

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112133.D
 Acq On : 18 Jan 2019 19:14
 Operator : JU/SJ
 Sample : K1011-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Quant Time: Jan 18 23:37:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	276631	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1085906	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	554023	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1032143	20.00	ng	0.00
76) Chrysene-d12	14.03	240	613988	20.00	ng	0.00
87) Perylene-d12	15.50	264	596673	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1686991	110.69	ng	0.02
7) Phenol-d6	6.51	99	2006295	105.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	1520463	96.74	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	788814	131.98	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3060984	81.00	ng	0.00
79) Terphenyl-d14	12.97	244	2787901	96.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	230326	32.222	ng	# 82
3) Pyridine	3.52	79	538135	30.058	ng	97
4) n-Nitrosodimethylamine	3.45	42	298526	41.068	ng	100
6) Aniline	6.52	93	183370	7.906	ng	# 1
8) 2-Chlorophenol	6.66	128	743192	41.986	ng	98
9) Benzaldehyde	6.41	77	193924	14.849	ng	98
10) Phenol	6.52	94	709367	34.038	ng	# 77
11) bis(2-Chloroethyl)ether	6.59	93	686843	41.450	ng	98
12) 1,3-Dichlorobenzene	6.80	146	807903	39.994	ng	98
13) 1,4-Dichlorobenzene	6.87	146	821350	39.750	ng	99
14) 1,2-Dichlorobenzene	7.03	146	772008	40.561	ng	99
15) Benzyl Alcohol	7.00	79	622348	43.806	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	906515	37.936	ng	84
17) 2-Methylphenol	7.12	107	567298	42.676	ng	95
18) Hexachloroethane	7.37	117	284839	41.302	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	508063	43.735	ng	96
20) 3+4-Methylphenols	7.27	107	724502	44.950	ng	# 77
22) Acetophenone	7.26	105	1009595	40.131	ng	96
24) Nitrobenzene	7.44	77	770319	46.244	ng	97
25) Isophorone	7.68	82	1417340	46.686	ng	98
26) 2-Nitrophenol	7.76	139	404729	47.387	ng	97
27) 2,4-Dimethylphenol	7.80	122	666523	47.298	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	898571	43.149	ng	100
29) 2,4-Dichlorophenol	8.00	162	673395	43.743	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	734120	41.092	ng	98
31) Naphthalene	8.16	128	2178915	44.116	ng	99
32) Benzoic acid	7.94	122	318644	48.707	ng	95
33) 4-Chloroaniline	8.21	127	151370	6.819	ng	98
34) Hexachlorobutadiene	8.28	225	394984	39.729	ng	97
35) Caprolactam	8.58	113	101736	18.882	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	679752	45.210	ng	97
37) 2-Methylnaphthalene	8.86	142	1587677	47.339	ng	99
38) 1-Methylnaphthalene	8.96	142	1496271	46.422	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	741039	41.654	ng	99

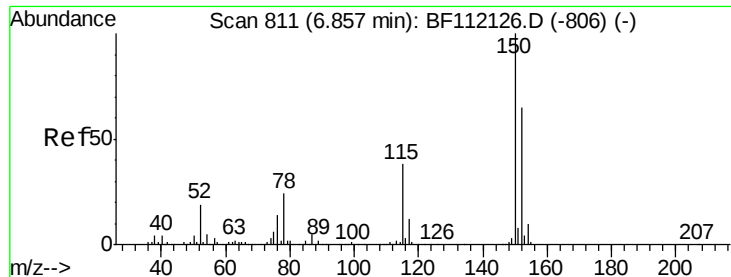
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	303677	46.384	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	492672	46.292	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	534924	47.192	ng	99
46) 1,1'-Biphenyl	9.32	154	1928693	41.633	ng	99
47) 2-Chloronaphthalene	9.35	162	1508970	41.613	ng	98
48) 2-Nitroaniline	9.44	65	417895	51.163	ng	93
49) Acenaphthylene	9.76	152	2368966	44.768	ng	100
50) Dimethylphthalate	9.62	163	1841534	45.578	ng	100
51) 2,6-Dinitrotoluene	9.68	165	416530	51.622	ng	92
52) Acenaphthene	9.93	154	1383053	42.717	ng	100
53) 3-Nitroaniline	9.85	138	105750	11.720	ng	96
54) 2,4-Dinitrophenol	9.96	184	201279	77.678	ng	96
55) Dibenzofuran	10.10	168	2094219	42.772	ng	96
56) 4-Nitrophenol	10.03	139	497521	77.349	ng	97
57) 2,4-Dinitrotoluene	10.09	165	533671	51.187	ng	# 85
58) Fluorene	10.45	166	1626625	44.465	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	439637	51.399	ng	99
60) Diethylphthalate	10.32	149	1817544	46.084	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	813109	41.190	ng	94
62) 4-Nitroaniline	10.47	138	353102	39.410	ng	93
63) Azobenzene	10.60	77	1580555	41.848	ng	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	159842	39.411	ng	92
66) n-Nitrosodiphenylamine	10.56	169	1514624	44.389	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	527228	43.977	ng	92
68) Hexachlorobenzene	11.00	284	541717	41.947	ng	96
69) Atrazine	11.09	200	515402	46.809	ng	99
70) Pentachlorophenol	11.20	266	490541	79.077	ng	99
71) Phenanthrene	11.41	178	2269912	43.700	ng	100
72) Anthracene	11.46	178	2323364	44.155	ng	99
73) Carbazole	11.62	167	2069380	39.259	ng	98
74) Di-n-butylphthalate	11.94	149	2706932	45.654	ng	99
75) Fluoranthene	12.60	202	2101519	38.319	ng	99
77) Benzidine	12.71	184	443192	21.634	ng	95
78) Pyrene	12.83	202	2055218	50.736	ng	100
80) Butylbenzylphthalate	13.43	149	1007823	56.711	ng	91
81) Benzo(a)anthracene	14.02	228	1594251	45.286	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	292900	22.216	ng	99
83) Chrysene	14.05	228	1509989	45.330	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1399099	54.933	ng	100
85) Di-n-octyl phthalate	14.61	149	2056841	52.414	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1386799	45.125	ng	98
88) Benzo(b)fluoranthene	15.07	252	1525304	45.035	ng	99
89) Benzo(k)fluoranthene	15.10	252	1506447	45.954	ng	99
90) Benzo(a)pyrene	15.44	252	1442460	46.440	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1183325	42.894	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1085578	39.943	ng	97

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

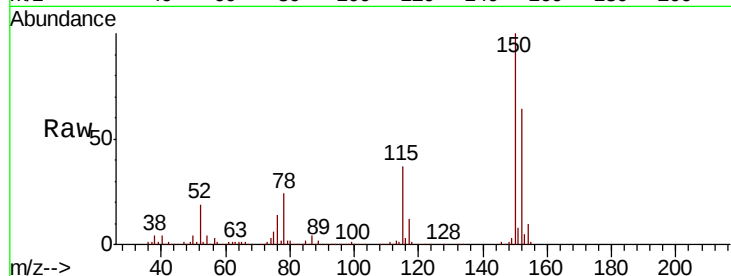


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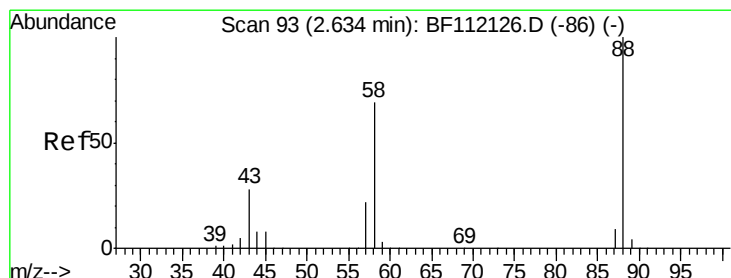
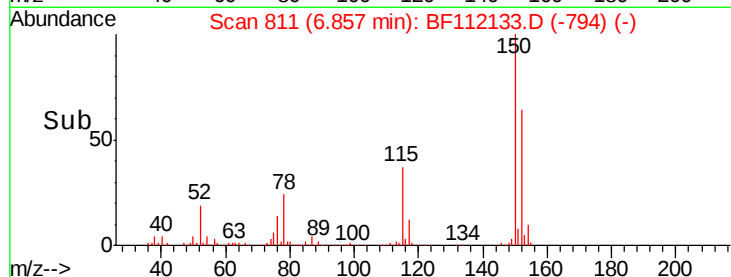
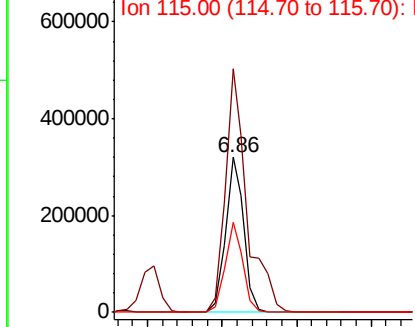
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:152 Resp: 276631
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 57.9 45.5 68.3



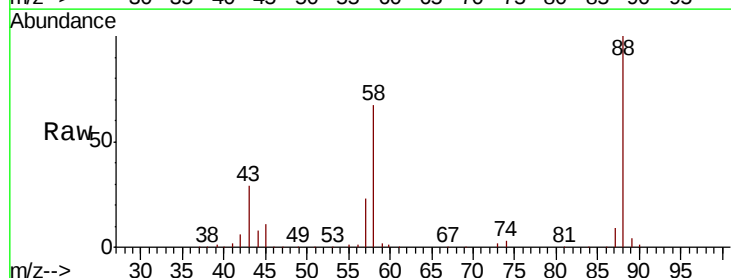
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



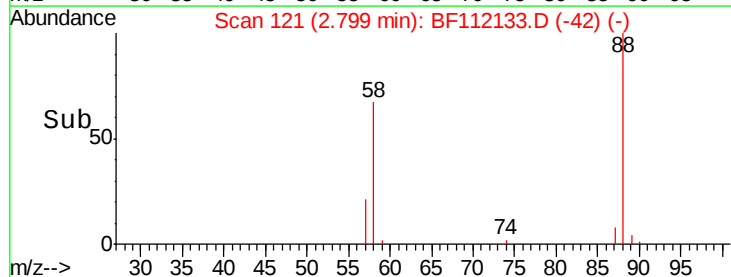
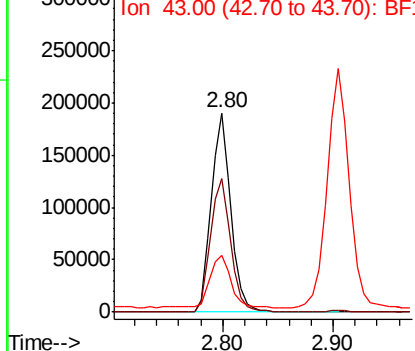
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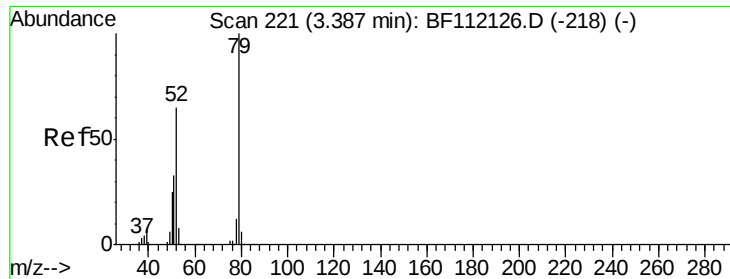
1,4-Dioxane
Concen: 32.222 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.16 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion: 88 Resp: 230326
Ion Ratio Lower Upper
88 100
58 68.7 57.4 86.2
43 0.0 22.2 33.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 30.058 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.13 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

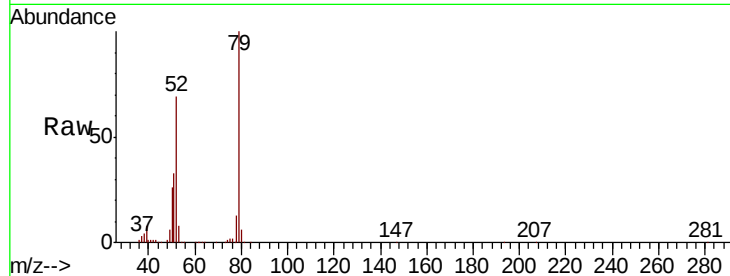
Tgt Ion: 79 Resp: 538135

Ion Ratio Lower Upper

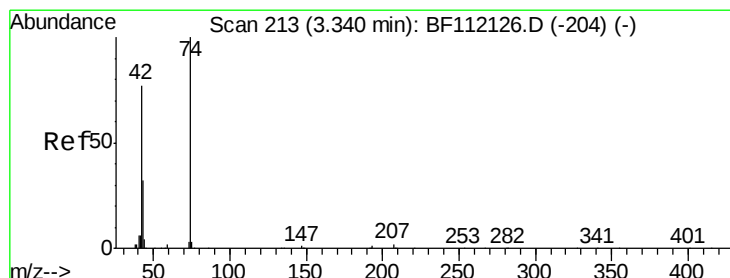
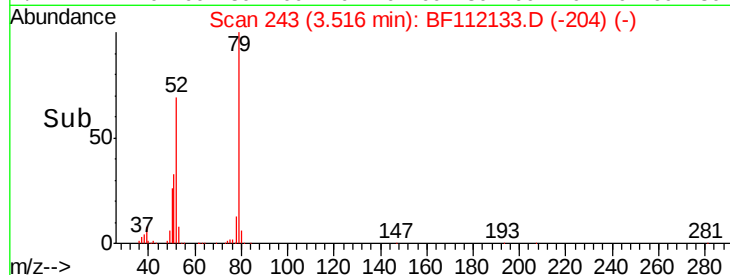
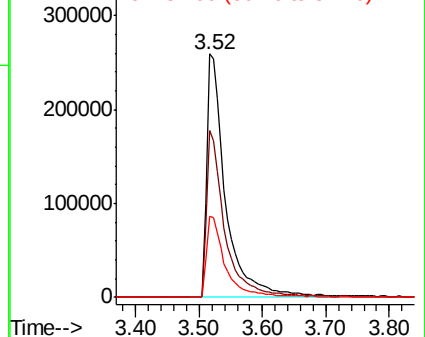
79 100

52 68.6 52.4 78.6

51 33.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.068 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.11 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

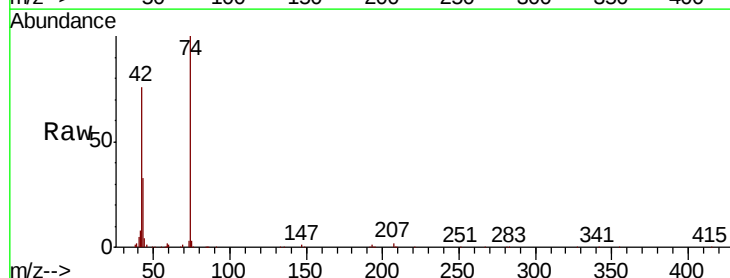
Tgt Ion: 42 Resp: 298526

Ion Ratio Lower Upper

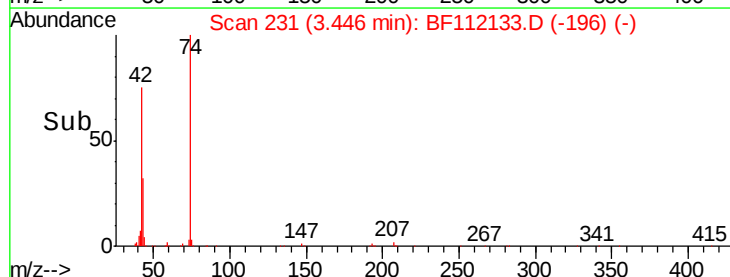
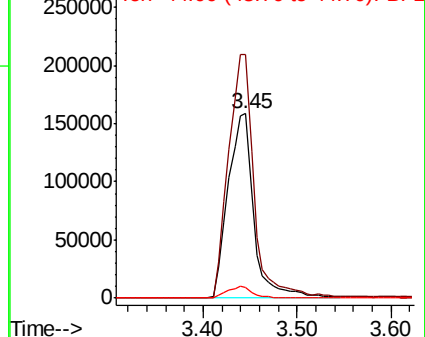
42 100

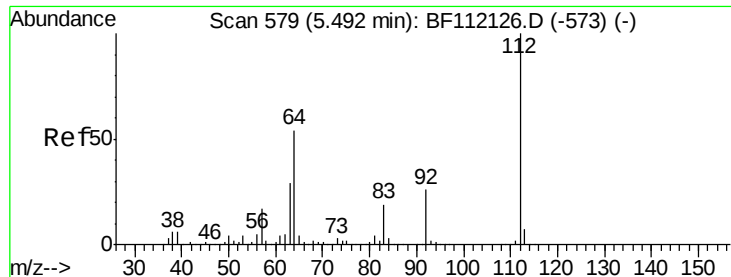
74 132.1 105.6 158.4

44 5.8 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.687 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

