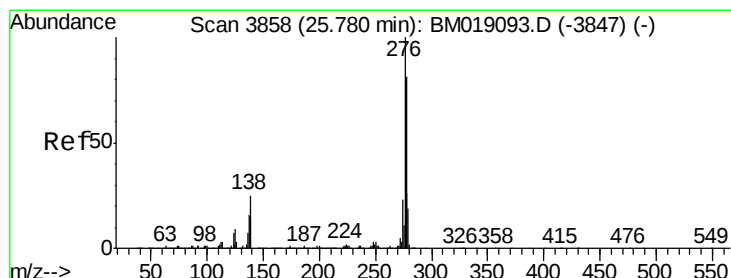
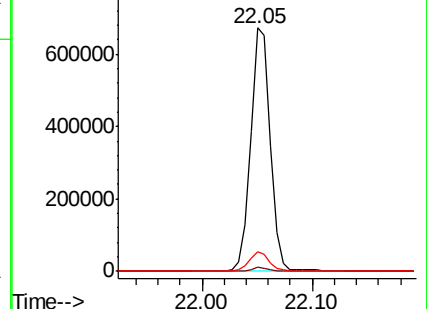
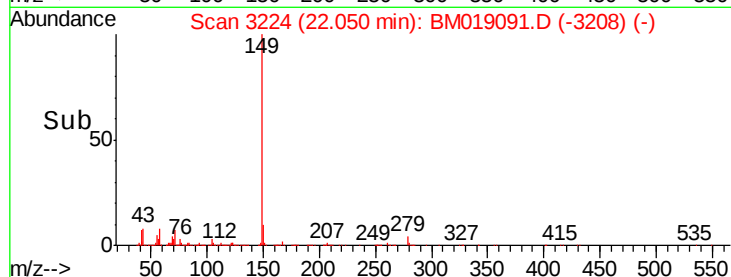
43 7.8 6.1 9.1



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: 11.295 ng

RT: 25.77 min Scan# 3857

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

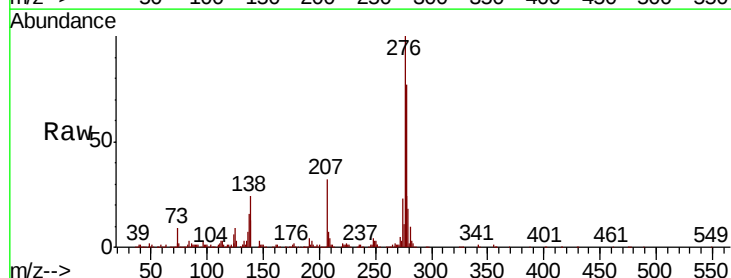
Tgt Ion:276 Resp: 967108

Ion Ratio Lower Upper

276 100

138 24.5 19.8 29.8

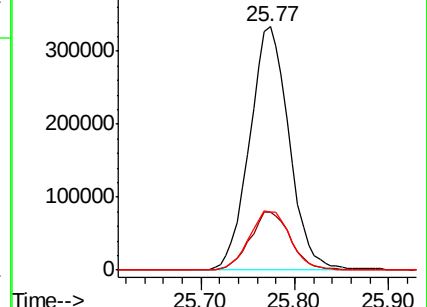
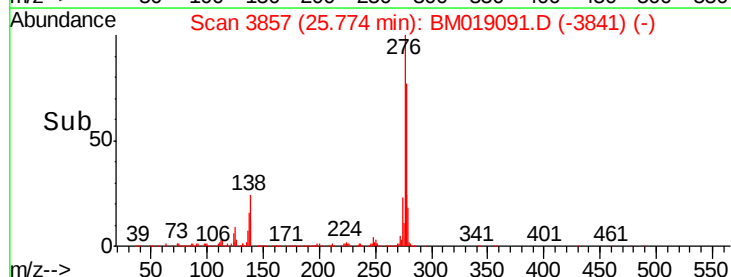
277 25.4 20.3 30.5

