

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019263.D
 Acq On : 20 Mar 2019 15:54
 Operator : JU/SJ
 Sample : PB118000BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:12:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	223242	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1003393	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	589064	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1242792	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1070734	20.00	ng	0.00
87) Perylene-d12	23.47	264	898586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1973045	143.13	ng	0.00
7) Phenol-d6	6.82	99	2810561	139.39	ng	0.00
23) Nitrobenzene-d5	8.80	82	1618465	76.25	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1148886	132.10	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3543949	78.26	ng	0.00
79) Terphenyl-d14	19.69	244	4895621	90.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	199393	32.515	ng	100
3) Pyridine	3.60	79	449005	26.913	ng	100
4) n-Nitrosodimethylamine	3.52	42	173309	33.415	ng	99
6) Aniline	6.98	93	882324	33.894	ng	98
8) 2-Chlorophenol	7.20	128	689740	41.638	ng	99
9) Benzaldehyde	6.80	77	374074	29.495	ng	98
10) Phenol	6.85	94	933612	42.964	ng	99
11) bis(2-Chloroethyl)ether	7.08	93	616019	37.151	ng	99
12) 1,3-Dichlorobenzene	7.52	146	623661	35.576	ng	99
13) 1,4-Dichlorobenzene	7.67	146	646368	36.166	ng	99
14) 1,2-Dichlorobenzene	7.98	146	641031	36.866	ng	100
15) Benzyl Alcohol	7.89	79	644057	38.595	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	614705	36.307	ng	98
17) 2-Methylphenol	8.08	107	600265	42.391	ng	99
18) Hexachloroethane	8.69	117	238110	35.854	ng	99
19) n-Nitroso-di-n-propylamine	8.45	70	601790	36.380	ng	99
20) 3+4-Methylphenols	8.42	107	819969	42.660	ng	99
22) Acetophenone	8.47	105	1001903	36.131	ng	# 99
24) Nitrobenzene	8.85	77	840682	38.081	ng	99
25) Isophorone	9.36	82	1514254	37.385	ng	99
26) 2-Nitrophenol	9.55	139	363653	39.740	ng	100
27) 2,4-Dimethylphenol	9.60	122	643524	47.304	ng	97
28) bis(2-Chloroethoxy)methane	9.85	93	917630	38.261	ng	99
29) 2,4-Dichlorophenol	10.07	162	669879	44.461	ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	659931	38.844	ng	100
31) Naphthalene	10.47	128	2028448	38.355	ng	99
32) Benzoic acid	9.79	122	383304	33.269	ng	97
33) 4-Chloroaniline	10.60	127	502172	23.164	ng	99
34) Hexachlorobutadiene	10.73	225	361677	37.097	ng	99
35) Caprolactam	11.43	113	90536	16.869	ng	96
36) 4-Chloro-3-methylphenol	11.73	107	750735	40.383	ng	98
37) 2-Methylnaphthalene	12.09	142	1517474	39.486	ng	99
38) 1-Methylnaphthalene	12.31	142	1454760	38.404	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	725329	38.926	ng	99

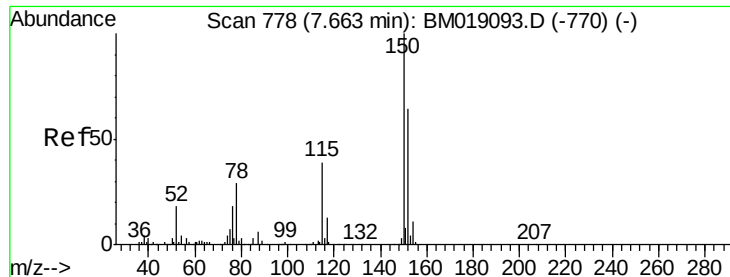
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	720606	85.377	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	530369	44.044	ng	98
44) 2,4,5-Trichlorophenol	12.79	196	552320	42.893	ng	99
46) 1,1'-Biphenyl	13.12	154	1967567	38.247	ng	99
47) 2-Chloronaphthalene	13.16	162	1532156	39.901	ng	99
48) 2-Nitroaniline	13.39	65	507407	39.401	ng	99
49) Acenaphthylene	14.02	152	2482634	38.237	ng	100
50) Dimethylphthalate	13.76	163	1944820	38.594	ng	100
51) 2,6-Dinitrotoluene	13.89	165	431721	39.632	ng	99
52) Acenaphthene	14.36	154	1434198	38.442	ng	98
53) 3-Nitroaniline	14.23	138	306668	26.581	ng	98
54) 2,4-Dinitrophenol	14.44	184	445509	70.423	ng	99
55) Dibenzofuran	14.70	168	2331679	38.754	ng	99
56) 4-Nitrophenol	14.54	139	687703	73.006	ng	97
57) 2,4-Dinitrotoluene	14.69	165	597854	37.809	ng	98
58) Fluorene	15.34	166	1900882	38.329	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	488622	40.760	ng	100
60) Diethylphthalate	15.13	149	1968666	38.574	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	947761	39.348	ng	99
62) 4-Nitroaniline	15.40	138	393418	33.837	ng	98
63) Azobenzene	15.64	77	2065546	38.462	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	299405	36.764	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1643570	41.540	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	558583	40.758	ng	99
68) Hexachlorobenzene	16.34	284	663761	40.738	ng	95
69) Atrazine	16.53	200	519963	39.039	ng	99
70) Pentachlorophenol	16.70	266	765457	77.975	ng	100
71) Phenanthrene	17.09	178	2821714	38.736	ng	100
72) Anthracene	17.18	178	2852382	39.999	ng	99
73) Carbazole	17.46	167	2511794	37.319	ng	100
74) Di-n-butylphthalate	18.02	149	3281167	40.314	ng	100
75) Fluoranthene	19.12	202	2987079	35.736	ng	100
77) Benzidine	19.32	184	1261783	41.552	ng	99
78) Pyrene	19.48	202	3032808	44.767	ng	100
80) Butylbenzylphthalate	20.39	149	1385457	46.953	ng	97
81) Benzo(a)anthracene	21.23	228	2578631	38.387	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	824186	31.849	ng	99
83) Chrysene	21.29	228	2449614	37.694	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1997501	46.531	ng	100
85) Di-n-octyl phthalate	22.03	149	3078109	42.582	ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2818284	40.286	ng	99
88) Benzo(b)fluoranthene	22.80	252	2361487	40.557	ng	100
89) Benzo(k)fluoranthene	22.85	252	2381681	44.472	ng	100
90) Benzo(a)pyrene	23.38	252	2280734	43.587	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2392663	47.801	ng	100
92) Benzo(g,h,i)perylene	26.42	276	2326860	50.633	ng	100

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

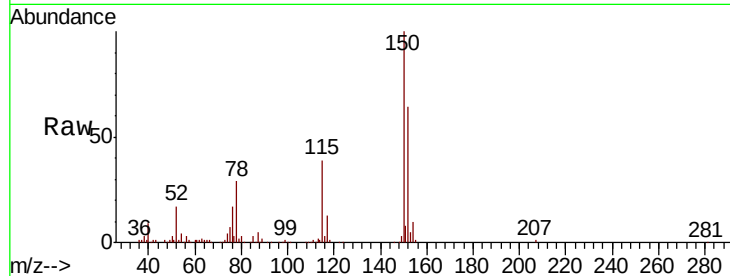


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	223242
Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.6
115	60.3	48.9	73.3

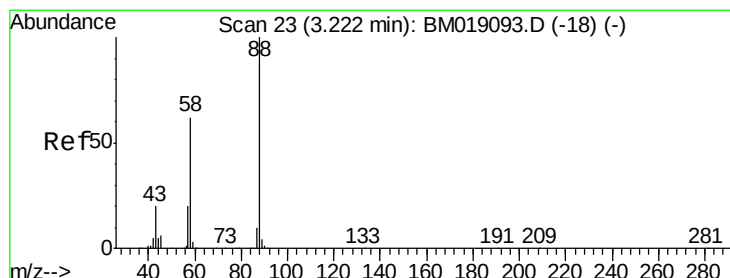
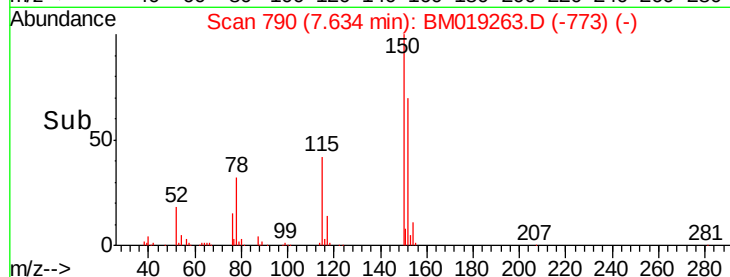
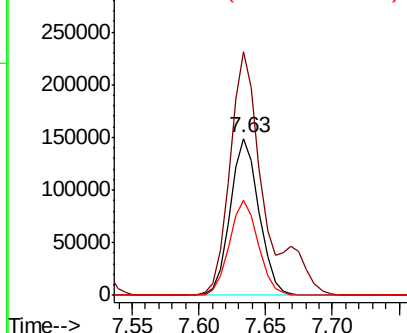


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

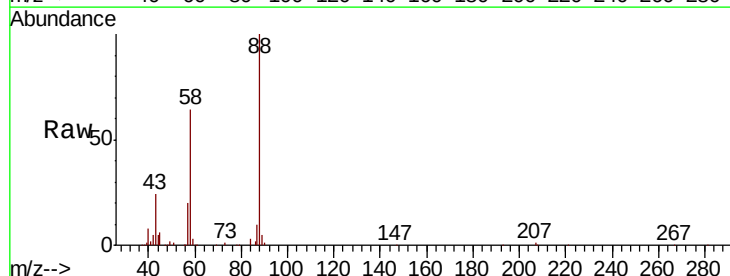
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.515 ng
RT: 3.20 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion	88	Resp	199393
Ion	Ratio	Lower	Upper
88	100		
58	61.8	49.5	74.3
43	21.4	17.2	25.8

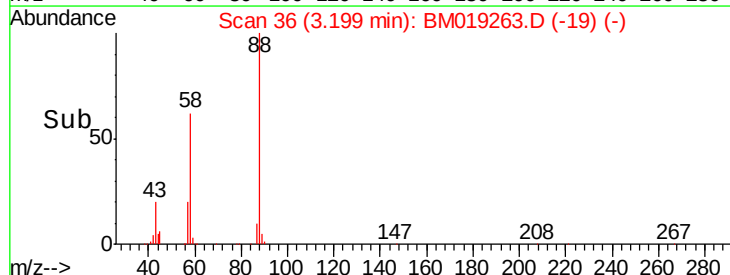
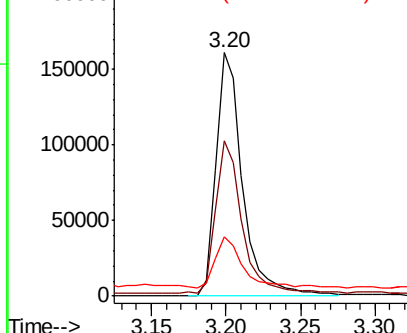


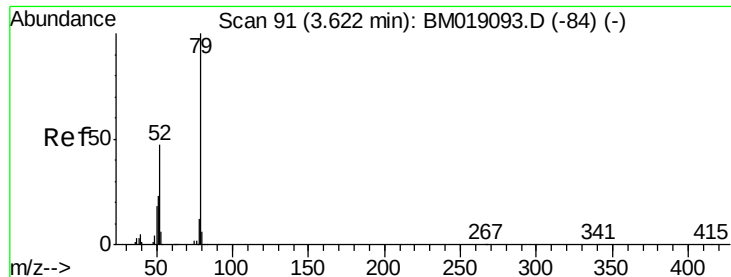
Abundance

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: 26.913 ng

RT: 3.60 min Scan# 104

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

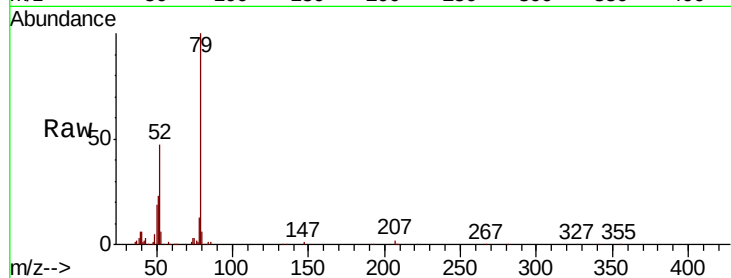
Tot Ion: 79 Resp: 449005

Ion Ratio Lower Upper

79 100

52 47.4 38.1 57.1

51 23.4 19.0 28.6



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

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

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

300000

250000

200000

150000

100000

50000

0

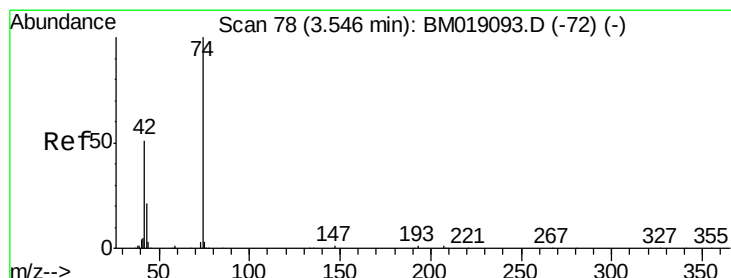
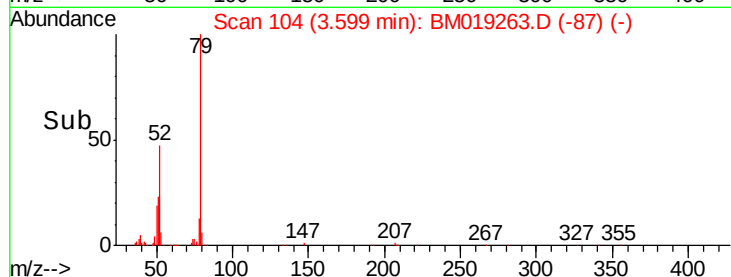
3.60

3.50

3.70

3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 33.415 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

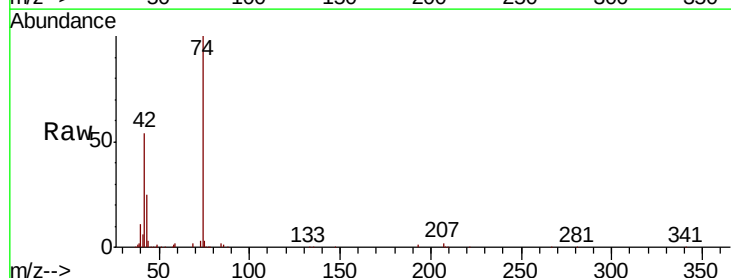
Tgt Ion: 42 Resp: 173309

Ion Ratio Lower Upper

42 100

74 183.9 148.6 222.8

44 5.5 4.6 7.0



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

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

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

250000

200000

150000

100000

50000

0

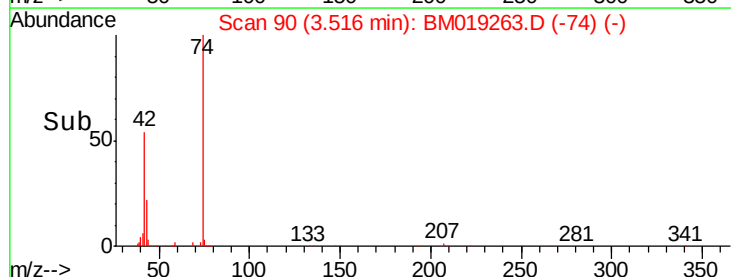
3.52

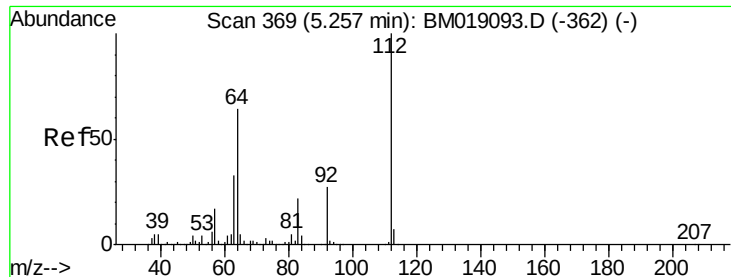
3.50

3.60

3.70

Time-->





#5

2-Fluorophenol

Concen: 143.132 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

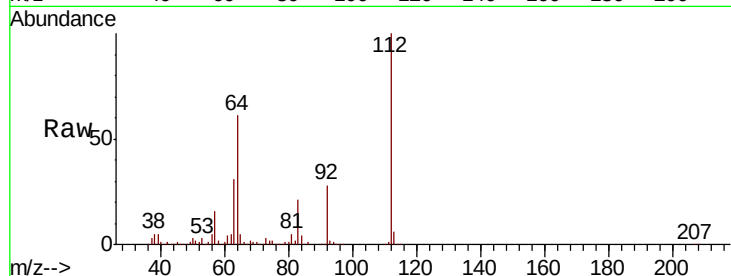
Tot Ion:112 Resp: 1973045

Ion Ratio Lower Upper

112 100

64 61.3 50.6 75.8

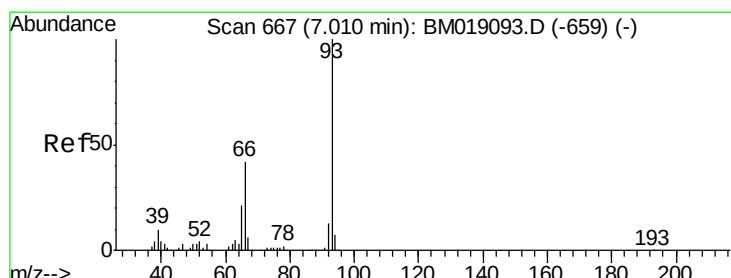
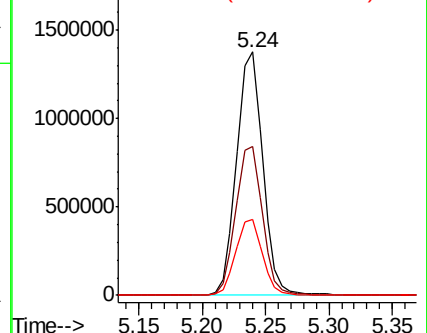
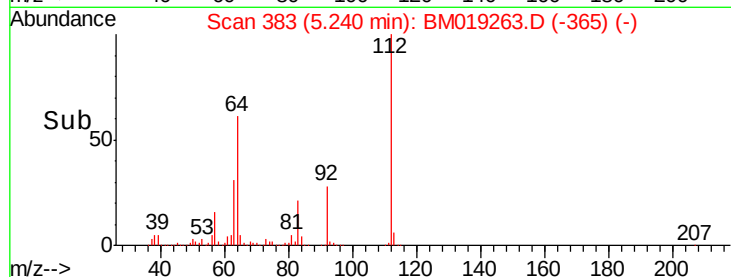
63 31.1 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 33.894 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

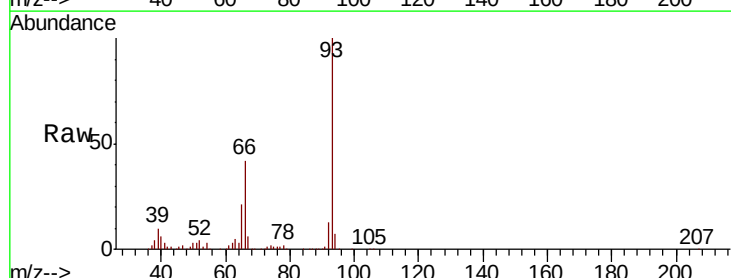
Tgt Ion: 93 Resp: 882324

Ion Ratio Lower Upper

93 100

66 42.3 32.8 49.2

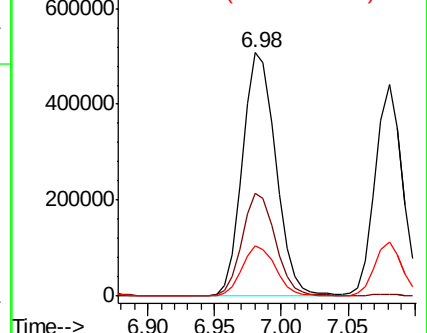
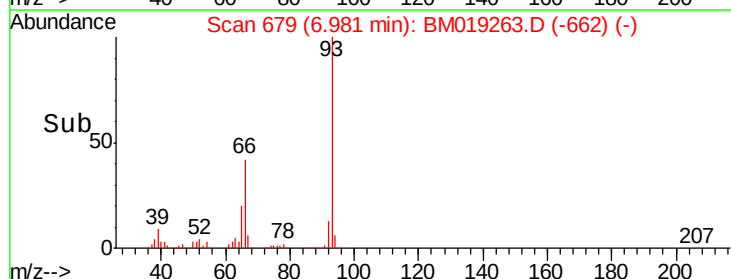
65 20.7 16.2 24.4

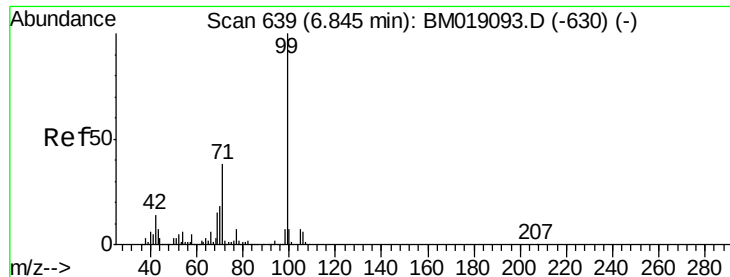


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 139.391 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

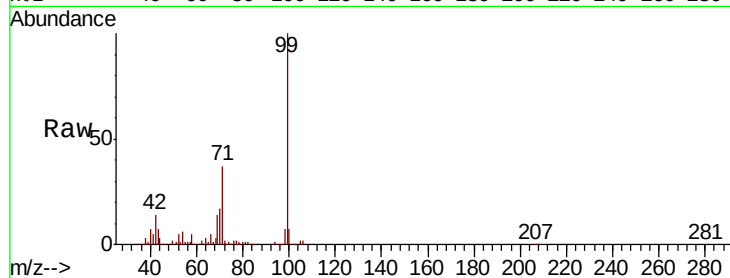
Tot Ion: 99 Resp: 2810561

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

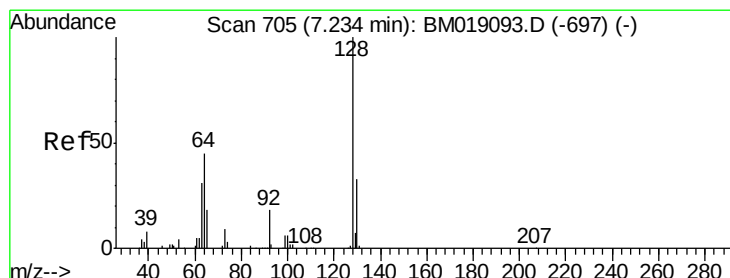
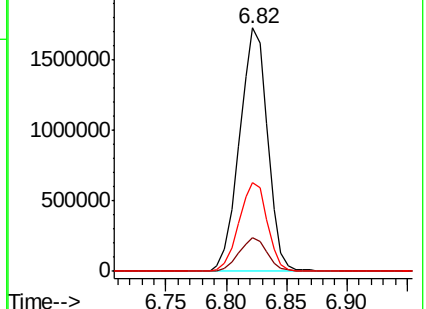
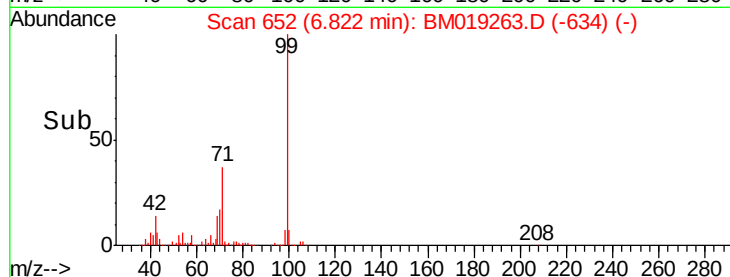
71 36.7 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BM019263.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM019263.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM019263.D (-634) (-)



#8

2-Chlorophenol

Concen: 41.638 ng

RT: 7.20 min Scan# 717

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

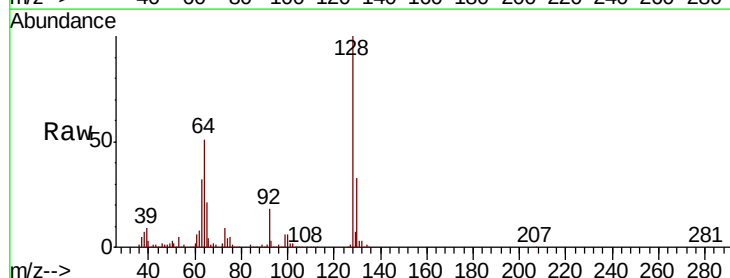
Tgt Ion: 128 Resp: 689740

Ion Ratio Lower Upper

128 100

130 32.6 11.7 51.7

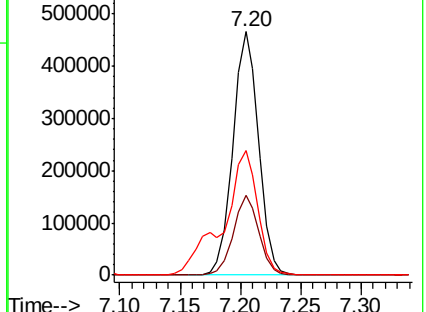
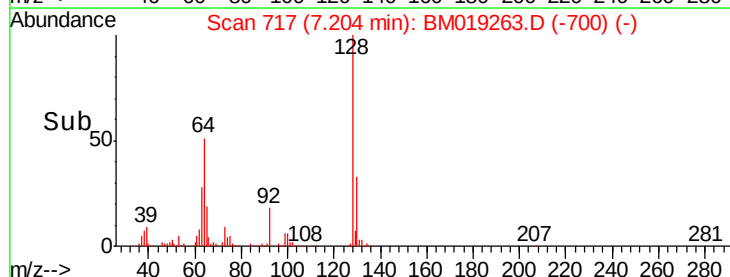
64 51.1 30.6 70.6

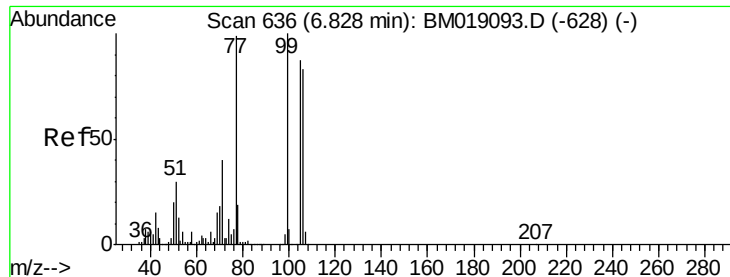


Abundance Ion 128.00 (127.70 to 128.70): BM019263.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM019263.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM019263.D (-700) (-)





#9

Benzaldehyde

Concen: 29.495 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

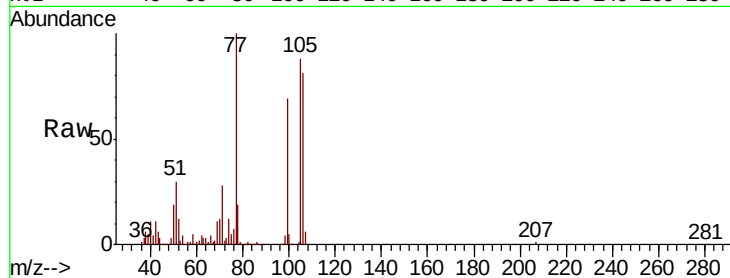
Tot Ion: 77 Resp: 374074

Ion Ratio Lower Upper

77 100

105 88.2 67.6 107.6

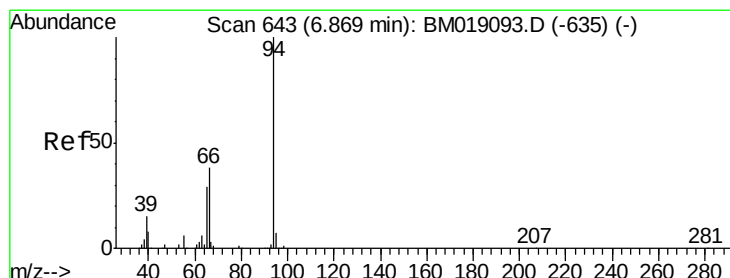
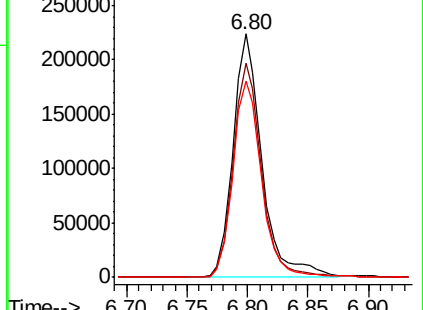
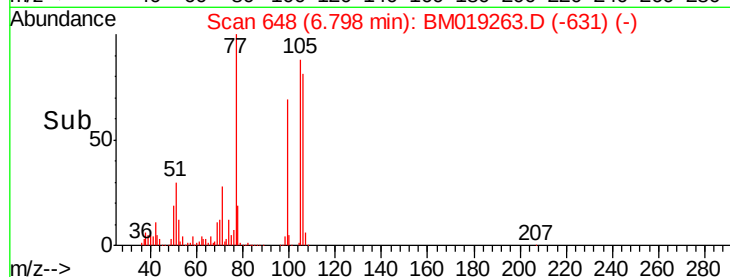
106 80.8 63.6 103.6



Abundance Ion 77.00 (76.70 to 77.70): BM019263.D (-631) (-)

Ion 105.00 (104.70 to 105.70): BM019263.D (-631) (-)

Ion 106.00 (105.70 to 106.70): BM019263.D (-631) (-)



#10

Phenol

Concen: 42.964 ng

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

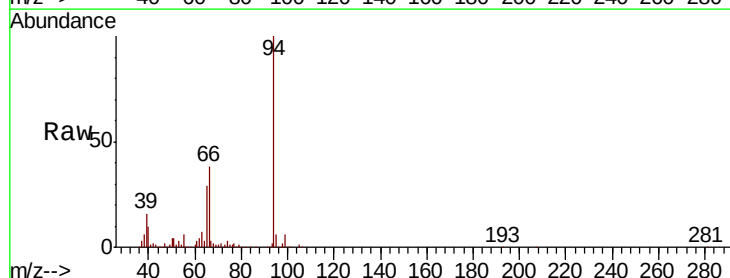
Tgt Ion: 94 Resp: 933612

Ion Ratio Lower Upper

94 100

65 29.4 9.2 49.2

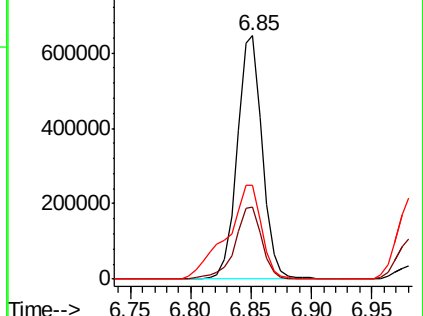
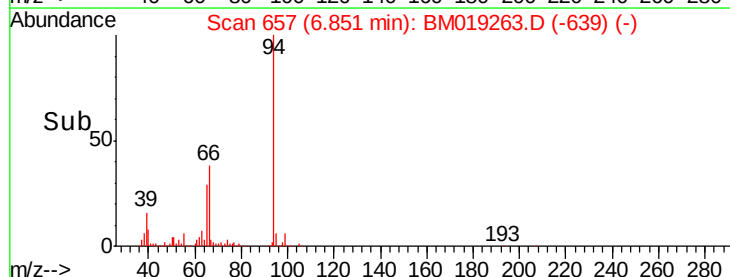
66 38.4 17.7 57.7