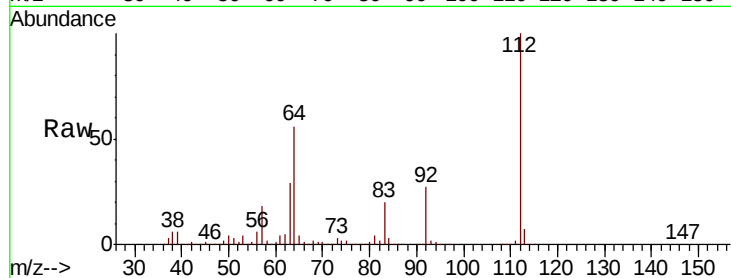
Tgt Ion: 112 Resp: 1686991

Ion Ratio Lower Upper

112 100

64 55.6 45.7 68.5

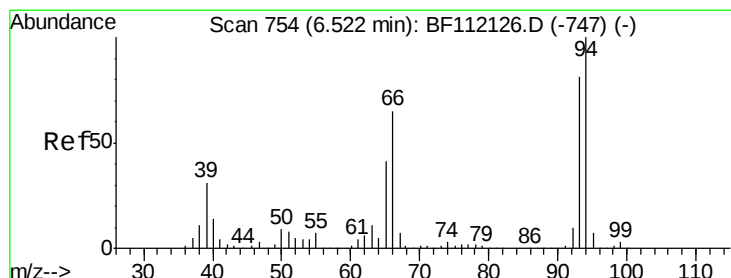
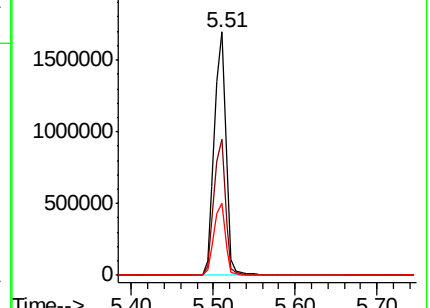
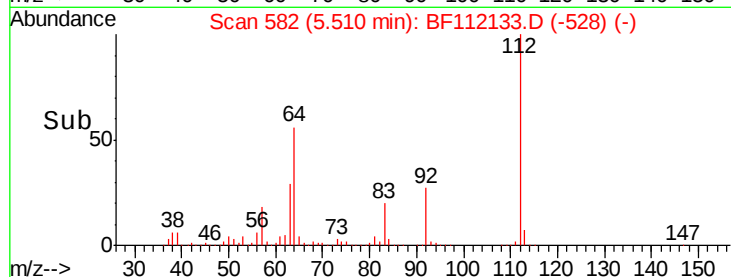
63 29.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.906 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

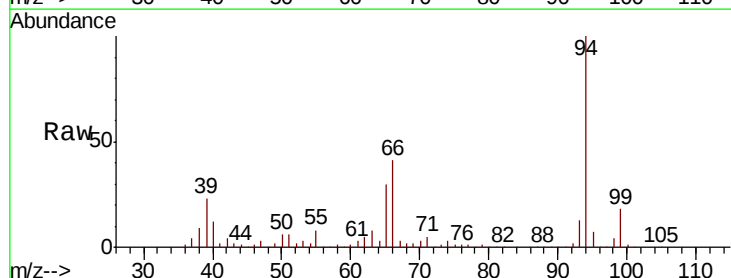
Tgt Ion: 93 Resp: 183370

Ion Ratio Lower Upper

93 100

66 317.7 43.4 65.2#

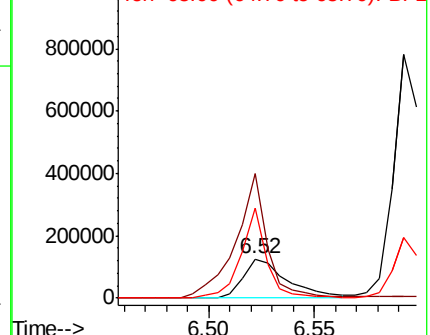
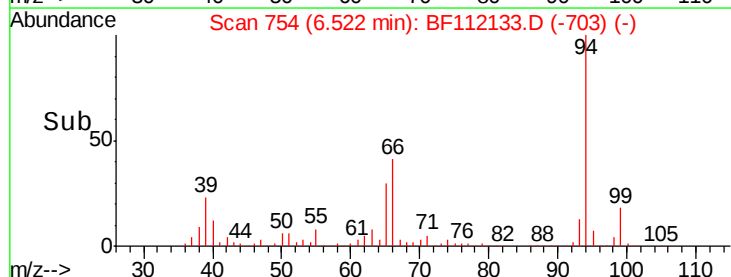
65 229.4 25.3 37.9#

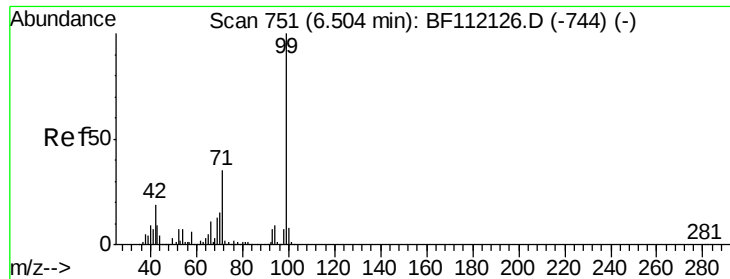


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.213 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

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ClientSampleId :

OR-03-011719-AMS

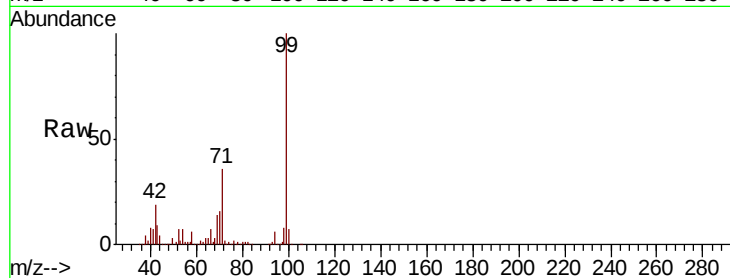
Tgt Ion: 99 Resp: 2006295

Ion Ratio Lower Upper

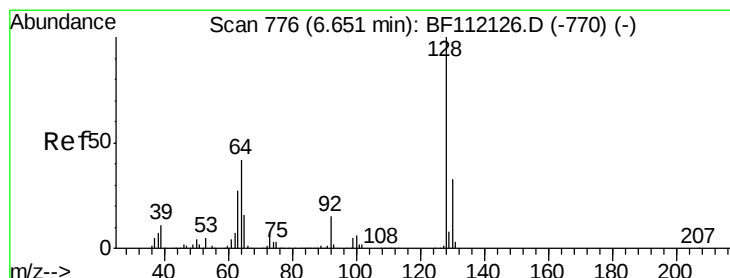
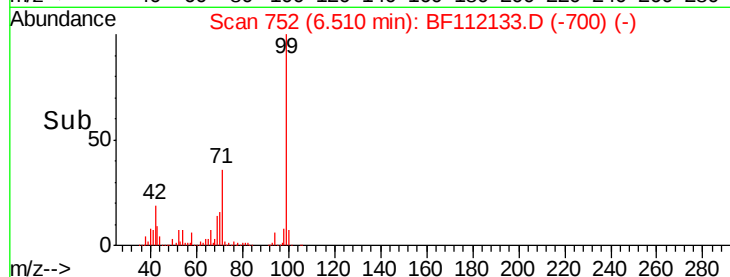
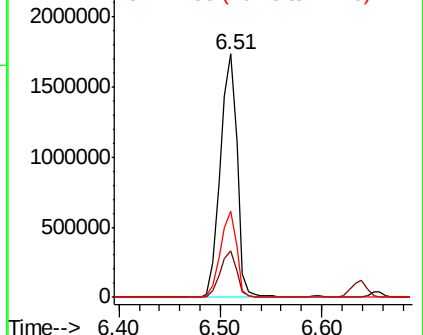
99 100

42 19.0 15.1 22.7

71 35.6 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.986 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

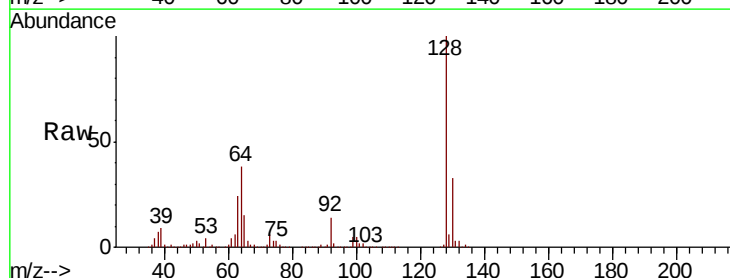
Tgt Ion: 128 Resp: 743192

Ion Ratio Lower Upper

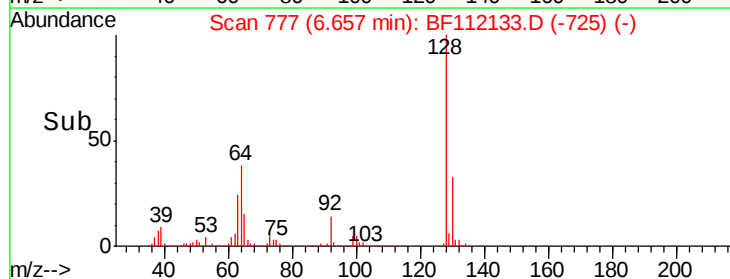
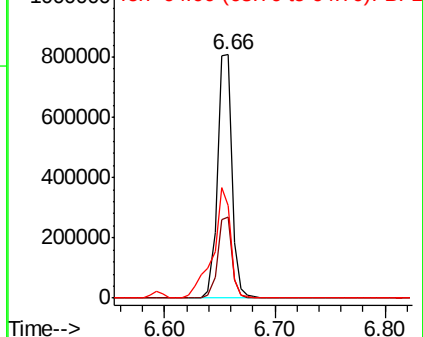
128 100

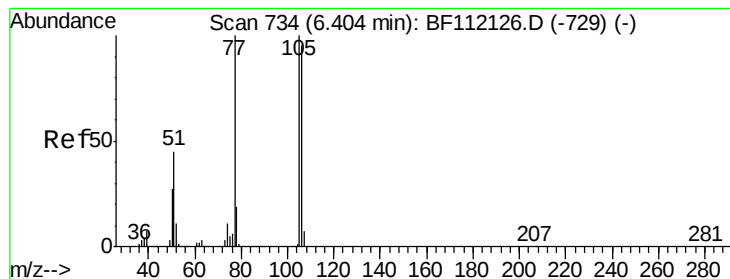
130 33.3 13.4 53.4

64 37.8 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.849 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

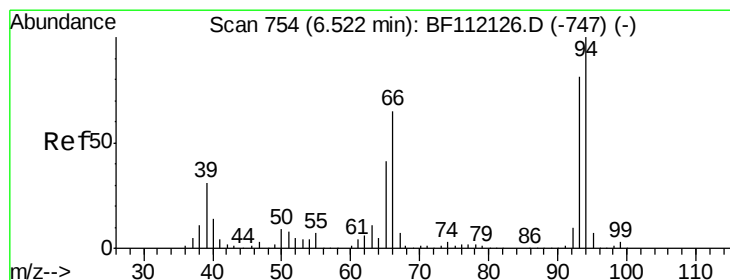
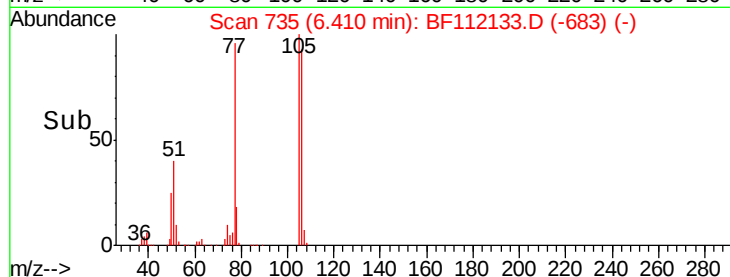
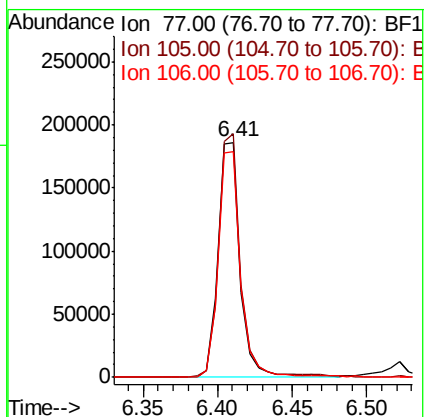
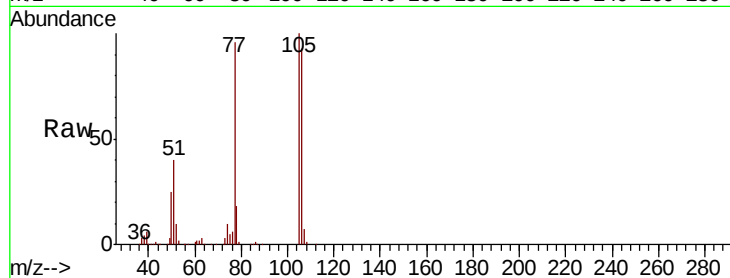
Tgt Ion: 77 Resp: 193924

Ion Ratio Lower Upper

77 100

105 103.8 80.8 120.8

106 96.4 75.7 115.7



#10

Phenol

Concen: 34.038 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

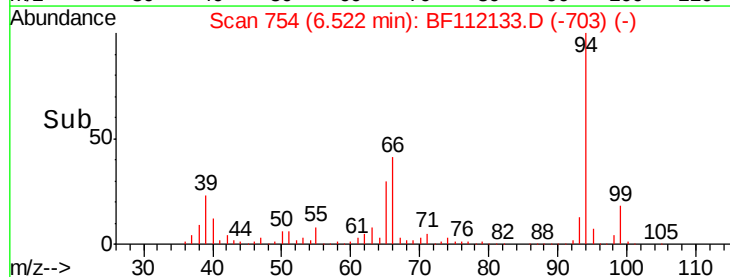
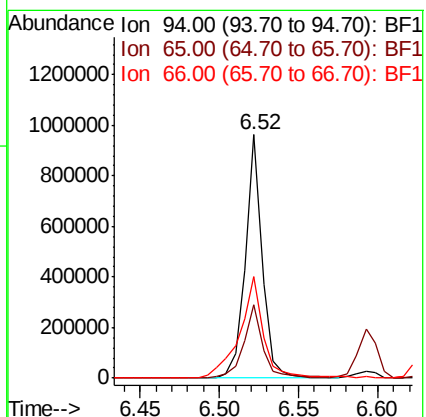
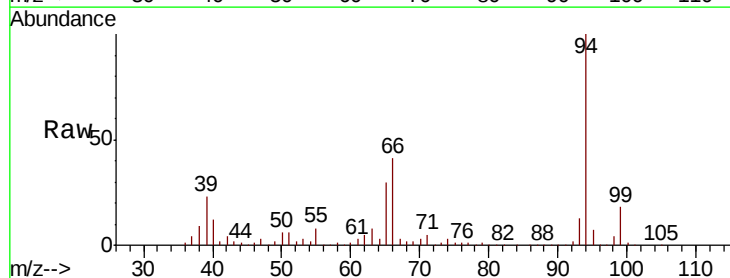
Tgt Ion: 94 Resp: 709367

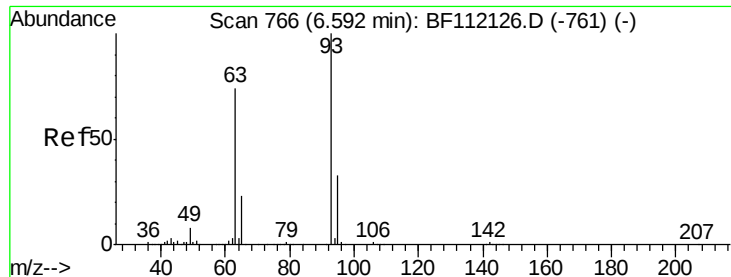
Ion Ratio Lower Upper

94 100

65 29.9 20.3 60.3

66 41.5 42.4 82.4#

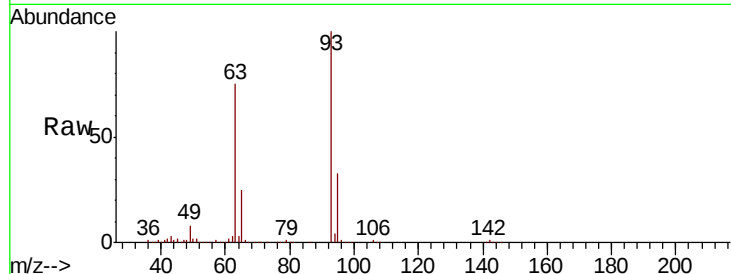




#11
 bis(2-Chloroethyl)ether
 Concen: 41.450 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.2	53.3	93.3
95	33.4	13.4	53.4

