

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019267.D
 Acq On : 20 Mar 2019 18:20
 Operator : JU/SJ
 Sample : K1984-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:13:55 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	179500	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	787316	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	483262	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1061294	20.00	ng	0.00
76) Chrysene-d12	21.25	240	918209	20.00	ng	0.00
87) Perylene-d12	23.48	264	806512	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1709328	154.22	ng	0.00
7) Phenol-d6	6.82	99	2543926	156.91	ng	0.00
23) Nitrobenzene-d5	8.80	82	1528611	91.78	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1075251	150.70	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	2769061	74.53	ng	0.00
79) Terphenyl-d14	19.69	244	3948790	85.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	172964	35.079	ng	98
3) Pyridine	3.59	79	499878	37.264	ng	99
4) n-Nitrosodimethylamine	3.52	42	164488	39.442	ng	96
6) Aniline	6.98	93	623030	29.765	ng	99
8) 2-Chlorophenol	7.20	128	622780	46.757	ng	100
9) Benzaldehyde	6.80	77	195825	19.203	ng	96
10) Phenol	6.85	94	892099	51.058	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	554320	41.577	ng	99
12) 1,3-Dichlorobenzene	7.52	146	565864	40.145	ng	98
13) 1,4-Dichlorobenzene	7.67	146	587250	40.865	ng	98
14) 1,2-Dichlorobenzene	7.98	146	574816	41.113	ng	99
15) Benzyl Alcohol	7.89	79	595726	44.398	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	556586	40.885	ng	99
17) 2-Methylphenol	8.09	107	550964	48.391	ng	97
18) Hexachloroethane	8.69	117	207904	38.934	ng	99
19) n-Nitroso-di-n-propylamine	8.45	70	552379	41.530	ng	99
20) 3+4-Methylphenols	8.41	107	760425	49.203	ng	99
22) Acetophenone	8.47	105	922955	42.419	ng	99
24) Nitrobenzene	8.85	77	768630	44.373	ng	99
25) Isophorone	9.36	82	1424677	44.827	ng	99
26) 2-Nitrophenol	9.55	139	336160	46.818	ng	98
27) 2,4-Dimethylphenol	9.60	122	604286	56.611	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	850320	45.185	ng	98
29) 2,4-Dichlorophenol	10.07	162	610703	51.657	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	587726	44.089	ng	98
31) Naphthalene	10.47	128	1824217	43.960	ng	100
32) Benzoic acid	9.74	122	132715	14.680	ng	96
33) 4-Chloroaniline	10.60	127	264005	15.520	ng	99
34) Hexachlorobutadiene	10.73	225	312472	40.846	ng	98
35) Caprolactam	11.43	113	93158	22.121	ng	96
36) 4-Chloro-3-methylphenol	11.73	107	707910	48.530	ng	99
37) 2-Methylnaphthalene	12.09	142	1375984	45.630	ng	99
38) 1-Methylnaphthalene	12.31	142	1314545	44.227	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	656497	42.945	ng	99

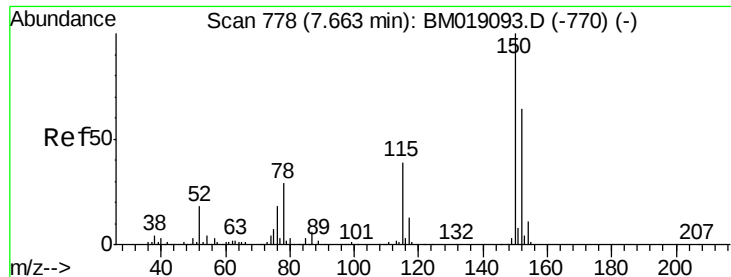
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	594450	85.849	ng	100
43) 2,4,6-Trichlorophenol	12.71	196	503055	50.922	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	532112	50.371	ng	99
46) 1,1'-Biphenyl	13.12	154	1782440	42.234	ng	99
47) 2-Chloronaphthalene	13.16	162	1397445	44.360	ng	99
48) 2-Nitroaniline	13.39	65	487443	46.137	ng	99
49) Acenaphthylene	14.02	152	2276424	42.737	ng	99
50) Dimethylphthalate	13.76	163	2092241	50.610	ng	100
51) 2,6-Dinitrotoluene	13.89	165	409523	45.825	ng	98
52) Acenaphthene	14.36	154	1331378	43.499	ng	100
53) 3-Nitroaniline	14.23	138	269072	28.428	ng	99
54) 2,4-Dinitrophenol	14.44	184	405232	78.080	ng	98
55) Dibenzofuran	14.69	168	2138362	43.322	ng	100
56) 4-Nitrophenol	14.54	139	698482	90.384	ng	99
57) 2,4-Dinitrotoluene	14.69	165	579854	44.699	ng	99
58) Fluorene	15.34	166	1772797	43.573	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	479825	48.790	ng	99
60) Diethylphthalate	15.13	149	1874699	44.775	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	872049	44.131	ng	99
62) 4-Nitroaniline	15.40	138	395298	41.442	ng	100
63) Azobenzene	15.64	77	1929646	43.798	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	301913	43.412	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1560694	46.191	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	520634	44.486	ng	100
68) Hexachlorobenzene	16.34	284	623477	44.809	ng	96
69) Atrazine	16.53	200	546502	48.049	ng	99
70) Pentachlorophenol	16.70	266	774766	92.421	ng	99
71) Phenanthrene	17.09	178	2672043	42.955	ng	100
72) Anthracene	17.18	178	2743508	45.051	ng	100
73) Carbazole	17.46	167	2525812	43.945	ng	100
74) Di-n-butylphthalate	18.02	149	3266693	47.000	ng	100
75) Fluoranthene	19.12	202	2912623	40.805	ng	99
77) Benzidine	19.32	184	1419652	54.516	ng	100
78) Pyrene	19.48	202	2936658	50.548	ng	100
80) Butylbenzylphthalate	20.39	149	1393258	55.061	ng	99
81) Benzo(a)anthracene	21.23	228	2388948	41.471	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	687892	30.998	ng	100
83) Chrysene	21.29	228	2315594	41.551	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	2025900	55.032	ng	100
85) Di-n-octyl phthalate	22.03	149	3018119	48.688	ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2486921	41.455	ng	99
88) Benzo(b)fluoranthene	22.81	252	2243315	42.926	ng	100
89) Benzo(k)fluoranthene	22.86	252	2098162	43.650	ng	99
90) Benzo(a)pyrene	23.39	252	2065738	43.985	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	2127610	47.358	ng	99
92) Benzo(g,h,i)perylene	26.43	276	2034743	49.331	ng	98

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

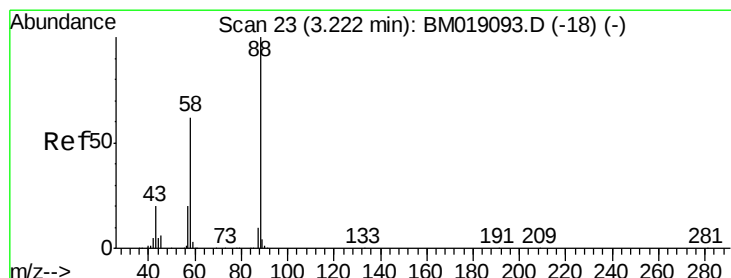
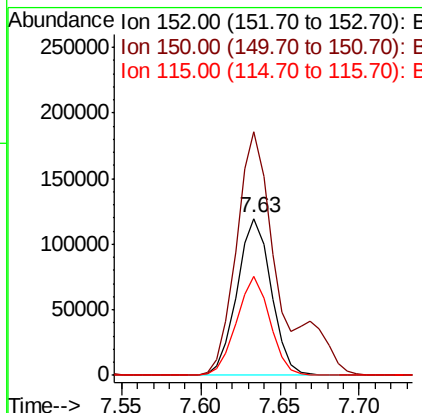
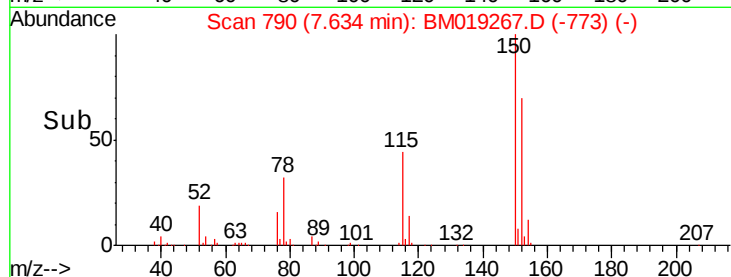
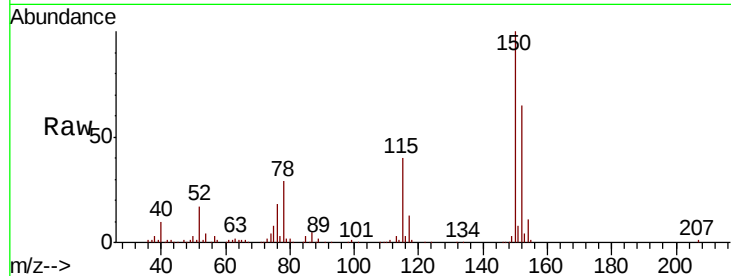


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampled :

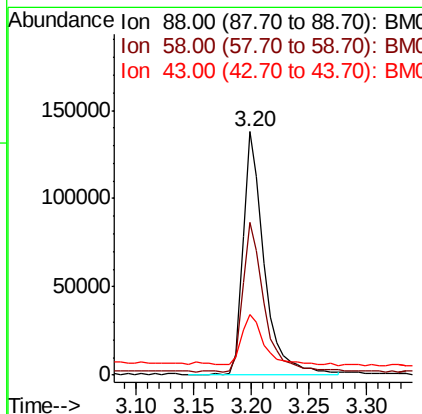
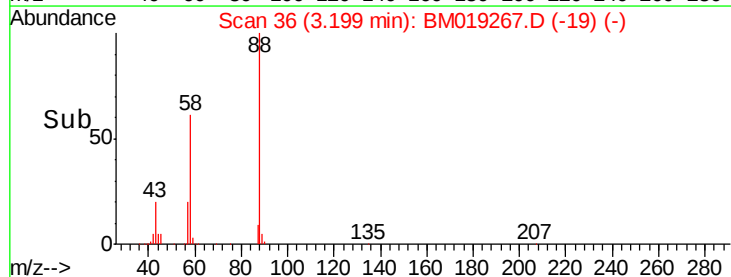
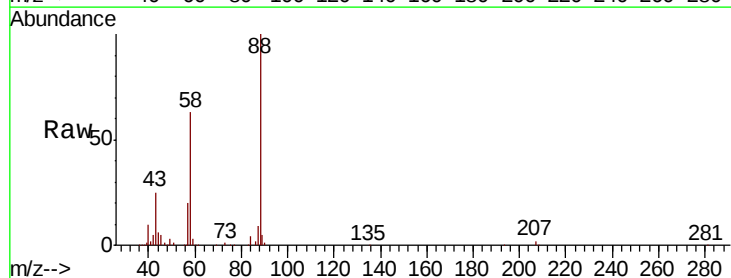
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	62.7	48.9	73.3

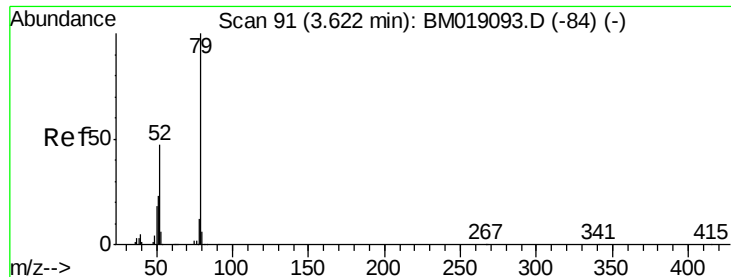


#2

1,4-Dioxane
Concen: 35.079 ng
RT: 3.20 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	49.5	74.3
43	23.7	17.2	25.8





#3

Pvridine

Concen: 37.264 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

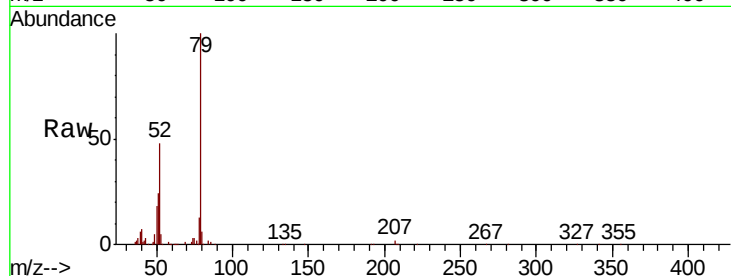
Tot Ion: 79 Resp: 499878

Ion Ratio Lower Upper

79 100

52 48.1 38.1 57.1

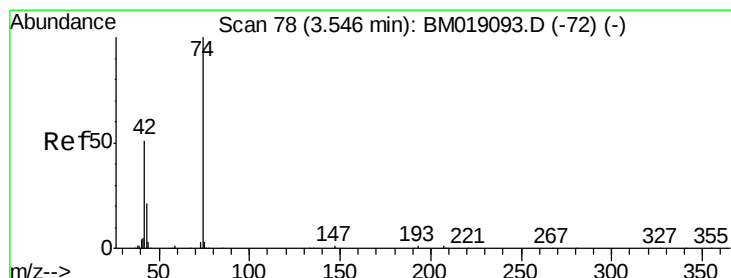
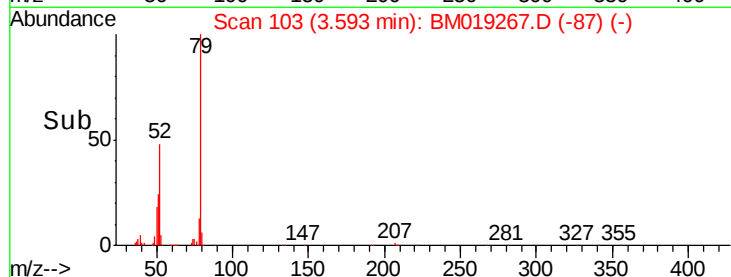
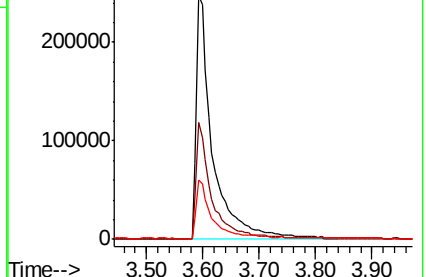
51 24.3 19.0 28.6



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) (-)



#4

n-Nitrosodimethylamine

Concen: 39.442 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

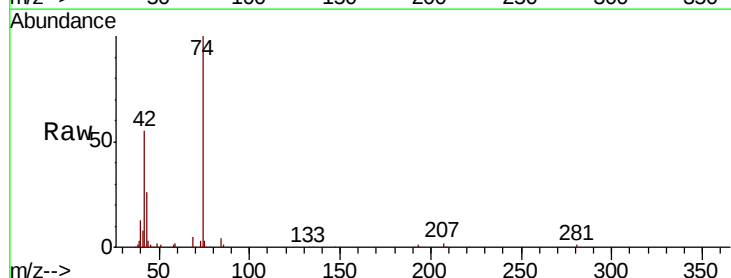
Tgt Ion: 42 Resp: 164488

Ion Ratio Lower Upper

42 100

74 180.4 148.6 222.8

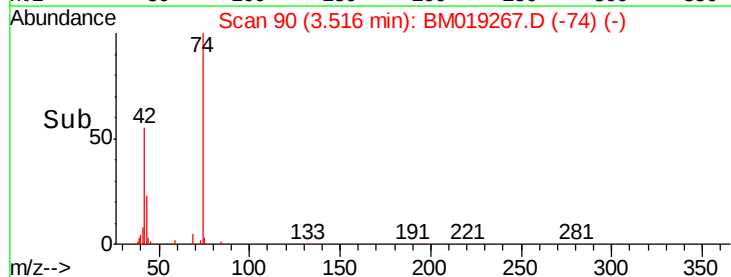
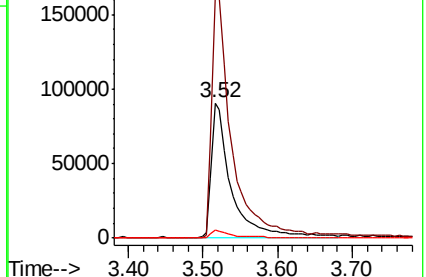
44 5.5 4.6 7.0

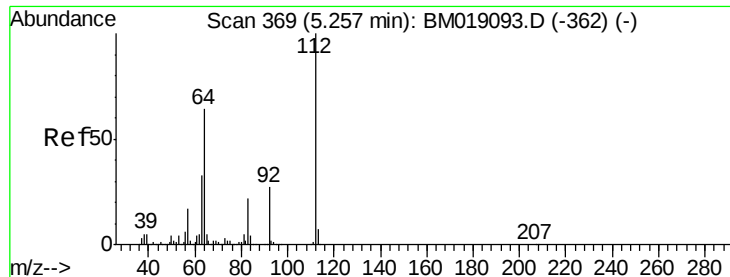


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

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

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





#5

2-Fluorophenol

Concen: 154.218 ng

RT: 5.23 min Scan# 382

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

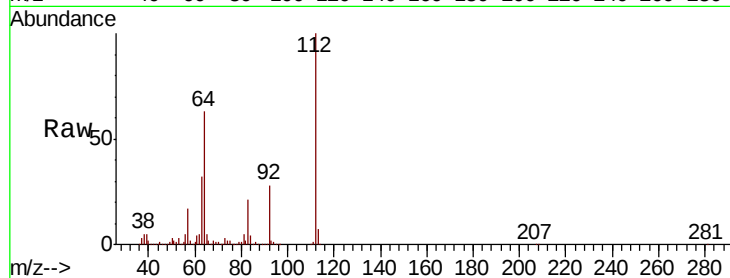
Tot Ion:112 Resp: 1709328

Ion Ratio Lower Upper

112 100

64 62.5 50.6 75.8

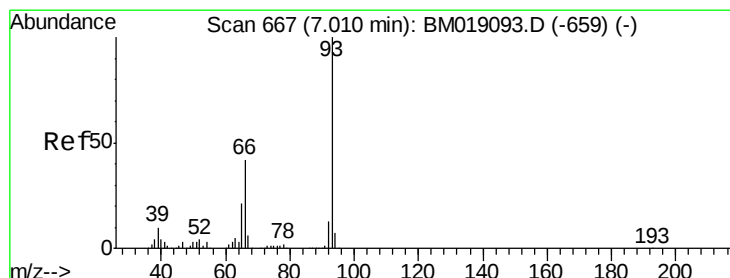
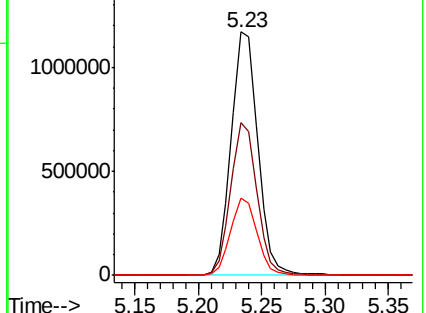
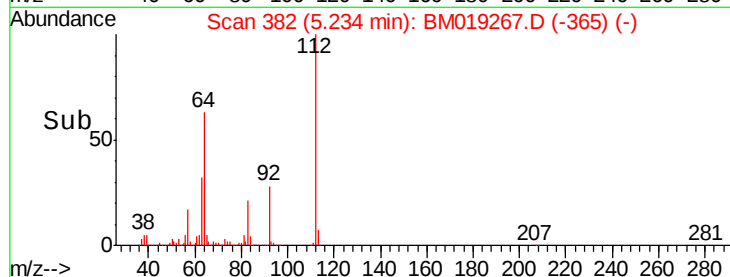
63 31.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 29.765 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

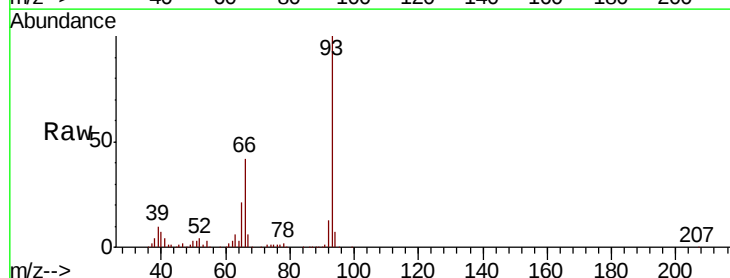
Tgt Ion: 93 Resp: 623030

Ion Ratio Lower Upper

93 100

66 42.0 32.8 49.2

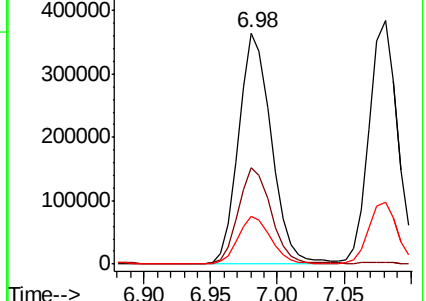
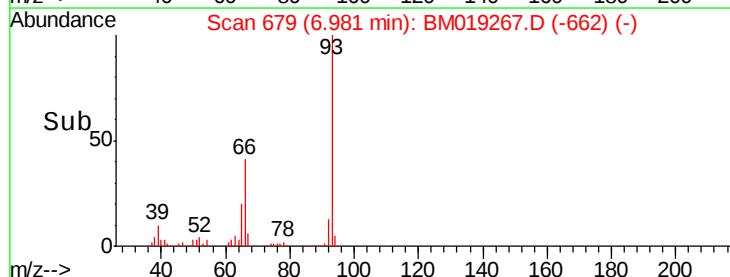
65 20.7 16.2 24.4

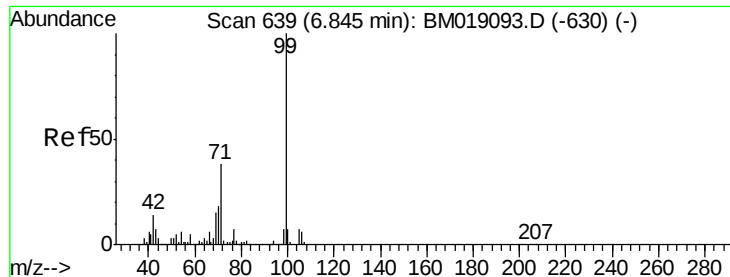


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 156.913 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

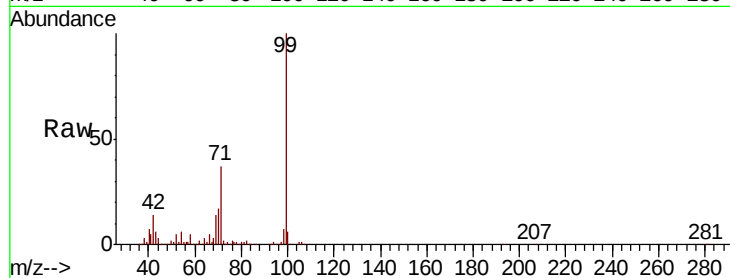
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2543926

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.0	16.6
71	37.0	30.1	45.1

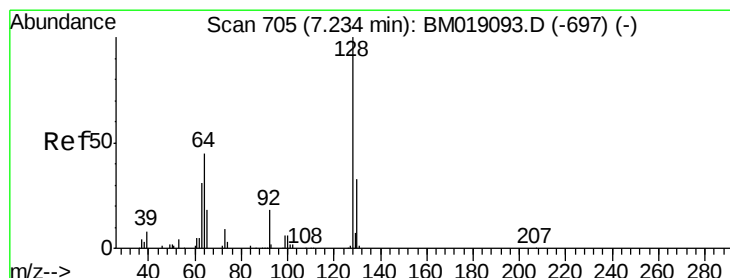
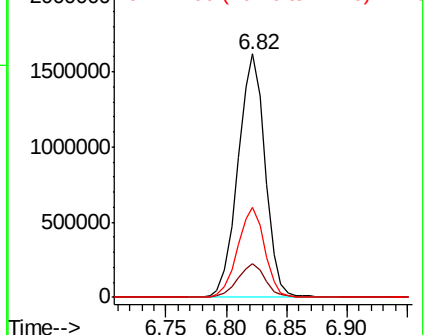
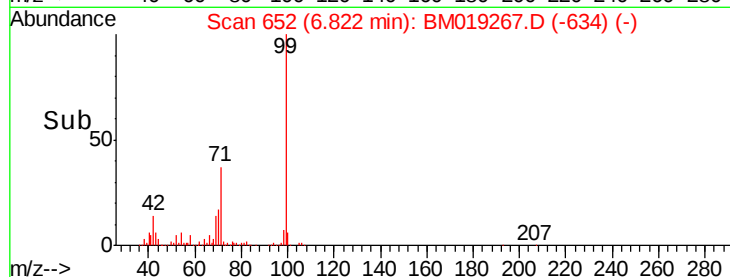


Abundance

Ion 99.00 (98.70 to 99.70): BM019267.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM019267.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM019267.D (-634) (-)



#8

2-Chlorophenol

Concen: 46.757 ng

RT: 7.20 min Scan# 717

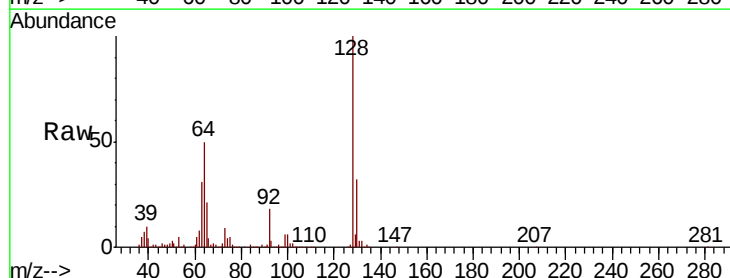
Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion: 128 Resp: 622780

Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.7	51.7
64	50.3	30.6	70.6

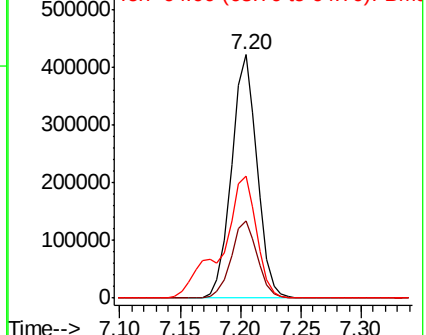
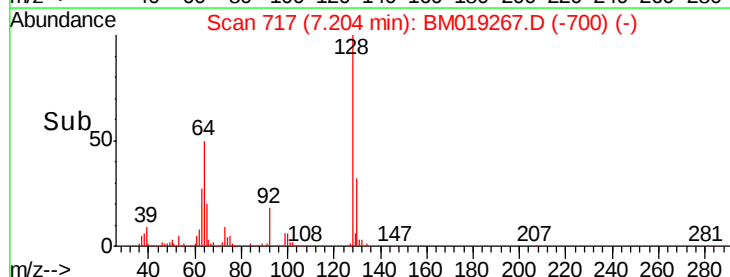


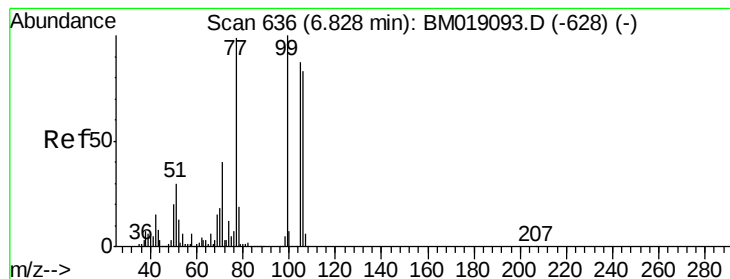
Abundance

Ion 128.00 (127.70 to 128.70): BM019267.D (-700) (-)

Ion 130.00 (129.70 to 130.70): BM019267.D (-700) (-)

Ion 64.00 (63.70 to 64.70): BM019267.D (-700) (-)





#9

Benzaldehyde

Concen: 19.203 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampled :

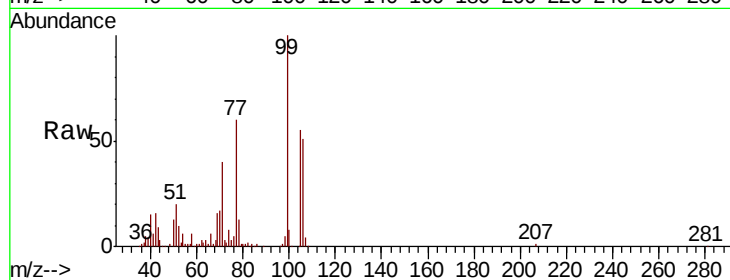
Tot Ion: 77 Resp: 195825

Ion Ratio Lower Upper

77 100

105 92.8 67.6 107.6

106 84.9 63.6 103.6

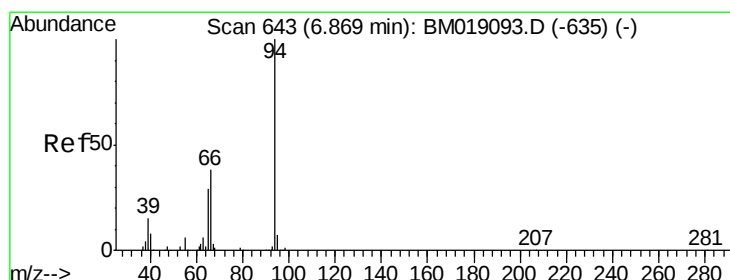
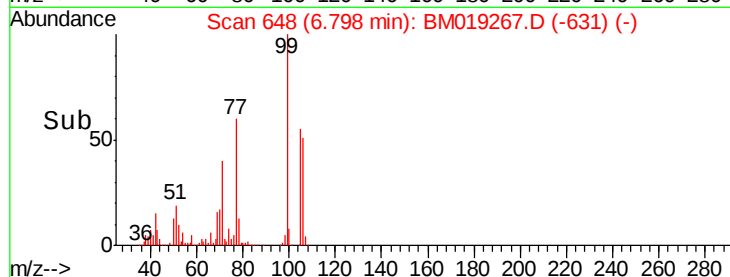
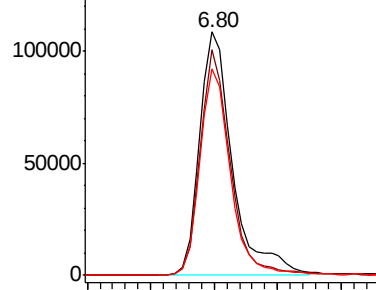


Abundance Ion 77.00 (76.70 to 77.70): BM019267.D (-631) (-)

150000

Ion 105.00 (104.70 to 105.70): BM019267.D (-631) (-)

Ion 106.00 (105.70 to 106.70): BM019267.D (-631) (-)