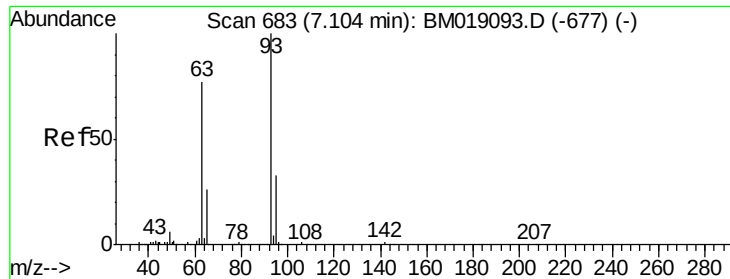


Abundance Ion 94.00 (93.70 to 94.70): BM019263.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM019263.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM019263.D (-639) (-)

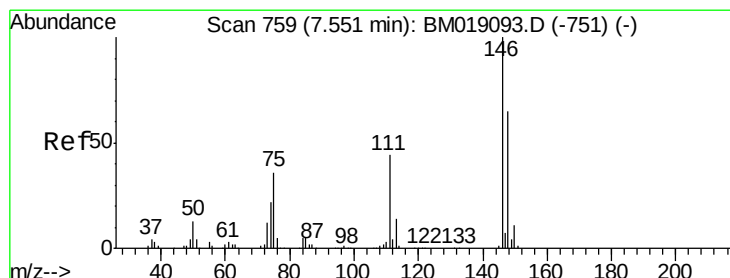
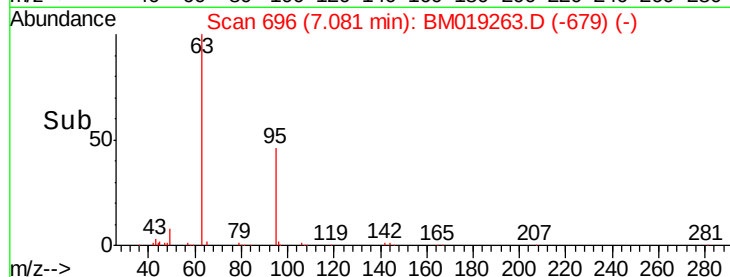
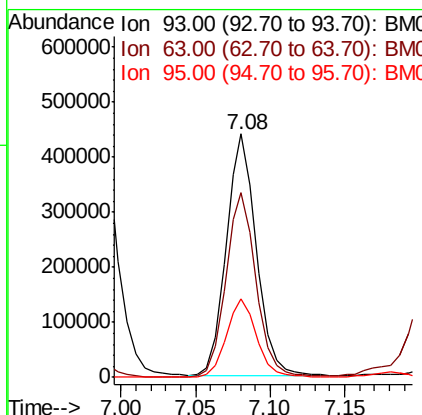
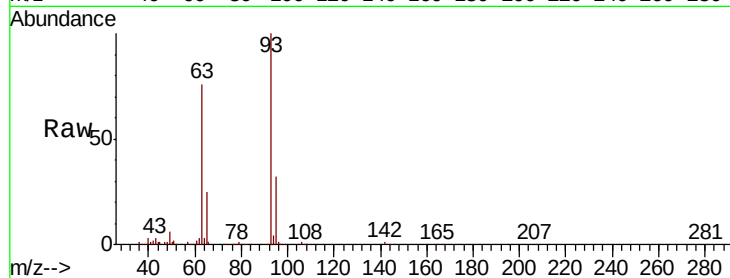




#11
bis(2-Chloroethyl)ether
Concen: 37.151 ng
RT: 7.08 min Scan# 696
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

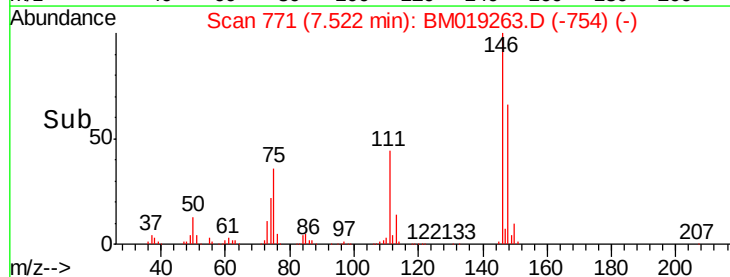
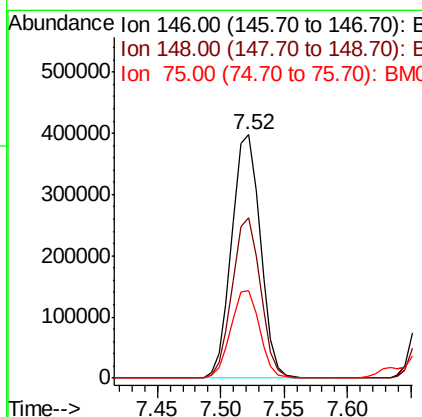
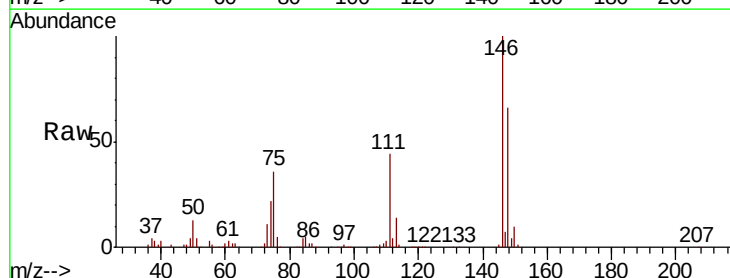
Instrument :
BNA_M
ClientSampleId :

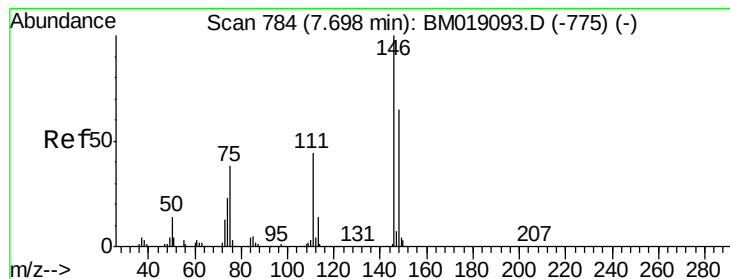
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	54.6	94.6
95	32.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 35.576 ng
RT: 7.52 min Scan# 771
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.2	76.8
75	35.7	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 36.166 ng

RT: 7.67 min Scan# 796

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampled :

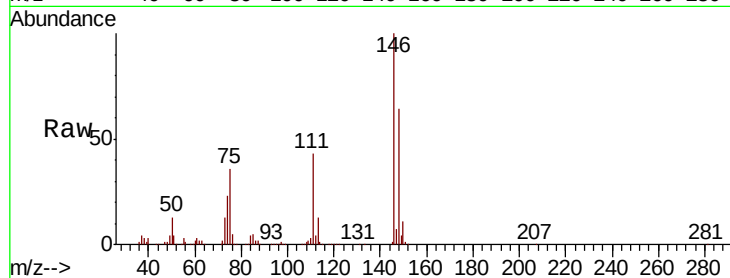
Tot Ion:146 Resp: 646368

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.4

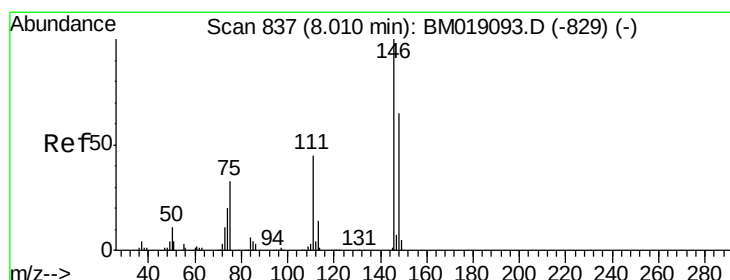
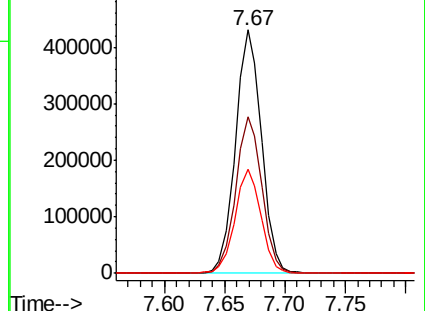
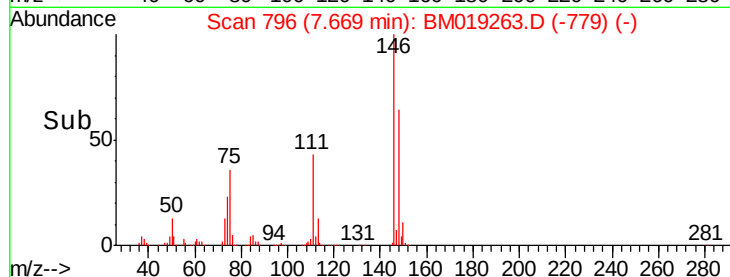
111 42.5 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.866 ng

RT: 7.98 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

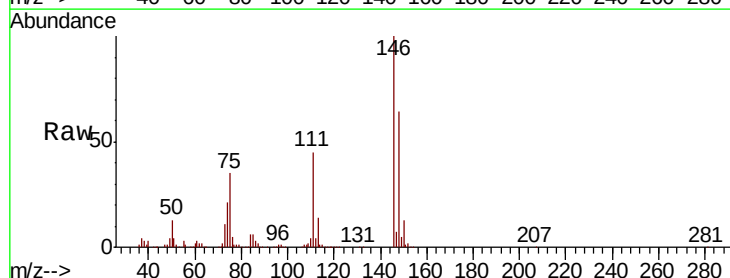
Tgt Ion:146 Resp: 641031

Ion Ratio Lower Upper

146 100

148 64.3 51.5 77.3

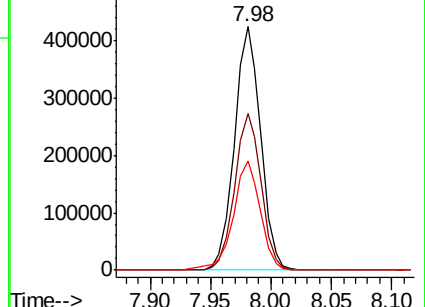
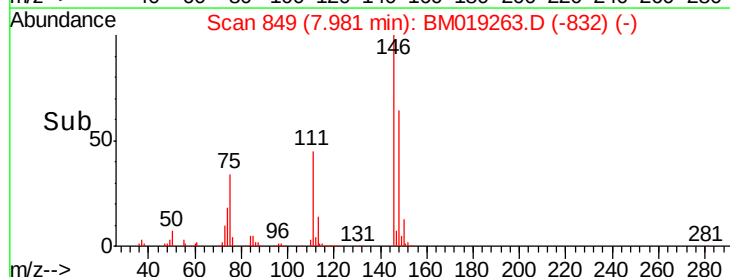
111 44.6 35.4 53.0

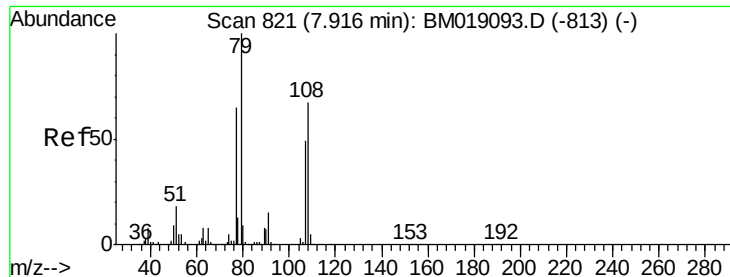


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.595 ng

RT: 7.89 min Scan# 834

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

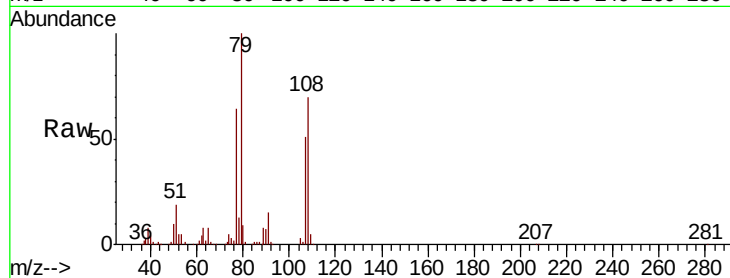
Tot Ion: 79 Resp: 644057

Ion Ratio Lower Upper

79 100

108 69.8 53.4 80.2

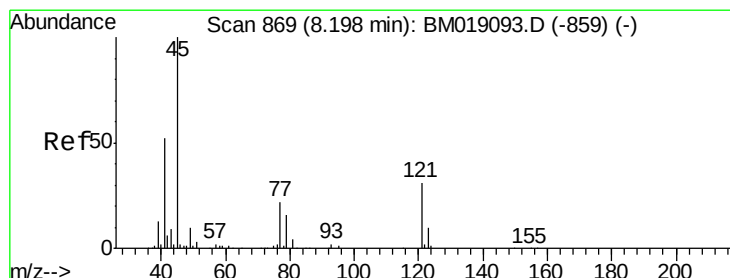
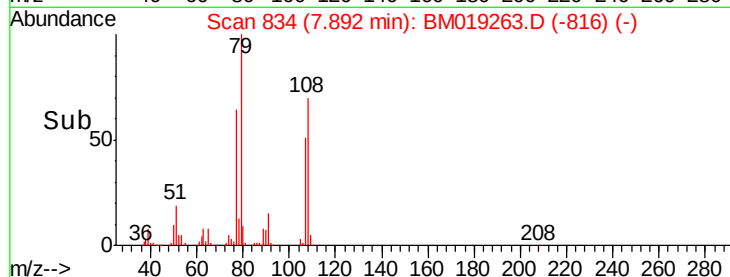
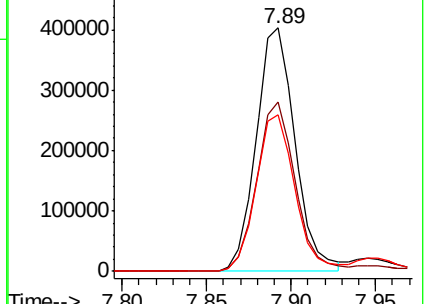
77 64.4 51.1 76.7



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

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

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.307 ng

RT: 8.17 min Scan# 881

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

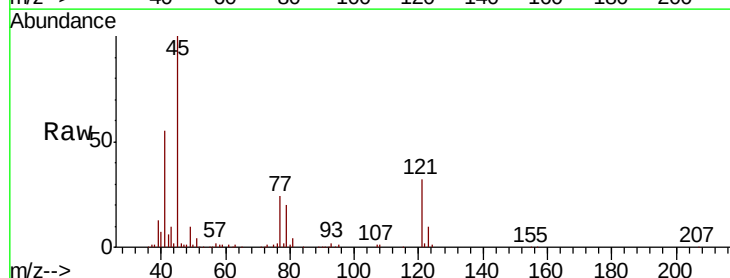
Tgt Ion: 45 Resp: 614705

Ion Ratio Lower Upper

45 100

77 23.5 3.0 43.0

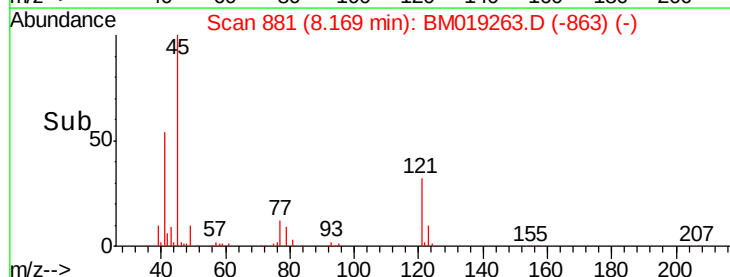
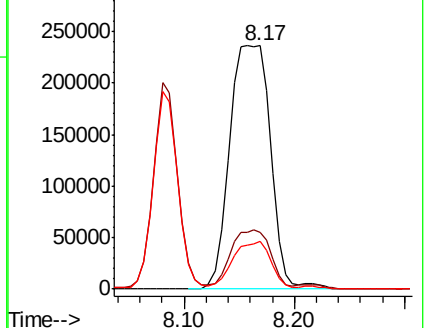
79 19.7 0.0 38.0

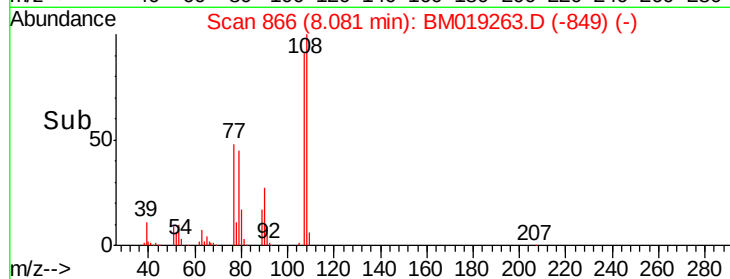
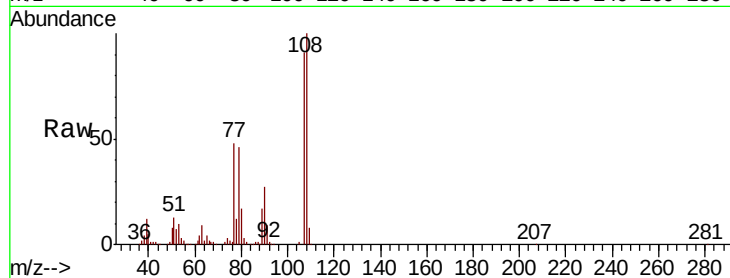
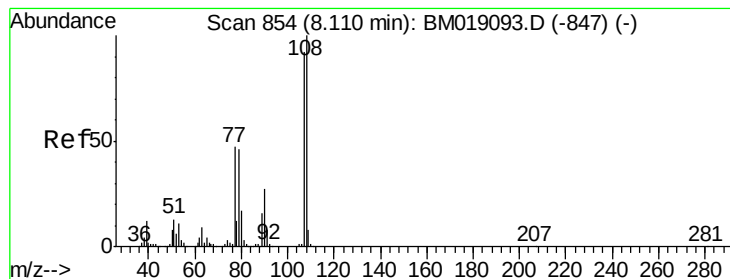


Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

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

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

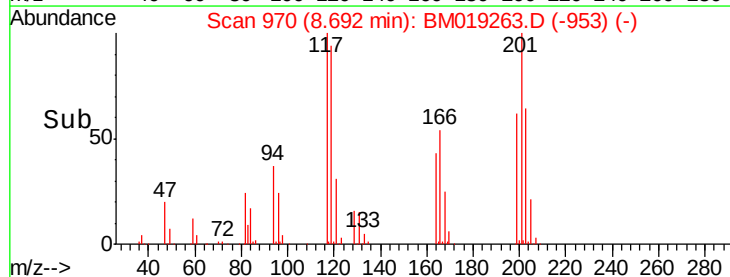
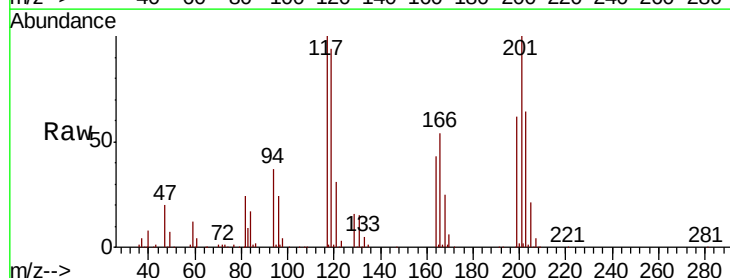
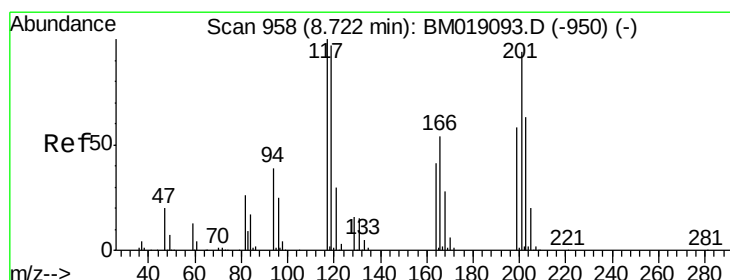
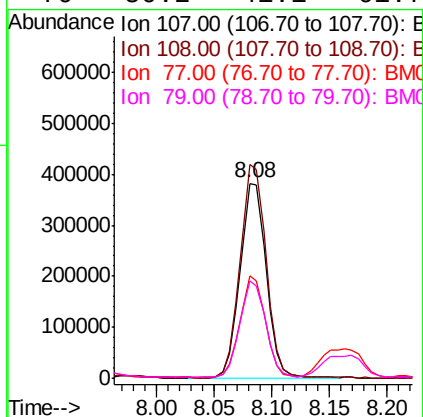




#17
2-Methylphenol
Concen: 42.391 ng
RT: 8.08 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

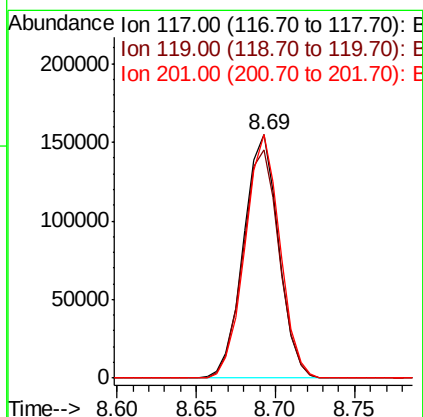
Instrument :
BNA_M
ClientSampleId :

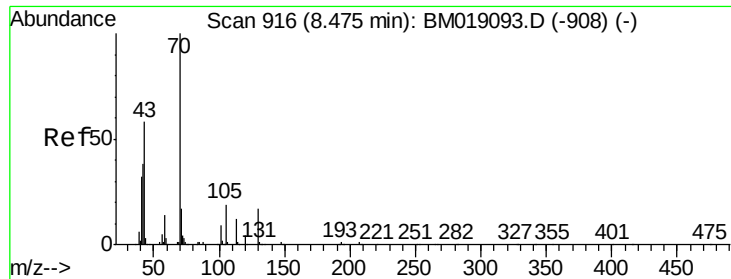
Tot Ion:	107	Resp:	600265
Ion	Ratio	Lower	Upper
107	100		
108	109.6	88.0	132.0
77	52.5	42.1	63.1
79	50.2	41.1	61.7



#18
Hexachloroethane
Concen: 35.854 ng
RT: 8.69 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:	117	Resp:	238110
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.2
201	100.0	80.8	121.2

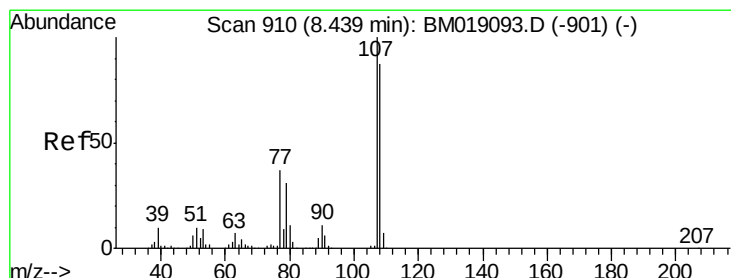
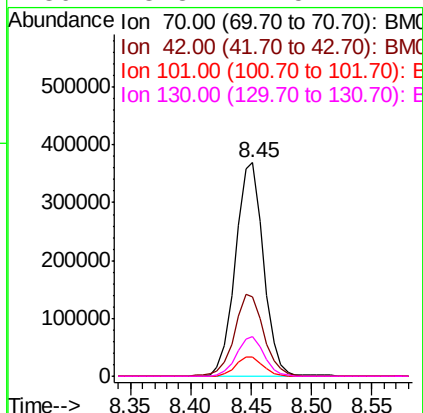
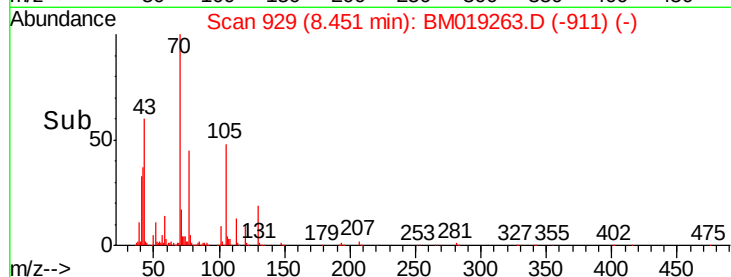
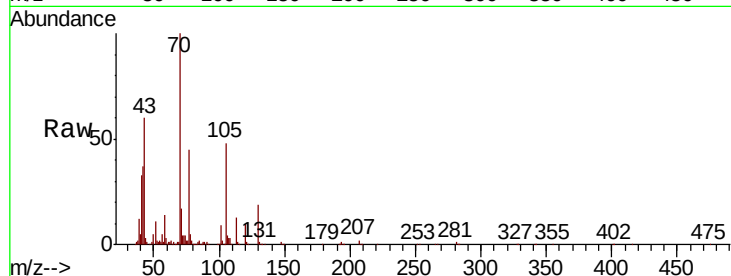




#19
n-Nitroso-di-n-propylamine
Concen: 36.380 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

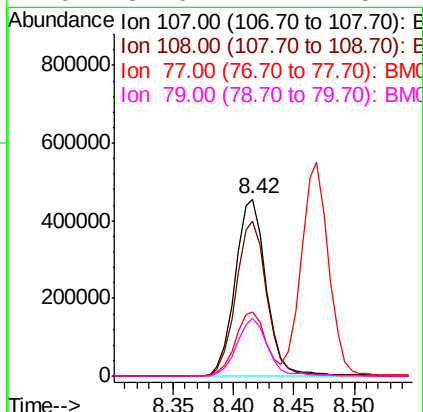
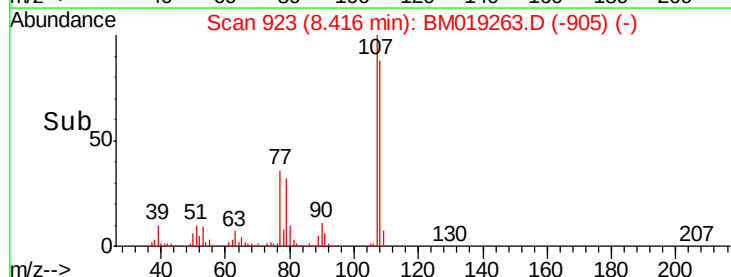
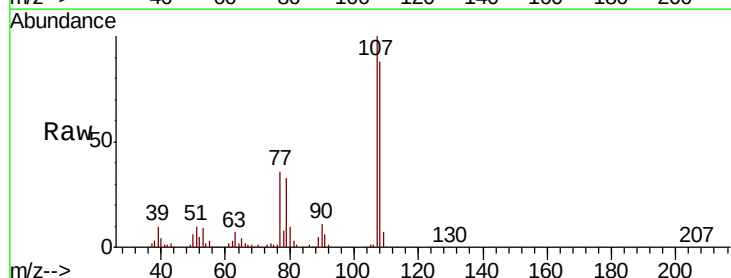
Instrument :
BNA_M
ClientSampled :

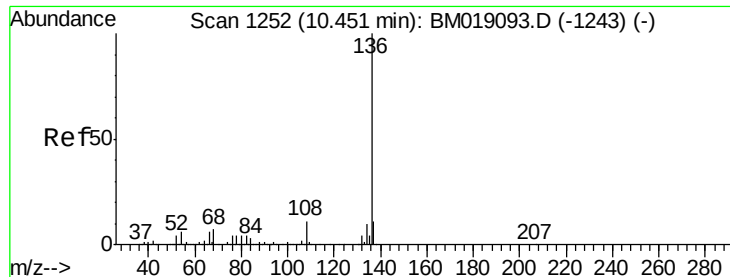
Tot Ion:	70	Resp:	601790
Ion	Ratio	Lower	Upper
70	100		
42	37.0	30.0	45.0
101	8.7	7.0	10.6
130	18.8	14.5	21.7



#20
3+4-Methylphenols
Concen: 42.660 ng
RT: 8.42 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:	107	Resp:	819969
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.0	107.0
77	36.5	16.8	56.8
79	32.6	11.2	51.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1003393

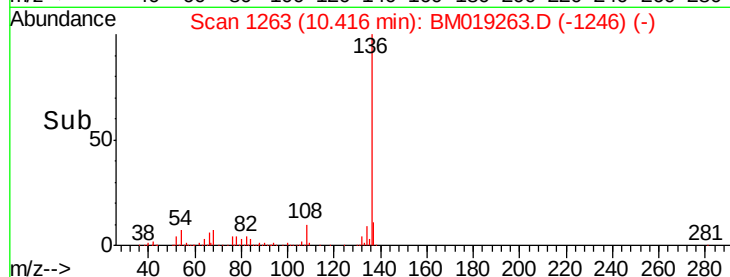
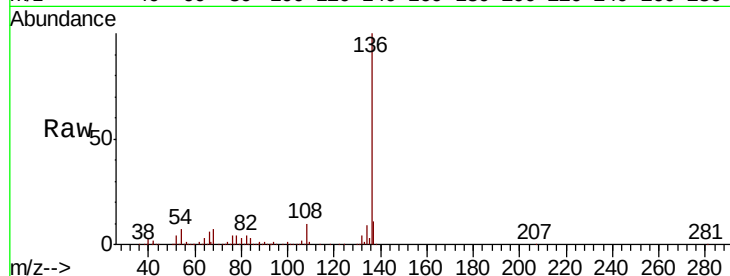
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.7 5.5 8.3

68 7.4 6.0 9.0

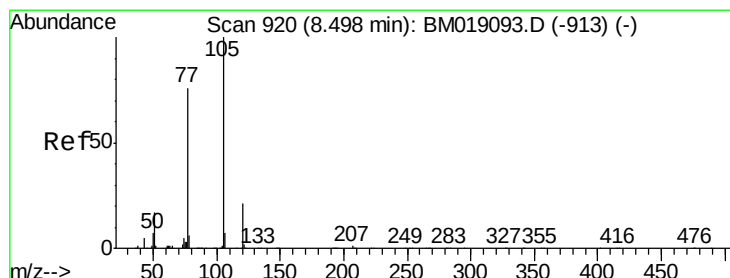
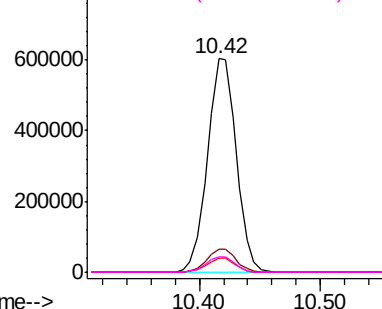


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.131 ng

RT: 8.47 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Tgt Ion:105 Resp: 1001903