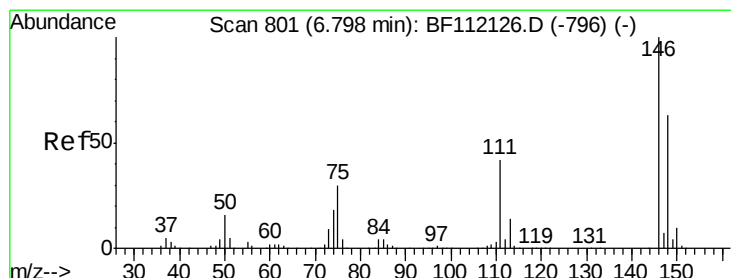
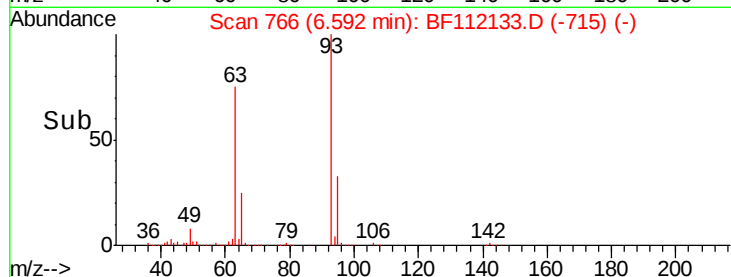
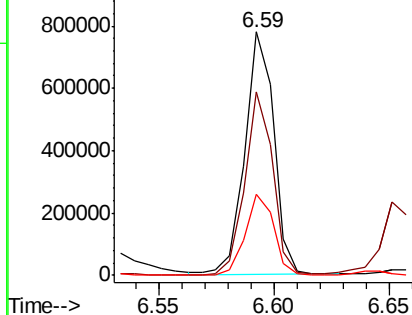


Abundance

Ion 93.00 (92.70 to 93.70): BF1

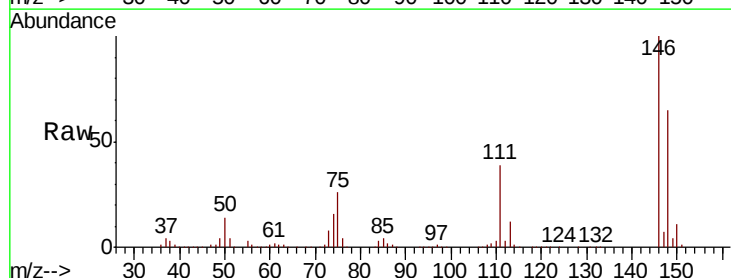
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
 1,3-Dichlorobenzene
 Concen: 39.994 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	25.8	23.1	34.7

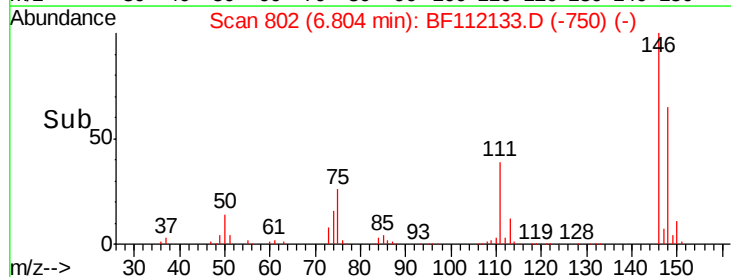
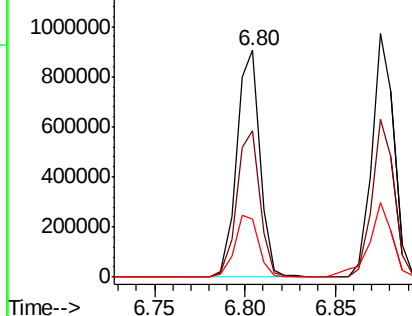


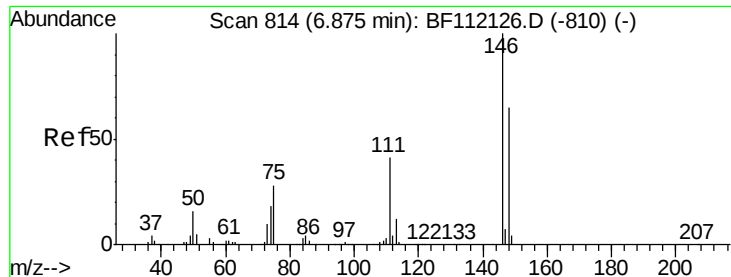
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

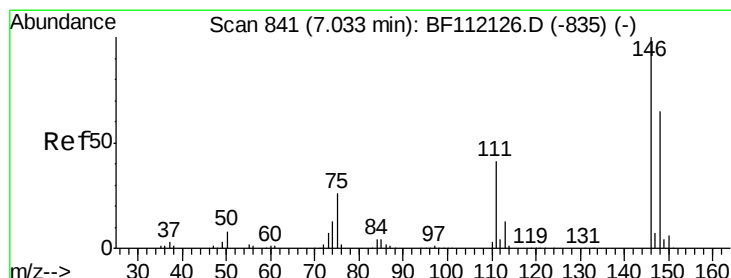
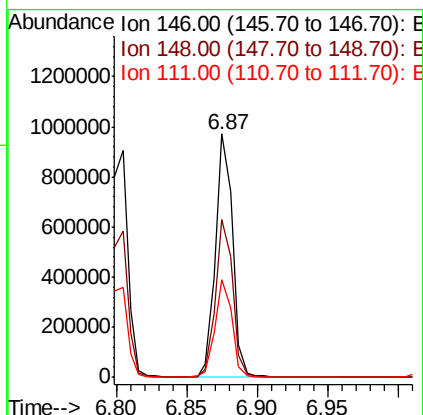
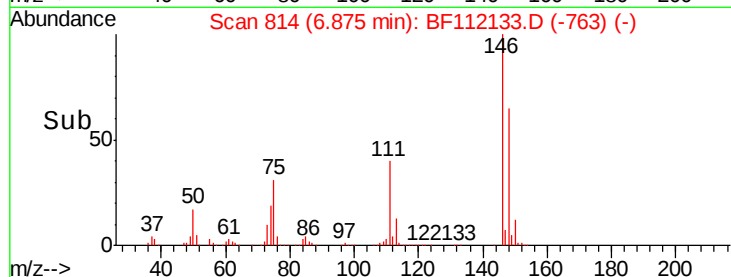
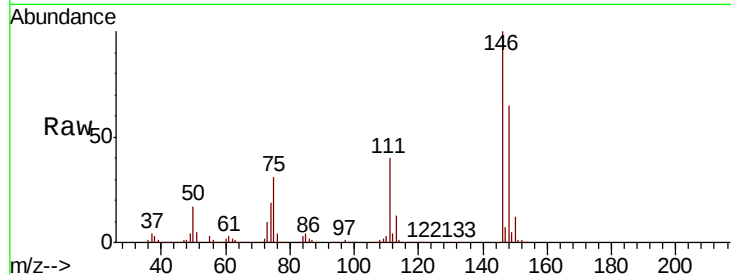




#13
 1,4-Dichlorobenzene
 Concen: 39.750 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

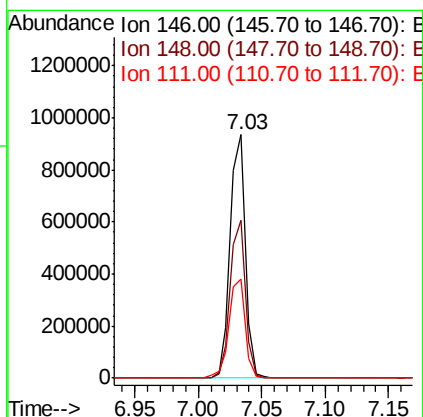
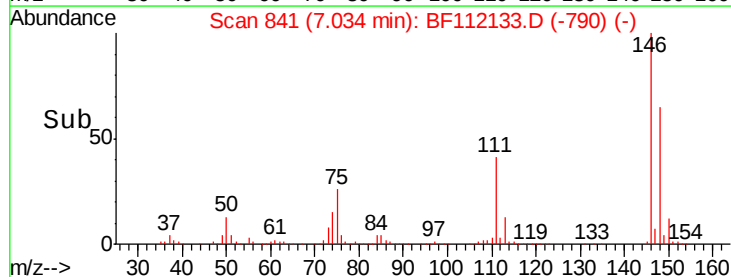
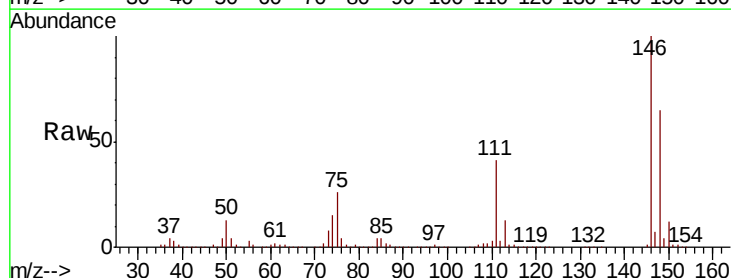
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

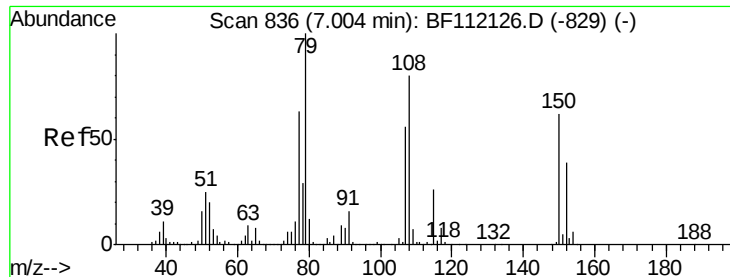
Tgt Ion:146 Resp: 821350
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 40.3 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 40.561 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion:146 Resp: 772008
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 40.7 31.2 46.8

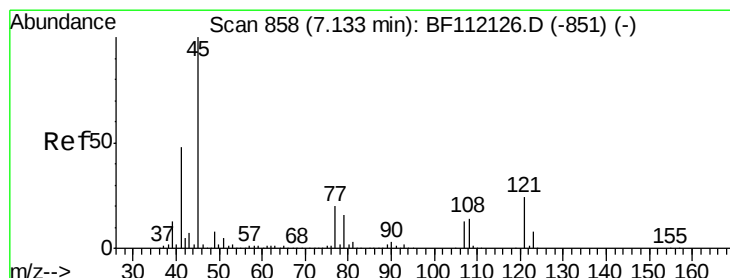
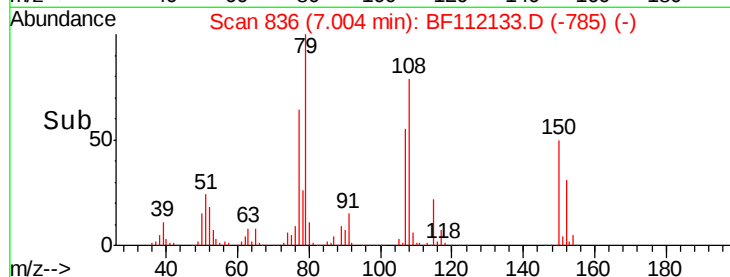
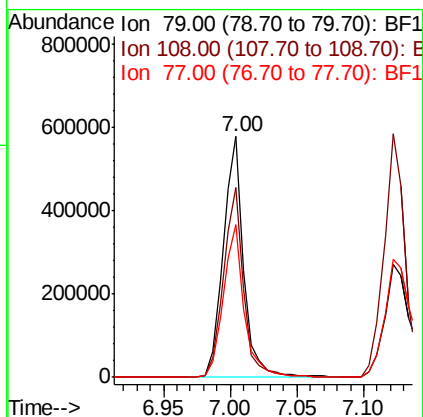
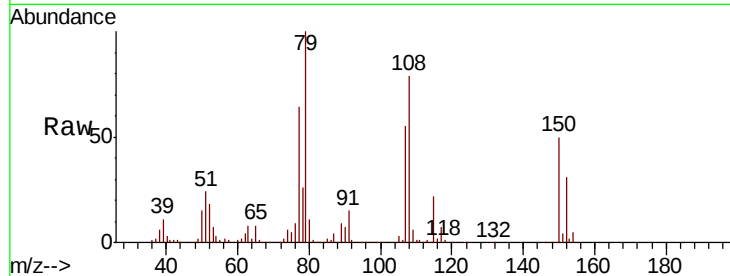




#15
Benzyl Alcohol
Concen: 43.806 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

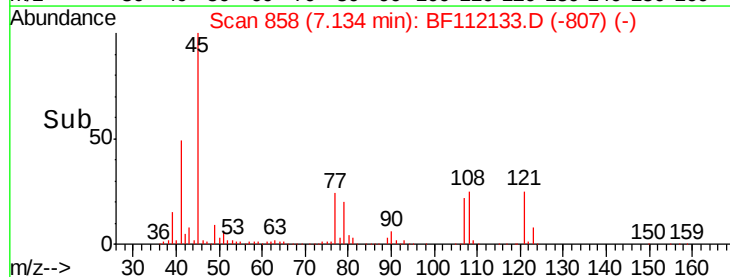
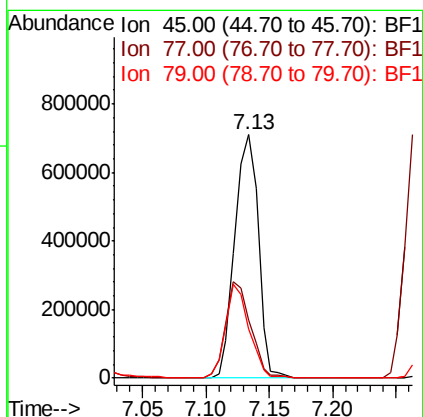
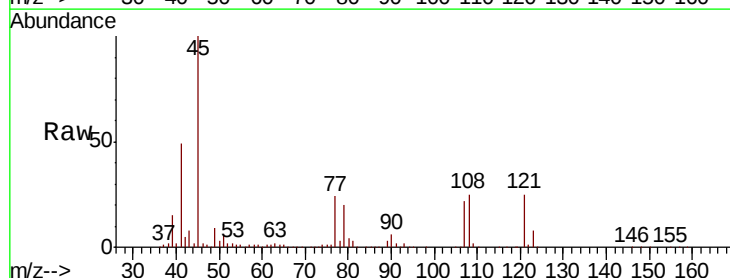
Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

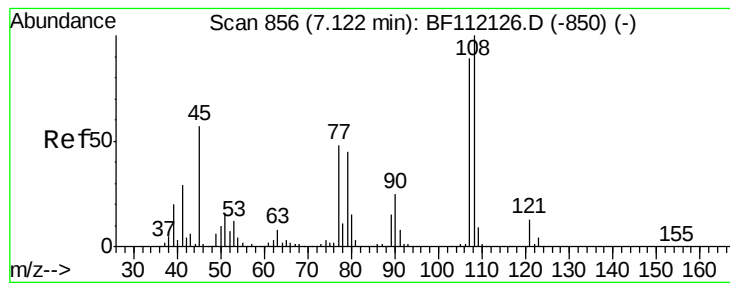
Tgt Ion: 79 Resp: 622348
Ion Ratio Lower Upper
79 100
108 79.0 64.2 96.2
77 63.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.936 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion: 45 Resp: 906515
Ion Ratio Lower Upper
45 100
77 23.9 0.0 36.9
79 20.2 0.0 34.0