#10

Phenol

Concen: 51.058 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

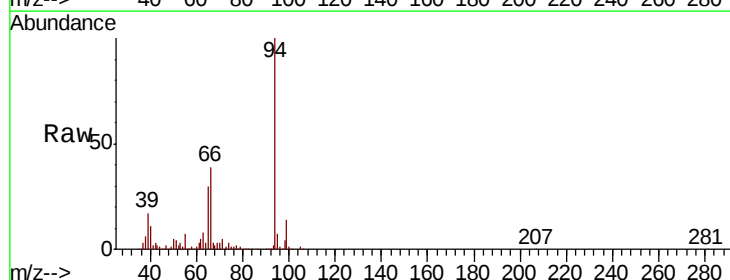
Tgt Ion: 94 Resp: 892099

Ion Ratio Lower Upper

94 100

65 29.7 9.2 49.2

66 39.0 17.7 57.7

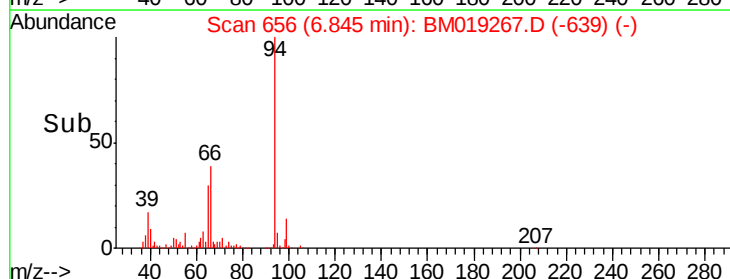
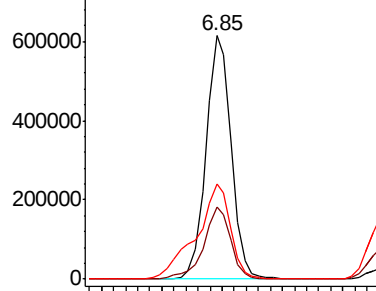


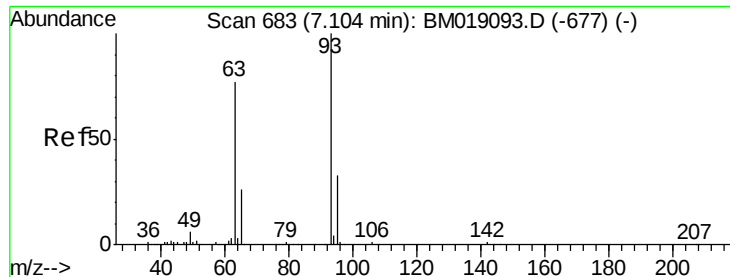
Abundance Ion 94.00 (93.70 to 94.70): BM019267.D (-639) (-)

800000

Ion 65.00 (64.70 to 65.70): BM019267.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM019267.D (-639) (-)

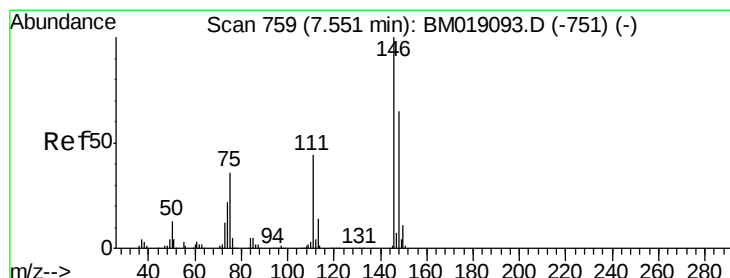
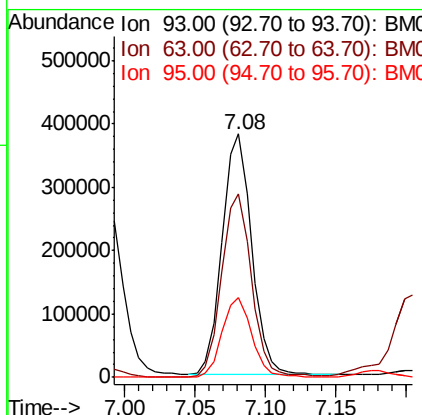
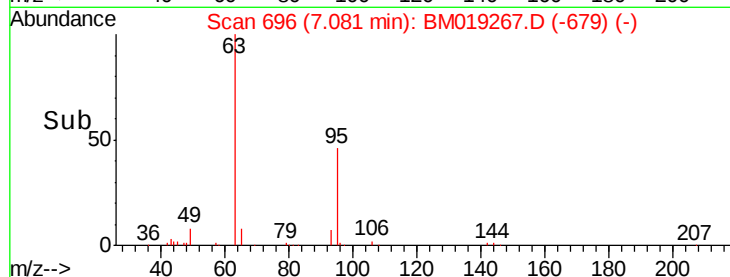
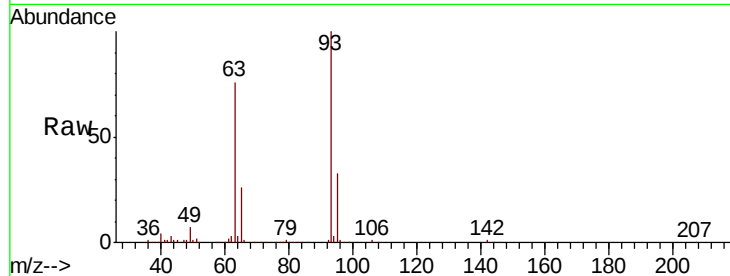




#11
bis(2-Chloroethyl)ether
Concen: 41.577 ng
RT: 7.08 min Scan# 696
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

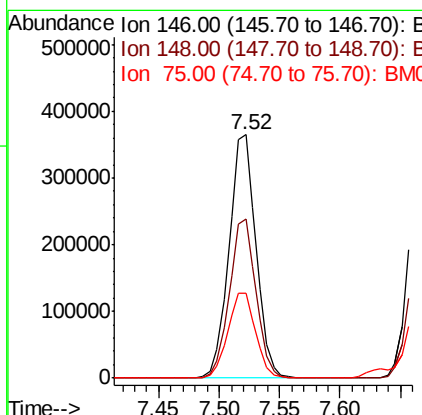
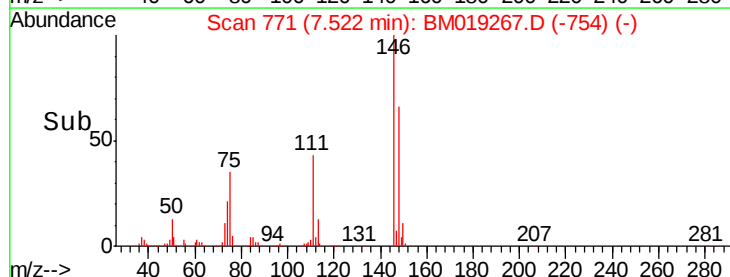
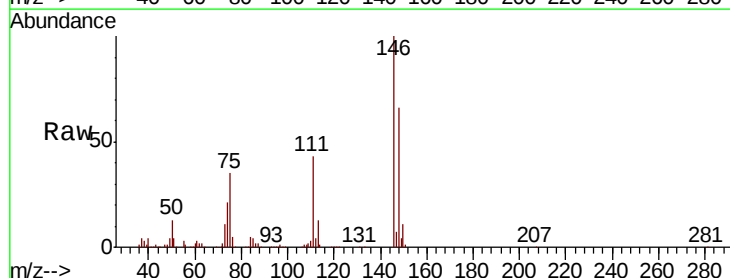
Instrument :
BNA_M
ClientSampled :

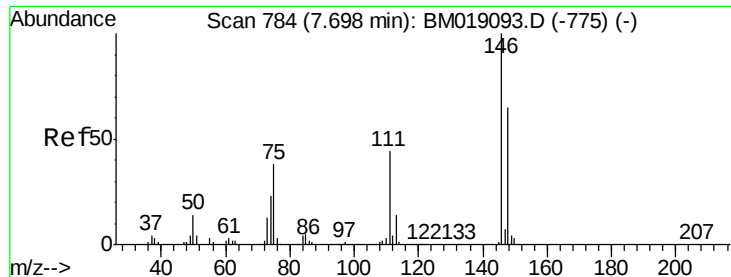
Tot Ion: 93 Resp: 554320
Ion Ratio Lower Upper
93 100
63 75.6 54.6 94.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.145 ng
RT: 7.52 min Scan# 771
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion: 146 Resp: 565864
Ion Ratio Lower Upper
146 100
148 65.5 51.2 76.8
75 34.8 28.6 42.8

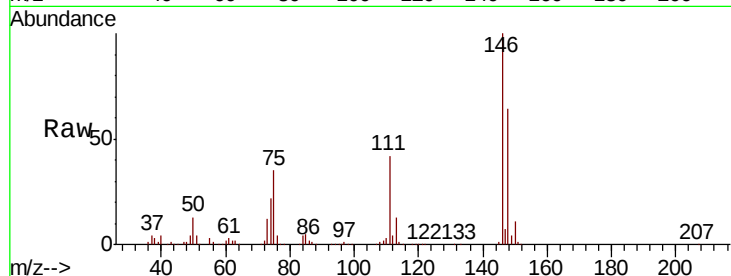




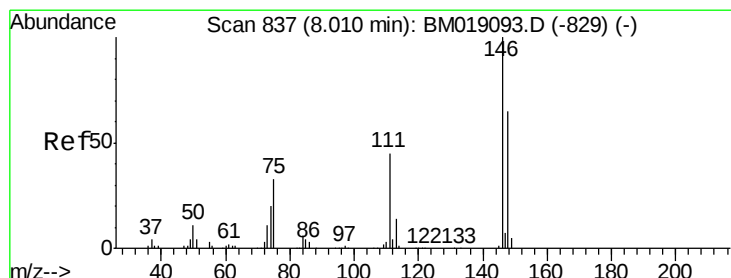
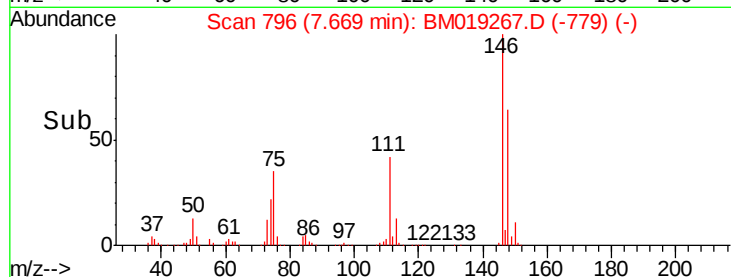
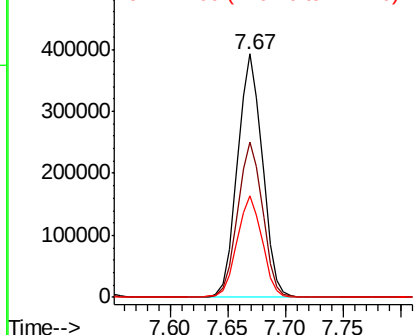
#13
 1,4-Dichlorobenzene
 Concen: 40.865 ng
 RT: 7.67 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 587250
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.4
 111 41.7 34.4 51.6

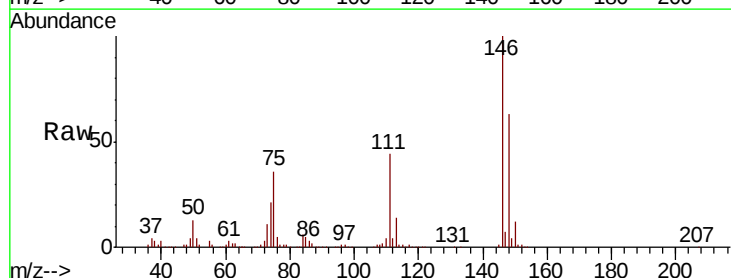


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

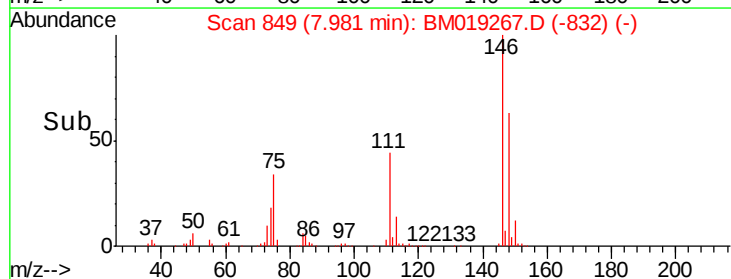
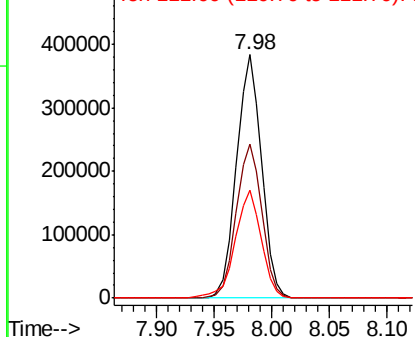


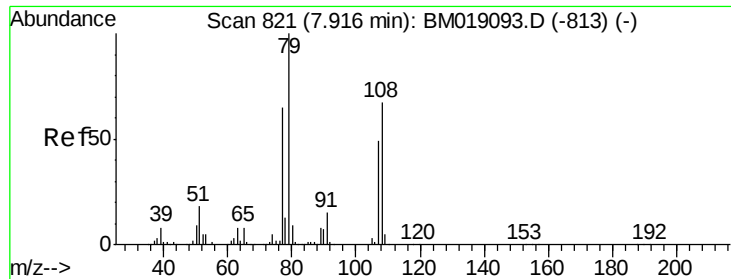
#14
 1,2-Dichlorobenzene
 Concen: 41.113 ng
 RT: 7.98 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion:146 Resp: 574816
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.5 77.3
 111 44.2 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

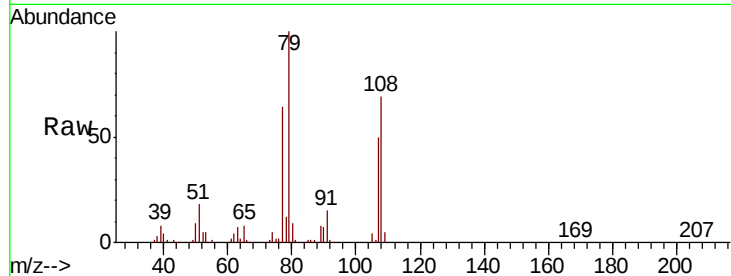




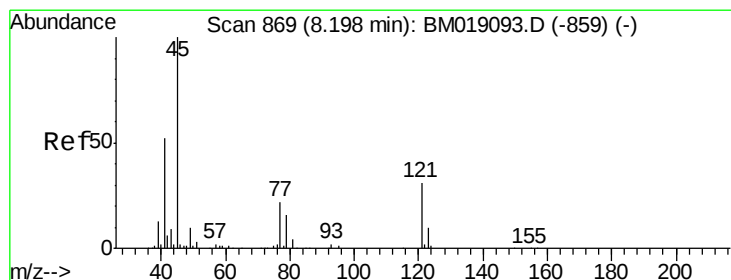
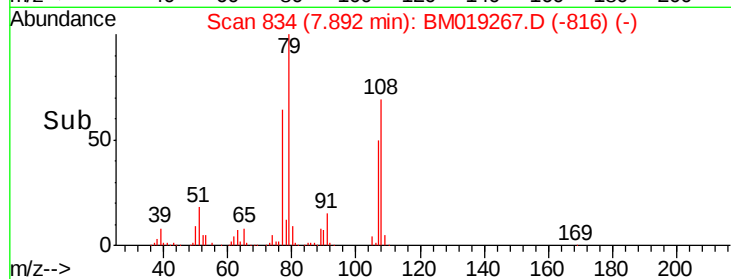
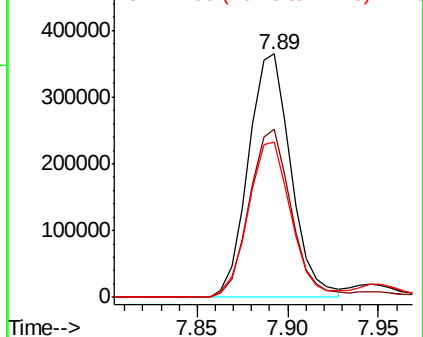
#15
Benzyl Alcohol
Concen: 44.398 ng
RT: 7.89 min Scan# 834
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampled :

Tot Ion: 79 Resp: 595726
Ion Ratio Lower Upper
79 100
108 68.9 53.4 80.2
77 63.7 51.1 76.7

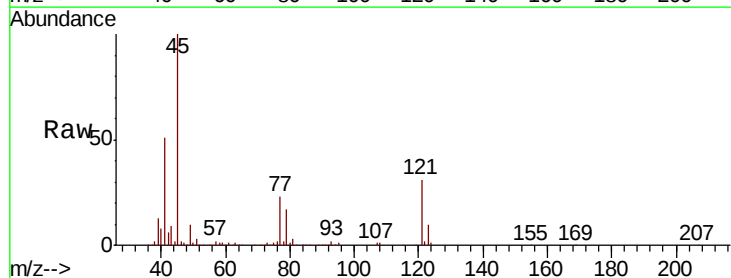


Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)
Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)
Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)

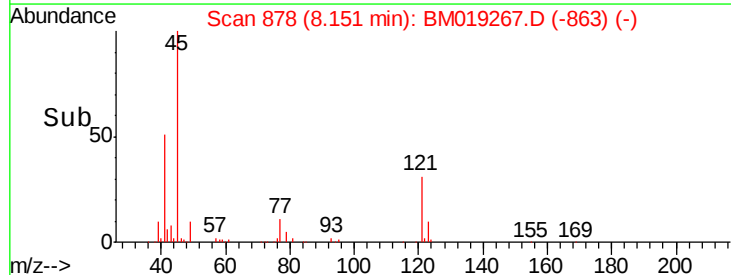
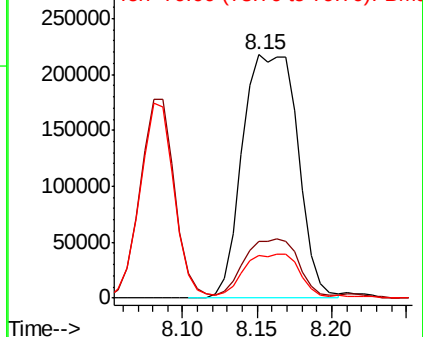


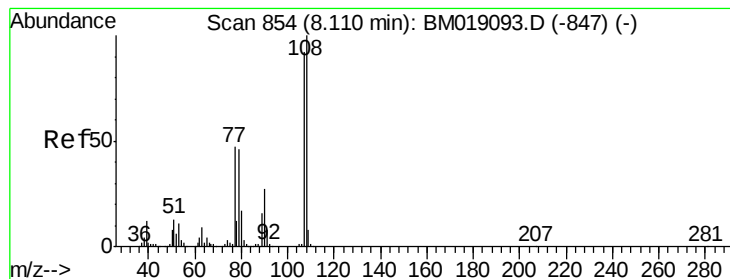
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.885 ng
RT: 8.15 min Scan# 878
Delta R.T. -0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion: 45 Resp: 556586
Ion Ratio Lower Upper
45 100
77 23.2 3.0 43.0
79 17.3 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) (-)

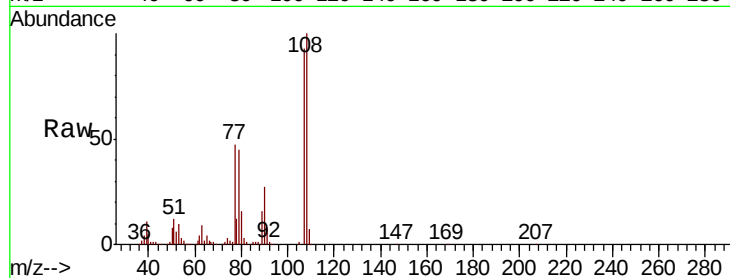




#17
2-Methylphenol
Concen: 48.391 ng
RT: 8.09 min Scan# 867
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:	107	Resp:	550964
Ion	Ratio	Lower	Upper
107	100		
108	107.5	88.0	132.0
77	50.4	42.1	63.1
79	48.5	41.1	61.7



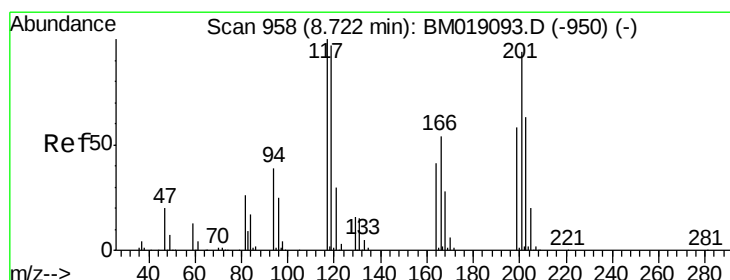
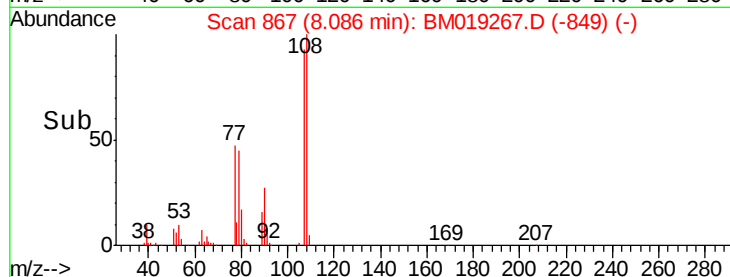
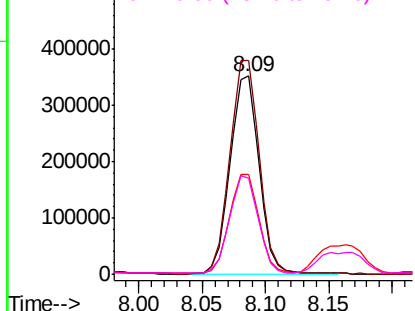
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

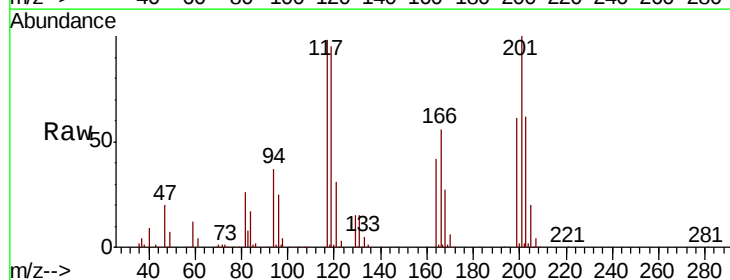
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 38.934 ng
RT: 8.69 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:	117	Resp:	207904
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.2	114.2
201	102.1	80.8	121.2

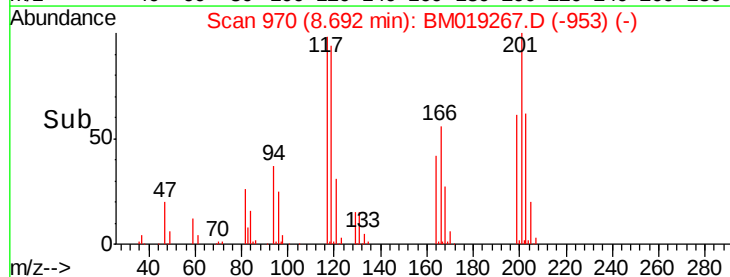
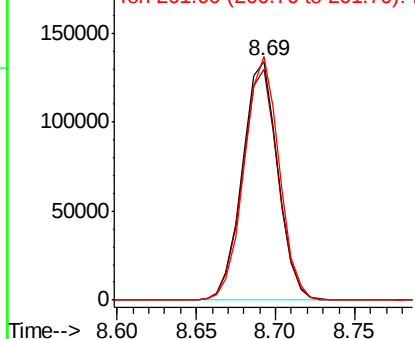


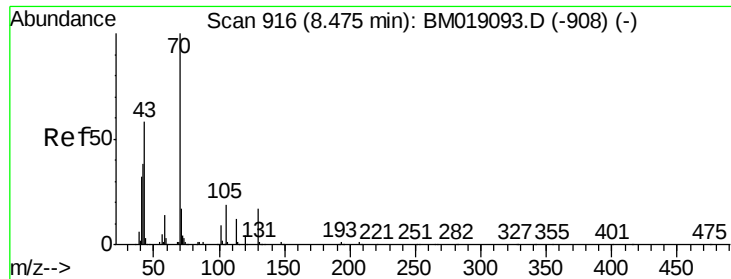
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

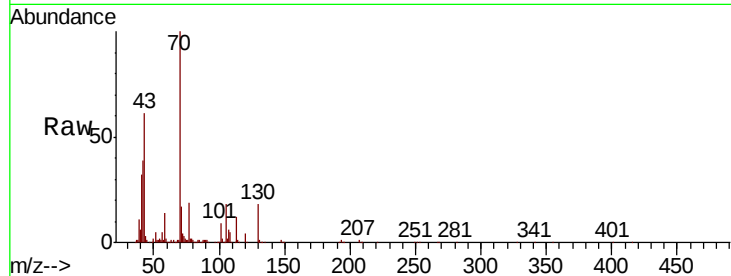




#19
n-Nitroso-di-n-propylamine
Concen: 41.530 ng
RT: 8.45 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:	70	Resp:	552379
Ion	Ratio	Lower	Upper
70	100		
42	38.6	30.0	45.0
101	8.6	7.0	10.6
130	18.2	14.5	21.7



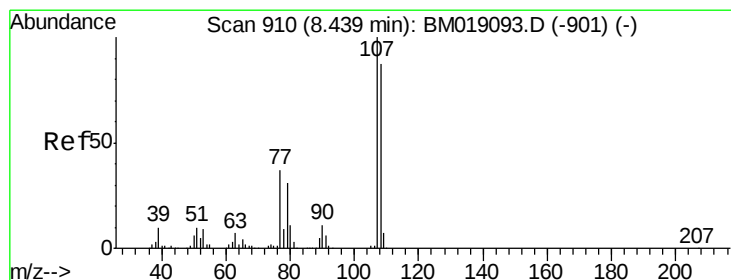
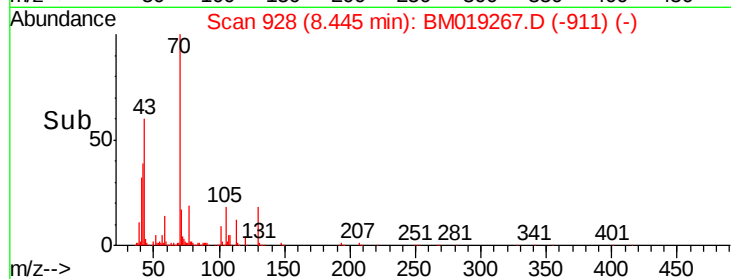
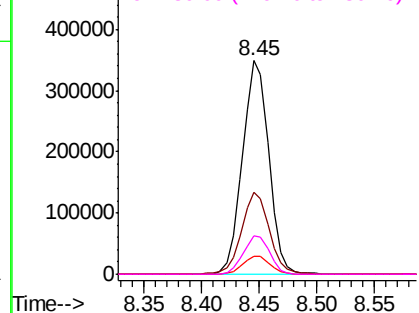
Abundance

Ion 70.00 (69.70 to 70.70): BM019093.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-908) (-)

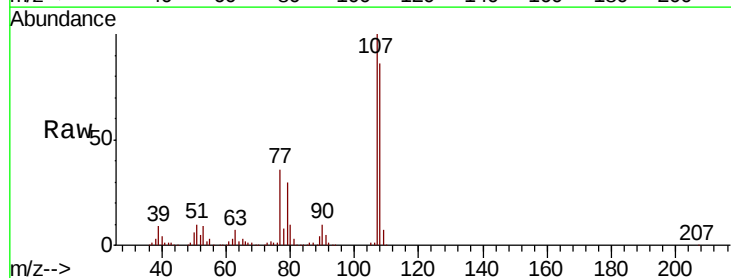
Ion 101.00 (100.70 to 101.70): BM019093.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-908) (-)



#20
3+4-Methylphenols
Concen: 49.203 ng
RT: 8.41 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:	107	Resp:	760425
Ion	Ratio	Lower	Upper
107	100		
108	85.8	67.0	107.0
77	36.1	16.8	56.8
79	30.2	11.2	51.2



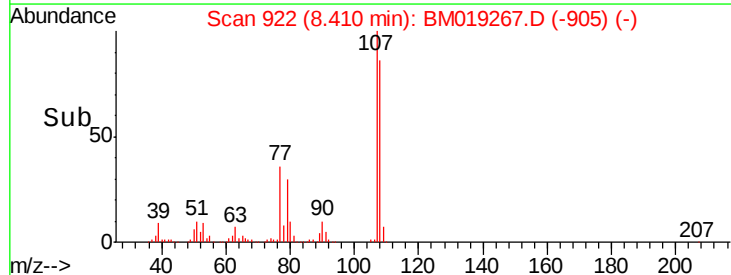
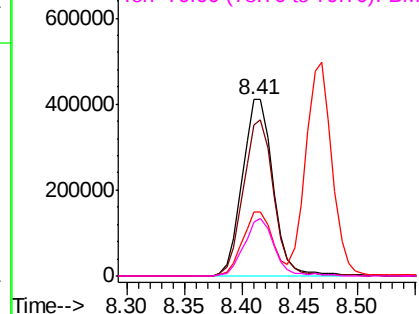
Abundance

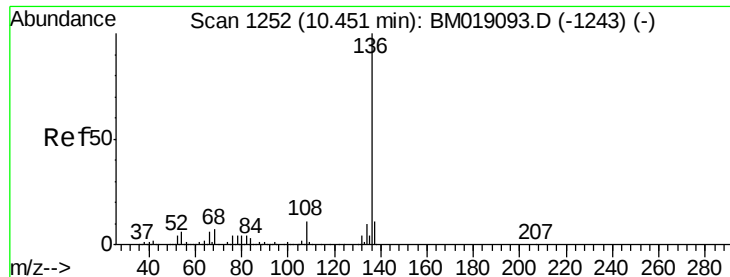
Ion 107.00 (106.70 to 107.70): BM019093.D (-901) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-901) (-)

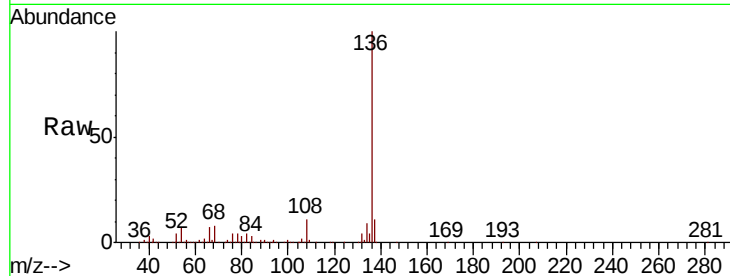




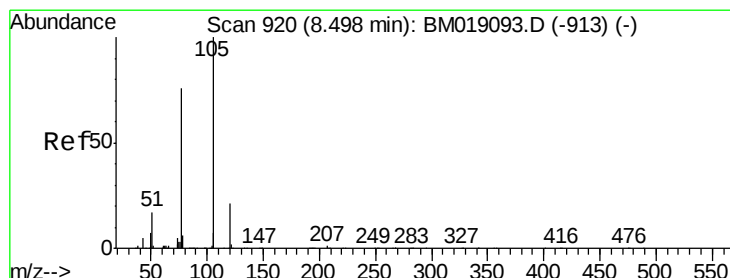
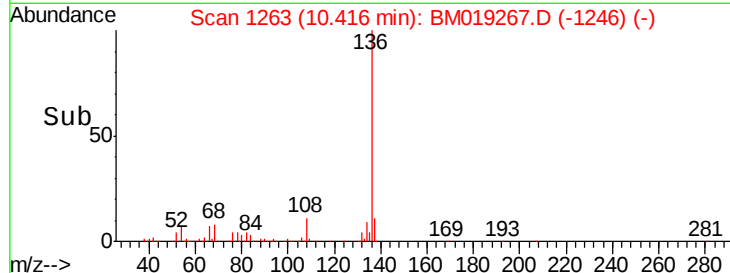
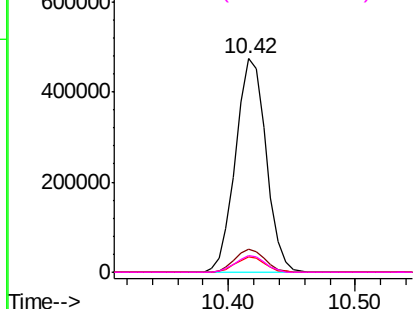
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	787316
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 12.8
54	7.0	5.5 8.3
68	7.6	6.0 9.0