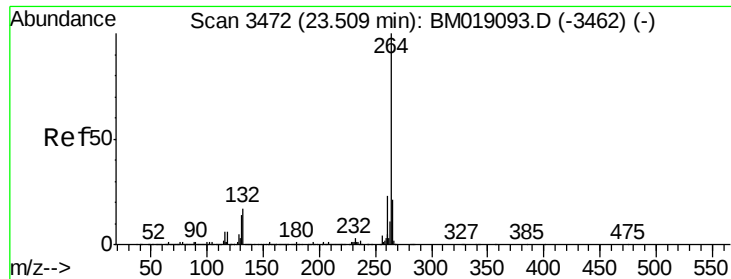


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



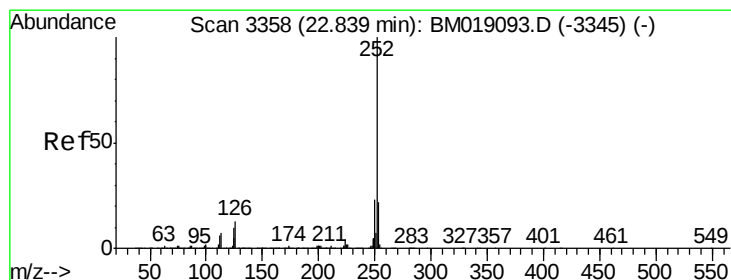
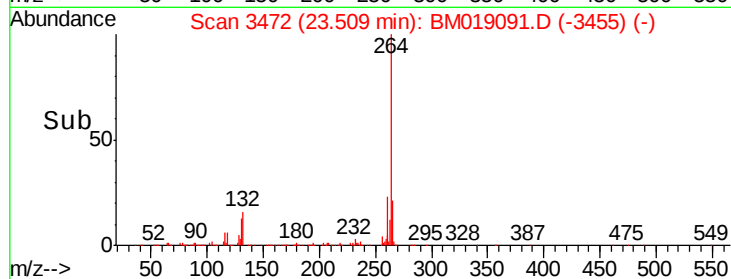
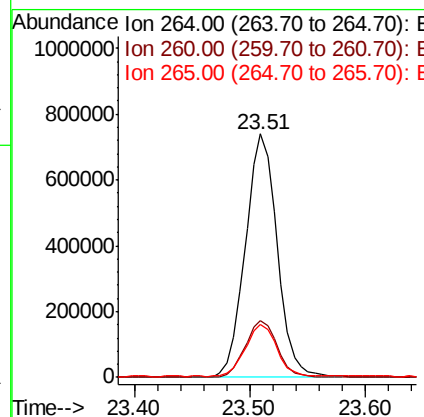
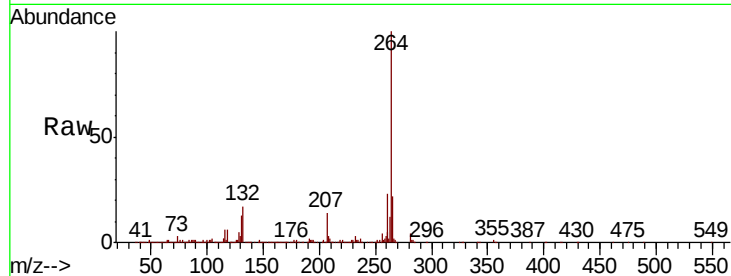


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. 0.00 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1420807

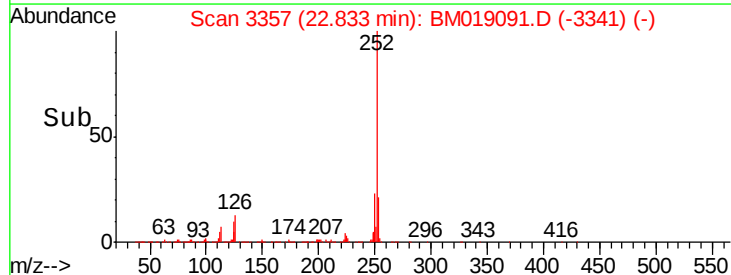
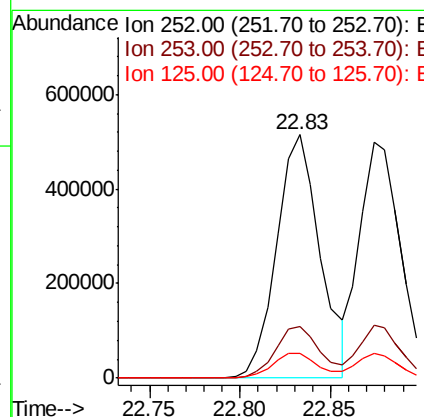
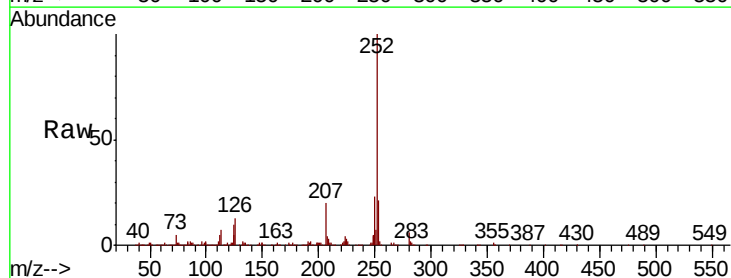
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.7	17.3	25.9