#17

2-Methylphenol

Concen: 42.676 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

Tgt Ion:107 Resp: 567298

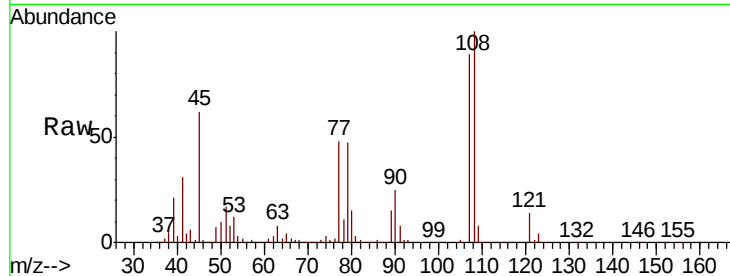
Ion Ratio Lower Upper

107 100

108 112.0 91.3 136.9

77 54.2 39.0 58.6

79 52.2 37.0 55.4

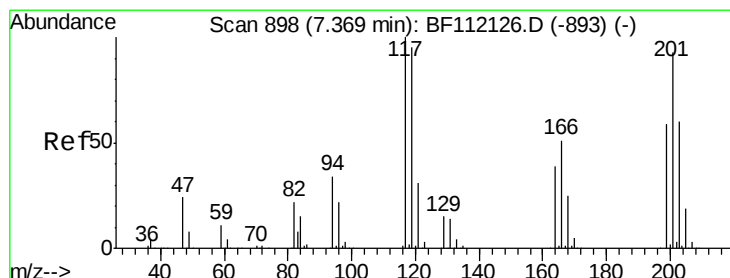
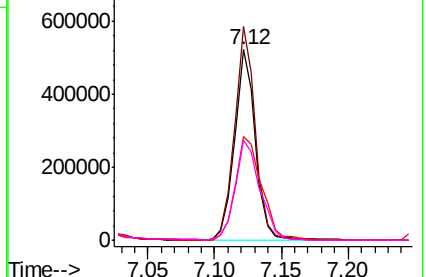
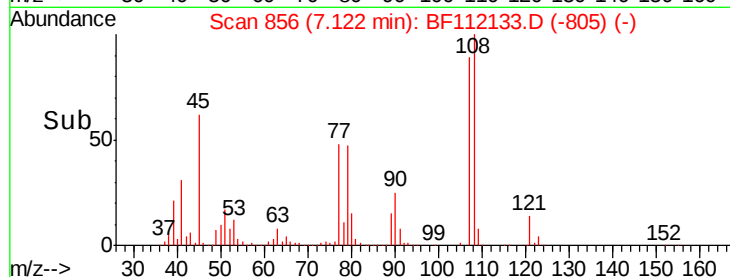


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.302 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

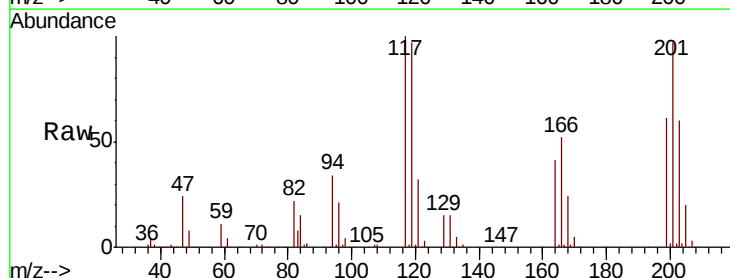
Tgt Ion:117 Resp: 284839

Ion Ratio Lower Upper

117 100

119 97.0 77.0 115.4

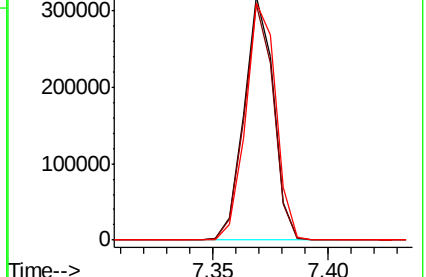
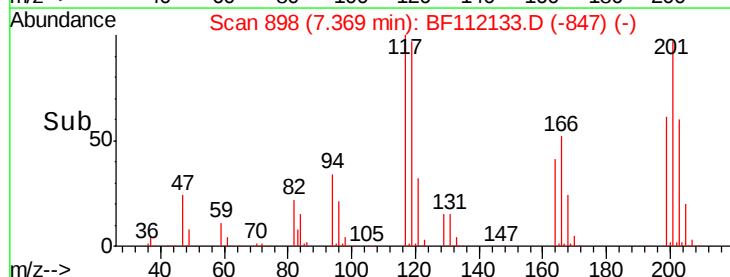
201 97.4 74.1 111.1

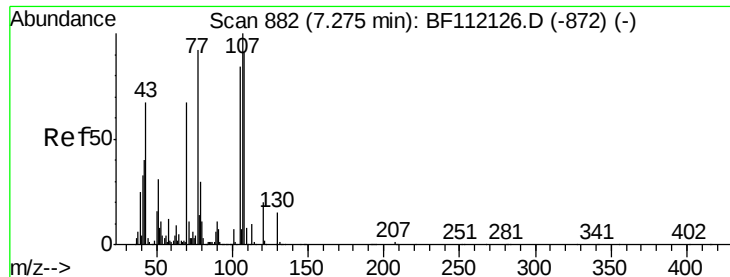


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

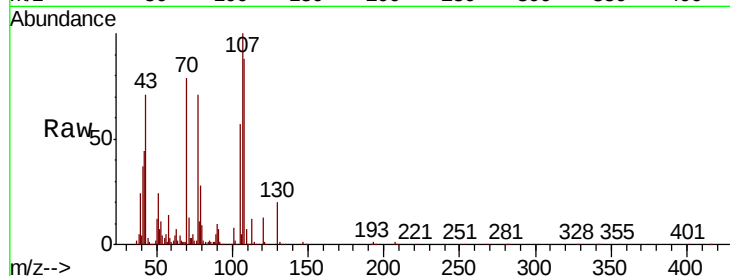




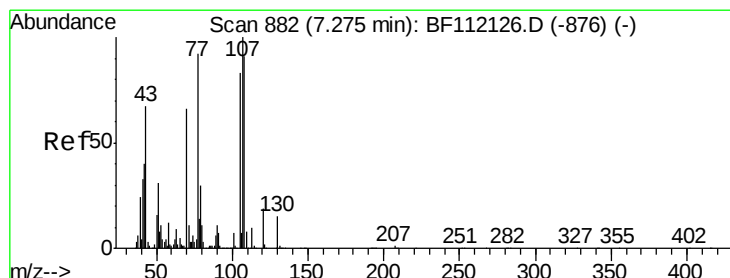
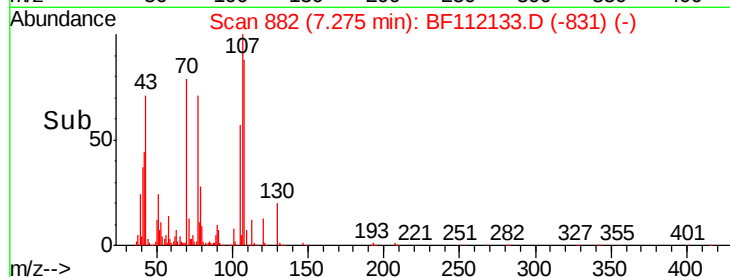
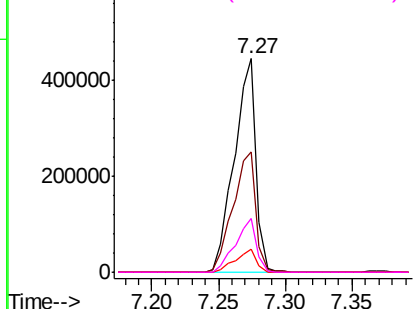
#19
n-Nitroso-di-n-propylamine
Concen: 43.735 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:	70	Resp:	508063
Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.6	71.4
101	10.7	7.9	11.9
130	25.3	18.4	27.6



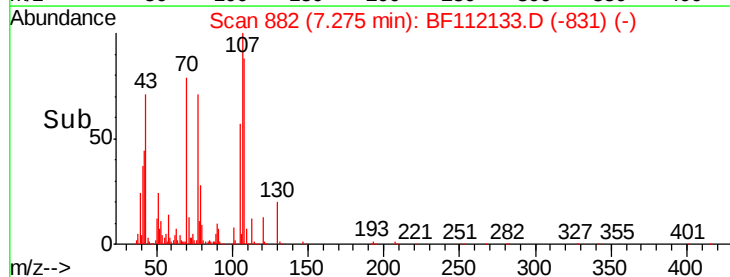
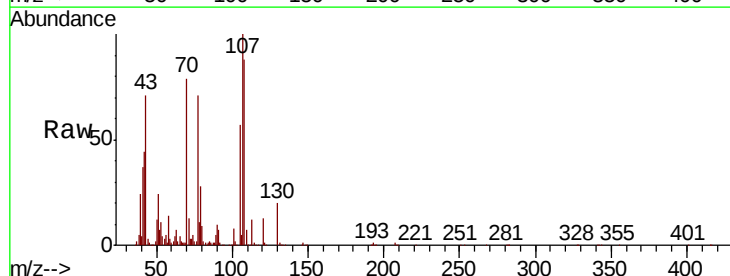
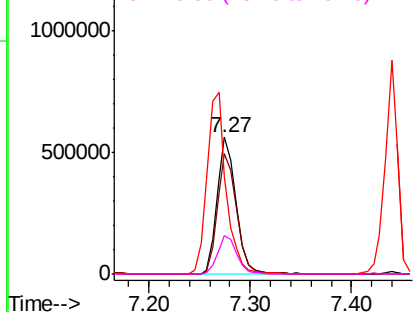
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

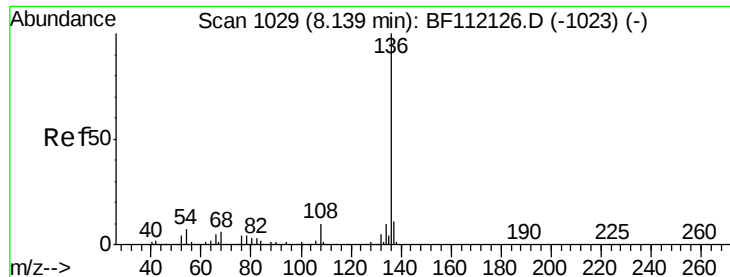


#20
3+4-Methylphenols
Concen: 44.950 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:	107	Resp:	724502
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	70.8	100.7	140.7#
79	28.2	7.3	47.3

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

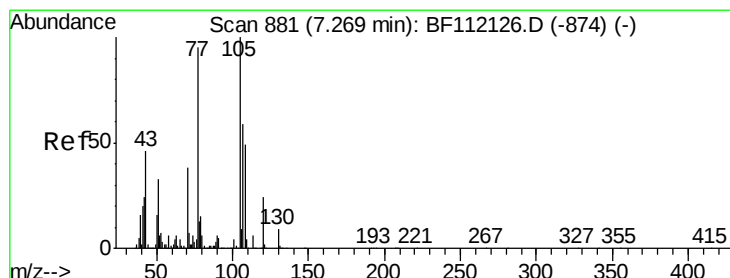
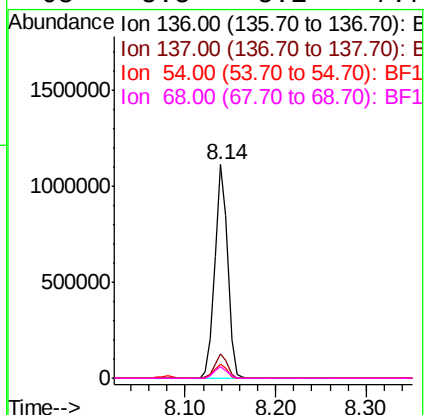
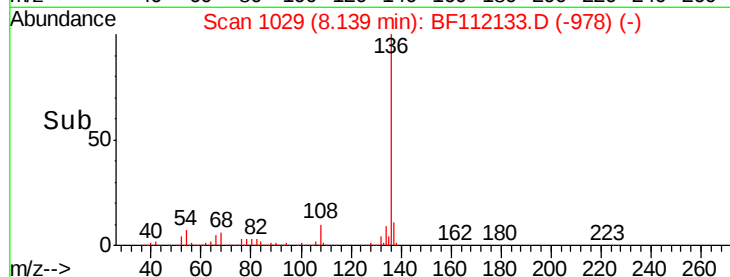
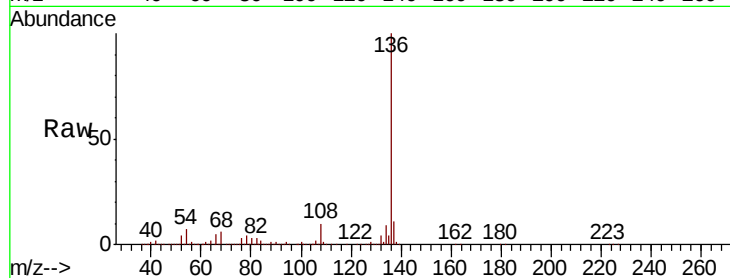




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

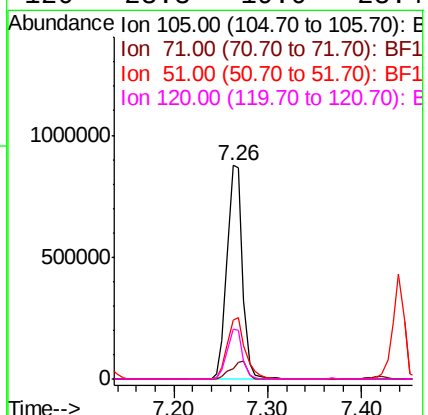
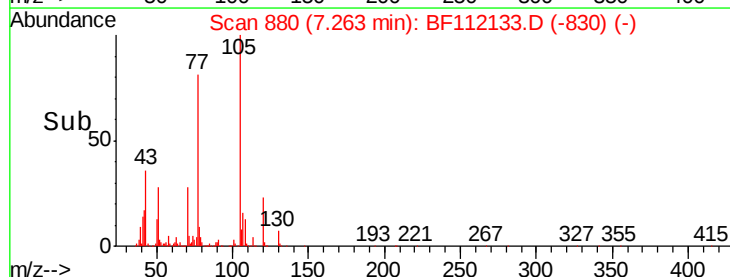
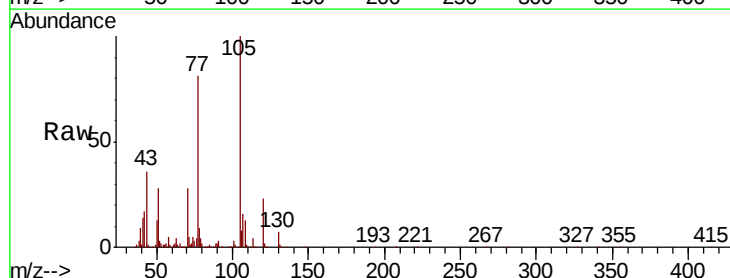
Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

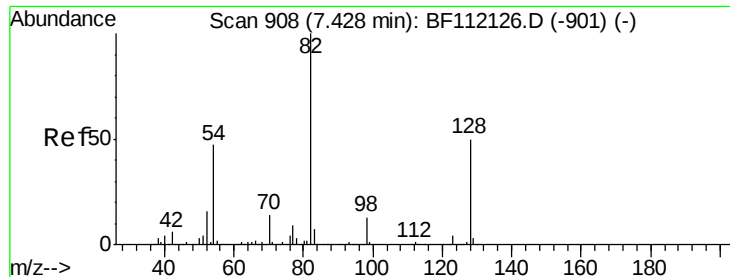
Tgt Ion:	136	Resp:	1085906
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	5.9	8.9
68	5.5	5.1	7.7



#22
Acetophenone
Concen: 40.131 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:	105	Resp:	1009595
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.6	6.8
51	27.5	25.0	37.6
120	23.3	19.0	28.4

