

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019911.D
 Acq On : 15 Apr 2019 12:27
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 15 14:58:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 14:51:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	121540	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	579088	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	356363	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	782288	20.00	ng	0.00
76) Chrysene-d12	21.18	240	800699	20.00	ng	0.00
87) Perylene-d12	23.38	264	715426	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	598898	79.80	ng	0.00
7) Phenol-d6	6.73	99	900497	82.03	ng	0.00
23) Nitrobenzene-d5	8.70	82	1036688	84.62	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	445208	84.61	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2249207	82.10	ng	0.00
79) Terphenyl-d14	19.61	244	3648751	90.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	128346	38.443	ng	100
3) Pyridine	3.52	79	344014	37.874	ng	100
4) n-Nitrosodimethylamine	3.45	42	119635	42.367	ng	100
6) Aniline	6.88	93	584004	41.206	ng	100
8) 2-Chlorophenol	7.10	128	370296	41.059	ng	100
9) Benzaldehyde	6.70	77	272849	39.515	ng	100
10) Phenol	6.76	94	490351	41.448	ng	100
11) bis(2-Chloroethyl)ether	6.98	93	364941	40.426	ng	100
12) 1,3-Dichlorobenzene	7.42	146	388615	40.718	ng	100
13) 1,4-Dichlorobenzene	7.56	146	394523	40.546	ng	100
14) 1,2-Dichlorobenzene	7.87	146	392263	41.436	ng	100
15) Benzyl Alcohol	7.79	79	412644	45.419	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.06	45	345304	37.461	ng	100
17) 2-Methylphenol	7.99	107	329013	42.677	ng	100
18) Hexachloroethane	8.57	117	155143	42.909	ng	100
19) n-Nitroso-di-n-propylamine	8.35	70	399155	44.321	ng	100
20) 3+4-Methylphenols	8.32	107	449983	43.001	ng	100
22) Acetophenone	8.37	105	627470	39.208	ng	100
24) Nitrobenzene	8.75	77	538941	42.300	ng	100
25) Isophorone	9.26	82	1014973	43.419	ng	100
26) 2-Nitrophenol	9.45	139	230306	43.609	ng	100
27) 2,4-Dimethylphenol	9.51	122	323977	41.264	ng	100
28) bis(2-Chloroethoxy)methane	9.75	93	562966	40.672	ng	100
29) 2,4-Dichlorophenol	9.98	162	369989	42.550	ng	100
30) 1,2,4-Trichlorobenzene	10.17	180	394510	40.236	ng	100
31) Naphthalene	10.36	128	1246050	40.824	ng	100
32) Benzoic acid	9.72	122	257383	38.708	ng	100
33) 4-Chloroaniline	10.50	127	514737	41.140	ng	100
34) Hexachlorobutadiene	10.61	225	231110	41.074	ng	100
35) Caprolactam	11.33	113	127308	41.100	ng	100
36) 4-Chloro-3-methylphenol	11.64	107	457367	42.628	ng	100
37) 2-Methylnaphthalene	11.99	142	897292	40.456	ng	100
38) 1-Methylnaphthalene	12.21	142	888991	40.664	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	431657	38.292	ng	100

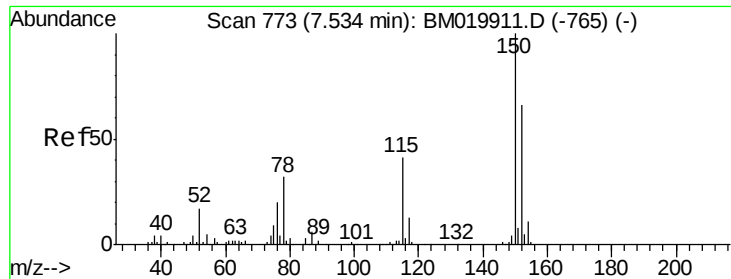
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019911.D
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 QLast Update : Mon Apr 15 14:51:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	115360	22.593	ng	100
43) 2,4,6-Trichlorophenol	12.62	196	293188	40.246	ng	100
44) 2,4,5-Trichlorophenol	12.70	196	308395	39.589	ng	100
46) 1,1'-Biphenyl	13.02	154	1210952	38.910	ng	100
47) 2-Chloronaphthalene	13.06	162	929611	40.017	ng	100
48) 2-Nitroaniline	13.31	65	338623	43.465	ng	100
49) Acenaphthylene	13.92	152	1610664	41.006	ng	100
50) Dimethylphthalate	13.67	163	1235834	40.539	ng	100
51) 2,6-Dinitrotoluene	13.82	165	273053	41.434	ng	100
52) Acenaphthene	14.26	154	888265	39.356	ng	100
53) 3-Nitroaniline	14.15	138	274931	39.390	ng	100
54) 2,4-Dinitrophenol	14.38	184	142115	37.134	ng	100
55) Dibenzofuran	14.60	168	1454727	39.967	ng	100
56) 4-Nitrophenol	14.49	139	195062	34.229	ng	100
57) 2,4-Dinitrotoluene	14.62	165	389998	40.769	ng	100
58) Fluorene	15.26	166	1225128	40.834	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.85	232	276594	38.140	ng	100
60) Diethylphthalate	15.04	149	1288139	41.721	ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	593483	40.729	ng	100
62) 4-Nitroaniline	15.33	138	273706	38.912	ng	100
63) Azobenzene	15.55	77	1385697	42.651	ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	200730	39.157	ng	100
66) n-Nitrosodiphenylamine	15.48	169	1010365	40.568	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	353046	40.925	ng	100
68) Hexachlorobenzene	16.26	284	425053	41.444	ng	100
69) Atrazine	16.44	200	358154	42.720	ng	100
70) Pentachlorophenol	16.62	266	219535	35.528	ng	100
71) Phenanthrene	17.01	178	1825130	39.804	ng	100
72) Anthracene	17.10	178	1815172	40.438	ng	100
73) Carbazole	17.39	167	1704319	40.228	ng	100
74) Di-n-butylphthalate	17.93	149	2242285	43.767	ng	100
75) Fluoranthene	19.04	202	2092592	39.772	ng	100
77) Benzidine	19.24	184	888049	39.107	ng	100
78) Pyrene	19.40	202	2157012	42.577	ng	100
80) Butylbenzylphthalate	20.31	149	1044507	47.336	ng	100
81) Benzo(a)anthracene	21.16	228	2012549	40.064	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	773842	39.989	ng	100
83) Chrysene	21.22	228	1932891	39.774	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1527670	47.588	ng	100
85) Di-n-octyl phthalate	21.94	149	2464471	45.591	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	1896473	36.252	ng	100
88) Benzo(b)fluoranthene	22.72	252	1851295	39.935	ng	100
89) Benzo(k)fluoranthene	22.76	252	1774711	41.622	ng	100
90) Benzo(a)pyrene	23.28	252	1653490	39.690	ng	100
91) Dibenzo(a,h)anthracene	25.60	278	1596082	40.050	ng	100
92) Benzo(g,h,i)perylene	26.27	276	1454468	39.753	ng	100

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

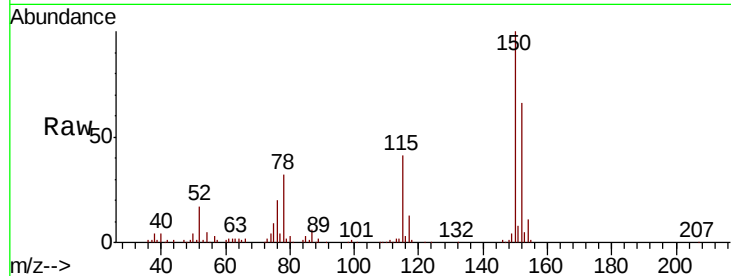


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 773
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.1	183.1
115	62.5	50.0	75.0

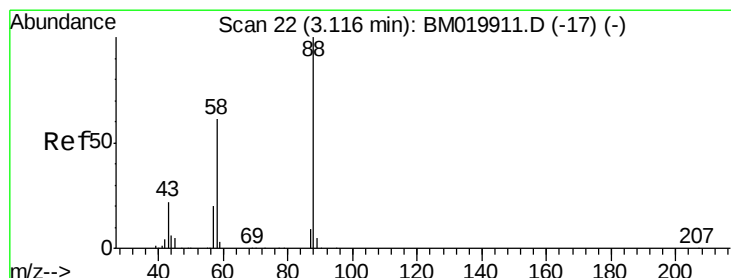
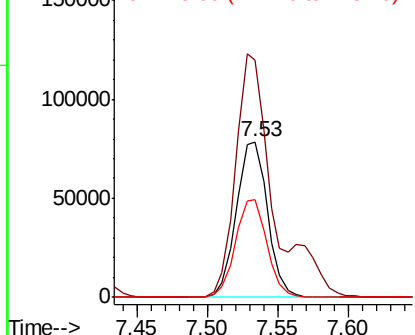
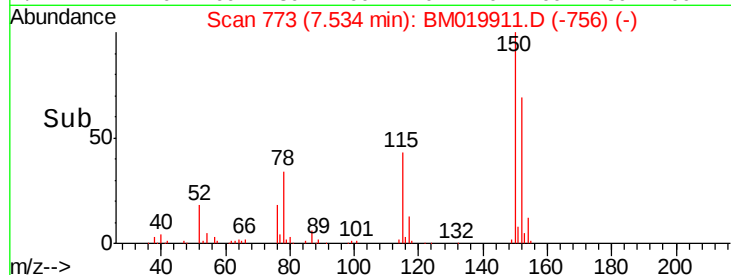


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

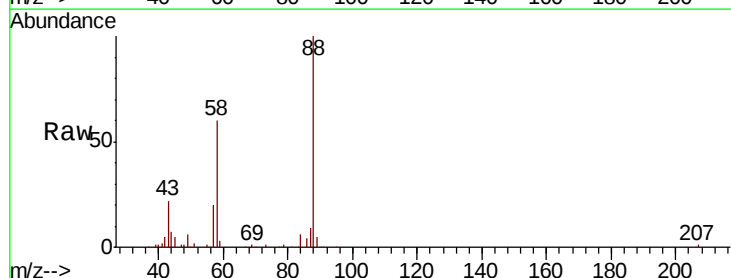
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.443 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	49.6	74.4
43	23.2	18.6	27.8

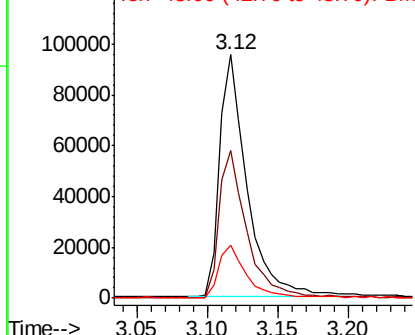
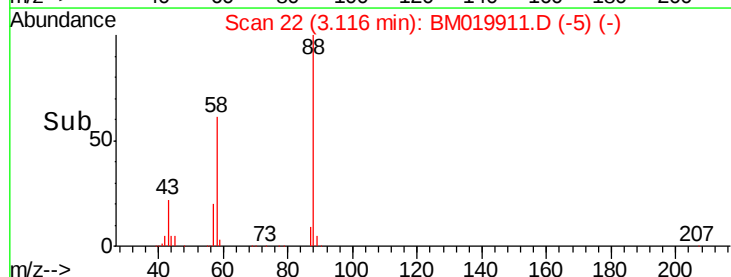


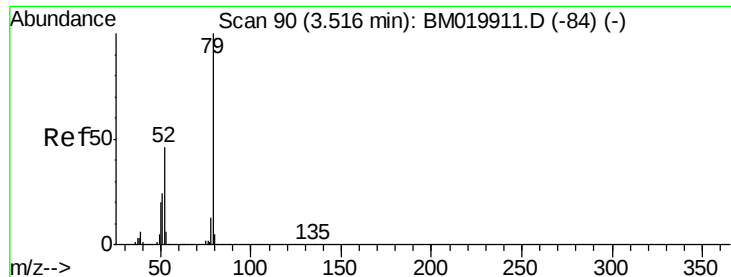
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 37.874 ng

RT: 3.52 min Scan# 90

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

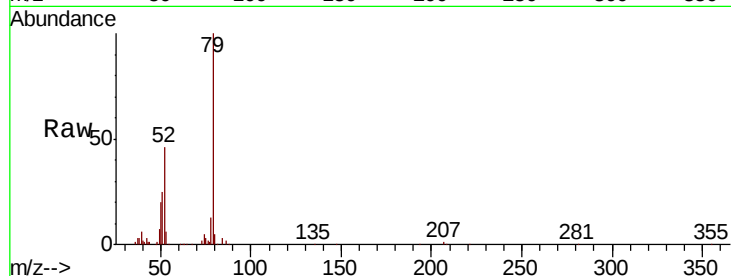
Tot Ion: 79 Resp: 344014

Ion Ratio Lower Upper

79 100

52 46.1 36.9 55.3

51 25.0 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019911.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-84) (-)

3.52

150000

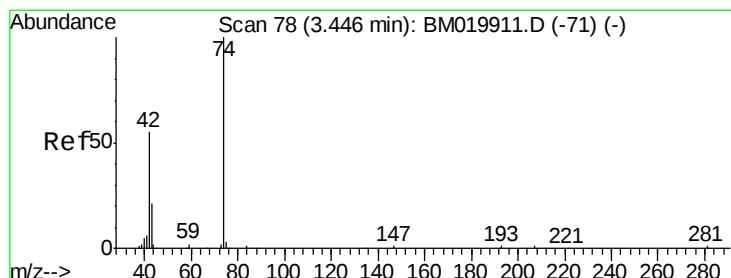
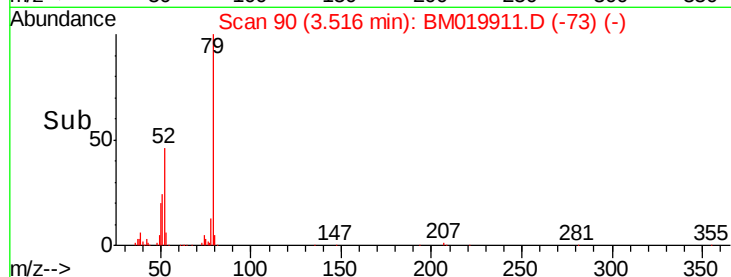
100000

50000

0

3.50 3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 42.367 ng

RT: 3.45 min Scan# 78

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

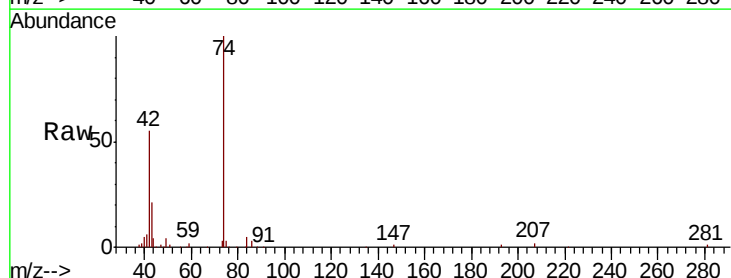
Tgt Ion: 42 Resp: 119635

Ion Ratio Lower Upper

42 100

74 180.8 144.6 217.0

44 6.8 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM019911.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM019911.D (-71) (-)

3.45

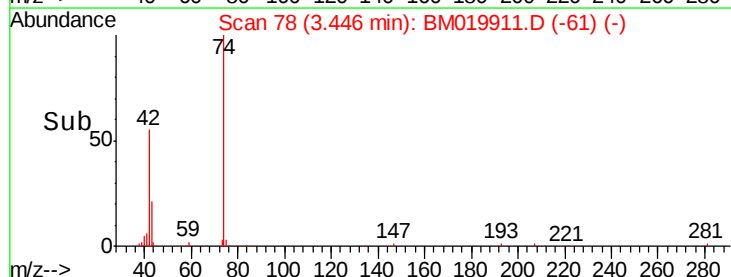
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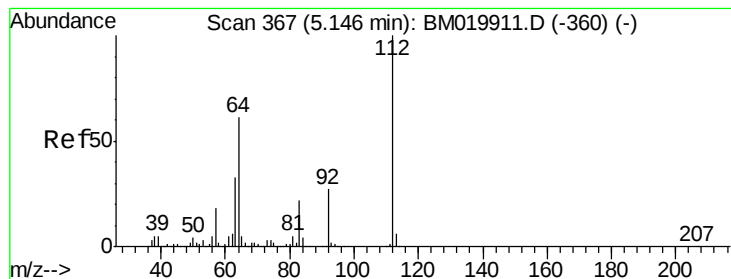
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0

3.30 3.40 3.50 3.60

Time-->

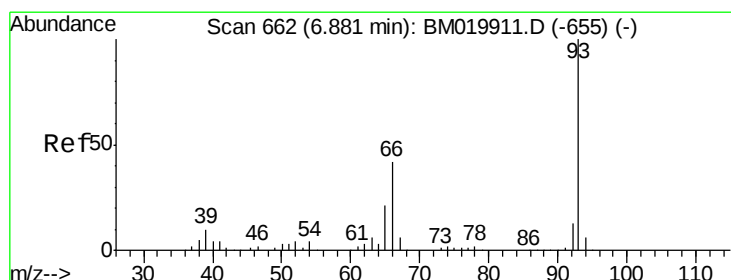
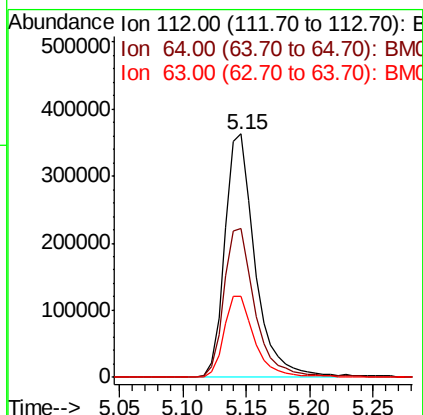
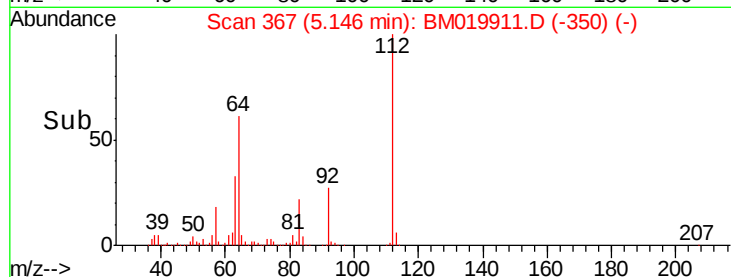
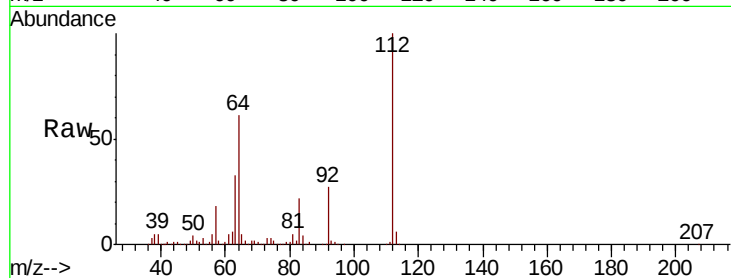




#5
2-Fluorophenol
Concen: 79.801 ng
RT: 5.15 min Scan# 367
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

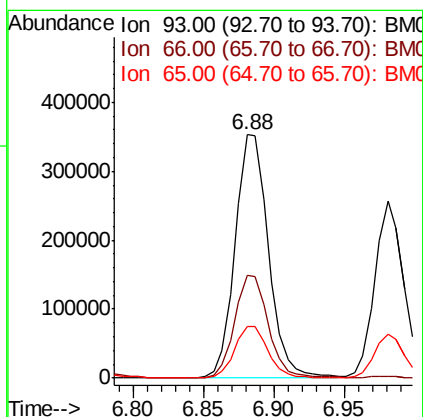
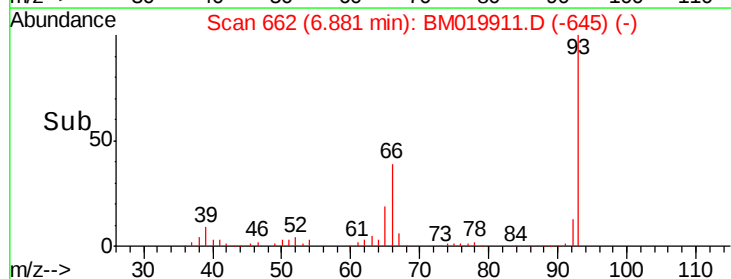
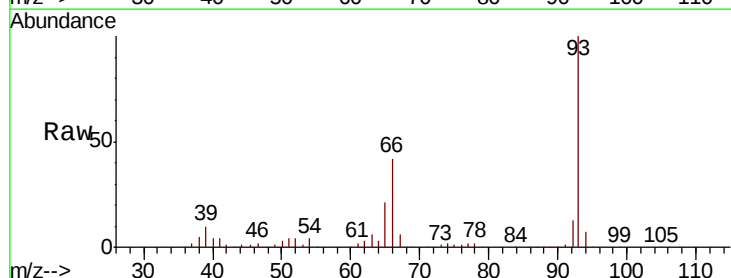
Instrument :
BNA_M
ClientSampleId :

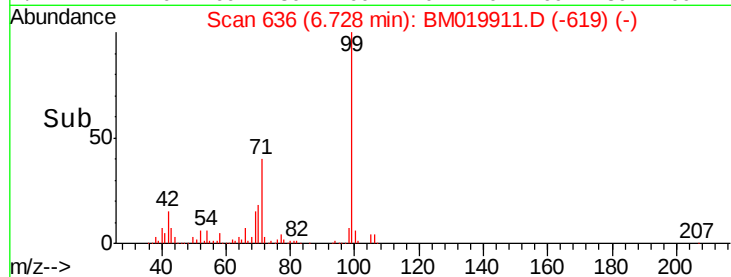
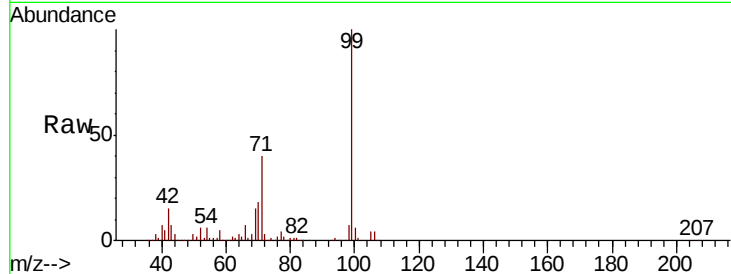
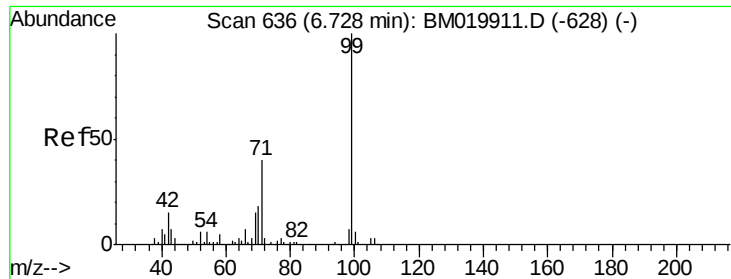
Tot Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.1	73.7
63	33.1	26.5	39.7



#6
Aniline
Concen: 41.206 ng
RT: 6.88 min Scan# 662
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.4	33.9	50.9
65	21.3	17.0	25.6





#7

Phenol-d6

Concen: 82.031 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

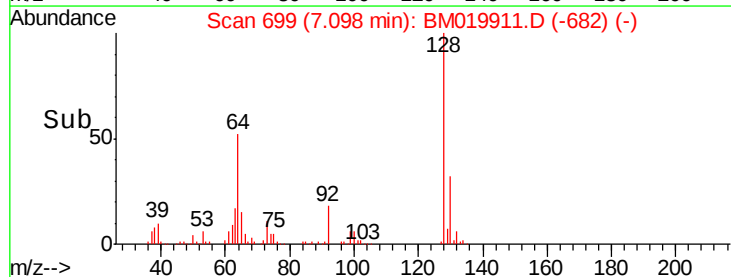
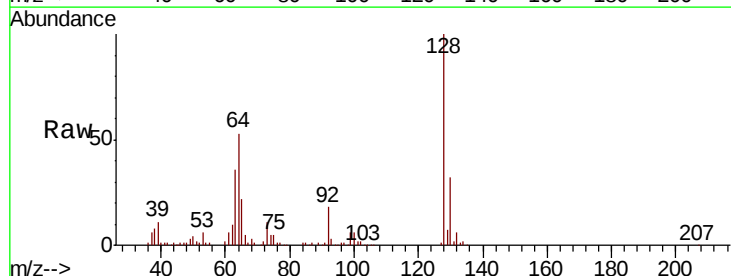
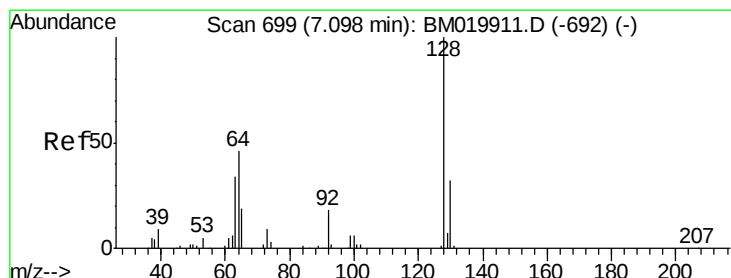
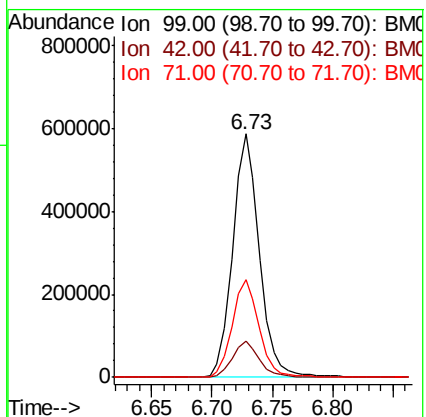
Tot Ion: 99 Resp: 900497

Ion Ratio Lower Upper

99 100

42 14.8 11.8 17.8

71 40.0 32.0 48.0



#8

2-Chlorophenol

Concen: 41.059 ng

RT: 7.10 min Scan# 699

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

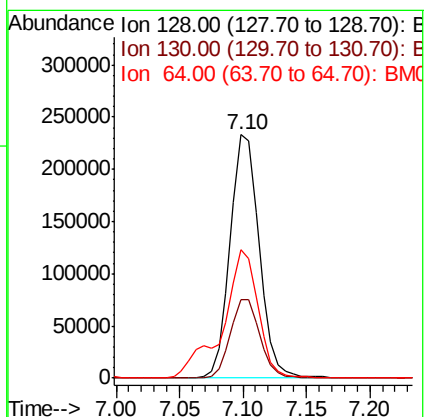
Tgt Ion: 128 Resp: 370296

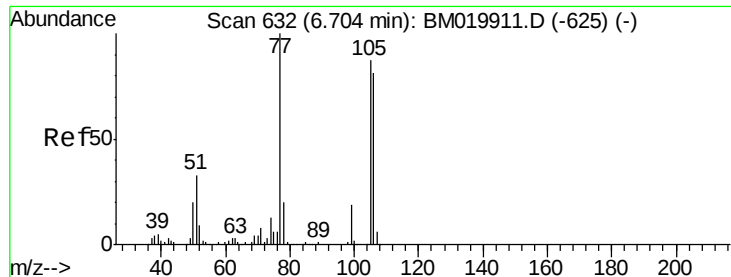
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 53.0 33.0 73.0





#9

Benzaldehyde

Concen: 39.515 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

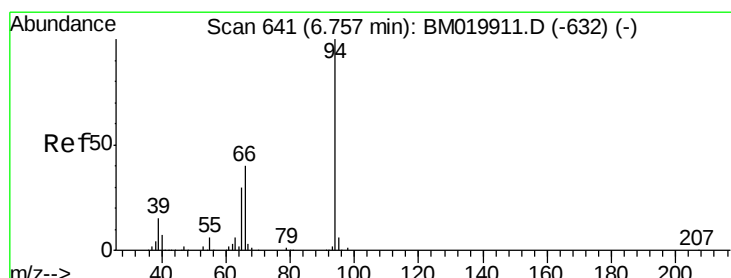
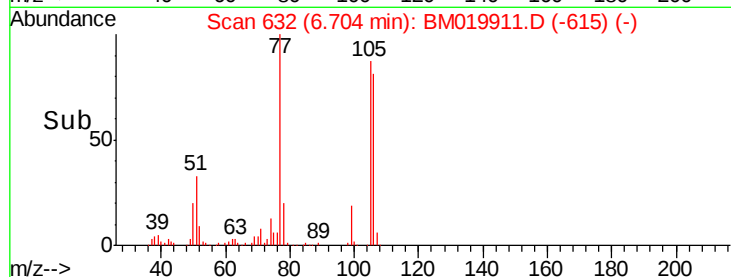
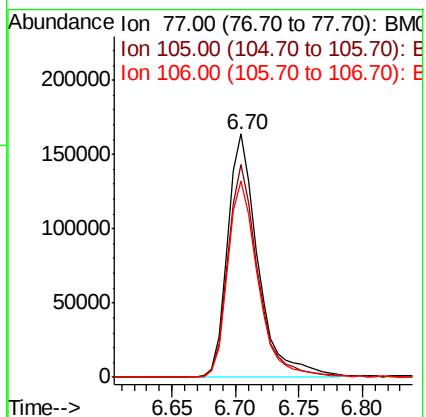
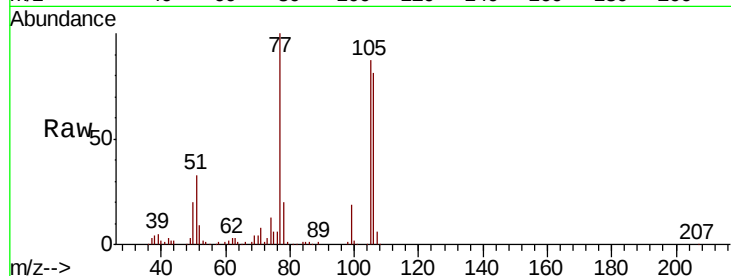
Tot Ion: 77 Resp: 272849