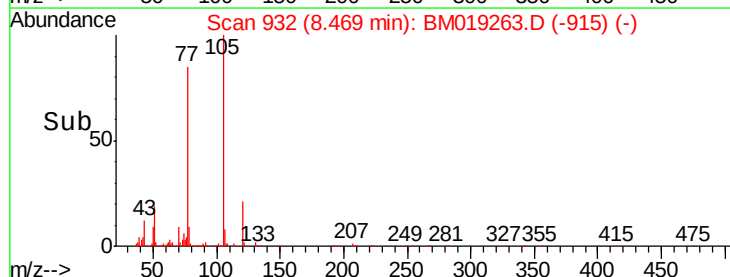
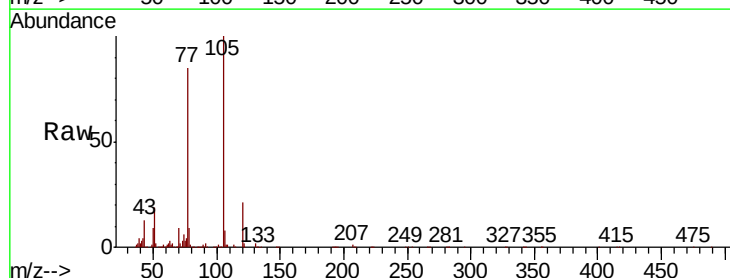
Ion Ratio Lower Upper

105 100

71 1.5 0.9 1.3#

51 19.4 15.9 23.9

120 20.8 16.7 25.1

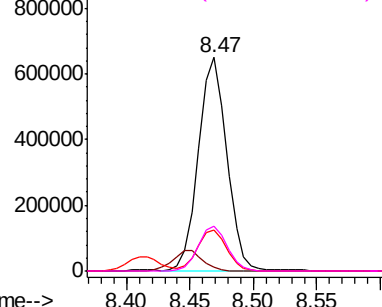


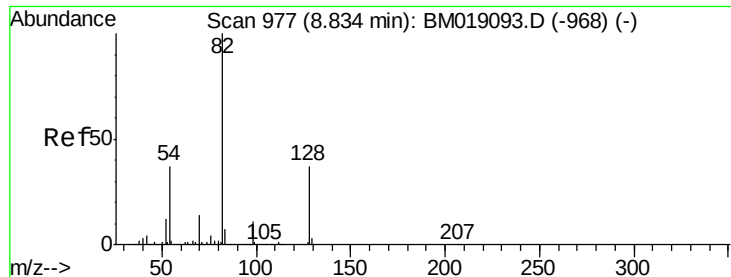
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

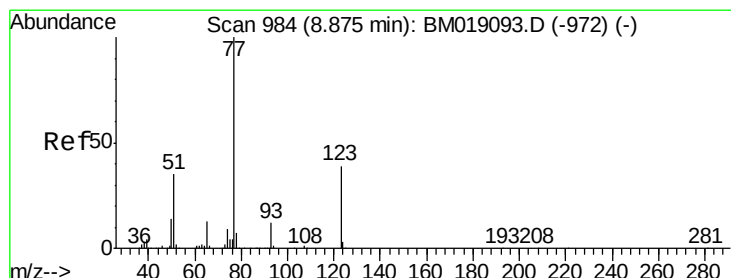
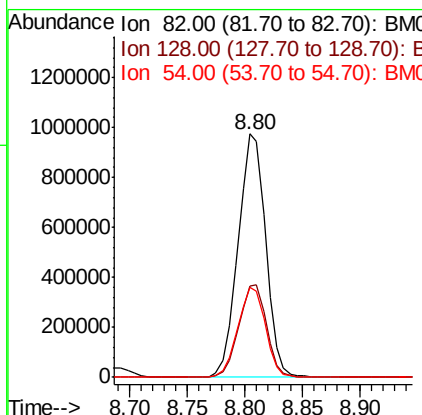
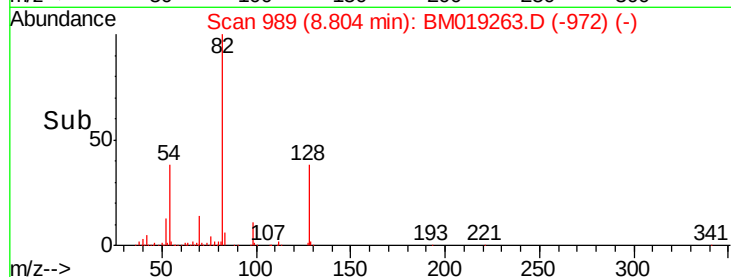
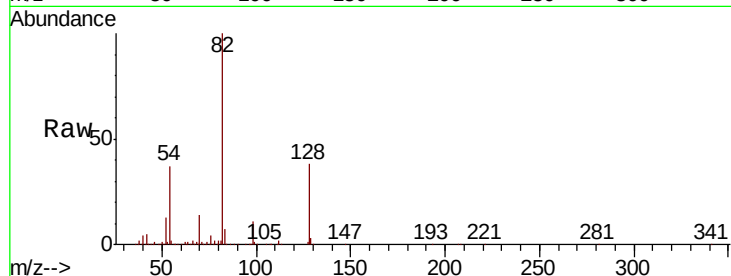




#23
Nitrobenzene-d5
Concen: 76.246 ng
RT: 8.80 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

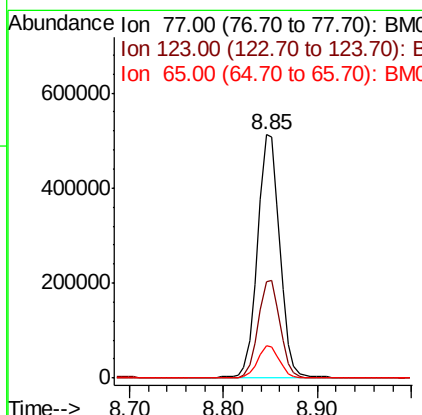
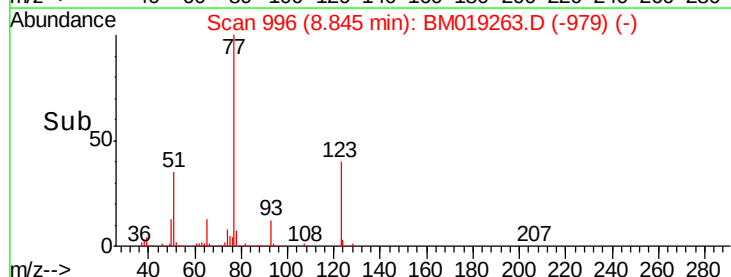
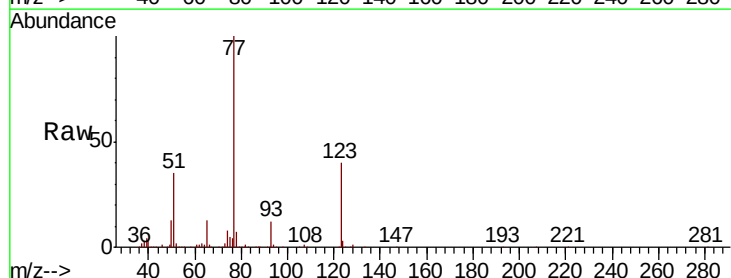
Instrument :
BNA_M
ClientSampleId :

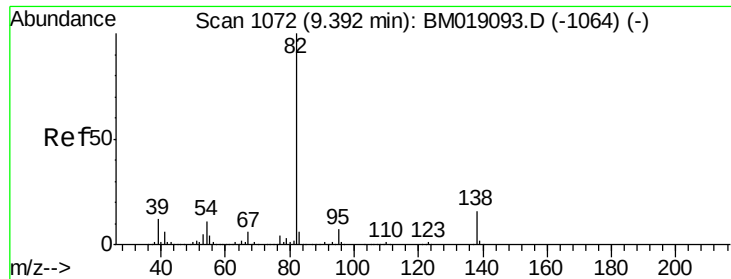
Tot Ion: 82 Resp: 1618465
Ion Ratio Lower Upper
82 100
128 37.6 30.2 45.4
54 37.0 30.2 45.2



#24
Nitrobenzene
Concen: 38.081 ng
RT: 8.85 min Scan# 996
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion: 77 Resp: 840682
Ion Ratio Lower Upper
77 100
123 39.5 31.4 47.0
65 13.2 10.2 15.4





#25

Isophorone

Concen: 37.385 ng

RT: 9.36 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

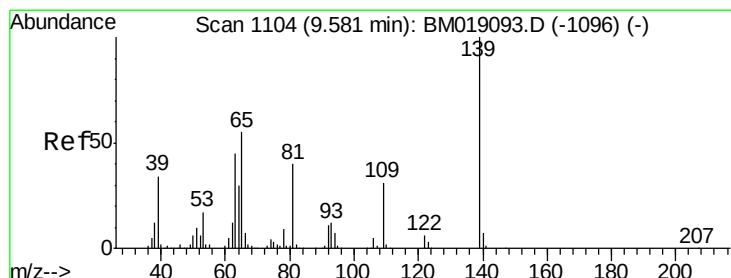
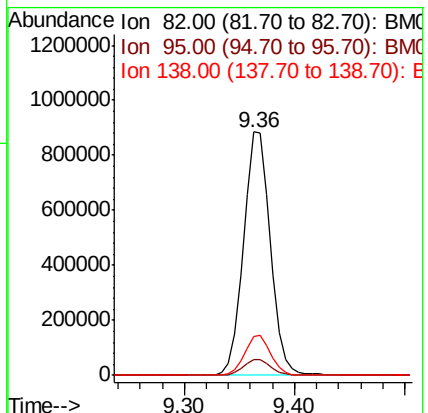
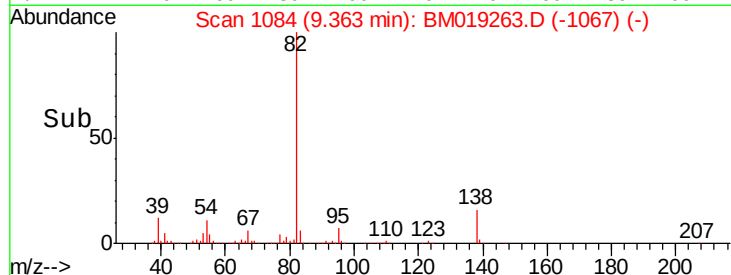
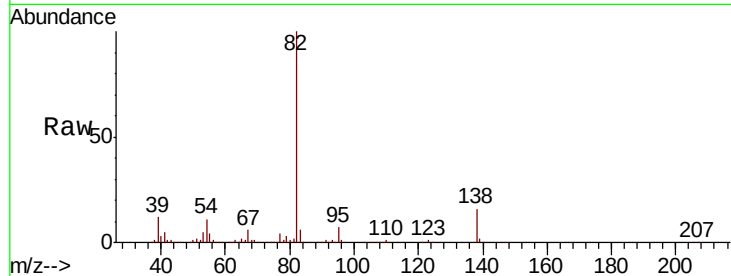
Tot Ion: 82 Resp: 1514254

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 15.8 12.2 18.4



#26

2-Nitrophenol

Concen: 39.740 ng

RT: 9.55 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

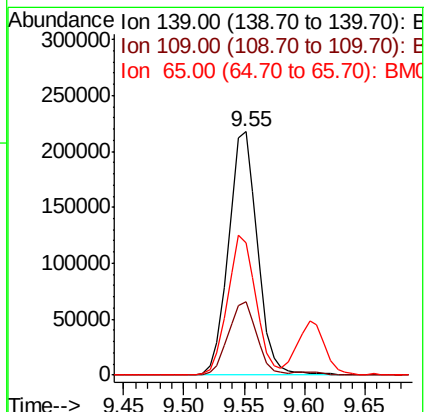
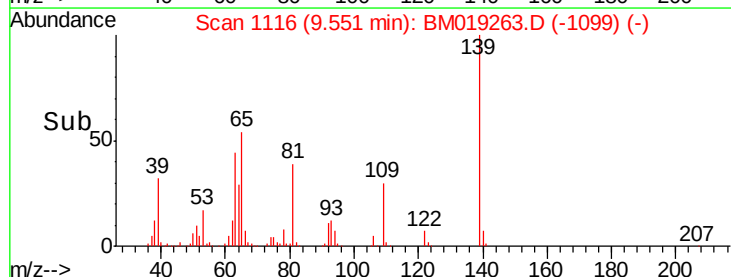
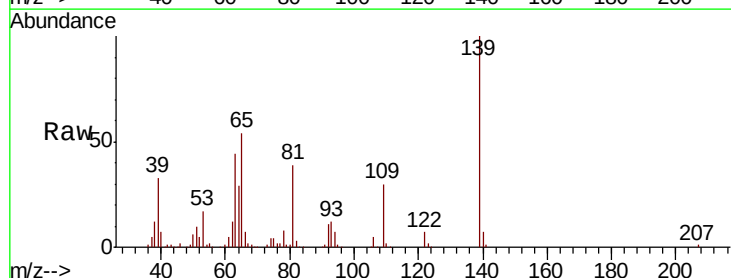
Tgt Ion: 139 Resp: 363653

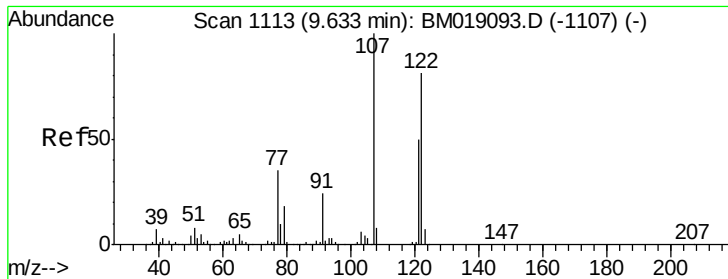
Ion Ratio Lower Upper

139 100

109 30.2 23.8 35.8

65 54.3 43.3 64.9

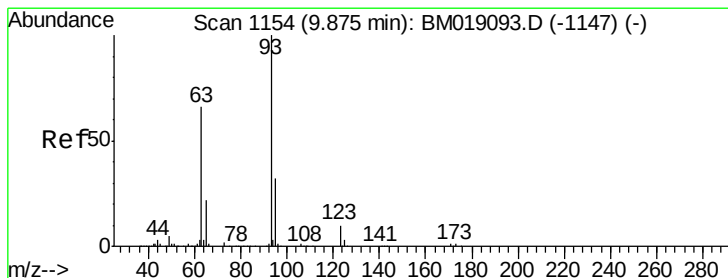
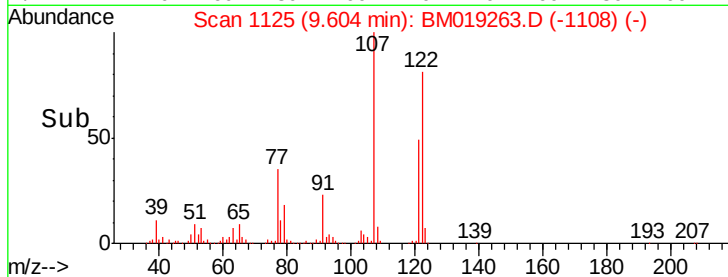
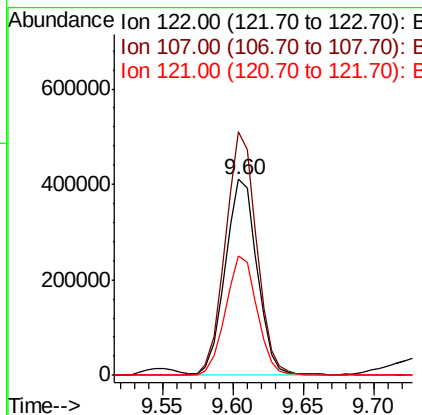
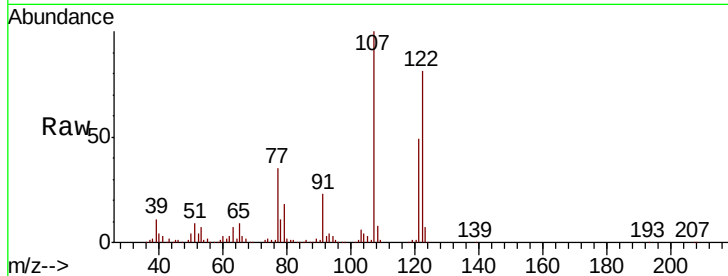




#27
 2,4-Dimethylphenol
 Concen: 47.304 ng
 RT: 9.60 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

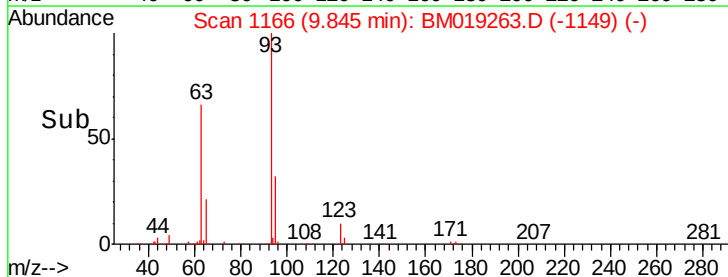
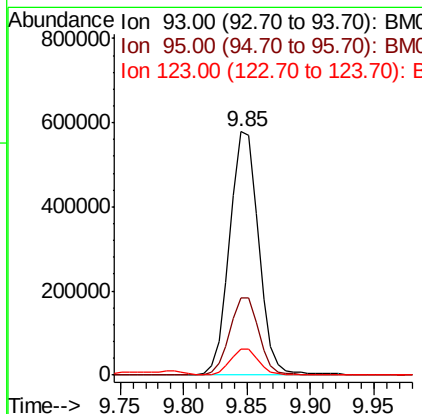
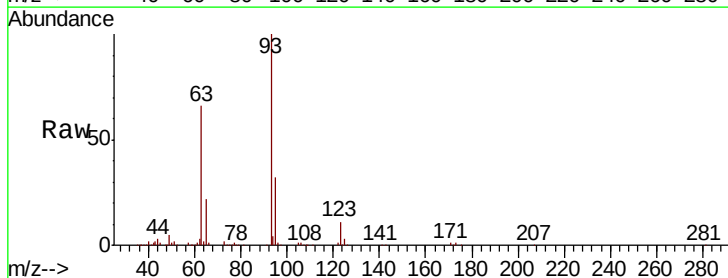
Instrument :
 BNA_M
 ClientSampleId :

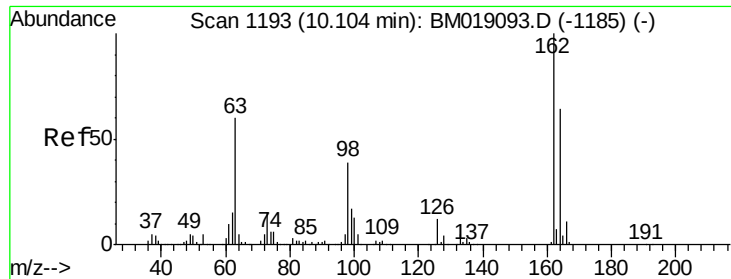
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	96.4	144.6
121	61.1	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.261 ng
 RT: 9.85 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.7	37.1
123	10.5	8.6	12.8

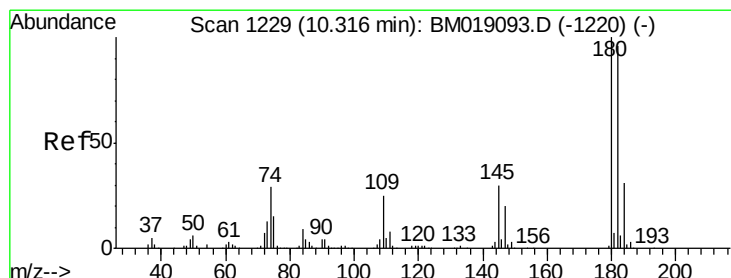
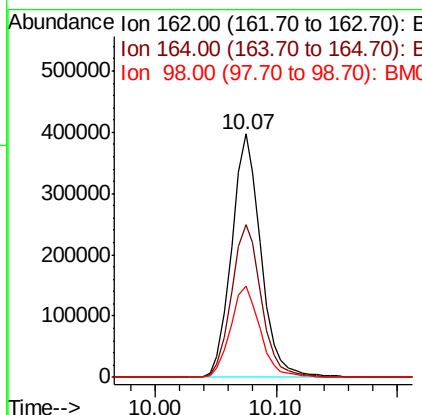
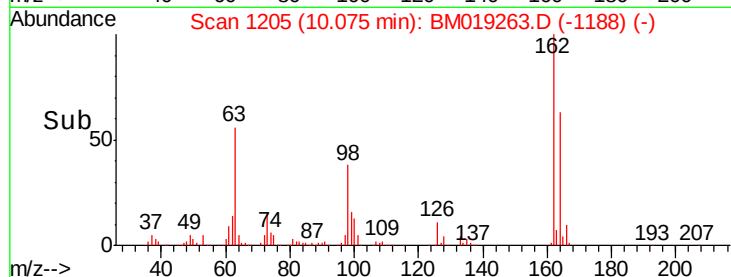
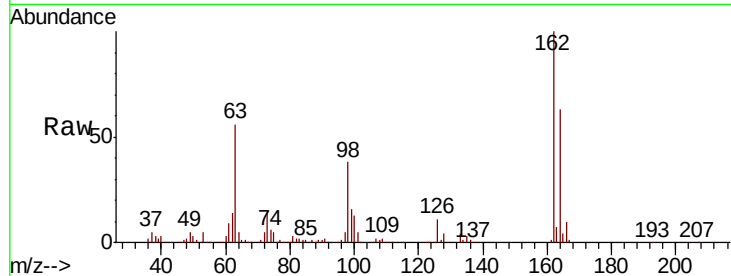




#29
2,4-Dichlorophenol
Concen: 44.461 ng
RT: 10.07 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

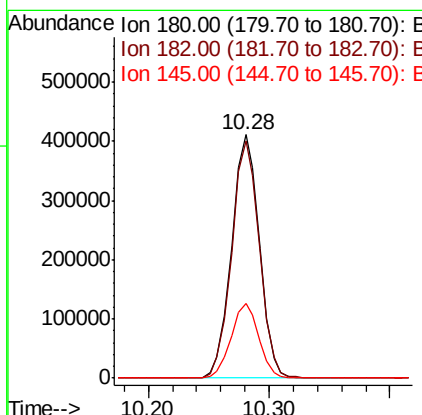
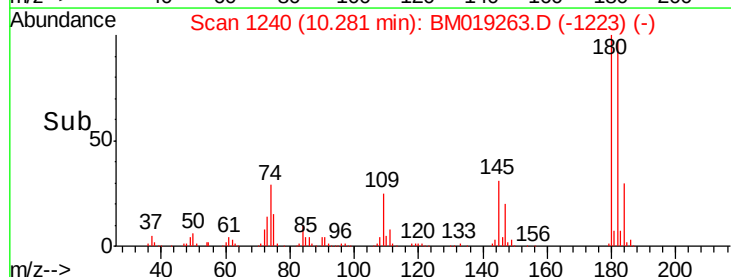
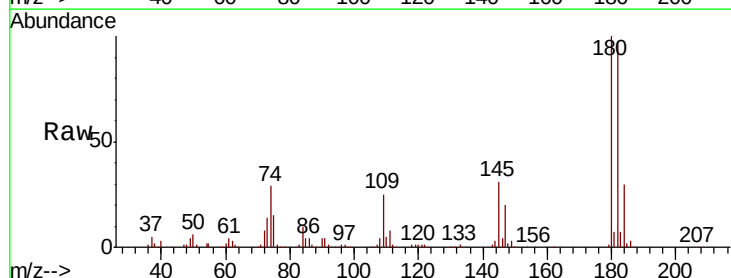
Instrument :
BNA_M
ClientSampleId :

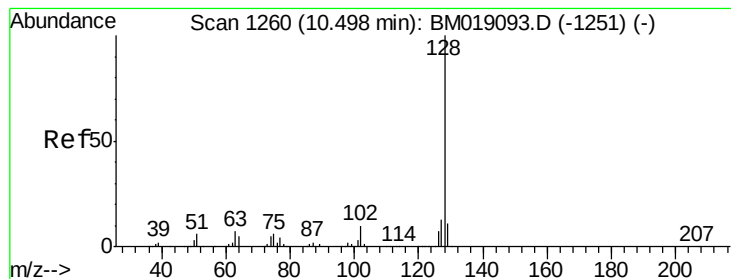
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	45.6	85.6
98	37.7	18.0	58.0



#30
1,2,4-Trichlorobenzene
Concen: 38.844 ng
RT: 10.28 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.9	116.9
145	30.9	24.7	37.1





#31

Naphthalene

Concen: 38.355 ng

RT: 10.47 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

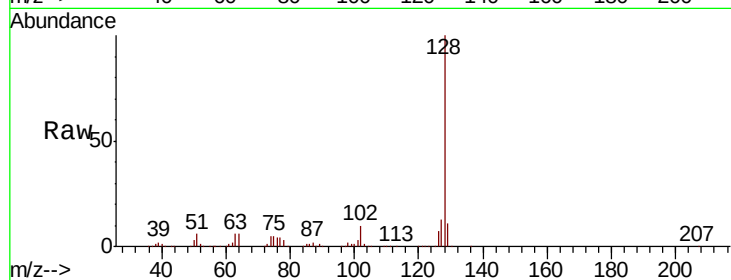
Tot Ion:128 Resp: 2028448

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

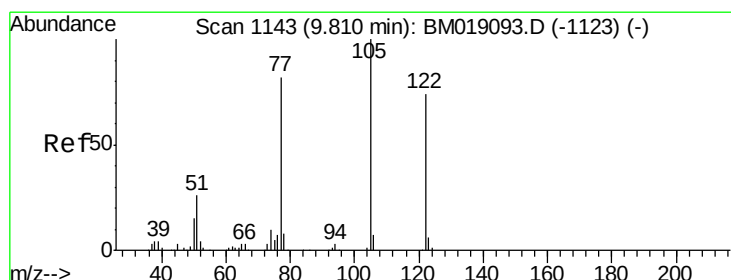
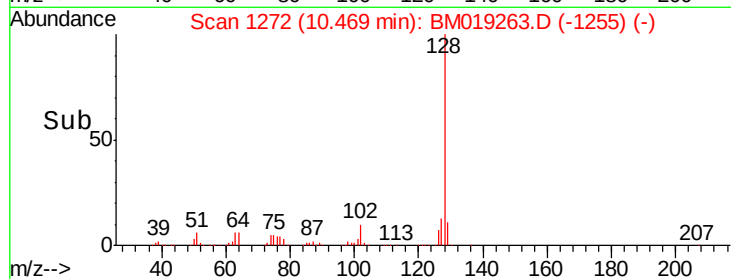
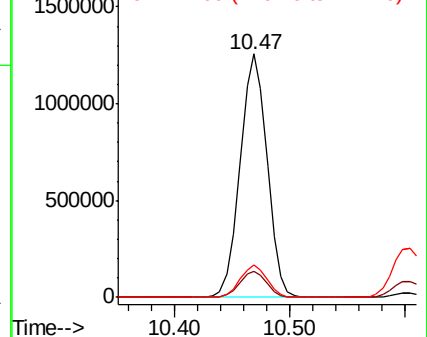
127 13.4 10.3 15.5



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: 33.269 ng

RT: 9.79 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

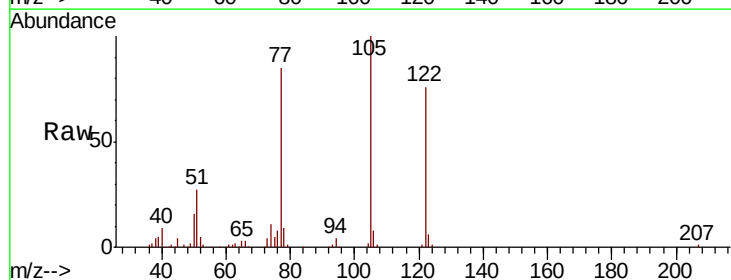
Tgt Ion:122 Resp: 383304

Ion Ratio Lower Upper

122 100

105 131.3 115.6 155.6

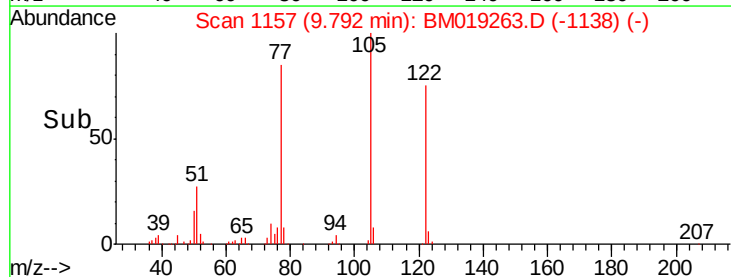
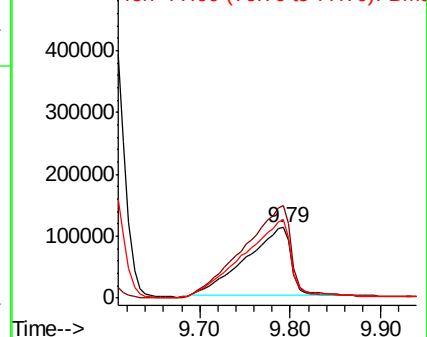
77 111.7 93.8 133.8

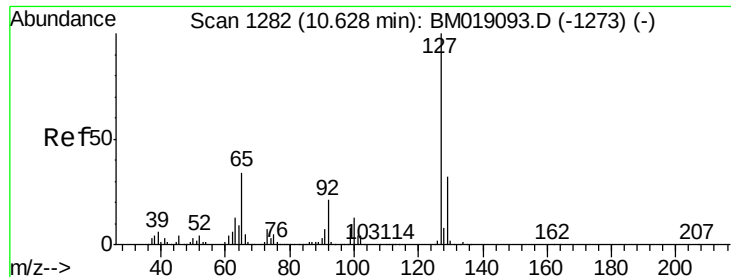


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

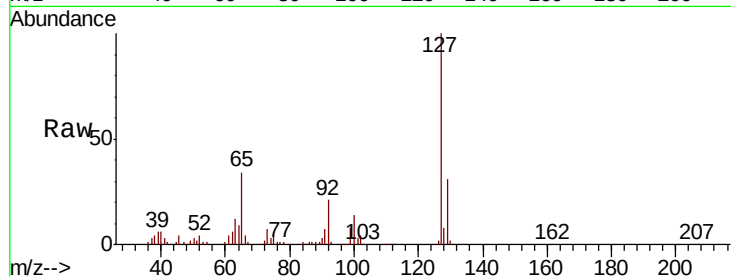




#33
4-Chloroaniline
Concen: 23.164 ng
RT: 10.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	502172
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	34.4	27.5	41.3
92	20.6	17.0	25.4



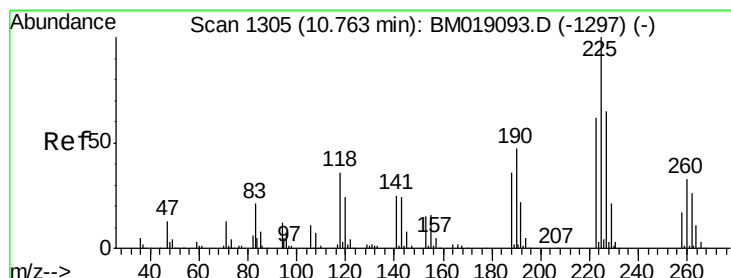
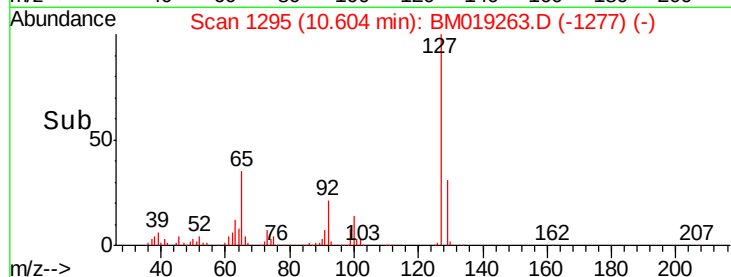
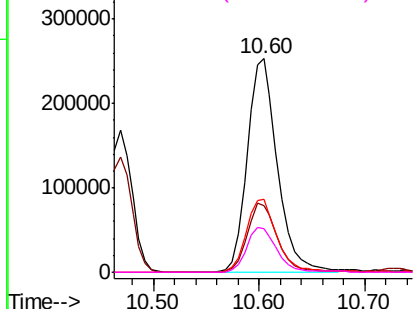
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