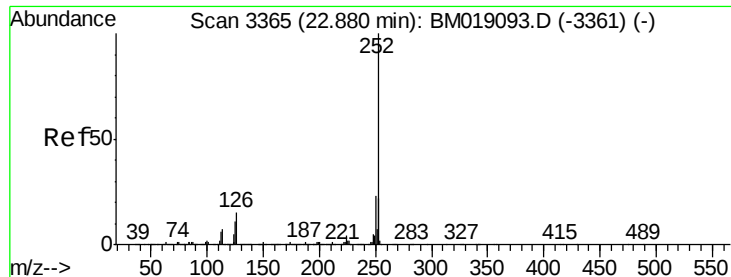


#88
Benzo(b)fluoranthene
Concen: 10.587 ng
RT: 22.83 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM019091.D
Acq: 11 Mar 2019 13:32

Tgt Ion:252 Resp: 860587

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	10.3	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 9.692 ng

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Instrument :

BNA_M

ClientSampleId :

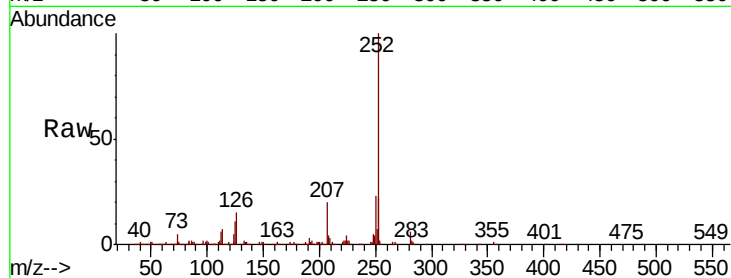
Tot Ion:252 Resp: 784377

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

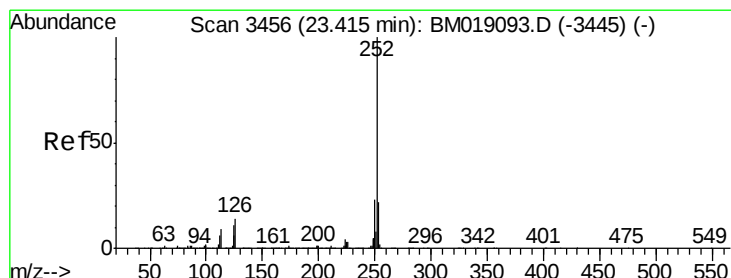
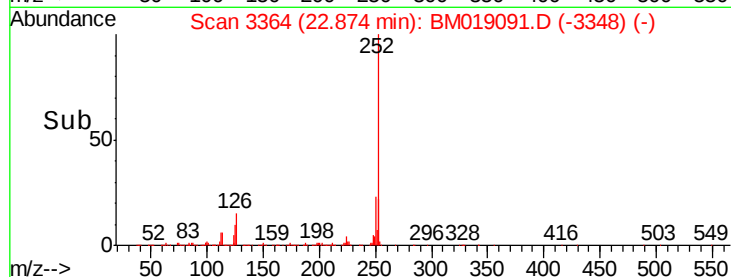
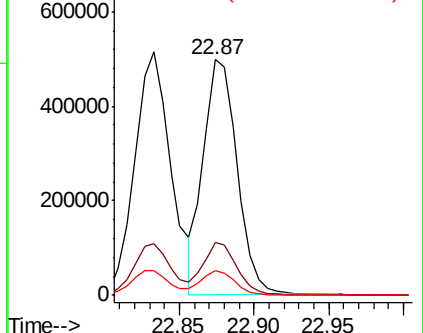
125 10.6 8.8 13.2



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: 10.102 ng

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

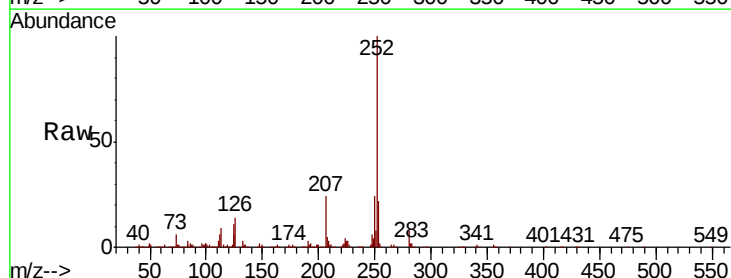
Tgt Ion:252 Resp: 777903

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

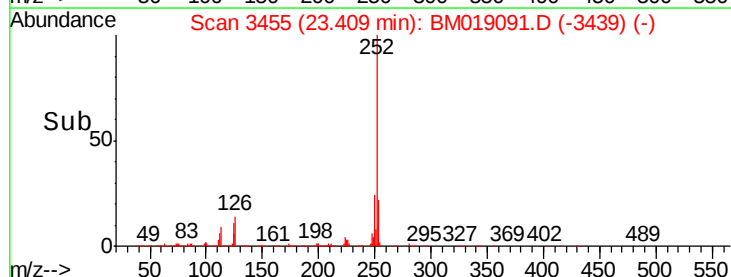
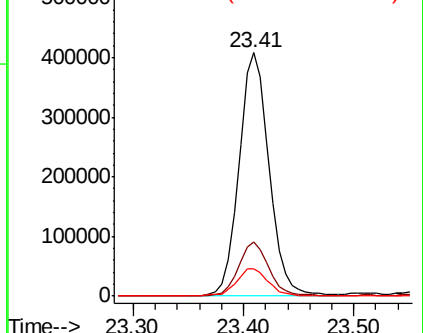
125 11.2 9.2 13.8