Ion Ratio Lower Upper

77 100

105 87.3 67.3 107.3

106 80.6 60.6 100.6



#10

Phenol

Concen: 41.448 ng

RT: 6.76 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

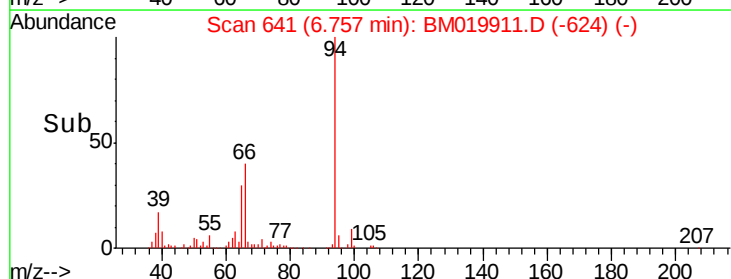
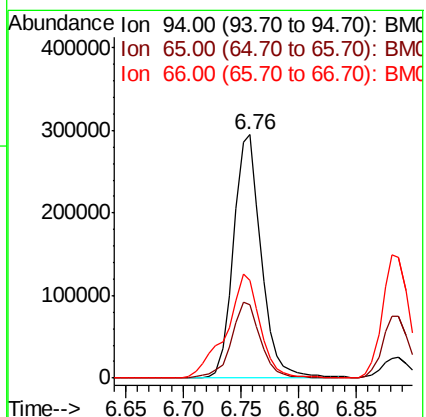
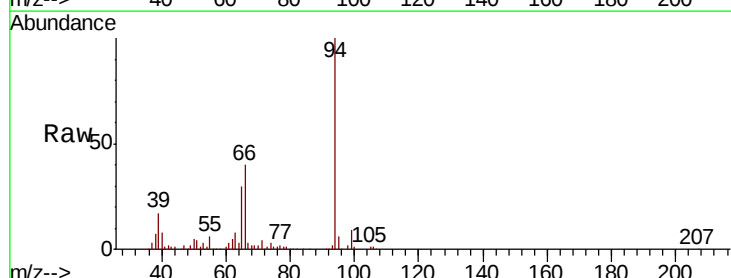
Tgt Ion: 94 Resp: 490351

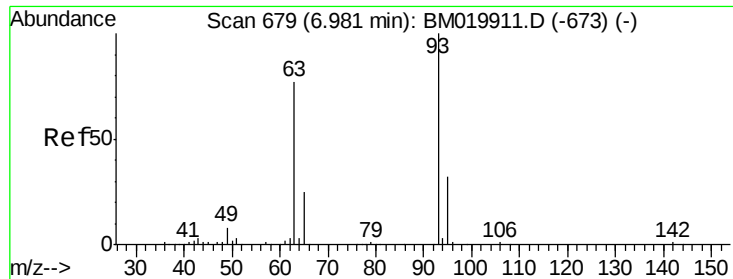
Ion Ratio Lower Upper

94 100

65 30.0 10.0 50.0

66 40.2 20.2 60.2

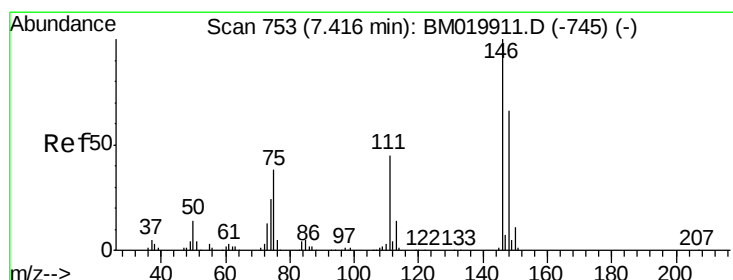
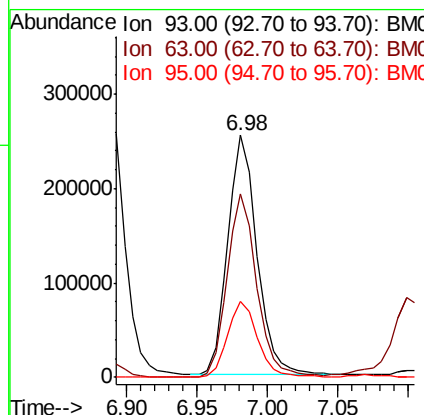
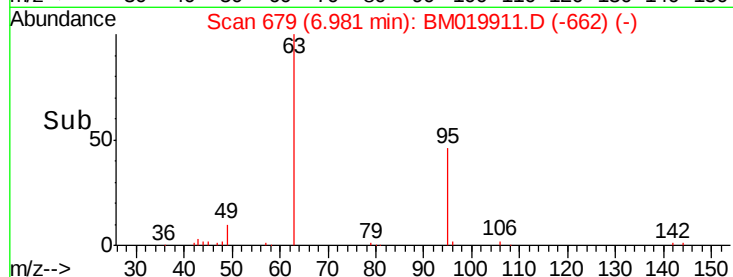
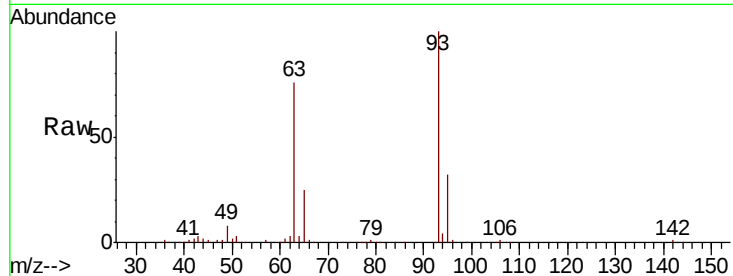




#11
bis(2-Chloroethyl)ether
Concen: 40.426 ng
RT: 6.98 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

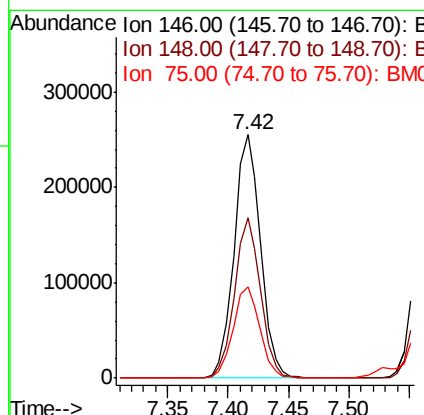
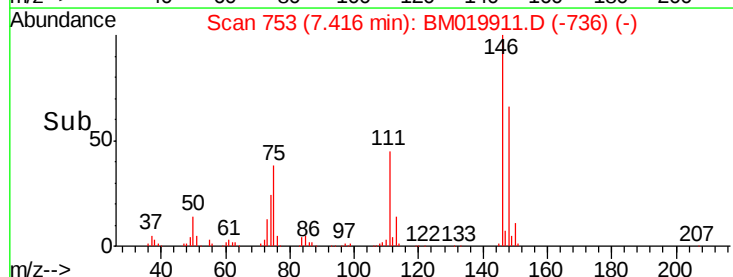
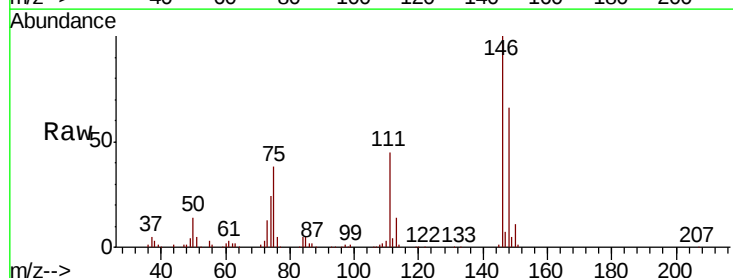
Instrument :
BNA_M
ClientSampleId :

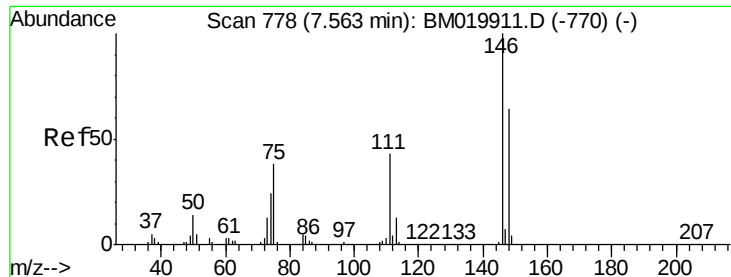
Tot Ion: 93 Resp: 364941
Ion Ratio Lower Upper
93 100
63 75.8 55.8 95.8
95 31.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.718 ng
RT: 7.42 min Scan# 753
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion: 146 Resp: 388615
Ion Ratio Lower Upper
146 100
148 65.7 52.6 78.8
75 37.5 30.0 45.0

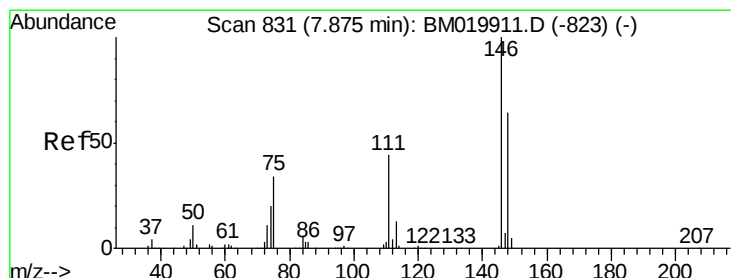
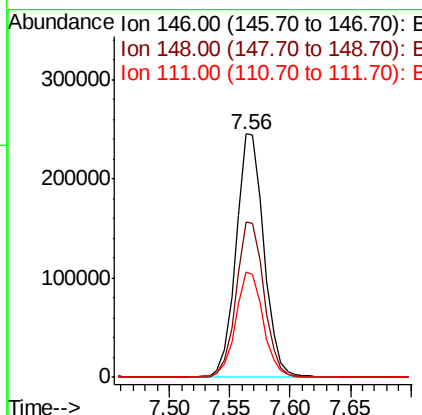
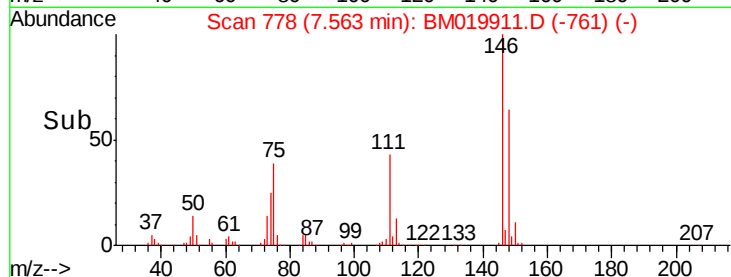
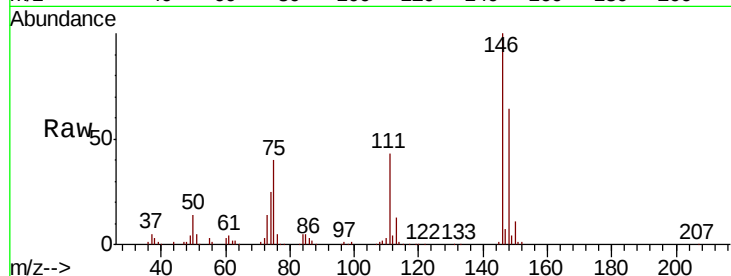




#13
 1,4-Dichlorobenzene
 Concen: 40.546 ng
 RT: 7.56 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

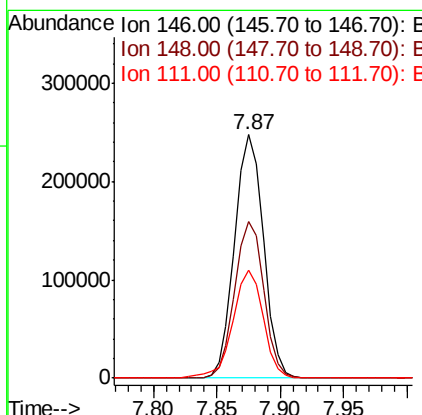
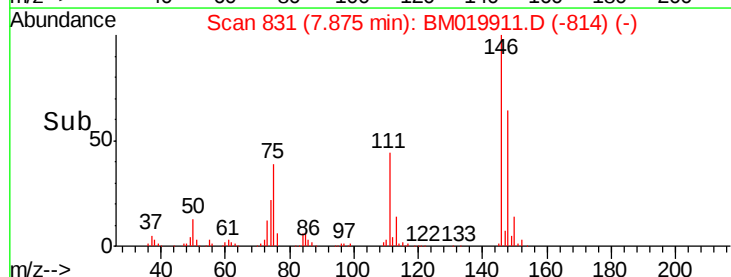
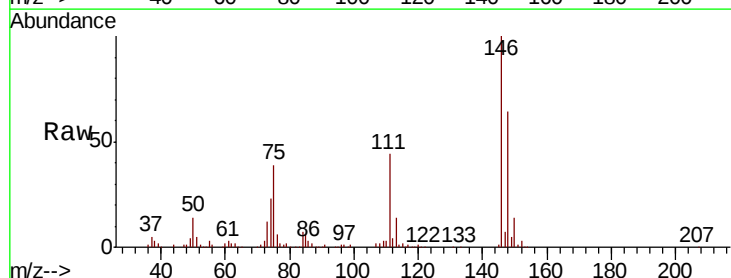
Instrument :
 BNA_M
 ClientSampleId :

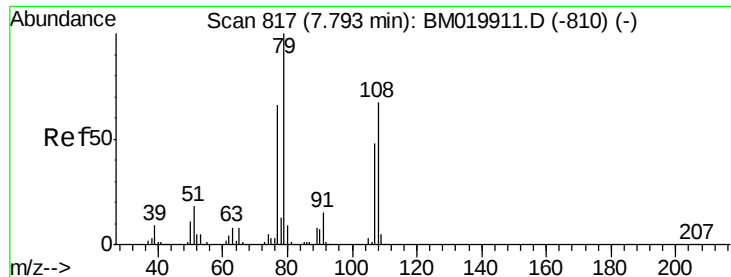
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	43.2	34.6	51.8



#14
 1,2-Dichlorobenzene
 Concen: 41.436 ng
 RT: 7.87 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	44.2	35.4	53.0





#15

Benzyl Alcohol

Concen: 45.419 ng

RT: 7.79 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampled :

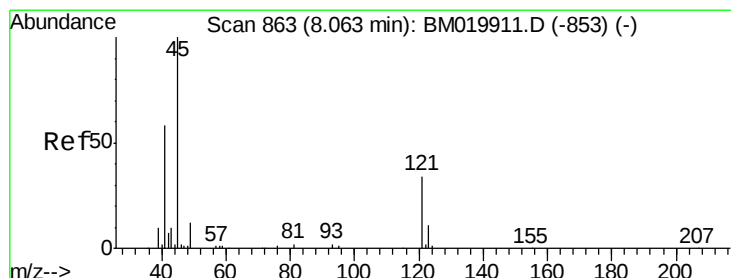
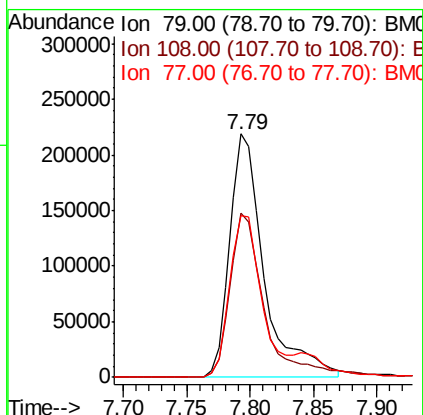
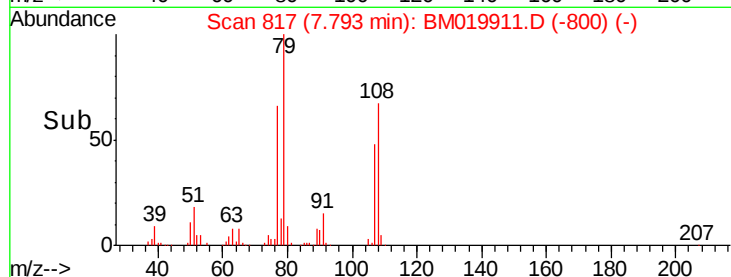
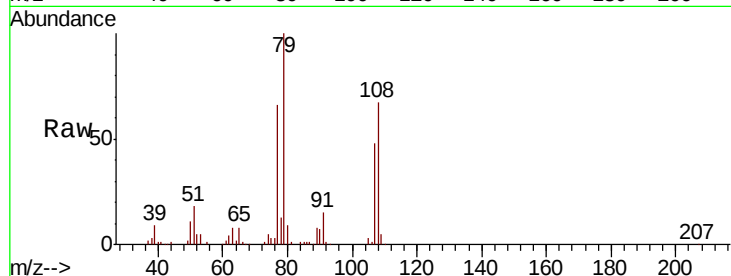
Tot Ion: 79 Resp: 412644

Ion Ratio Lower Upper

79 100

108 67.4 53.9 80.9

77 66.4 53.1 79.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.461 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

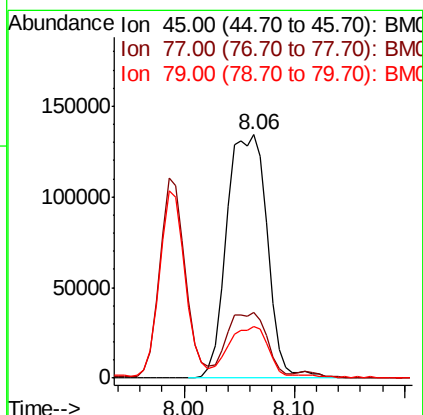
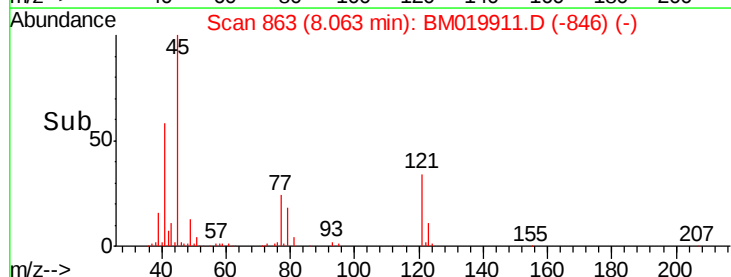
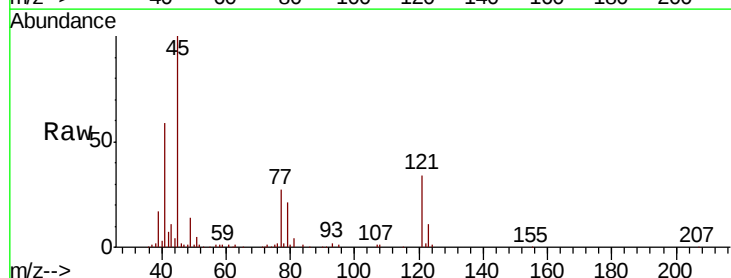
Tgt Ion: 45 Resp: 345304

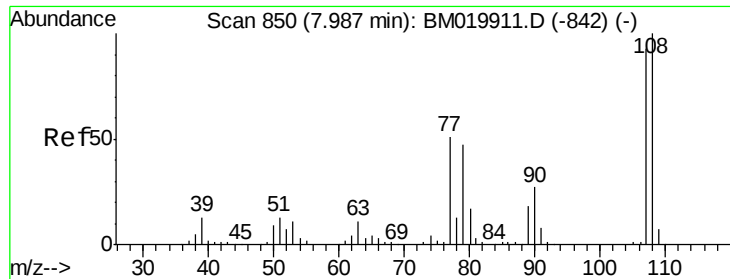
Ion Ratio Lower Upper

45 100

77 27.2 7.2 47.2

79 21.2 1.2 41.2

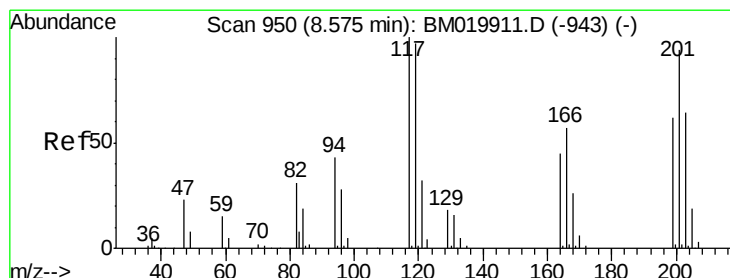
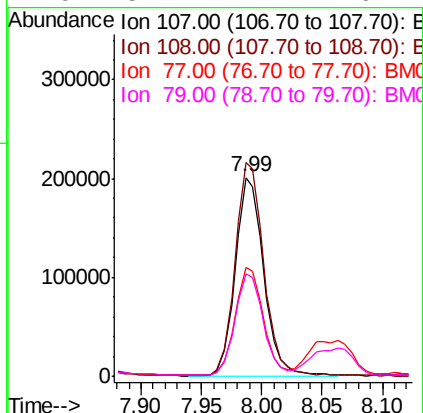
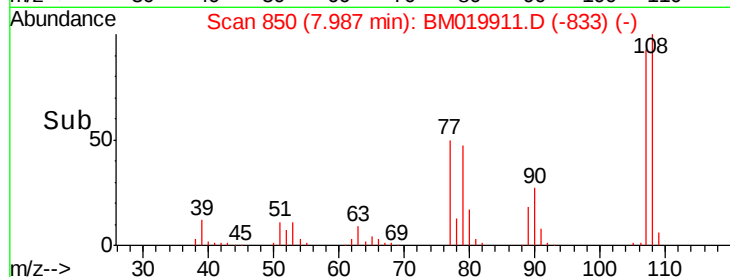
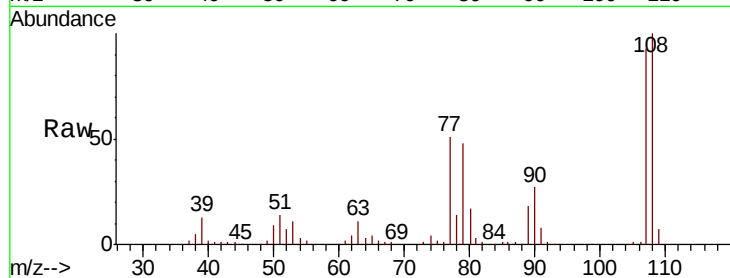




#17
2-Methylphenol
Concen: 42.677 ng
RT: 7.99 min Scan# 850
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

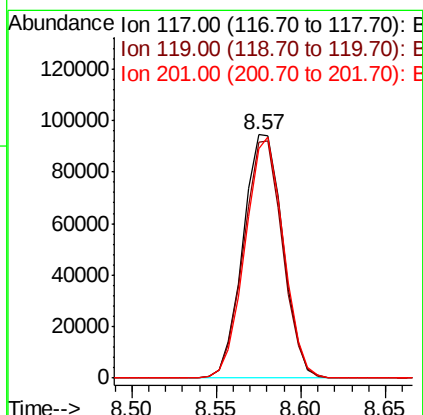
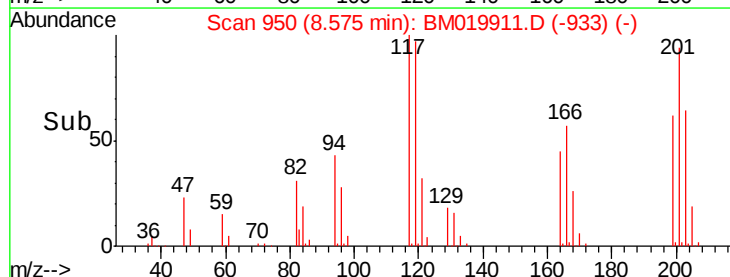
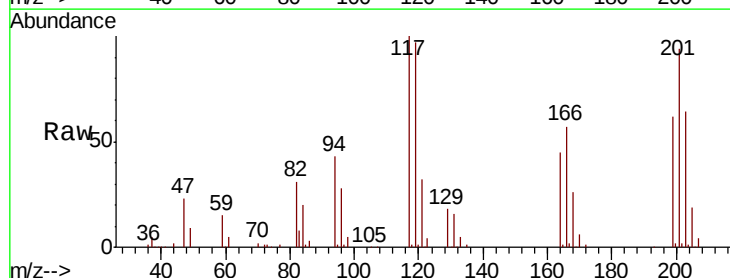
Instrument :
BNA_M
ClientSampleId :

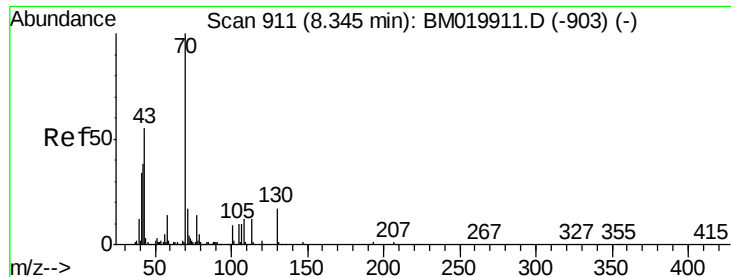
Tot Ion:	107	Resp:	329013
Ion	Ratio	Lower	Upper
107	100		
108	107.4	85.9	128.9
77	54.7	43.8	65.6
79	51.4	41.1	61.7



#18
Hexachloroethane
Concen: 42.909 ng
RT: 8.57 min Scan# 950
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:	117	Resp:	155143
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.6	116.4
201	94.3	75.4	113.2

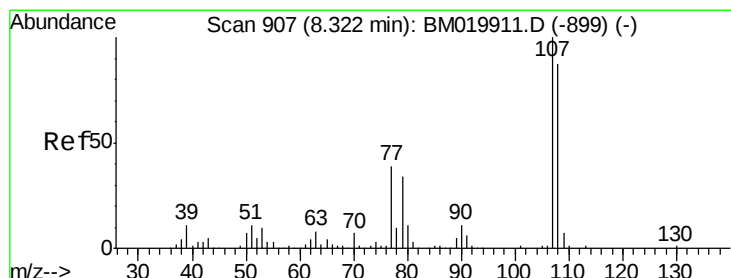
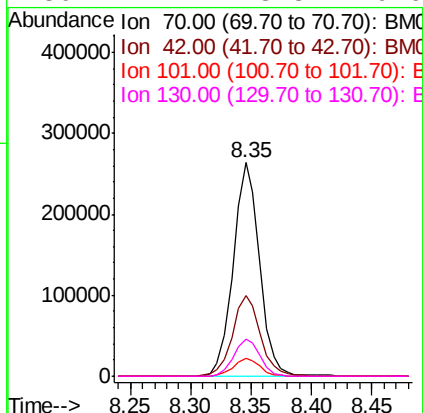
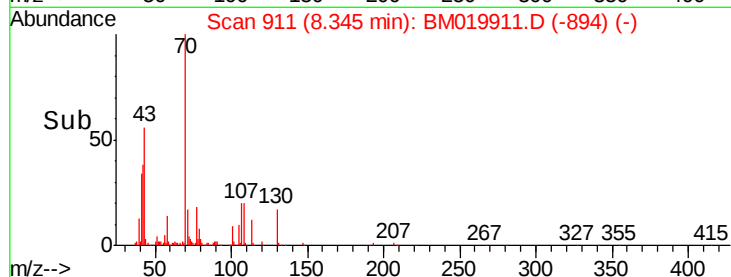
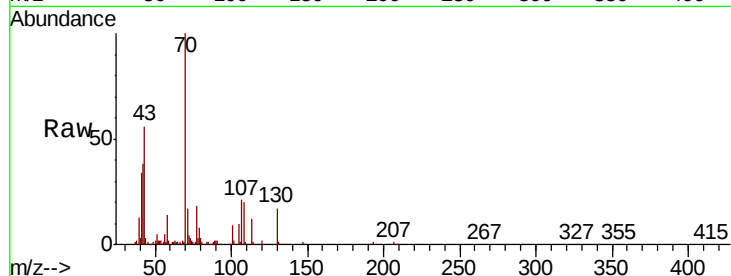




#19
n-Nitroso-di-n-propylamine
Concen: 44.321 ng
RT: 8.35 min Scan# 911
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

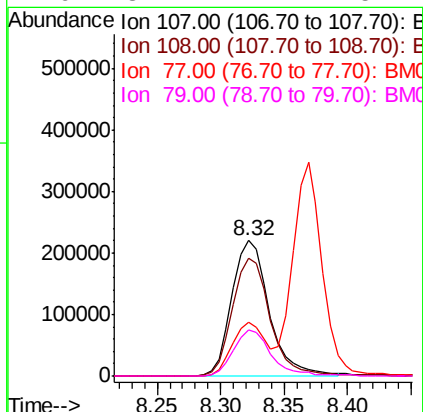
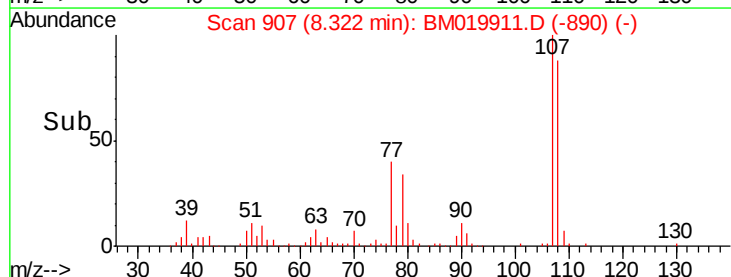
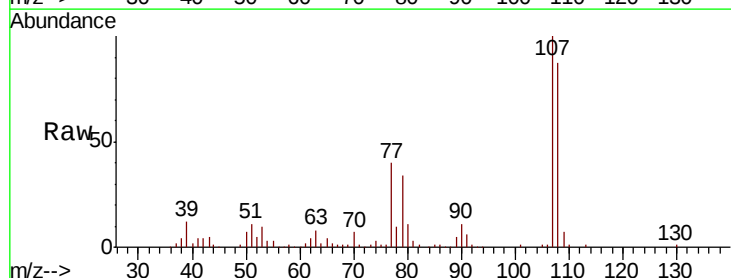
Instrument :
BNA_M
ClientSampleId :

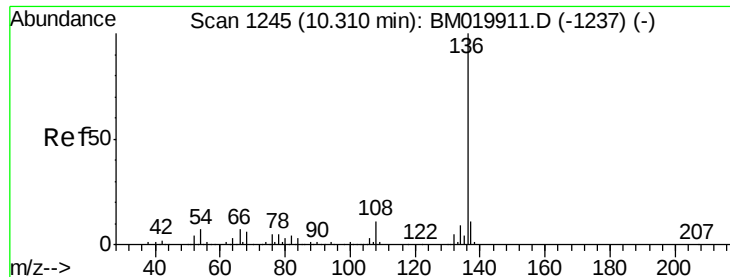
Tot Ion:	70	Resp:	399155
Ion	Ratio	Lower	Upper
70	100		
42	37.9	30.3	45.5
101	8.6	6.9	10.3
130	17.2	13.8	20.6



#20
3+4-Methylphenols
Concen: 43.001 ng
RT: 8.32 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:	107	Resp:	449983
Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.4	107.4
77	39.7	19.7	59.7
79	34.1	14.1	54.1