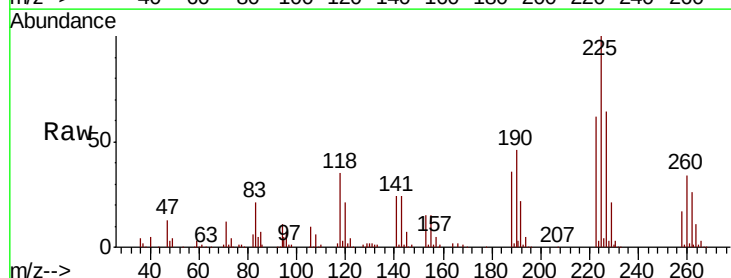
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 37.097 ng
RT: 10.73 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:	225	Resp:	361677
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.4
227	63.8	51.0	76.6

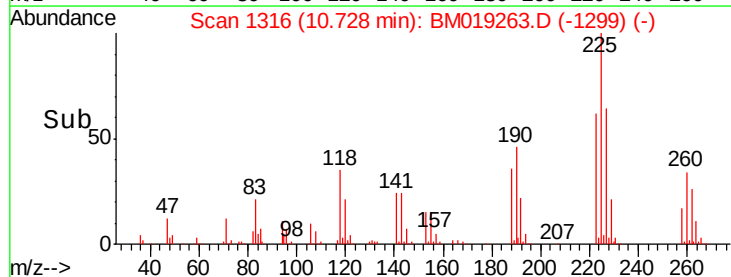
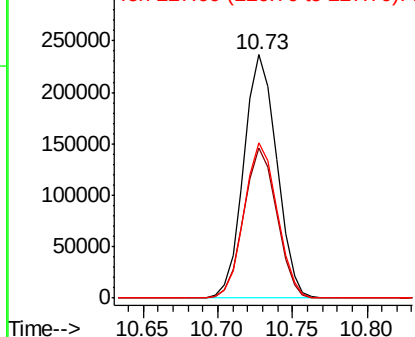


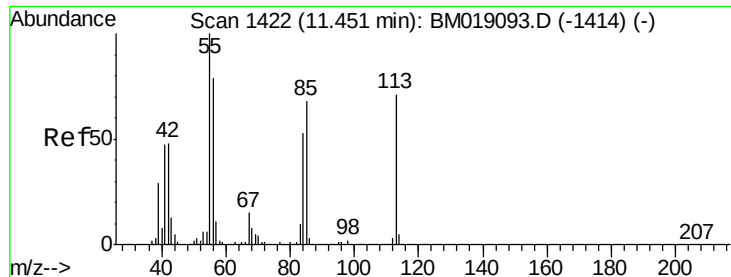
Abundance

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: 16.869 ng

RT: 11.43 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampled :

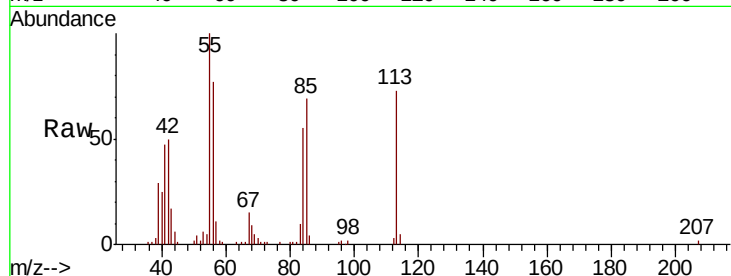
Tot Ion:113 Resp: 90536

Ion Ratio Lower Upper

113 100

55 137.5 120.1 160.1

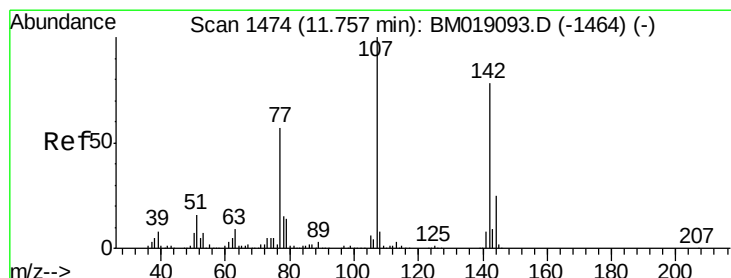
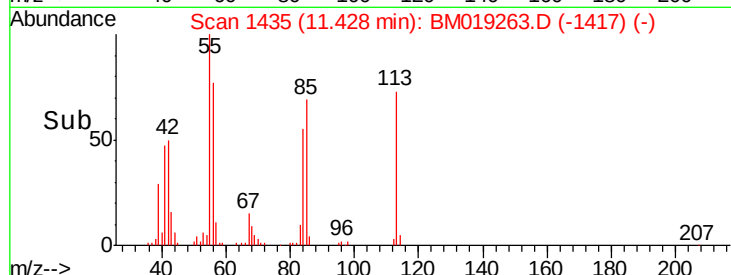
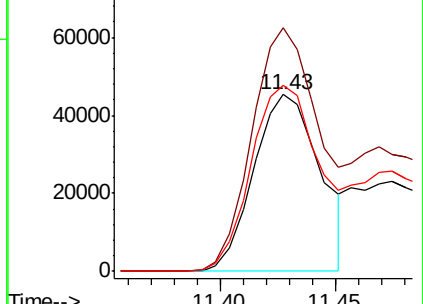
56 105.3 91.6 131.6



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: 40.383 ng

RT: 11.73 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

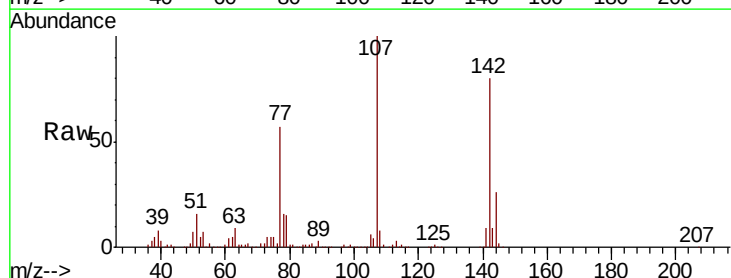
Tgt Ion:107 Resp: 750735

Ion Ratio Lower Upper

107 100

144 26.0 20.1 30.1

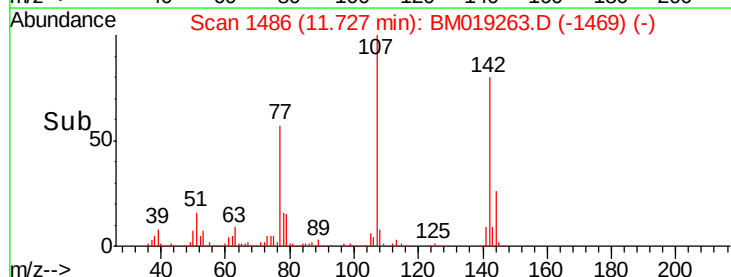
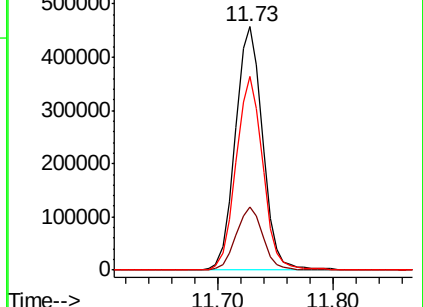
142 79.8 62.1 93.1

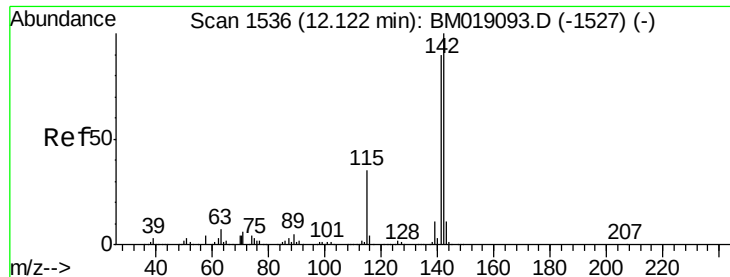


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

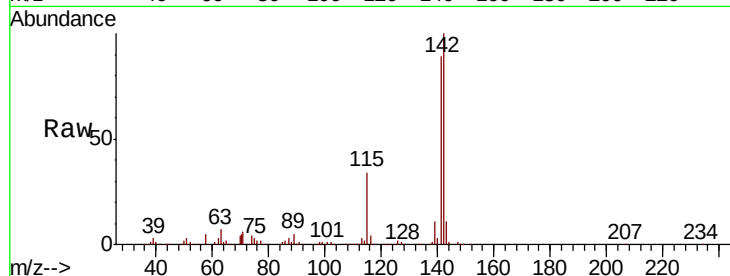




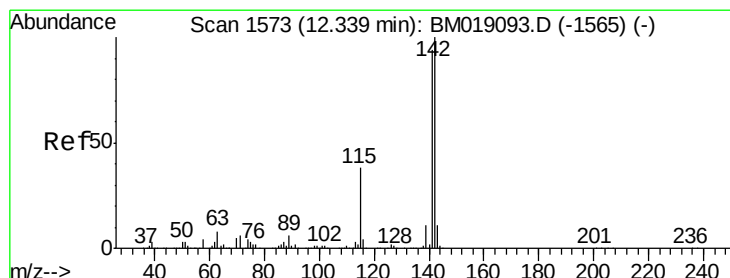
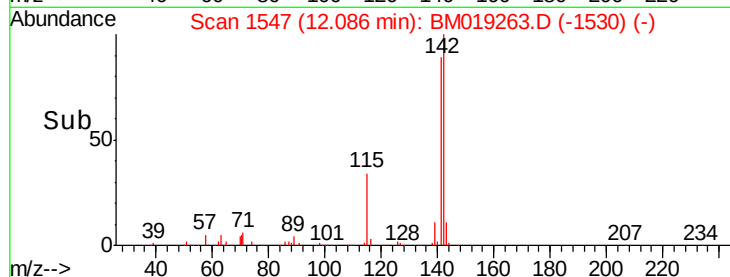
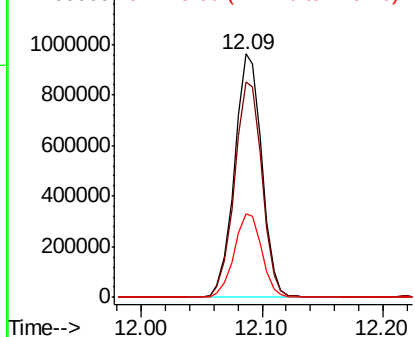
#37
 2-Methylnaphthalene
 Concen: 39.486 ng
 RT: 12.09 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 1517474
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.9 107.9
 115 34.5 27.7 41.5

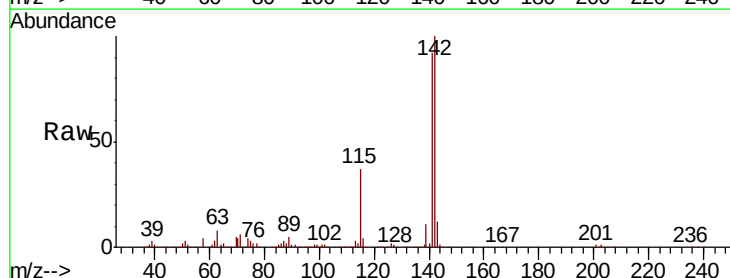


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

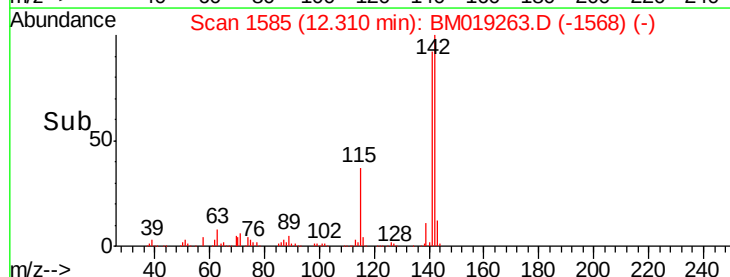
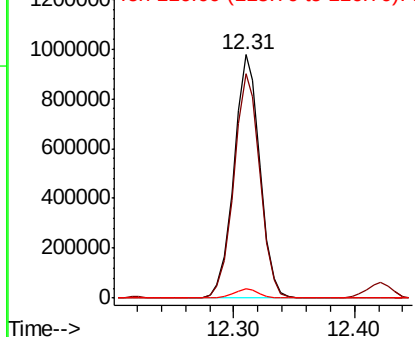


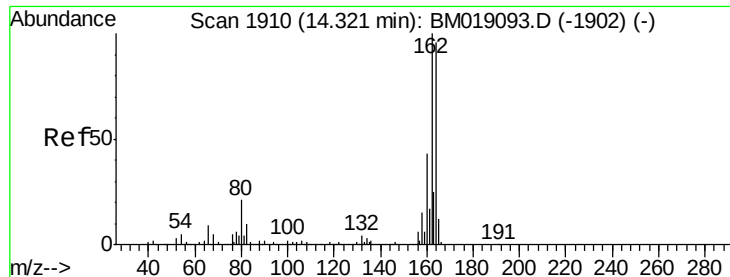
#38
 1-Methylnaphthalene
 Concen: 38.404 ng
 RT: 12.31 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion:142 Resp: 1454760
 Ion Ratio Lower Upper
 142 100
 141 92.3 75.2 112.8
 116 4.0 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampled :

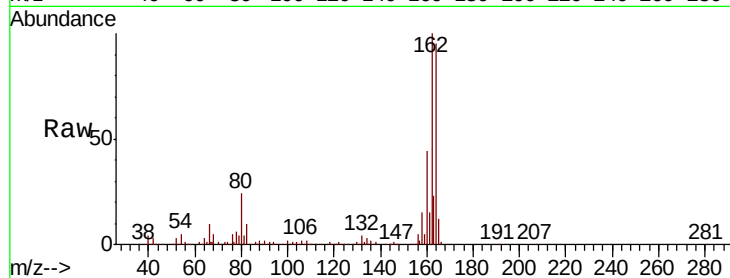
Tot Ion:164 Resp: 589064

Ion Ratio Lower Upper

164 100

162 105.2 84.1 126.1

160 46.1 36.5 54.7

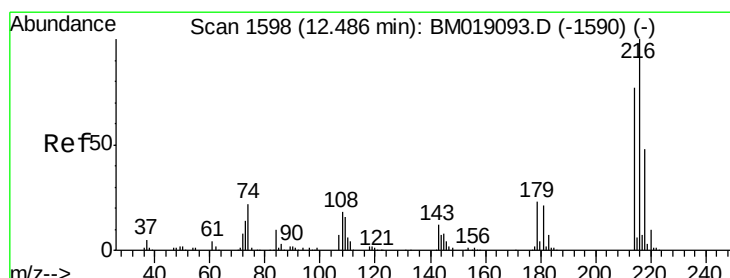
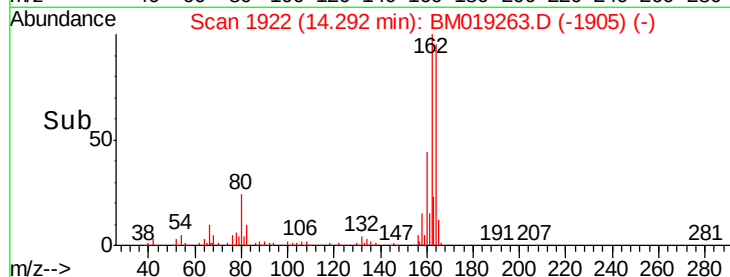
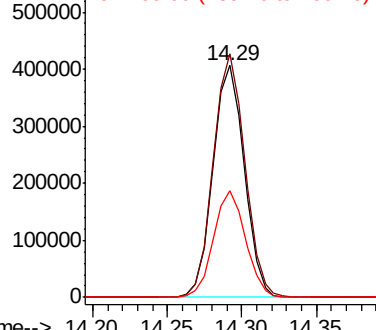


Abundance

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: 38.926 ng

RT: 12.46 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Tgt Ion:216 Resp: 725329

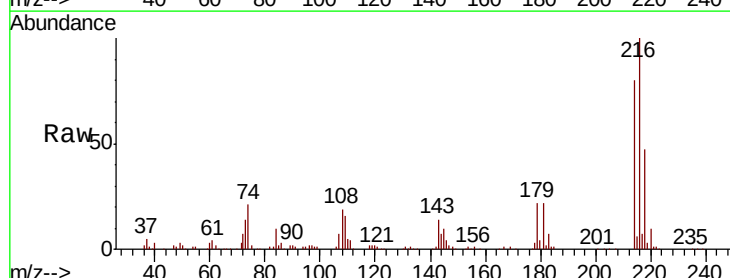
Ion Ratio Lower Upper

216 100

214 79.0 62.7 94.1

179 22.3 18.0 27.0

108 18.2 15.8 23.6



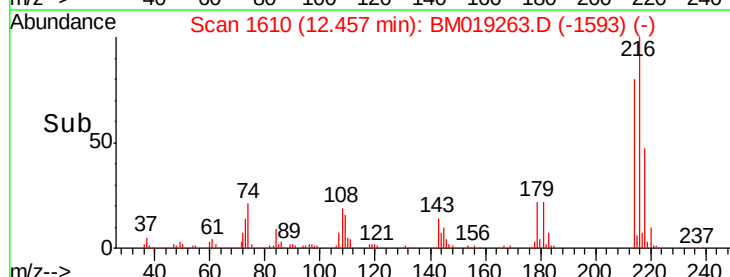
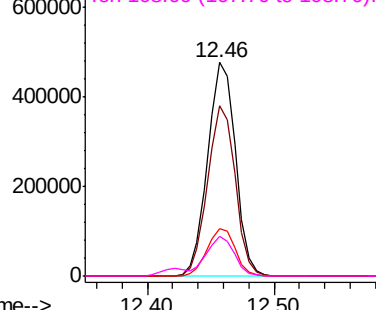
Abundance

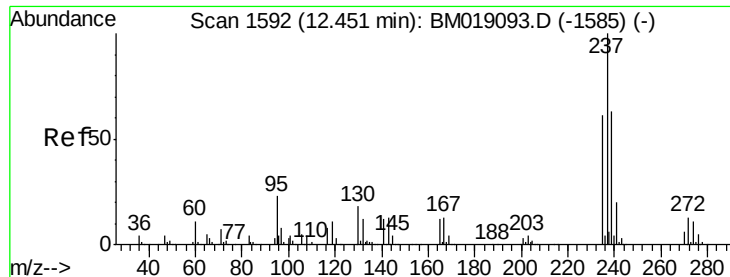
Ion 216.00 (215.70 to 216.70): E

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

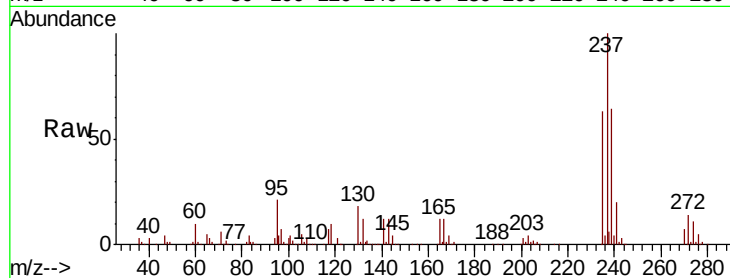




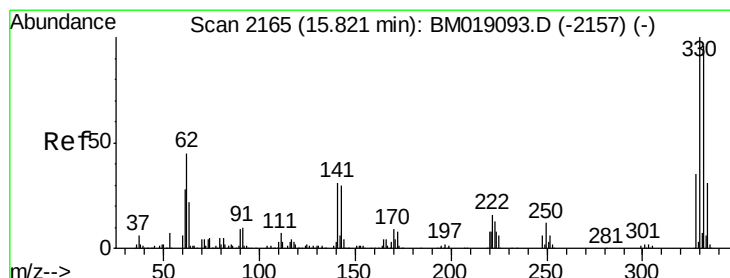
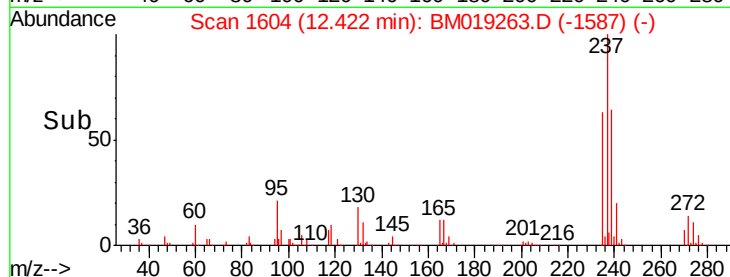
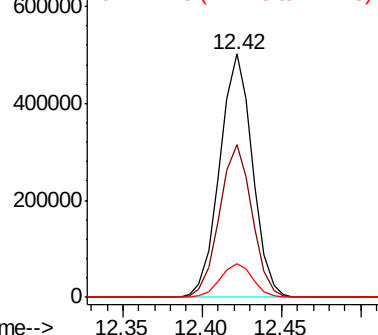
#41
Hexachlorocyclopentadiene
Concen: 85.377 ng
RT: 12.42 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 720606
Ion Ratio Lower Upper
237 100
235 62.6 42.8 82.8
272 14.1 0.0 33.3

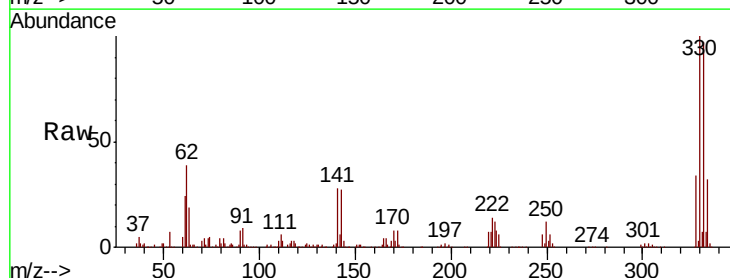


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

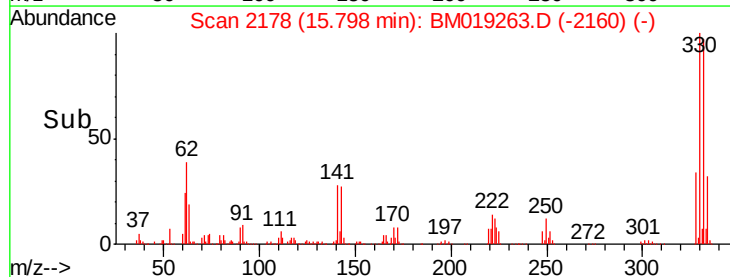
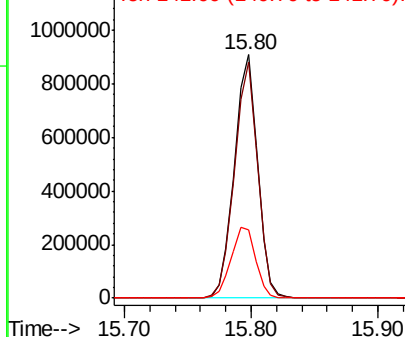


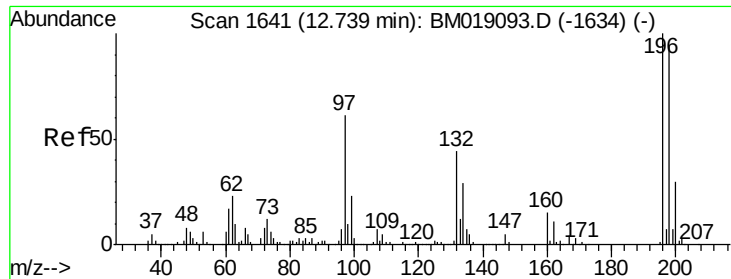
#42
2,4,6-Tribromophenol
Concen: 132.097 ng
RT: 15.80 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:330 Resp: 1148886
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 31.1 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

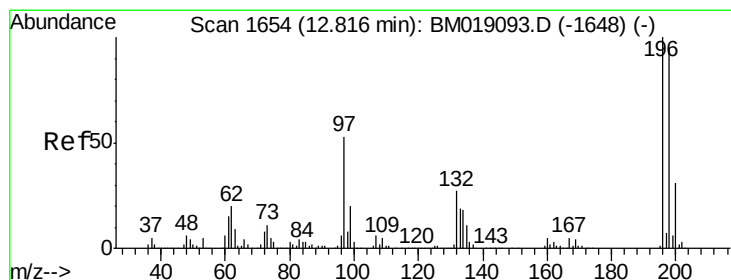
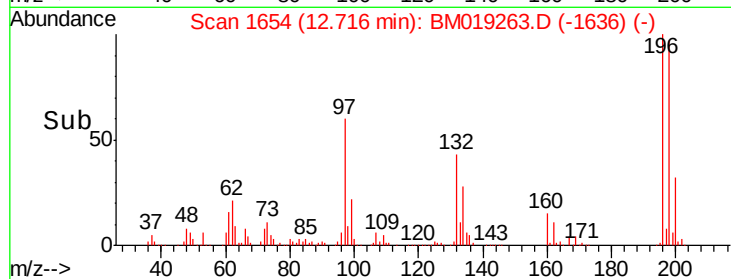
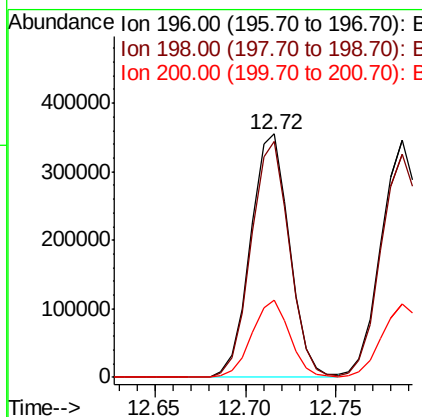
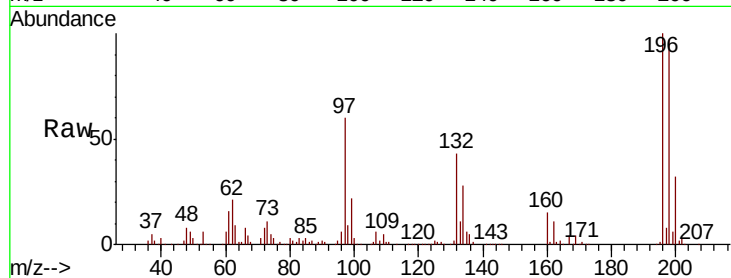




#43
 2,4,6-Trichlorophenol
 Concen: 44.044 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

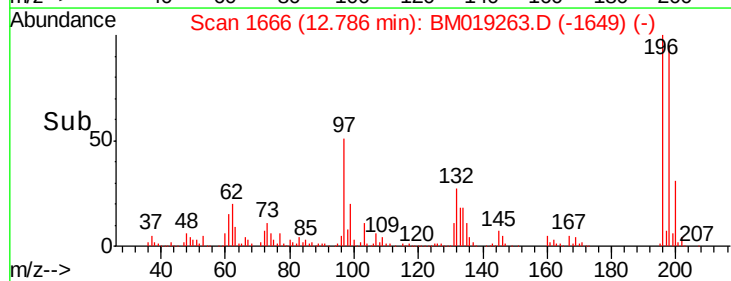
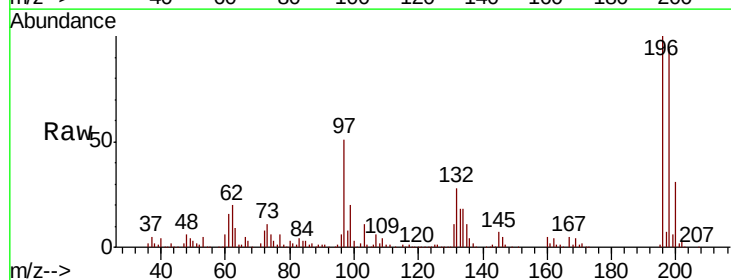
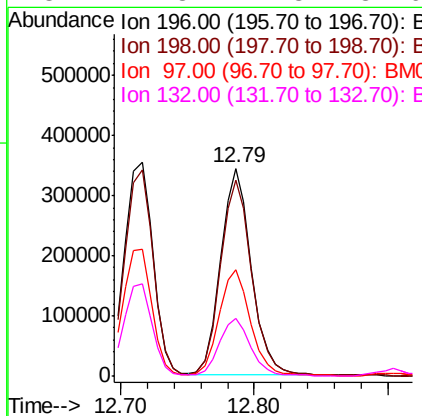
Instrument :
 BNA_M
 ClientSampled :

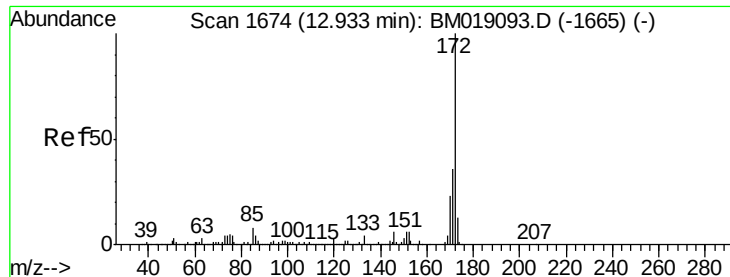
Tot Ion:196 Resp: 530369
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.2 114.2
 200 31.5 23.7 35.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.893 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion:196 Resp: 552320
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.3 114.5
 97 51.4 41.5 62.3
 132 27.8 21.8 32.6

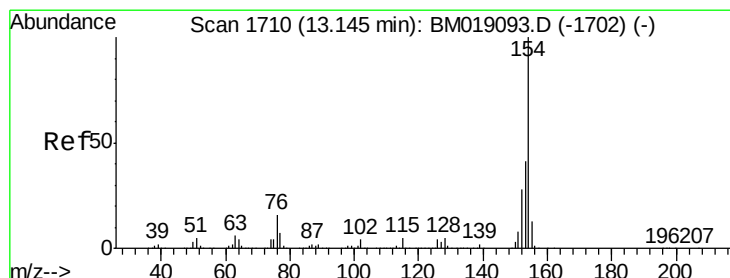
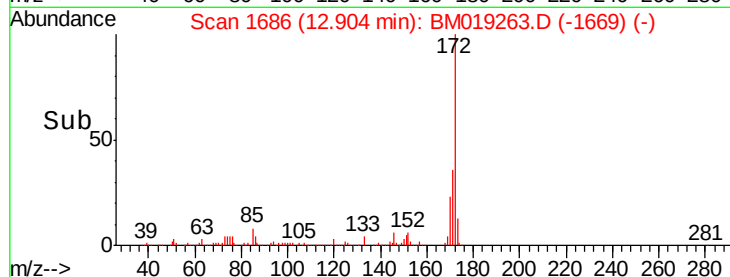
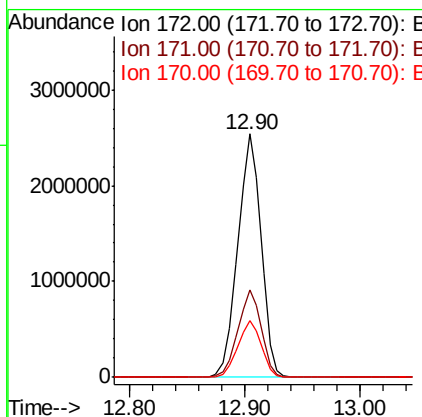
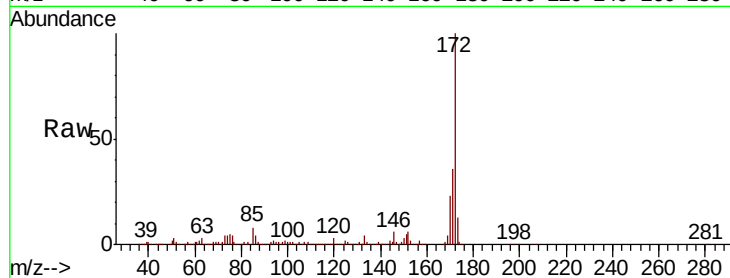