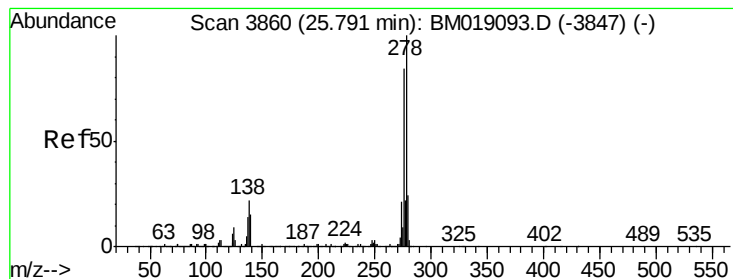


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 10.622 ng

RT: 25.79 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

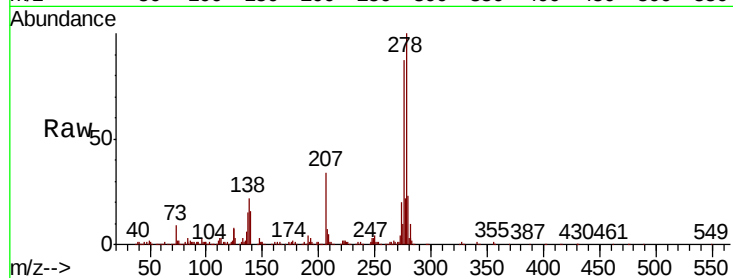
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 810437

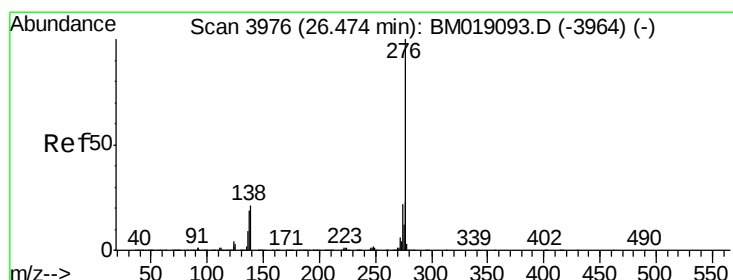
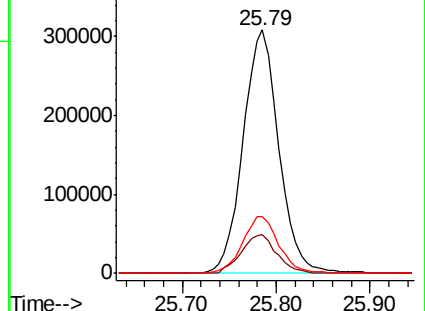
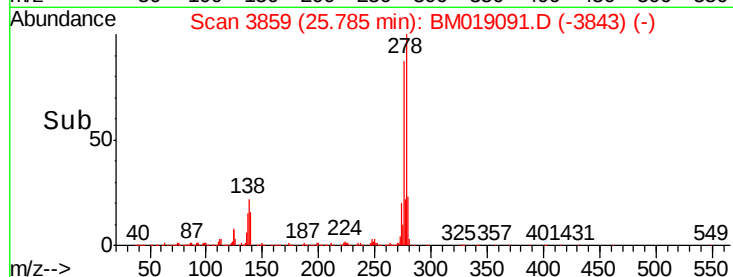
Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	23.4	18.9	28.3



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



#92

Benzo(g,h,i)perylene

Concen: 10.866 ng

RT: 26.47 min Scan# 3975

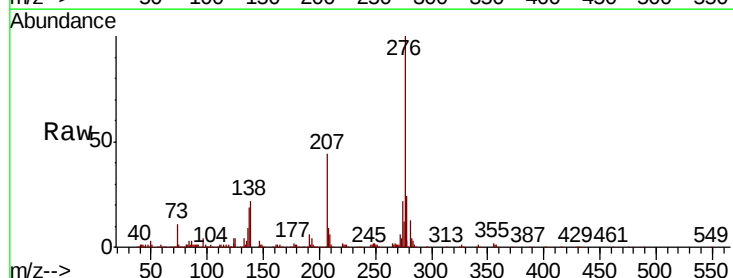
Delta R.T. -0.01 min

Lab File: BM019091.D

Acq: 11 Mar 2019 13:32

Tgt Ion:276 Resp: 771790

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.0	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