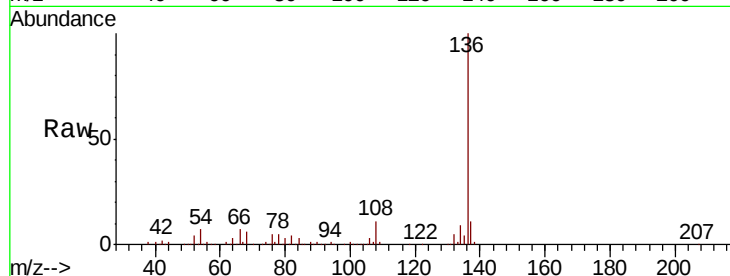




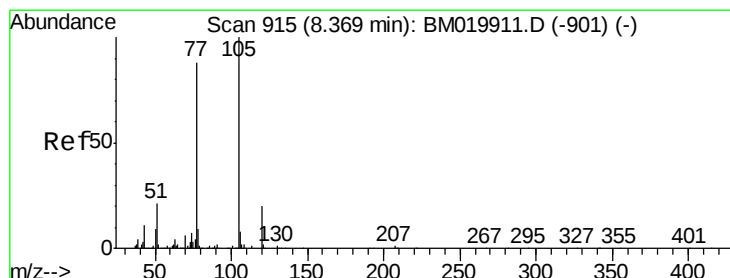
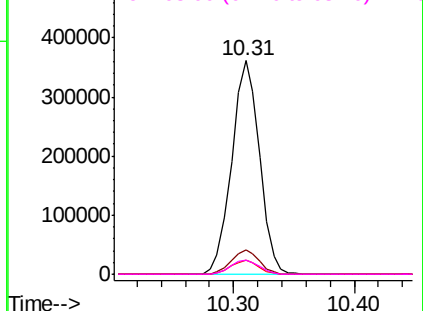
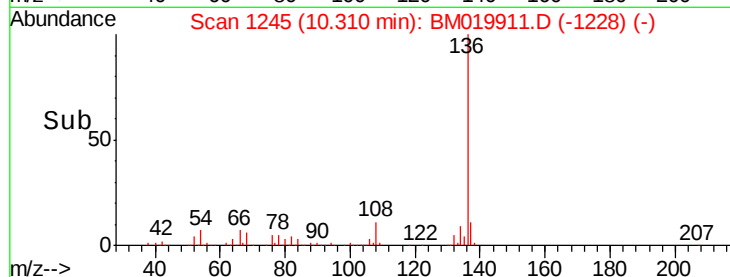
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 579088
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.6
54 6.6	5.3 7.9
68 6.5	5.2 7.8

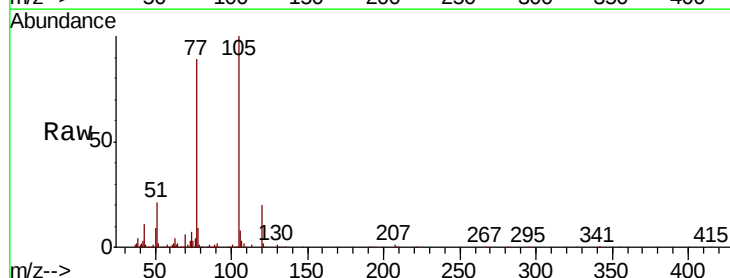


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

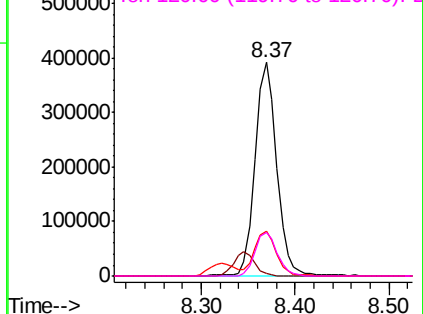
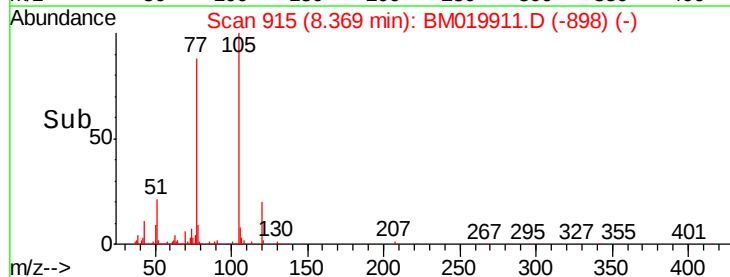


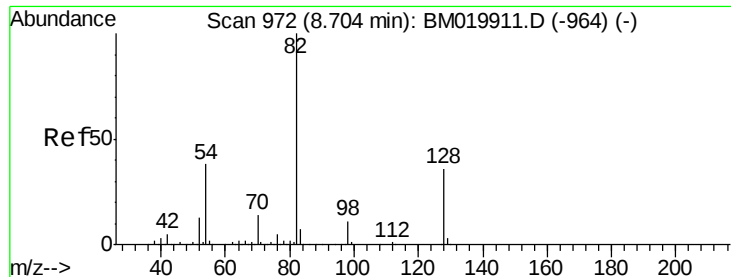
#22
Acetophenone
Concen: 39.208 ng
RT: 8.37 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt	Ion:105	Resp:	627470
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.8	1.2
51	21.1	16.9	25.3
120	20.5	16.4	24.6



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

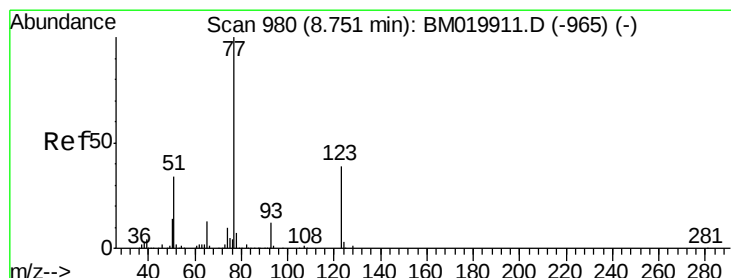
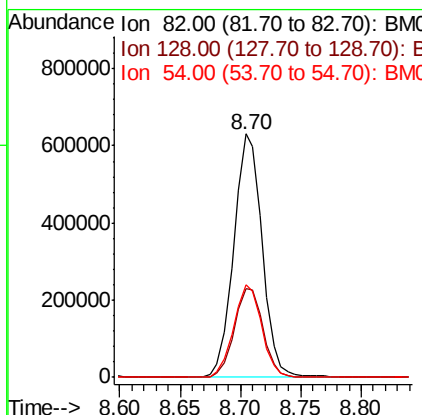
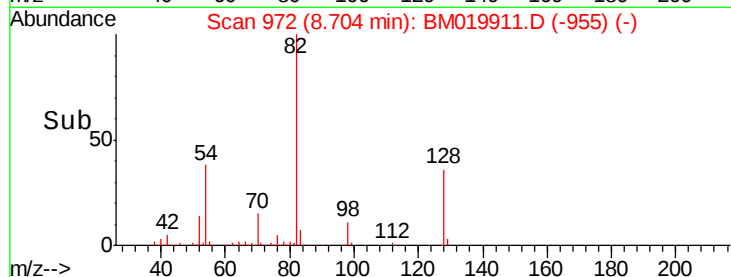
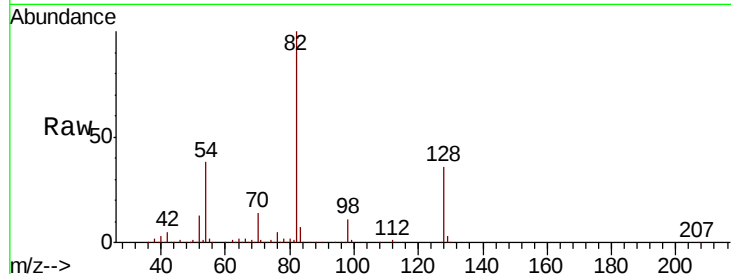




#23
 Nitrobenzene-d5
 Concen: 84.623 ng
 RT: 8.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

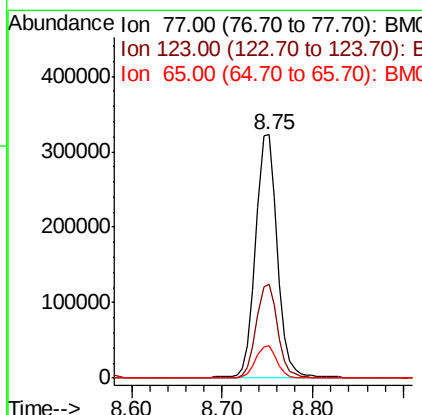
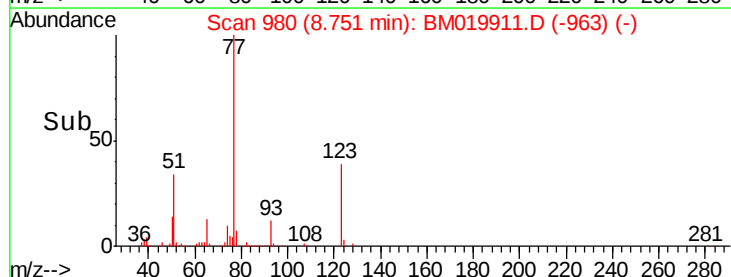
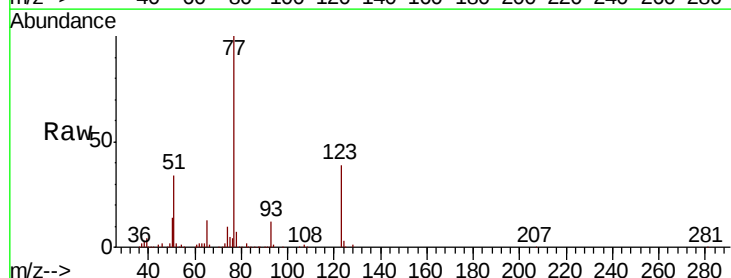
Instrument :
 BNA_M
 ClientSampleId :

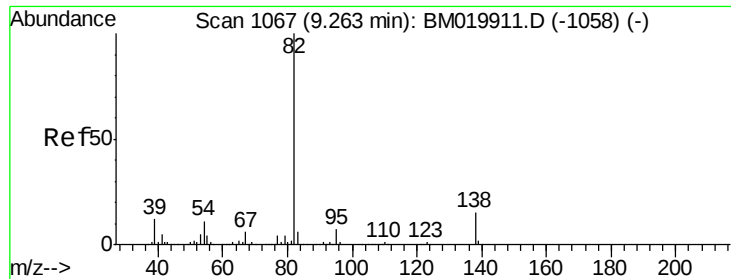
Tot Ion: 82 Resp: 1036688
 Ion Ratio Lower Upper
 82 100
 128 36.2 29.0 43.4
 54 37.8 30.2 45.4



#24
 Nitrobenzene
 Concen: 42.300 ng
 RT: 8.75 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion: 77 Resp: 538941
 Ion Ratio Lower Upper
 77 100
 123 38.7 31.0 46.4
 65 13.3 10.6 16.0





#25

Isophorone

Concen: 43.419 ng

RT: 9.26 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

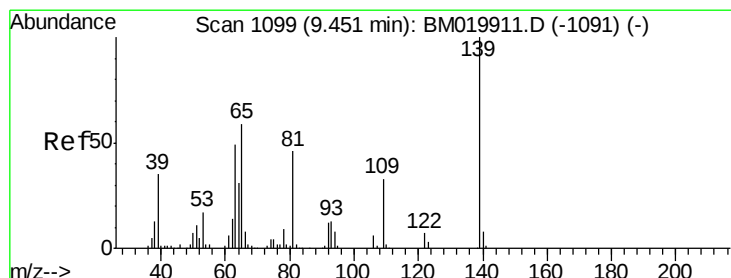
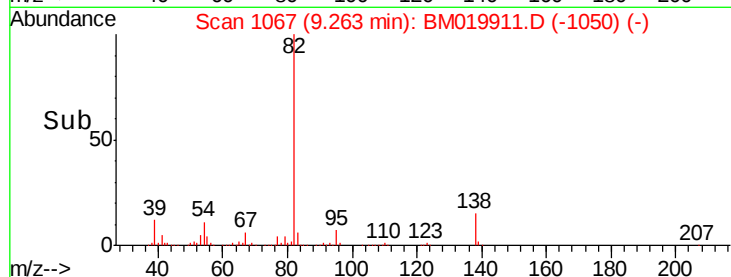
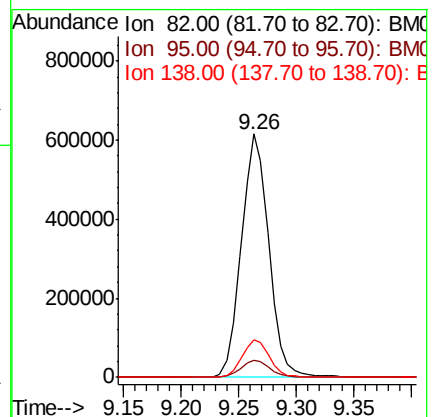
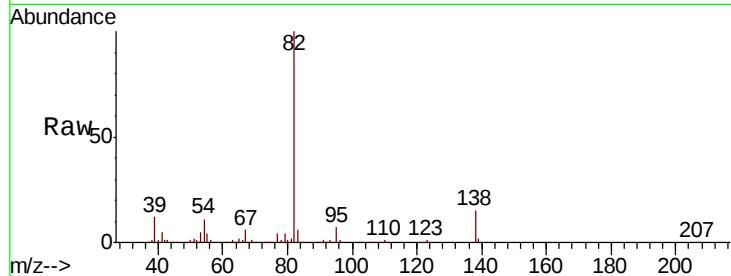
Tot Ion: 82 Resp: 1014973

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 15.2 12.2 18.2



#26

2-Nitrophenol

Concen: 43.609 ng

RT: 9.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

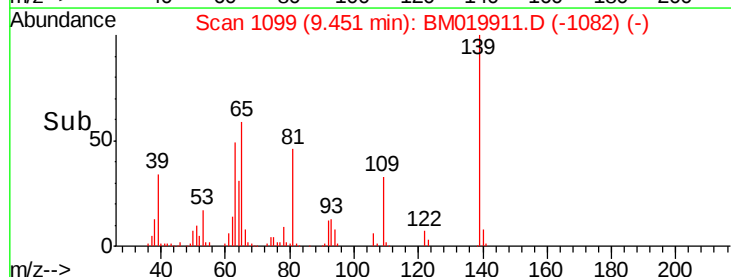
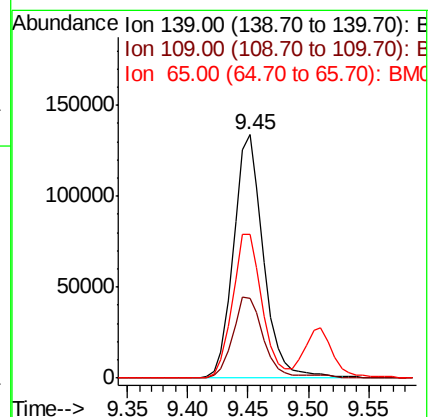
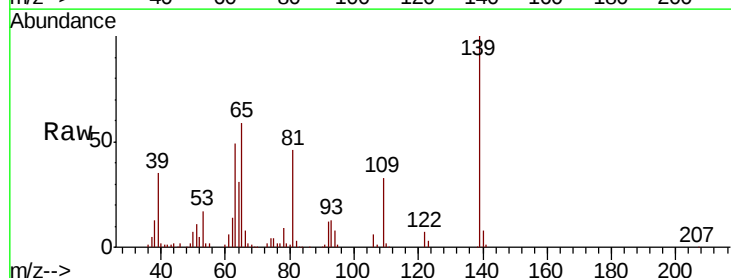
Tgt Ion: 139 Resp: 230306

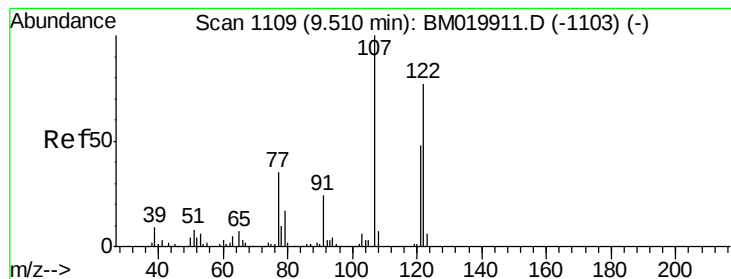
Ion Ratio Lower Upper

139 100

109 32.9 26.3 39.5

65 59.3 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 41.264 ng

RT: 9.51 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

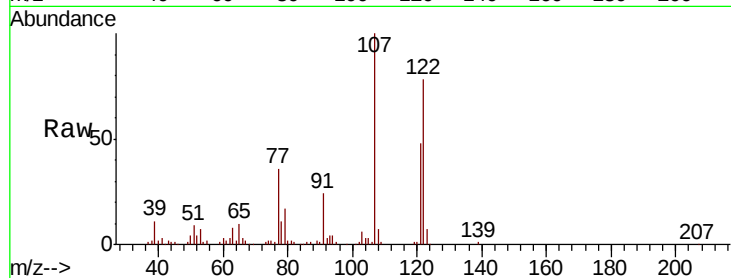
Tot Ion:122 Resp: 323977

Ion Ratio Lower Upper

122 100

107 128.9 103.1 154.7

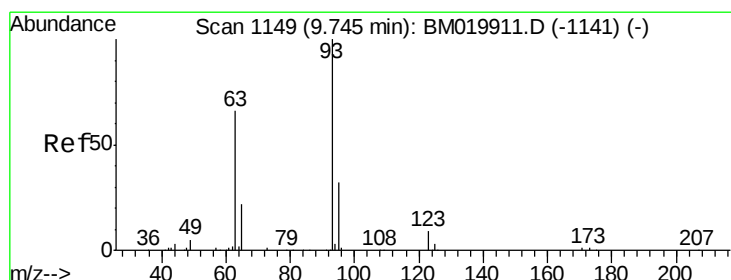
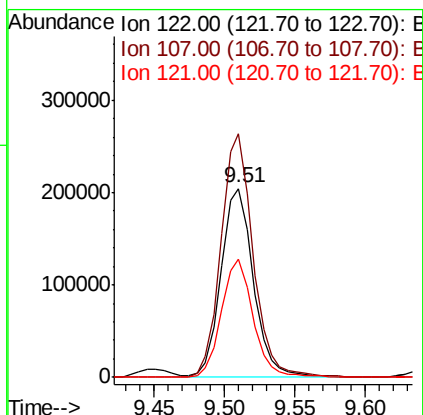
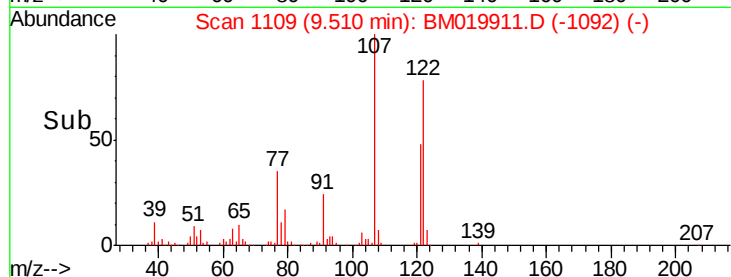
121 62.3 49.8 74.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.672 ng

RT: 9.75 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

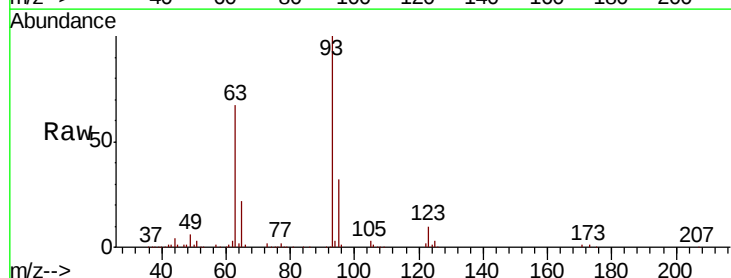
Tgt Ion: 93 Resp: 562966

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

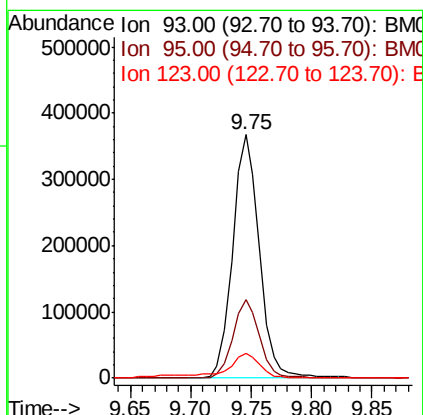
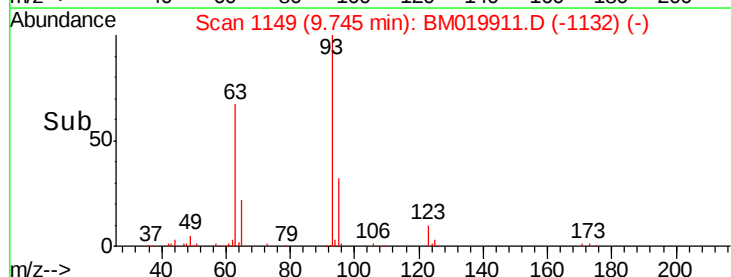
123 10.2 8.2 12.2

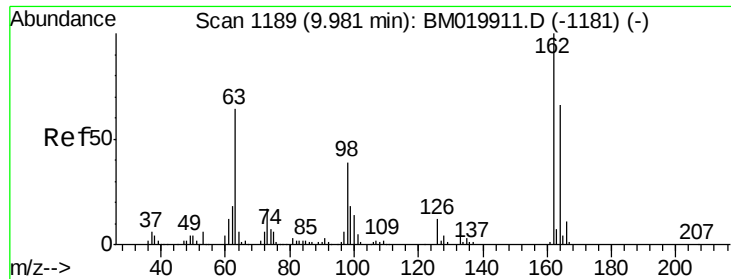


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

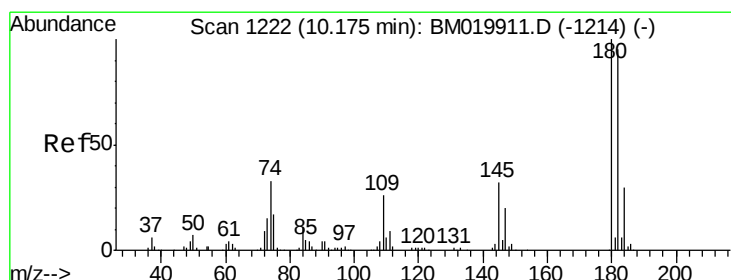
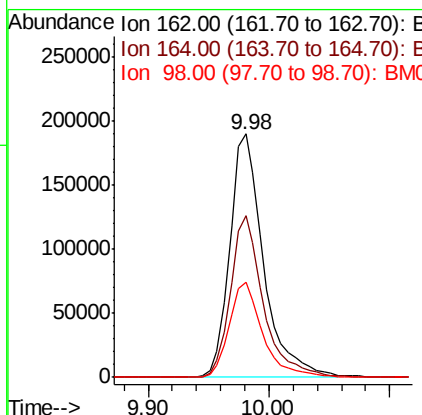
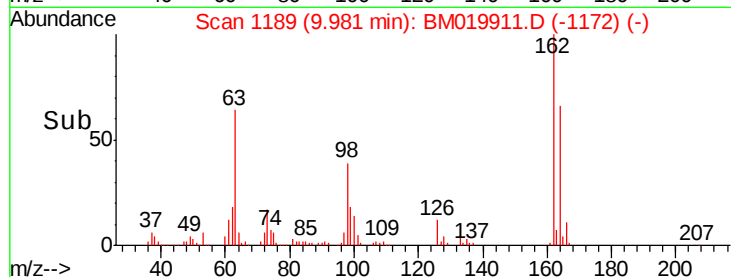
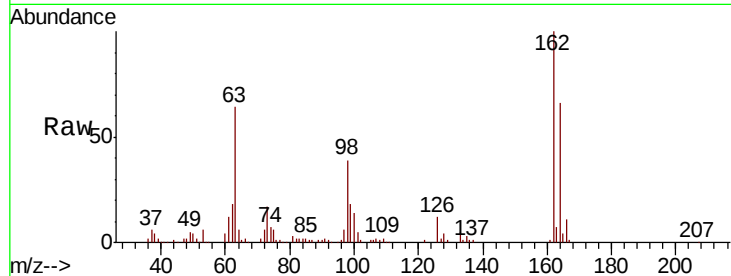




#29
2,4-Dichlorophenol
Concen: 42.550 ng
RT: 9.98 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

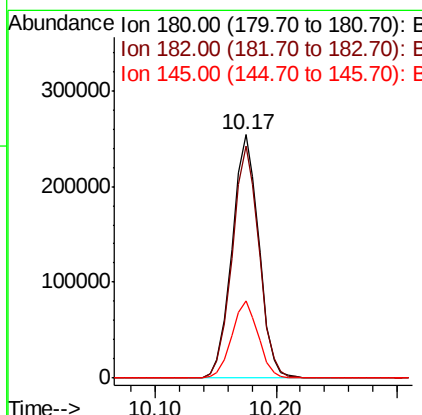
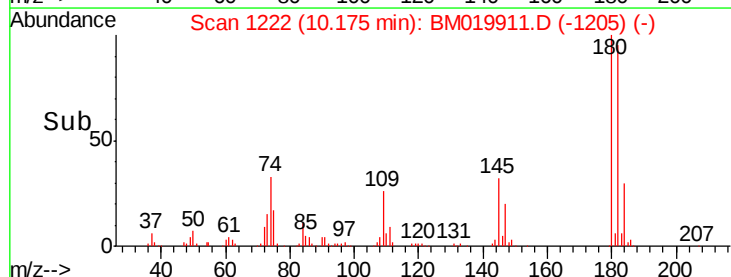
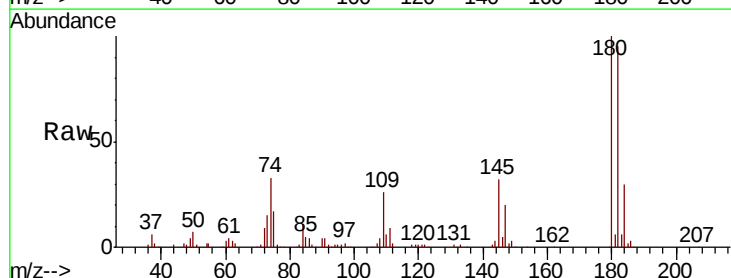
Instrument :
BNA_M
ClientSampleId :

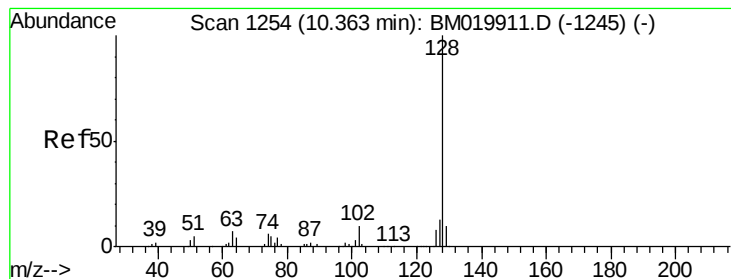
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	46.3	86.3
98	39.2	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 40.236 ng
RT: 10.17 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
145	31.9	25.5	38.3





#31

Naphthalene

Concen: 40.824 ng

RT: 10.36 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

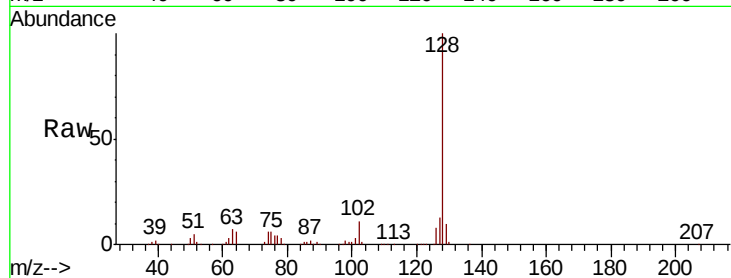
Tot Ion:128 Resp: 1246050

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

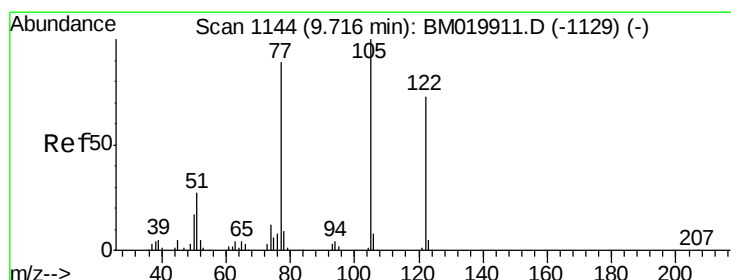
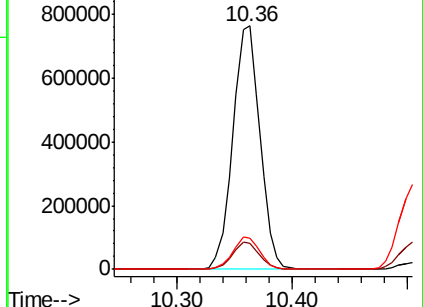
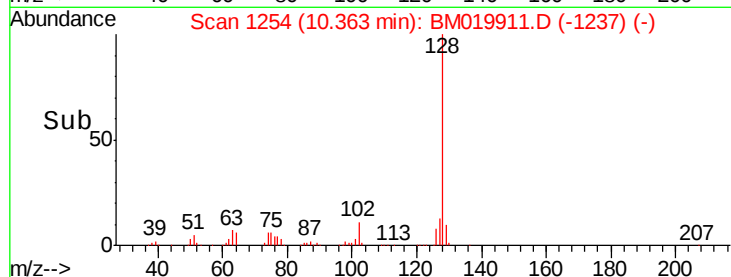
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.708 ng

RT: 9.72 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

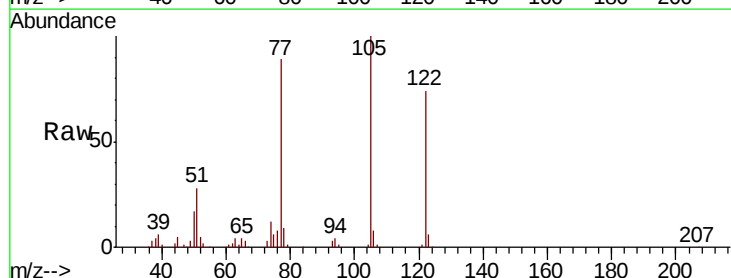
Tgt Ion:122 Resp: 257383

Ion Ratio Lower Upper

122 100

105 134.8 114.8 154.8

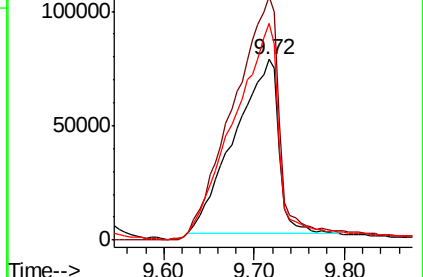
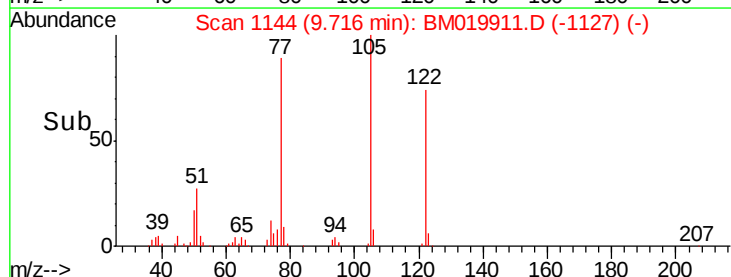
77 120.2 100.2 140.2