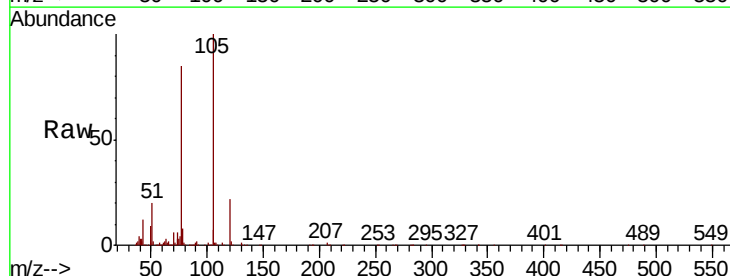


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

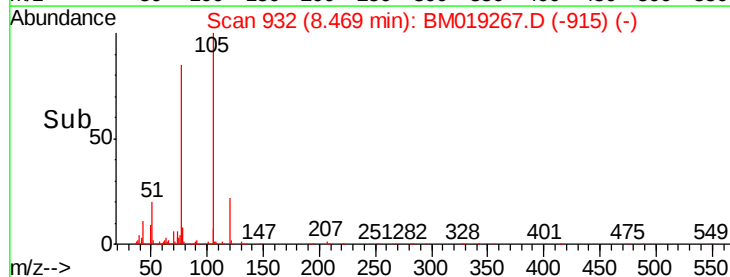
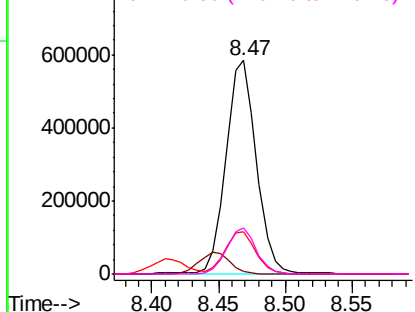


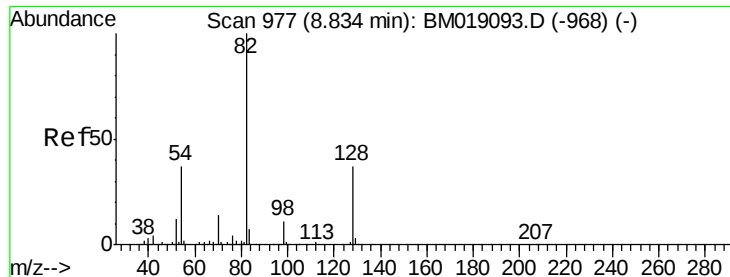
#22
Acetophenone
Concen: 42.419 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:105	Resp:	922955
Ion	Ratio	Lower Upper
105	100	
71	1.1	0.9 1.3
51	19.7	15.9 23.9
120	21.7	16.7 25.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

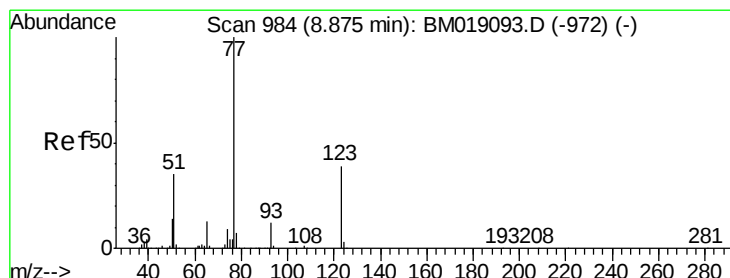
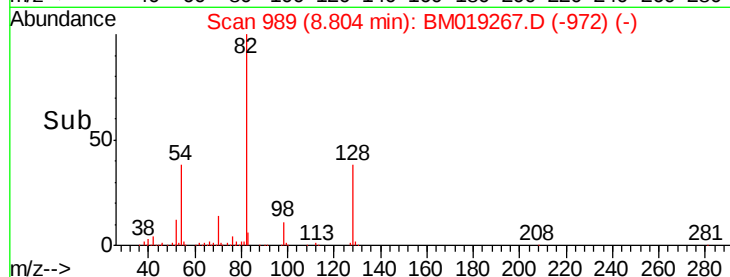
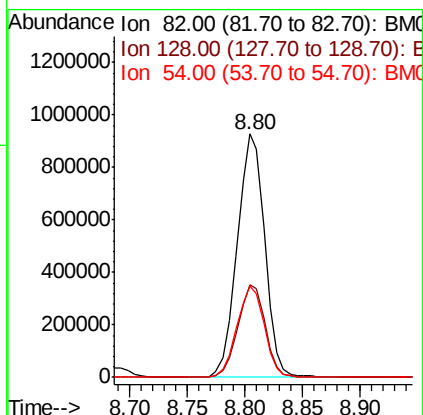
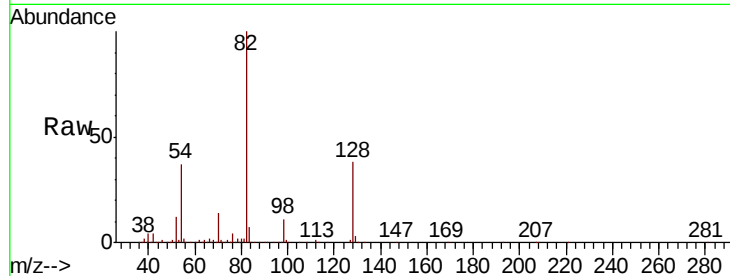




#23
 Nitrobenzene-d5
 Concen: 91.777 ng
 RT: 8.80 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

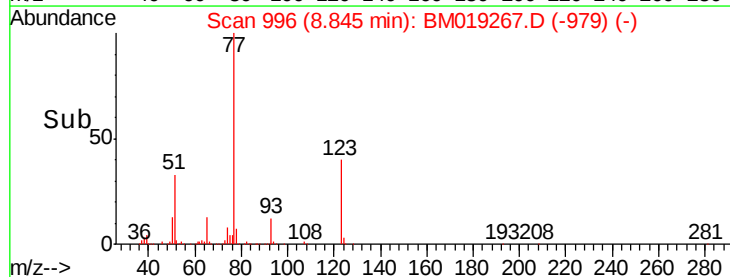
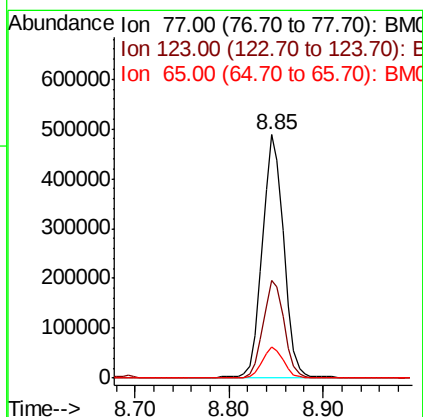
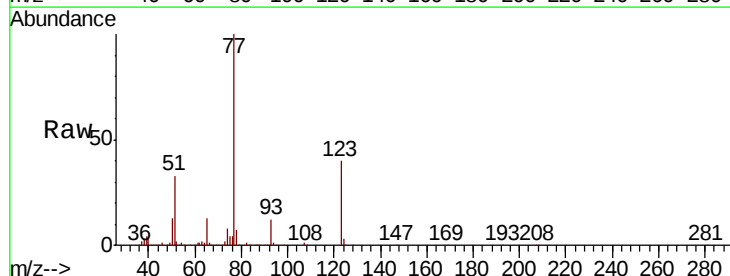
Instrument :
 BNA_M
 ClientSampleId :

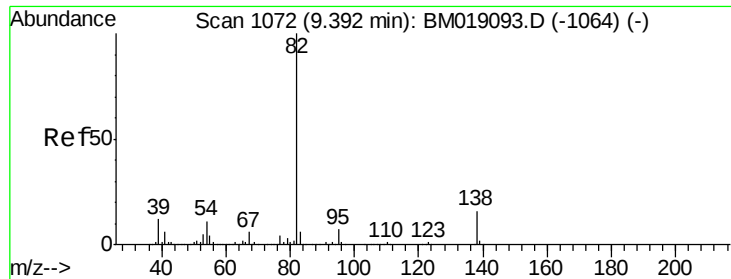
Tot Ion: 82 Resp: 1528611
 Ion Ratio Lower Upper
 82 100
 128 37.9 30.2 45.4
 54 37.4 30.2 45.2



#24
 Nitrobenzene
 Concen: 44.373 ng
 RT: 8.85 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion: 77 Resp: 768630
 Ion Ratio Lower Upper
 77 100
 123 39.9 31.4 47.0
 65 12.9 10.2 15.4

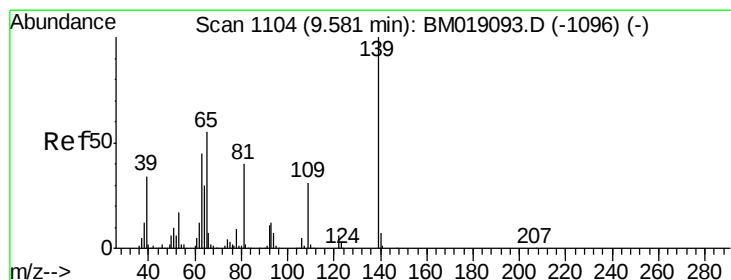
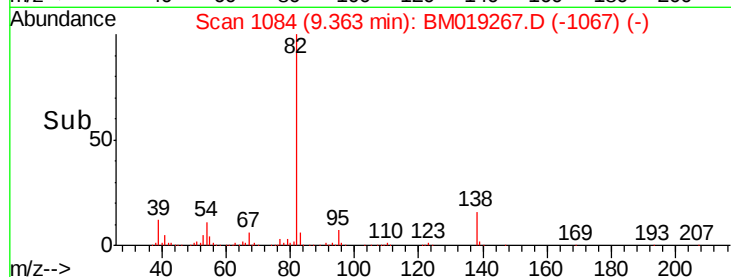
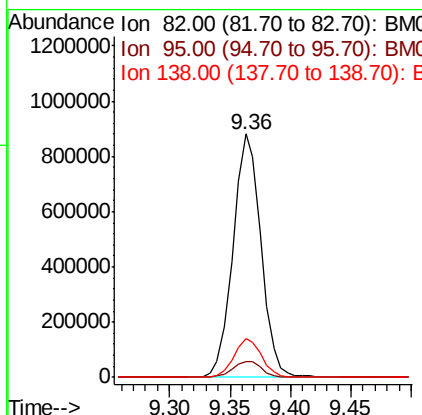
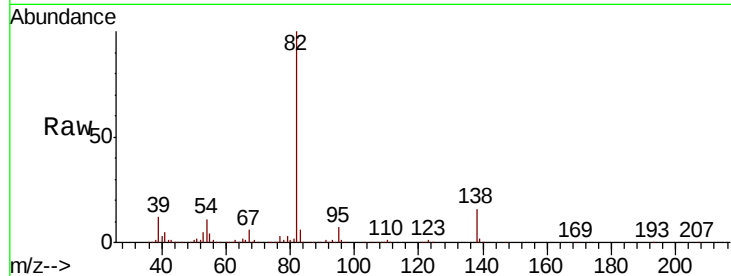




#25
Isophorone
Concen: 44.827 ng
RT: 9.36 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

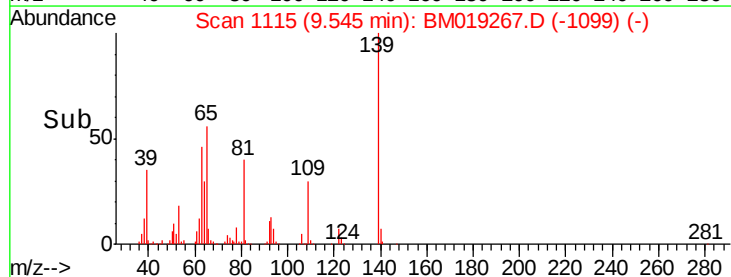
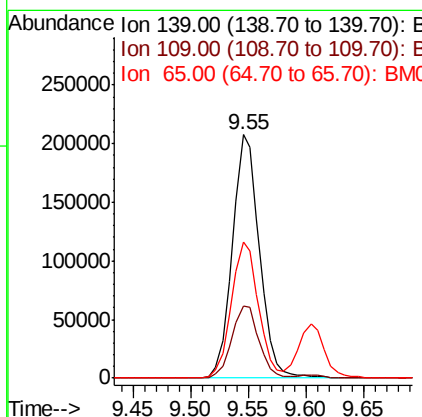
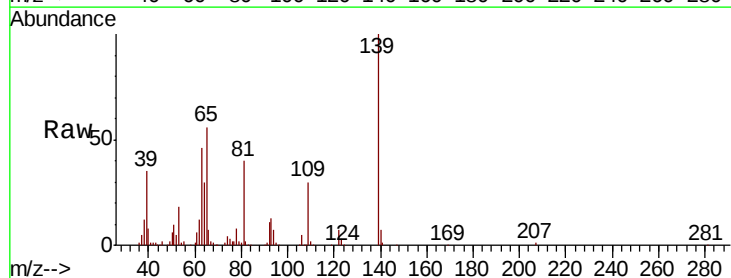
Instrument :
BNA_M
ClientSampled :

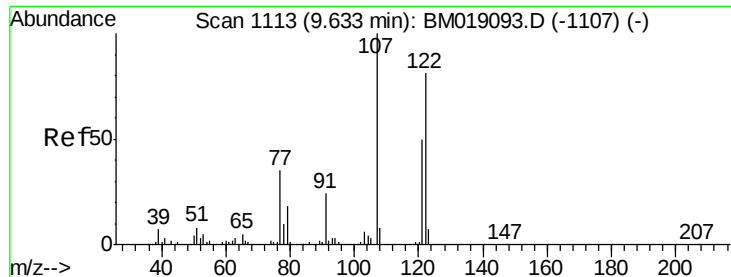
Tot Ion: 82 Resp: 1424677
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 15.7 12.2 18.4



#26
2-Nitrophenol
Concen: 46.818 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion: 139 Resp: 336160
Ion Ratio Lower Upper
139 100
109 29.8 23.8 35.8
65 55.9 43.3 64.9

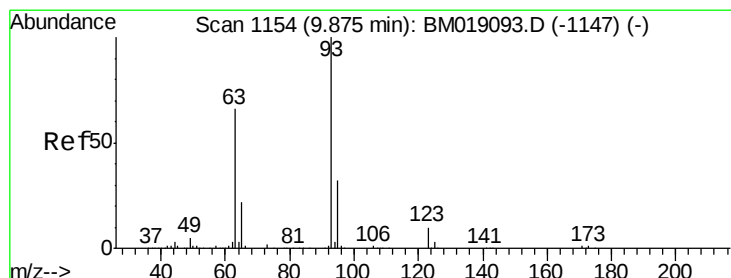
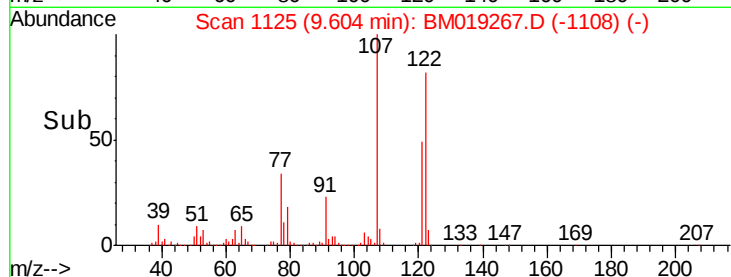
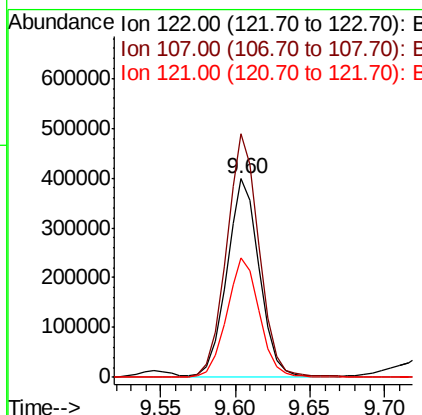
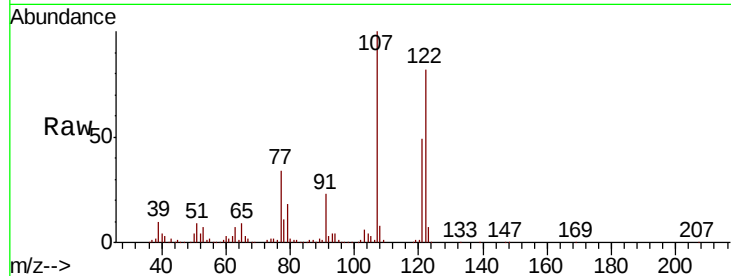




#27
2,4-Dimethylphenol
Concen: 56.611 ng
RT: 9.60 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

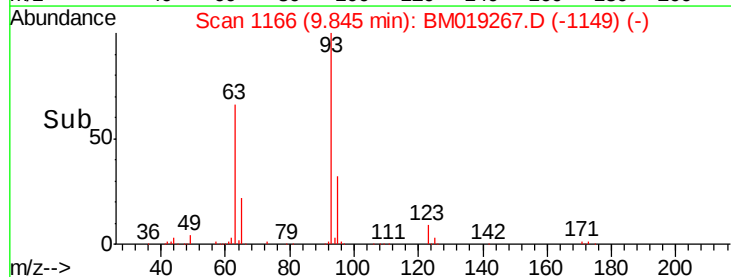
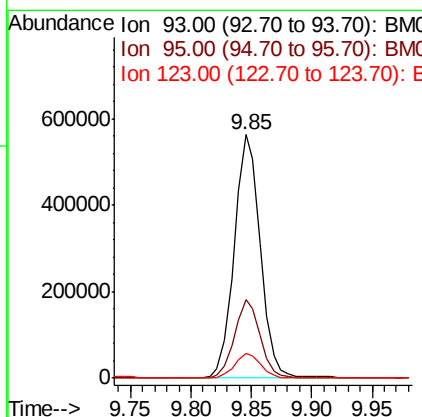
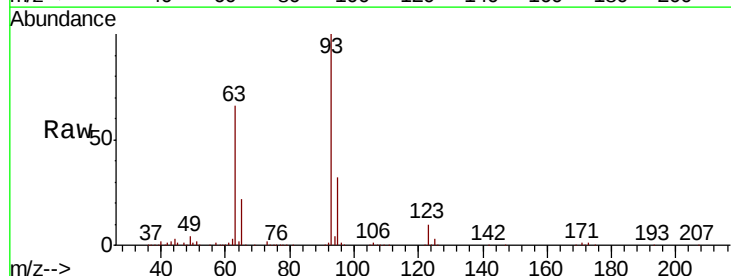
Instrument :
BNA_M
ClientSampleId :

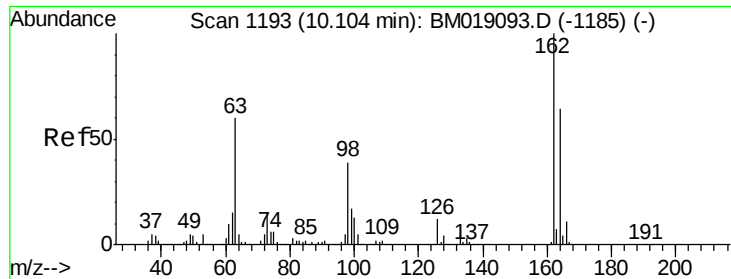
Tot Ion:122 Resp: 604286
Ion Ratio Lower Upper
122 100
107 122.5 96.4 144.6
121 59.9 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.185 ng
RT: 9.85 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion: 93 Resp: 850320
Ion Ratio Lower Upper
93 100
95 32.1 24.7 37.1
123 10.2 8.6 12.8

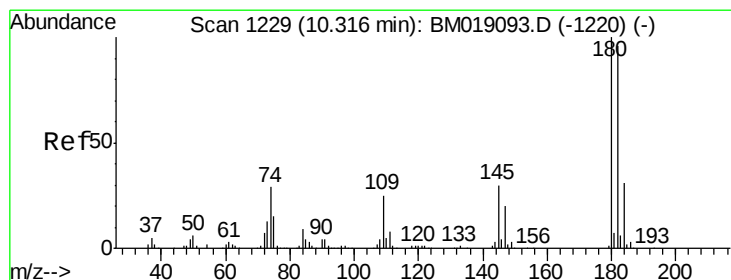
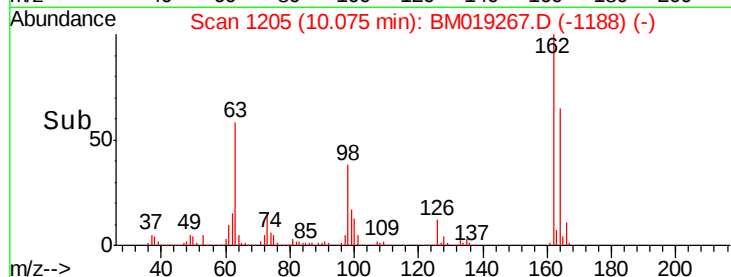
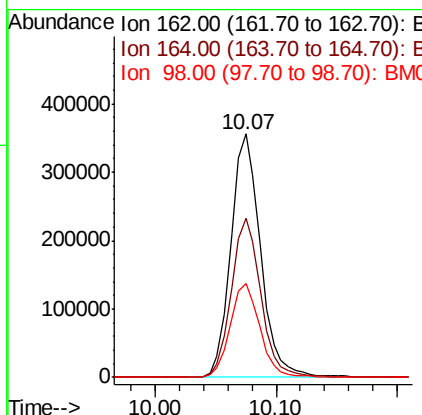
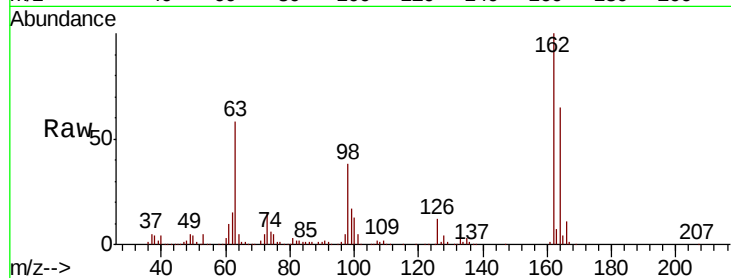




#29
 2,4-Dichlorophenol
 Concen: 51.657 ng
 RT: 10.07 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

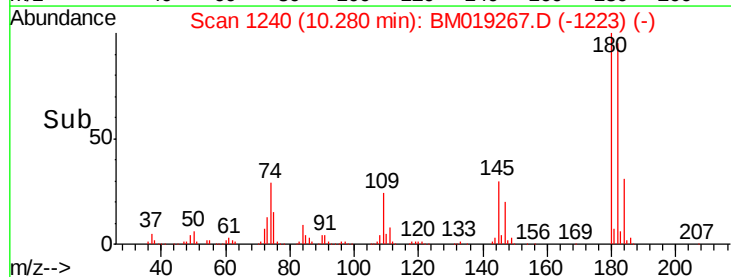
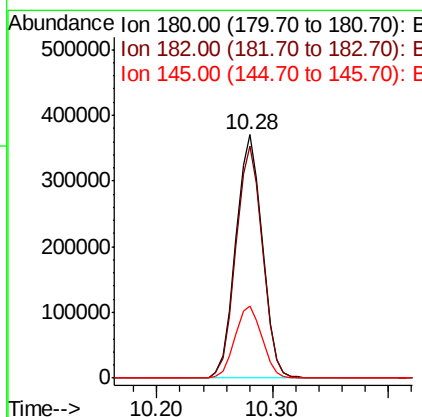
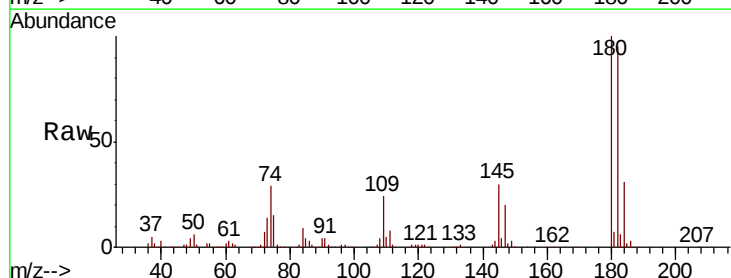
Instrument :
 BNA_M
 ClientSampled :

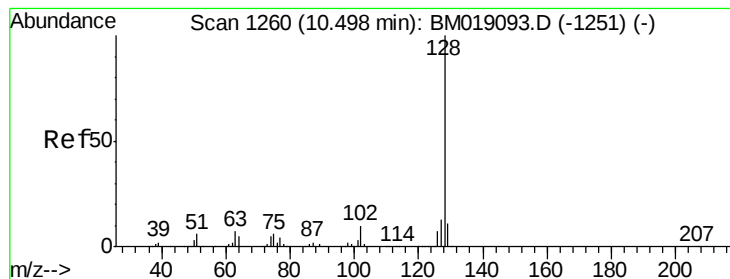
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.6	85.6
98	38.5	18.0	58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.089 ng
 RT: 10.28 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.9	116.9
145	29.7	24.7	37.1

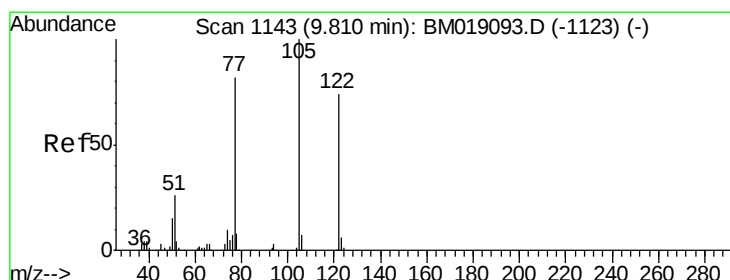
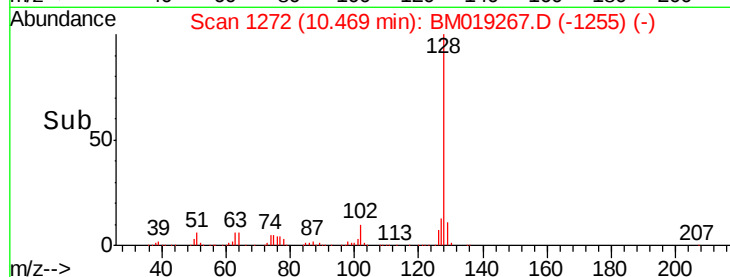
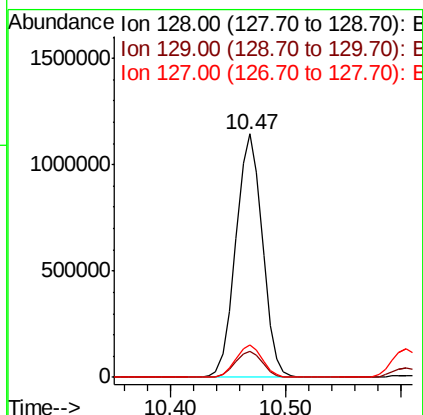
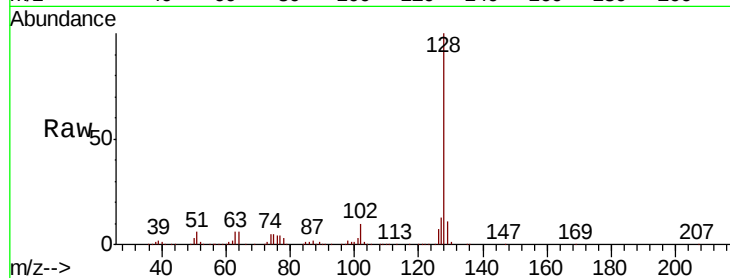




#31
Naphthalene
Concen: 43.960 ng
RT: 10.47 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

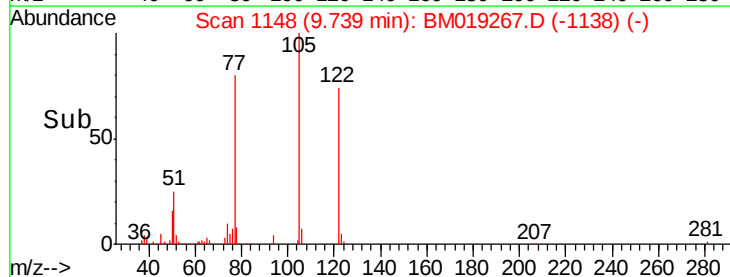
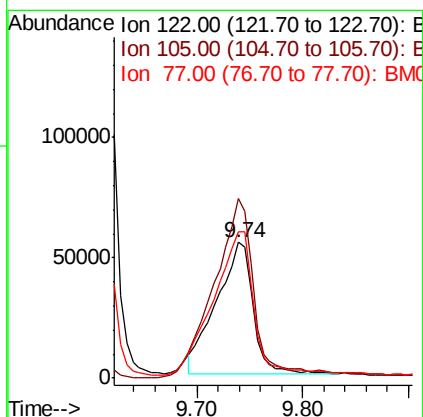
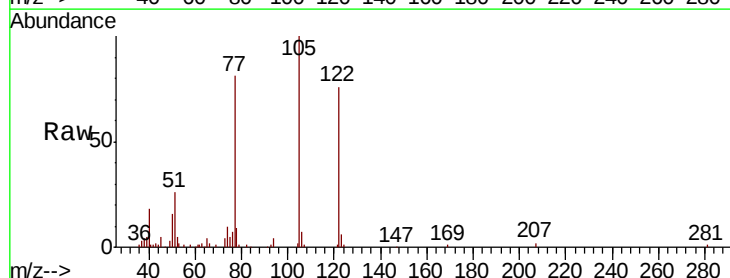
Instrument :
BNA_M
ClientSampleId :

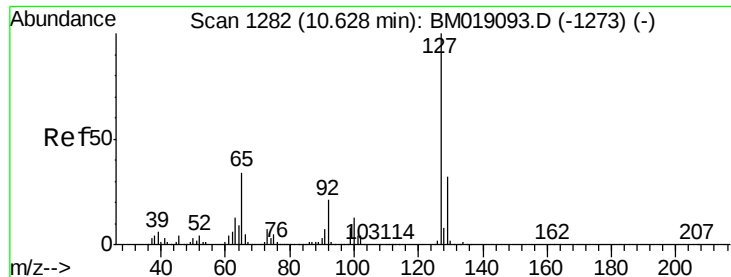
Tot Ion:128 Resp: 1824217
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 14.680 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.04 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:122 Resp: 132715
Ion Ratio Lower Upper
122 100
105 131.9 115.6 155.6
77 107.5 93.8 133.8