#45
2-Fluorobiphenyl
Concen: 78.257 ng
RT: 12.90 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

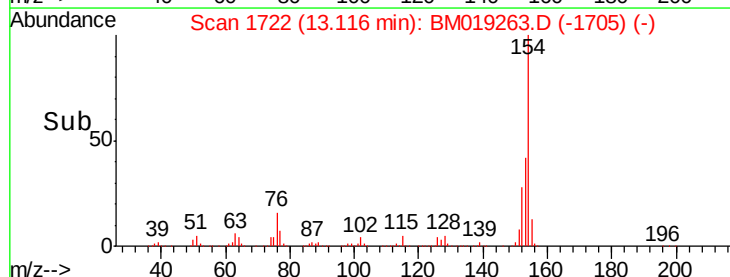
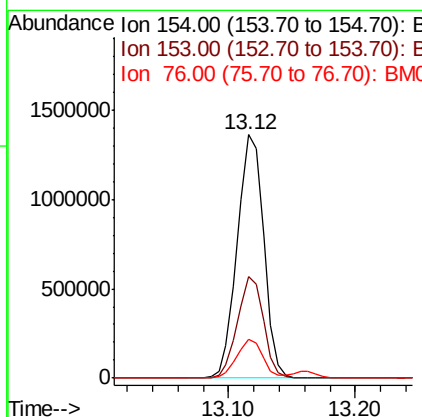
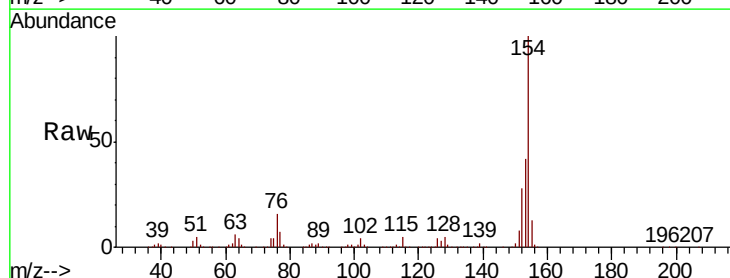
Instrument :
BNA_M
ClientSampleId :

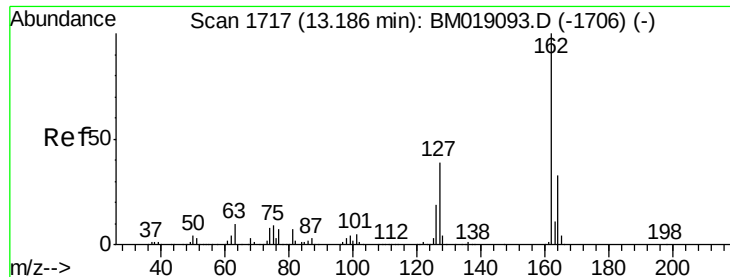
Tot Ion:172 Resp: 3543949
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 38.247 ng
RT: 13.12 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:154 Resp: 1967567
Ion Ratio Lower Upper
154 100
153 41.5 21.1 61.1
76 16.0 0.0 35.9

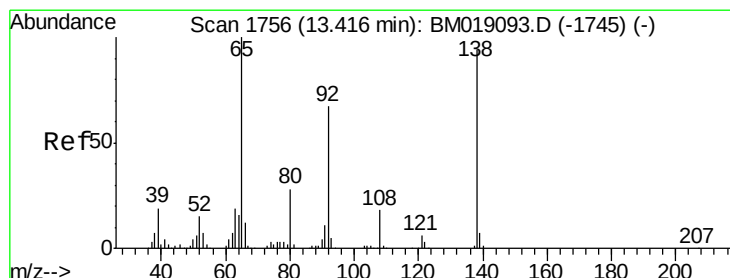
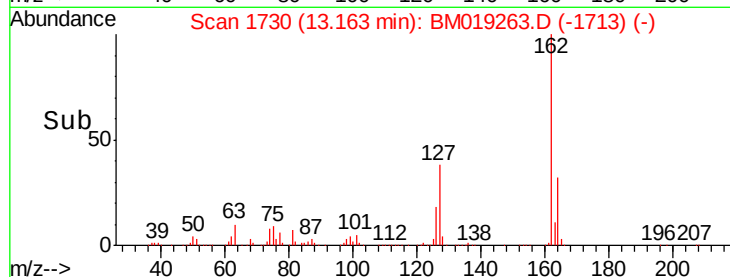
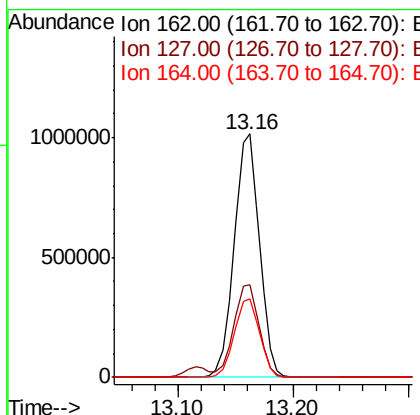
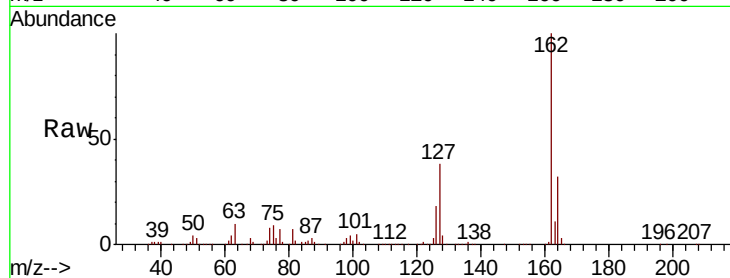




#47
 2-Chloronaphthalene
 Concen: 39.901 ng
 RT: 13.16 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

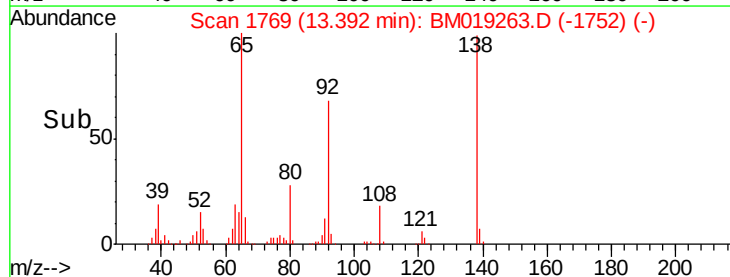
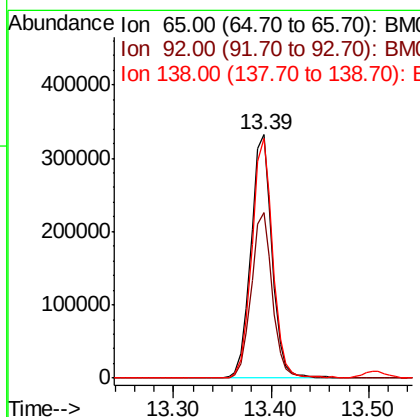
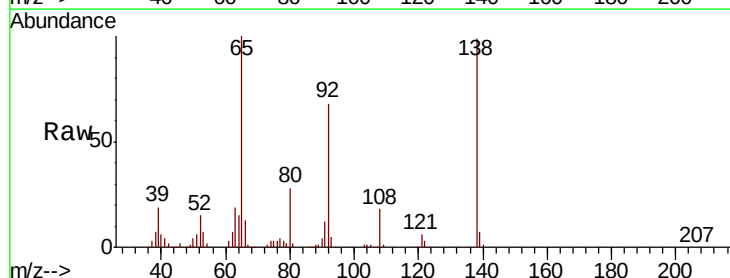
Instrument :
 BNA_M
 ClientSampled :

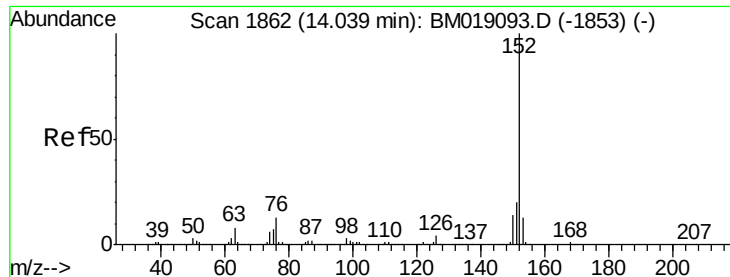
Tot Ion:162 Resp: 1532156
 Ion Ratio Lower Upper
 162 100
 127 38.0 30.7 46.1
 164 32.4 26.1 39.1



#48
 2-Nitroaniline
 Concen: 39.401 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion: 65 Resp: 507407
 Ion Ratio Lower Upper
 65 100
 92 68.1 54.0 81.0
 138 98.6 78.3 117.5





#49

Acenaphthylene

Concen: 38.237 ng

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

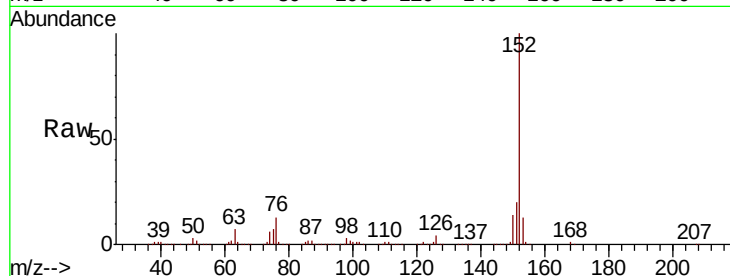
Tot Ion:152 Resp: 2482634

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

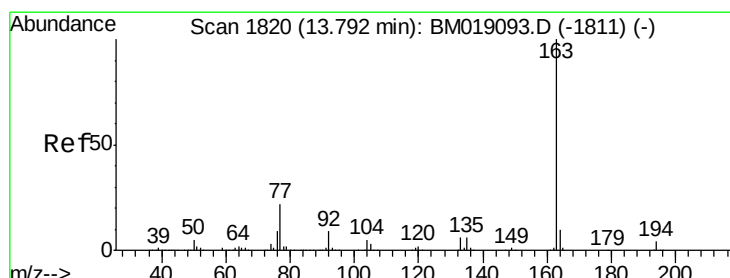
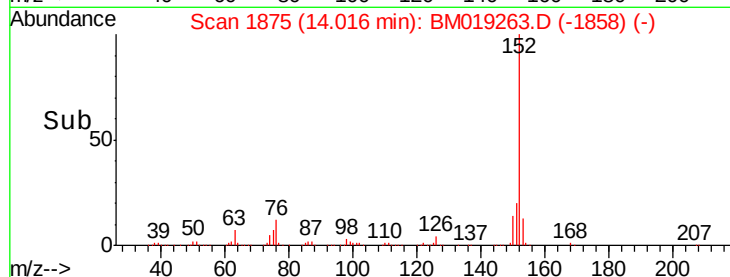
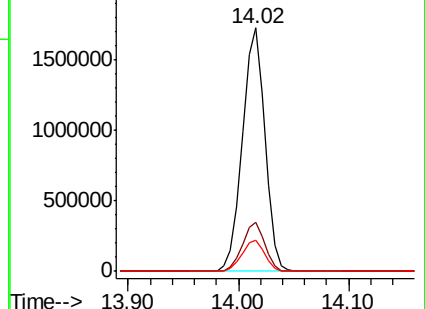
153 13.0 10.2 15.4



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: 38.594 ng

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

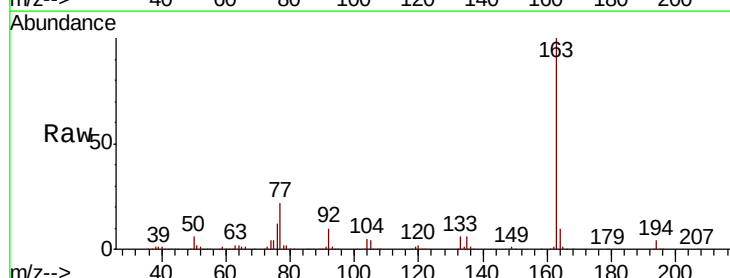
Tgt Ion:163 Resp: 1944820

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

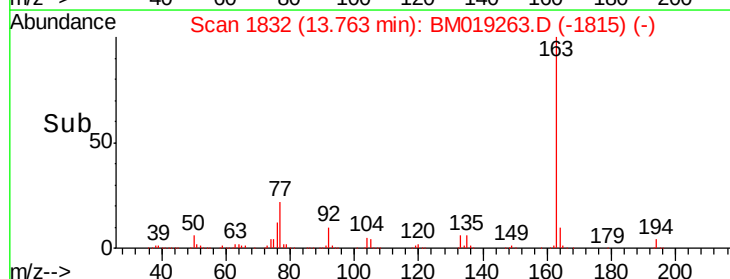
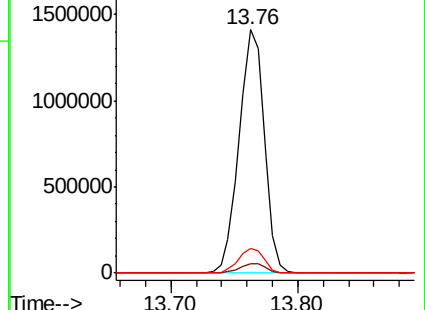
164 10.1 8.2 12.2

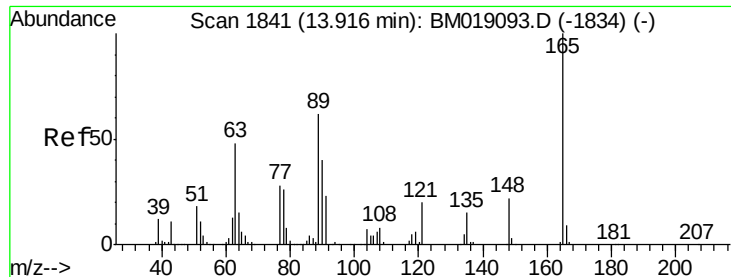


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

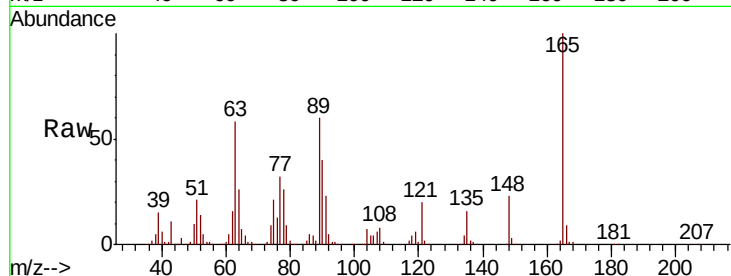




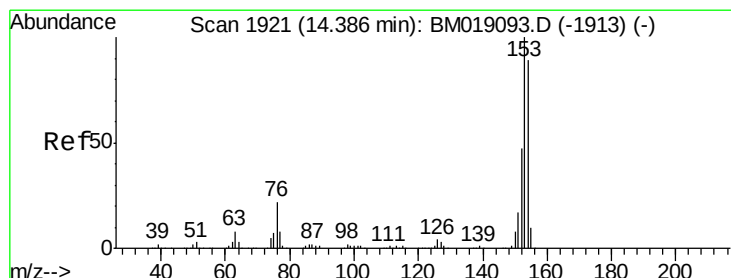
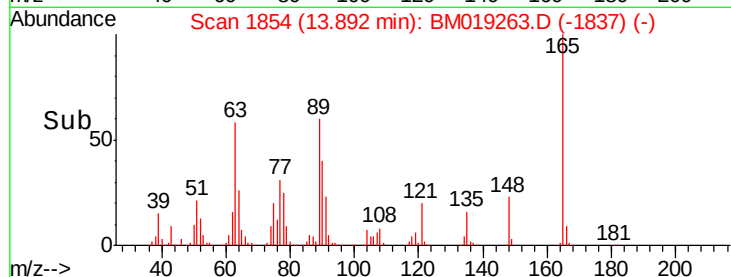
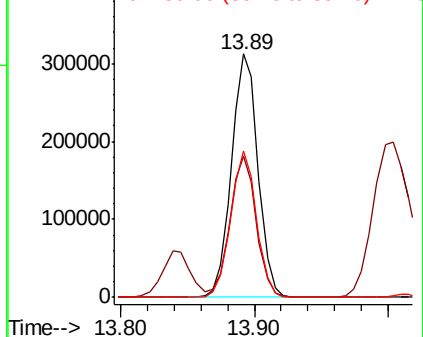
#51
 2,6-Dinitrotoluene
 Concen: 39.632 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 431721
 Ion Ratio Lower Upper
 165 100
 63 58.1 46.7 70.1
 89 60.2 47.7 71.5

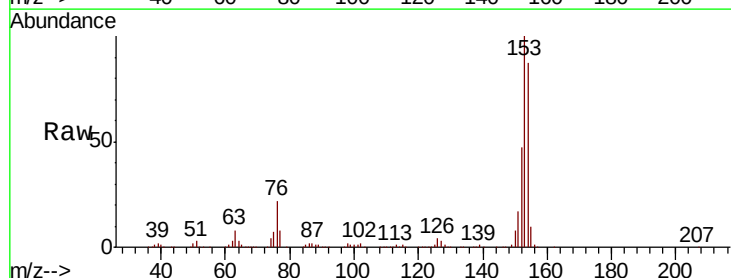


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM

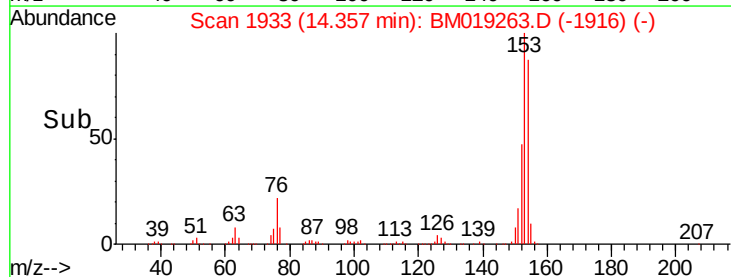
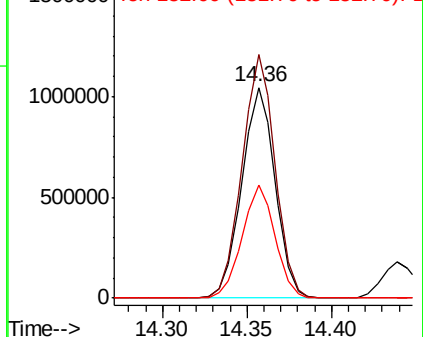


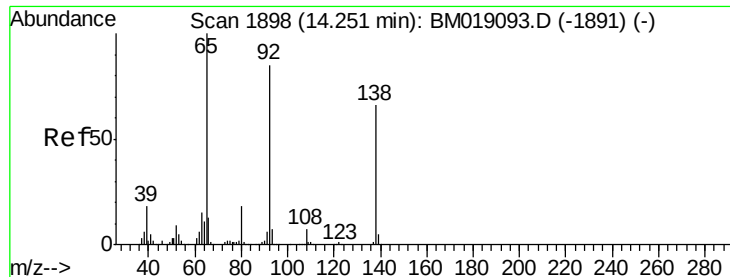
#52
 Acenaphthene
 Concen: 38.442 ng
 RT: 14.36 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion:154 Resp: 1434198
 Ion Ratio Lower Upper
 154 100
 153 115.6 91.0 136.4
 152 53.9 42.1 63.1



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

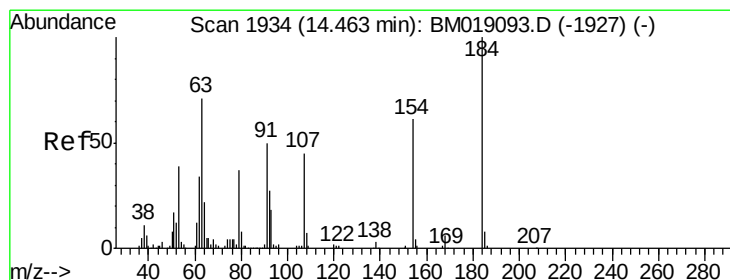
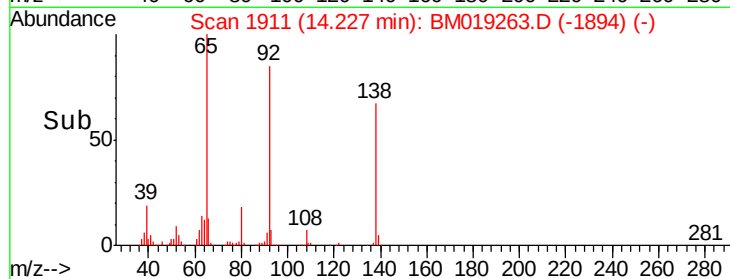
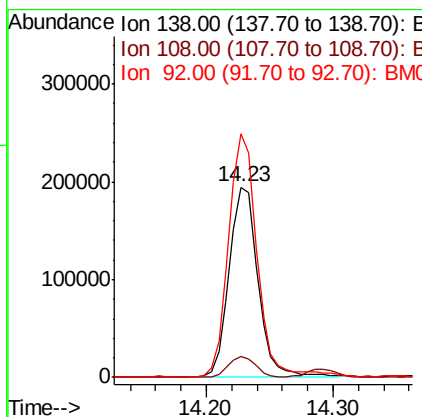
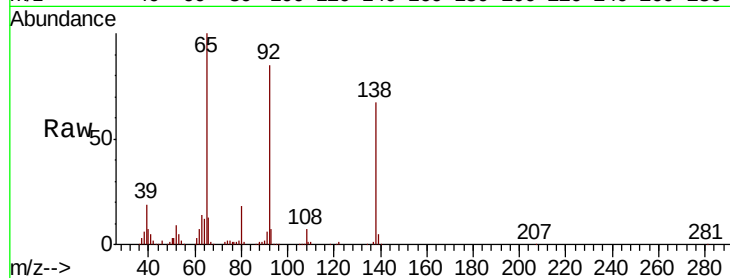




#53
3-Nitroaniline
Concen: 26.581 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

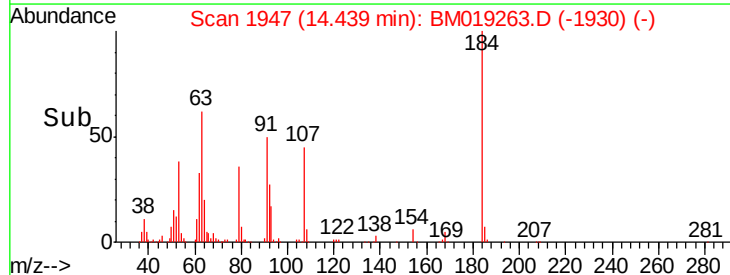
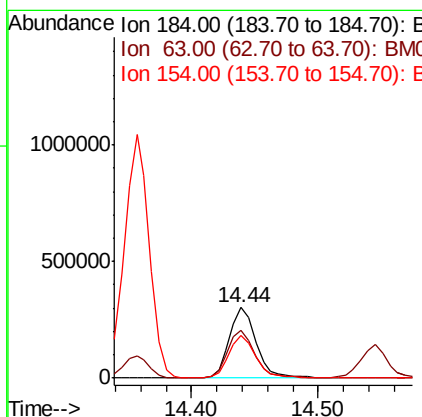
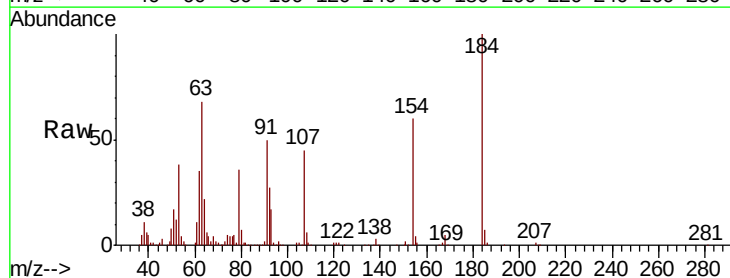
Instrument :
BNA_M
ClientSampleId :

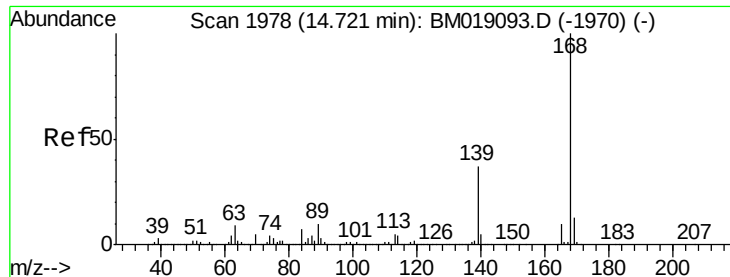
Tot Ion:138 Resp: 306668
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 128.0 100.2 150.2



#54
2,4-Dinitrophenol
Concen: 70.423 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:184 Resp: 445509
Ion Ratio Lower Upper
184 100
63 68.4 55.7 83.5
154 60.0 48.6 73.0

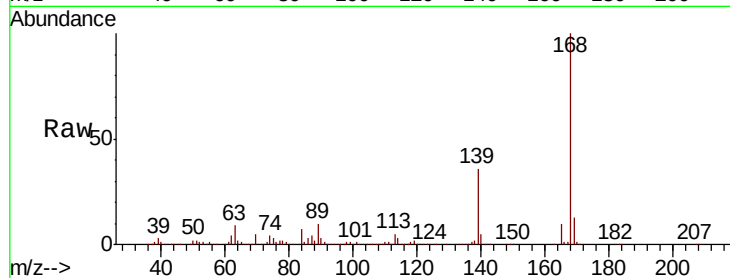




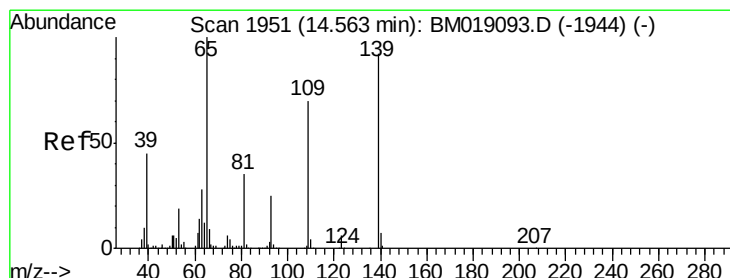
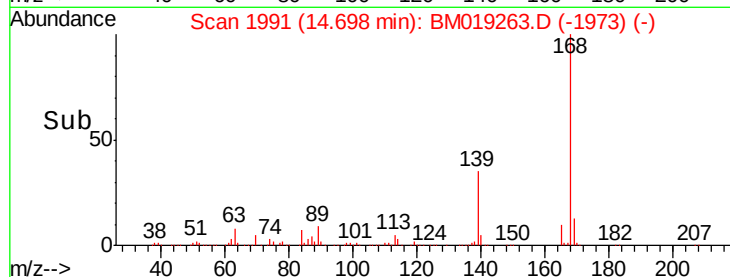
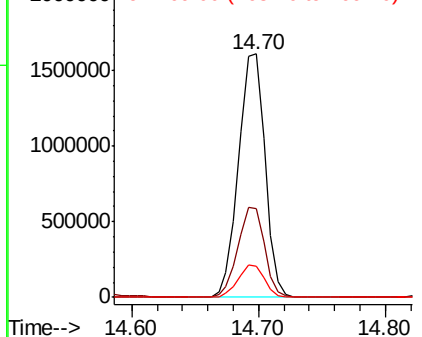
#55
Dibenzofuran
Concen: 38.754 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 2331679
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.6
169 13.0 10.8 16.2

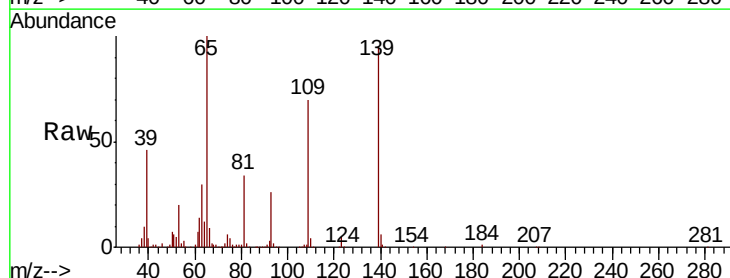


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

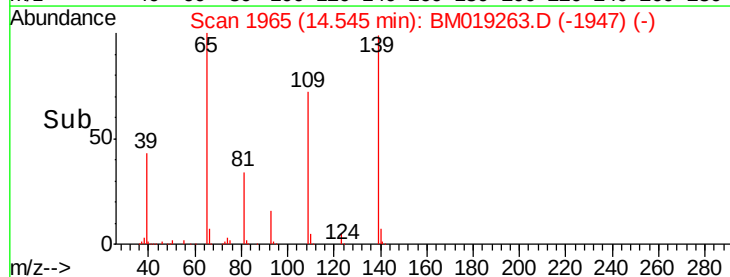
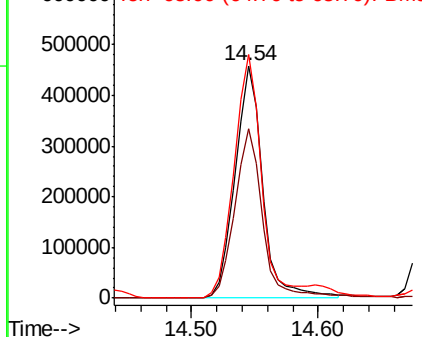


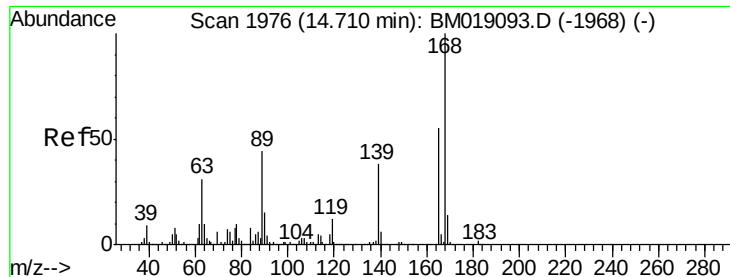
#56
4-Nitrophenol
Concen: 73.006 ng
RT: 14.54 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:139 Resp: 687703
Ion Ratio Lower Upper
139 100
109 73.1 55.0 95.0
65 104.8 87.8 127.8