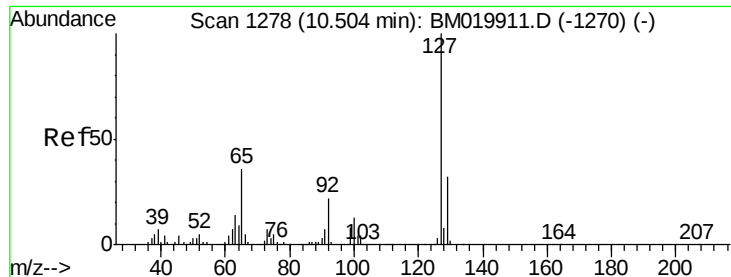


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

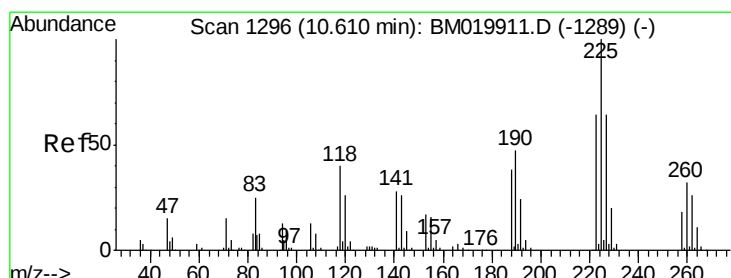
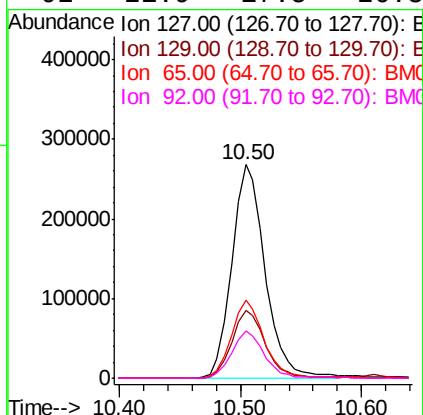
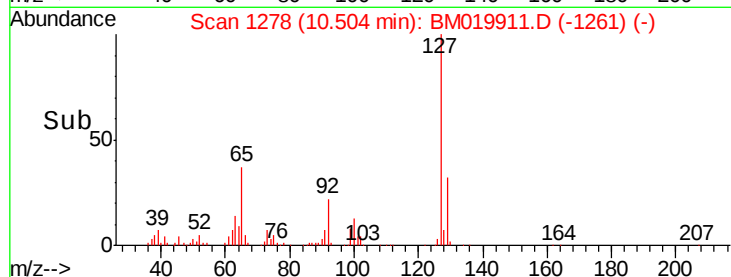
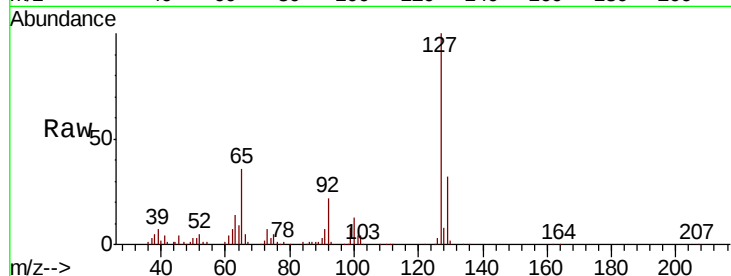




#33
4-Chloroaniline
Concen: 41.140 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

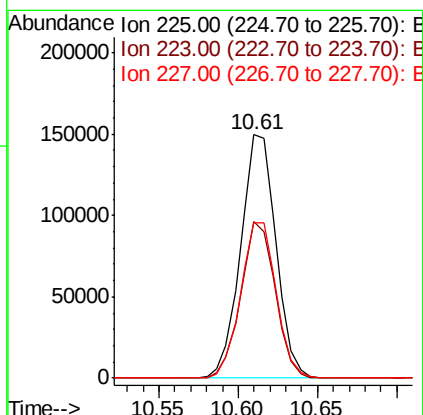
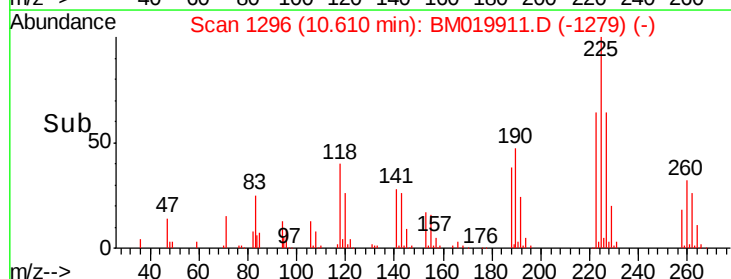
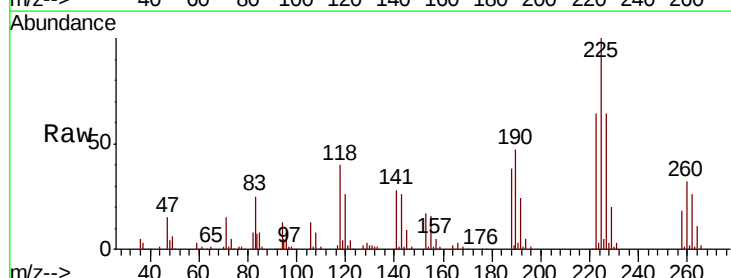
Instrument :
BNA_M
ClientSampleId :

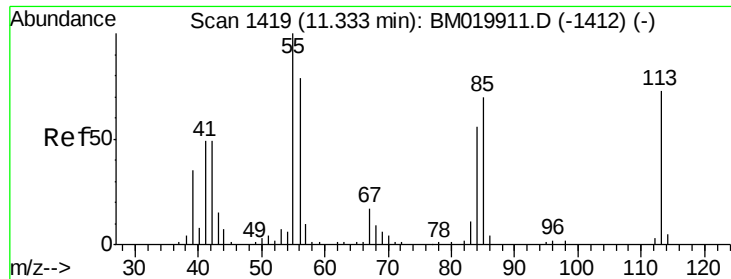
Tot Ion:	127	Resp:	514737
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.0
65	36.5	29.2	43.8
92	21.9	17.5	26.3



#34
Hexachlorobutadiene
Concen: 41.074 ng
RT: 10.61 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:	225	Resp:	231110
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.2
227	63.8	51.0	76.6





#35

Caprolactam

Concen: 41.100 ng

RT: 11.33 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

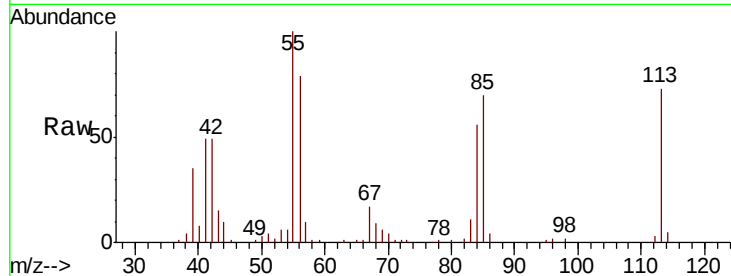
Tot Ion:113 Resp: 127308

Ion Ratio Lower Upper

113 100

55 137.1 117.1 157.1

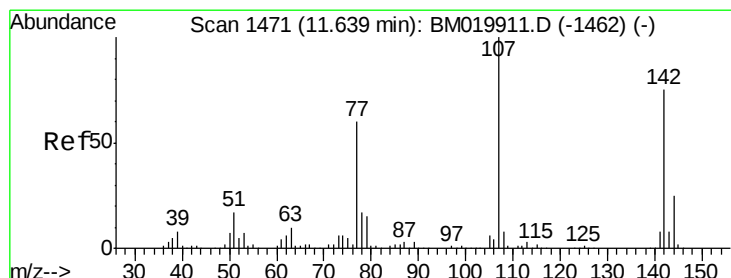
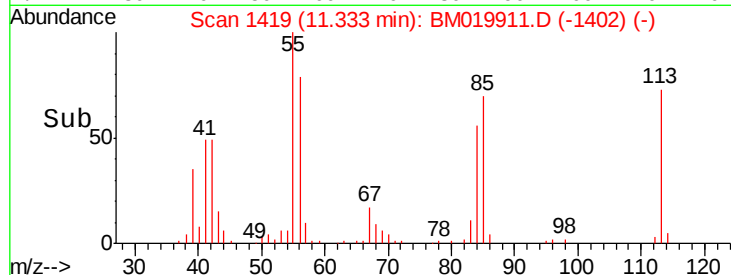
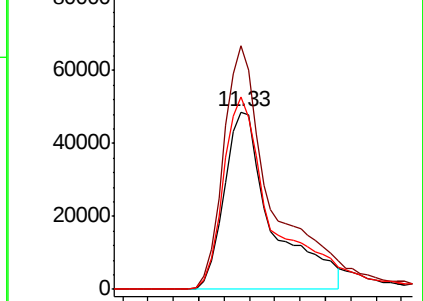
56 108.2 88.2 128.2



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: 42.628 ng

RT: 11.64 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

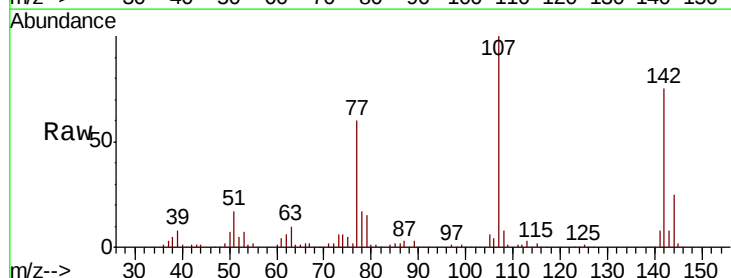
Tgt Ion:107 Resp: 457367

Ion Ratio Lower Upper

107 100

144 24.8 19.8 29.8

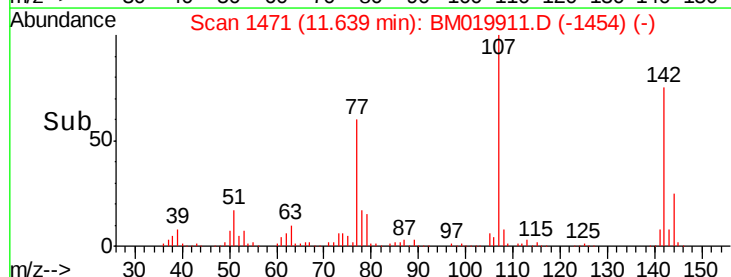
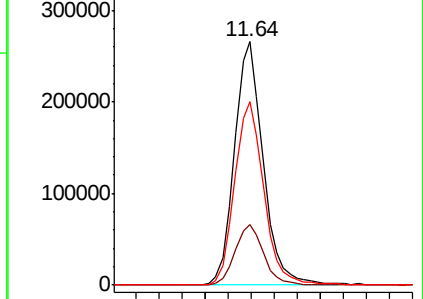
142 75.4 60.3 90.5

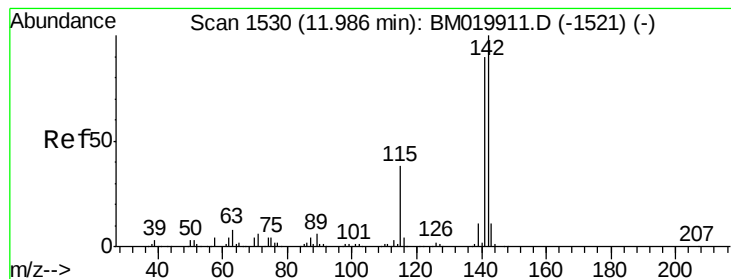


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.456 ng

RT: 11.99 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

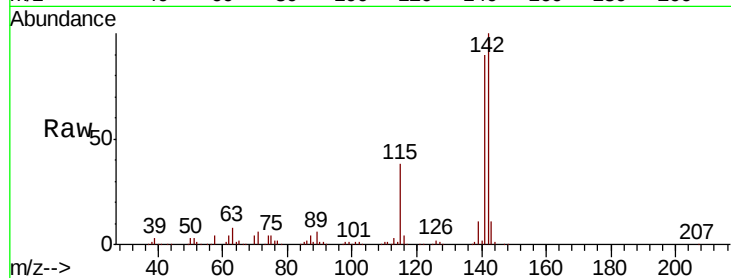
Tot Ion:142 Resp: 897292

Ion Ratio Lower Upper

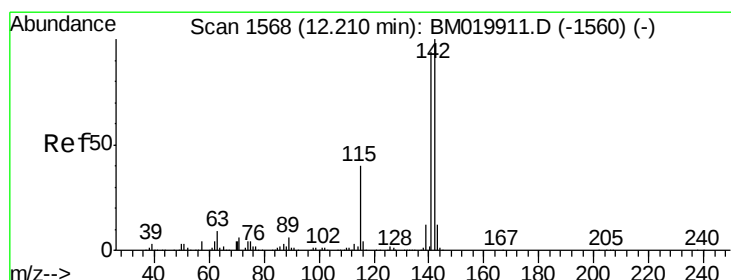
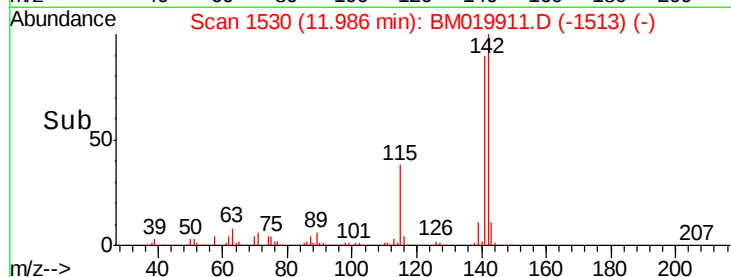
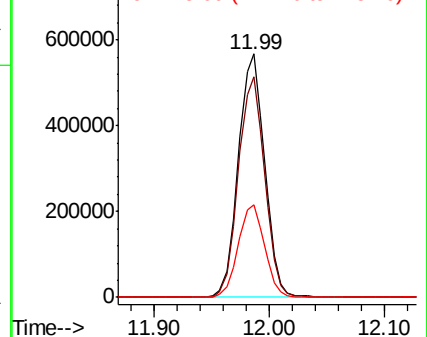
142 100

141 90.4 72.3 108.5

115 38.1 30.5 45.7



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: 40.664 ng

RT: 12.21 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

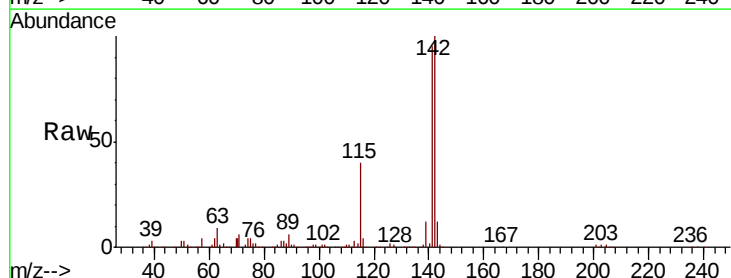
Tgt Ion:142 Resp: 888991

Ion Ratio Lower Upper

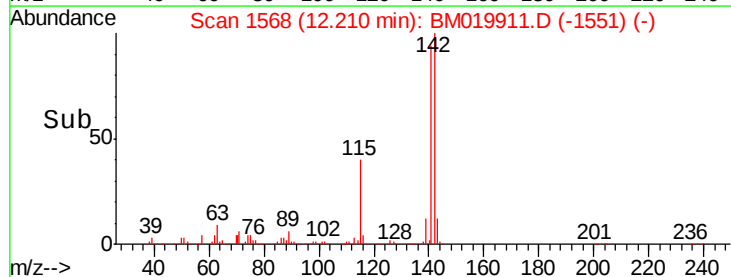
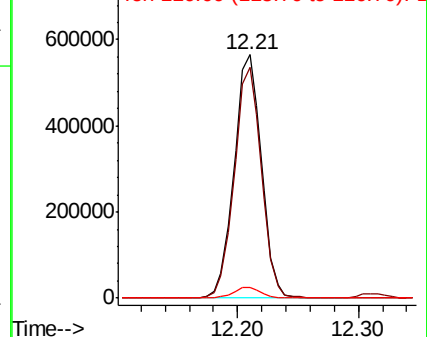
142 100

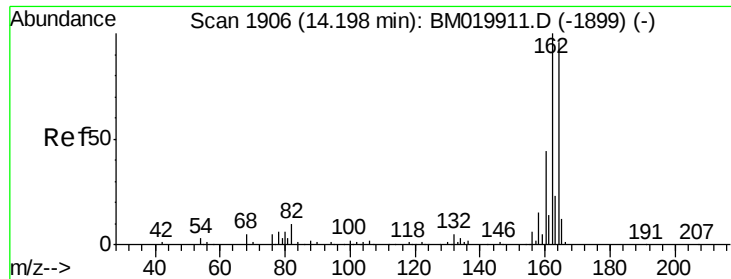
141 94.6 75.7 113.5

116 4.3 3.4 5.2



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: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

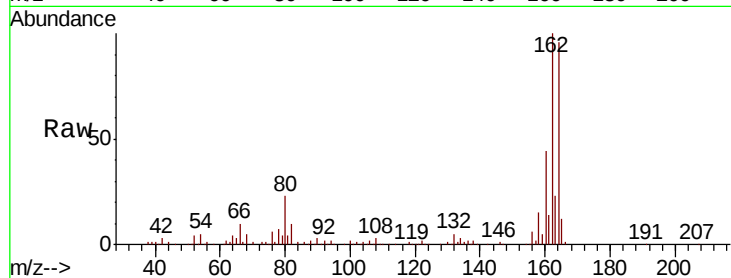
Tot Ion:164 Resp: 356363

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 45.8 36.6 55.0

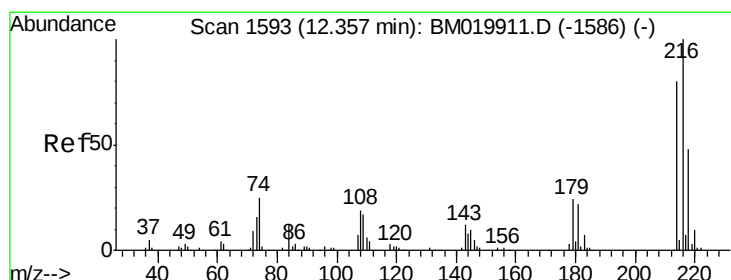
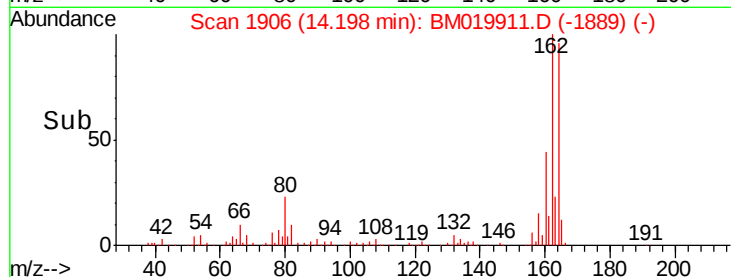
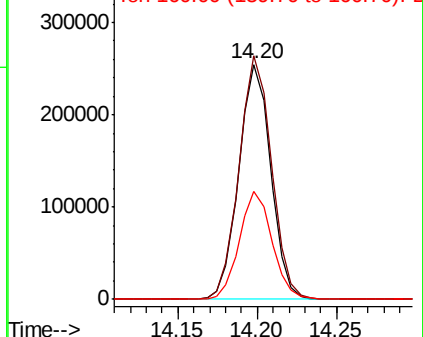


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.292 ng

RT: 12.36 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Tgt Ion:216 Resp: 431657

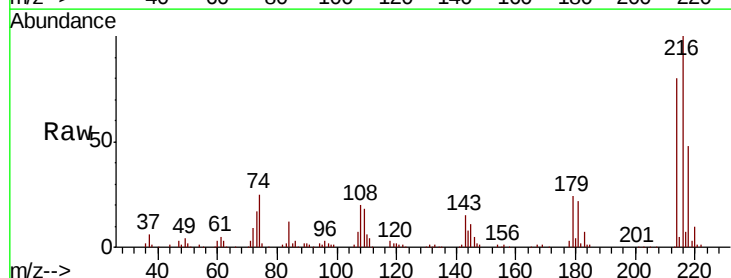
Ion Ratio Lower Upper

216 100

214 78.9 63.1 94.7

179 23.8 19.0 28.6

108 20.4 16.3 24.5



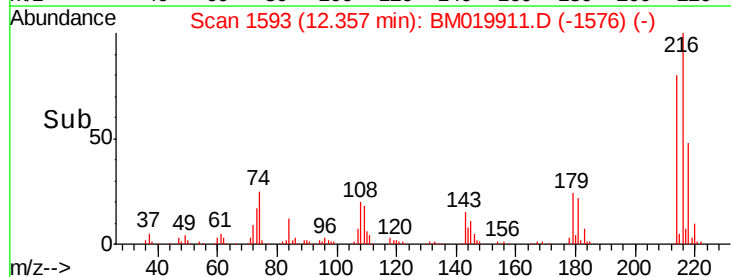
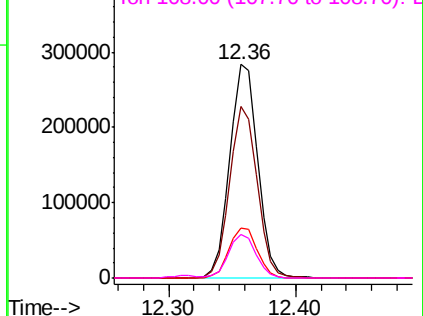
Abundance

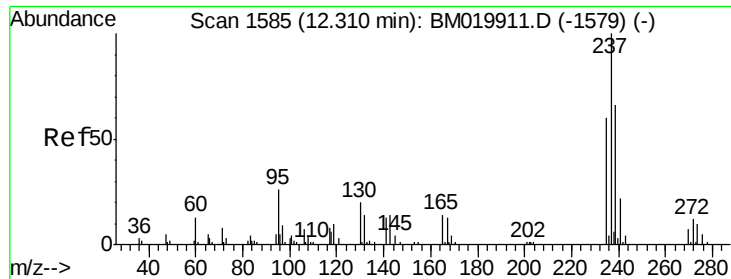
Ion 216.00 (215.70 to 216.70): E

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: 22.593 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

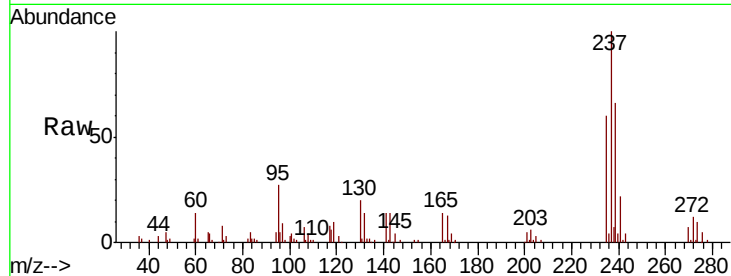
Tot Ion:237 Resp: 115360

Ion Ratio Lower Upper

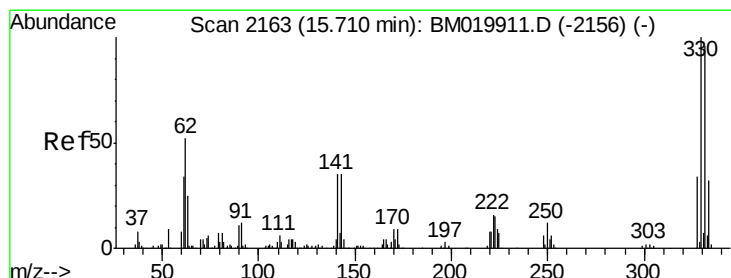
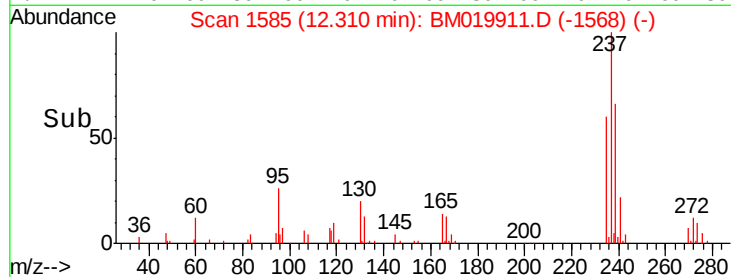
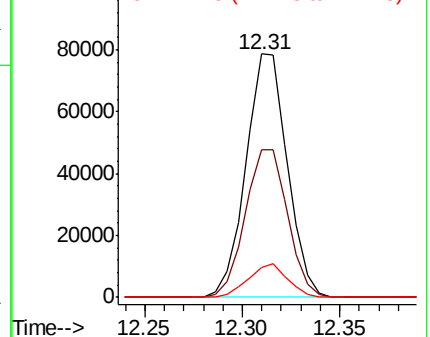
237 100

235 60.4 40.4 80.4

272 12.3 0.0 32.3



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: 84.615 ng

RT: 15.71 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

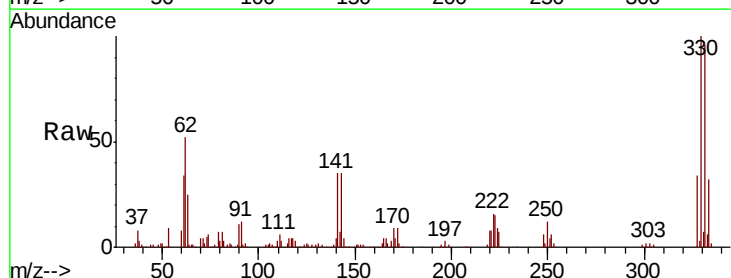
Tgt Ion:330 Resp: 445208

Ion Ratio Lower Upper

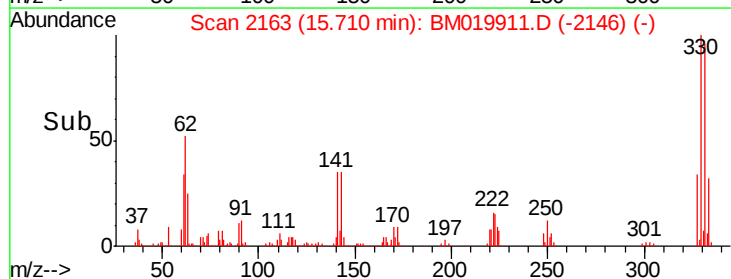
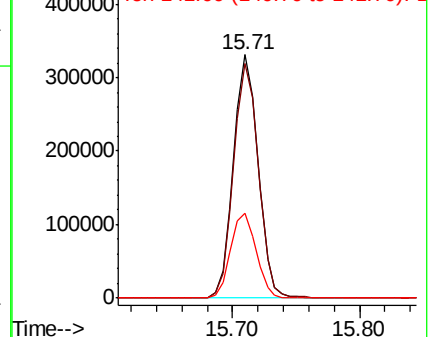
330 100

332 96.8 77.4 116.2

141 36.2 29.0 43.4



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

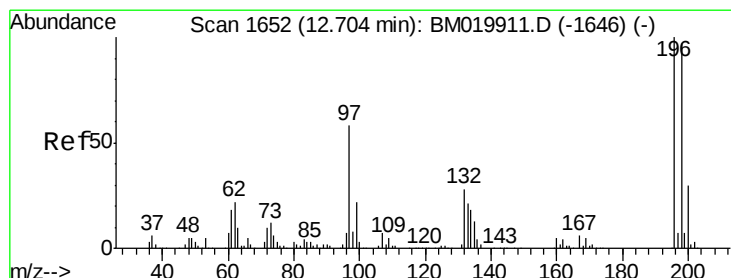
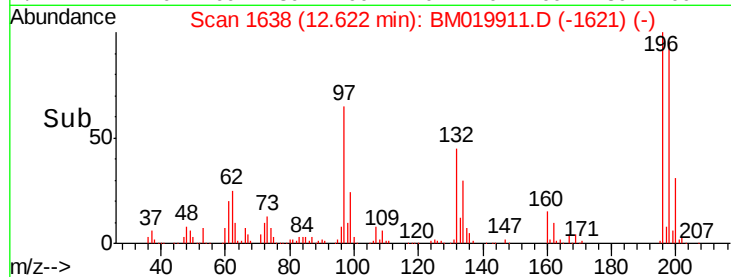
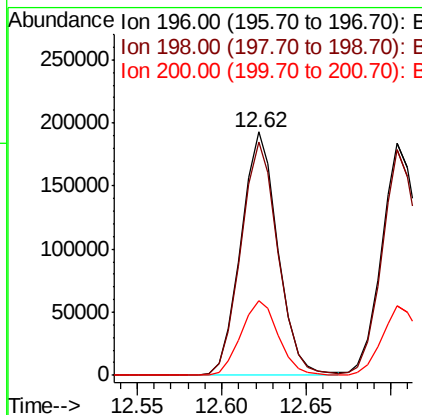
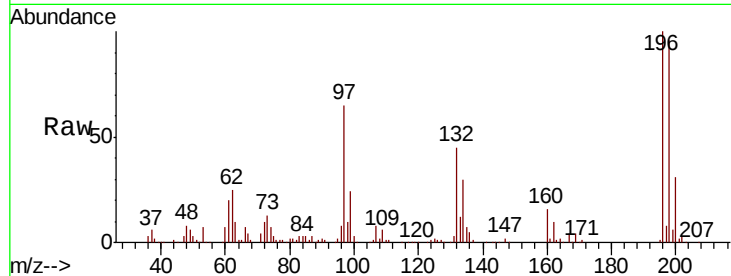




#43
 2,4,6-Trichlorophenol
 Concen: 40.246 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

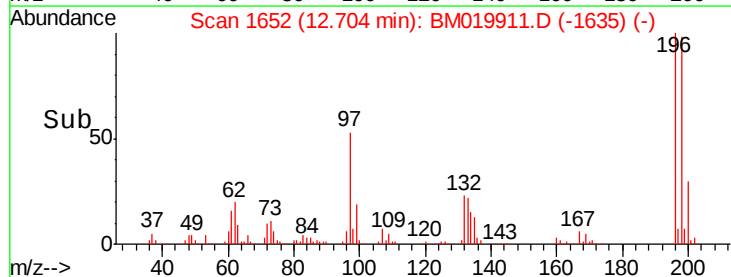
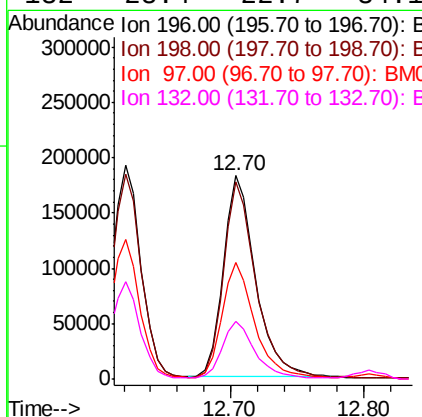
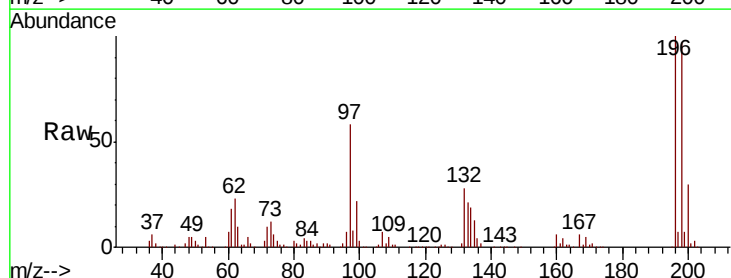
Instrument :
 BNA_M
 ClientSampled :