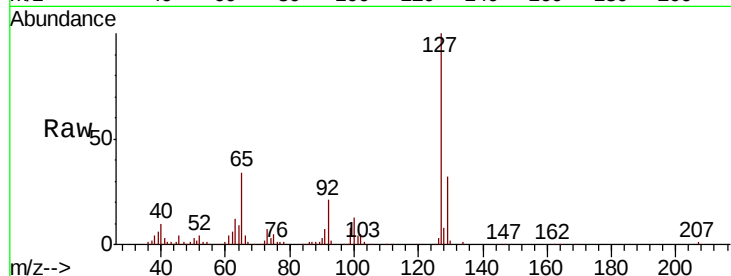




#33
4-Chloroaniline
Concen: 15.520 ng
RT: 10.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	264005
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	33.8	27.5	41.3
92	21.4	17.0	25.4



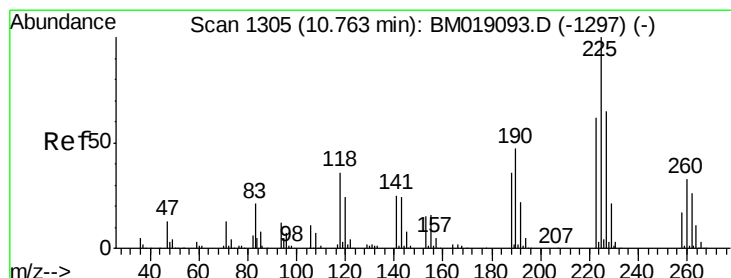
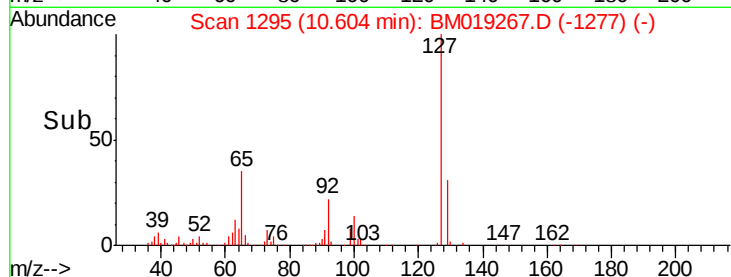
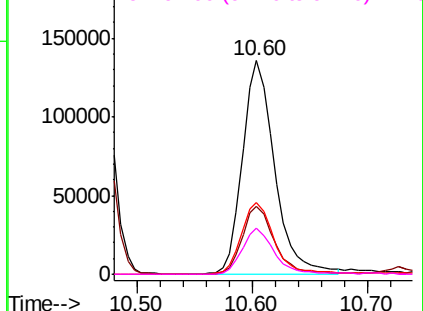
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

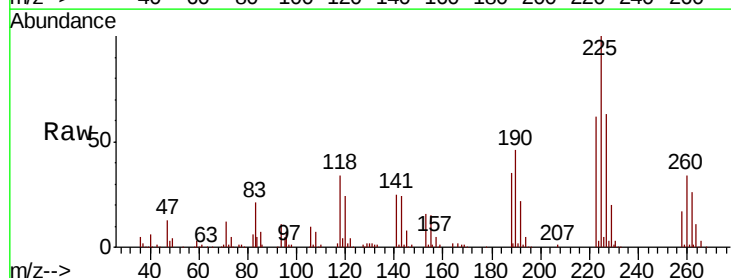
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 40.846 ng
RT: 10.73 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:	225	Resp:	312472
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.4
227	63.3	51.0	76.6

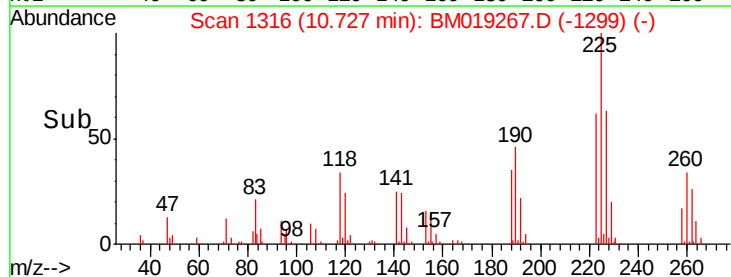
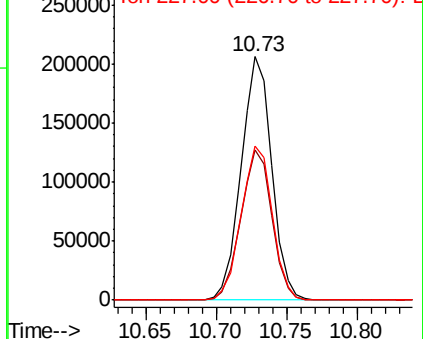


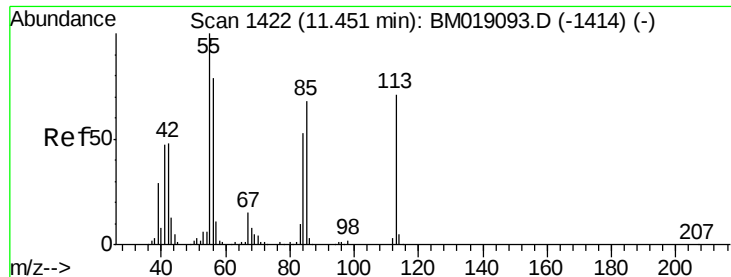
Abundance

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: 22.121 ng

RT: 11.43 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampled :

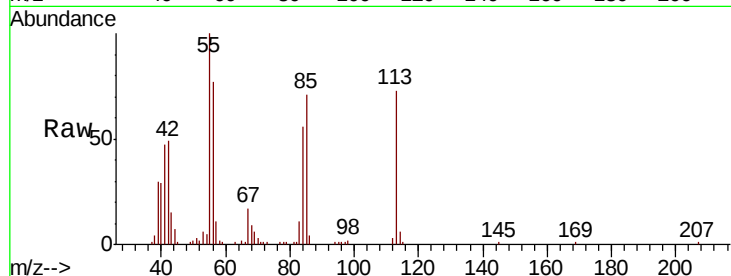
Tot Ion:113 Resp: 93158

Ion Ratio Lower Upper

113 100

55 137.4 120.1 160.1

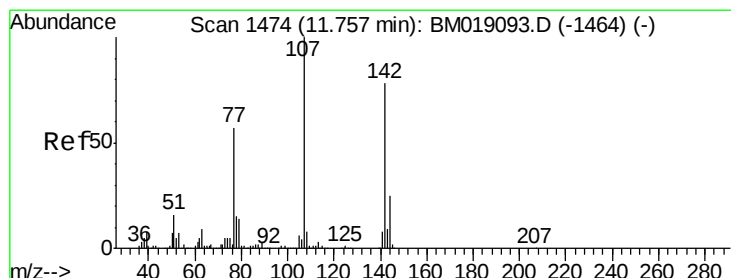
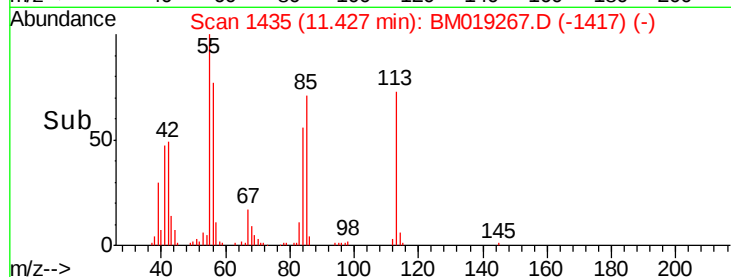
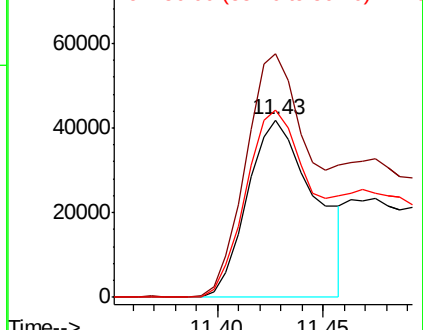
56 106.0 91.6 131.6



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: 48.530 ng

RT: 11.73 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

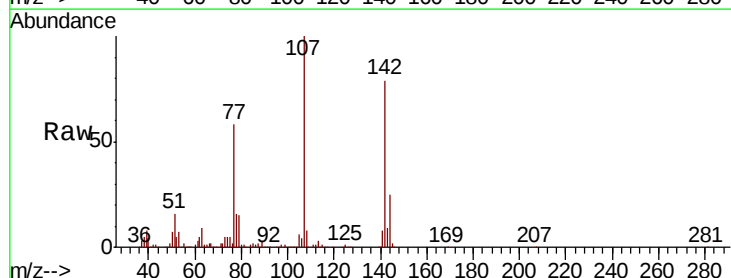
Tgt Ion:107 Resp: 707910

Ion Ratio Lower Upper

107 100

144 25.4 20.1 30.1

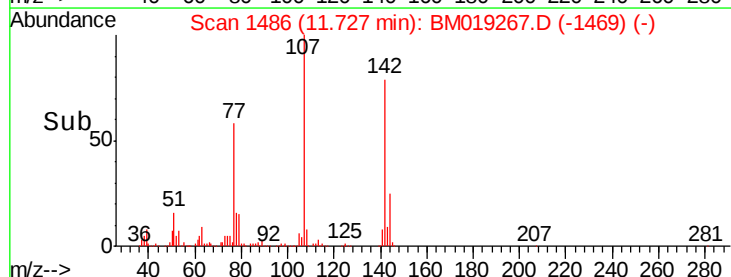
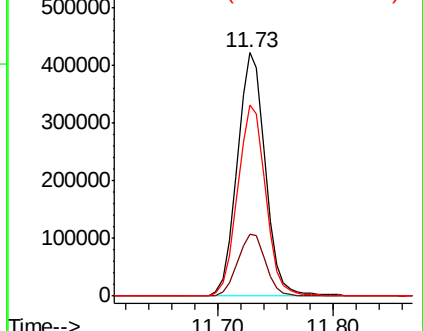
142 78.7 62.1 93.1

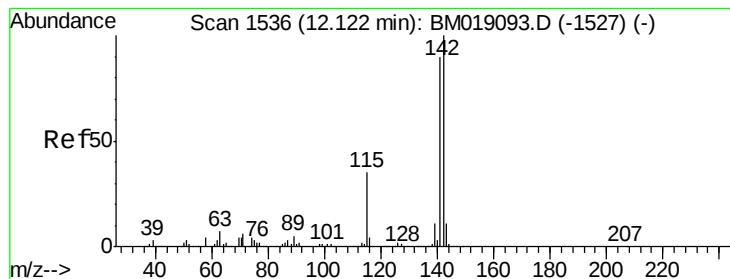


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.630 ng

RT: 12.09 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

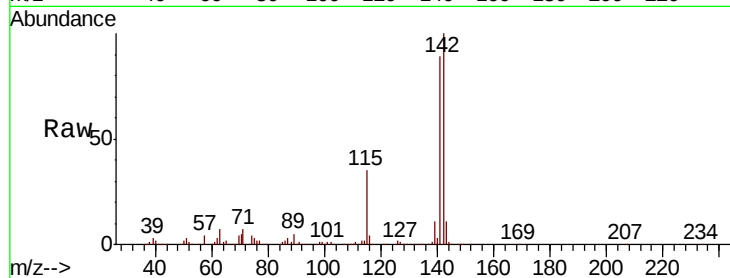
Tot Ion:142 Resp: 1375984

Ion Ratio Lower Upper

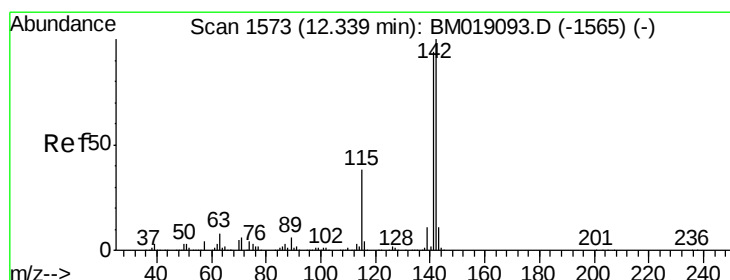
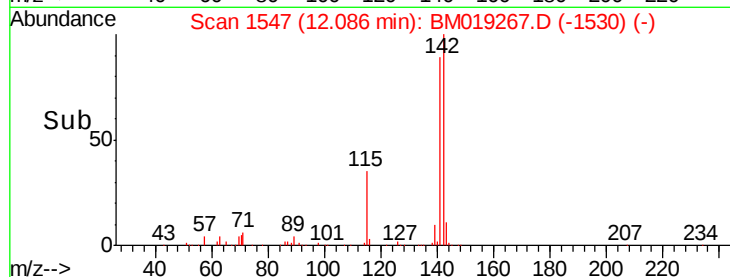
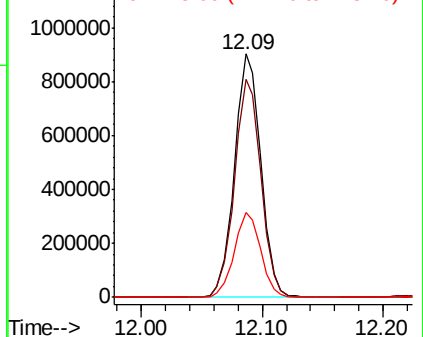
142 100

141 89.4 71.9 107.9

115 35.0 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: 44.227 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

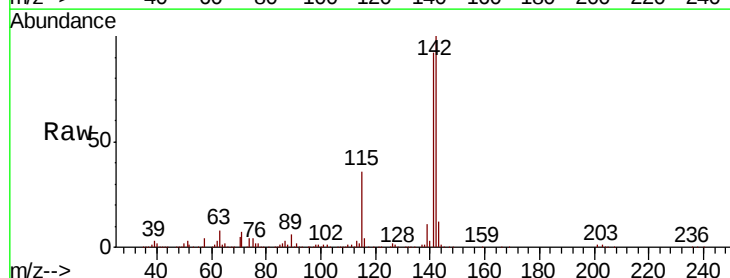
Tgt Ion:142 Resp: 1314545

Ion Ratio Lower Upper

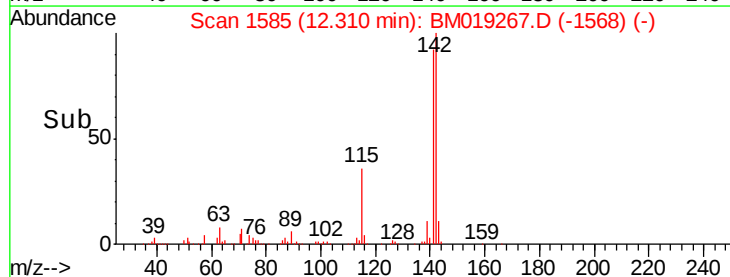
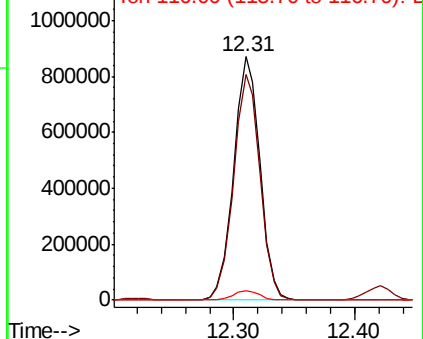
142 100

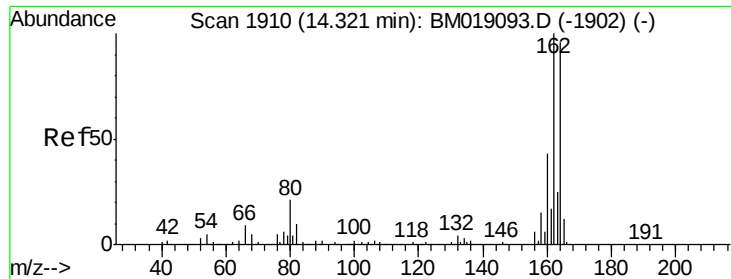
141 92.5 75.2 112.8

116 3.8 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

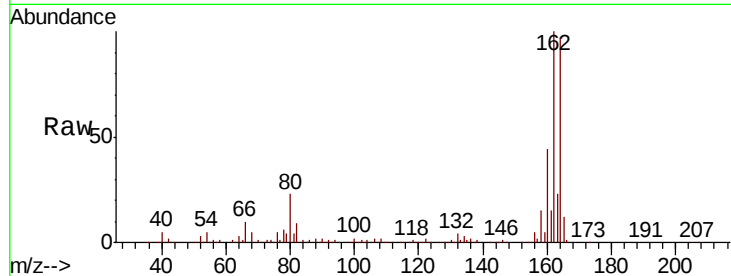




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.1	126.1
160	45.3	36.5	54.7

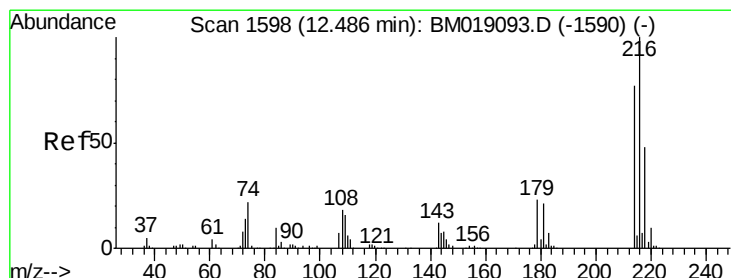
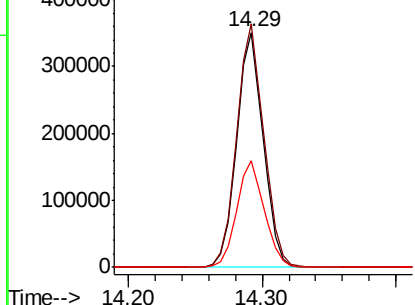
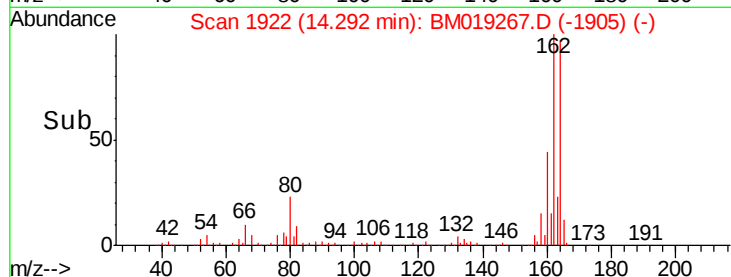


Abundance

Ion 164.00 (163.70 to 164.70): E

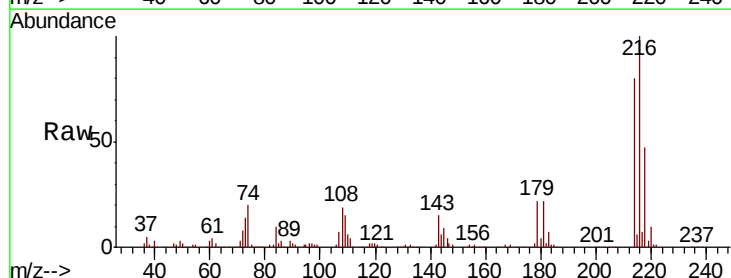
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.945 ng
 RT: 12.46 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.7	94.1
179	22.4	18.0	27.0
108	18.1	15.8	23.6



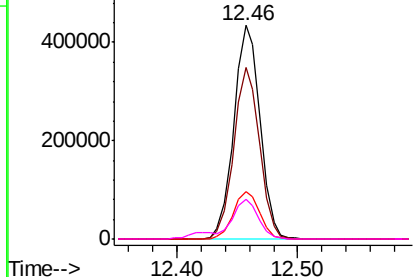
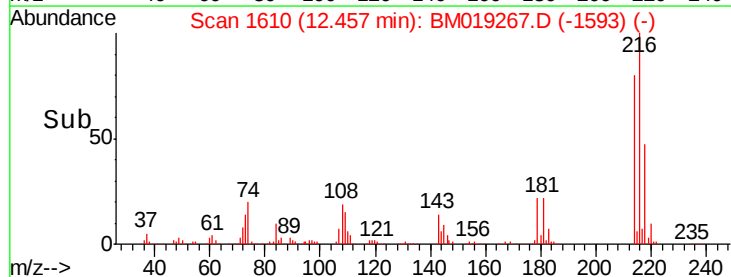
Abundance

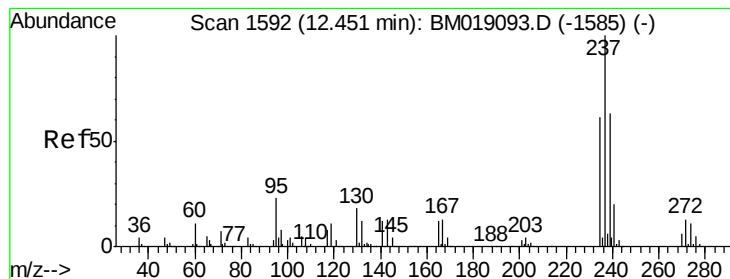
Ion 216.00 (215.70 to 216.70): E

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: 85.849 ng

RT: 12.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampled :

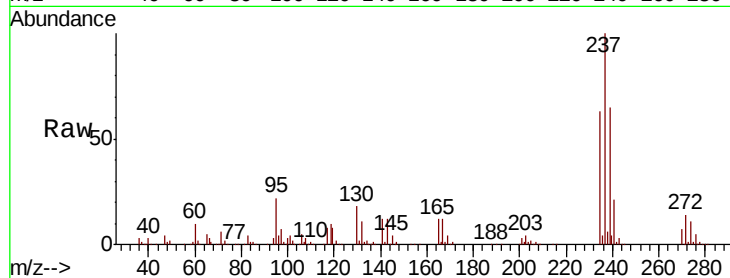
Tot Ion:237 Resp: 594450

Ion Ratio Lower Upper

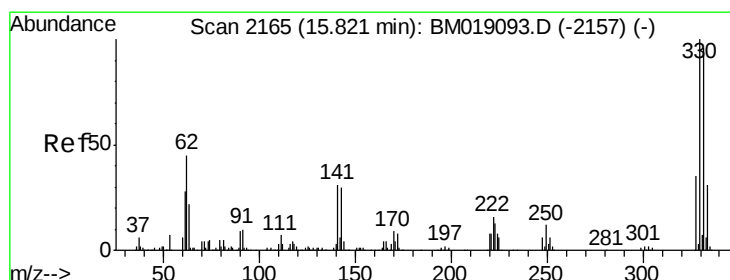
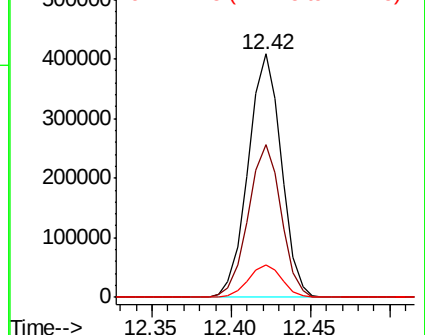
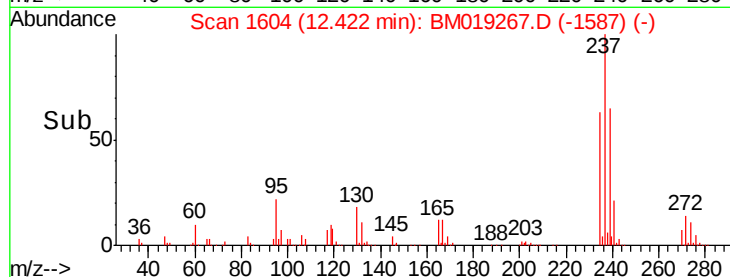
237 100

235 62.8 42.8 82.8

272 13.6 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: 150.697 ng

RT: 15.80 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

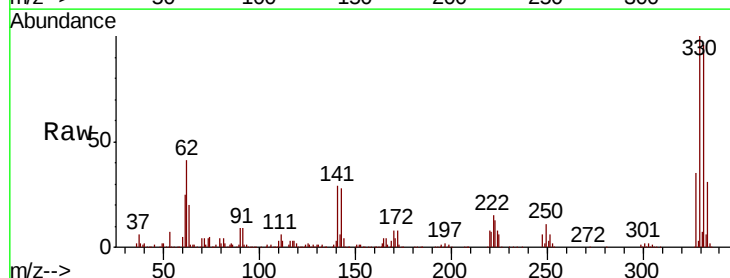
Tgt Ion:330 Resp: 1075251

Ion Ratio Lower Upper

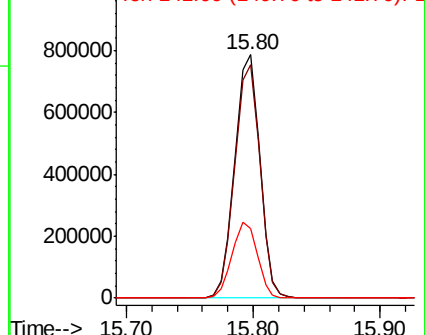
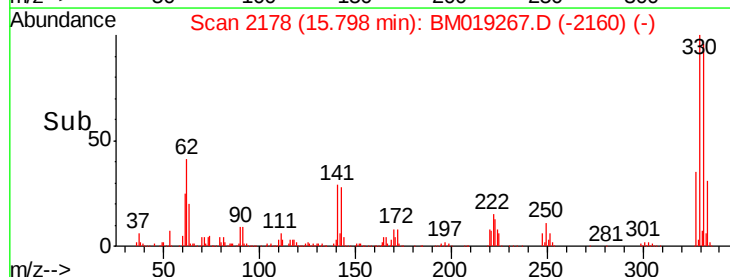
330 100

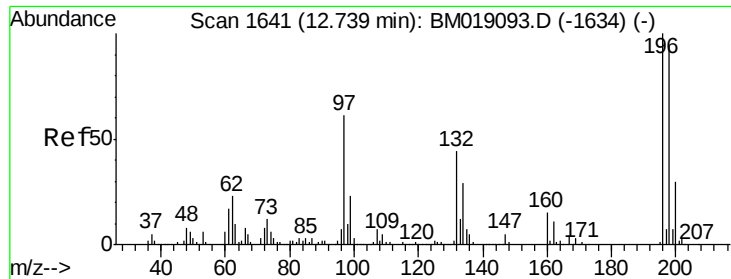
332 96.5 77.6 116.4

141 31.7 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

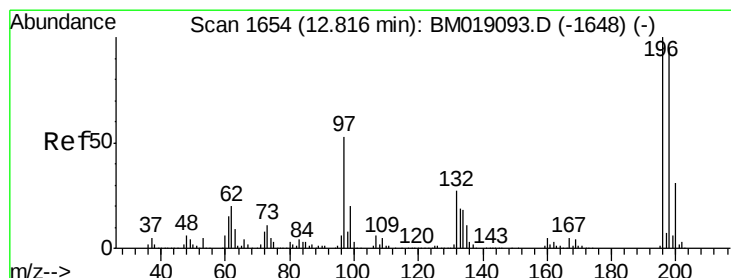
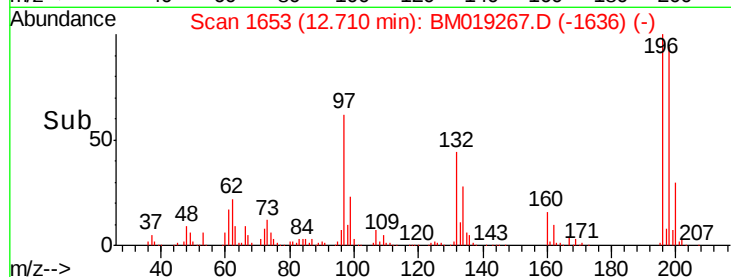
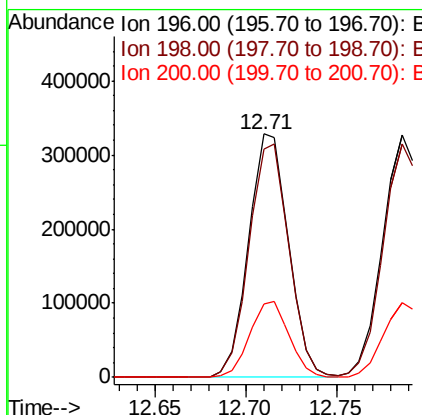
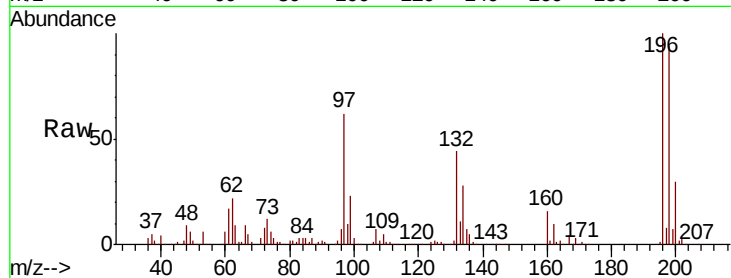




#43
 2,4,6-Trichlorophenol
 Concen: 50.922 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

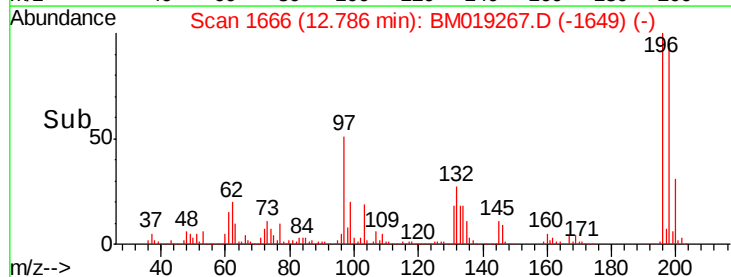
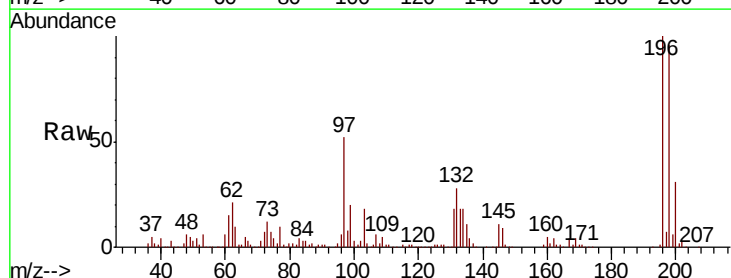
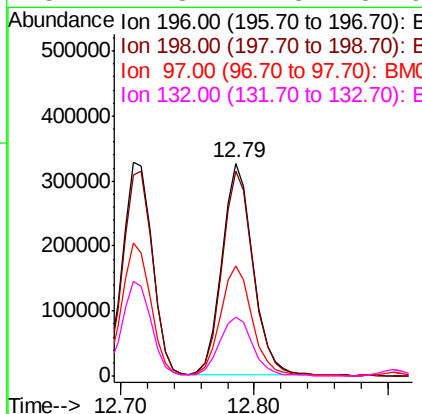
Instrument :
 BNA_M
 ClientSampleId :

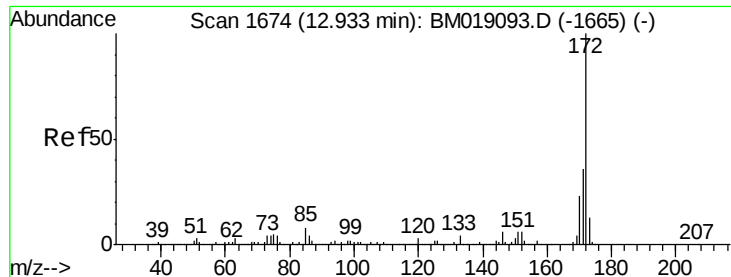
Tot Ion:196 Resp: 503055
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.2 114.2
 200 30.3 23.7 35.5



#44
 2,4,5-Trichlorophenol
 Concen: 50.371 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion:196 Resp: 532112
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.3 114.5
 97 52.0 41.5 62.3
 132 27.8 21.8 32.6