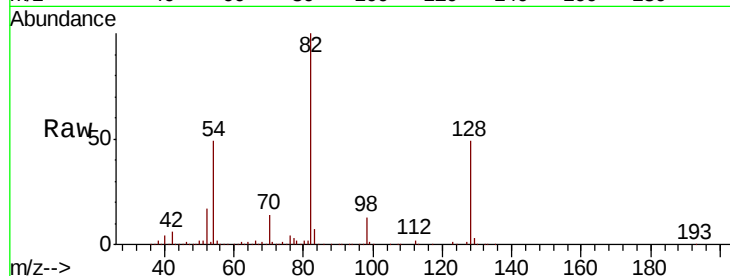




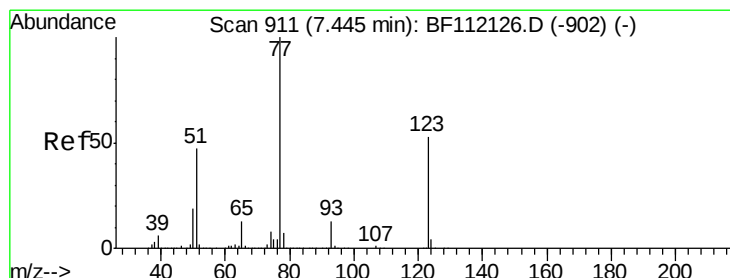
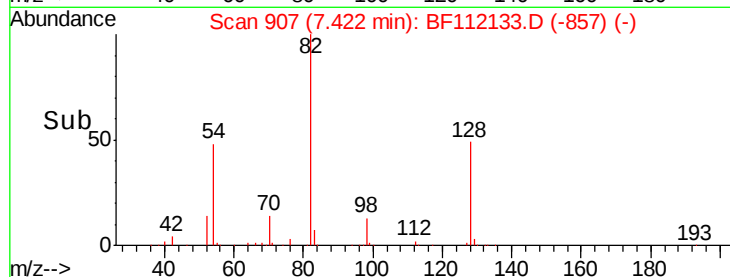
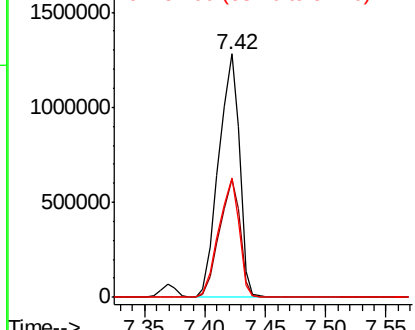
#23
Nitrobenzene-d5
Concen: 96.737 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion: 82 Resp: 1520463
Ion Ratio Lower Upper
82 100
128 48.5 37.8 56.8
54 48.8 39.7 59.5

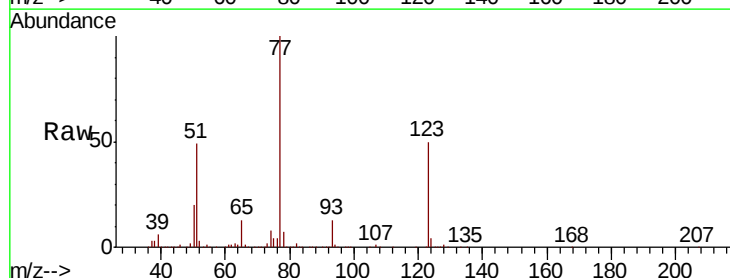


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

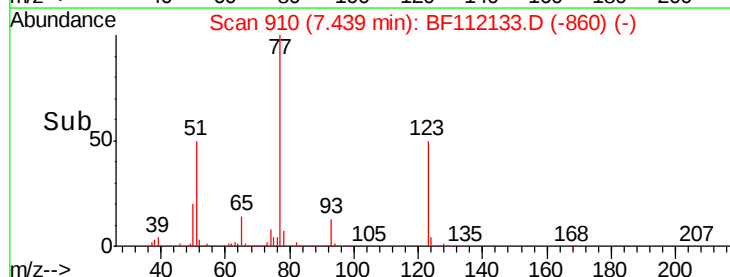
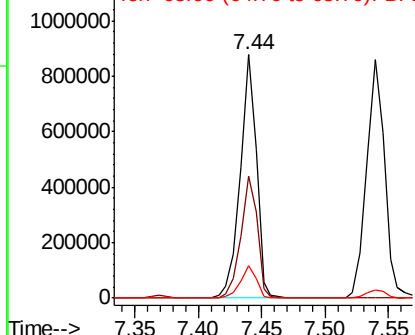


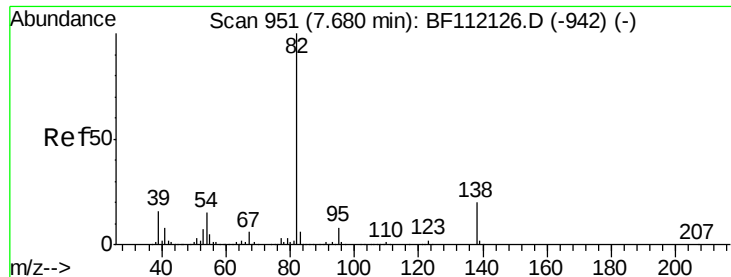
#24
Nitrobenzene
Concen: 46.244 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion: 77 Resp: 770319
Ion Ratio Lower Upper
77 100
123 50.2 38.4 57.6
65 13.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.686 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

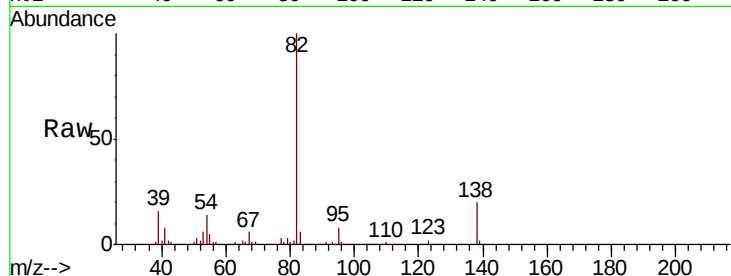
Tgt Ion: 82 Resp: 1417340

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

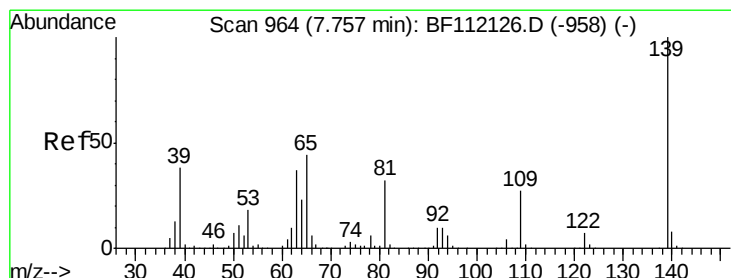
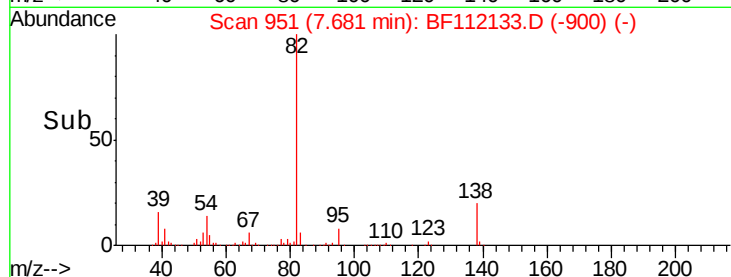
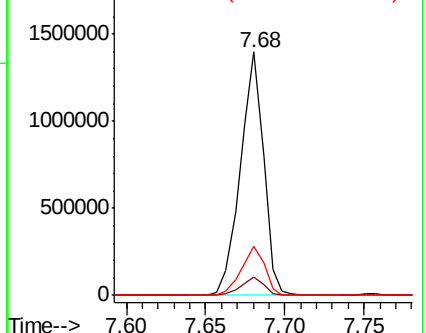
138 20.1 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.387 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

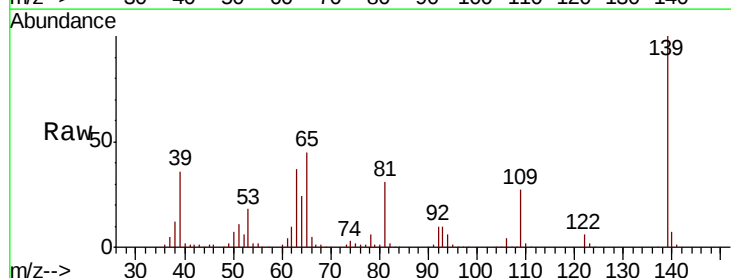
Tgt Ion: 139 Resp: 404729

Ion Ratio Lower Upper

139 100

109 27.2 20.8 31.2

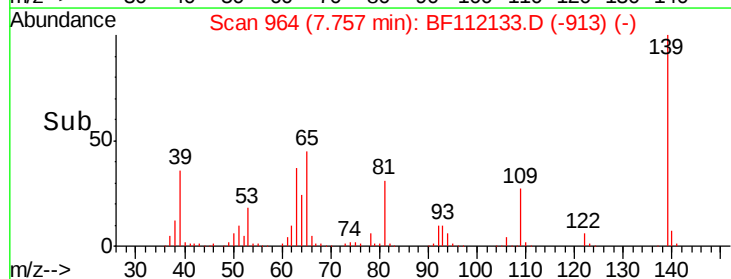
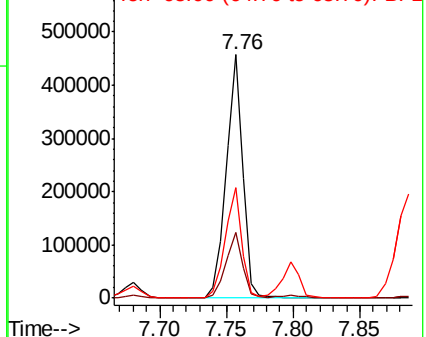
65 45.3 34.4 51.6

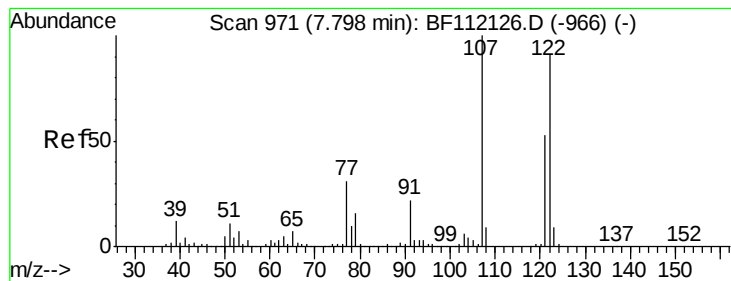


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.298 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

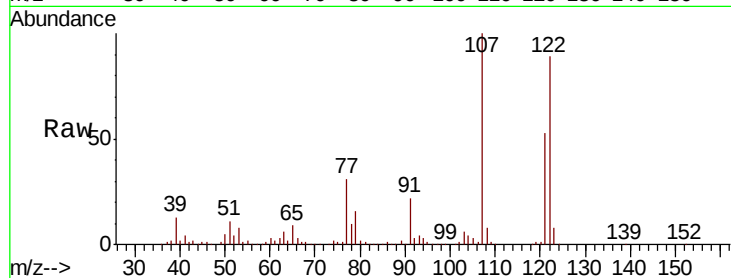
Tgt Ion:122 Resp: 666523

Ion Ratio Lower Upper

122 100

107 112.7 85.4 128.0

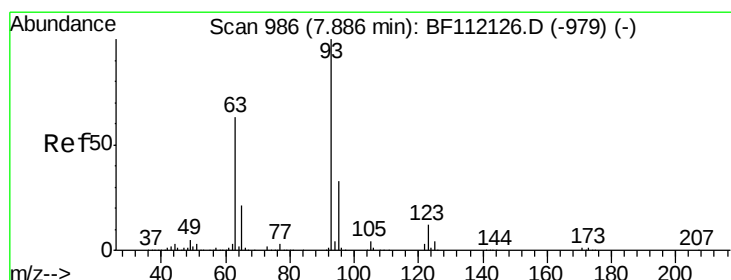
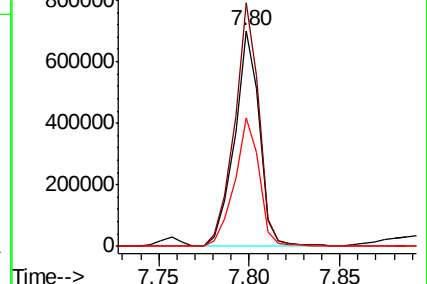
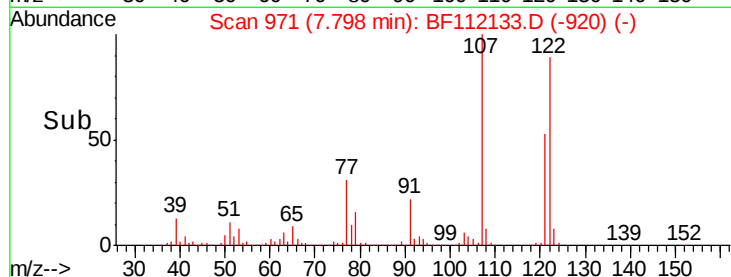
121 59.6 47.0 70.4



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: 43.149 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

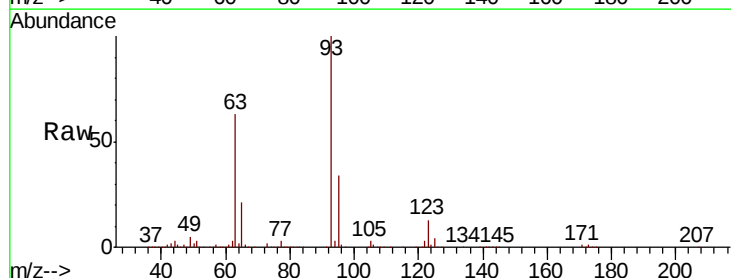
Tgt Ion: 93 Resp: 898571

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

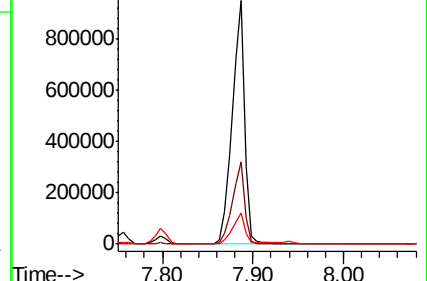
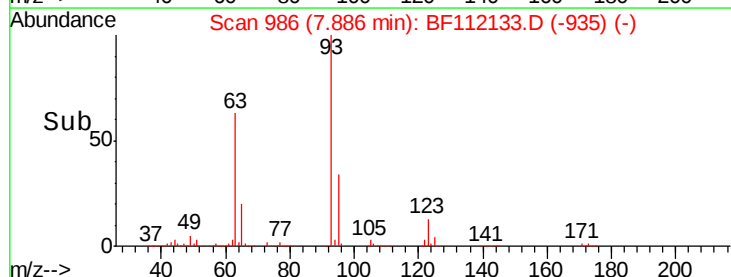
123 12.8 10.2 15.2

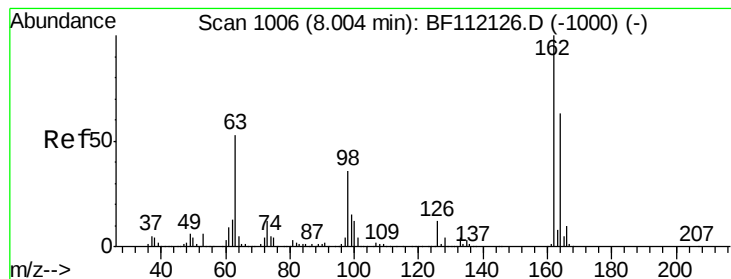


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.743 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

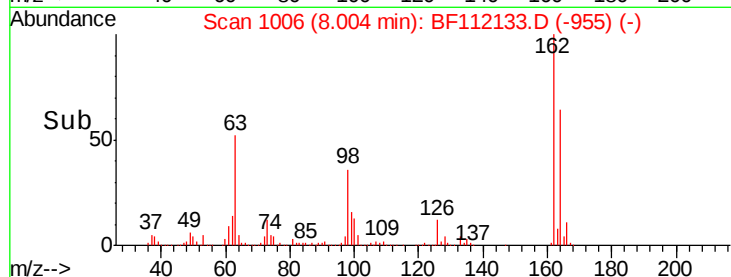
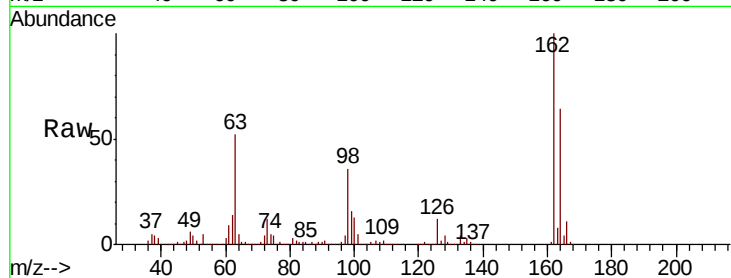
Tgt Ion:162 Resp: 673395