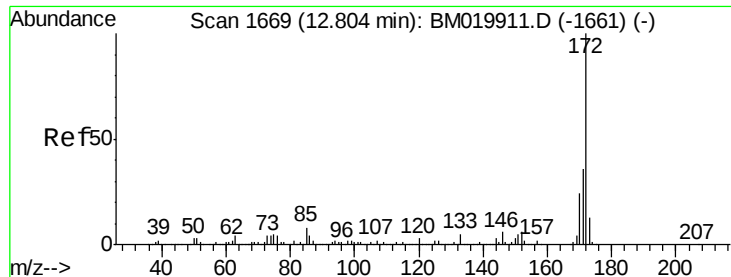
Tot Ion:196 Resp: 293188
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.8 115.2
 200 30.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.589 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion:196 Resp: 308395
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.8 116.8
 97 57.7 46.2 69.2
 132 28.4 22.7 34.1

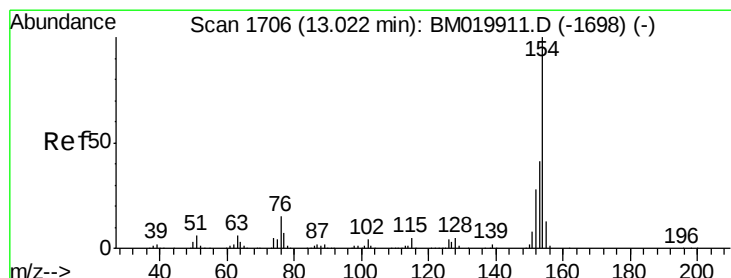
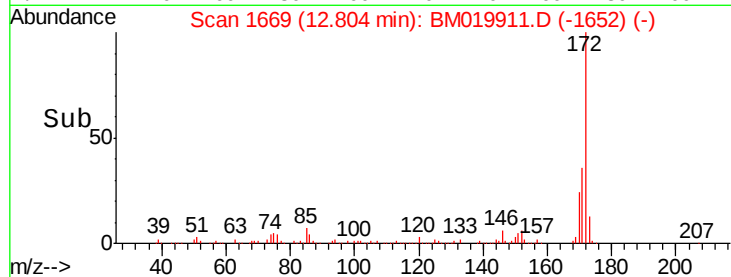
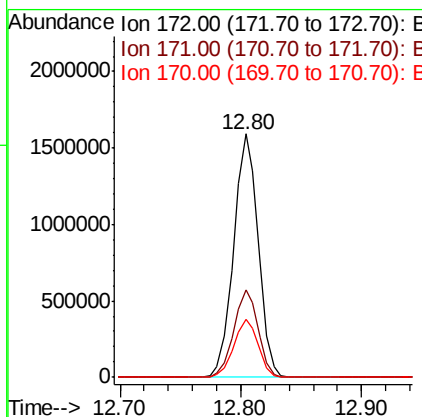
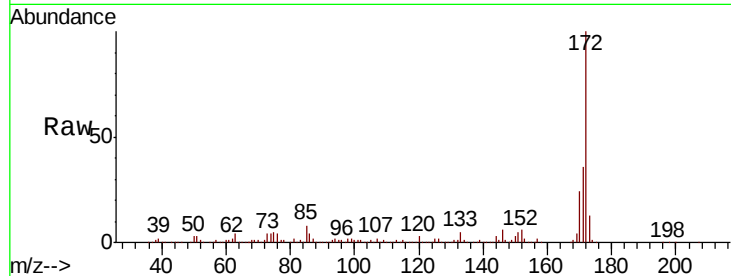




#45
2-Fluorobiphenyl
Concen: 82.098 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

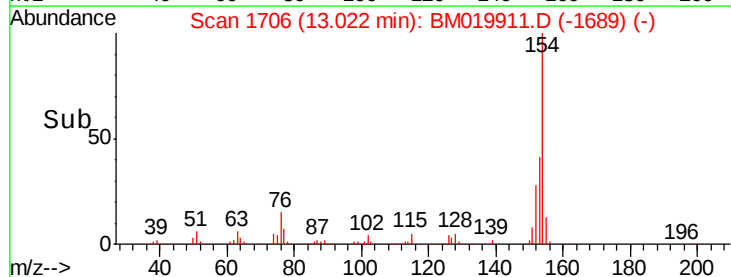
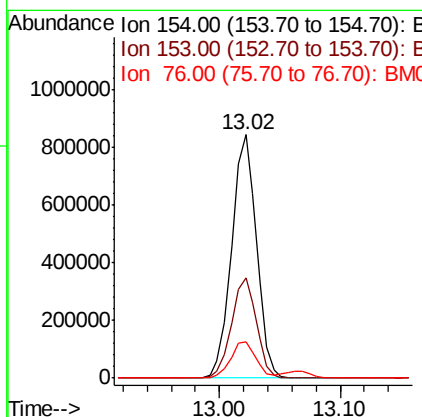
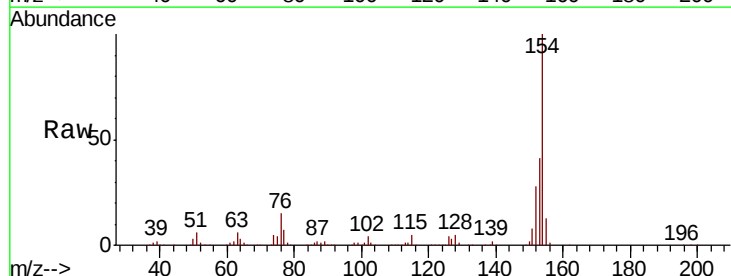
Instrument :
BNA_M
ClientSampleId :

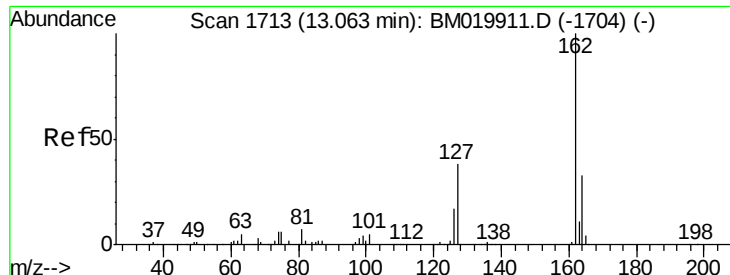
Tot Ion:172 Resp: 2249207
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 38.910 ng
RT: 13.02 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:154 Resp: 1210952
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 14.8 0.0 34.8

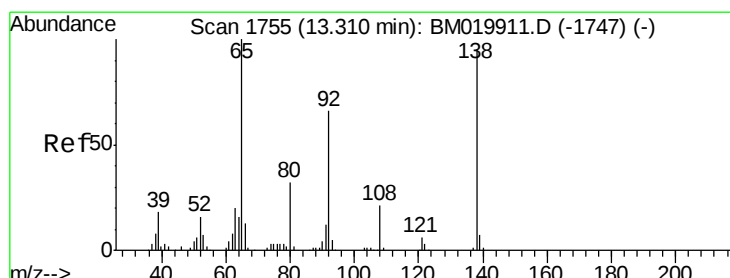
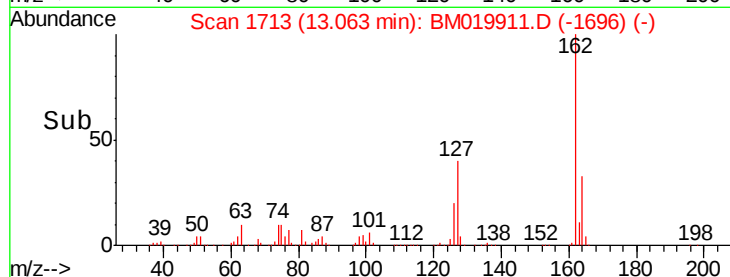
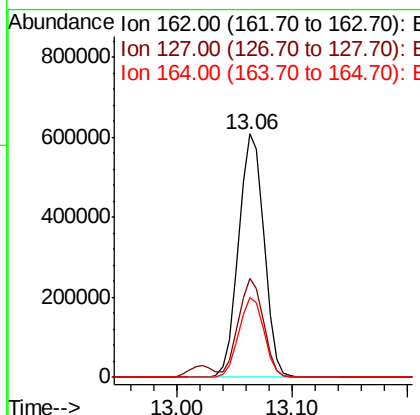
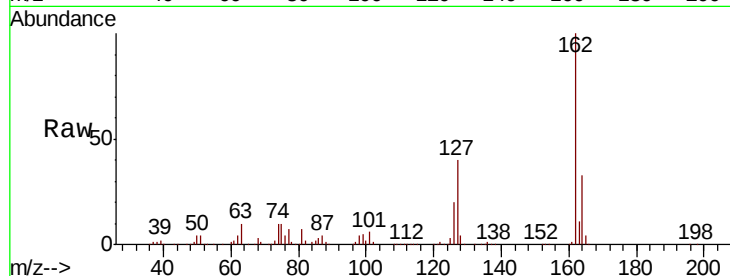




#47
 2-Chloronaphthalene
 Concen: 40.017 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

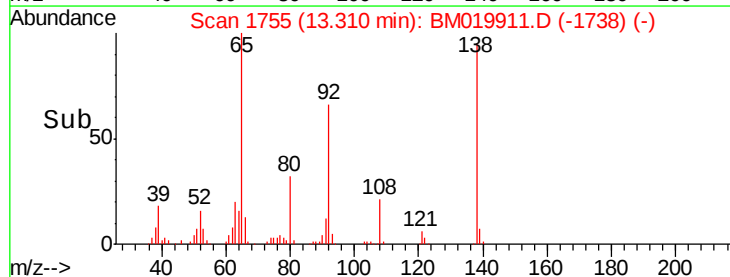
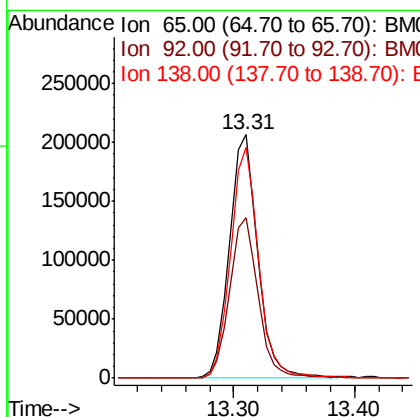
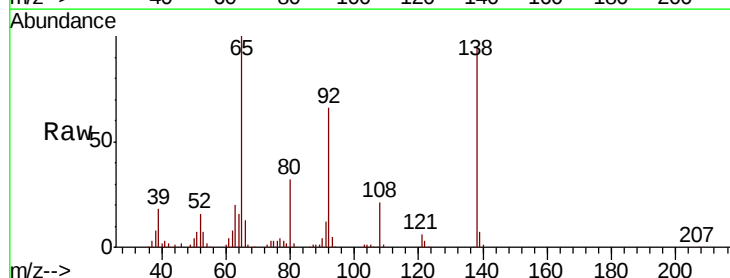
Instrument :
 BNA_M
 ClientSampleId :

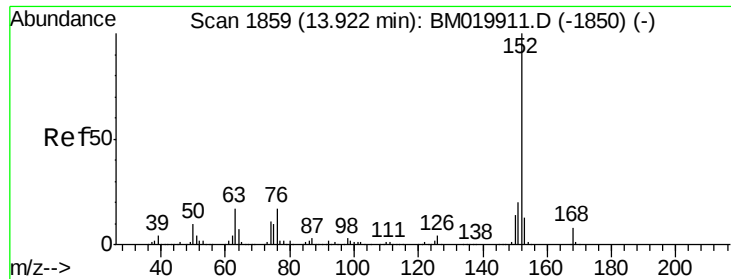
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.3	48.5
164	32.9	26.3	39.5



#48
 2-Nitroaniline
 Concen: 43.465 ng
 RT: 13.31 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.9	79.3
138	94.7	75.8	113.6





#49

Acenaphthylene

Concen: 41.006 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

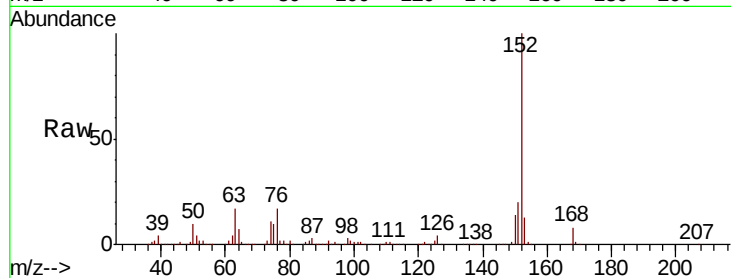
Tot Ion:152 Resp: 1610664

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

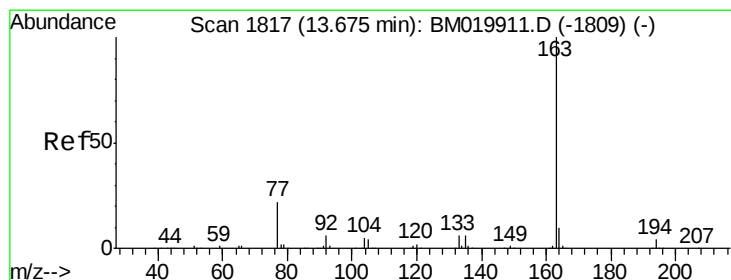
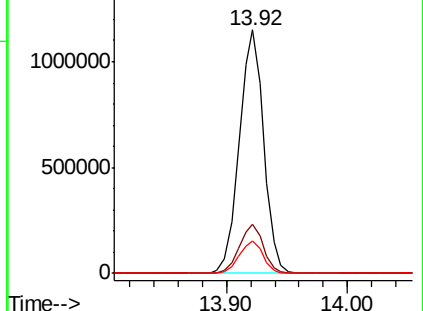
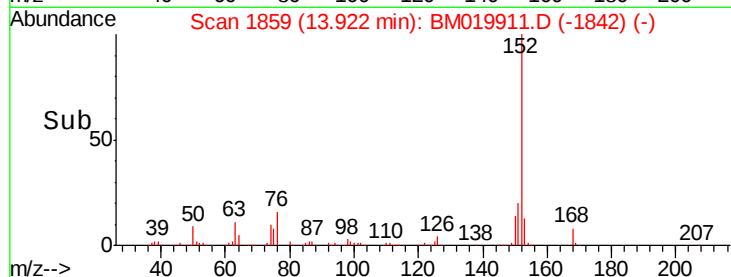
153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.539 ng

RT: 13.67 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

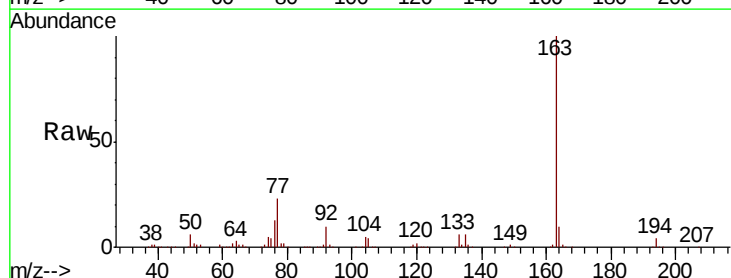
Tgt Ion:163 Resp: 1235834

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

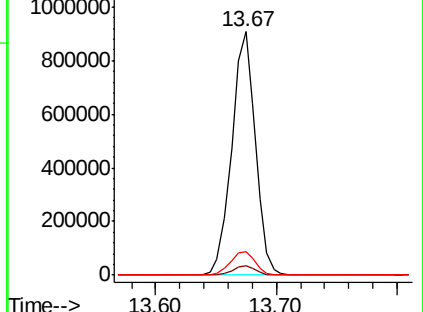
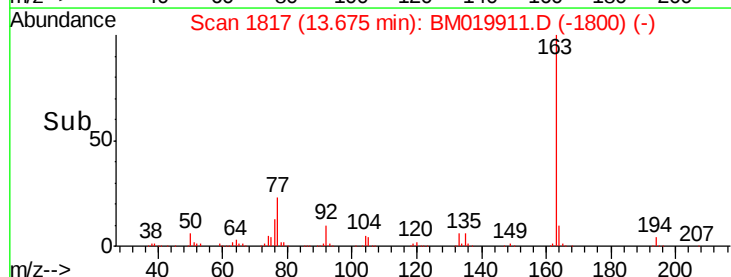
164 9.9 7.9 11.9

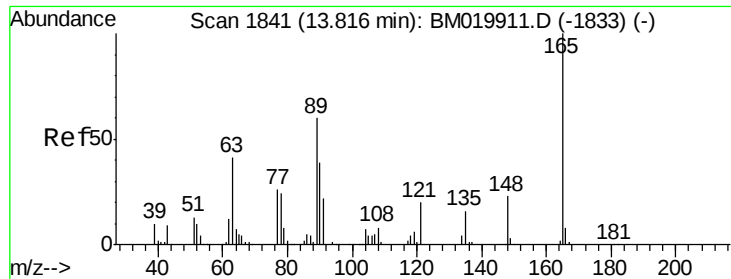


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

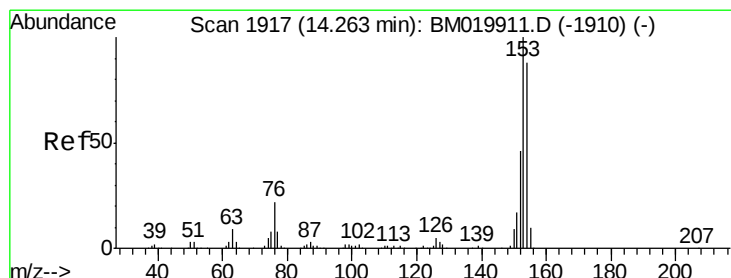
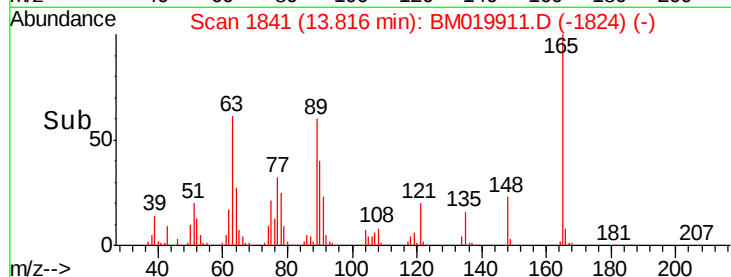
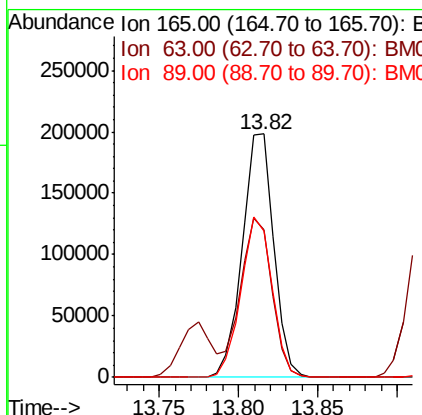
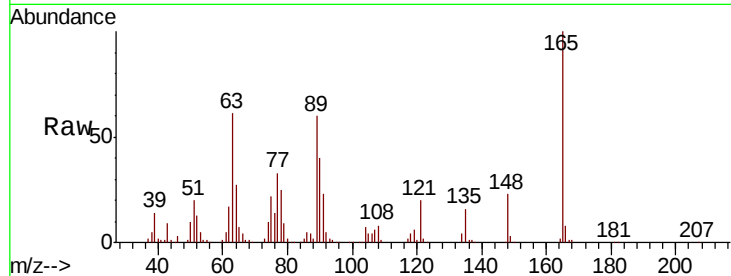




#51
 2,6-Dinitrotoluene
 Concen: 41.434 ng
 RT: 13.82 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

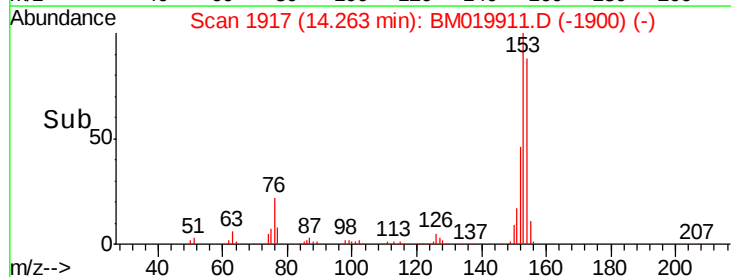
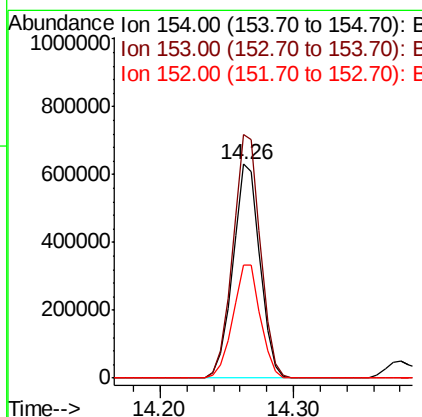
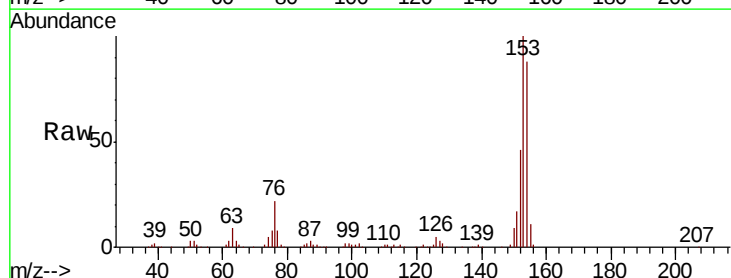
Instrument :
 BNA_M
 ClientSampled :

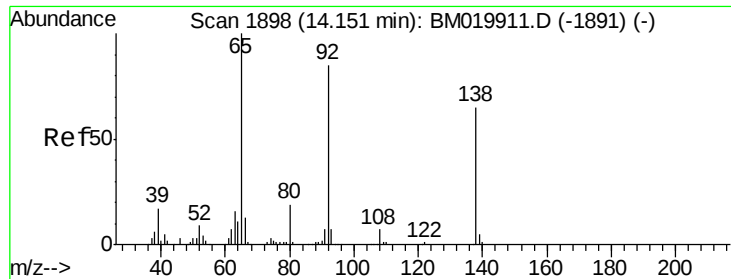
Tot Ion:165 Resp: 273053
 Ion Ratio Lower Upper
 165 100
 63 60.6 48.5 72.7
 89 60.3 48.2 72.4



#52
 Acenaphthene
 Concen: 39.356 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion:154 Resp: 888265
 Ion Ratio Lower Upper
 154 100
 153 113.7 91.0 136.4
 152 52.7 42.2 63.2

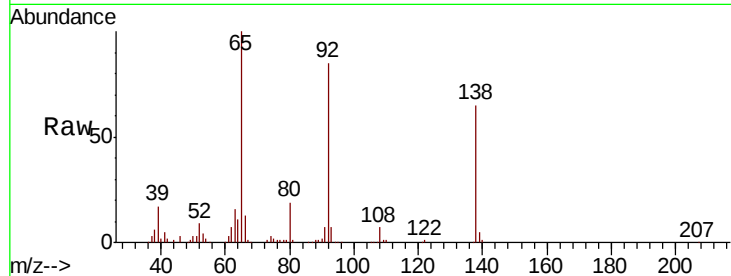




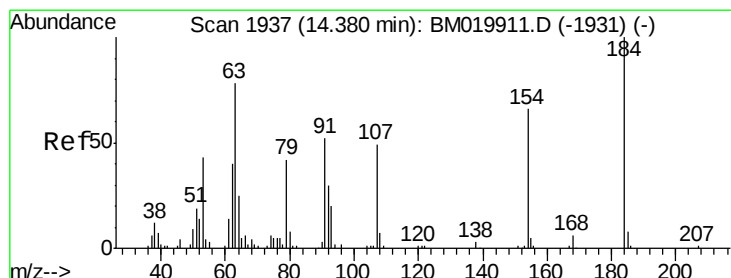
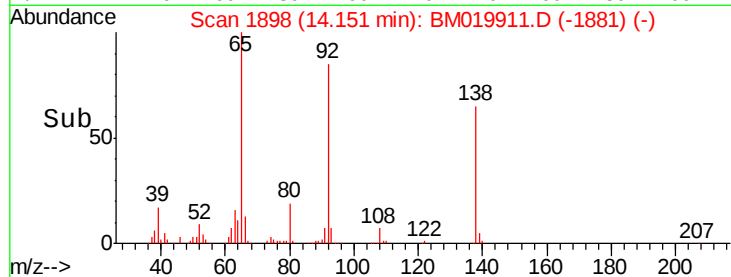
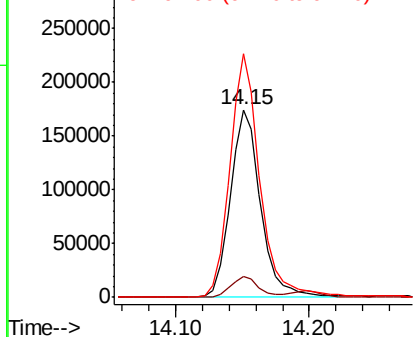
#53
3-Nitroaniline
Concen: 39.390 ng
RT: 14.15 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 274931
Ion Ratio Lower Upper
138 100
108 11.1 8.9 13.3
92 129.8 103.8 155.8

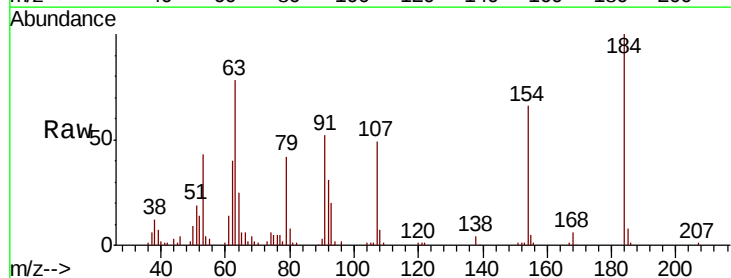


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

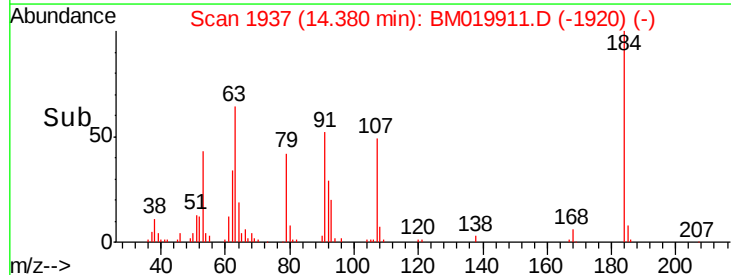
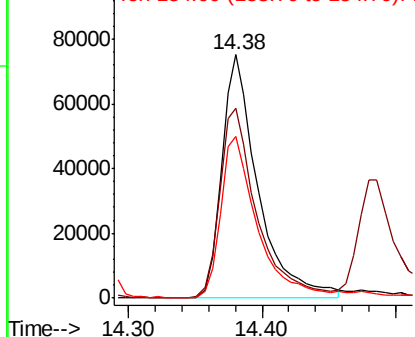


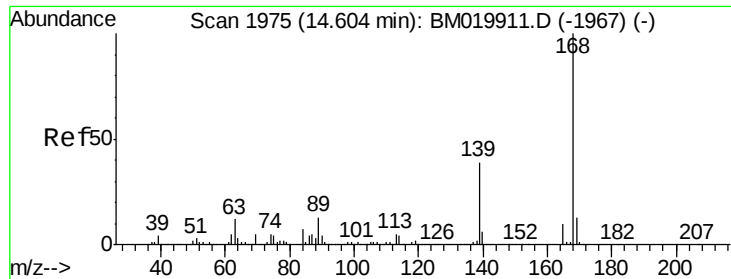
#54
2,4-Dinitrophenol
Concen: 37.134 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:184 Resp: 142115
Ion Ratio Lower Upper
184 100
63 77.9 62.3 93.5
154 66.3 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

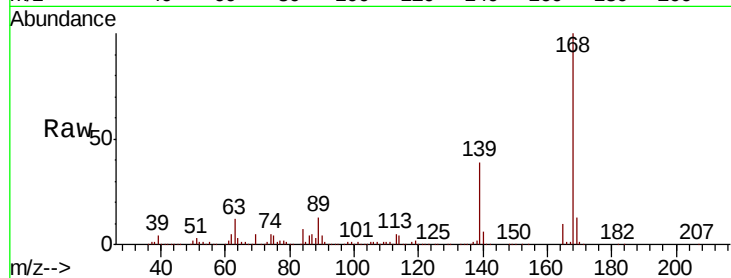




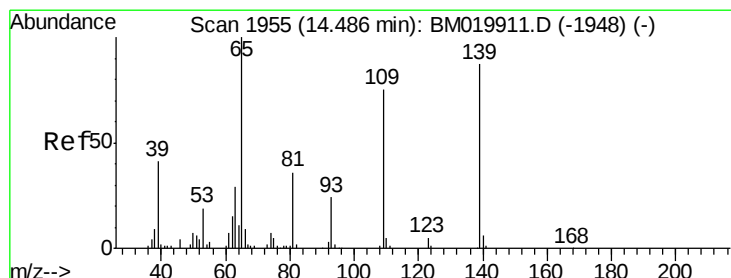
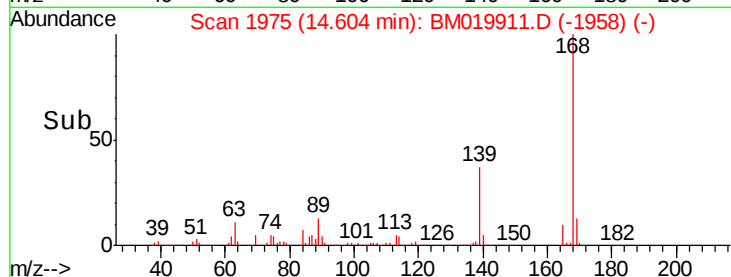
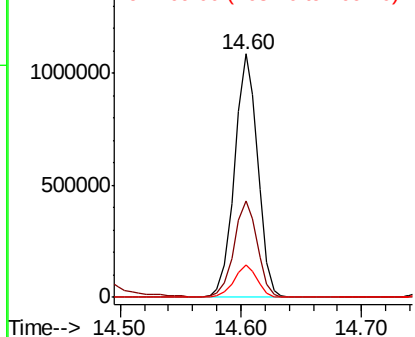
#55
Dibenzenofuran
Concen: 39.967 ng
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 1454727
Ion Ratio Lower Upper
168 100
139 39.4 31.5 47.3
169 13.3 10.6 16.0