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

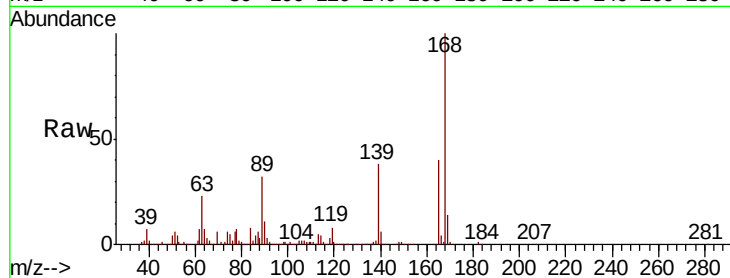




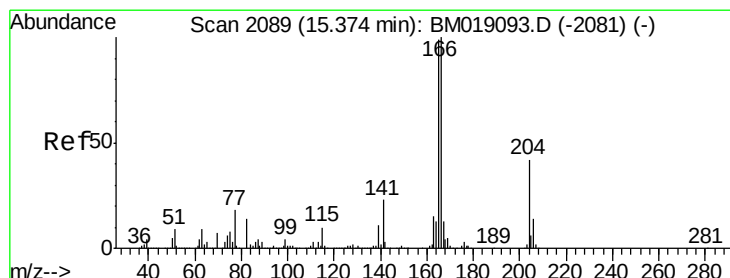
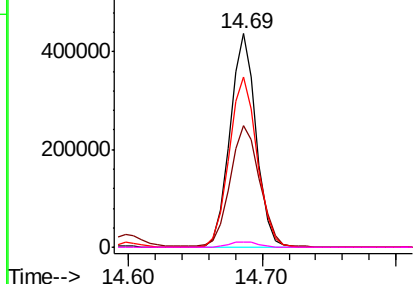
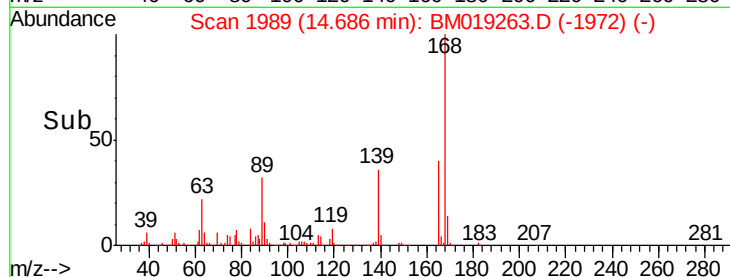
#57
 2,4-Dinitrotoluene
 Concen: 37.809 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 597854
 Ion Ratio Lower Upper
 165 100
 63 57.1 47.2 70.8
 89 80.0 65.5 98.3
 182 2.7 2.2 3.4

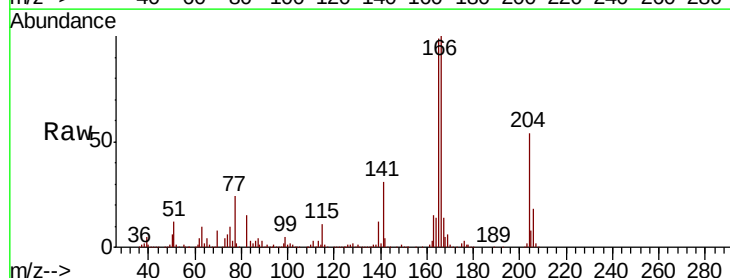


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

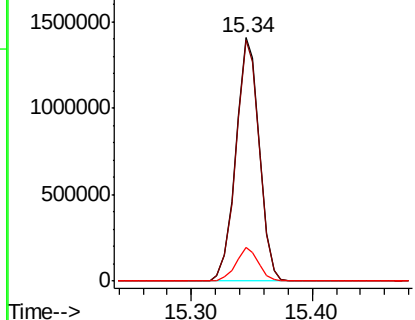
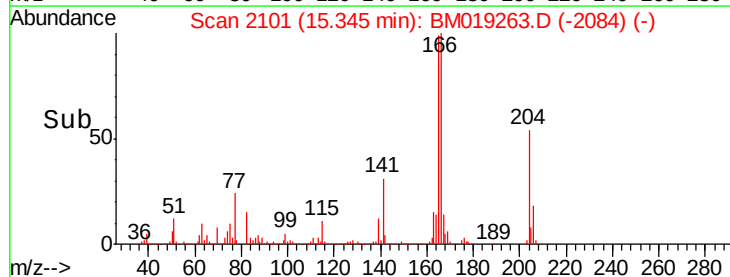


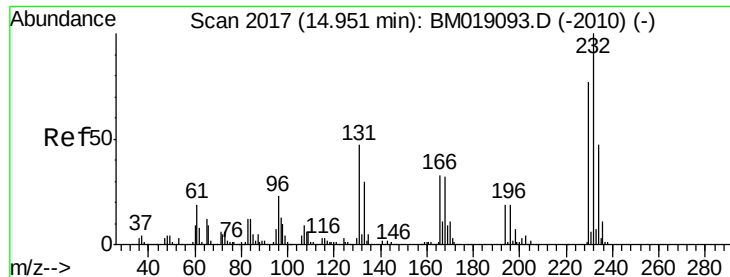
#58
 Fluorene
 Concen: 38.329 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion:166 Resp: 1900882
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.6 118.0
 167 13.7 10.7 16.1



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

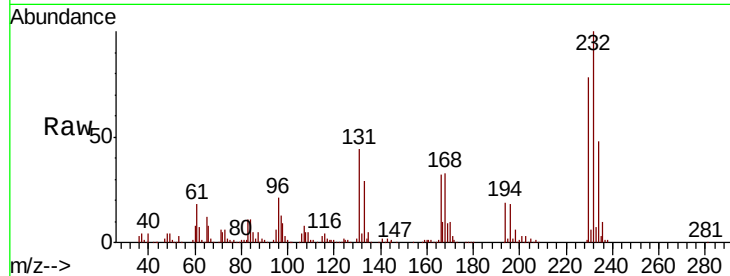




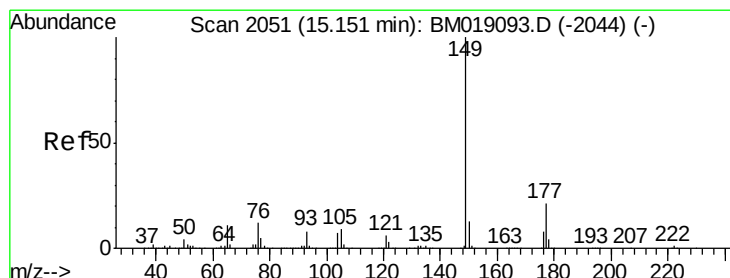
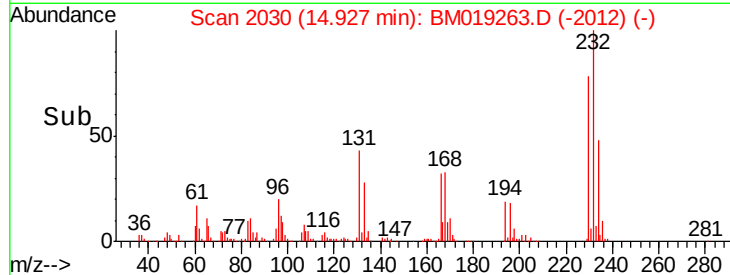
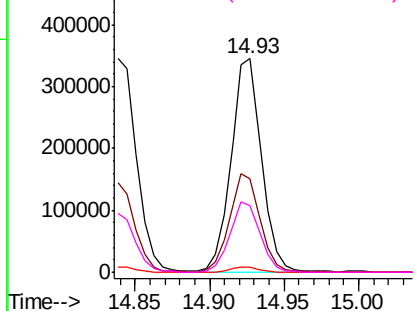
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.760 ng
RT: 14.93 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 488622
Ion Ratio Lower Upper
232 100
131 46.3 37.2 55.8
130 2.4 2.0 3.0
166 33.4 27.0 40.4

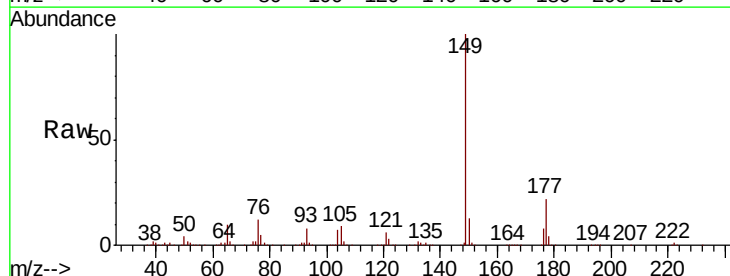


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

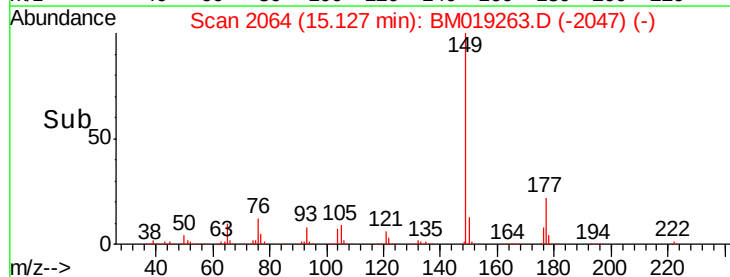
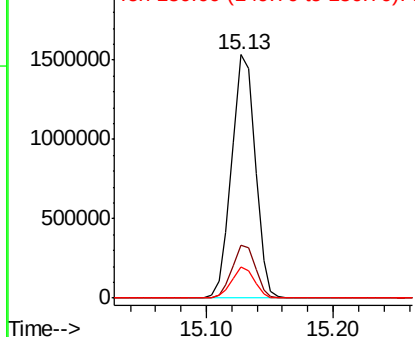


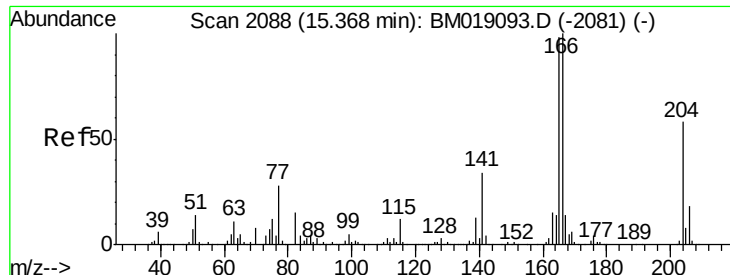
#60
Diethylphthalate
Concen: 38.574 ng
RT: 15.13 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:149 Resp: 1968666
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.7 10.1 15.1



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

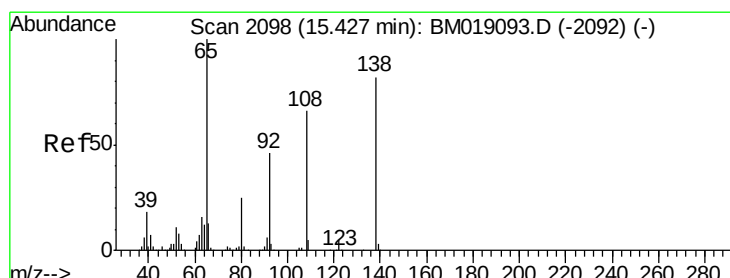
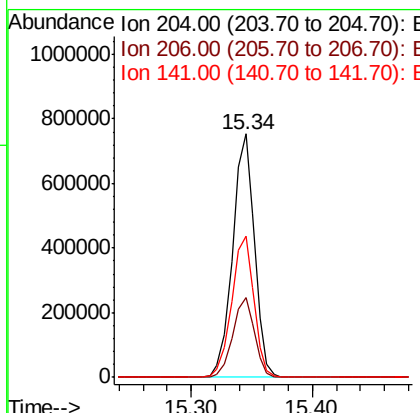
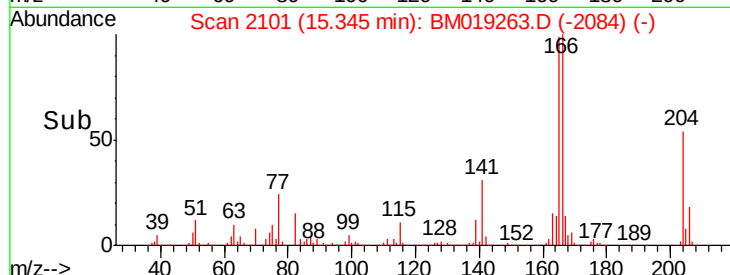
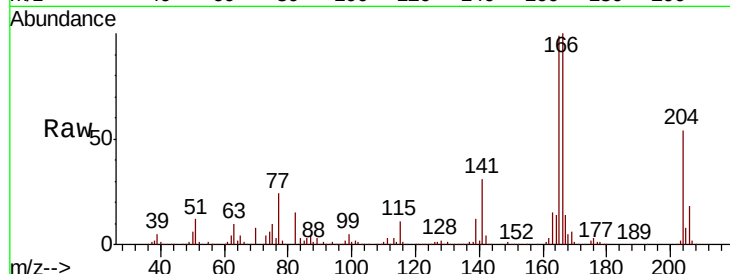




#61
4-Chlorophenyl-phenylether
Concen: 39.348 ng
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

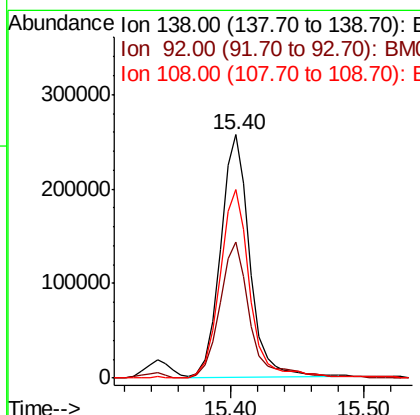
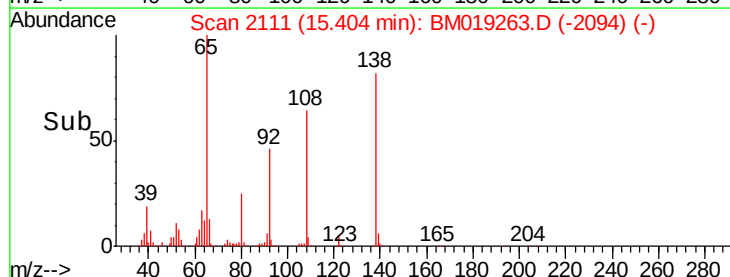
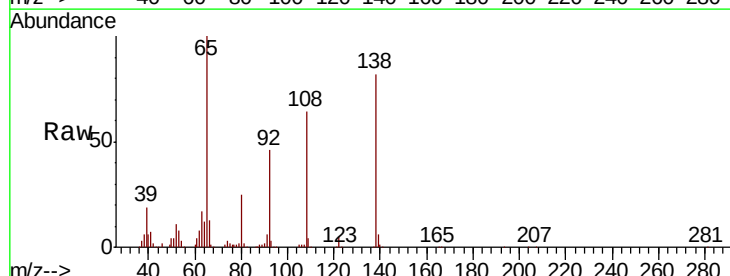
Instrument :
BNA_M
ClientSampled :

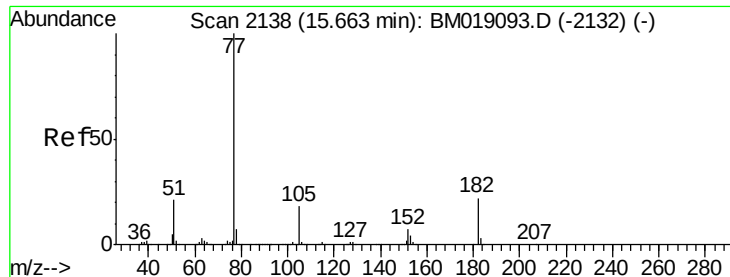
Tot Ion:204 Resp: 947761
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 57.8 45.8 68.8



#62
4-Nitroaniline
Concen: 33.837 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:138 Resp: 393418
Ion Ratio Lower Upper
138 100
92 55.9 34.8 74.8
108 77.5 58.9 98.9





#63

Azobenzene

Concen: 38.462 ng

RT: 15.64 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2065546

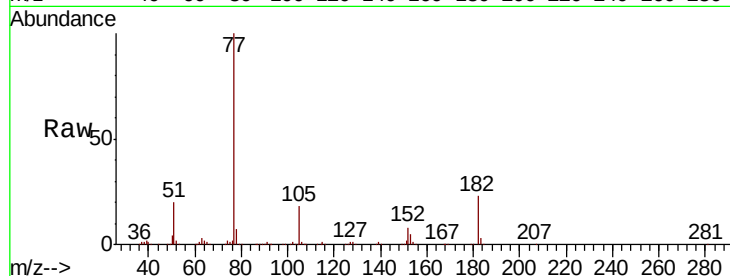
Ion	Ratio	Lower	Upper
77	100		
182	23.0	2.7	42.7
105	18.5	0.0	38.1
51	20.4	0.7	40.7

77 100

182 23.0 2.7 42.7

105 18.5 0.0 38.1

51 20.4 0.7 40.7

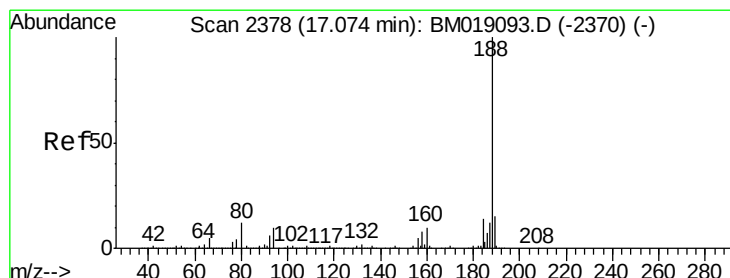
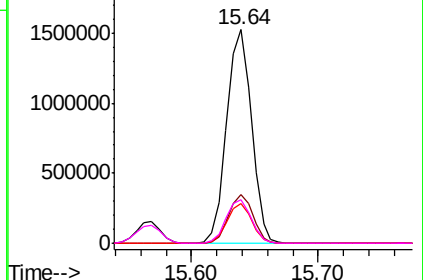
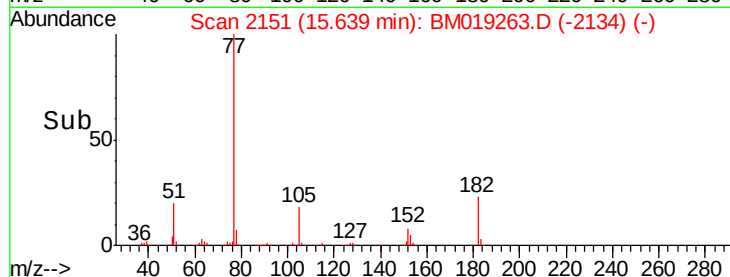


Abundance Ion 77.00 (76.70 to 77.70): BM019263.D (-2134) (-)

Ion 182.00 (181.70 to 182.70): BM019263.D (-2134) (-)

Ion 105.00 (104.70 to 105.70): BM019263.D (-2134) (-)

Ion 51.00 (50.70 to 51.70): BM019263.D (-2134) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

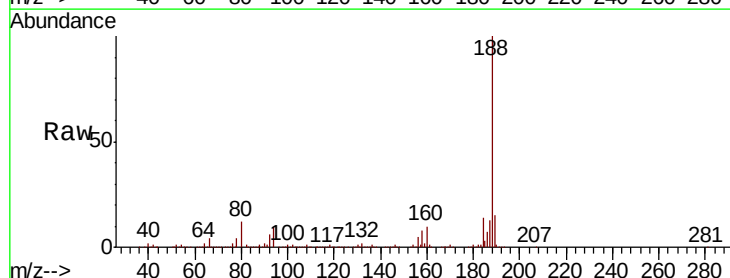
Tgt Ion: 188 Resp: 1242792

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.7	13.1
80	11.8	9.8	14.8

188 100

94 10.1 8.7 13.1

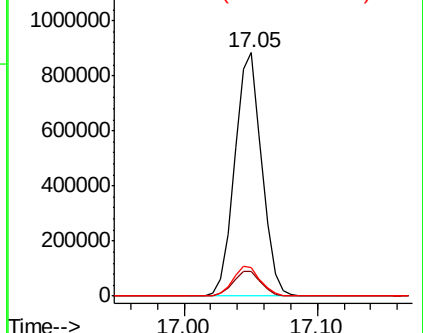
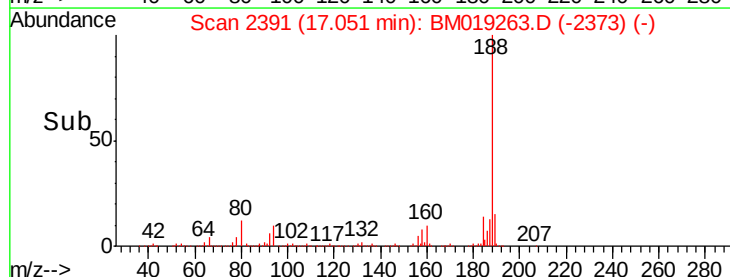
80 11.8 9.8 14.8

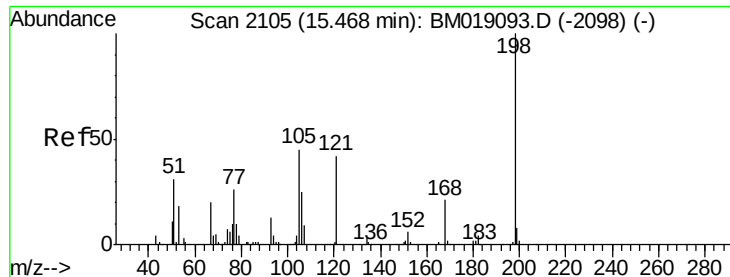


Abundance Ion 188.00 (187.70 to 188.70): BM019263.D (-2373) (-)

Ion 94.00 (93.70 to 94.70): BM019263.D (-2373) (-)

Ion 80.00 (79.70 to 80.70): BM019263.D (-2373) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 36.764 ng

RT: 15.44 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampled :

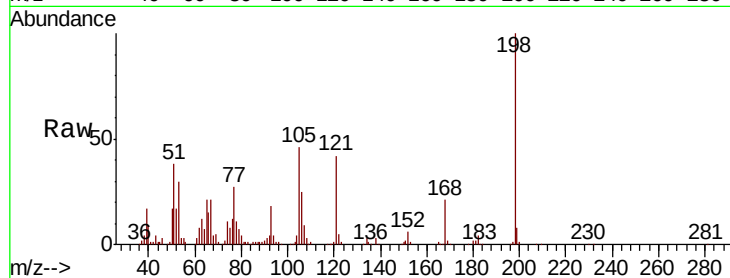
Tot Ion:198 Resp: 299405

Ion Ratio Lower Upper

198 100

51 38.1 16.1 56.1

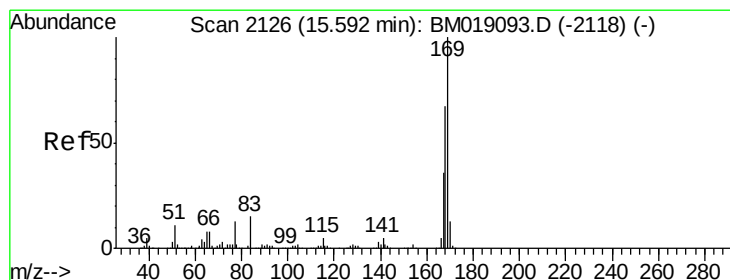
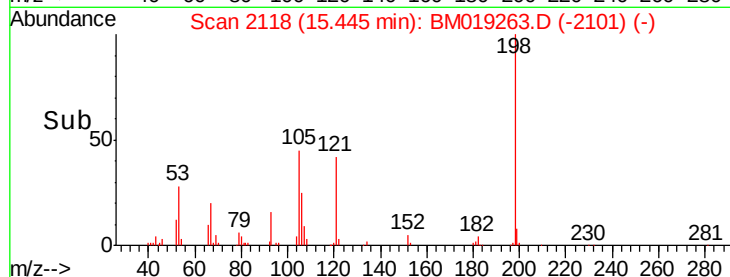
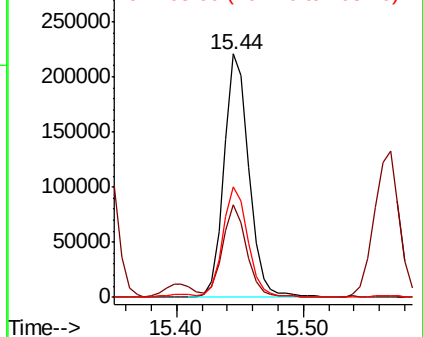
105 45.5 25.1 65.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.540 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

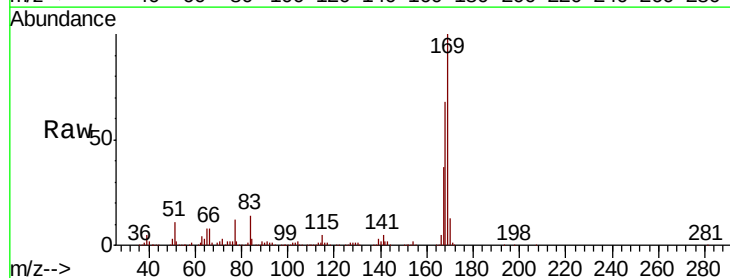
Tgt Ion:169 Resp: 1643570

Ion Ratio Lower Upper

169 100

168 68.2 55.0 82.4

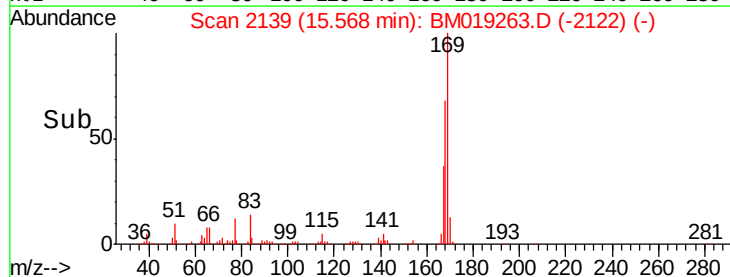
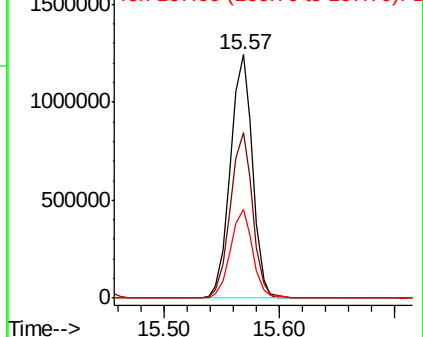
167 36.6 29.1 43.7

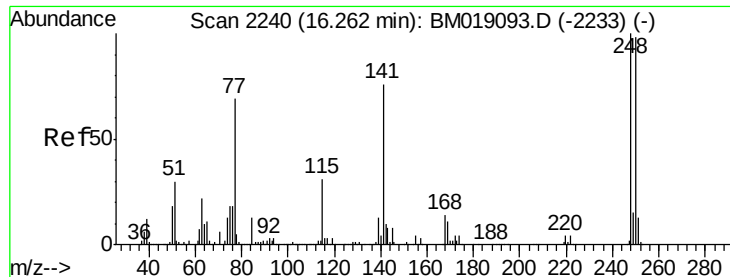


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

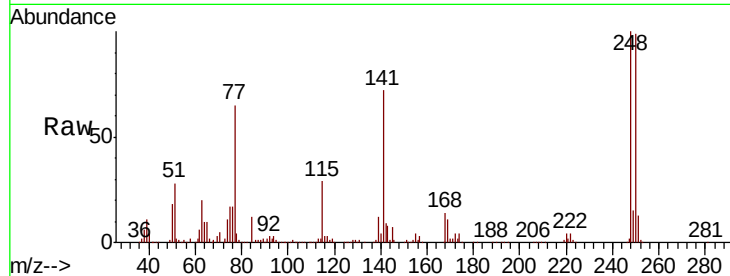




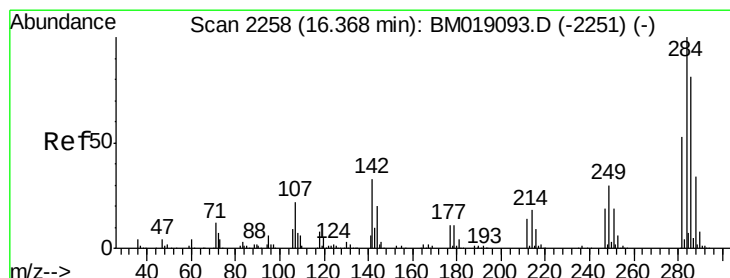
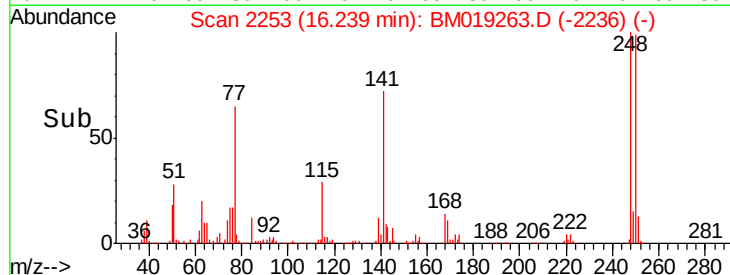
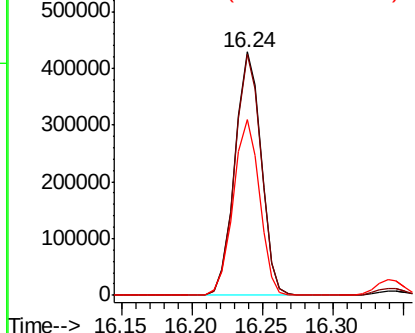
#67
 4-Bromophenyl-phenylether
 Concen: 40.758 ng
 RT: 16.24 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:248 Resp: 558583
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.2 117.2
 141 72.3 57.2 85.8

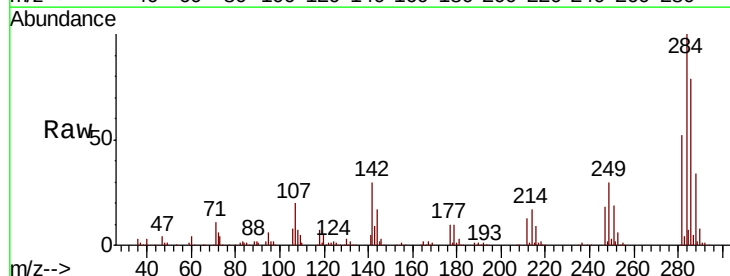


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

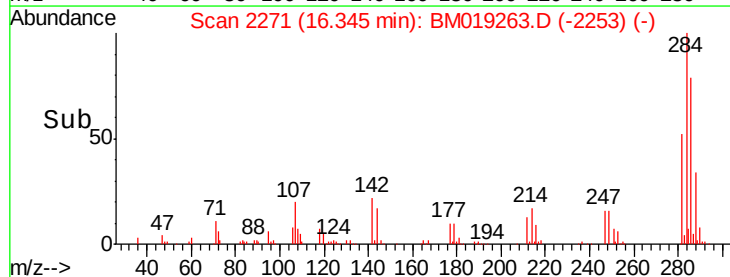
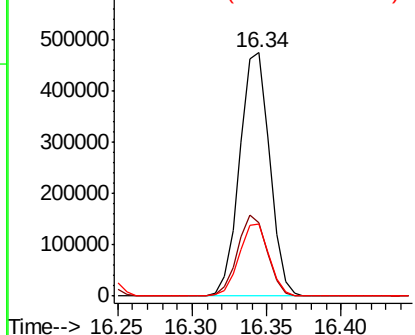