Ion Ratio Lower Upper

162 100

164 64.2 44.6 84.6

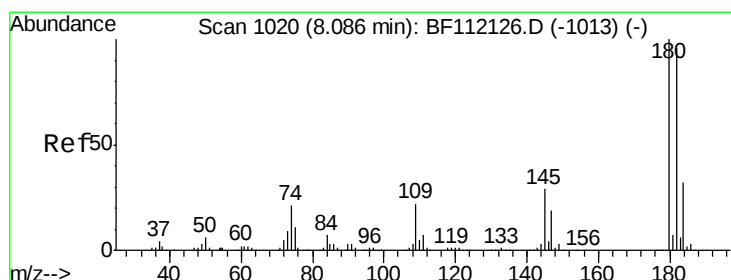
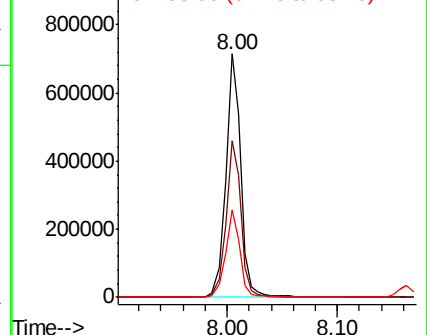
98 36.2 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.092 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

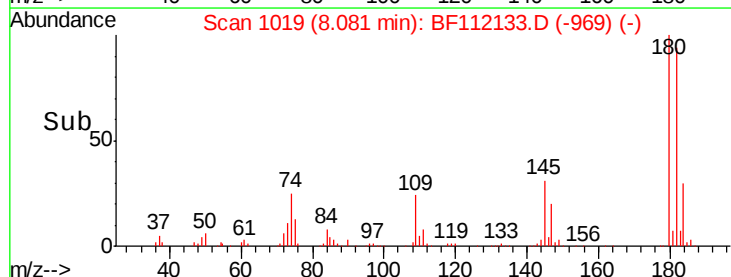
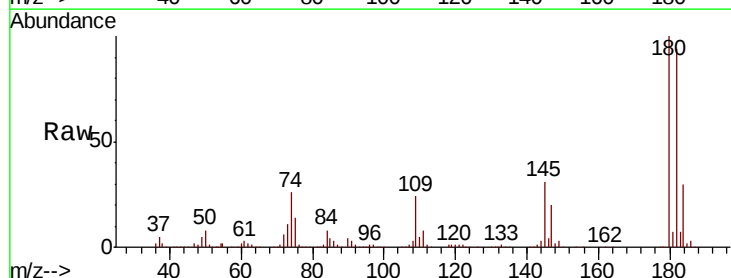
Tgt Ion:180 Resp: 734120

Ion Ratio Lower Upper

180 100

182 93.7 76.4 114.6

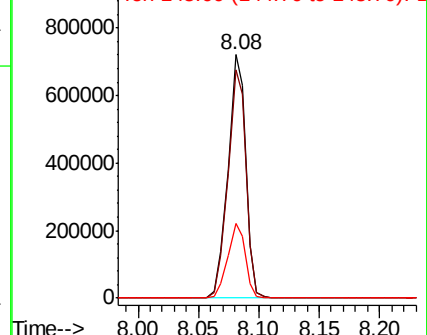
145 30.9 25.0 37.4

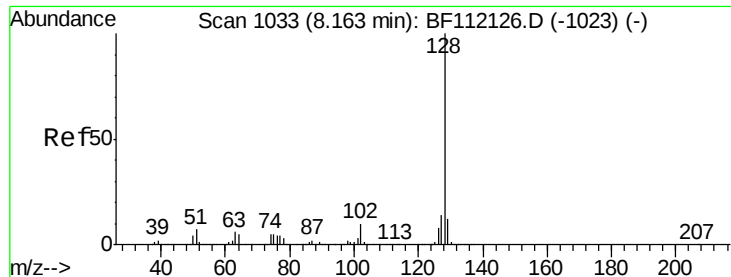


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

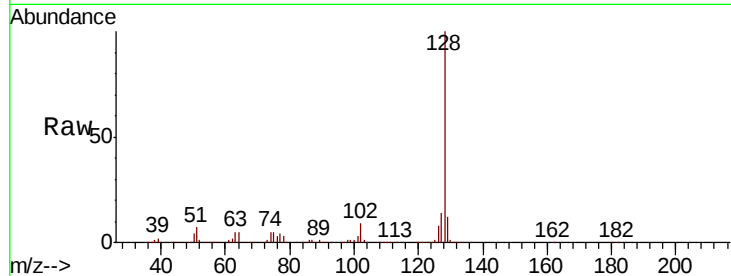




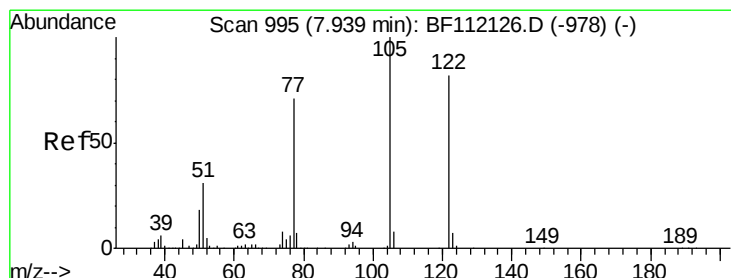
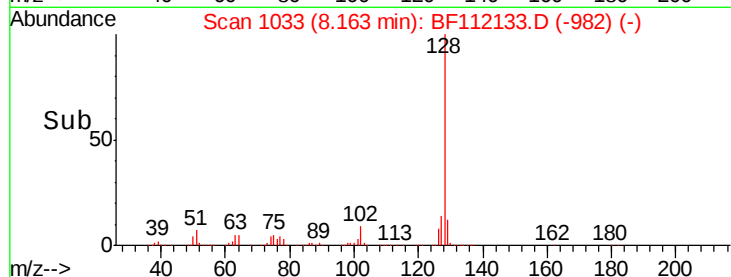
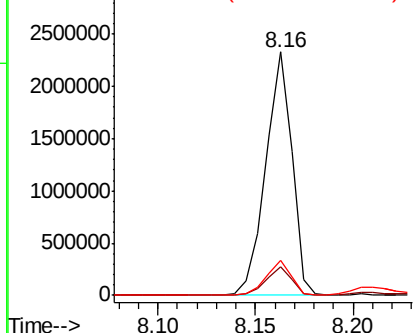
#31
Naphthalene
Concen: 44.116 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:128 Resp: 2178915
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.4 11.1 16.7

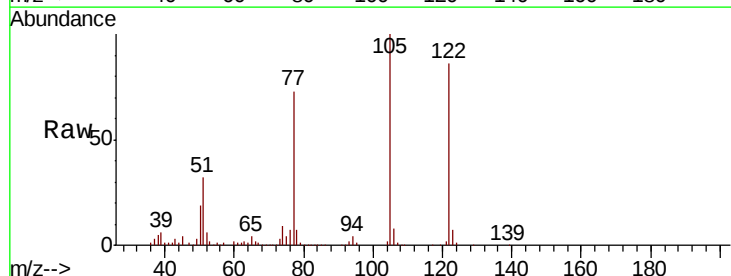


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

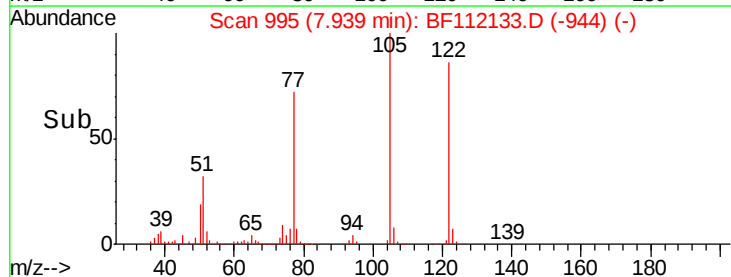
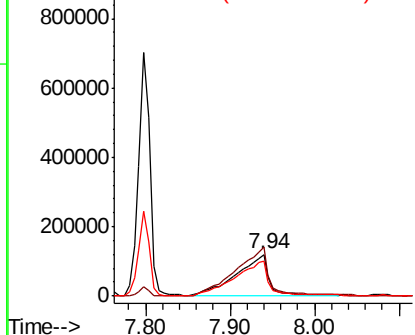


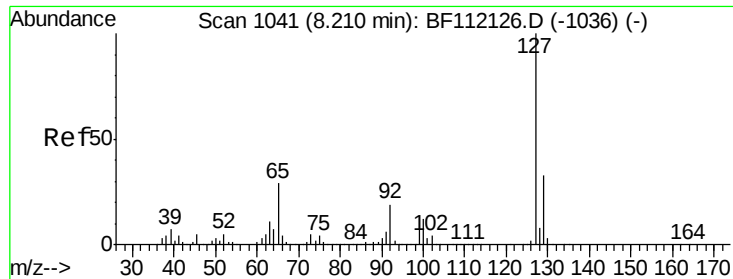
#32
Benzoic acid
Concen: 48.707 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:122 Resp: 318644
Ion Ratio Lower Upper
122 100
105 116.6 101.2 141.2
77 84.7 70.4 110.4



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): BF1

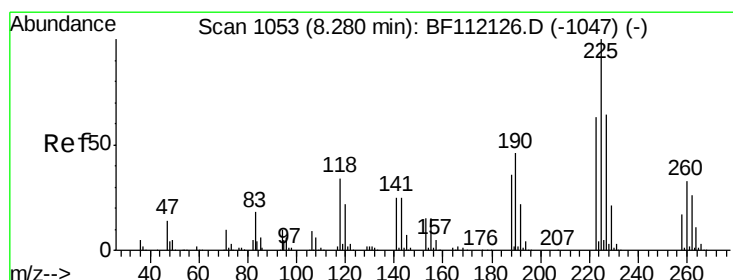
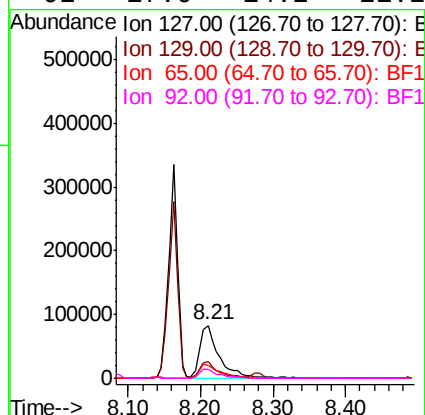
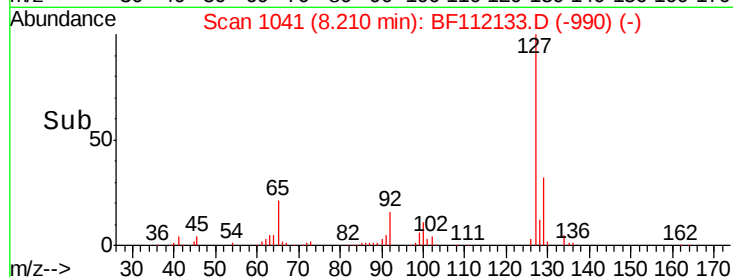
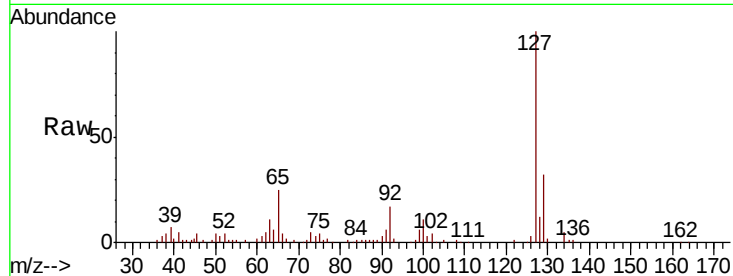




#33
4-Chloroaniline
Concen: 6.819 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

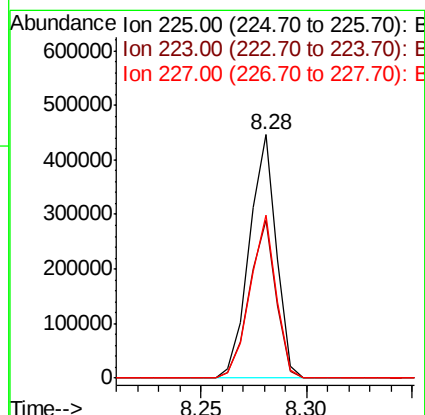
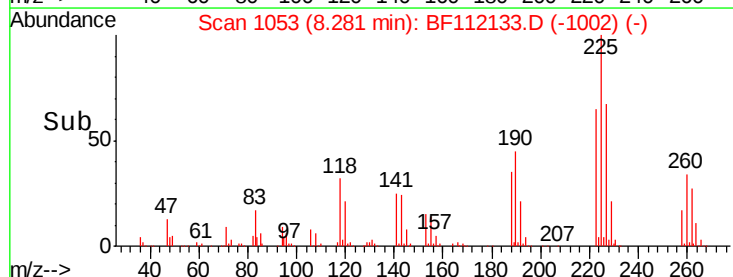
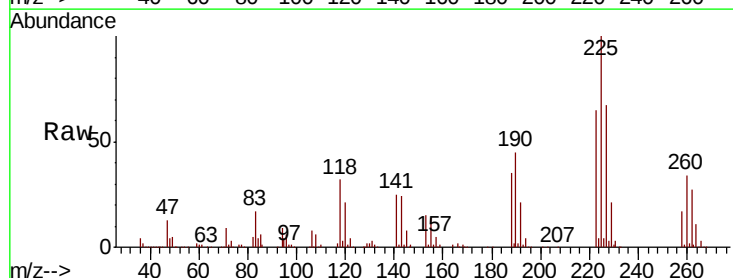
Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

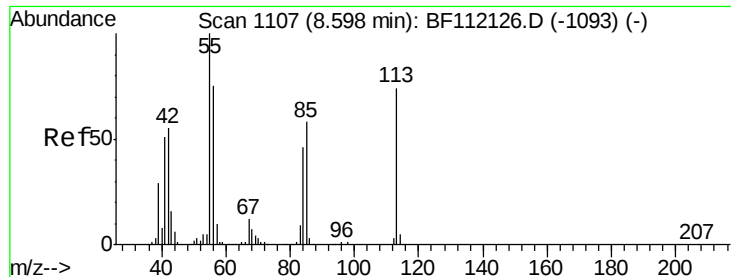
Tgt Ion:	127	Resp:	151370
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	25.2	21.4	32.2
92	17.0	14.2	21.2



#34
Hexachlorobutadiene
Concen: 39.729 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:	225	Resp:	394984
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.3	75.5
227	67.1	51.8	77.8

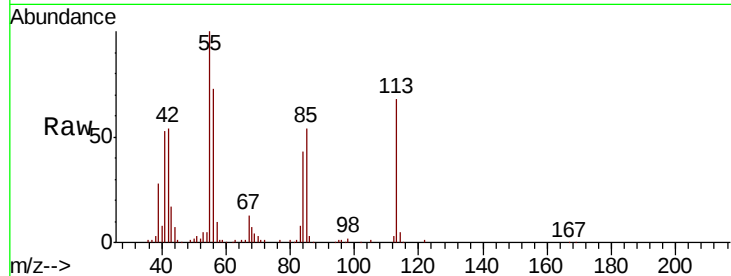




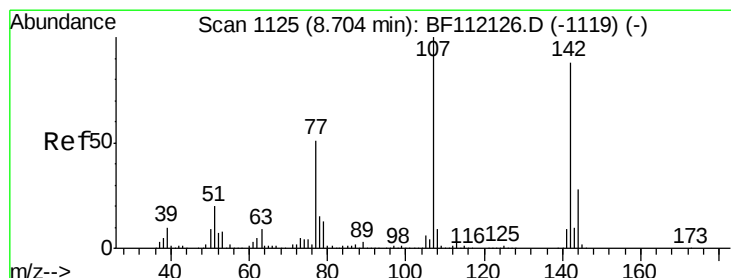
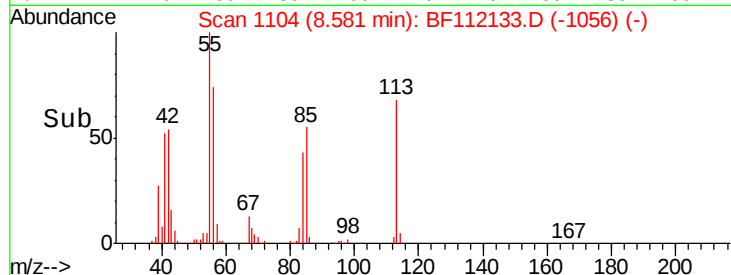
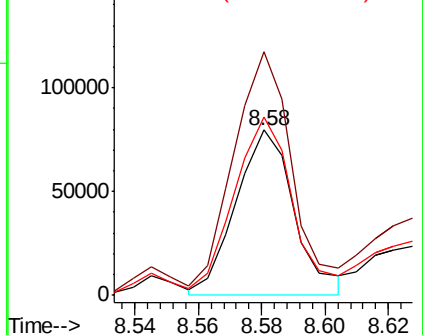
#35
 Caprolactam
 Concen: 18.882 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tgt Ion:113 Resp: 101736
 Ion Ratio Lower Upper
 113 100
 55 147.3 121.6 161.6
 56 107.9 86.7 126.7