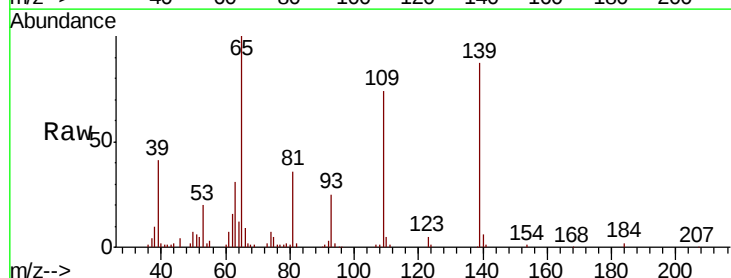


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

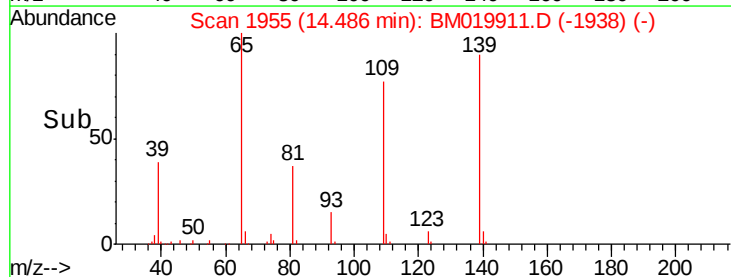
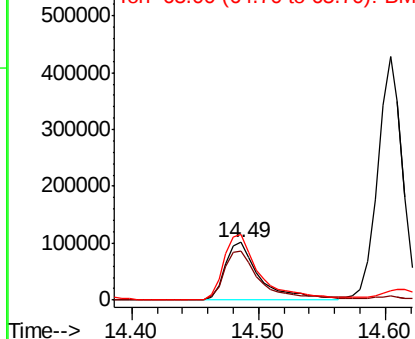


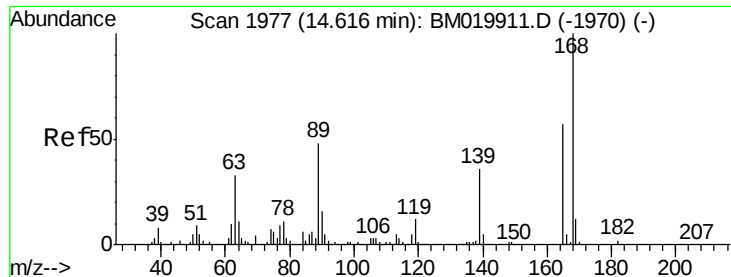
#56
4-Nitrophenol
Concen: 34.229 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:139 Resp: 195062
Ion Ratio Lower Upper
139 100
109 85.3 65.3 105.3
65 114.9 94.9 134.9



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

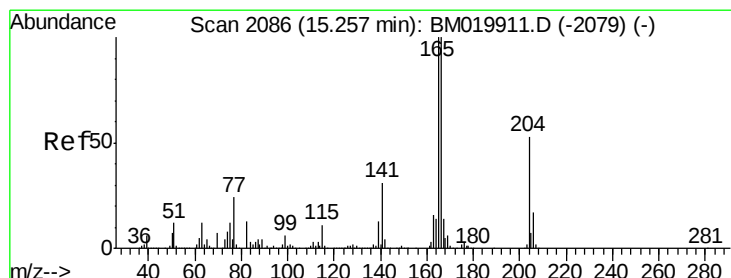
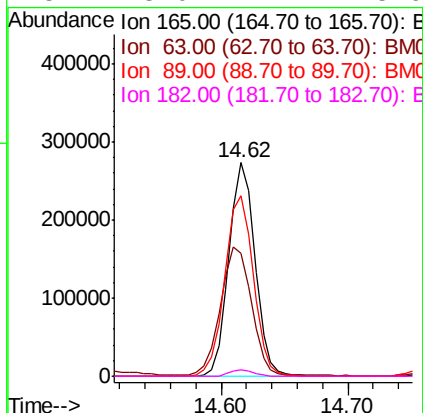
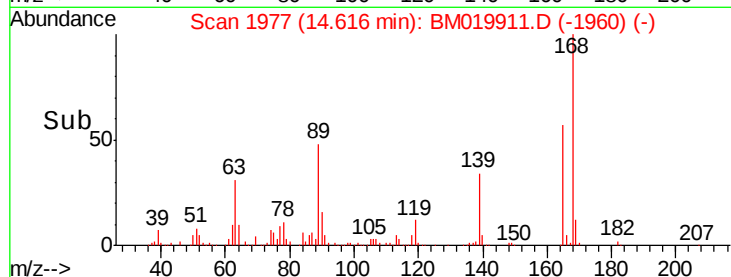
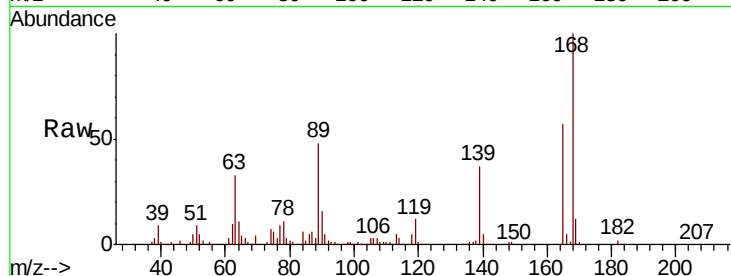




#57
 2,4-Dinitrotoluene
 Concen: 40.769 ng
 RT: 14.62 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

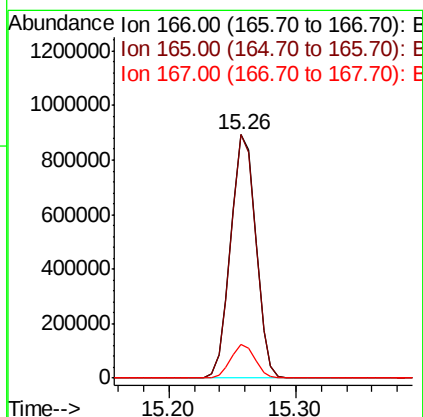
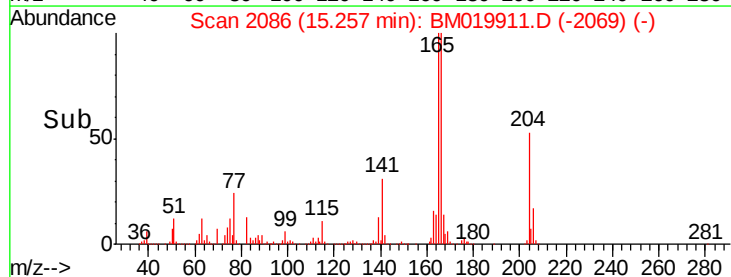
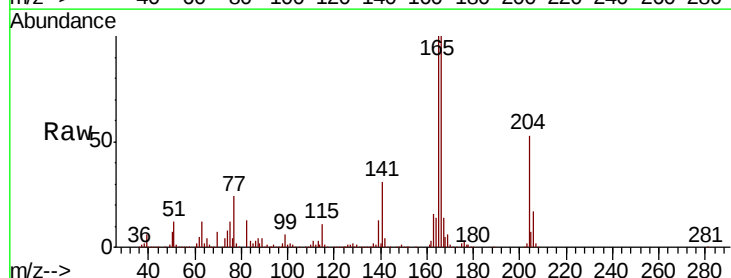
Instrument :
 BNA_M
 ClientSampleId :

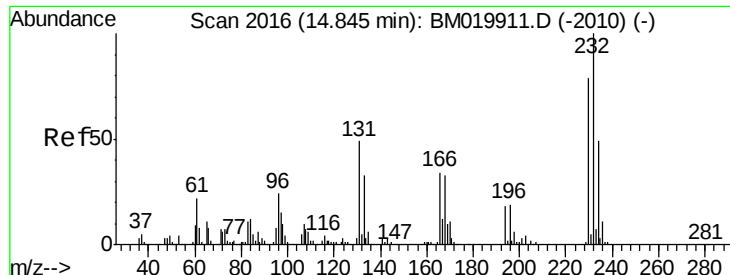
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.5	46.0	69.0
89	84.4	67.5	101.3
182	3.0	2.4	3.6



#58
 Fluorene
 Concen: 40.834 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.1	120.1
167	13.7	11.0	16.4

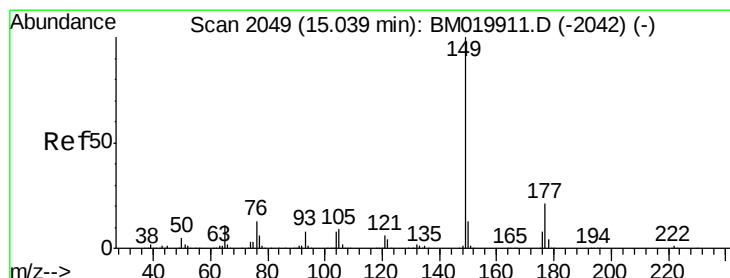
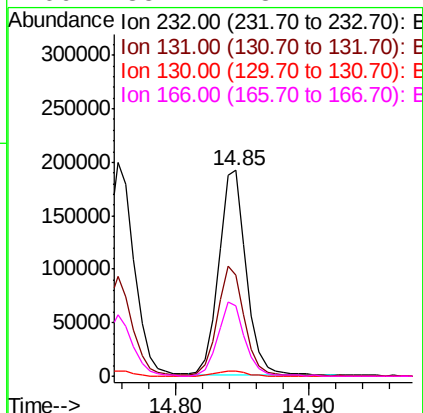
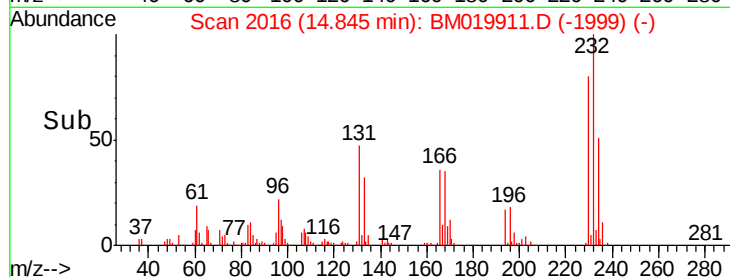
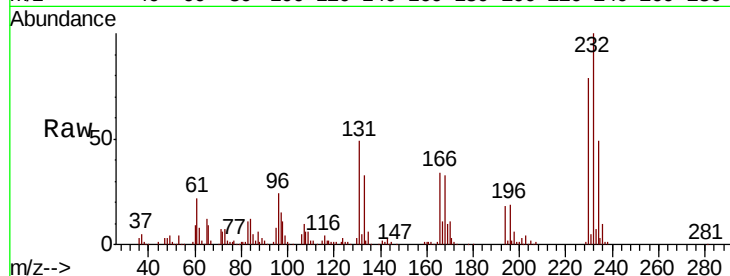




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.140 ng
RT: 14.85 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

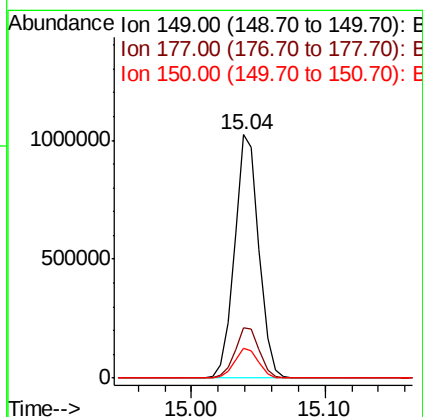
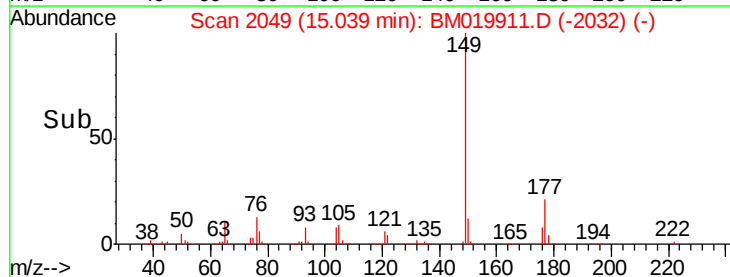
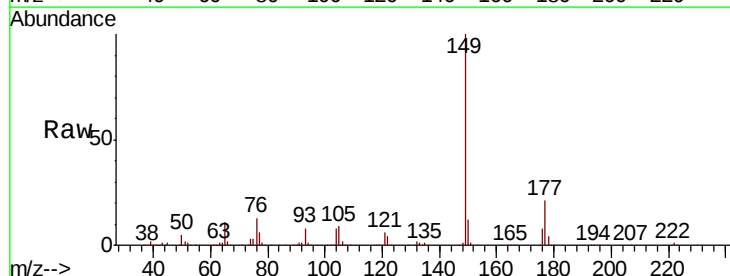
Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.6	42.1	63.1
130	2.8	2.2	3.4
166	35.1	28.1	42.1



#60
Diethylphthalate
Concen: 41.721 ng
RT: 15.04 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.6	25.0
150	12.5	10.0	15.0

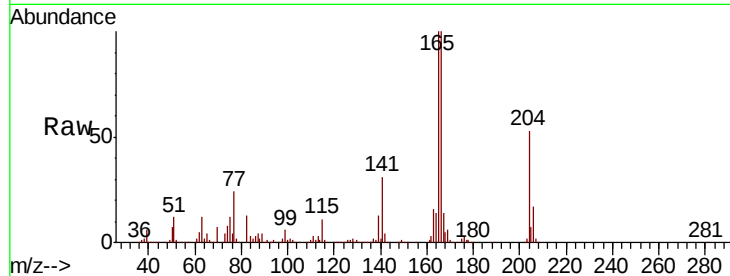




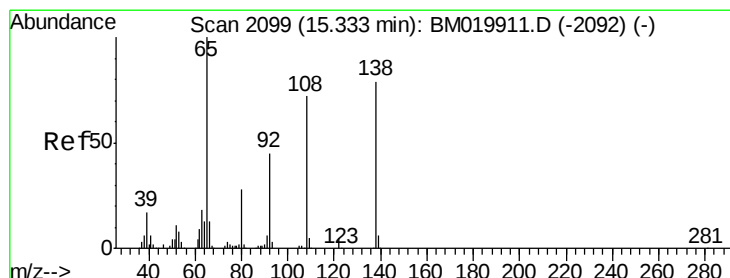
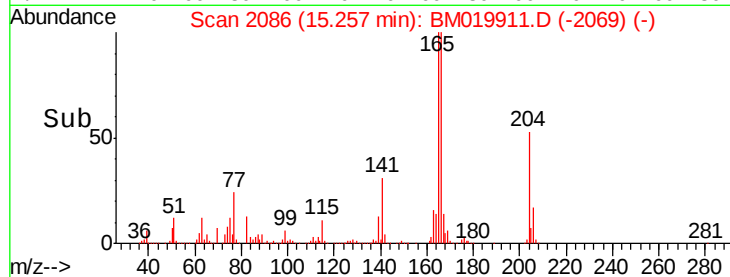
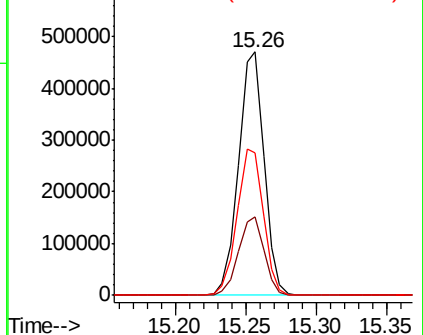
#61
4-Chlorophenyl-phenylether
Concen: 40.729 ng
RT: 15.26 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 593483
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 58.7 47.0 70.4

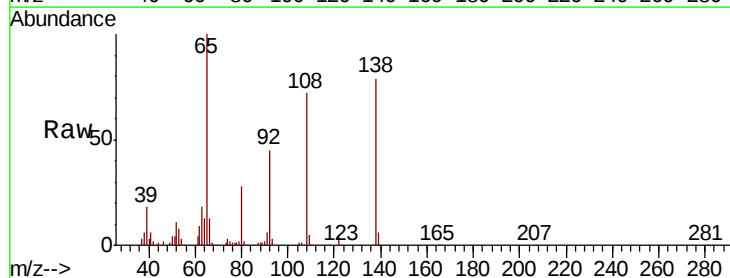


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

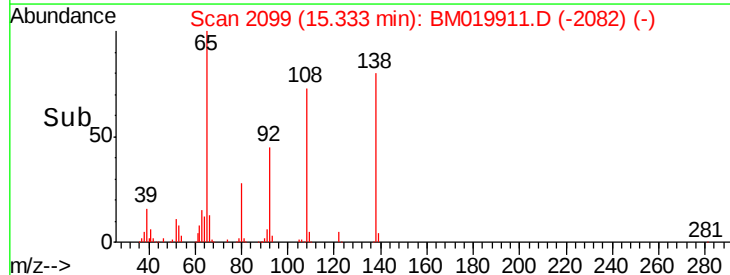
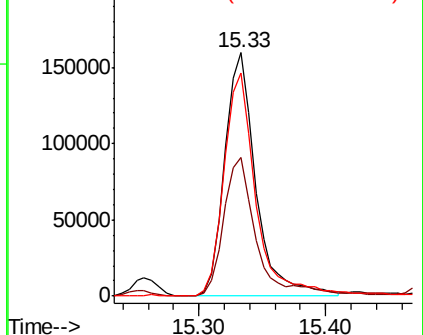


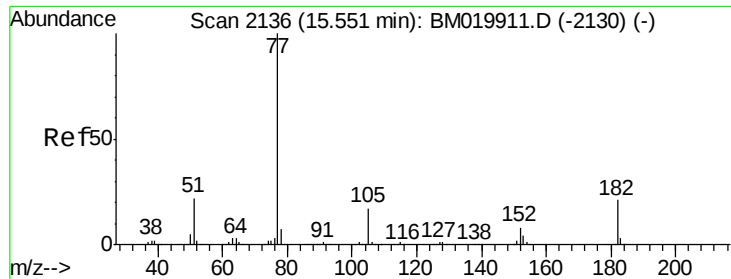
#62
4-Nitroaniline
Concen: 38.912 ng
RT: 15.33 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:138 Resp: 273706
Ion Ratio Lower Upper
138 100
92 56.8 36.8 76.8
108 91.5 71.5 111.5



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: 42.651 ng

RT: 15.55 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

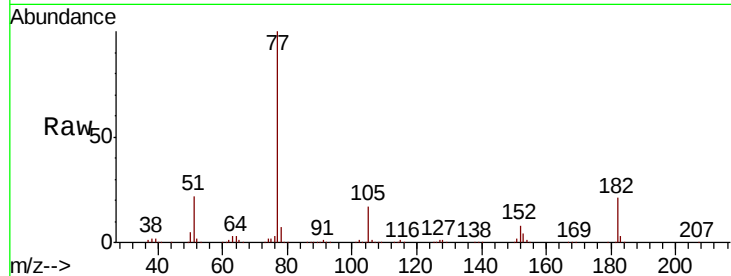
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1385697

Ion	Ratio	Lower	Upper
77	100		
182	21.0	1.0	41.0
105	17.1	0.0	37.1
51	22.1	2.1	42.1

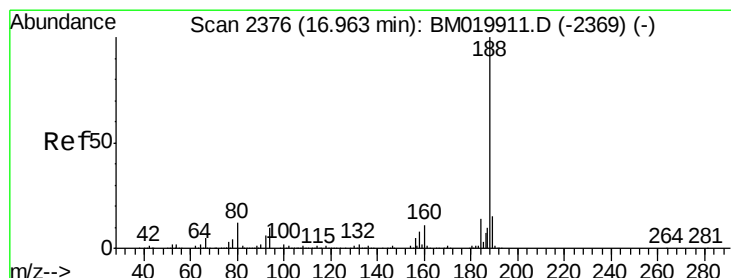
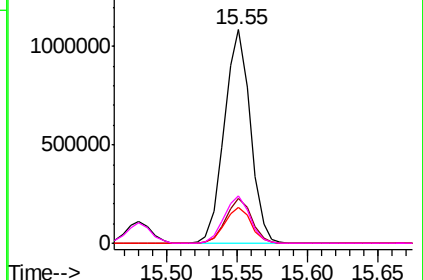
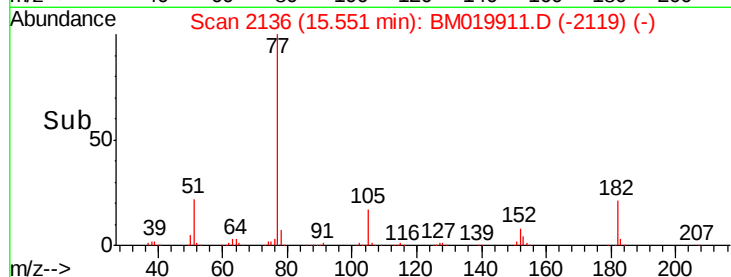


Abundance Ion 77.00 (76.70 to 77.70): BM019911.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM019911.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BM019911.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-2130) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2376

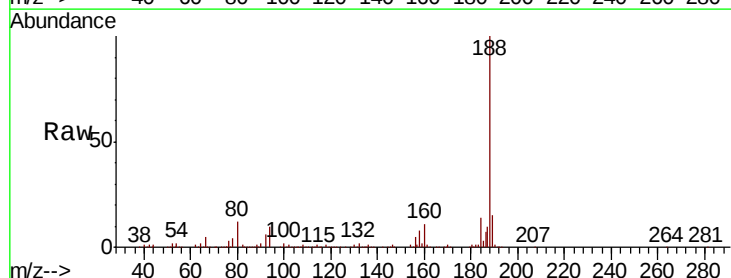
Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Tgt Ion: 188 Resp: 782288

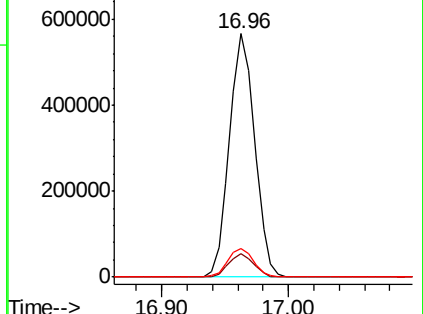
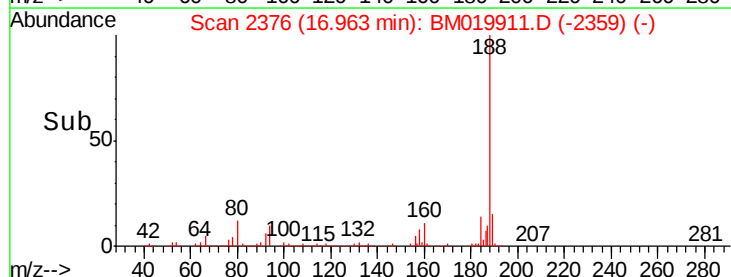
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	11.7	9.4	14.0

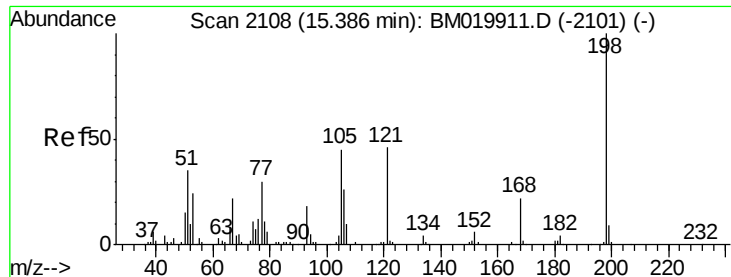


Abundance Ion 188.00 (187.70 to 188.70): BM019911.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM019911.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM019911.D (-2369) (-)

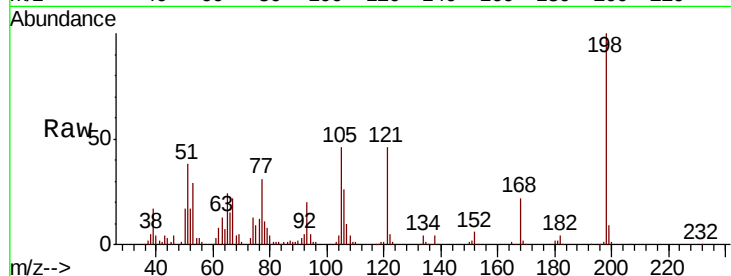




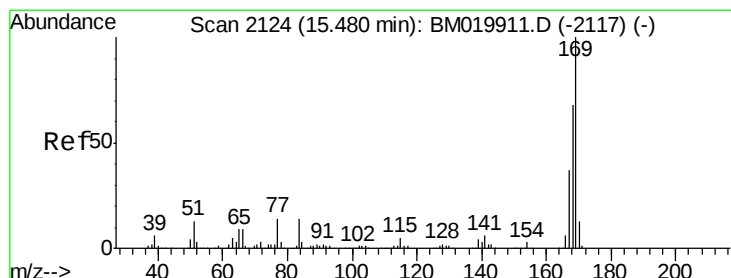
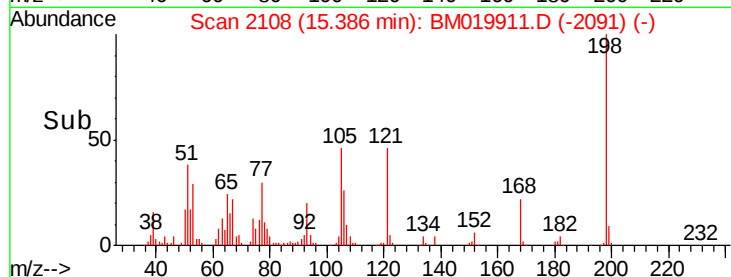
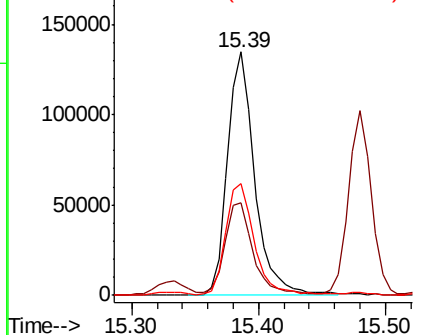
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.157 ng
 RT: 15.39 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:198 Resp: 200730
 Ion Ratio Lower Upper
 198 100
 51 37.9 17.9 57.9
 105 46.1 26.1 66.1

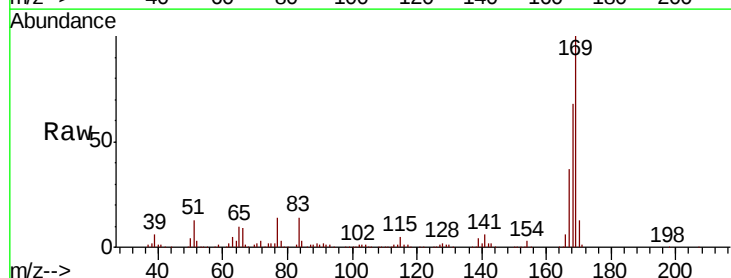


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM019911.D (-2101) (-)
 Ion 105.00 (104.70 to 105.70): E

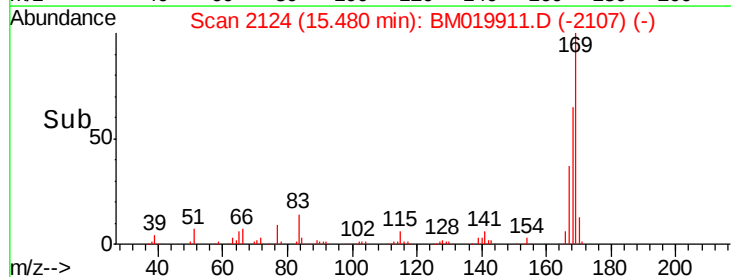
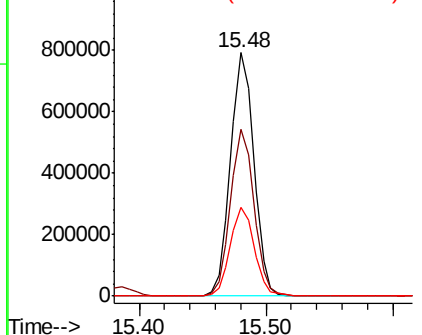


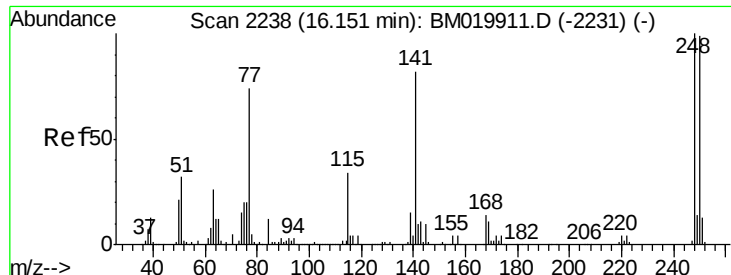
#66
 n-Nitrosodiphenylamine
 Concen: 40.568 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion:169 Resp: 1010365
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.7 82.1
 167 36.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

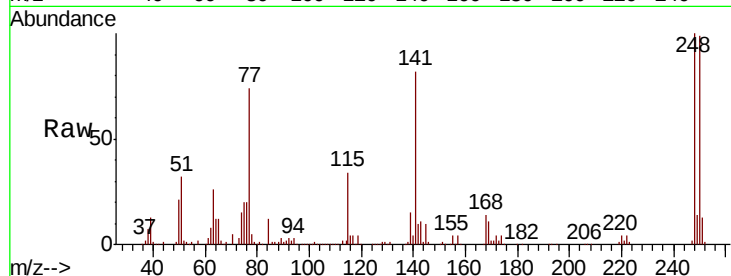




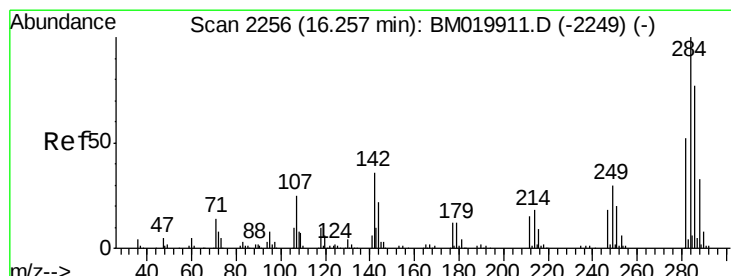
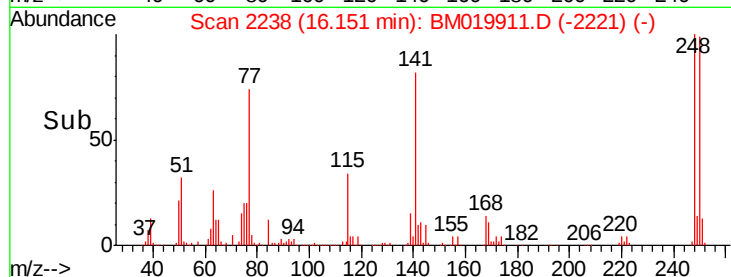
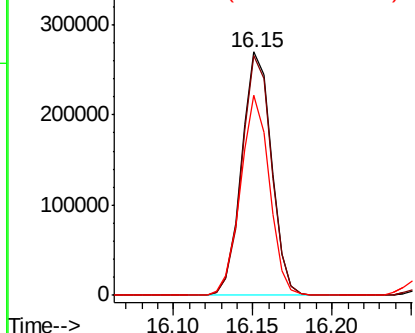
#67
 4-Bromophenyl-phenylether
 Concen: 40.925 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 353046
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.9 118.3
 141 82.0 65.6 98.4