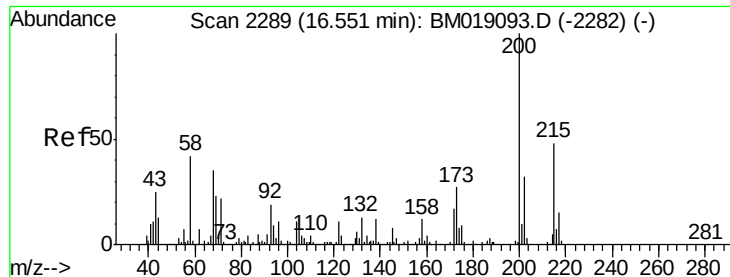
#68
 Hexachlorobenzene
 Concen: 40.738 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion:284 Resp: 663761
 Ion Ratio Lower Upper
 284 100
 142 30.0 27.9 41.9
 249 29.6 23.5 35.3



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

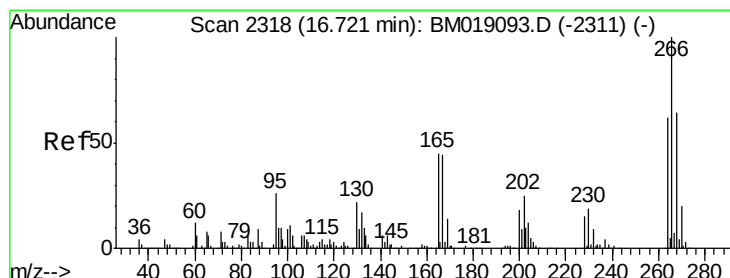
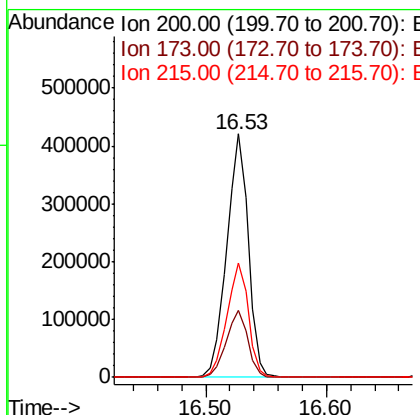
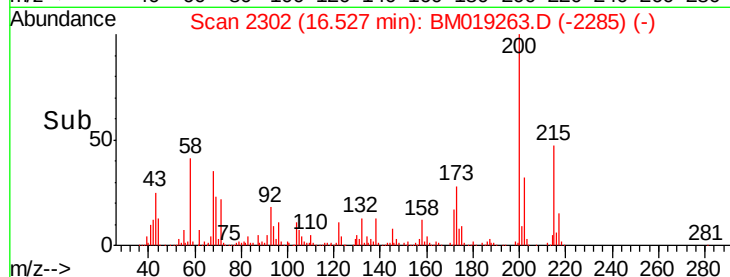
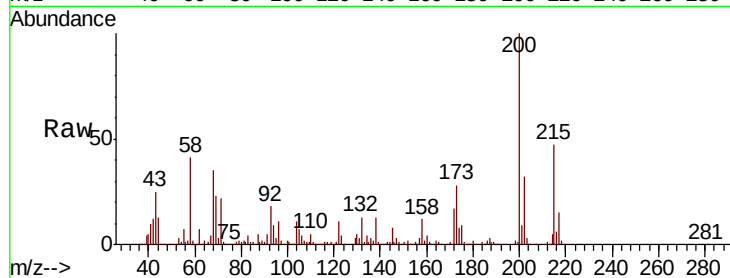




#69
 Atrazine
 Concen: 39.039 ng
 RT: 16.53 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

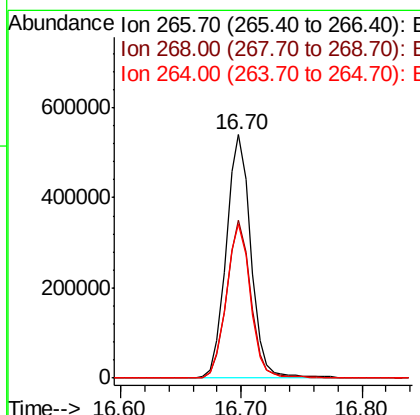
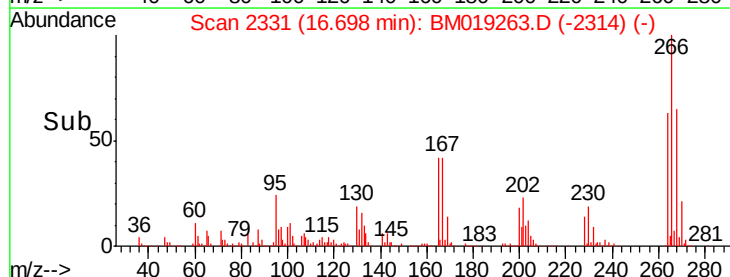
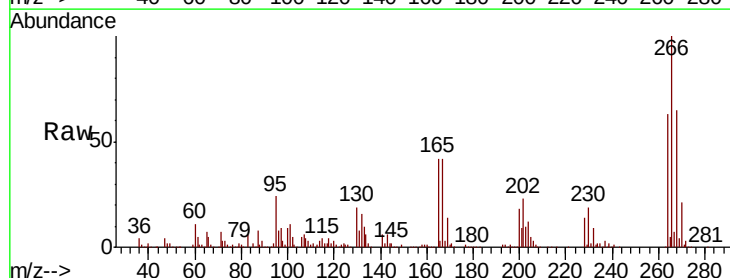
Instrument :
 BNA_M
 ClientSampled :

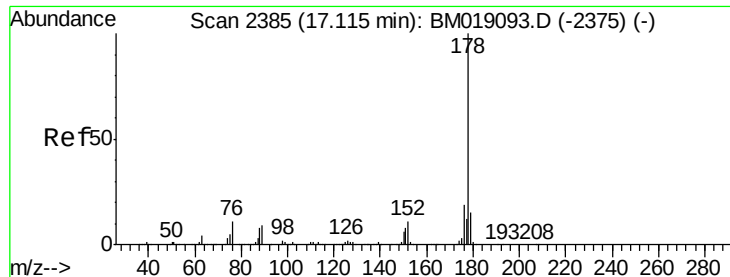
Tot Ion:200 Resp: 519963
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.8 46.8
 215 46.8 26.4 66.4



#70
 Pentachlorophenol
 Concen: 77.975 ng
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion:266 Resp: 765457
 Ion Ratio Lower Upper
 266 100
 268 64.8 52.0 78.0
 264 63.0 50.6 76.0

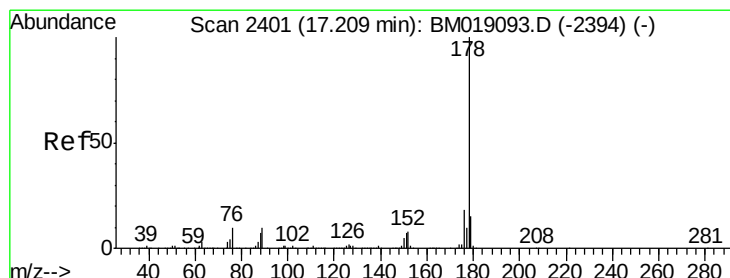
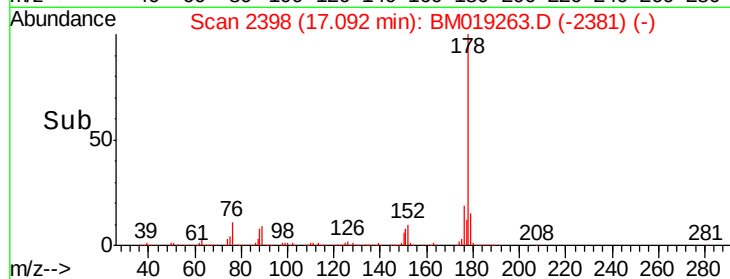
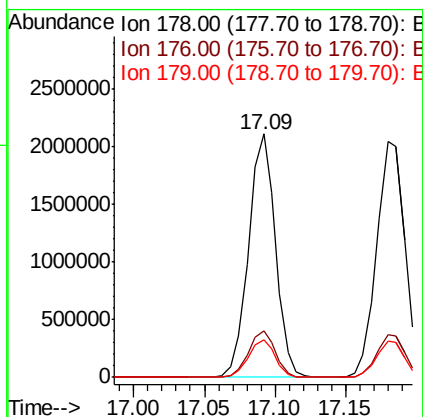
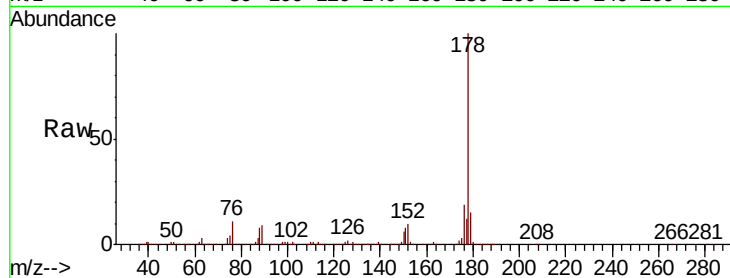




#71
Phenanthrene
Concen: 38.736 ng
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

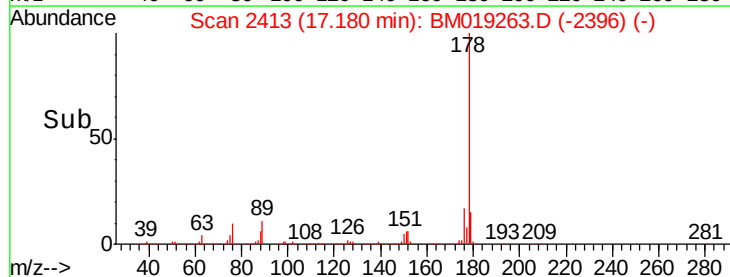
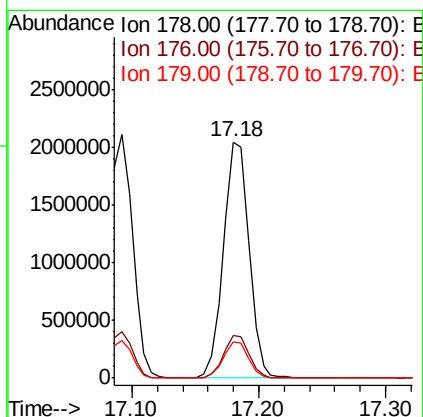
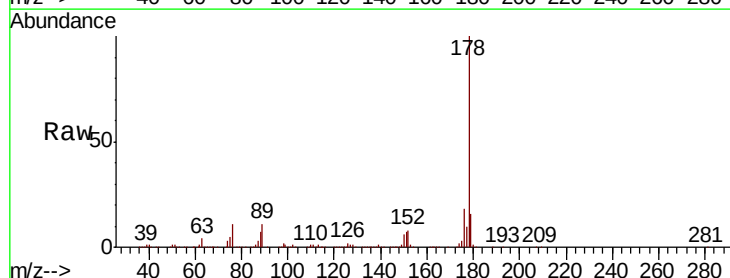
Instrument :
BNA_M
ClientSampled :

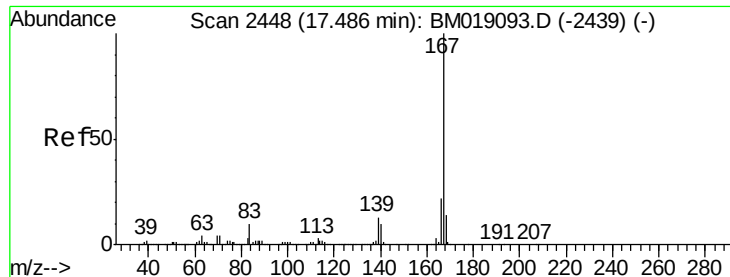
Tot Ion:178 Resp: 2821714
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.5 12.2 18.4



#72
Anthracene
Concen: 39.999 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM019263.D
Acq: 20 Mar 2019 15:54

Tgt Ion:178 Resp: 2852382
Ion Ratio Lower Upper
178 100
176 18.1 14.6 21.8
179 15.6 12.2 18.2



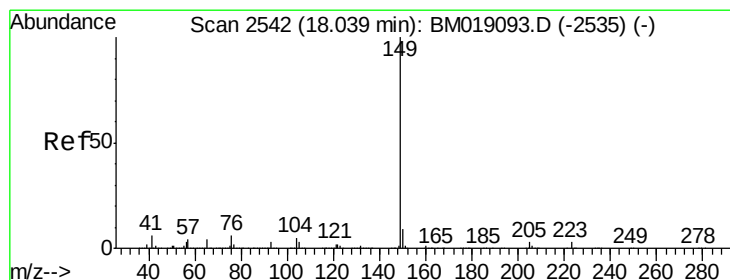
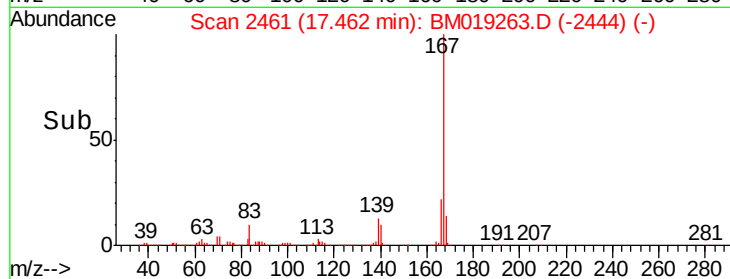
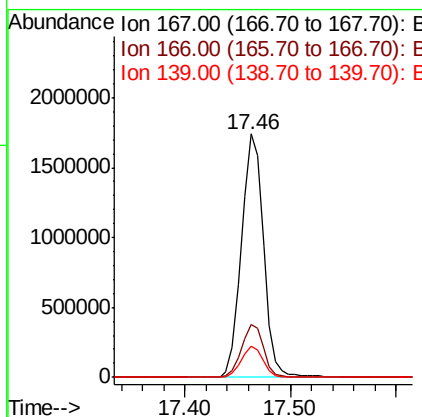
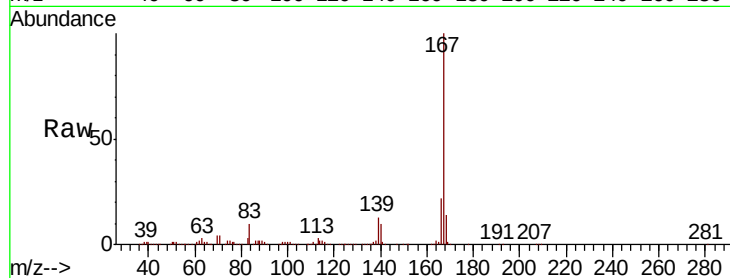


#73
 Carbazole
 Concen: 37.319 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2511794

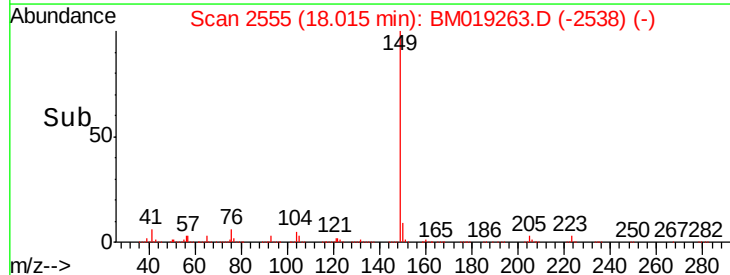
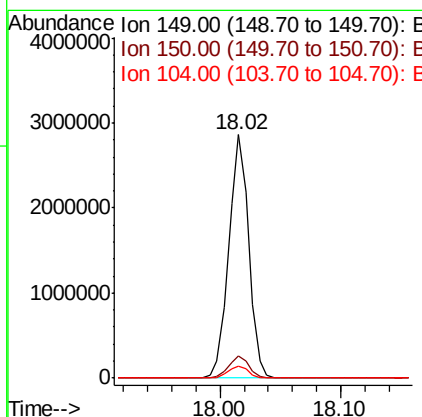
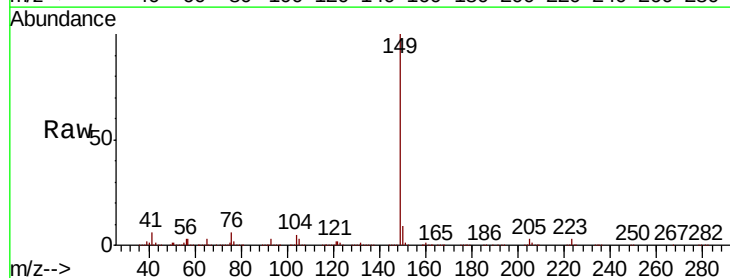
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.0	10.3	15.5

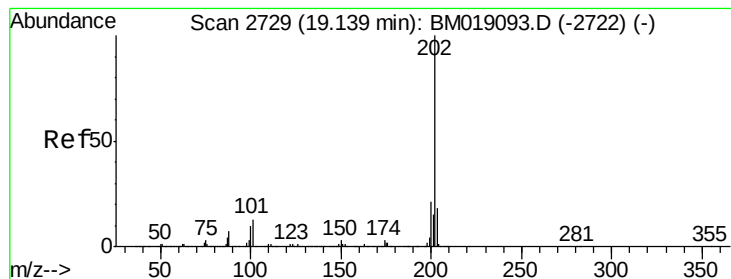


#74
 Di-n-butylphthalate
 Concen: 40.314 ng
 RT: 18.02 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BM019263.D
 Acq: 20 Mar 2019 15:54

Tgt Ion:149 Resp: 3281167

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 35.736 ng

RT: 19.12 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

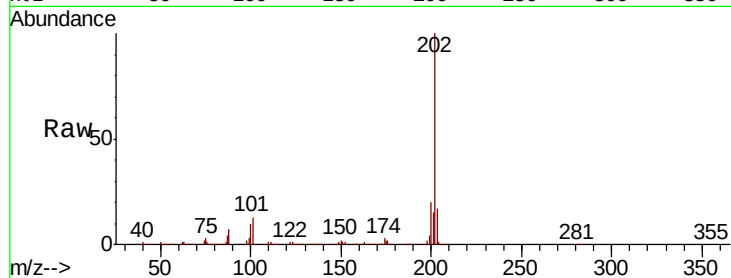
Tot Ion:202 Resp: 2987079

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.8

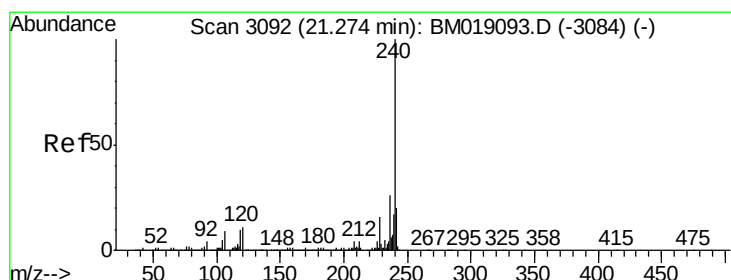
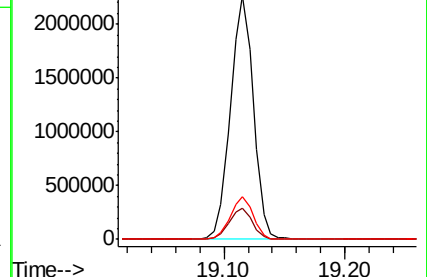
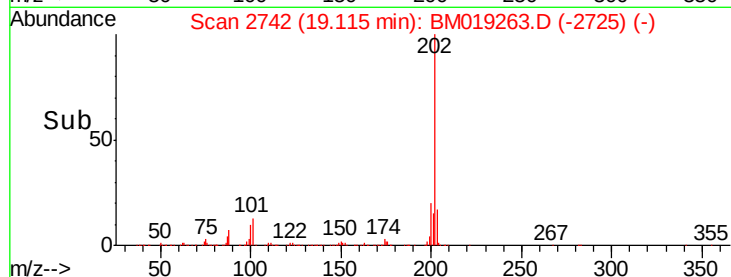
203 17.3 0.0 37.3



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: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

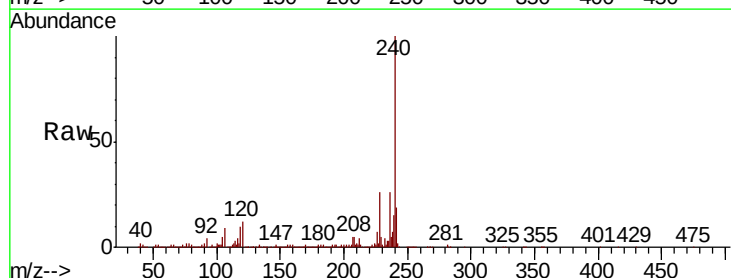
Tgt Ion:240 Resp: 1070734

Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

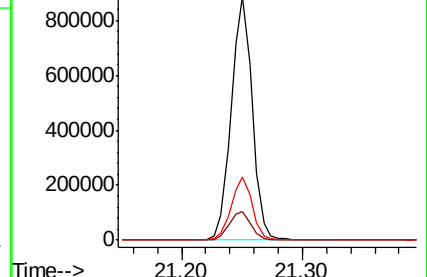
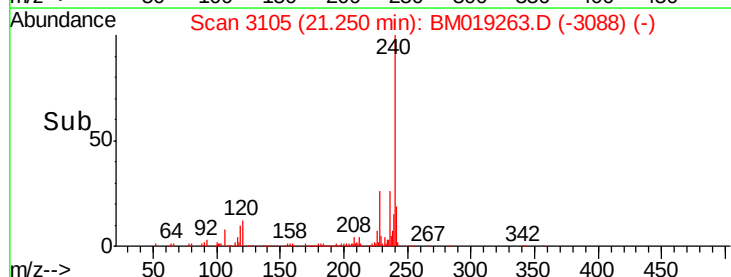
236 25.9 20.3 30.5

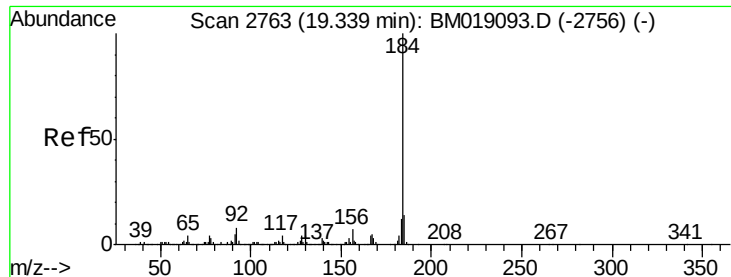


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.552 ng

RT: 19.32 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

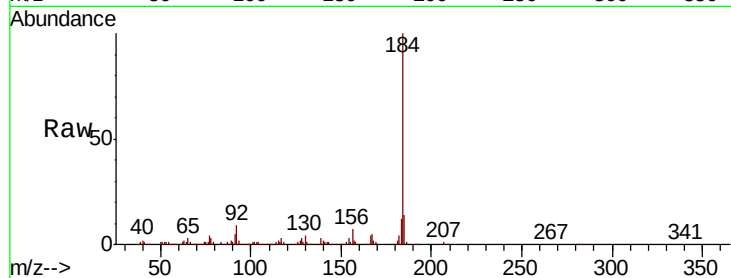
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1261783

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.2	16.8
183	12.4	9.7	14.5

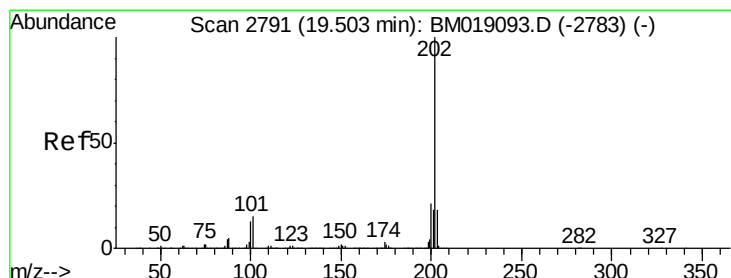
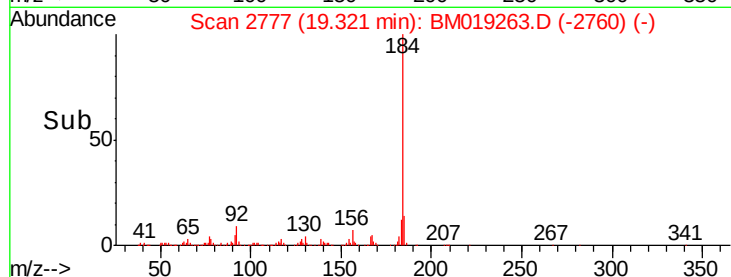
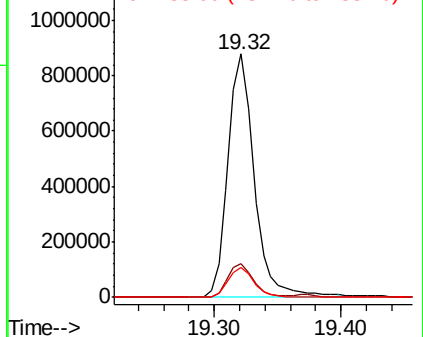


Abundance

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: 44.767 ng

RT: 19.48 min Scan# 2804

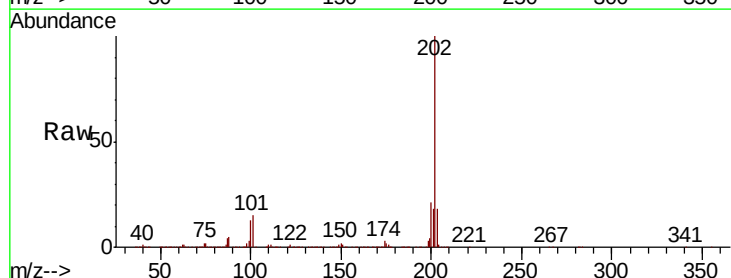
Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Tgt Ion:202 Resp: 3032808

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.7	13.9	20.9

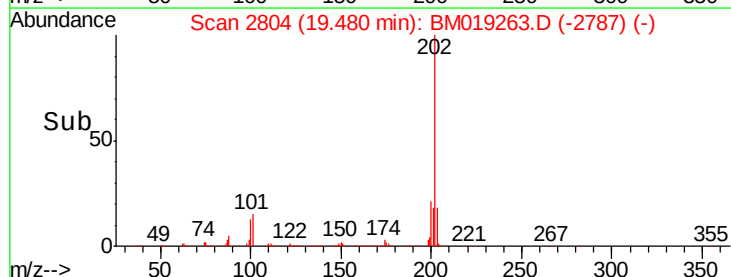
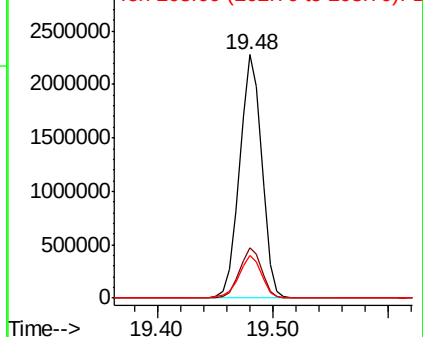


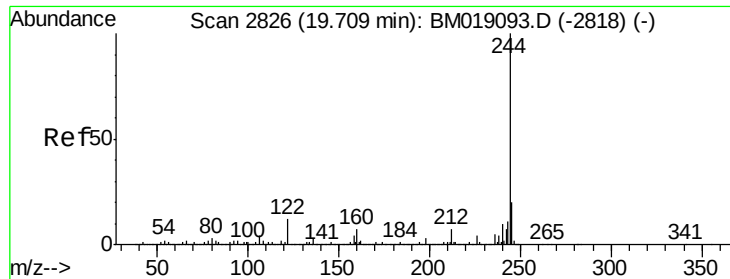
Abundance

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: 90.768 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampled :

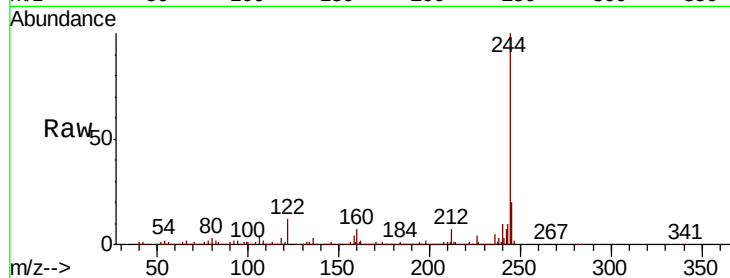
Tot Ion:244 Resp: 4895621

Ion Ratio Lower Upper

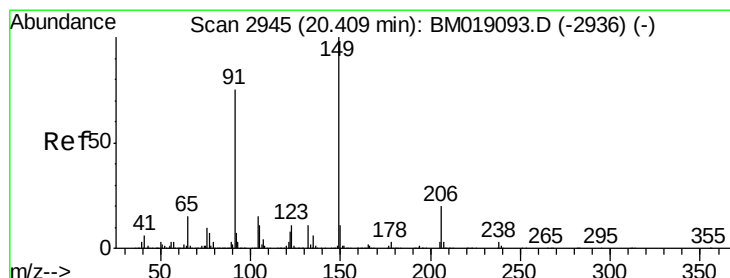
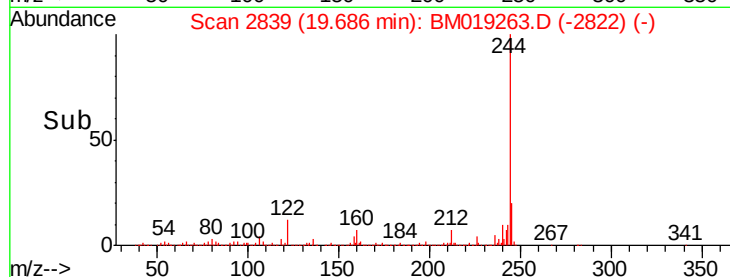
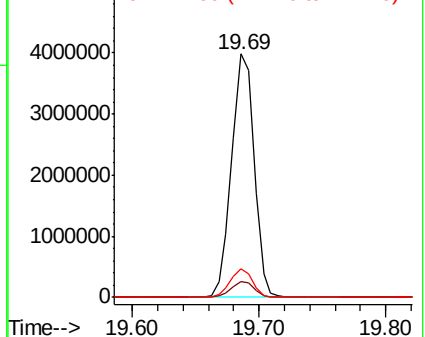
244 100

212 6.7 5.4 8.2

122 11.8 9.6 14.4



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: 46.953 ng

RT: 20.39 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

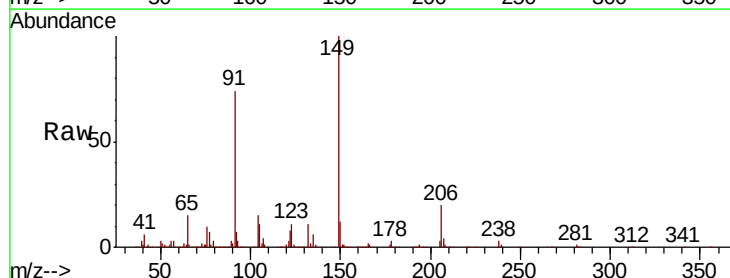
Tgt Ion:149 Resp: 1385457

Ion Ratio Lower Upper

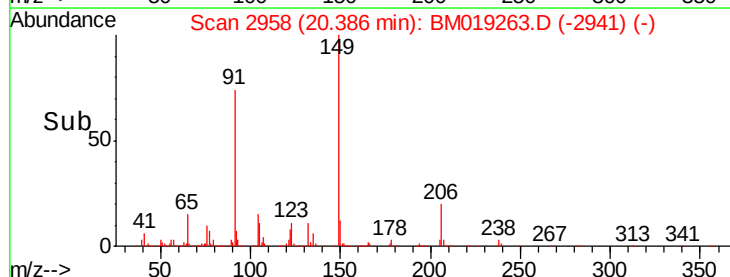
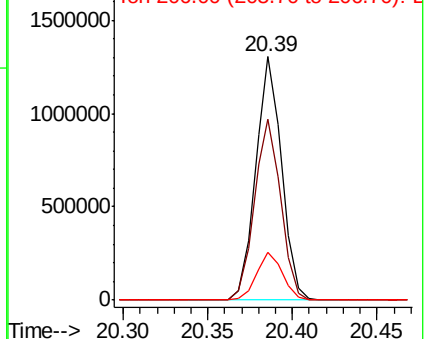
149 100