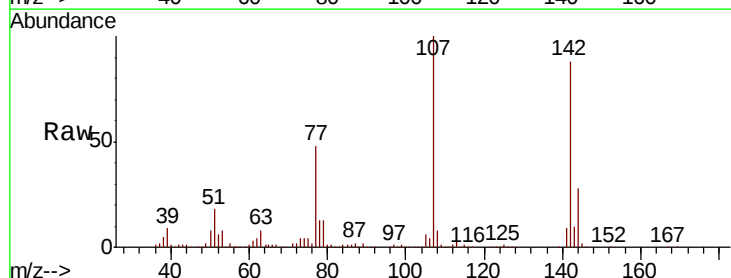


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

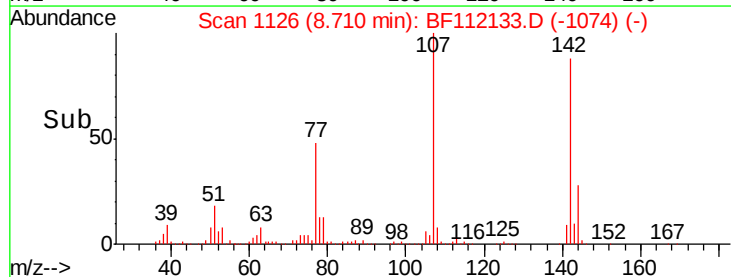
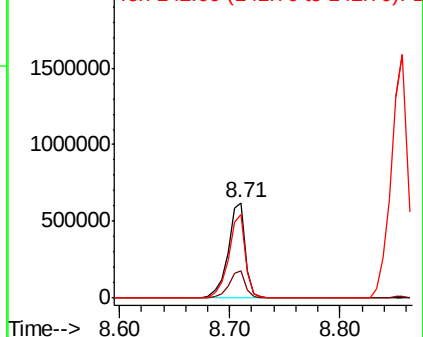


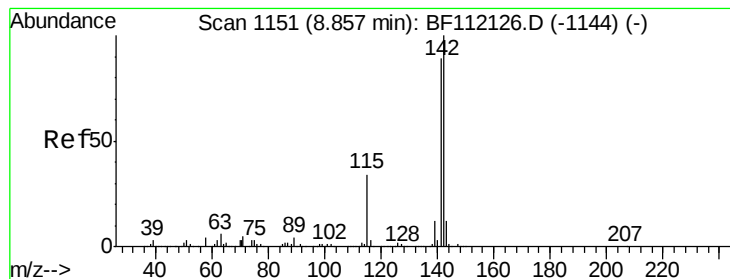
#36
 4-Chloro-3-methylphenol
 Concen: 45.210 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion:107 Resp: 679752
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.2 33.2
 142 87.6 67.7 101.5



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: 47.339 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

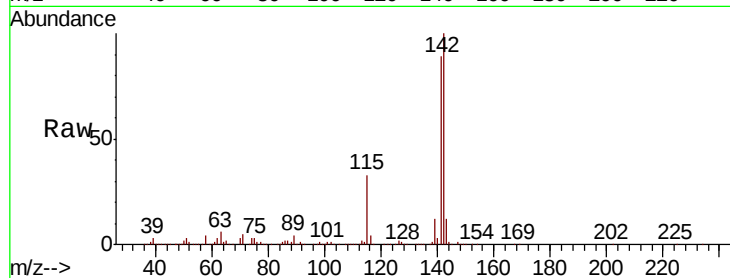
Tgt Ion:142 Resp: 1587677

Ion Ratio Lower Upper

142 100

141 89.1 70.9 106.3

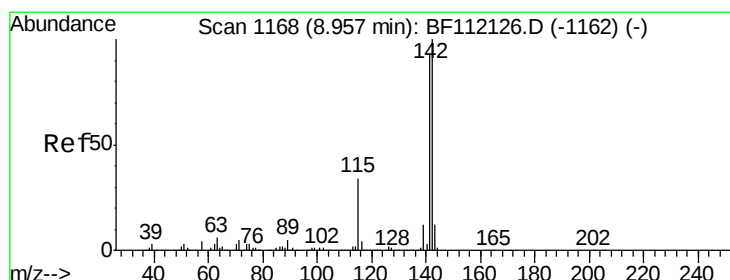
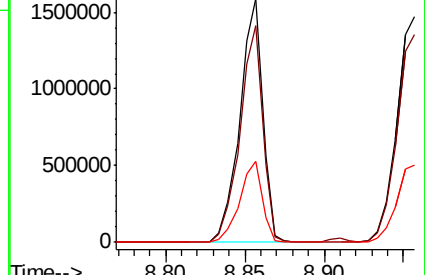
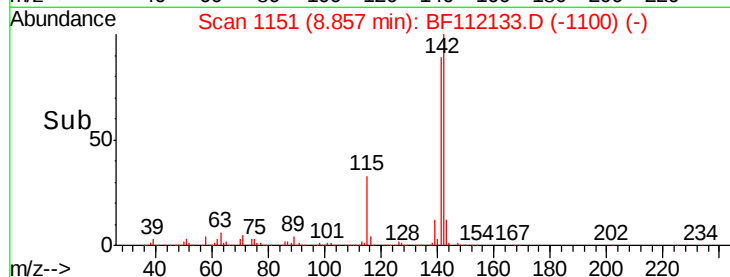
115 33.1 24.9 37.3



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: 46.422 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

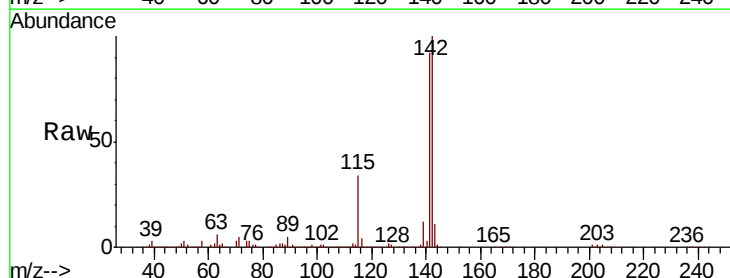
Tgt Ion:142 Resp: 1496271

Ion Ratio Lower Upper

142 100

141 92.3 72.6 108.8

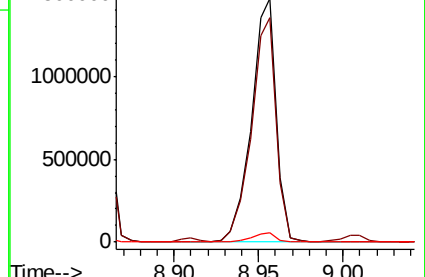
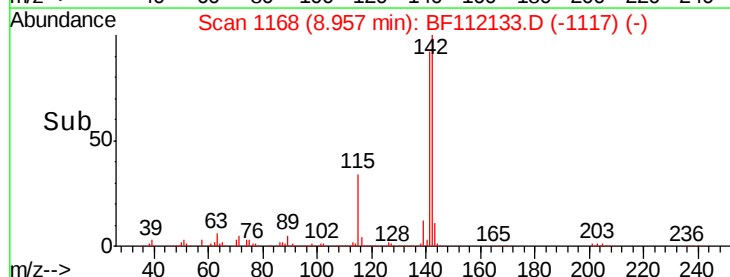
116 3.6 2.8 4.2

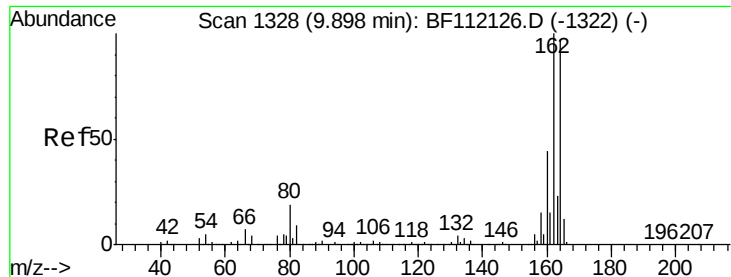


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

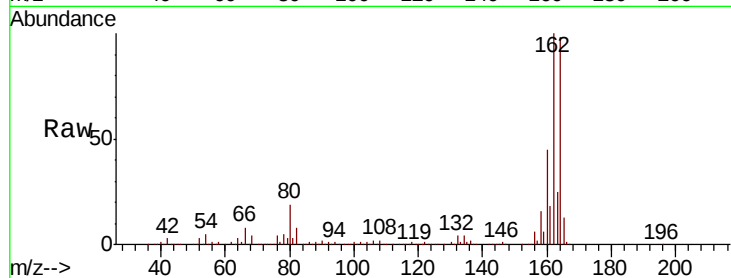
Tgt Ion:164 Resp: 554023

Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.4

160 45.6 36.2 54.4

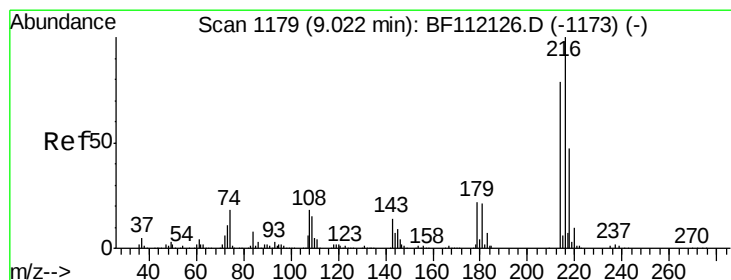
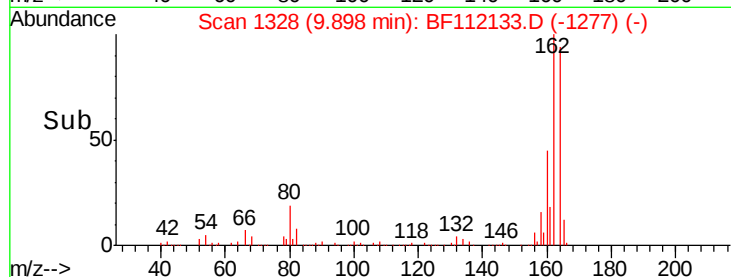
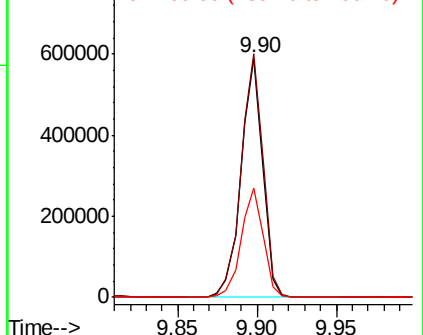


Abundance

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: 41.654 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Tgt Ion:216 Resp: 741039

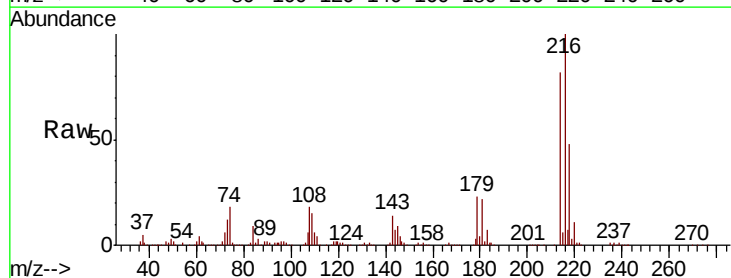
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 21.5 16.9 25.3

108 18.1 14.2 21.4



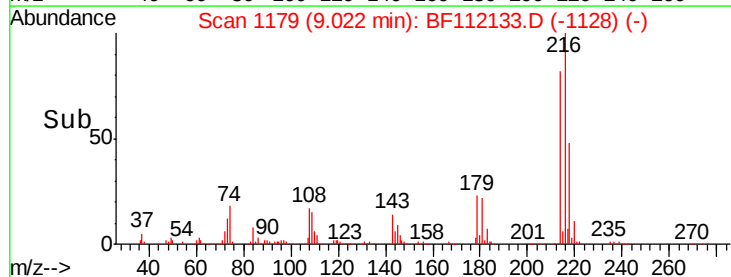
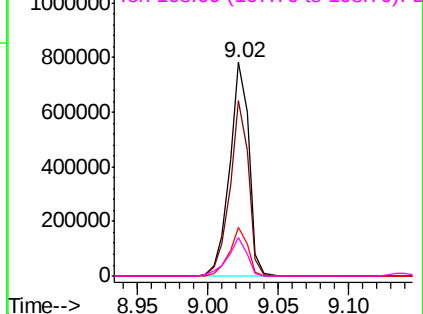
Abundance

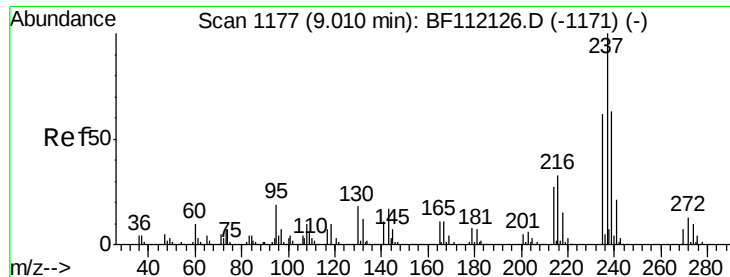
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.384 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

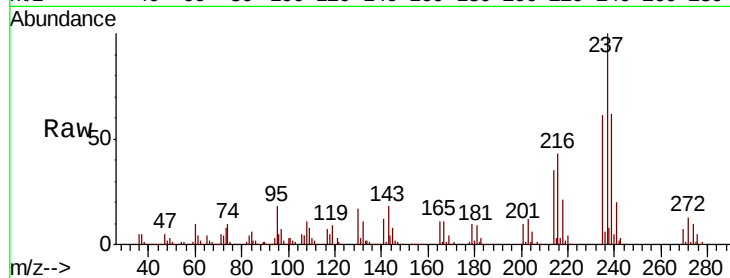
Tgt Ion: 237 Resp: 303677

Ion Ratio Lower Upper

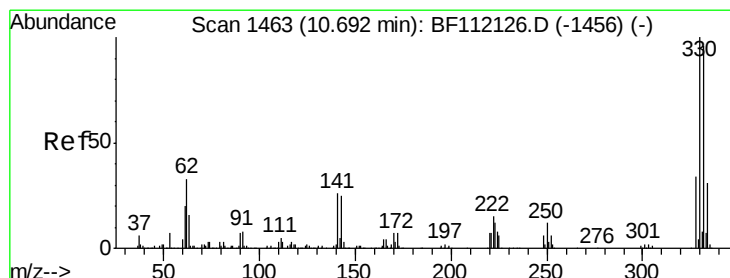
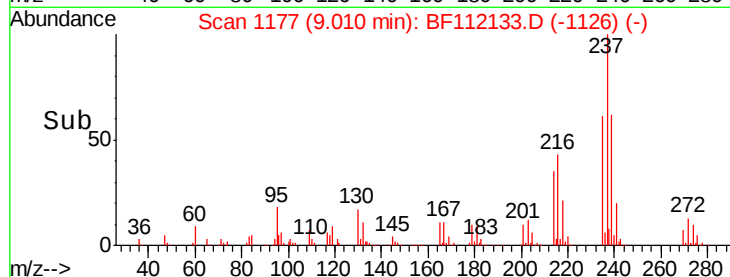
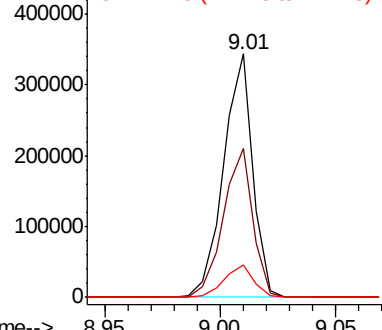
237 100

235 61.2 44.0 84.0

272 13.1 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 131.982 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