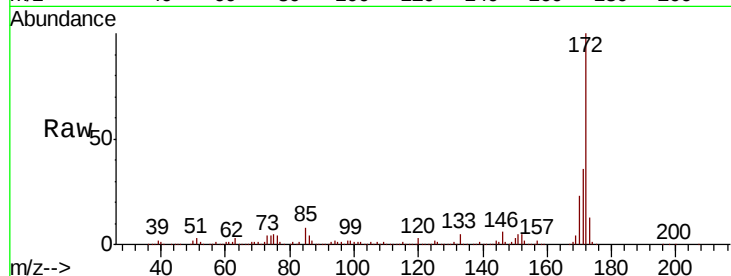




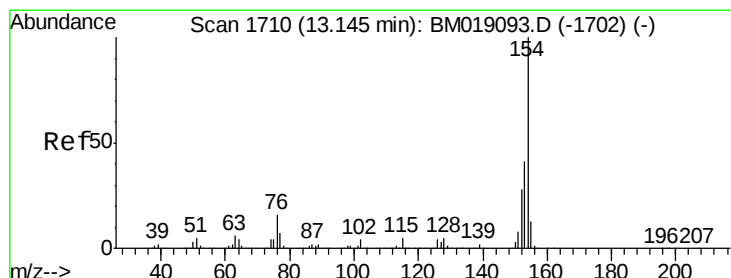
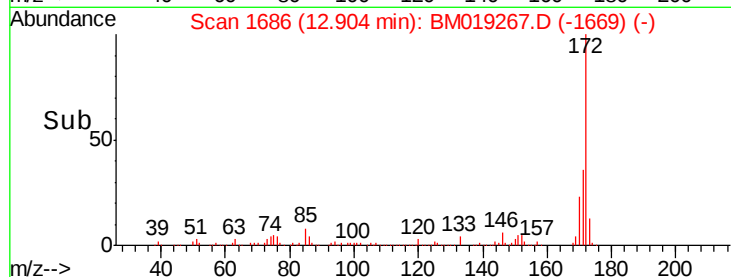
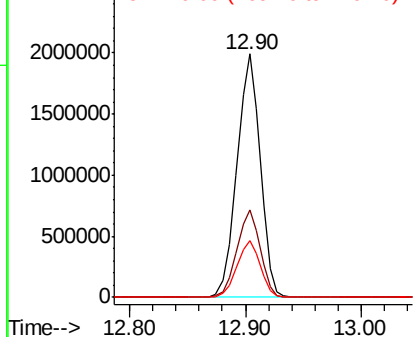
#45
2-Fluorobiphenyl
Concen: 74.533 ng
RT: 12.90 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2769061
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.1 18.9 28.3

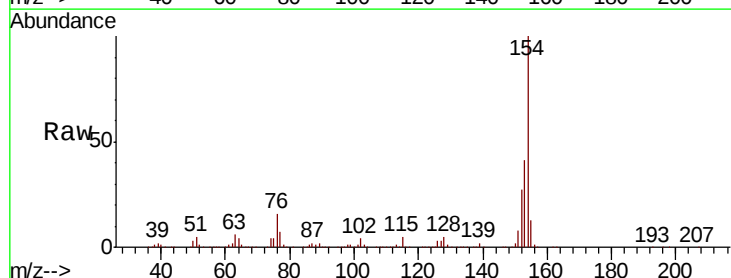


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

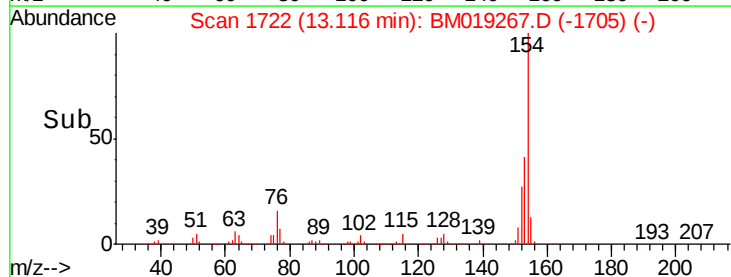
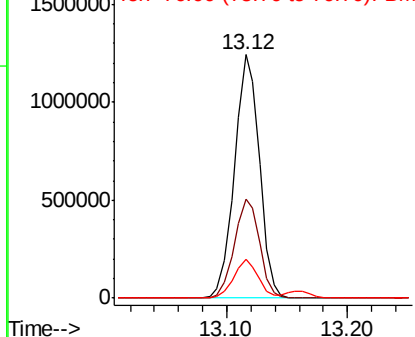


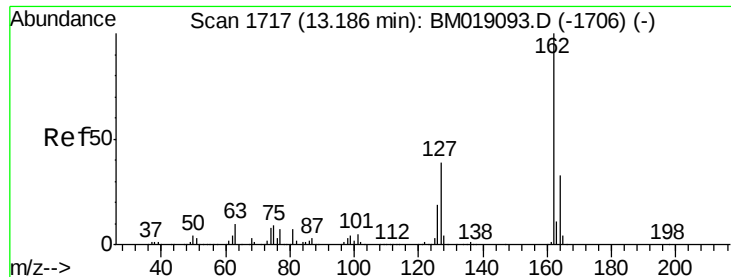
#46
1,1'-Biphenyl
Concen: 42.234 ng
RT: 13.12 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:154 Resp: 1782440
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 15.8 0.0 35.9



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

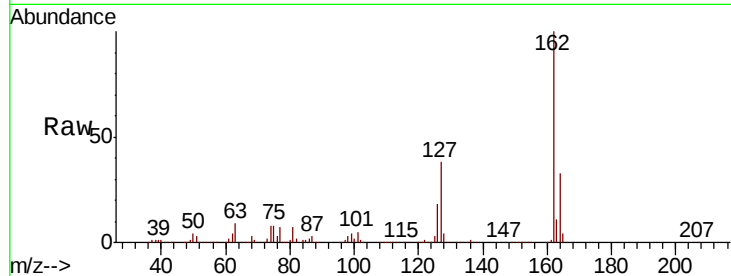




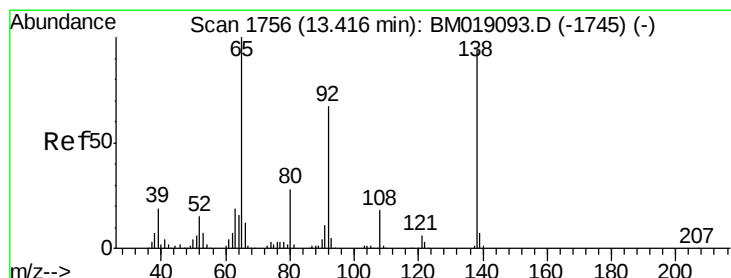
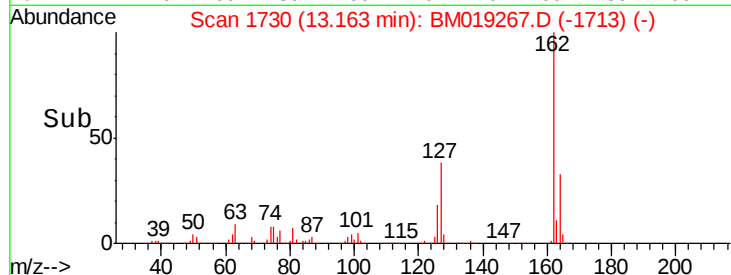
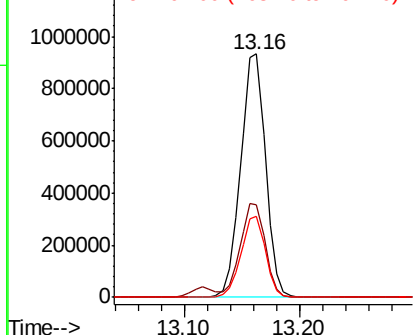
#47
2-Chloronaphthalene
Concen: 44.360 ng
RT: 13.16 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1397445
Ion Ratio Lower Upper
162 100
127 38.2 30.7 46.1
164 33.1 26.1 39.1

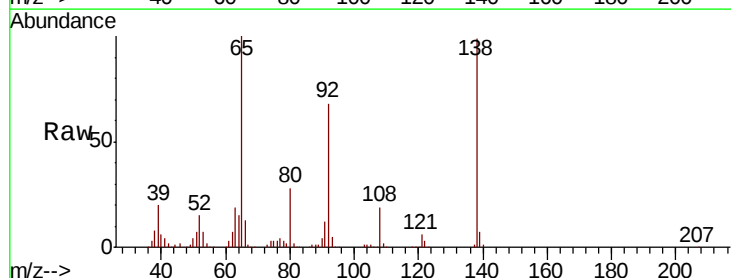


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

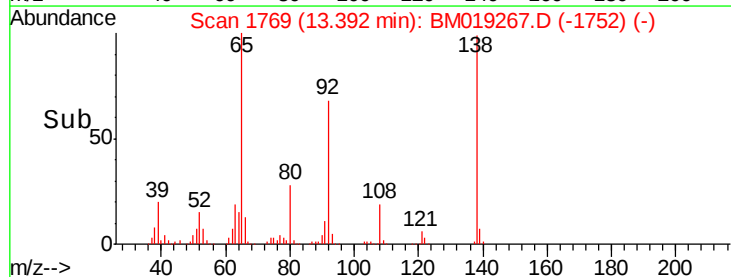
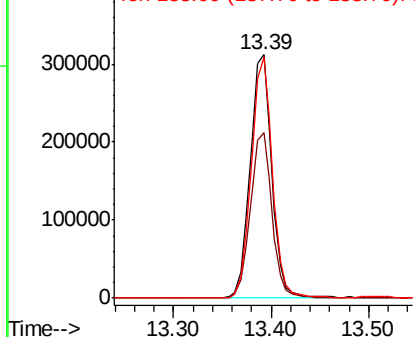


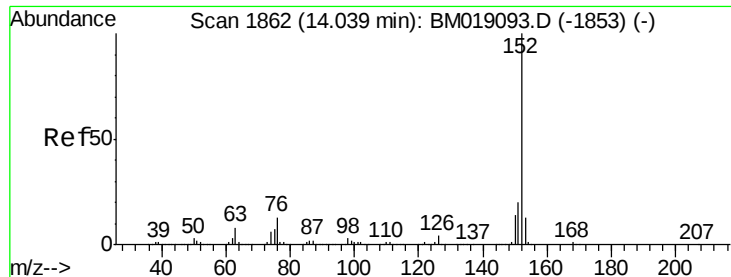
#48
2-Nitroaniline
Concen: 46.137 ng
RT: 13.39 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion: 65 Resp: 487443
Ion Ratio Lower Upper
65 100
92 68.1 54.0 81.0
138 99.2 78.3 117.5



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





#49

Acenaphthylene

Concen: 42.737 ng

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

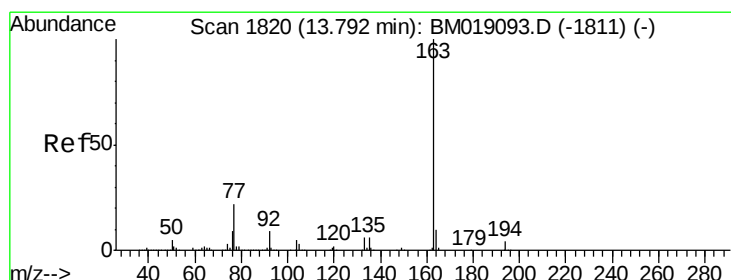
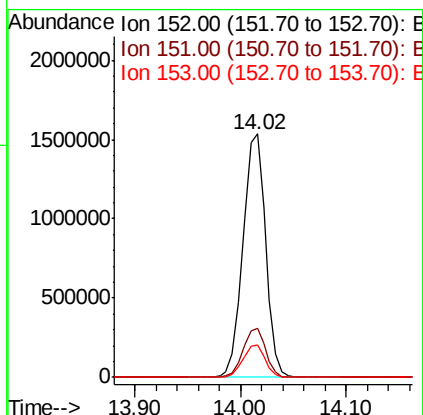
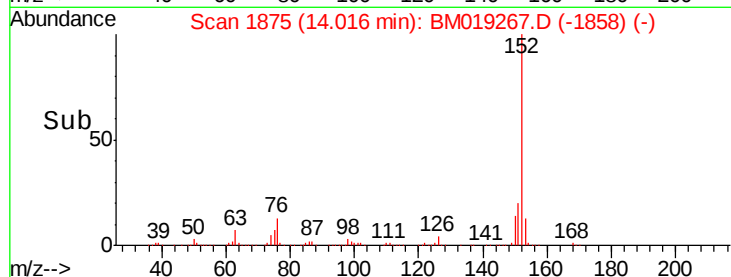
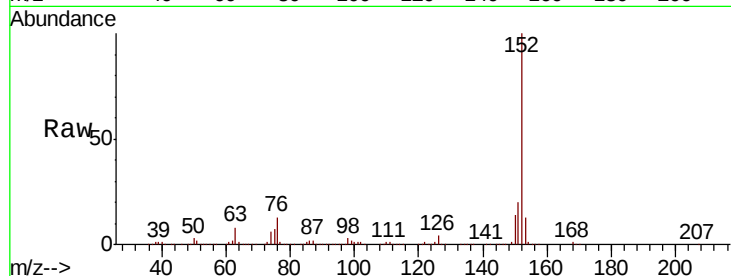
Tot Ion:152 Resp: 2276424

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 50.610 ng

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

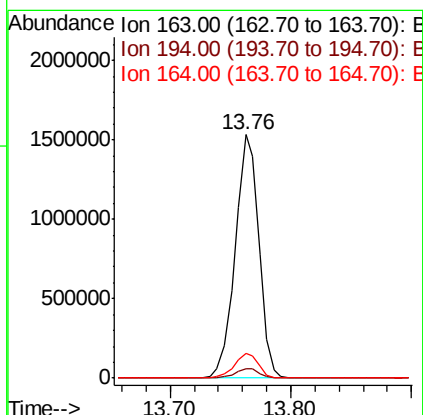
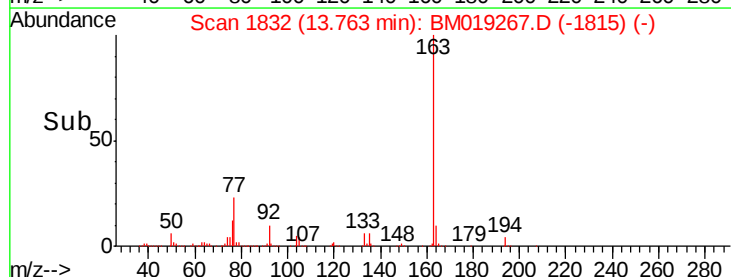
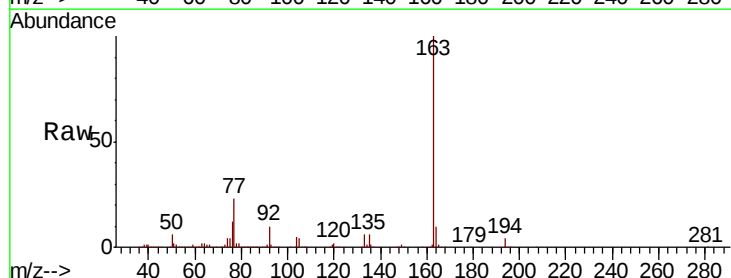
Tgt Ion:163 Resp: 2092241

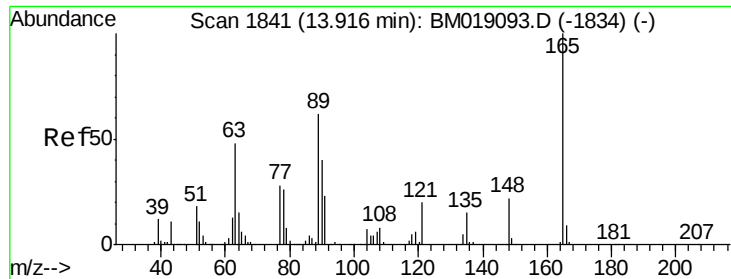
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.2 8.2 12.2

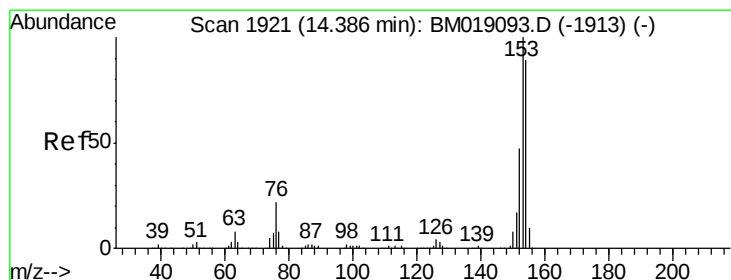
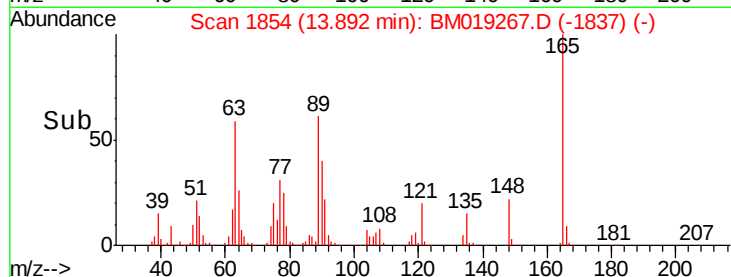
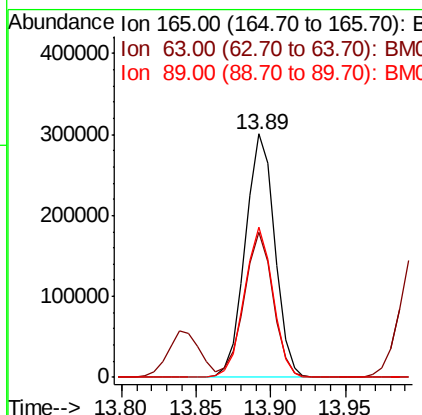
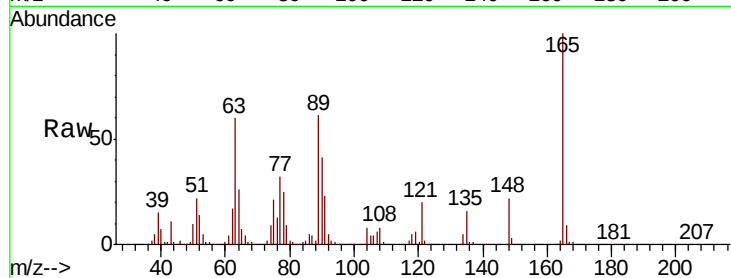




#51
 2,6-Dinitrotoluene
 Concen: 45.825 ng
 RT: 13.89 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

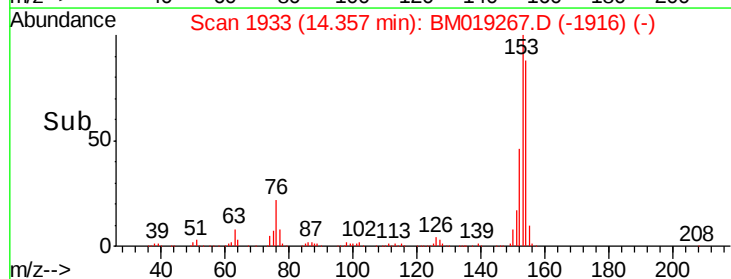
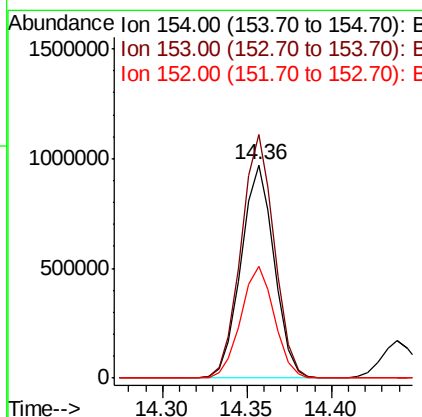
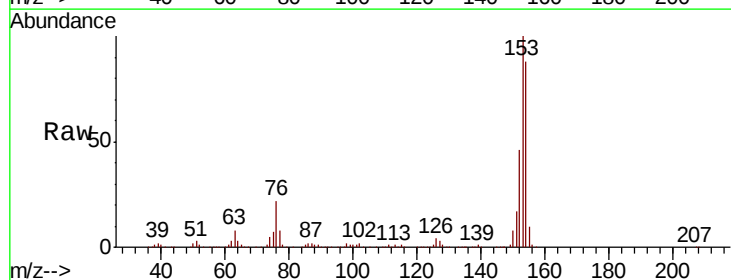
Instrument :
 BNA_M
 ClientSampleId :

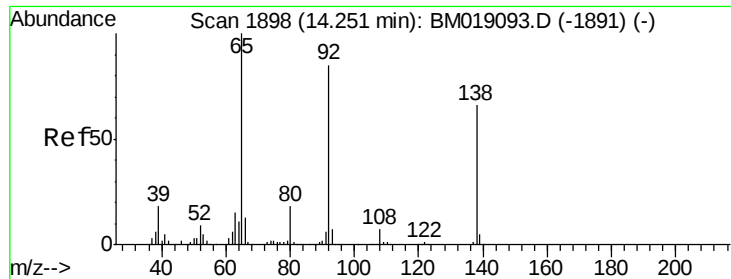
Tot Ion:165 Resp: 409523
 Ion Ratio Lower Upper
 165 100
 63 59.7 46.7 70.1
 89 61.5 47.7 71.5



#52
 Acenaphthene
 Concen: 43.499 ng
 RT: 14.36 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion:154 Resp: 1331378
 Ion Ratio Lower Upper
 154 100
 153 114.2 91.0 136.4
 152 52.3 42.1 63.1

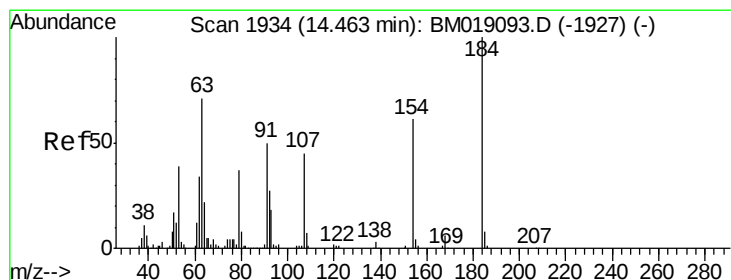
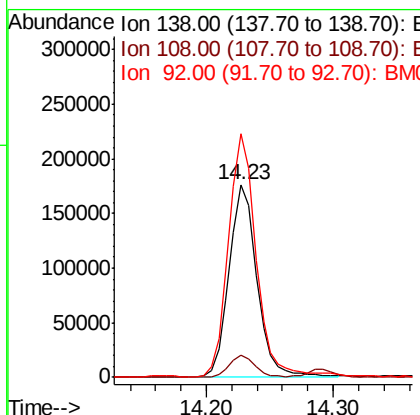
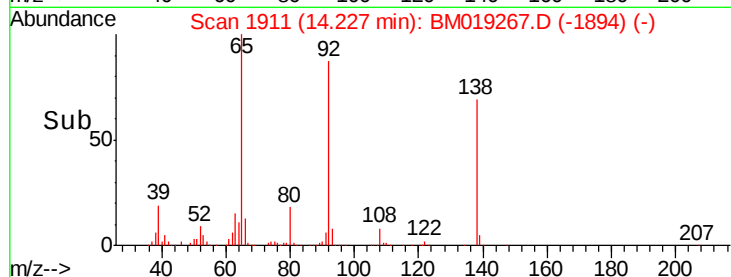
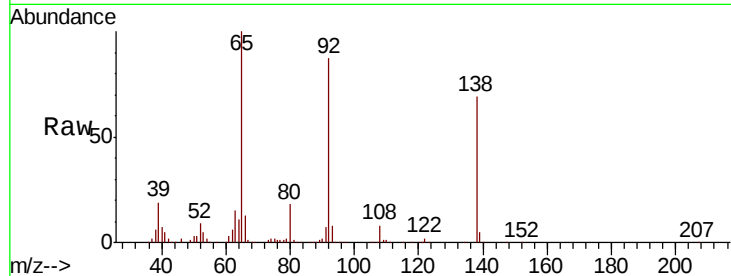




#53
 3-Nitroaniline
 Concen: 28.428 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

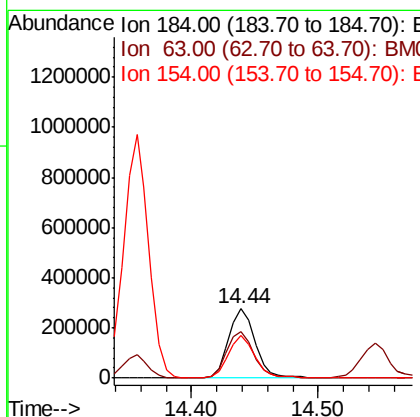
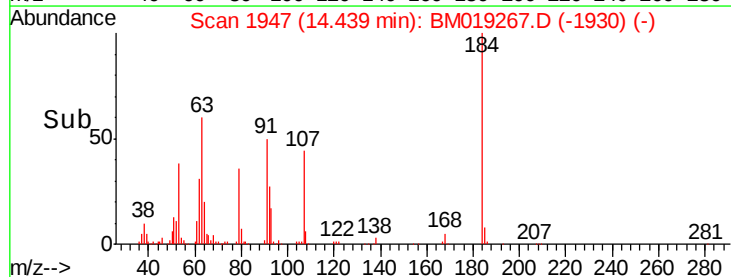
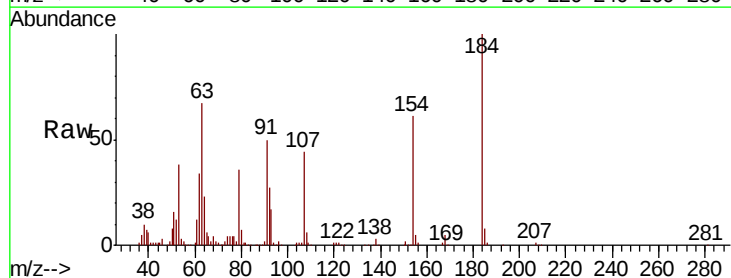
Instrument :
 BNA_M
 ClientSampleId :

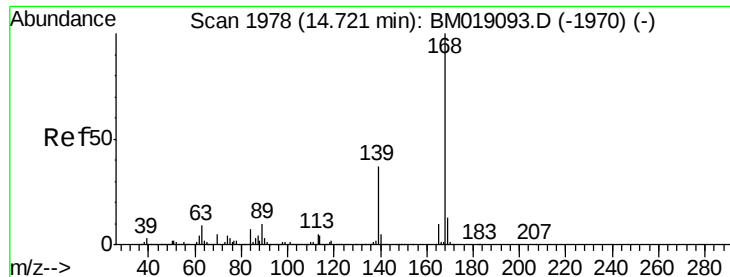
Tot Ion:138 Resp: 269072
 Ion Ratio Lower Upper
 138 100
 108 11.2 8.8 13.2
 92 126.3 100.2 150.2



#54
 2,4-Dinitrophenol
 Concen: 78.080 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion:184 Resp: 405232
 Ion Ratio Lower Upper
 184 100
 63 67.3 55.7 83.5
 154 61.1 48.6 73.0

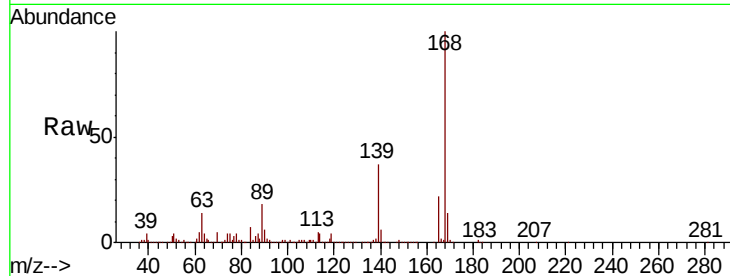




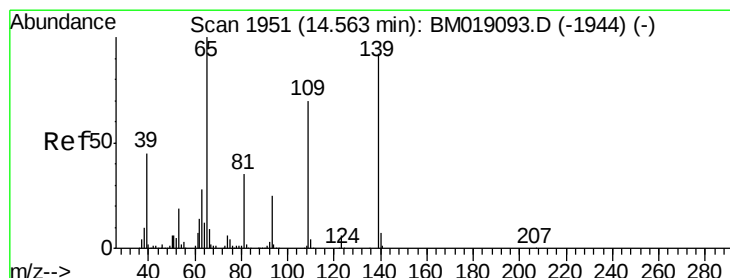
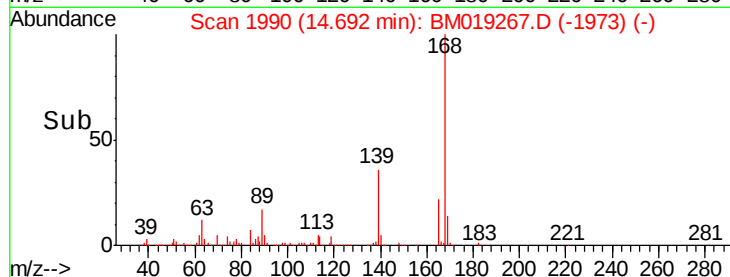
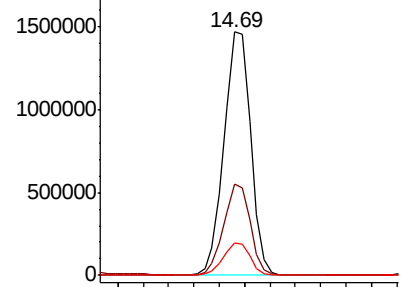
#55
Dibenzofuran
Concen: 43.322 ng
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 2138362
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.5 10.8 16.2

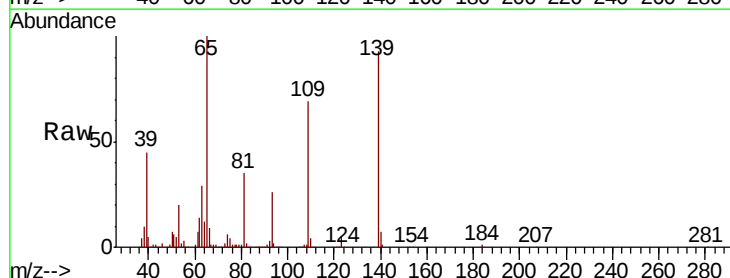


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

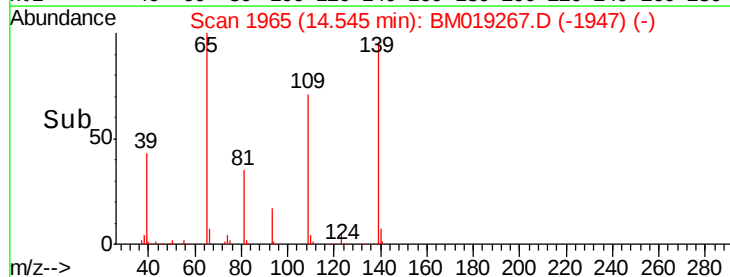
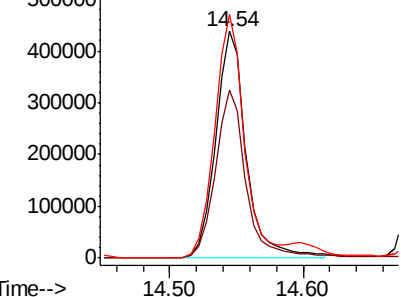