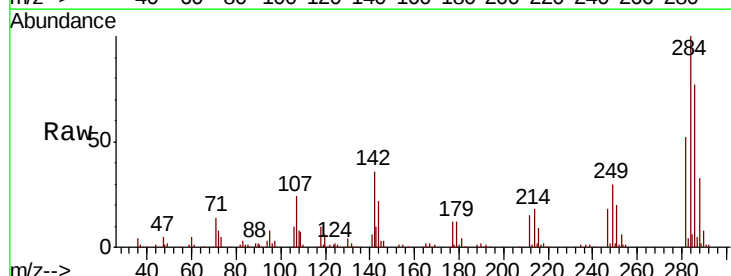


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

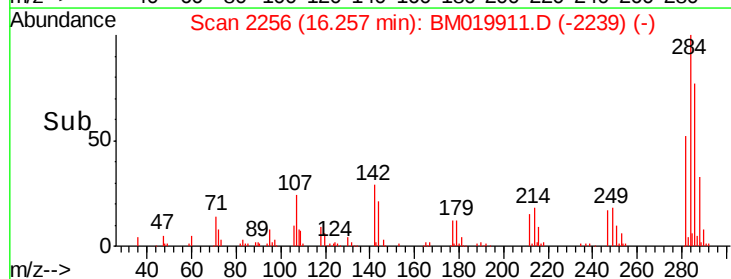
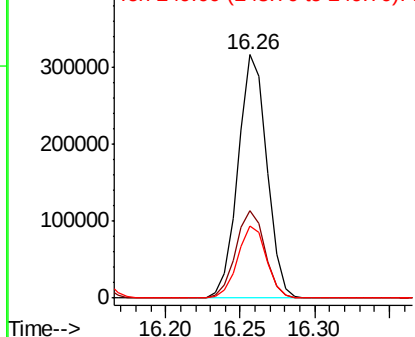


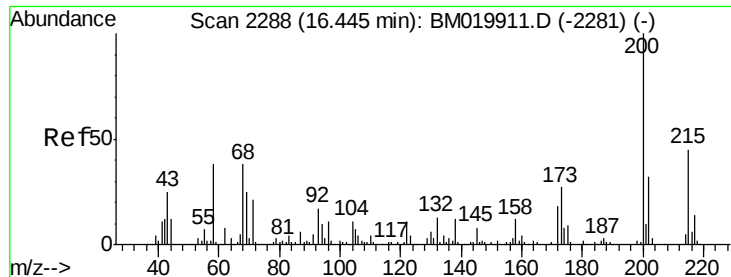
#68
 Hexachlorobenzene
 Concen: 41.444 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion:284 Resp: 425053
 Ion Ratio Lower Upper
 284 100
 142 36.1 28.9 43.3
 249 29.7 23.8 35.6



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: 42.720 ng

RT: 16.44 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

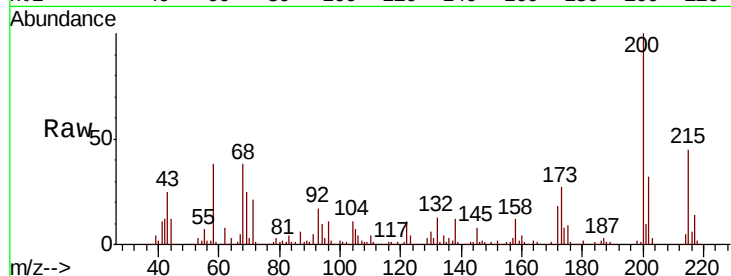
Tot Ion:200 Resp: 358154

Ion Ratio Lower Upper

200 100

173 27.2 7.2 47.2

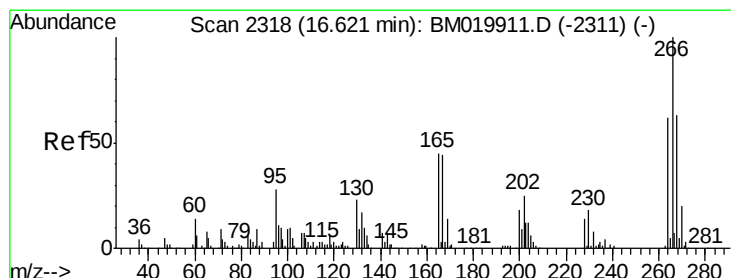
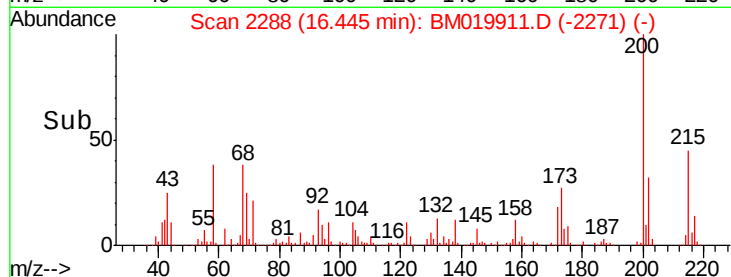
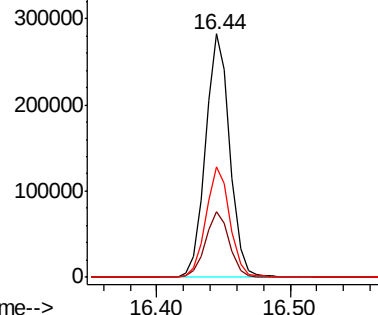
215 45.4 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.528 ng

RT: 16.62 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

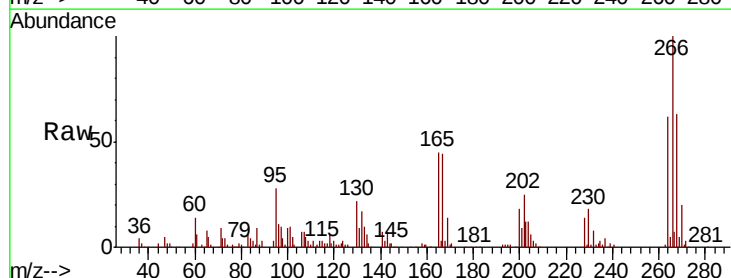
Tgt Ion:266 Resp: 219535

Ion Ratio Lower Upper

266 100

268 62.9 50.3 75.5

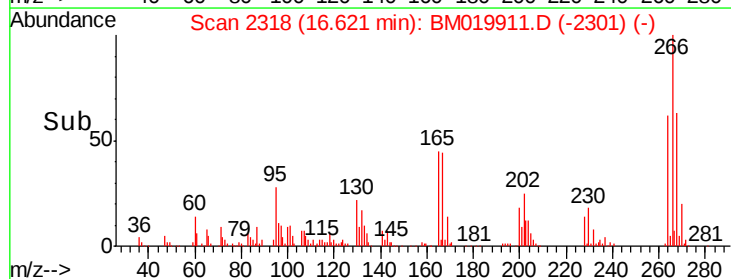
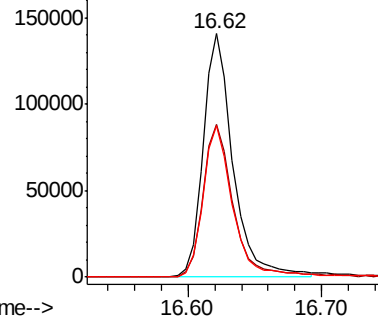
264 62.3 49.8 74.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

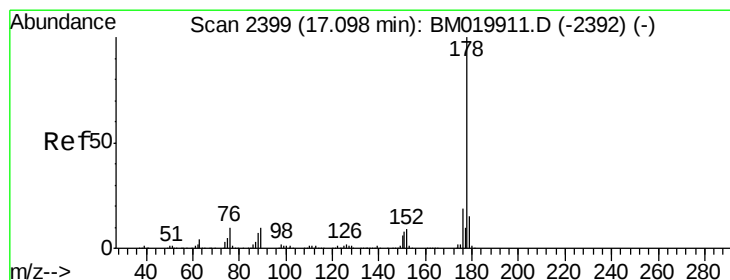
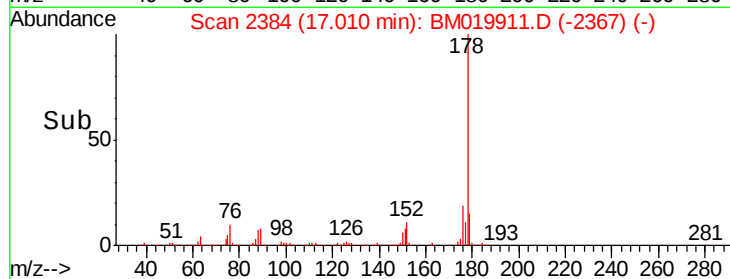
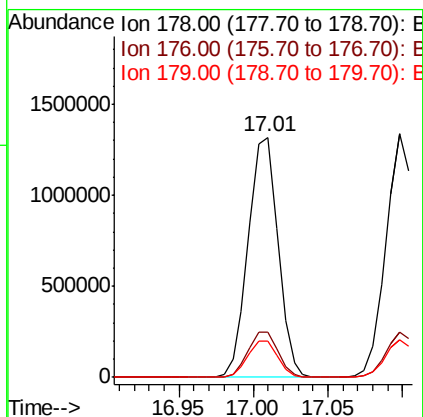
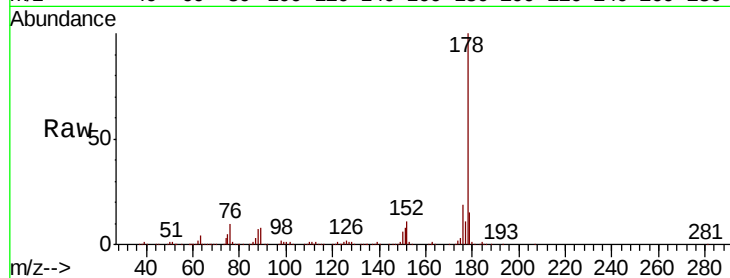




#71
Phenanthrene
Concen: 39.804 ng
RT: 17.01 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

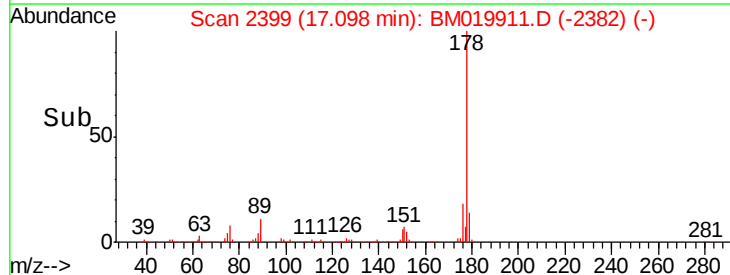
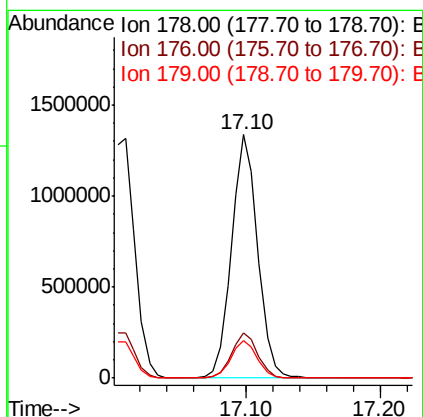
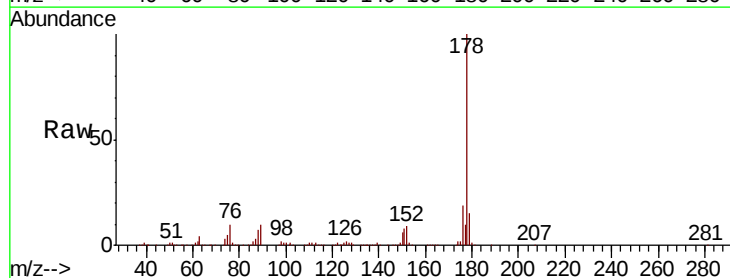
Instrument :
BNA_M
ClientSampleId :

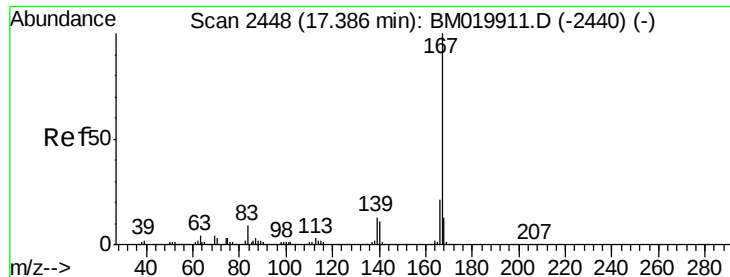
Tot Ion:178 Resp: 1825130
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 40.438 ng
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:178 Resp: 1815172
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4

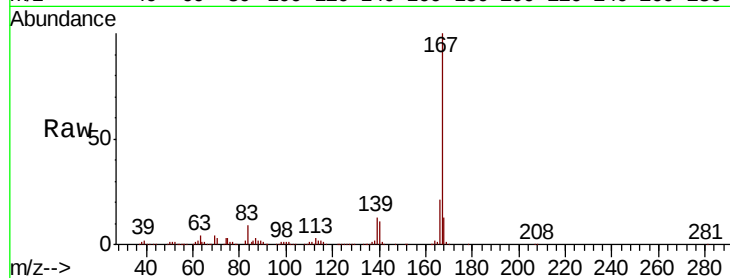




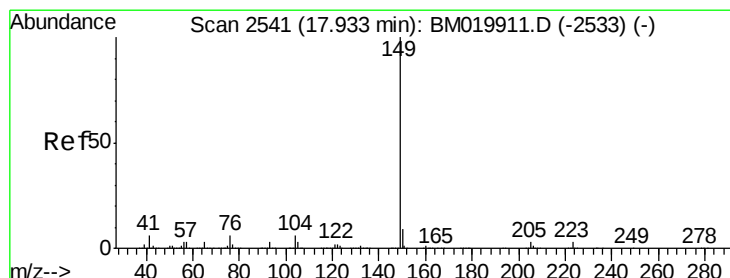
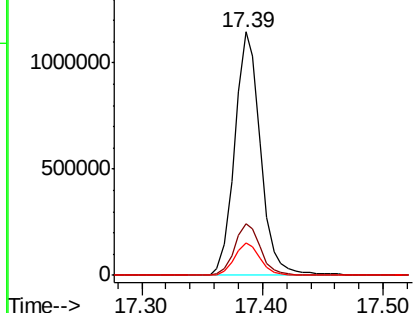
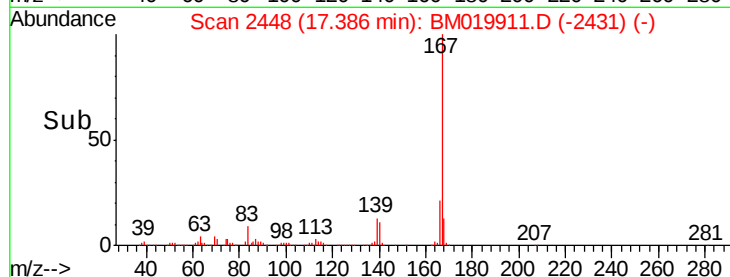
#73
 Carbazole
 Concen: 40.228 ng
 RT: 17.39 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1704319
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.4 10.7 16.1

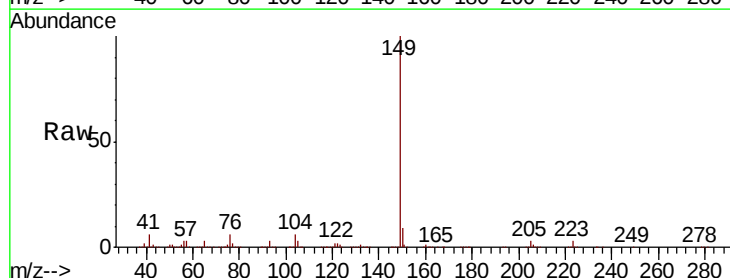


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

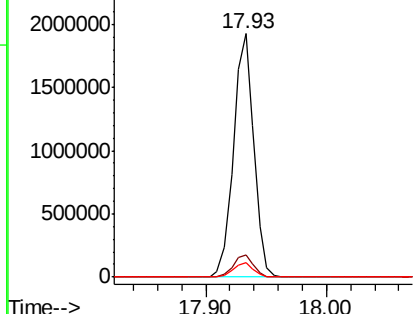
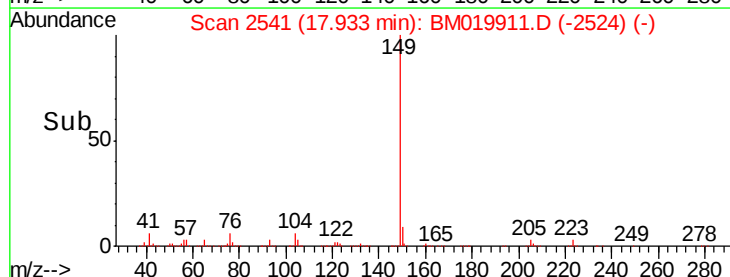


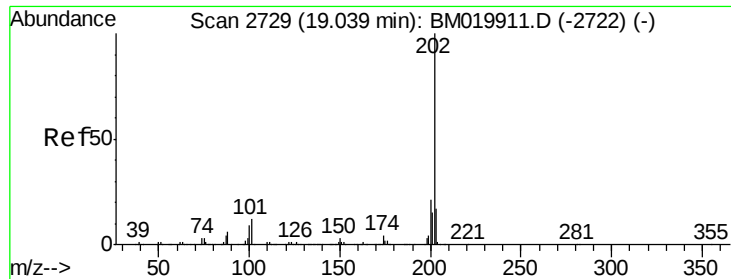
#74
 Di-n-butylphthalate
 Concen: 43.767 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. 0.00 min
 Lab File: BM019911.D
 Acq: 15 Apr 2019 12:27

Tgt Ion:149 Resp: 2242285
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 5.8 4.6 7.0



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: 39.772 ng

RT: 19.04 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

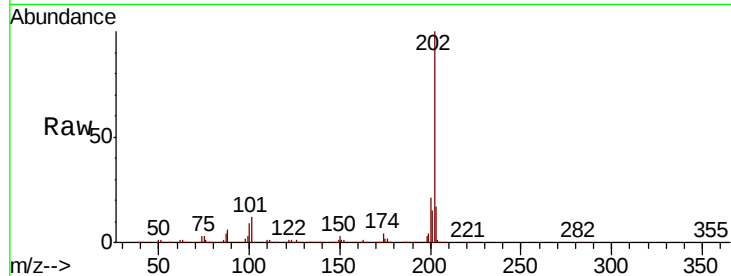
Tot Ion:202 Resp: 2092592

Ion Ratio Lower Upper

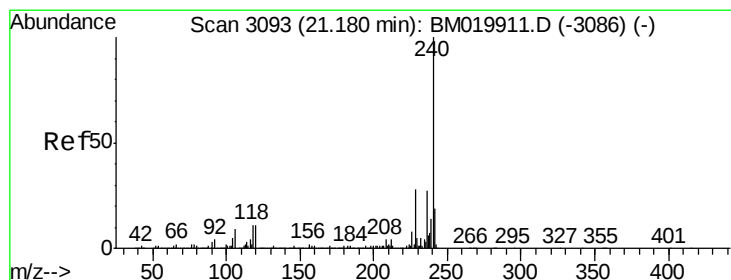
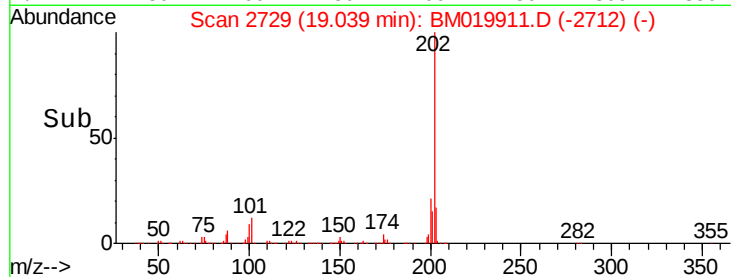
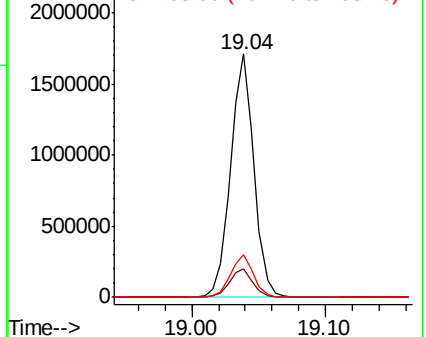
202 100

101 11.7 0.0 31.7

203 17.4 0.0 37.4



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: 21.18 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

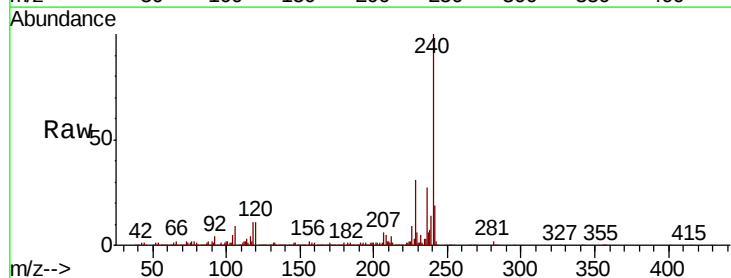
Tgt Ion:240 Resp: 800699

Ion Ratio Lower Upper

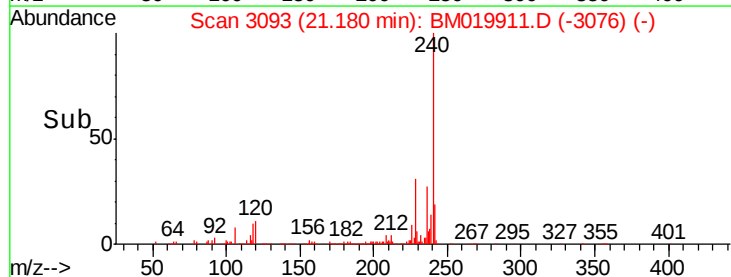
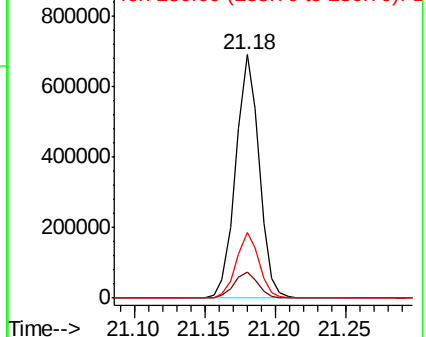
240 100

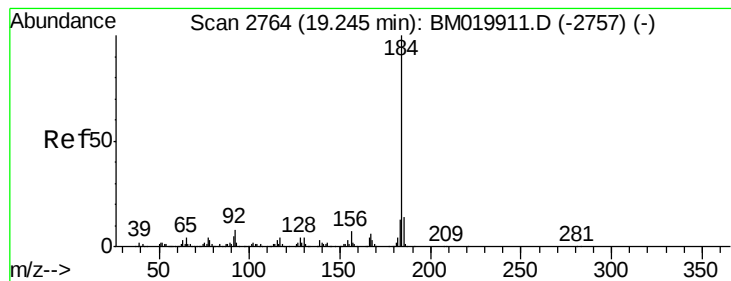
120 10.8 8.6 13.0

236 26.8 21.4 32.2



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: 39.107 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

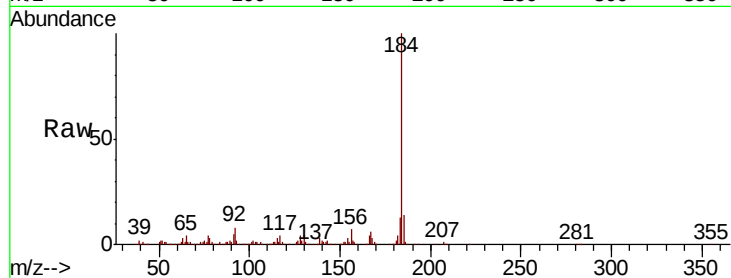
Tot Ion:184 Resp: 888049

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.6

183 12.6 10.1 15.1

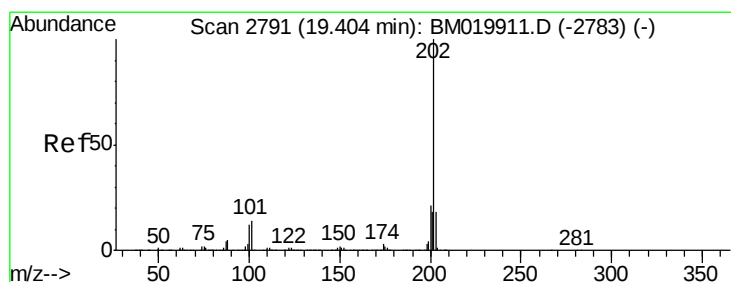
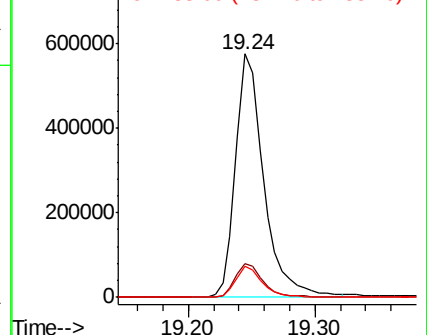
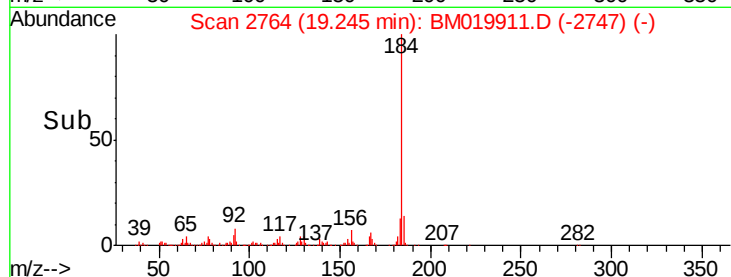


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.577 ng

RT: 19.40 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

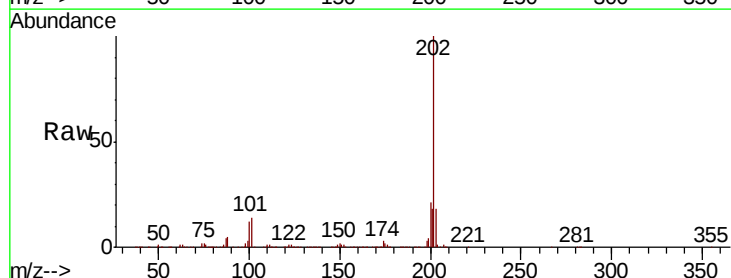
Tgt Ion:202 Resp: 2157012

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.5 14.0 21.0

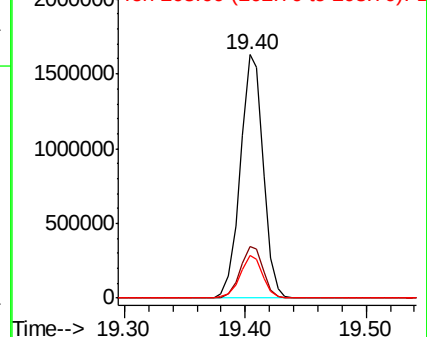
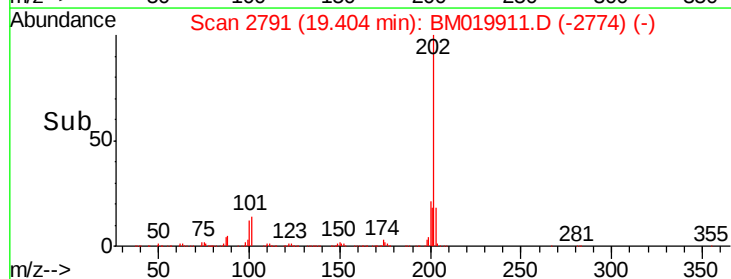


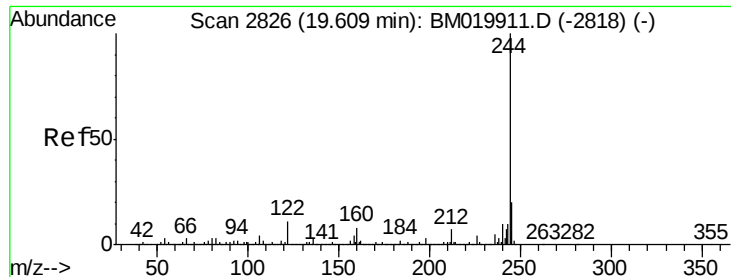
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.466 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

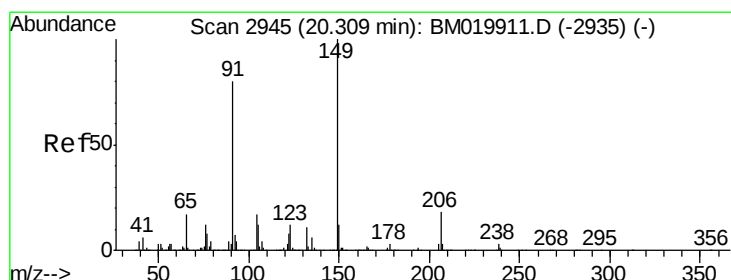
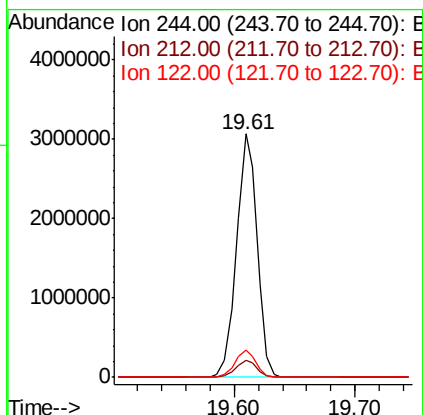
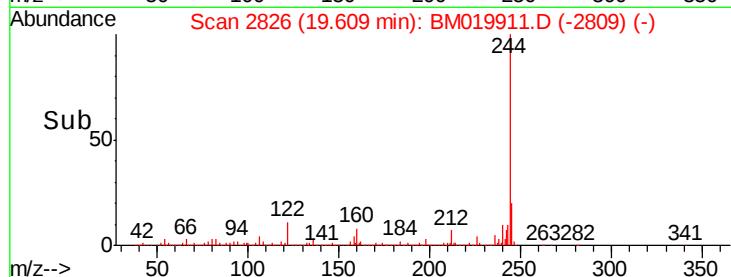
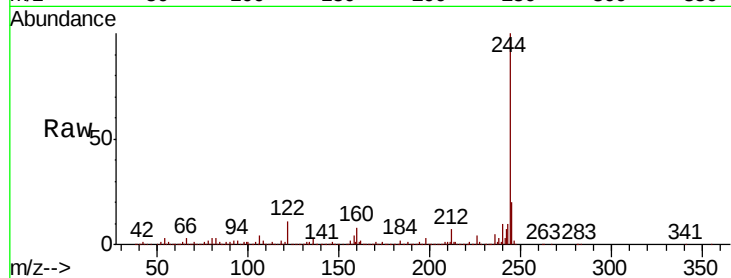
Tot Ion:244 Resp: 3648751