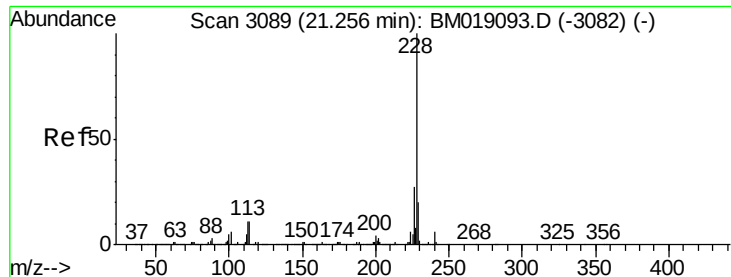
91 74.3 61.6 92.4

206 19.8 15.9 23.9



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: 38.387 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampled :

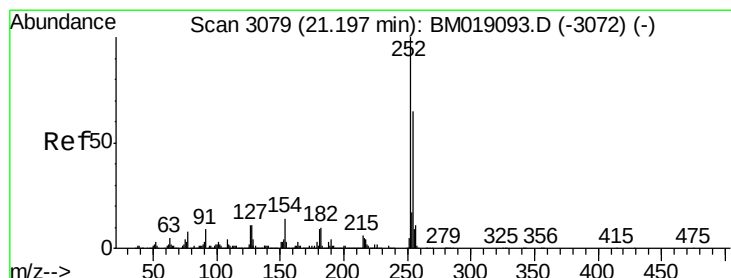
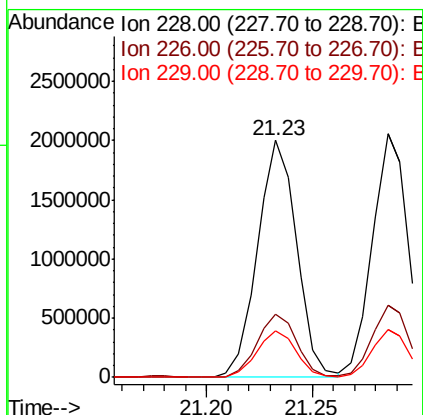
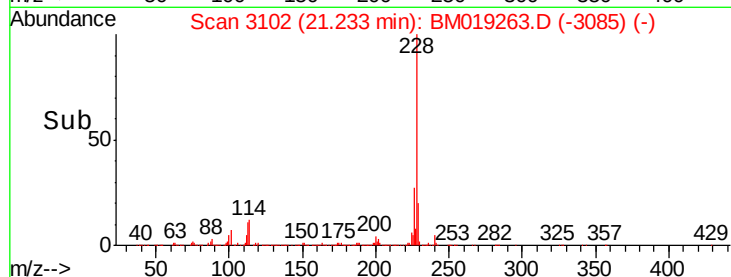
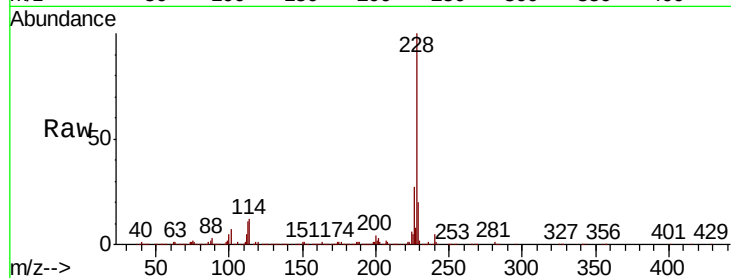
Tot Ion:228 Resp: 2578631

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 31.849 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

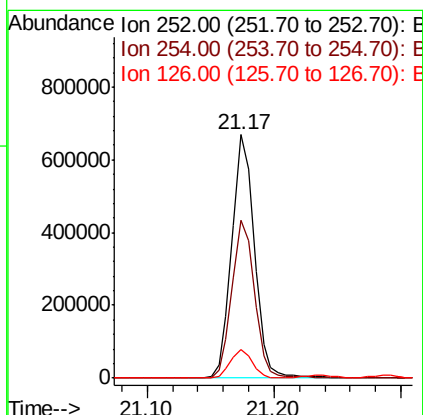
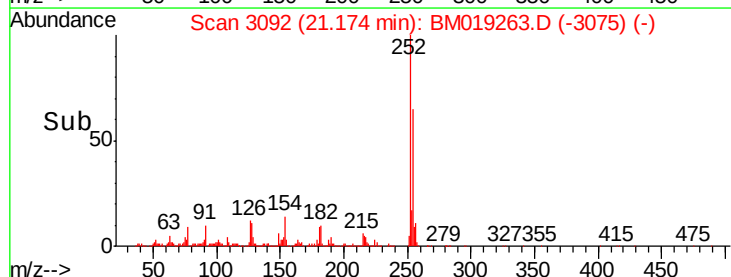
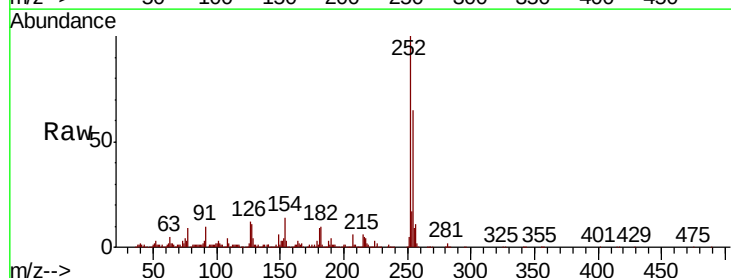
Tgt Ion:252 Resp: 824186

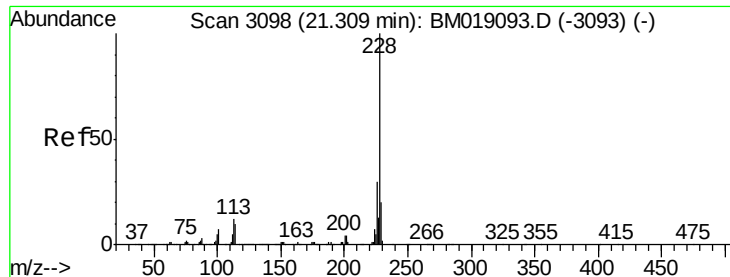
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 11.8 9.2 13.8





#83

Chrysene

Concen: 37.694 ng

RT: 21.29 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

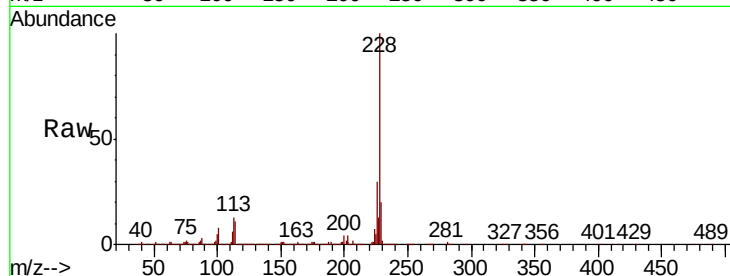
Tot Ion:228 Resp: 2449614

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	19.6	15.8	23.6

228 100

226 29.8 23.9 35.9

229 19.6 15.8 23.6

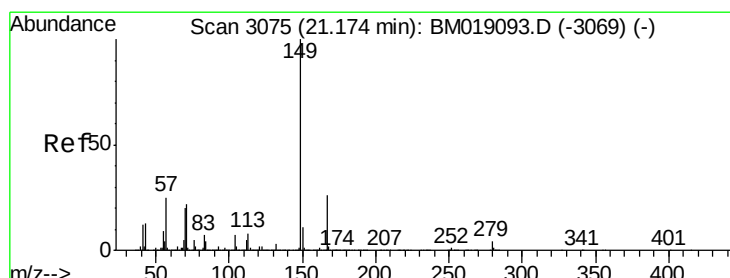
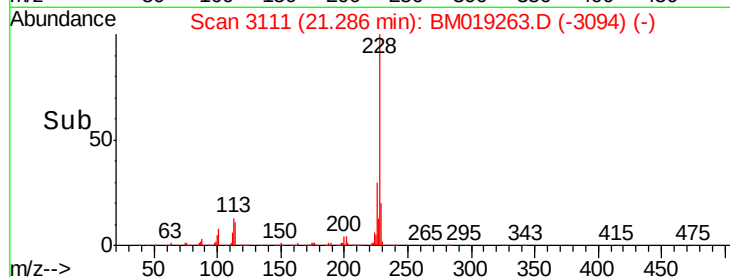
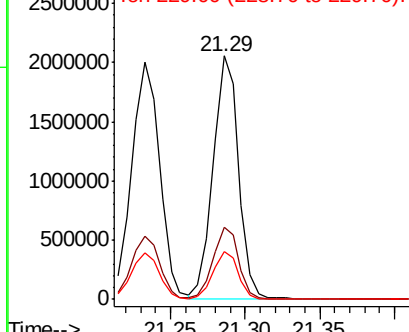


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.531 ng

RT: 21.16 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

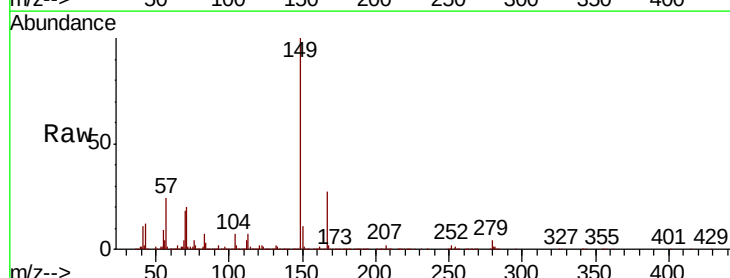
Tgt Ion:149 Resp: 1997501

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.2
279	4.3	3.6	5.4

149 100

167 26.7 21.4 32.2

279 4.3 3.6 5.4

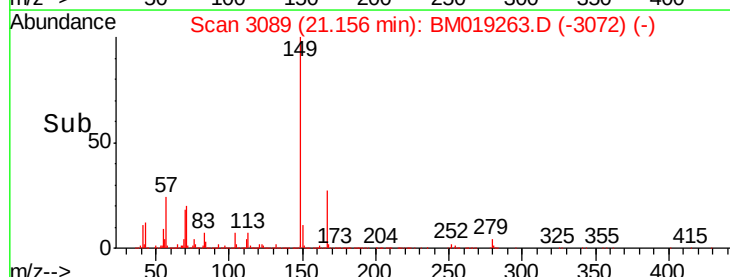
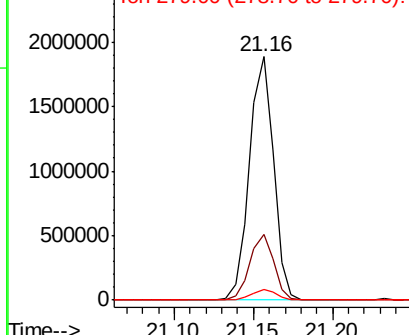


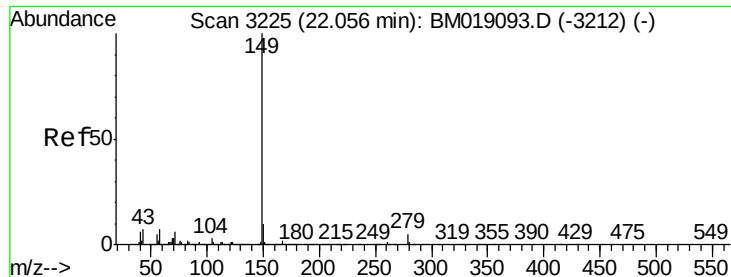
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.582 ng

RT: 22.03 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

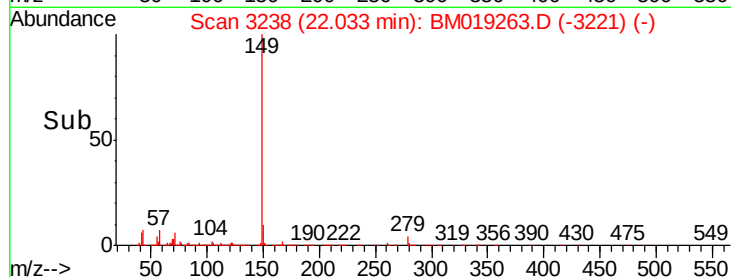
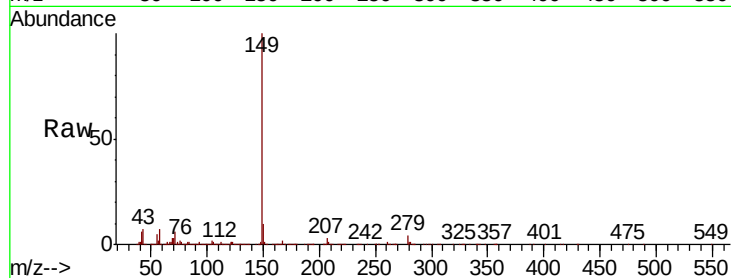
Tot Ion:149 Resp: 3078109

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

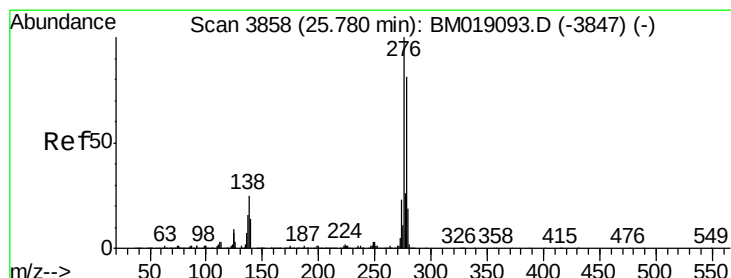
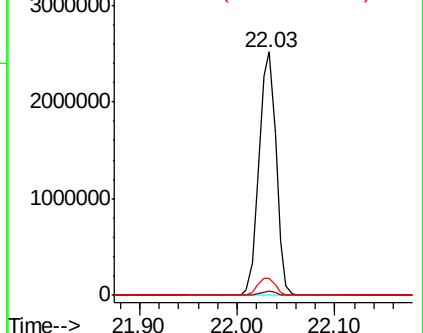
43 7.4 6.0 9.0



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: 40.286 ng

RT: 25.73 min Scan# 3867

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

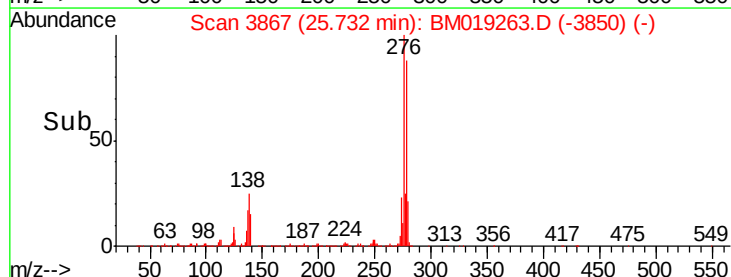
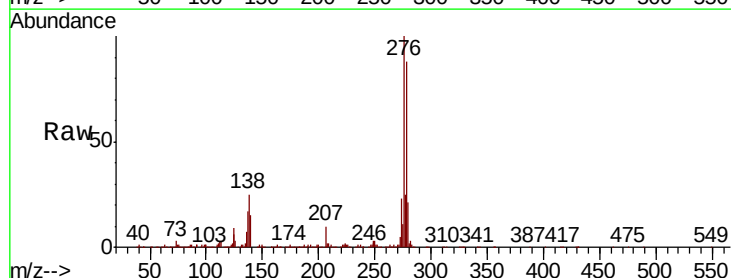
Tgt Ion:276 Resp: 2818284

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

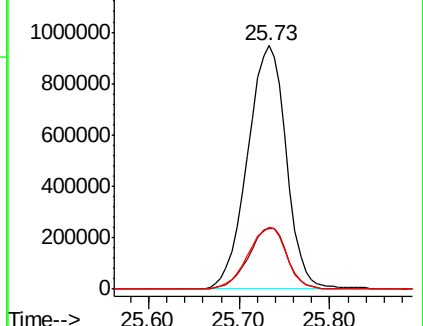
277 25.4 20.2 30.4

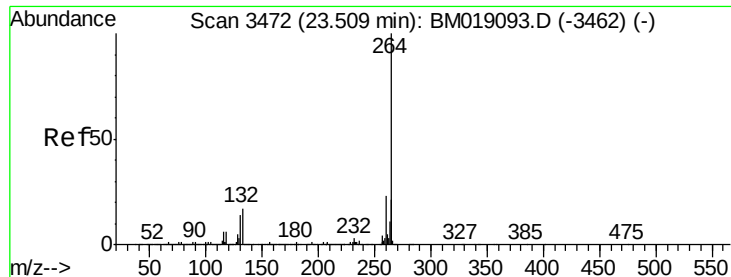


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.47 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

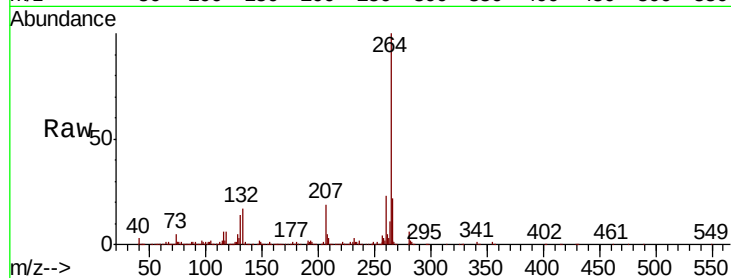
Tot Ion:264 Resp: 898586

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 22.2 17.6 26.4

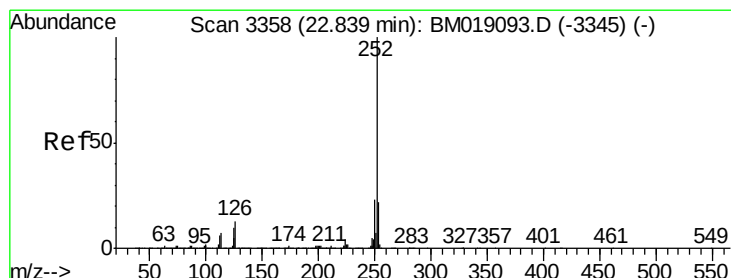
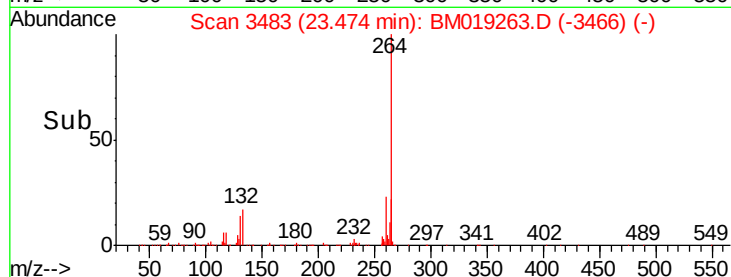
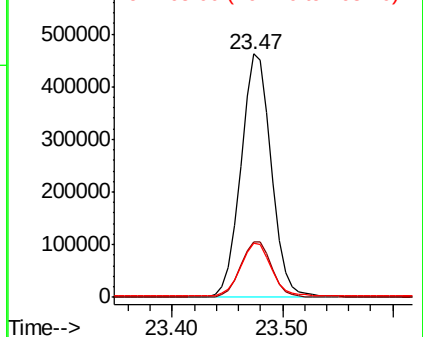


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.557 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

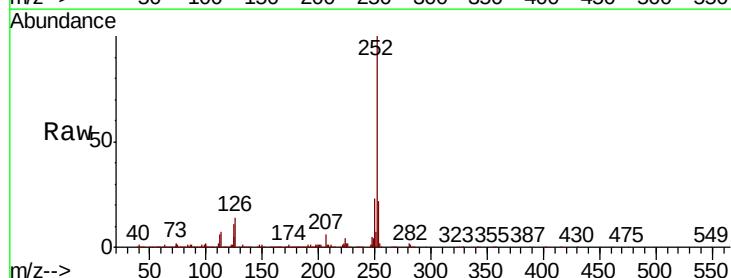
Tgt Ion:252 Resp: 2361487

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 10.7 8.2 12.4

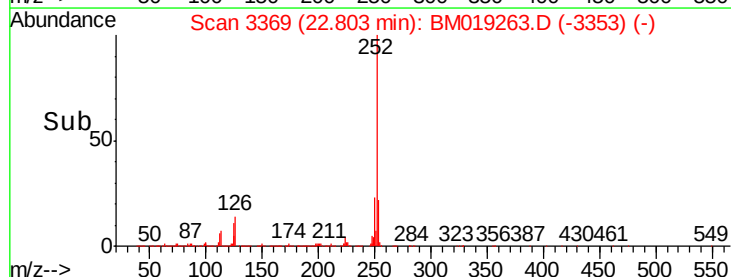
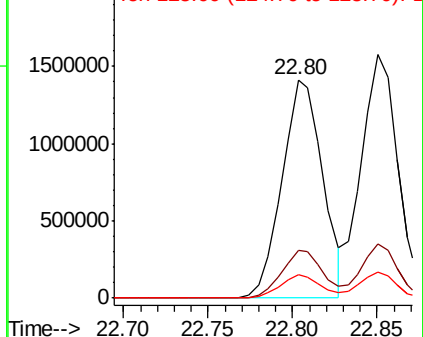


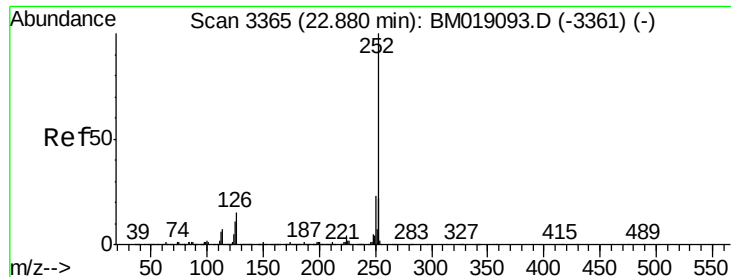
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.472 ng

RT: 22.85 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Instrument :

BNA_M

ClientSampleId :

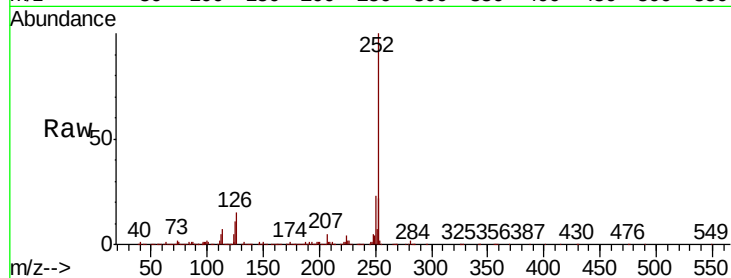
Tot Ion:252 Resp: 2381681

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

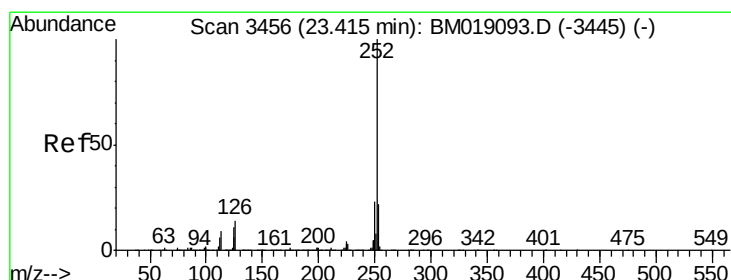
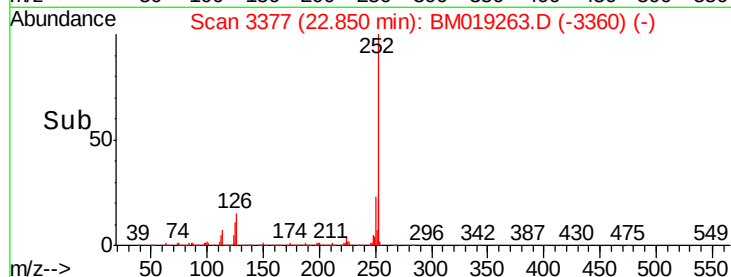
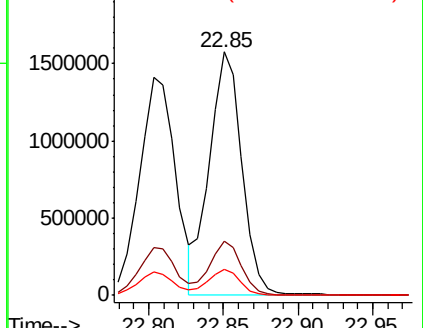
125 10.6 8.6 12.8



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



#90

Benzo(a)pyrene

Concen: 43.587 ng

RT: 23.38 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

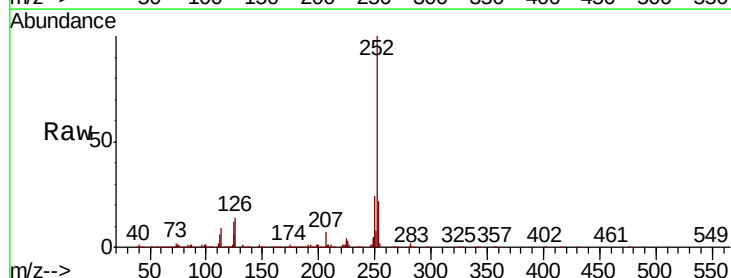
Tgt Ion:252 Resp: 2280734

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

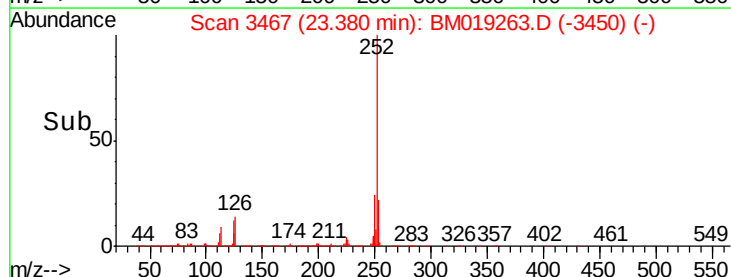
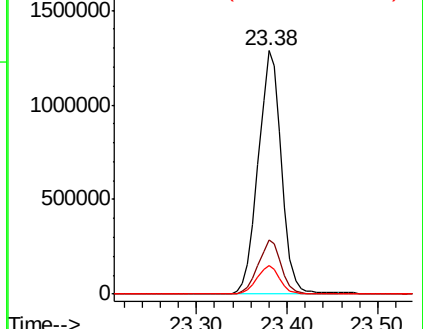
125 11.6 9.2 13.8

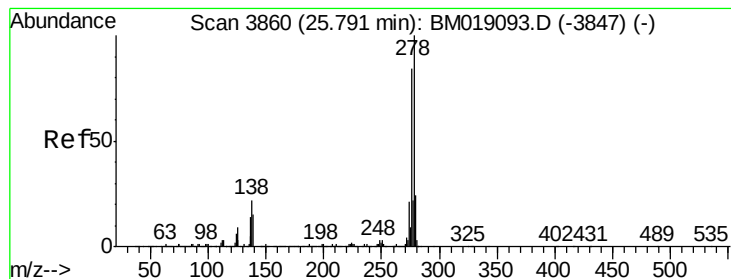


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.801 ng

RT: 25.74 min Scan# 3869

Delta R.T. 0.01 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

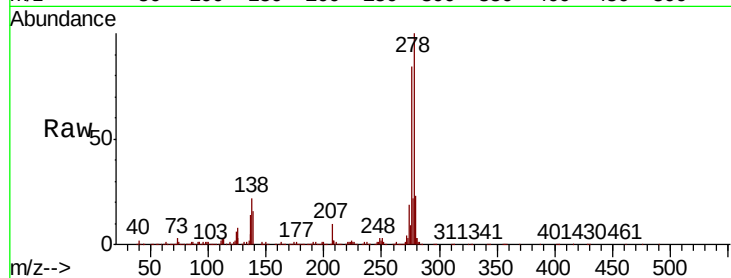
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2392663

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	19.0
279	23.4	18.9	28.3

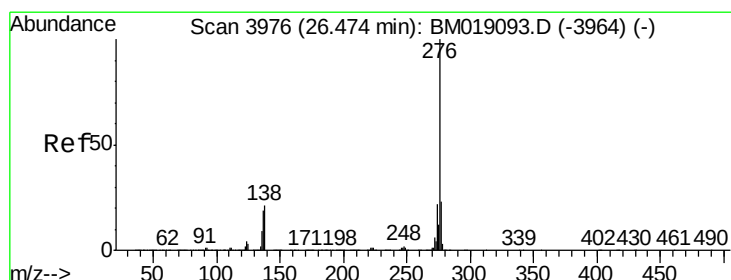
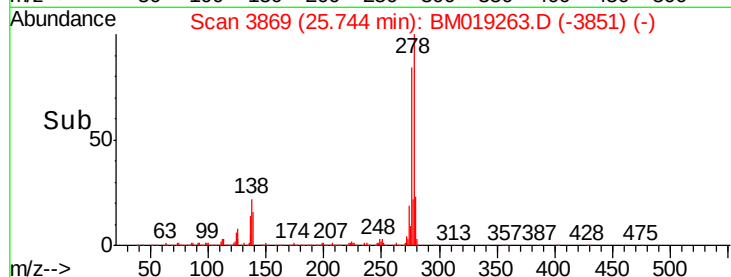
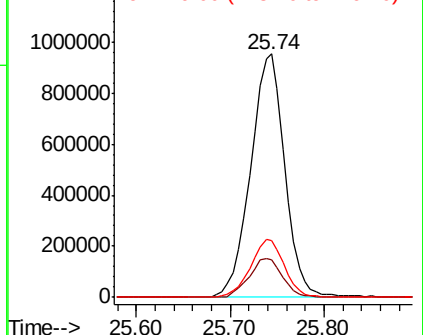


Abundance

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: 50.633 ng

RT: 26.42 min Scan# 3984

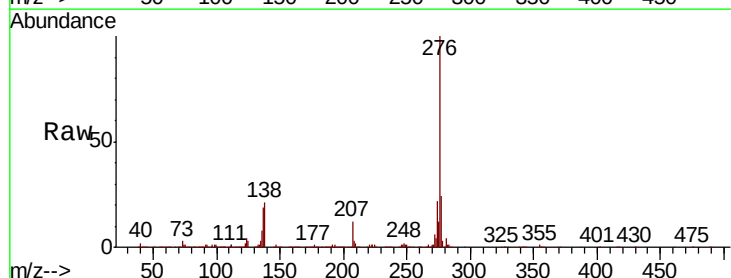
Delta R.T. 0.00 min

Lab File: BM019263.D

Acq: 20 Mar 2019 15:54

Tgt Ion:276 Resp: 2326860

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	21.2	16.9	25.3



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