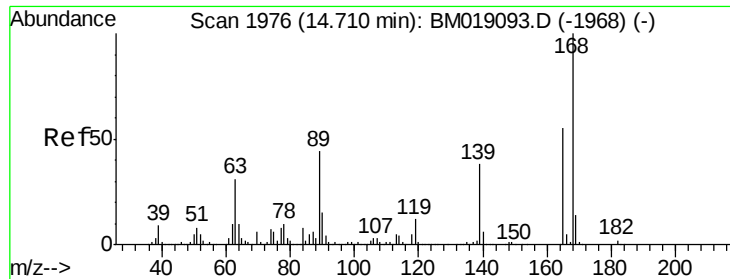
#56
4-Nitrophenol
Concen: 90.384 ng
RT: 14.54 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:139 Resp: 698482
Ion Ratio Lower Upper
139 100
109 74.2 55.0 95.0
65 107.3 87.8 127.8



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 44.699 ng

RT: 14.69 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 579854

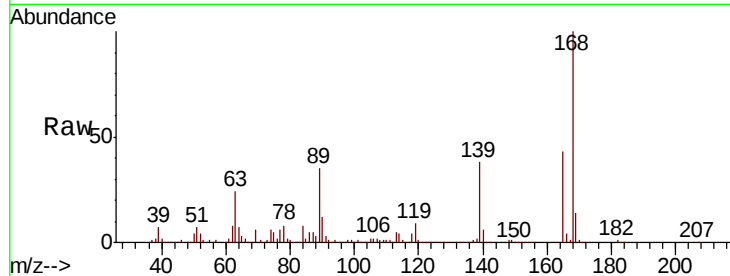
Ion Ratio Lower Upper

165 100

63 57.2 47.2 70.8

89 81.3 65.5 98.3

182 2.7 2.2 3.4

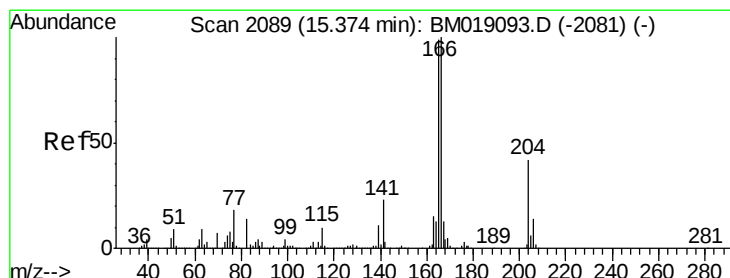
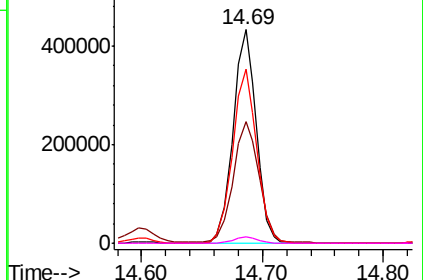
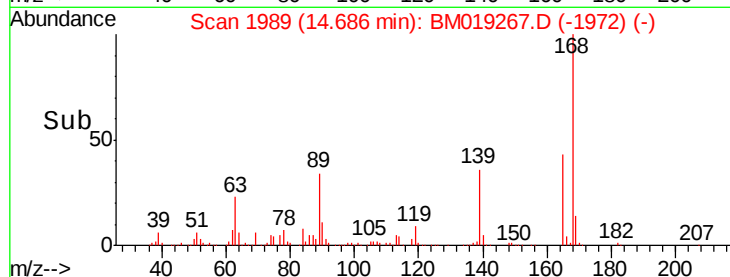


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.573 ng

RT: 15.34 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

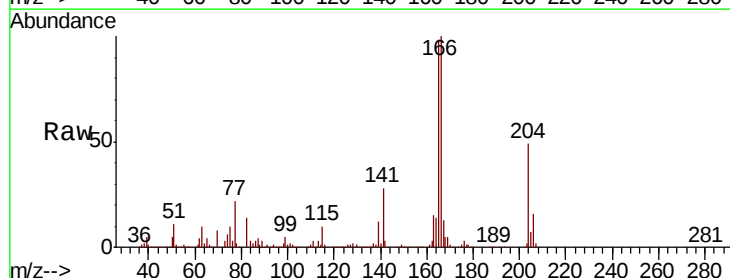
Tgt Ion:166 Resp: 1772797

Ion Ratio Lower Upper

166 100

165 98.2 78.6 118.0

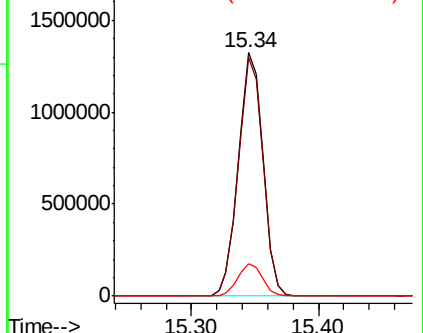
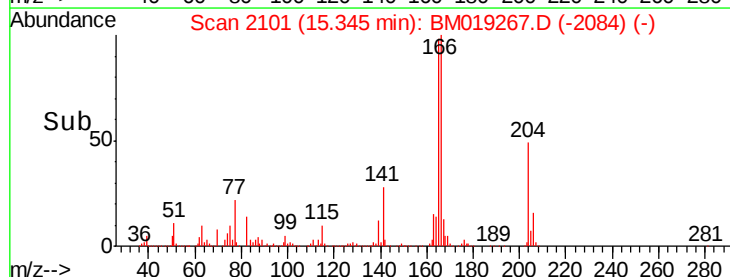
167 13.5 10.7 16.1

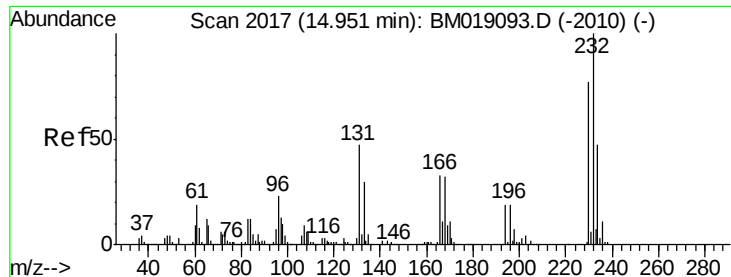


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

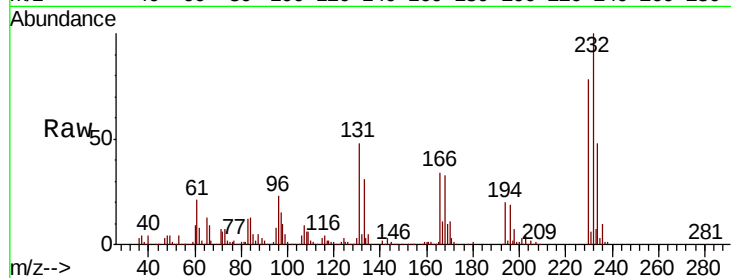




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.790 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.2	55.8
130	2.6	2.0	3.0
166	33.1	27.0	40.4



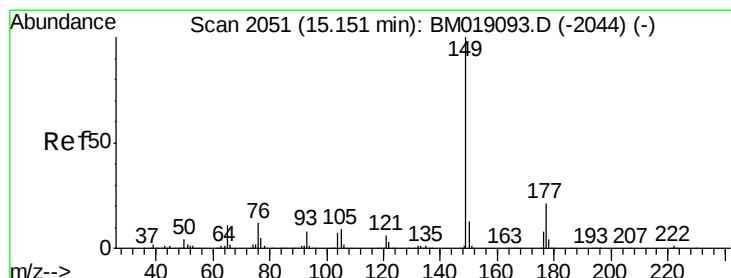
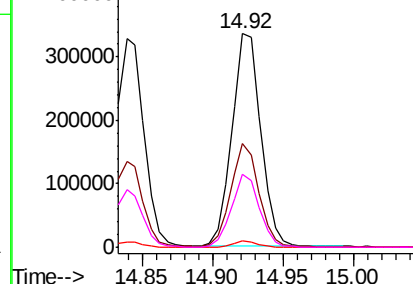
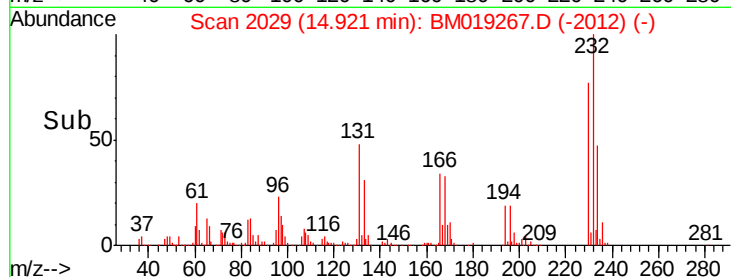
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

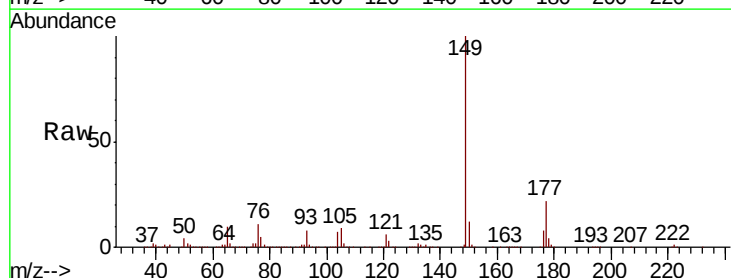
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.775 ng
 RT: 15.13 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	12.4	10.1	15.1

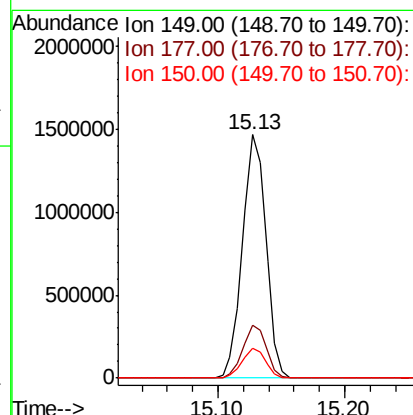
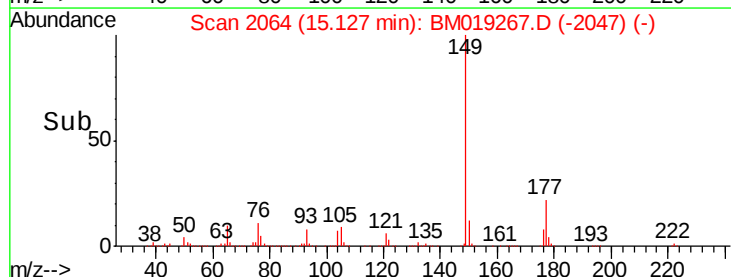


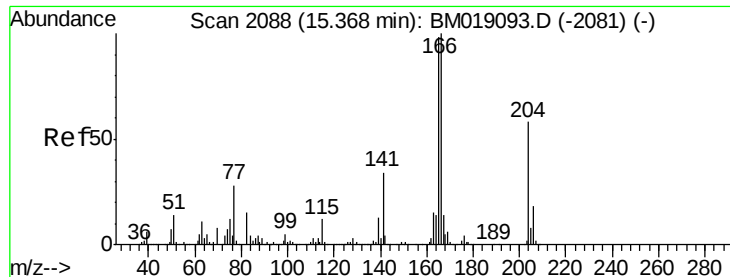
Abundance

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

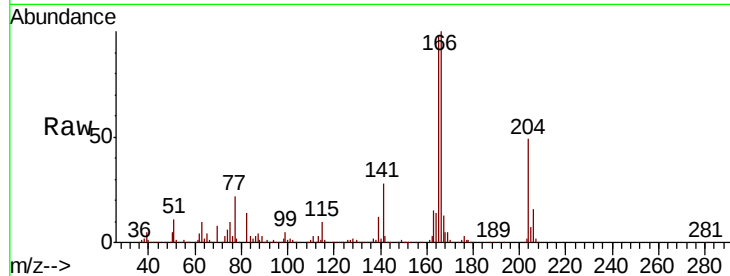




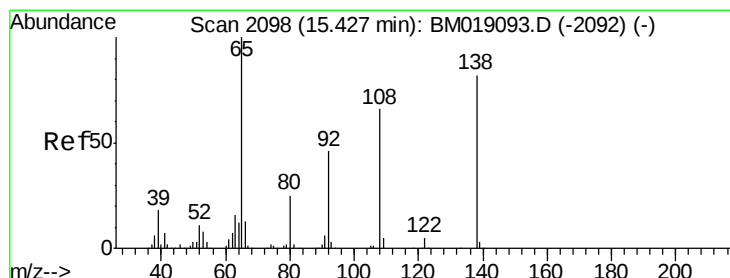
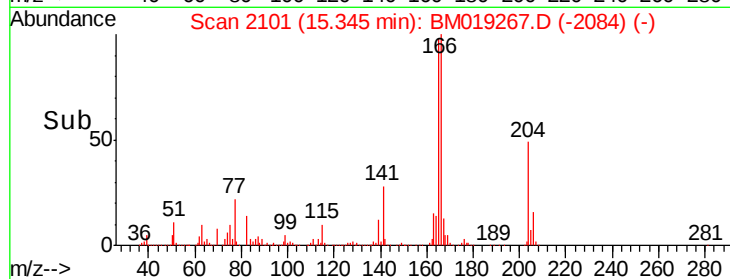
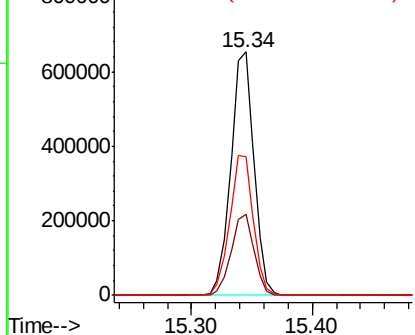
#61
4-Chlorophenyl-phenylether
Concen: 44.131 ng
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 872049
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 56.8 45.8 68.8

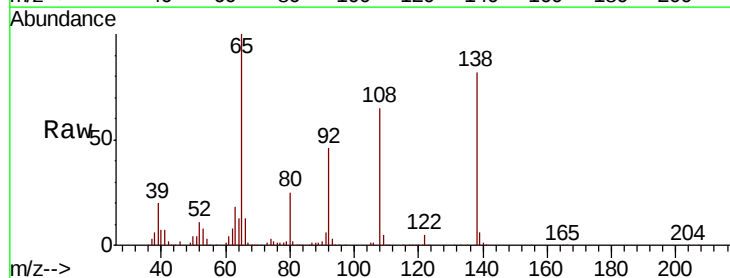


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

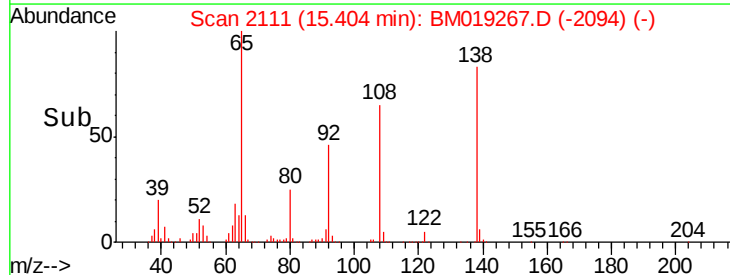
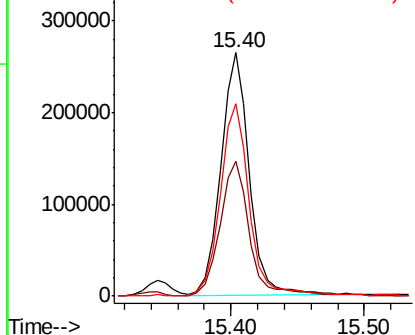


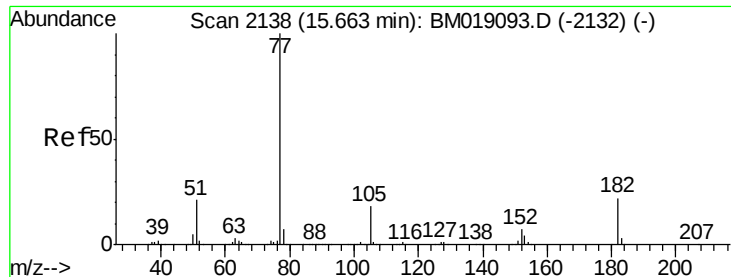
#62
4-Nitroaniline
Concen: 41.442 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:138 Resp: 395298
Ion Ratio Lower Upper
138 100
92 55.3 34.8 74.8
108 79.1 58.9 98.9



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

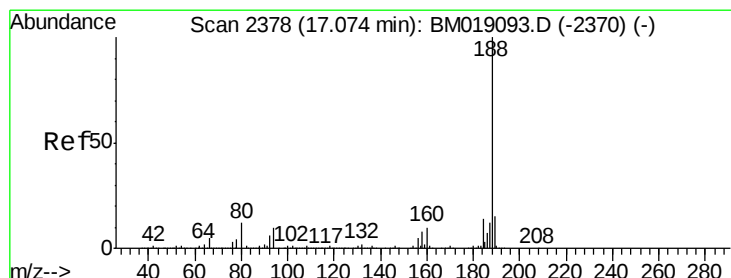
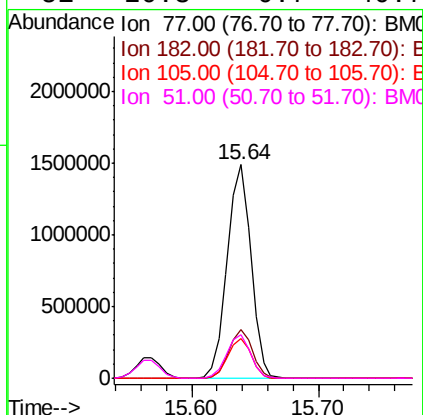
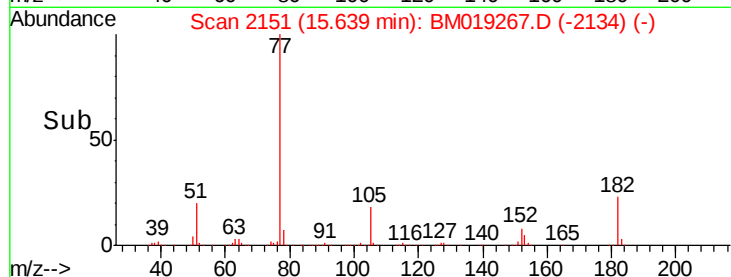
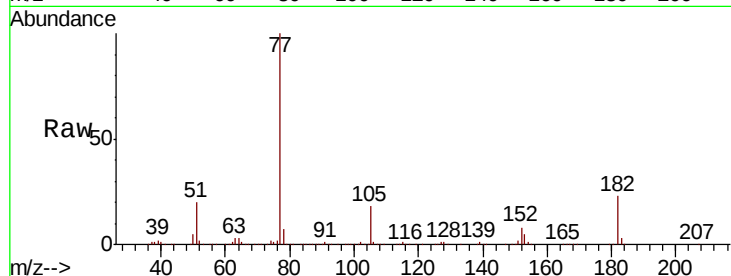




#63
Azobenzene
Concen: 43.798 ng
RT: 15.64 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

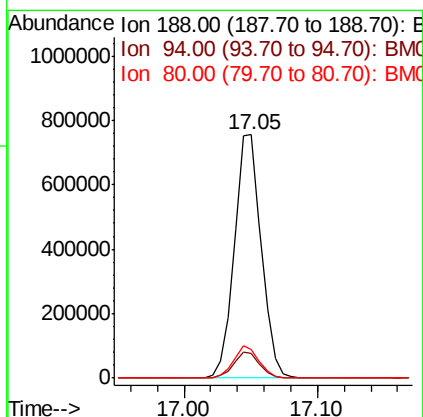
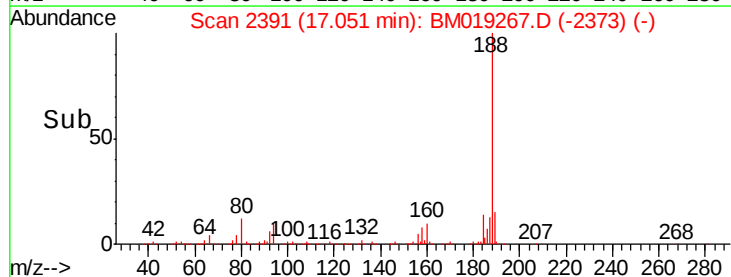
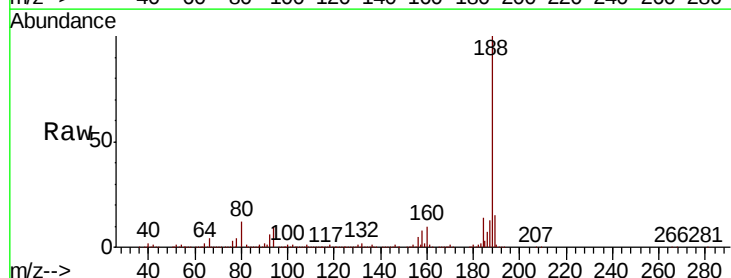
Instrument :
BNA_M
ClientSampleId :

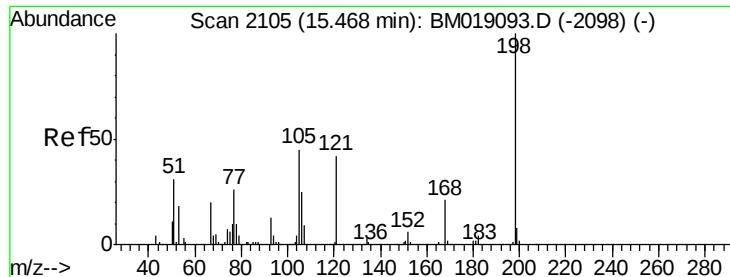
Tot Ion: 77 Resp: 1929646
Ion Ratio Lower Upper
77 100
182 22.6 2.7 42.7
105 18.3 0.0 38.1
51 20.3 0.7 40.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion: 188 Resp: 1061294
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.8 9.8 14.8





#65

4,6-Dinitro-2-methylphenol

Concen: 43.412 ng

RT: 15.44 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampled :

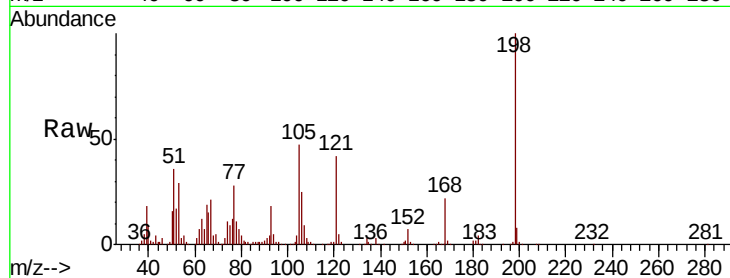
Tot Ion:198 Resp: 301913

Ion Ratio Lower Upper

198 100

51 36.5 16.1 56.1

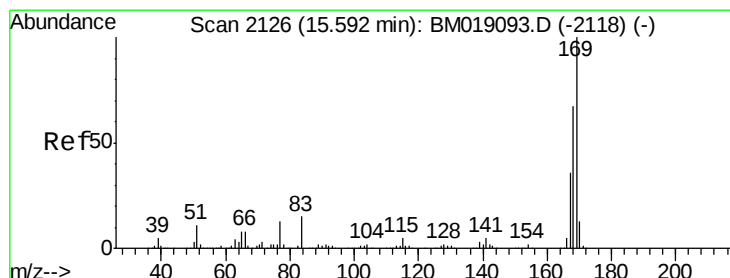
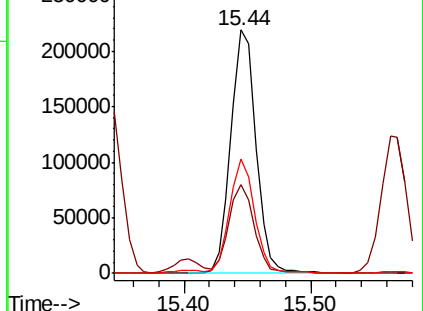
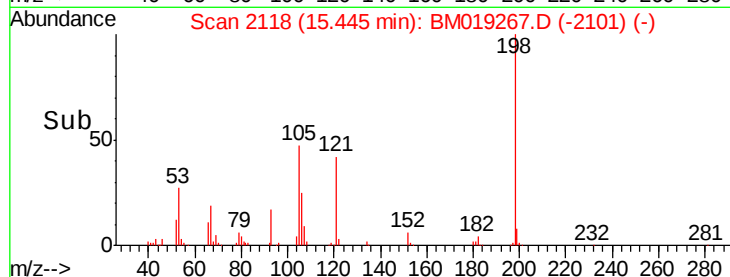
105 46.9 25.1 65.1



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: 46.191 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

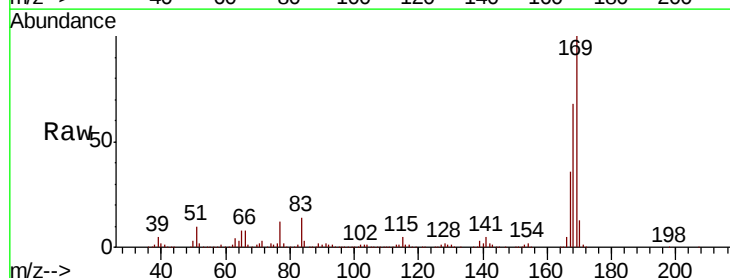
Tgt Ion:169 Resp: 1560694

Ion Ratio Lower Upper

169 100

168 67.8 55.0 82.4

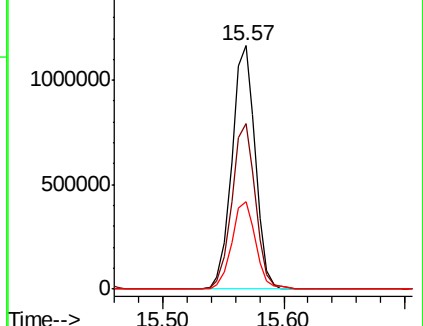
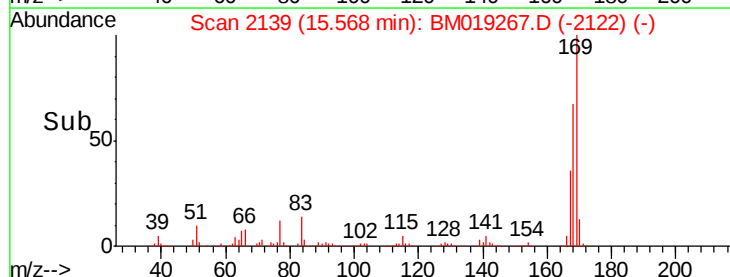
167 36.1 29.1 43.7

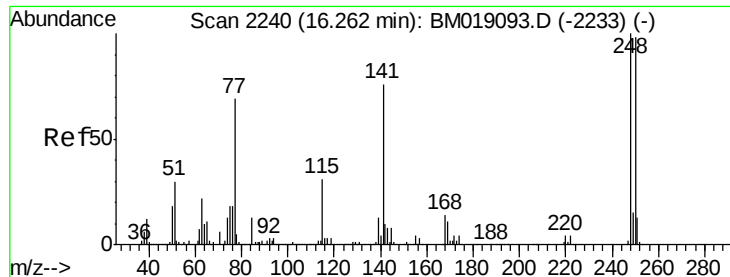


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

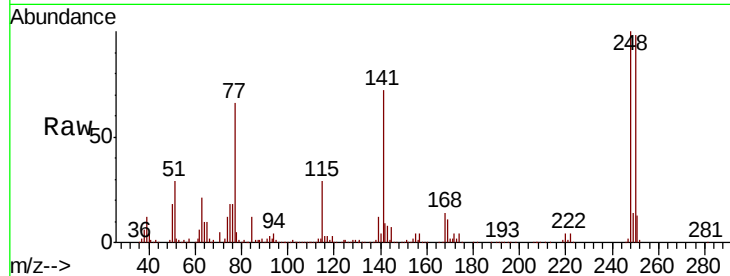




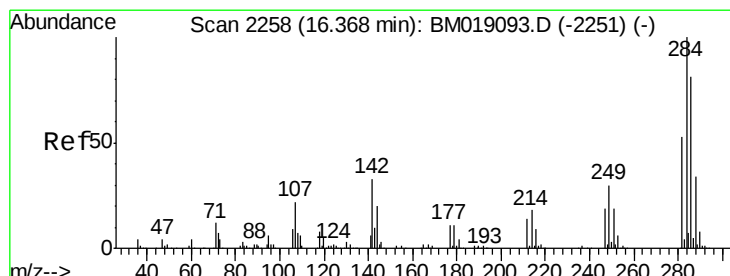
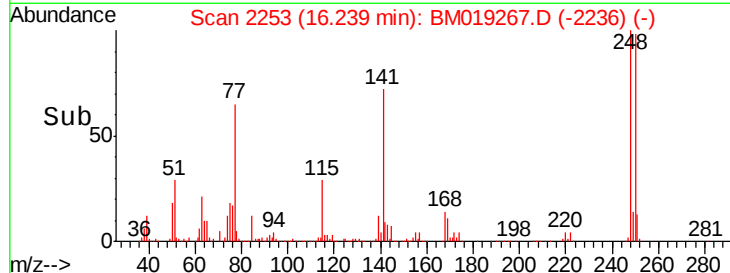
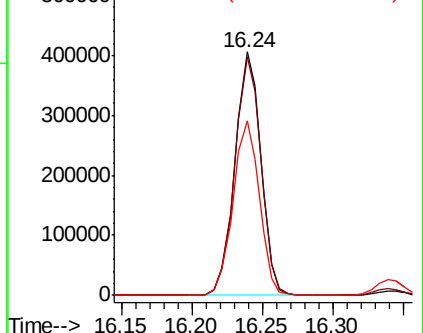
#67
4-Bromophenyl-phenylether
Concen: 44.486 ng
RT: 16.24 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 520634
Ion Ratio Lower Upper
248 100
250 98.0 78.2 117.2
141 71.9 57.2 85.8

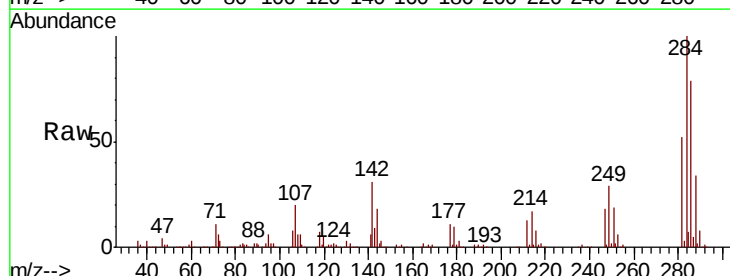


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

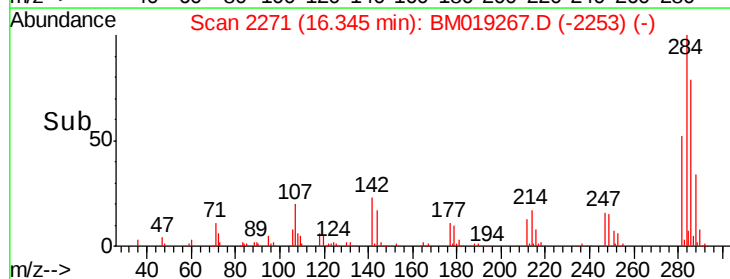
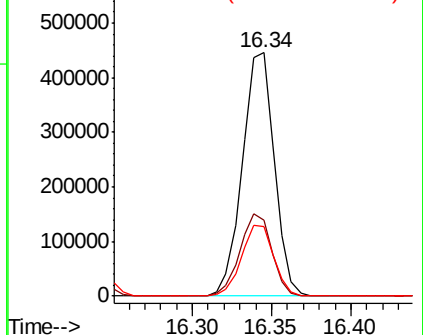