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 11.4 9.1 13.7



#80

Butylbenzylphthalate

Concen: 47.336 ng

RT: 20.31 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

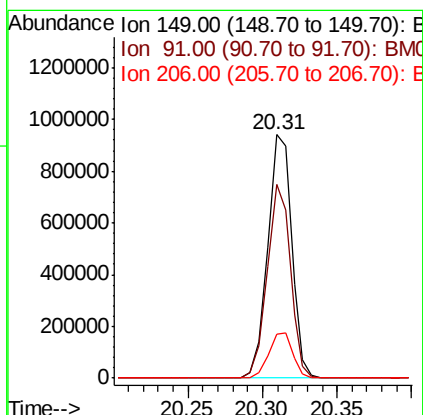
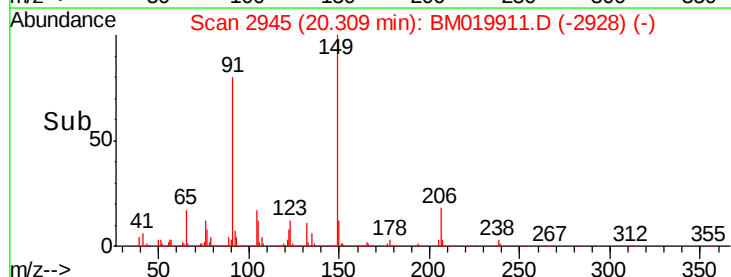
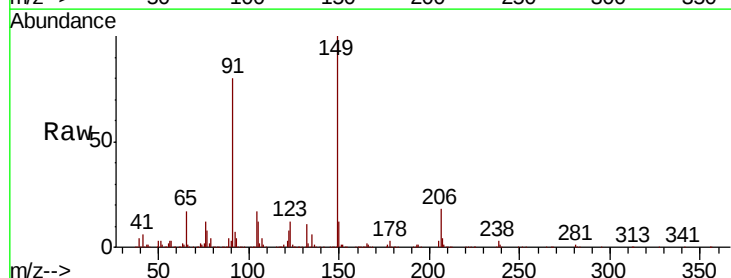
Tgt Ion:149 Resp: 1044507

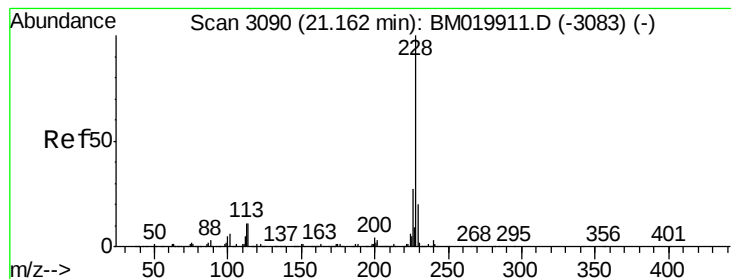
Ion Ratio Lower Upper

149 100

91 79.6 63.7 95.5

206 18.2 14.6 21.8





#81

Benzo(a)anthracene

Concen: 40.064 ng

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

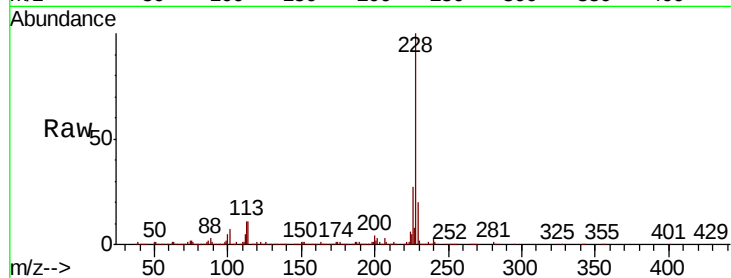
Tot Ion:228 Resp: 2012549

Ion Ratio Lower Upper

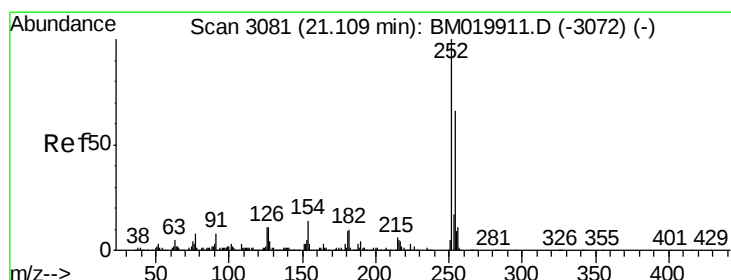
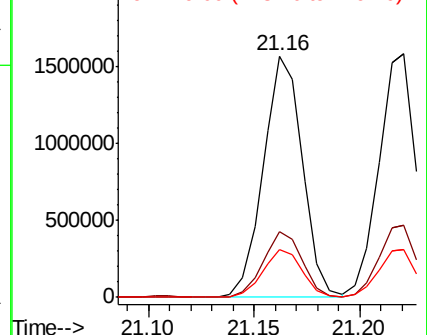
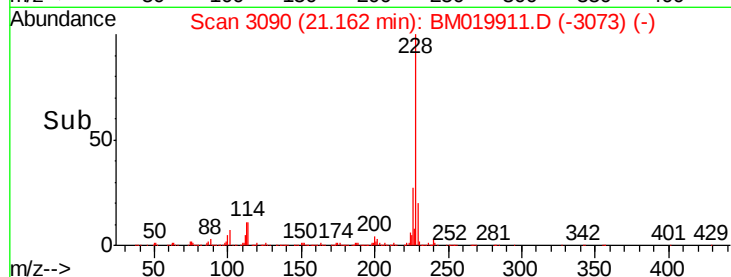
228 100

226 27.2 21.8 32.6

229 19.9 15.9 23.9



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: 39.989 ng

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

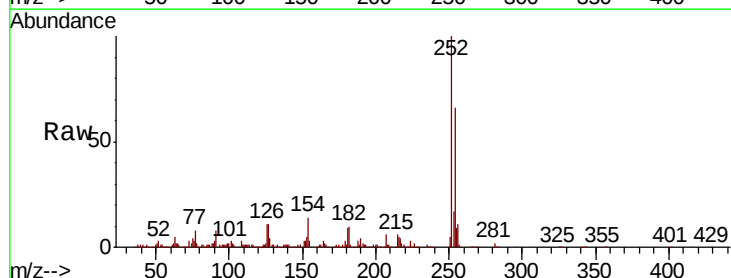
Tgt Ion:252 Resp: 773842

Ion Ratio Lower Upper

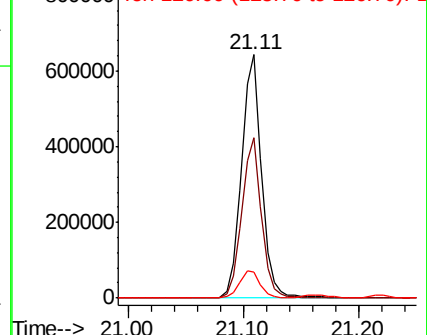
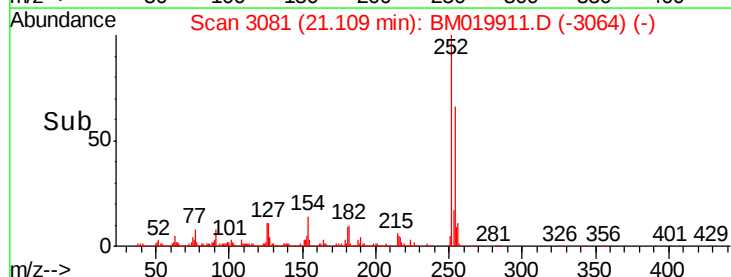
252 100

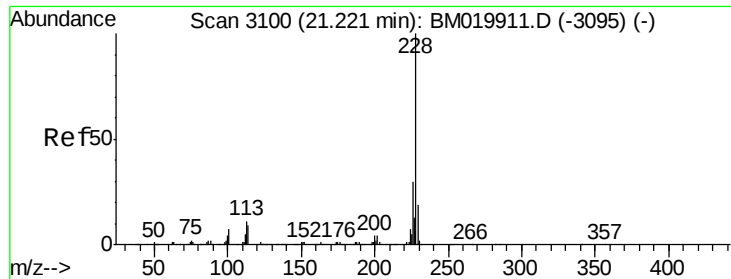
254 65.7 52.6 78.8

126 10.7 8.6 12.8



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

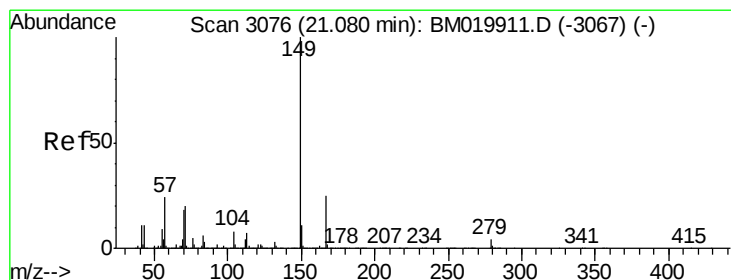
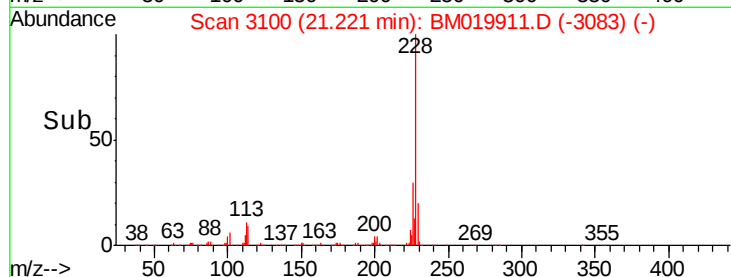
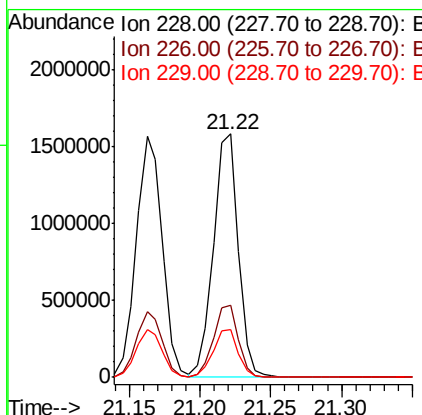
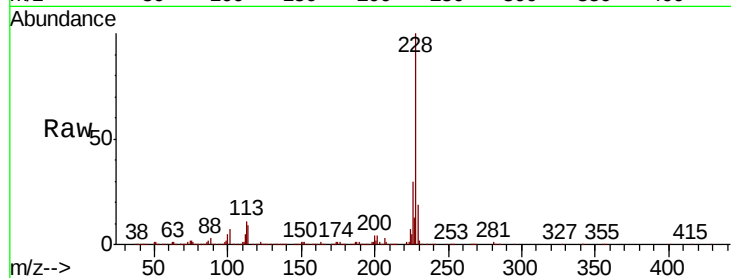




#83
Chrysene
Concen: 39.774 ng
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

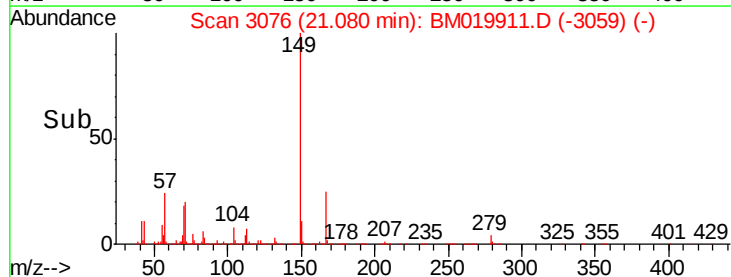
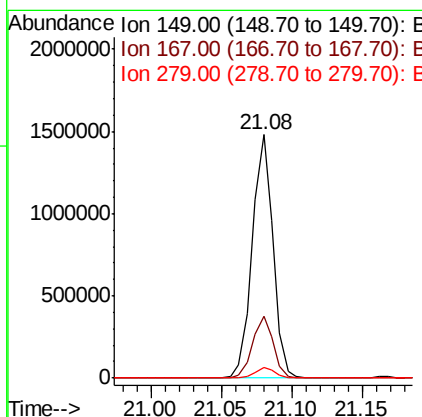
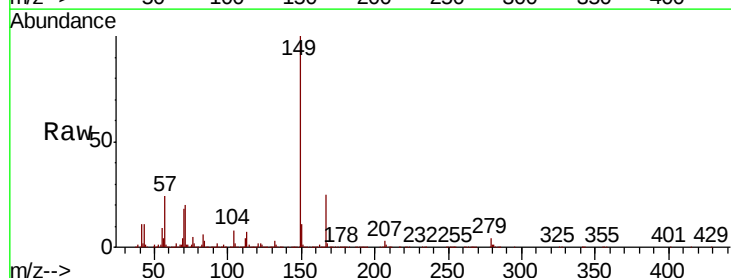
Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 1932891
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.588 ng
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:149 Resp: 1527670
Ion Ratio Lower Upper
149 100
167 25.4 20.3 30.5
279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 45.591 ng

RT: 21.94 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampled :

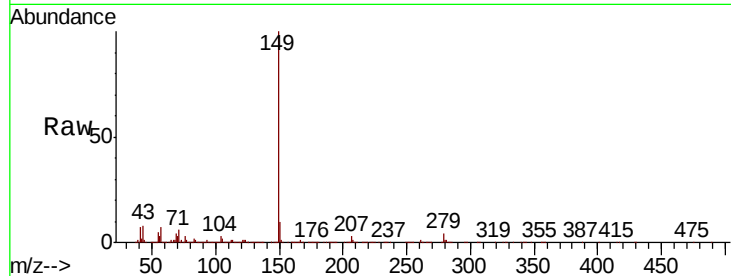
Tot Ion:149 Resp: 2464471

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

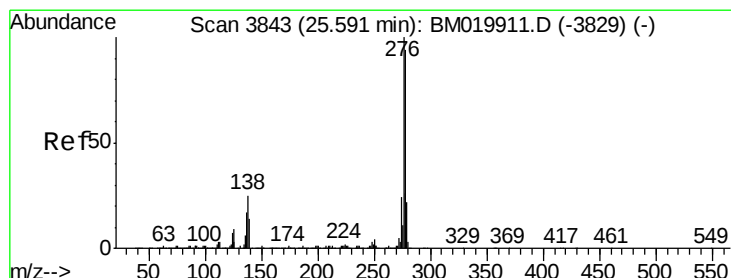
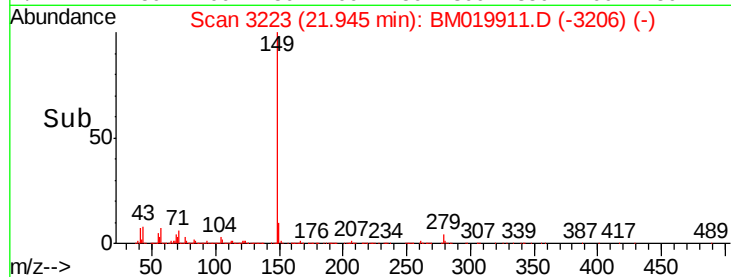
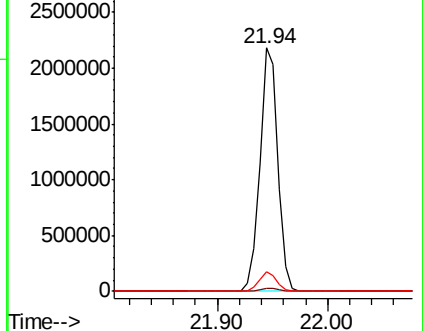
43 7.5 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.252 ng

RT: 25.59 min Scan# 3843

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

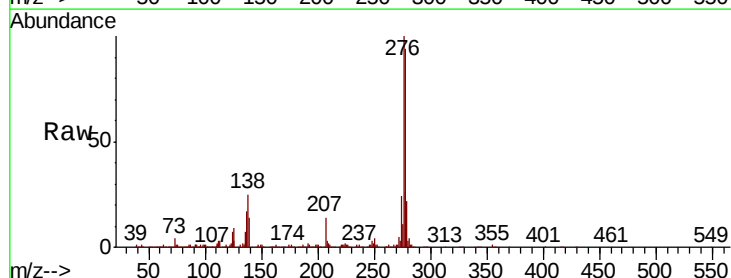
Tgt Ion:276 Resp: 1896473

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.6

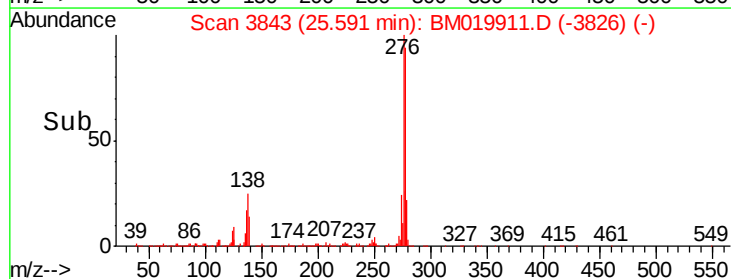
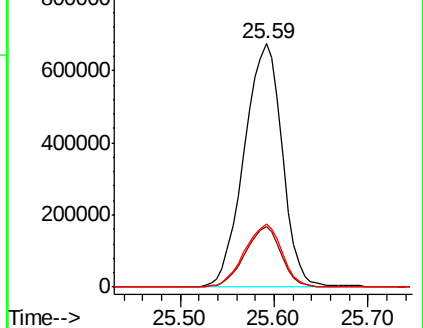
277 25.4 20.3 30.5

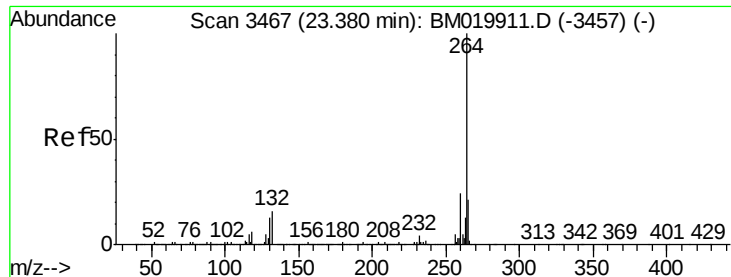


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

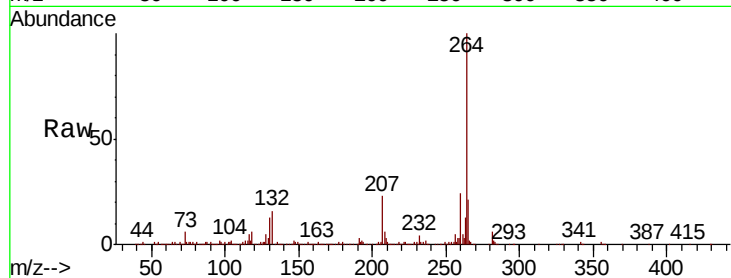
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 715426

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.2	25.8

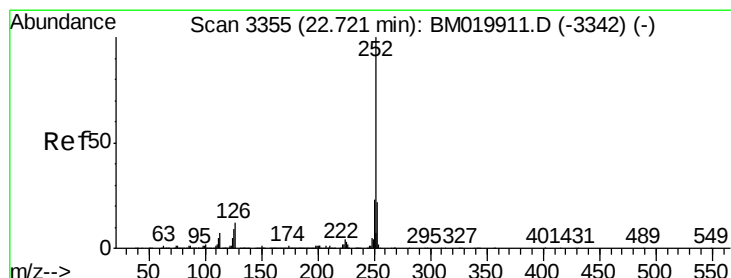
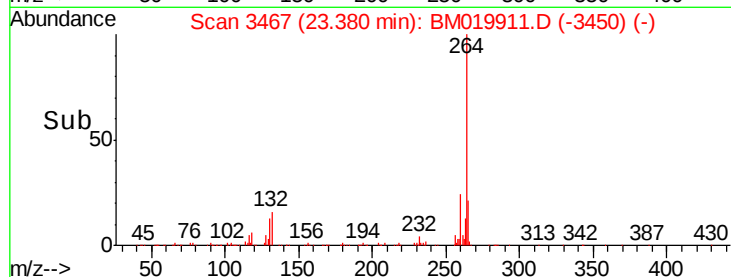
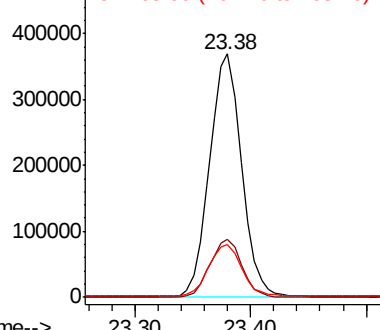


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.935 ng

RT: 22.72 min Scan# 3355

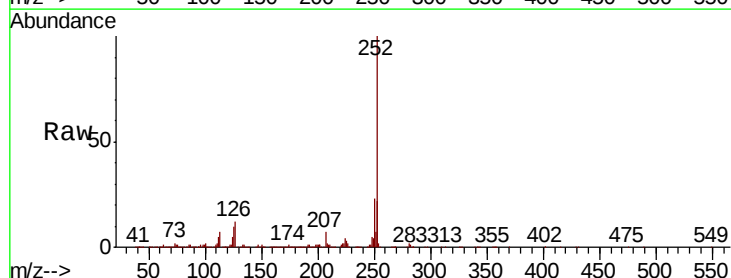
Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Tgt Ion:252 Resp: 1851295

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	7.6	11.4

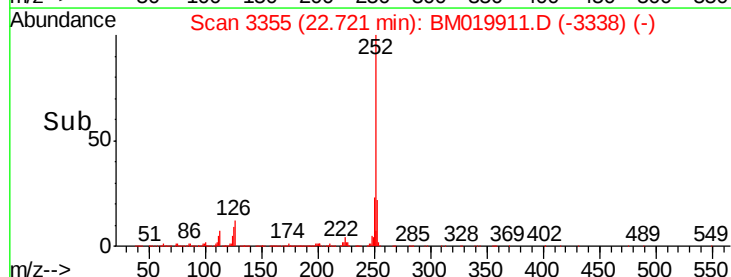
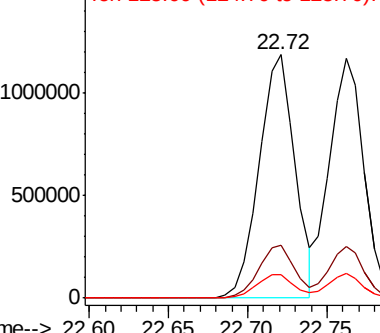


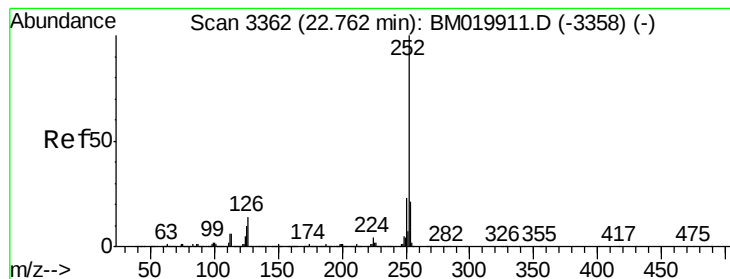
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.622 ng

RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

Instrument :

BNA_M

ClientSampleId :

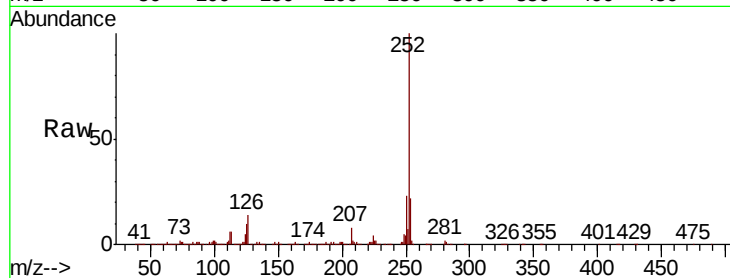
Tot Ion:252 Resp: 1774711

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

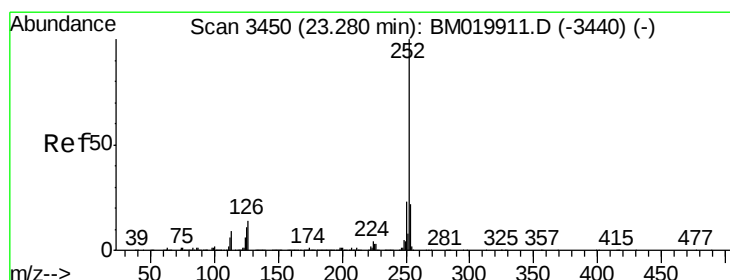
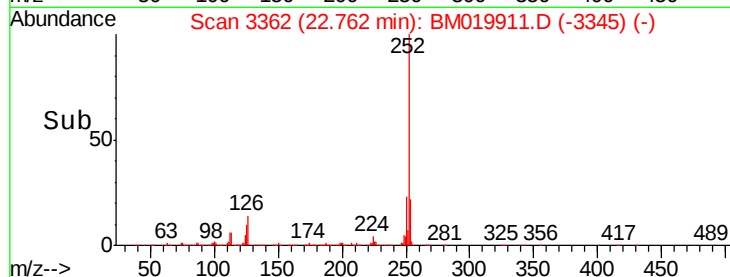
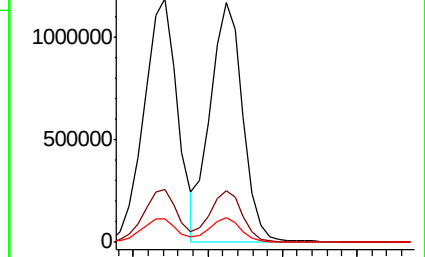
125 10.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.690 ng

RT: 23.28 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM019911.D

Acq: 15 Apr 2019 12:27

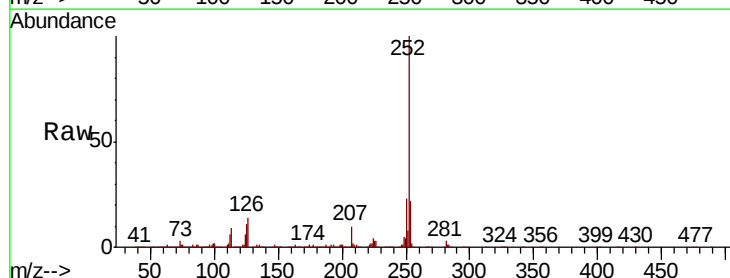
Tgt Ion:252 Resp: 1653490

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

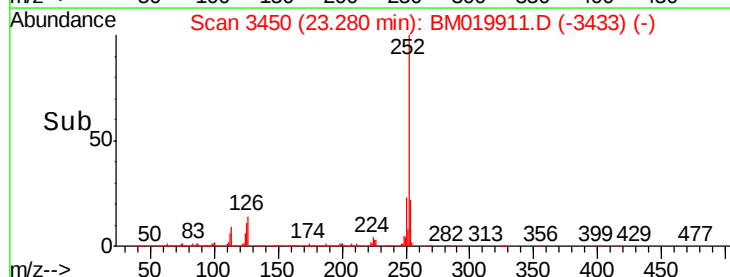
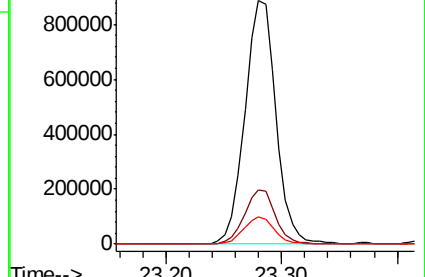
125 11.4 9.1 13.7

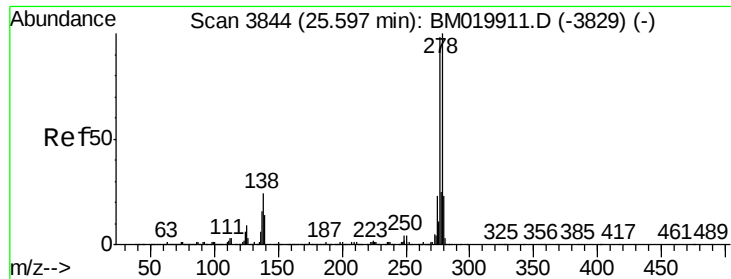


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

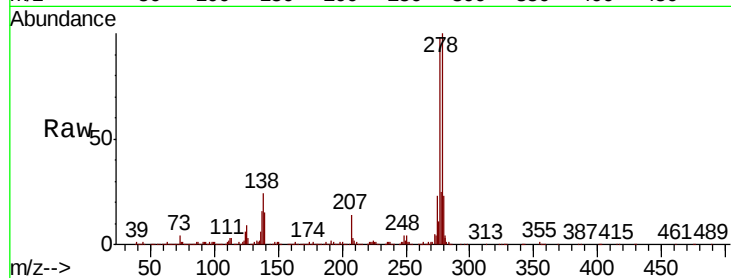




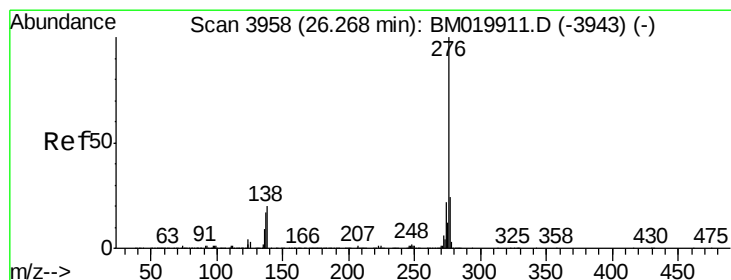
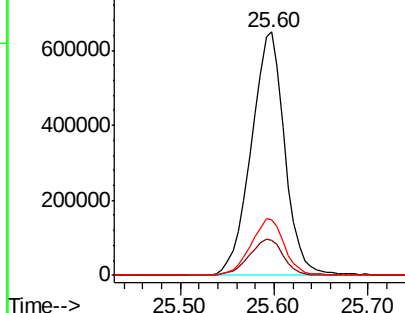
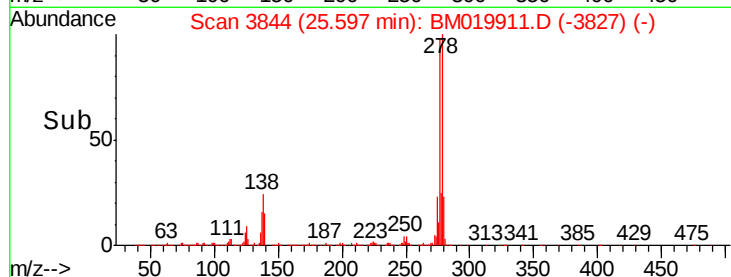
#91
Dibenzo(a,h)anthracene
Concen: 40.050 ng
RT: 25.60 min Scan# 3844
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1596082
Ion Ratio Lower Upper
278 100
139 14.5 11.6 17.4
279 23.0 18.4 27.6

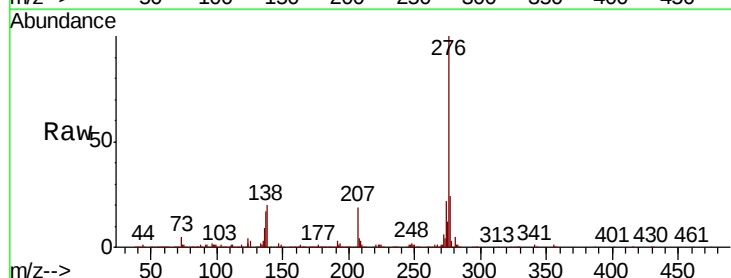


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.753 ng
RT: 26.27 min Scan# 3958
Delta R.T. 0.00 min
Lab File: BM019911.D
Acq: 15 Apr 2019 12:27

Tgt Ion:276 Resp: 1454468
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.3 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