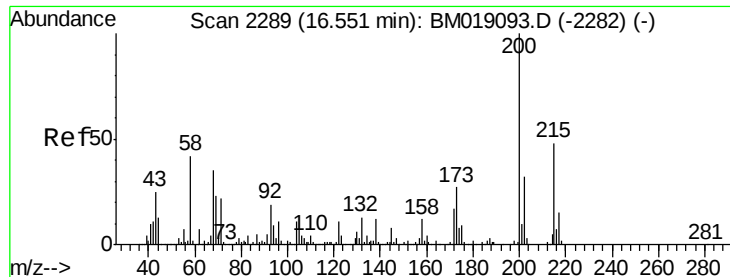
#68
Hexachlorobenzene
Concen: 44.809 ng
RT: 16.34 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:284 Resp: 623477
Ion Ratio Lower Upper
284 100
142 31.2 27.9 41.9
249 28.6 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: 48.049 ng

RT: 16.53 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampled :

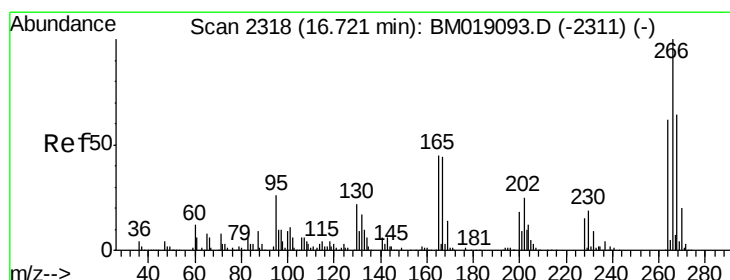
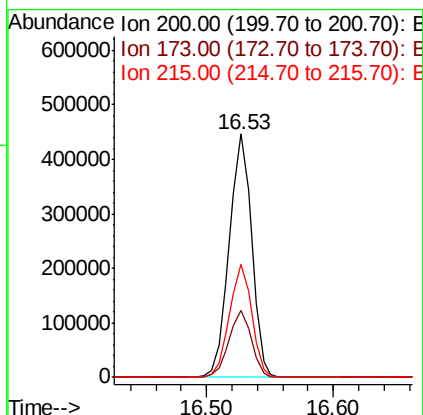
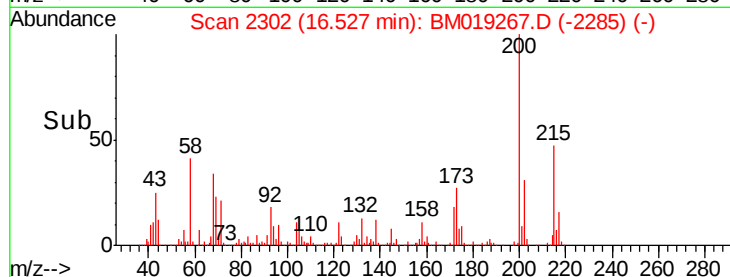
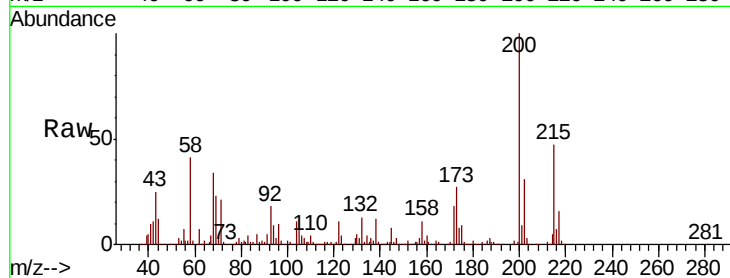
Tot Ion:200 Resp: 546502

Ion Ratio Lower Upper

200 100

173 27.3 6.8 46.8

215 46.6 26.4 66.4



#70

Pentachlorophenol

Concen: 92.421 ng

RT: 16.70 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

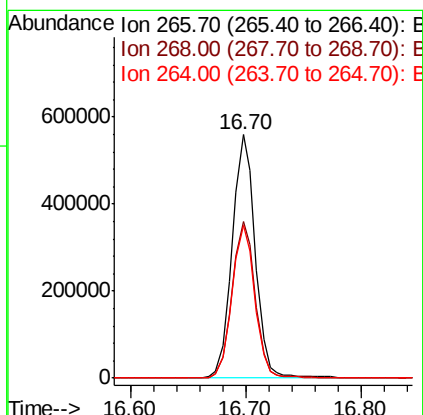
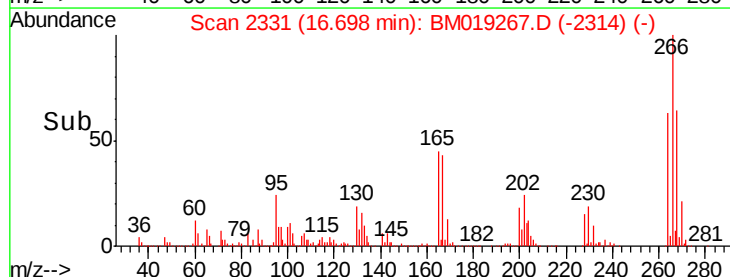
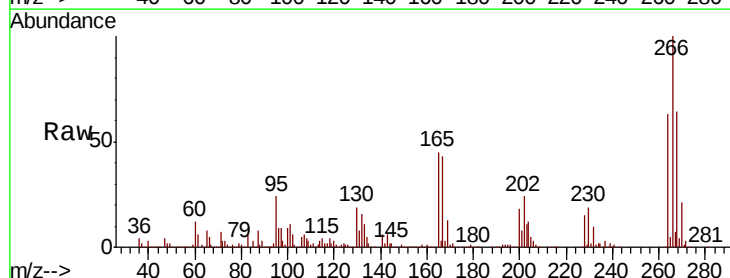
Tgt Ion:266 Resp: 774766

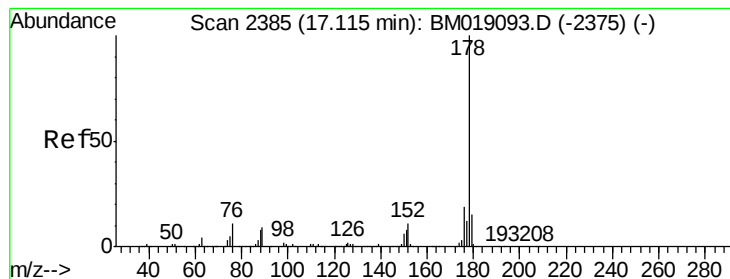
Ion Ratio Lower Upper

266 100

268 64.2 52.0 78.0

264 62.5 50.6 76.0





#71

Phenanthrene

Concen: 42.955 ng

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampled :

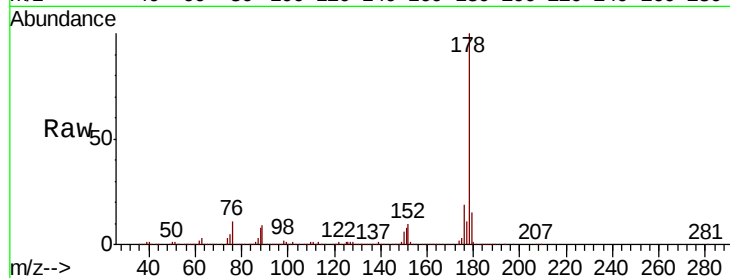
Tot Ion:178 Resp: 2672043

Ion Ratio Lower Upper

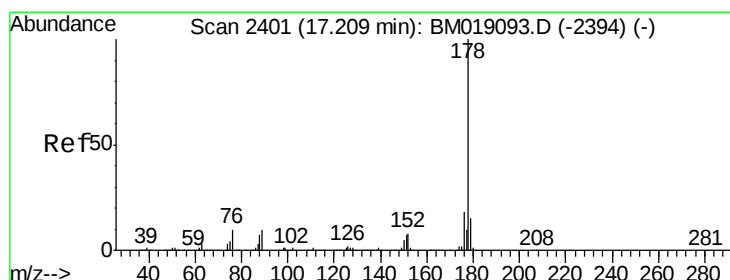
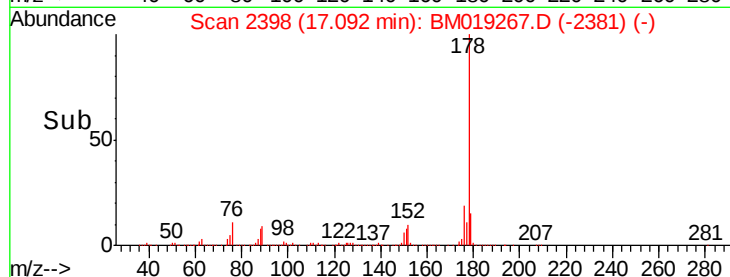
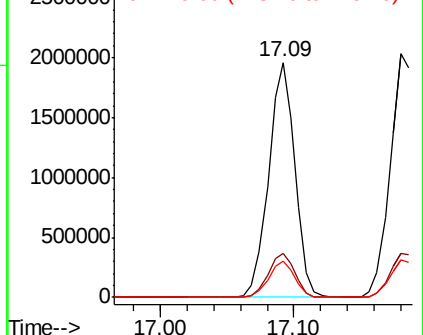
178 100

176 18.9 15.2 22.8

179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.051 ng

RT: 17.18 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

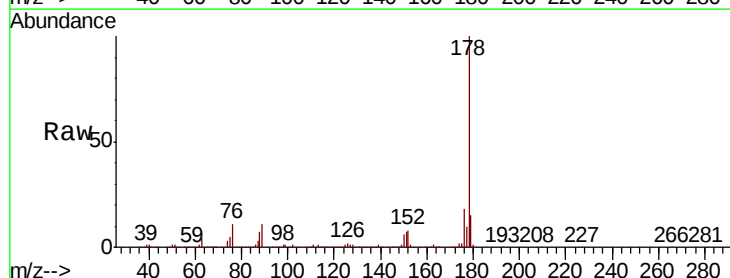
Tgt Ion:178 Resp: 2743508

Ion Ratio Lower Upper

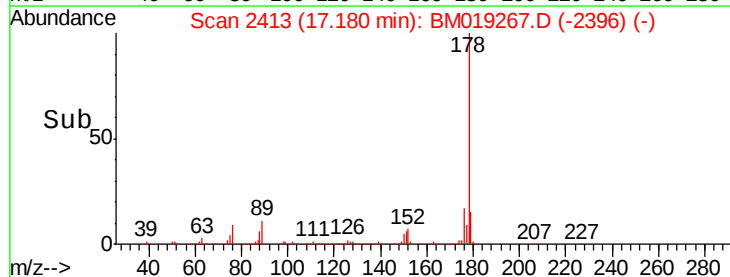
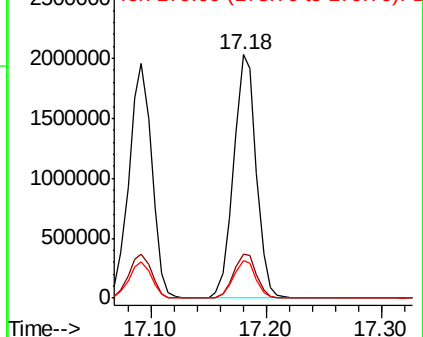
178 100

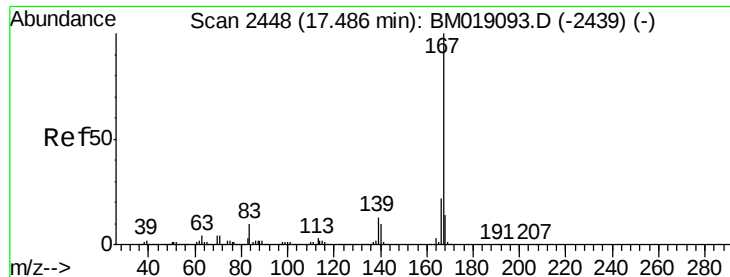
176 18.2 14.6 21.8

179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

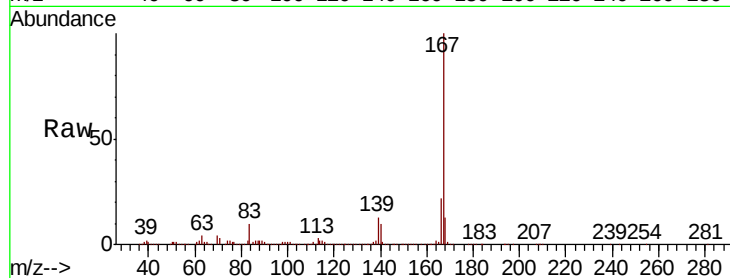




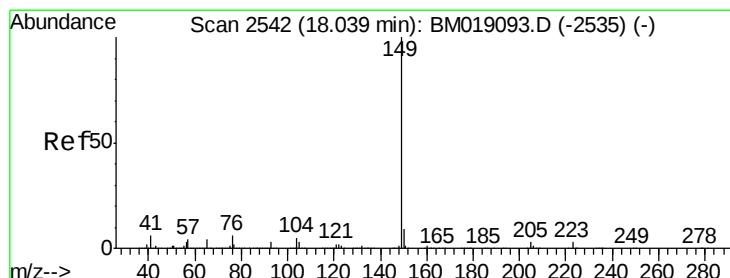
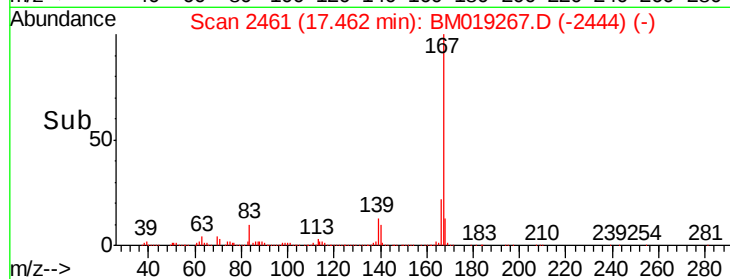
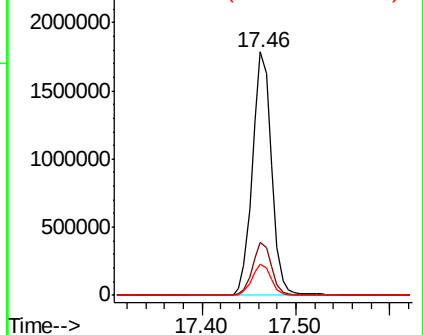
#73
 Carbazole
 Concen: 43.945 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2525812
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.9 10.3 15.5

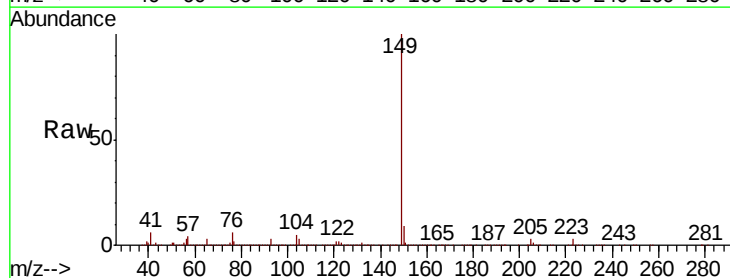


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

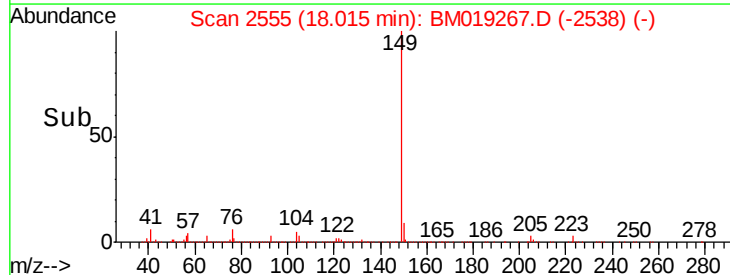
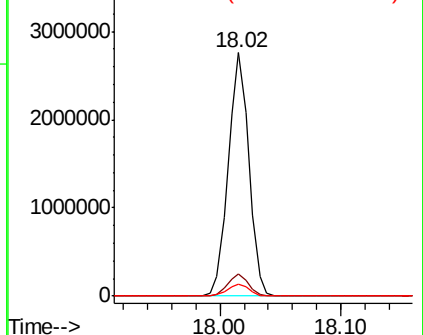


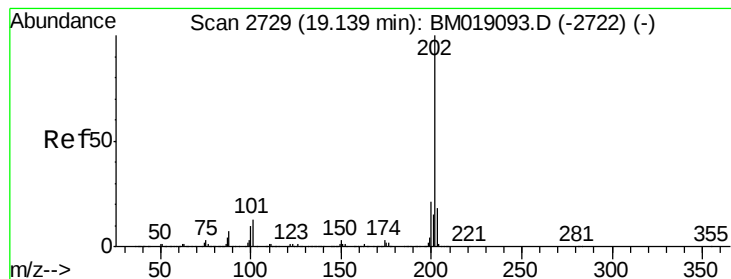
#74
 Di-n-butylphthalate
 Concen: 47.000 ng
 RT: 18.02 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion:149 Resp: 3266693
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.1 4.1 6.1



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





#75

Fluoranthene

Concen: 40.805 ng

RT: 19.12 min Scan# 2742

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

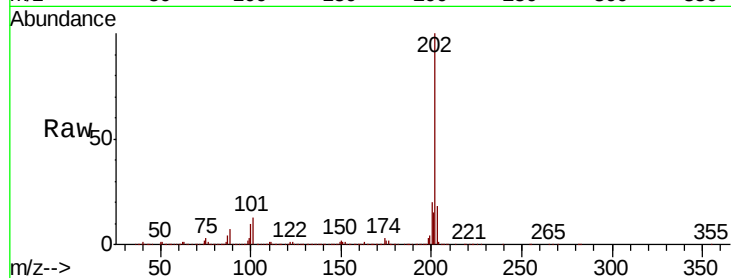
Tot Ion:202 Resp: 2912623

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

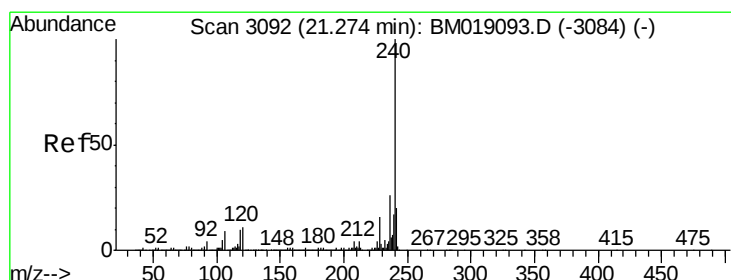
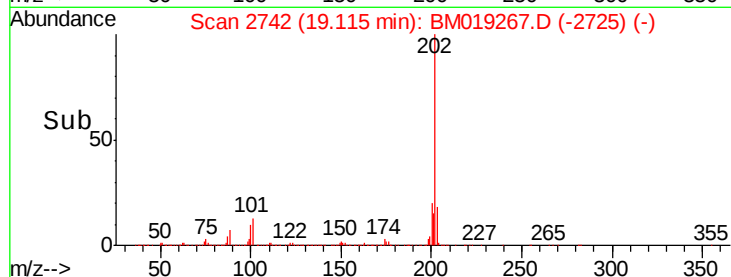
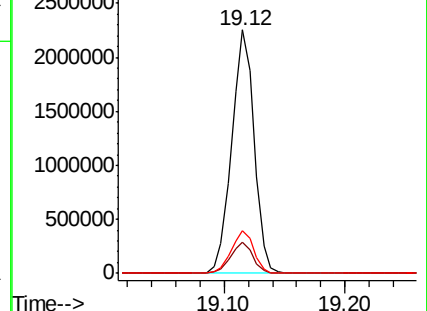
203 17.6 0.0 37.3



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: BM019267.D

Acq: 20 Mar 2019 18:20

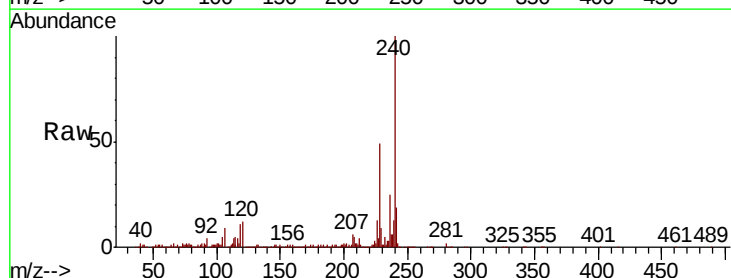
Tgt Ion:240 Resp: 918209

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

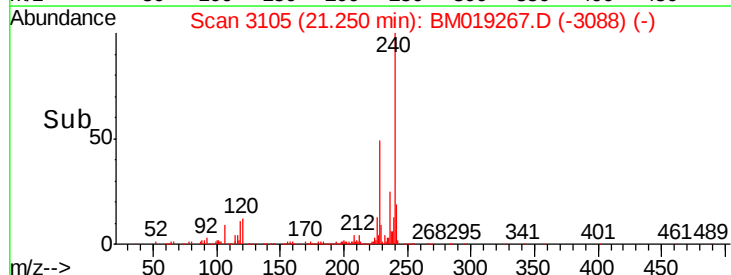
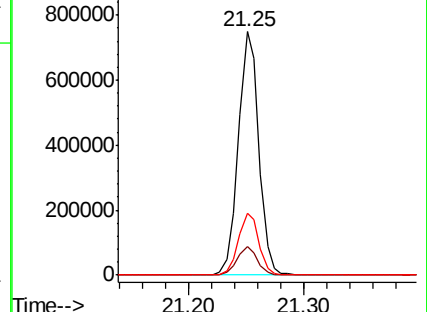
236 25.5 20.3 30.5

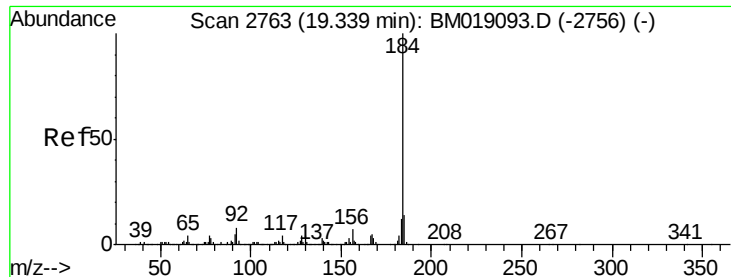


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.516 ng

RT: 19.32 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

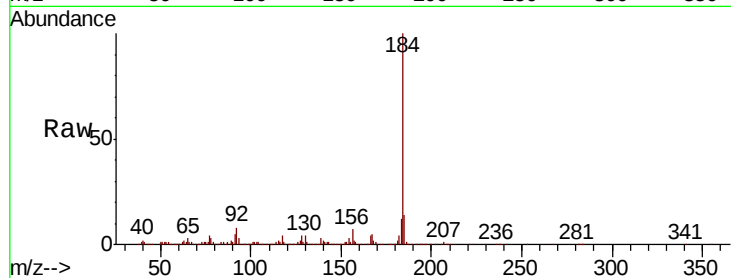
Instrument :

BNA_M

ClientSampled :

Tot Ion:184 Resp: 1419652

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.2	16.8
183	12.2	9.7	14.5

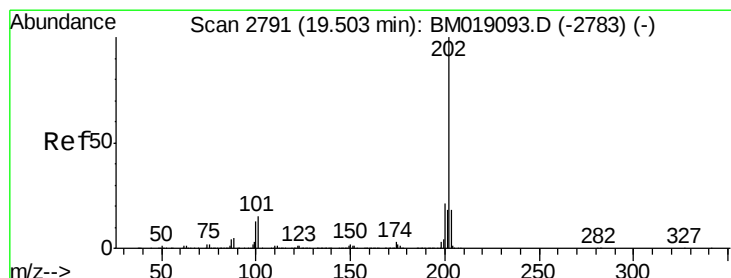
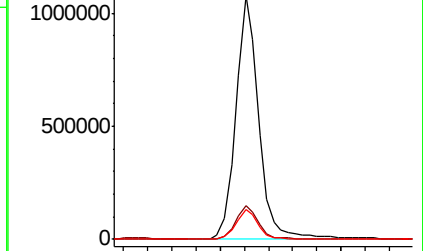
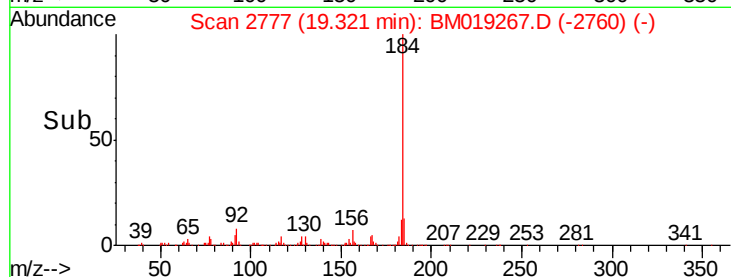


Abundance

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: 50.548 ng

RT: 19.48 min Scan# 2804

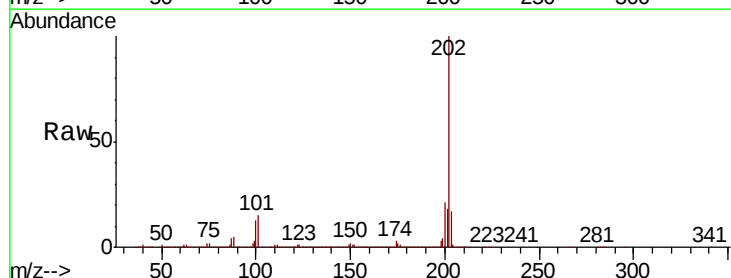
Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion:202 Resp: 2936658

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.4	13.9	20.9

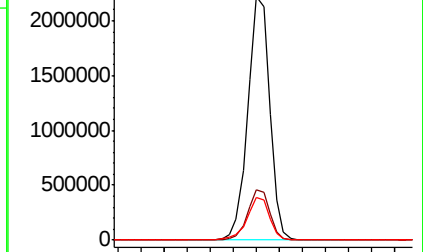
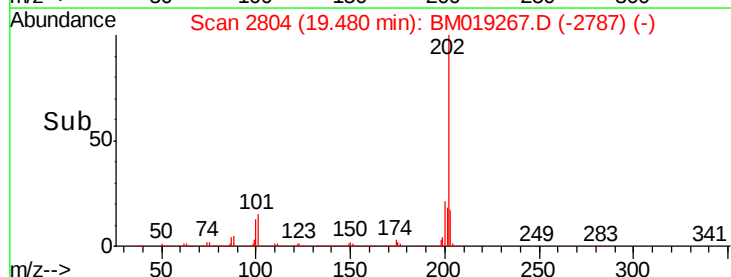


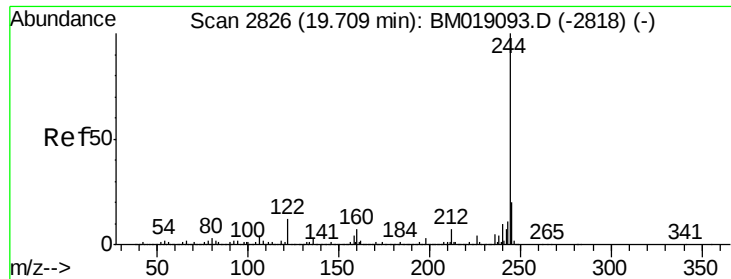
Abundance

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: 85.375 ng

RT: 19.69 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

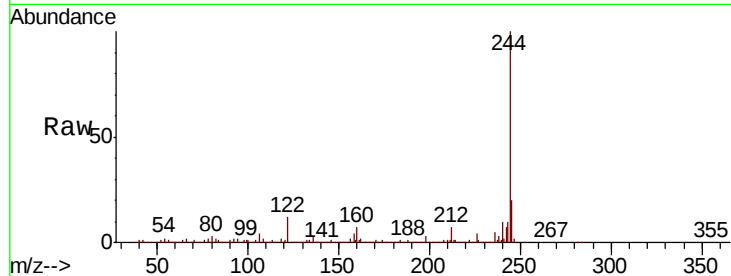
Tot Ion:244 Resp: 3948790

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

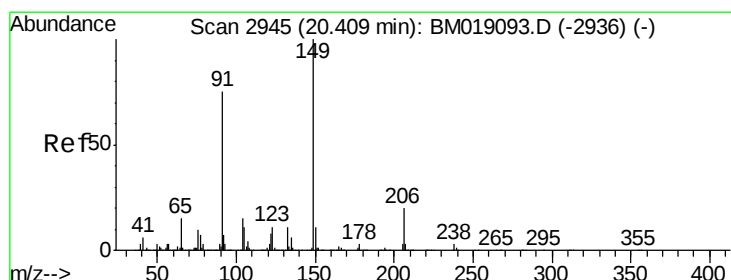
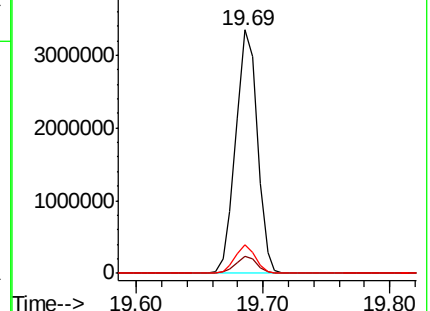
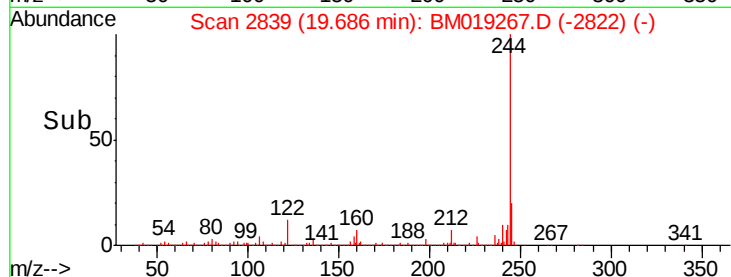
122 11.6 9.6 14.4



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: 55.061 ng

RT: 20.39 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

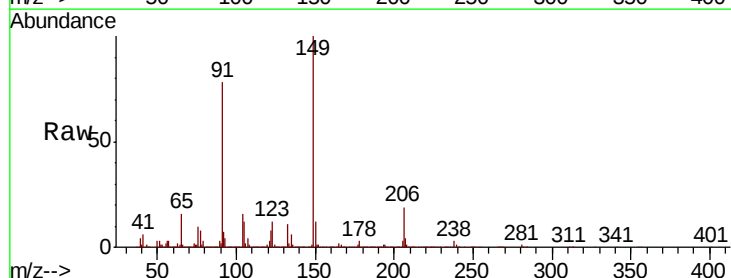
Tgt Ion:149 Resp: 1393258

Ion Ratio Lower Upper

149 100

91 78.0 61.6 92.4

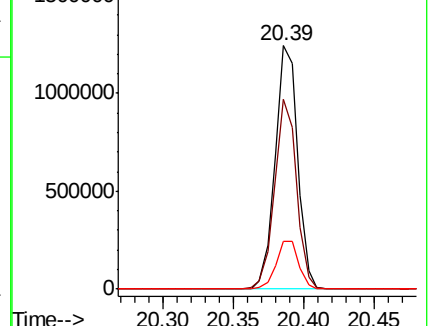
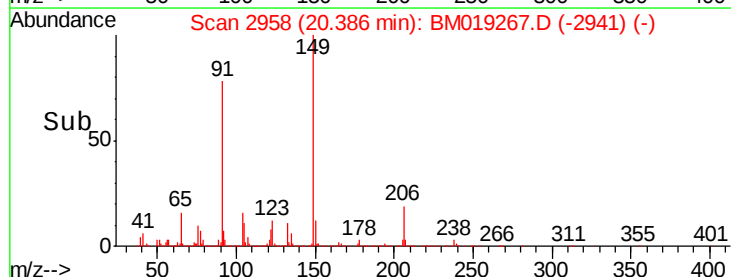
206 19.4 15.9 23.9

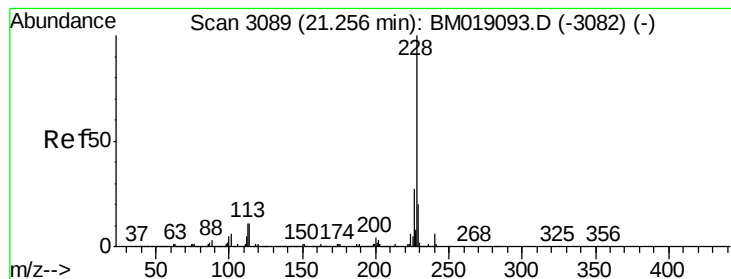


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.471 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

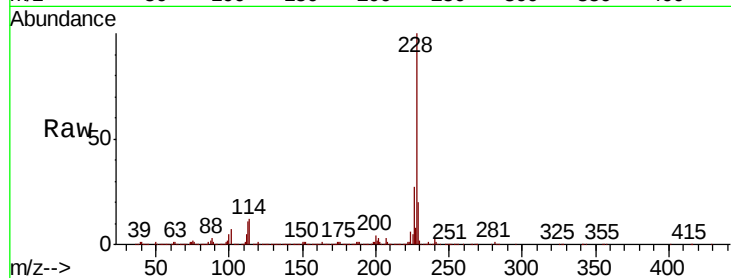
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 2388948

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.7	15.8	23.8

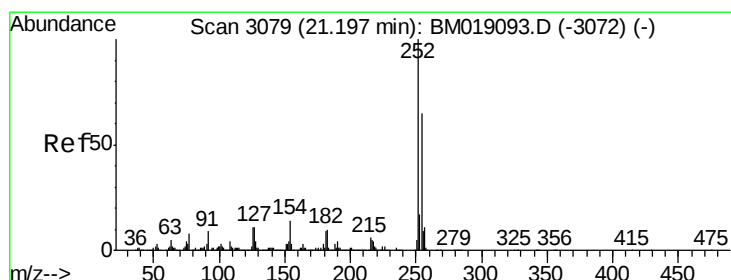
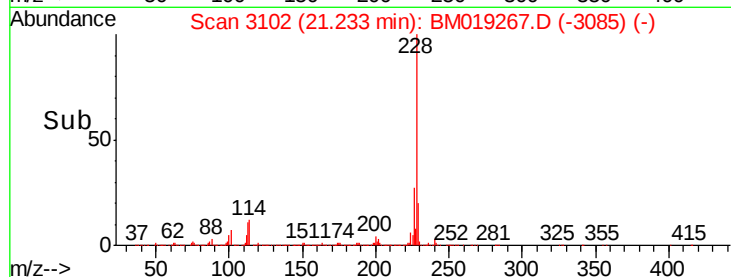
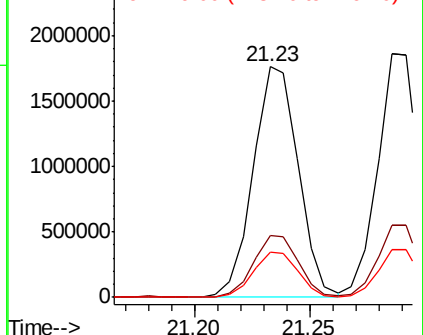


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.998 ng

RT: 21.18 min Scan# 3093

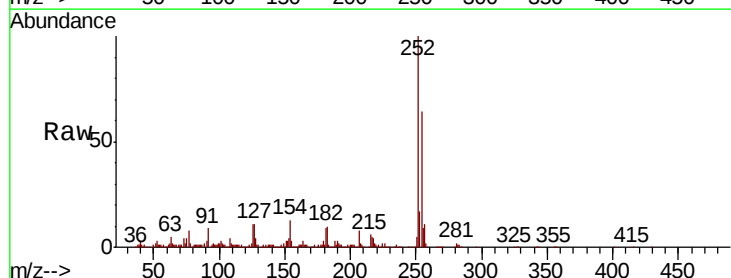
Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion:252 Resp: 687892

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.0	76.4
126	11.2	9.2	13.8

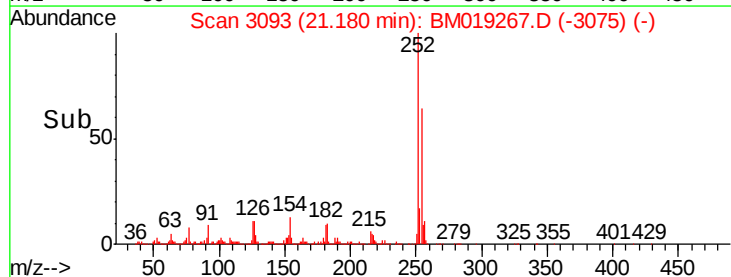
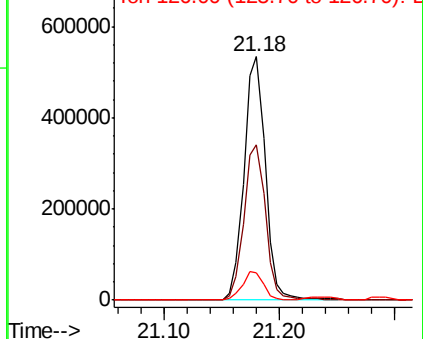


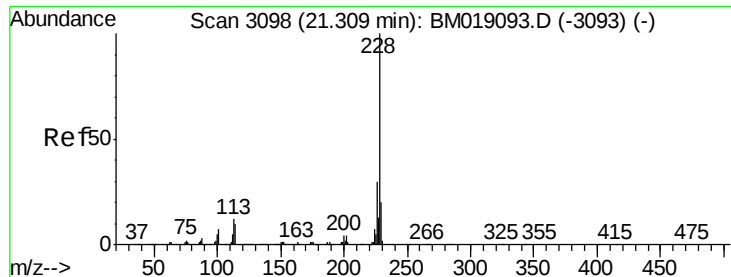
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

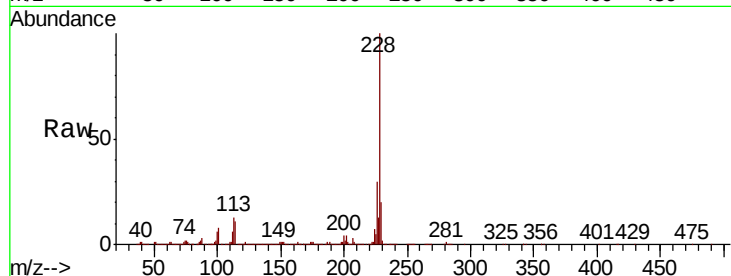




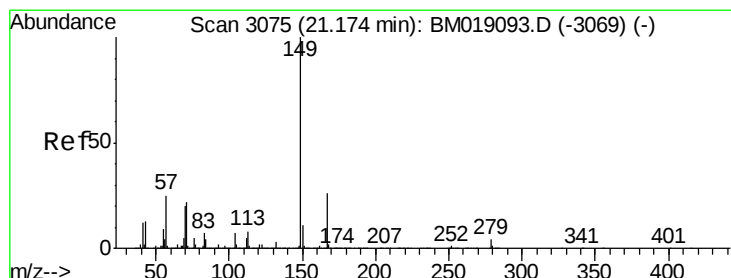
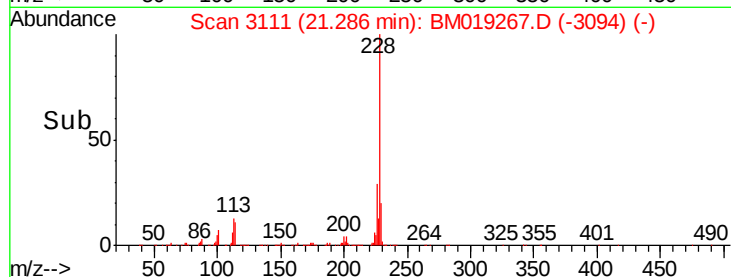
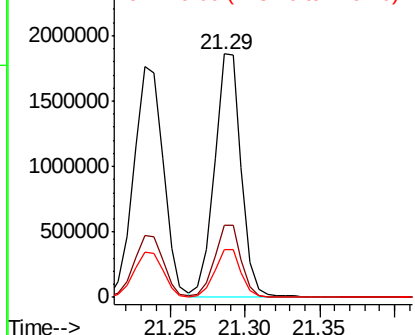
#83
 Chrvsene
 Concen: 41.551 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 2315594
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.9 35.9
 229 19.8 15.8 23.6

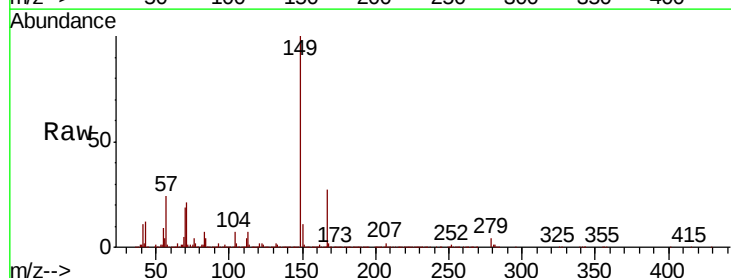


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

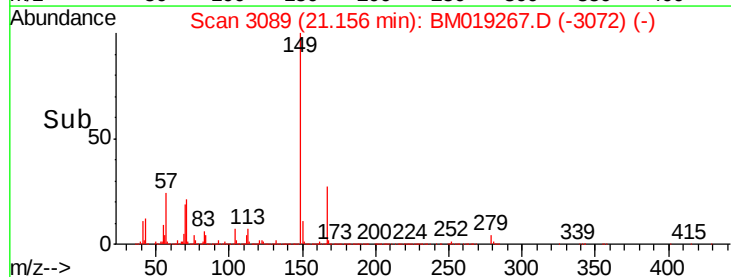
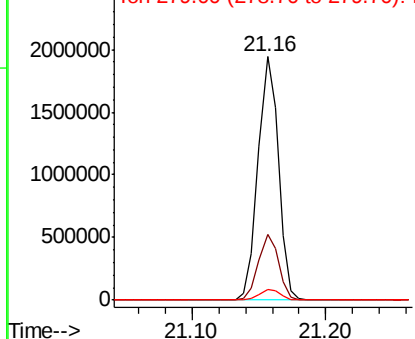


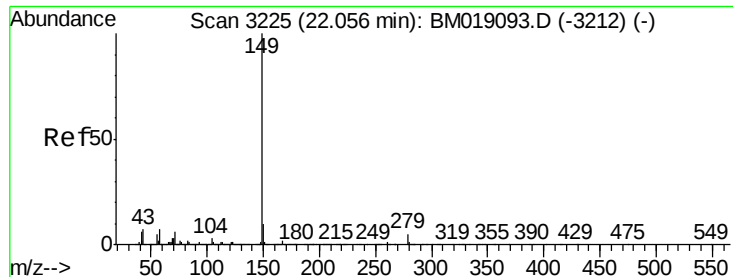
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.032 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM019267.D
 Acq: 20 Mar 2019 18:20

Tgt Ion:149 Resp: 2025900
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.4 32.2
 279 4.2 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: 48.688 ng

RT: 22.03 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

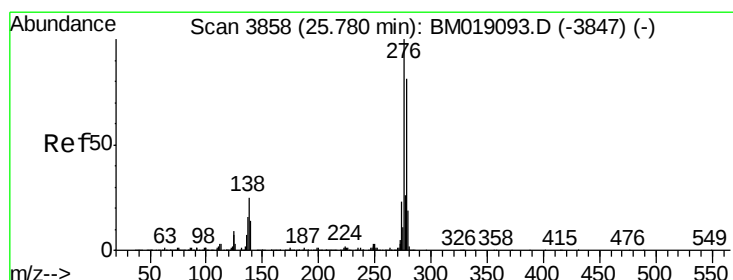
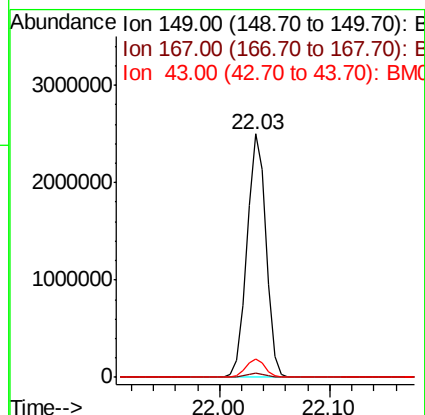
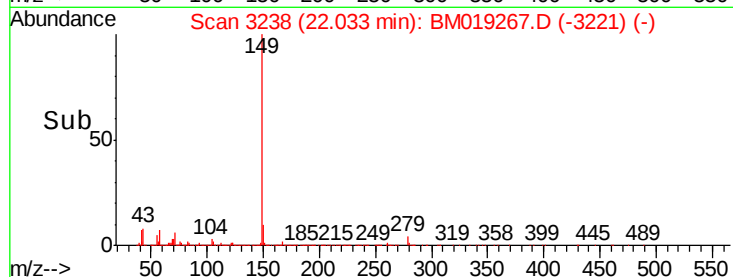
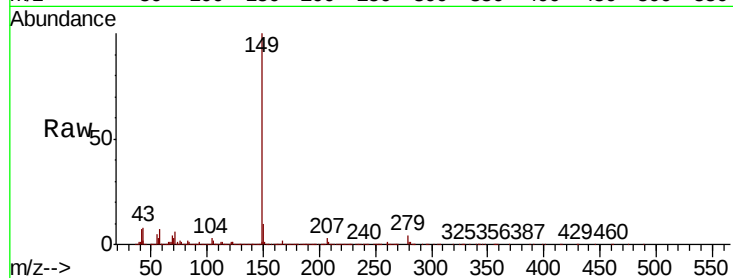
Tot Ion:149 Resp: 3018119

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.0 9.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.455 ng

RT: 25.73 min Scan# 3867

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

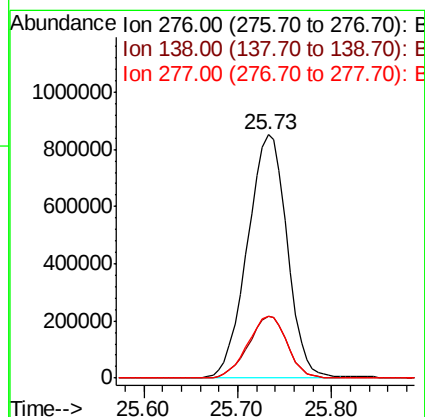
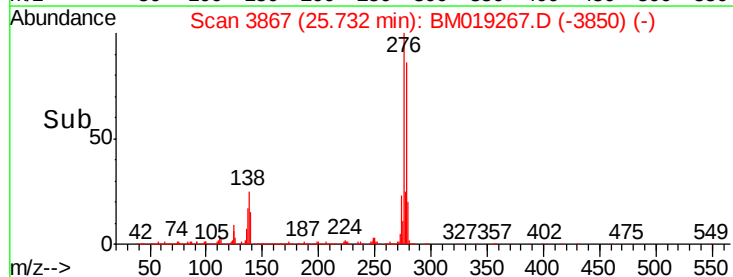
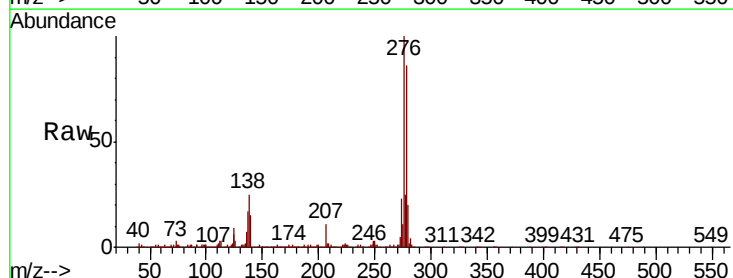
Tgt Ion:276 Resp: 2486921

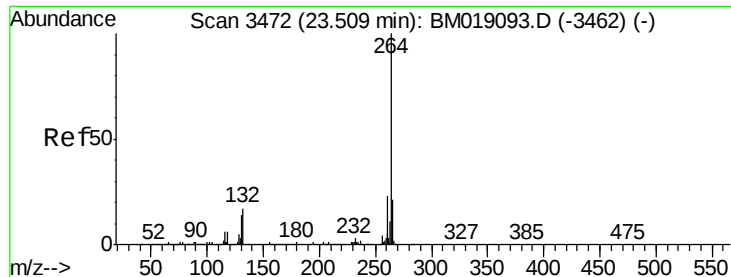
Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

277 25.3 20.2 30.4



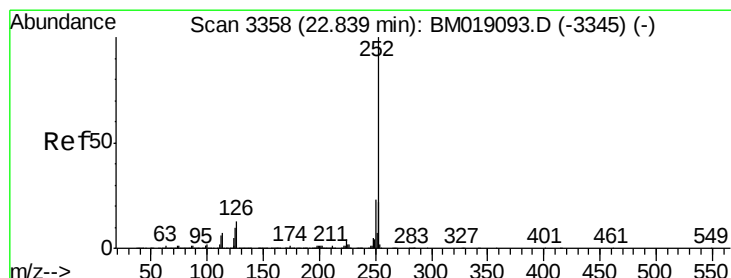
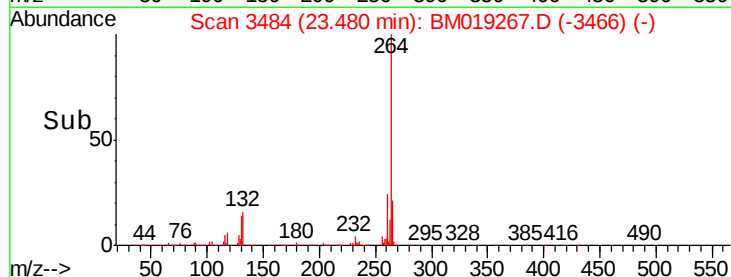
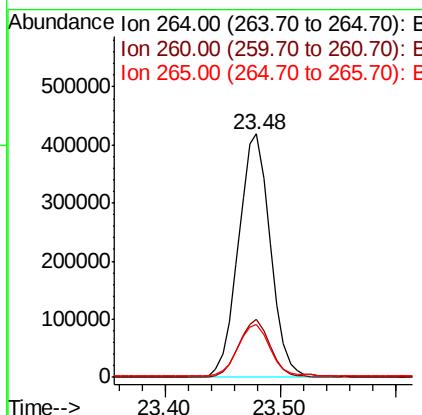
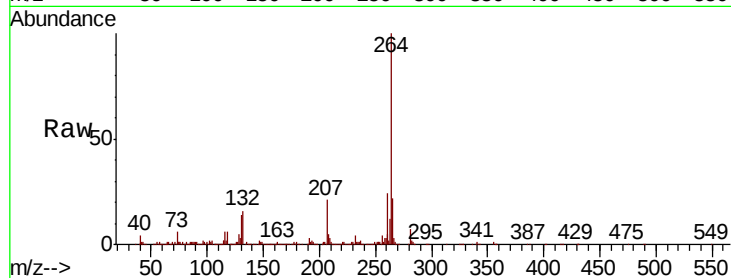


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 806512

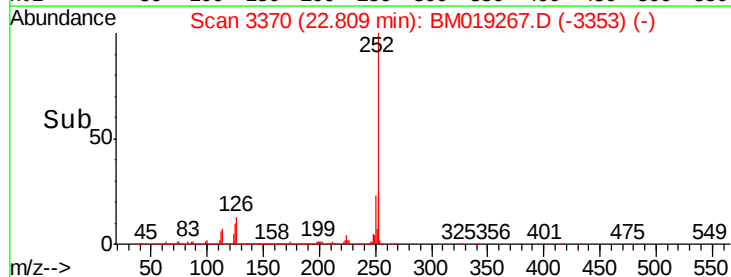
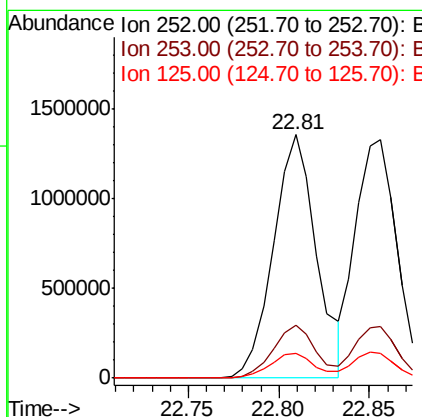
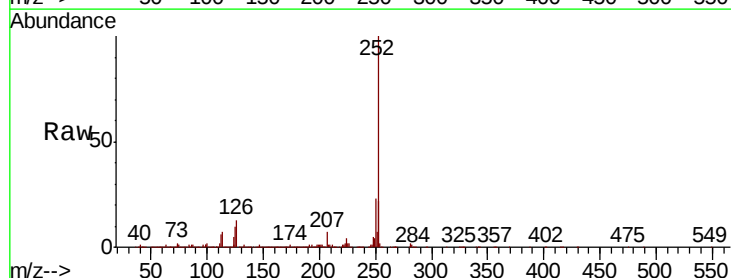
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.9	17.6	26.4

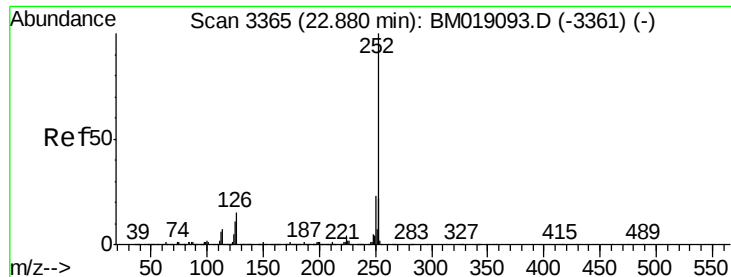


#88
Benzo(b)fluoranthene
Concen: 42.926 ng
RT: 22.81 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM019267.D
Acq: 20 Mar 2019 18:20

Tgt Ion:252 Resp: 2243315

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.2	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 43.650 ng

RT: 22.86 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Instrument :

BNA_M

ClientSampleId :

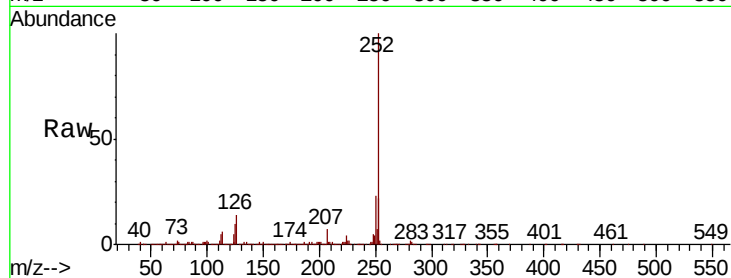
Tot Ion:252 Resp: 2098162

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

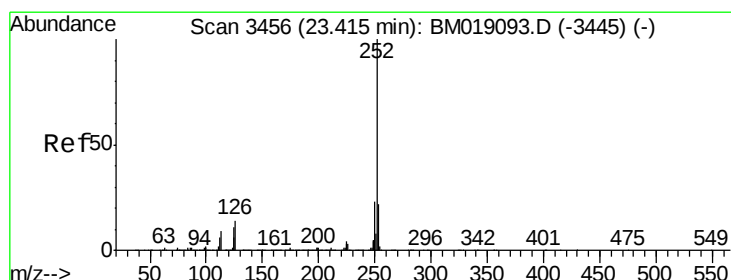
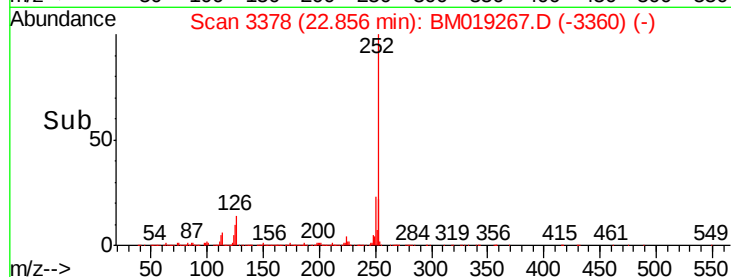
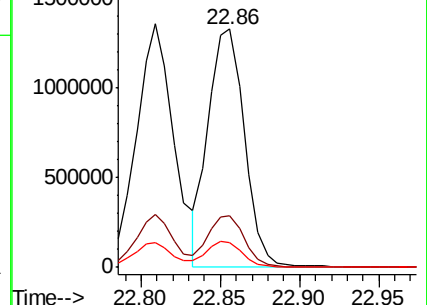
125 10.2 8.6 12.8



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: 43.985 ng

RT: 23.39 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

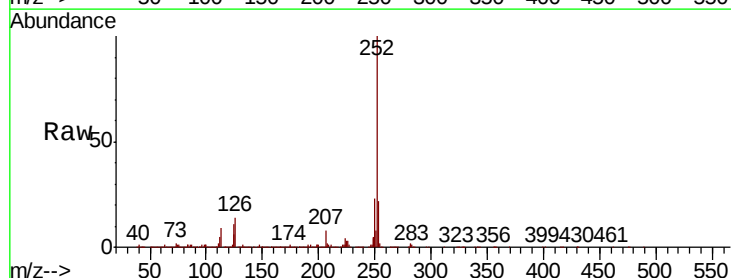
Tgt Ion:252 Resp: 2065738

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

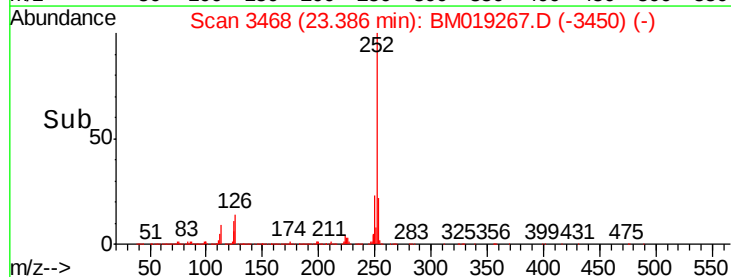
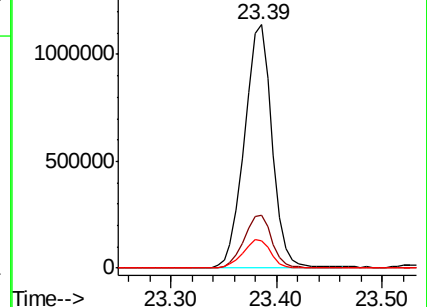
125 11.1 9.2 13.8

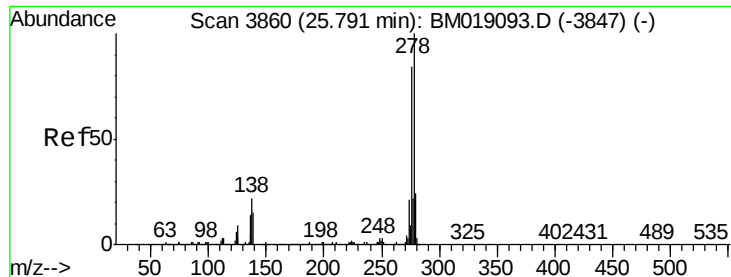


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.358 ng

RT: 25.74 min Scan# 3868

Delta R.T. 0.00 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

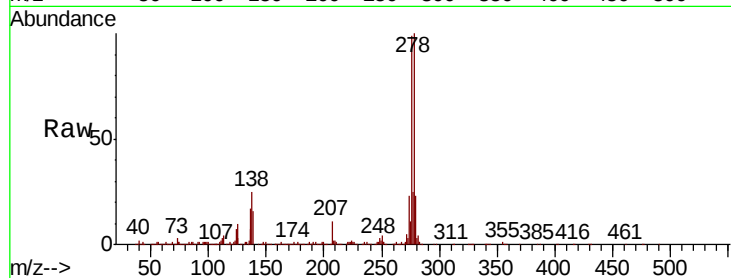
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2127610

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	23.5	18.9	28.3

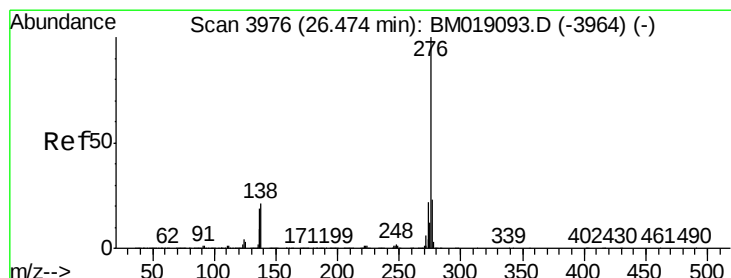
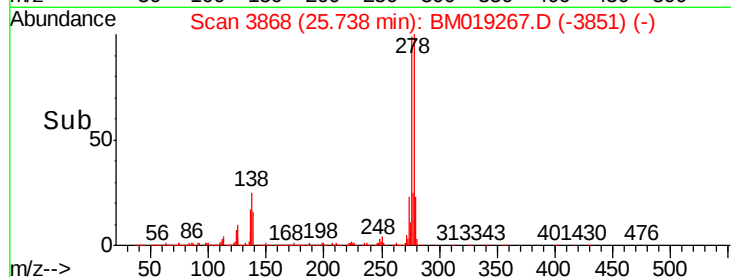
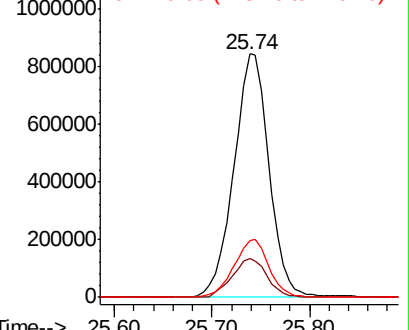


Abundance

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: 49.331 ng

RT: 26.43 min Scan# 3985

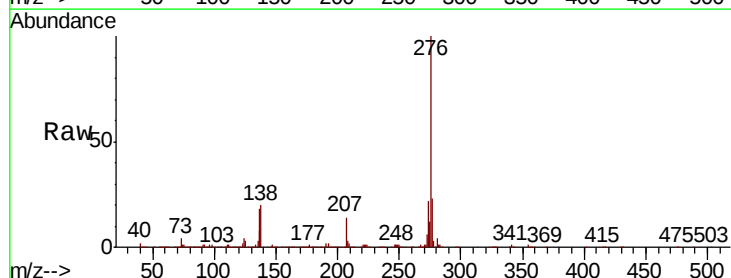
Delta R.T. 0.01 min

Lab File: BM019267.D

Acq: 20 Mar 2019 18:20

Tgt Ion:276 Resp: 2034743

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.6
138	19.7	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