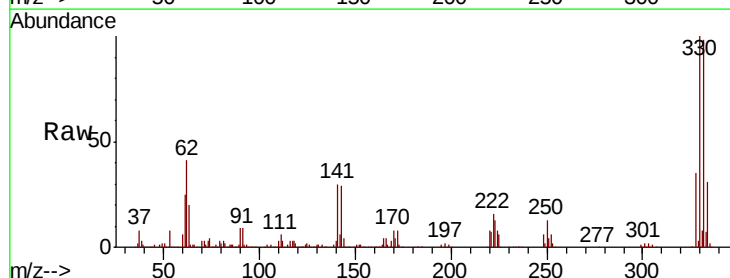
Tgt Ion: 330 Resp: 788814

Ion Ratio Lower Upper

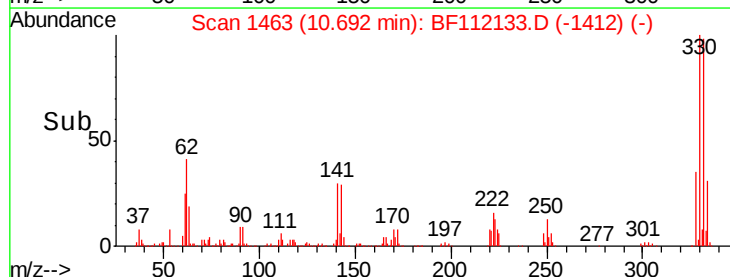
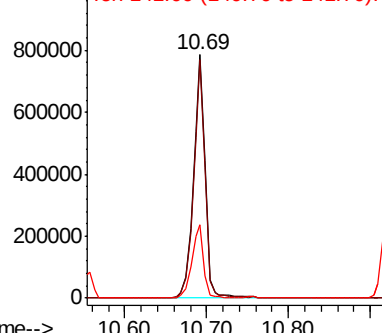
330 100

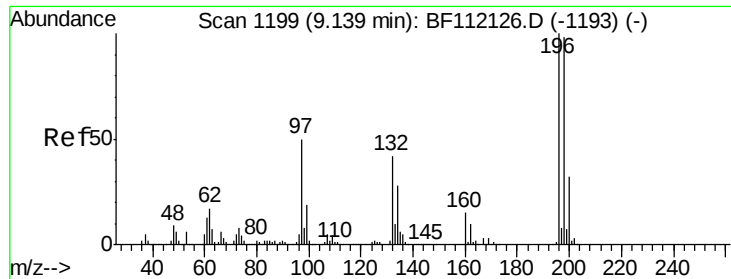
332 95.7 76.6 114.8

141 30.5 24.3 36.5



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

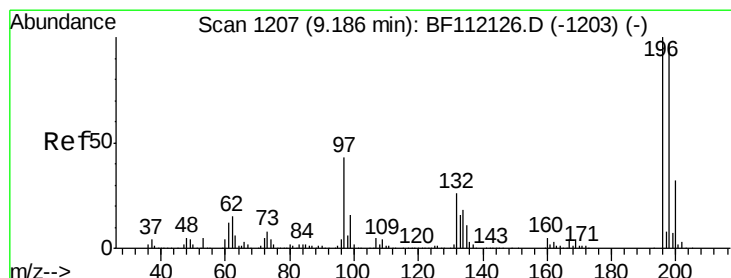
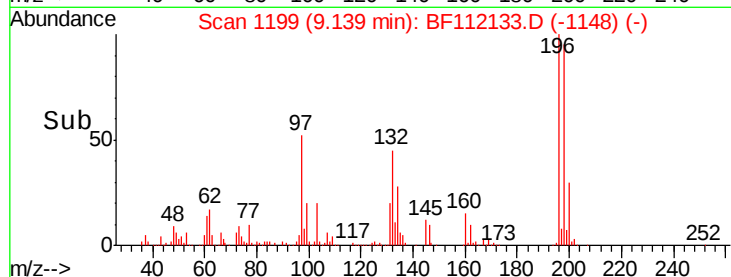
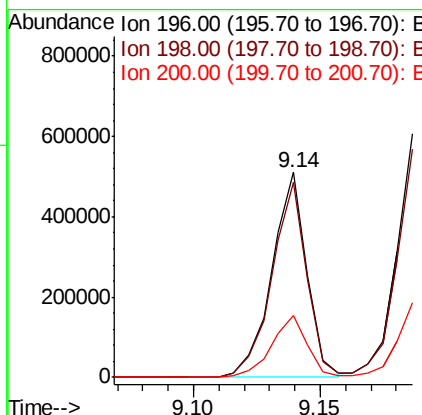
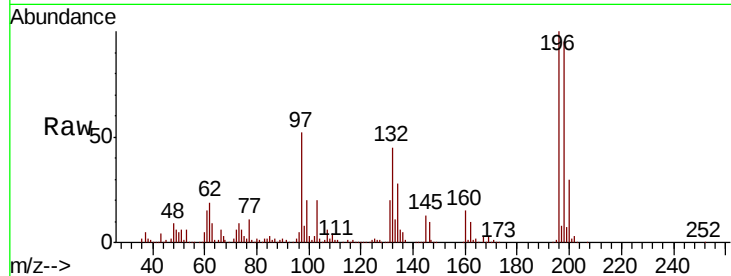




#43
 2,4,6-Trichlorophenol
 Concen: 46.292 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

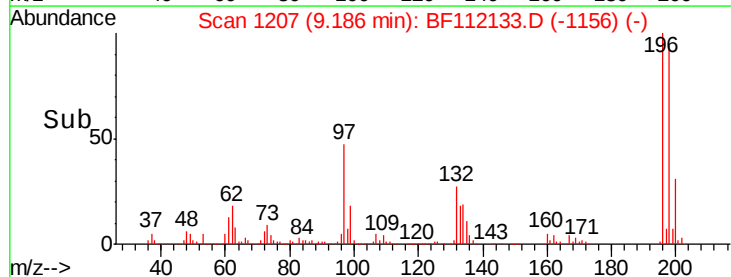
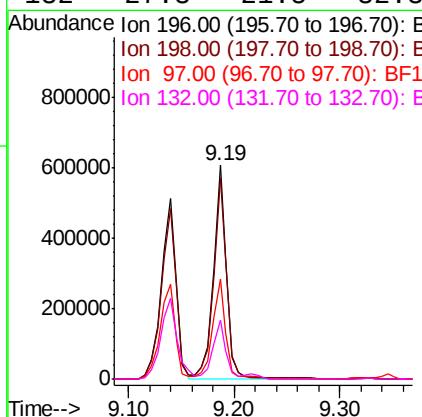
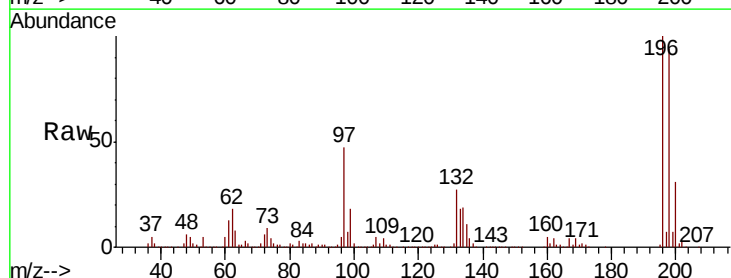
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

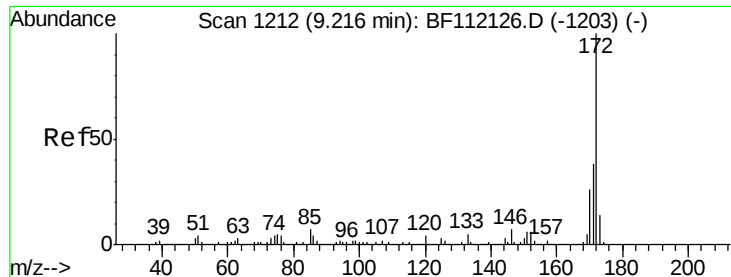
Tgt Ion:196 Resp: 492672
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.4
 200 29.9 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.192 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion:196 Resp: 534924
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.0 114.0
 97 46.7 36.4 54.6
 132 27.3 21.5 32.3

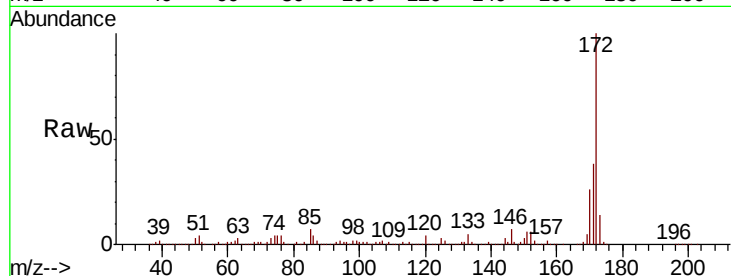




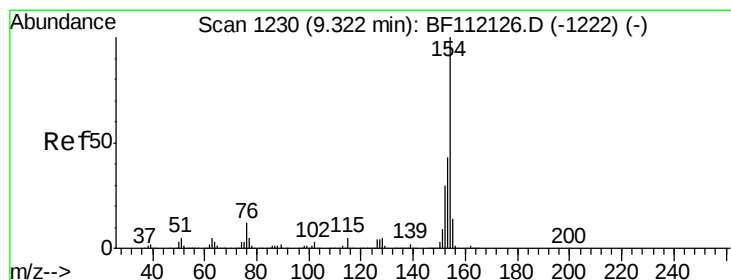
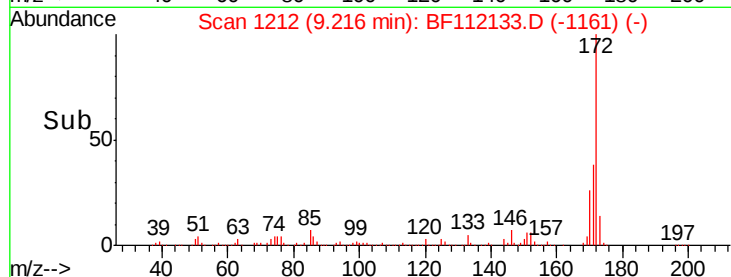
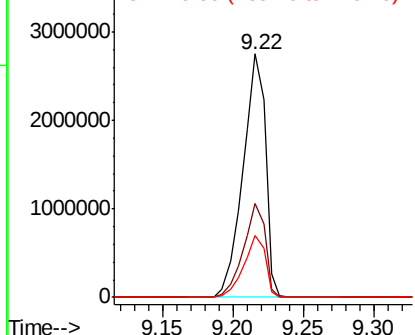
#45
2-Fluorobiphenyl
Concen: 81.003 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:172 Resp: 3060984
Ion Ratio Lower Upper
172 100
171 38.4 30.5 45.7
170 25.7 20.2 30.4

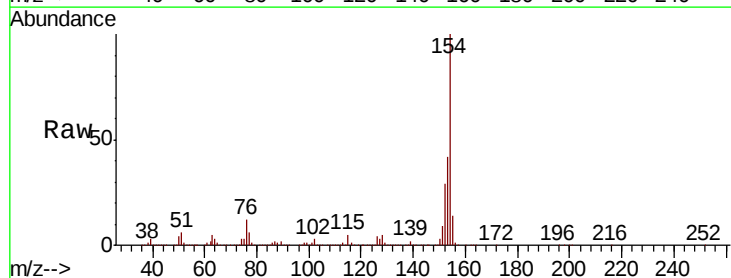


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

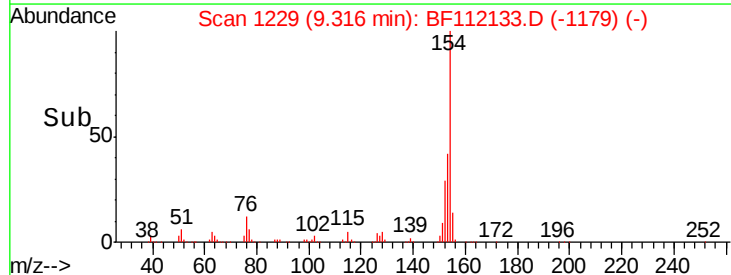
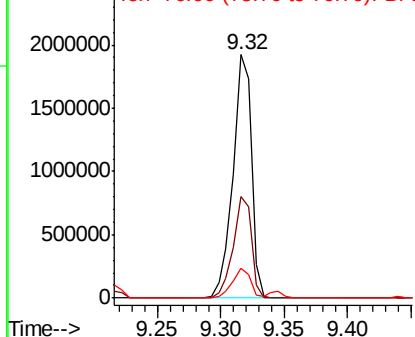


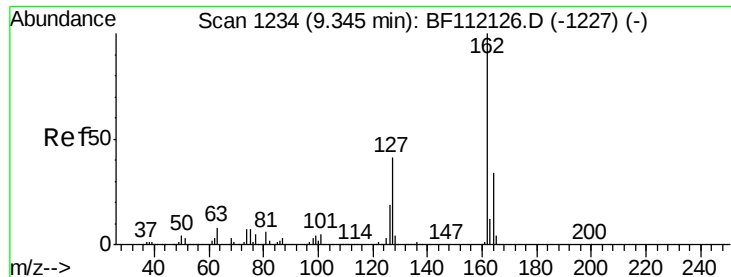
#46
1,1'-Biphenyl
Concen: 41.633 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:154 Resp: 1928693
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 12.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

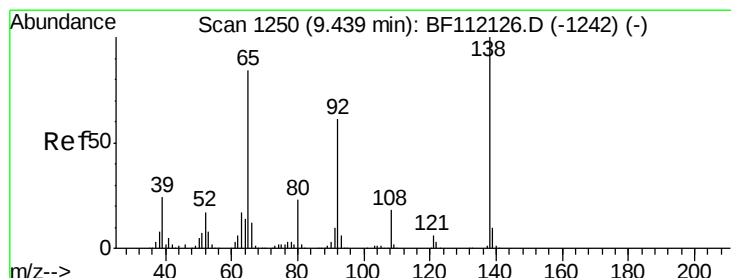
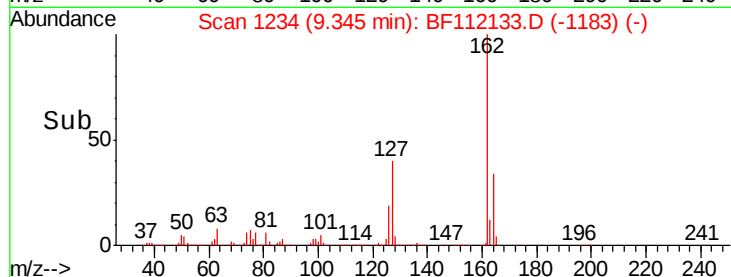
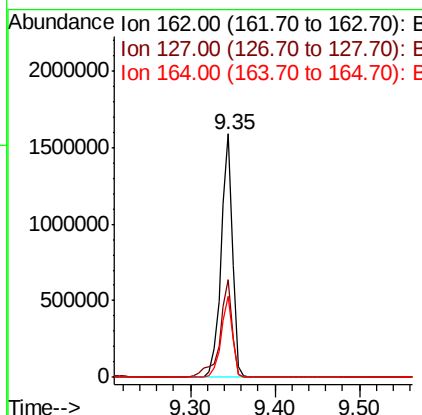
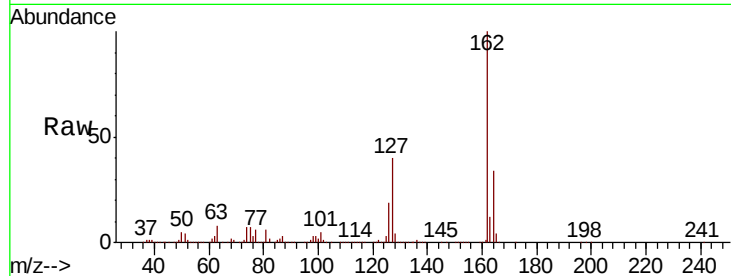




#47
2-Chloronaphthalene
Concen: 41.613 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

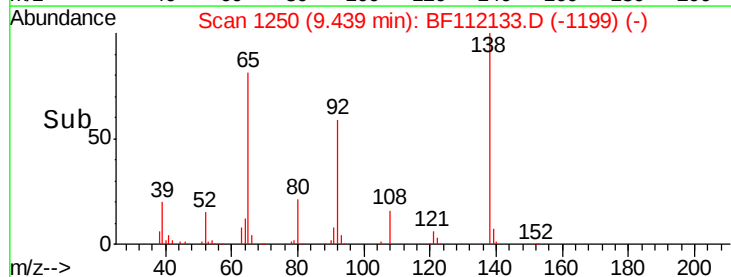
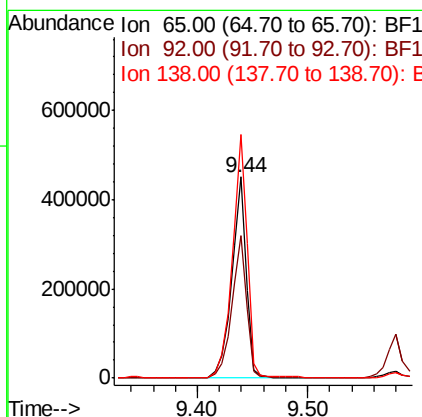
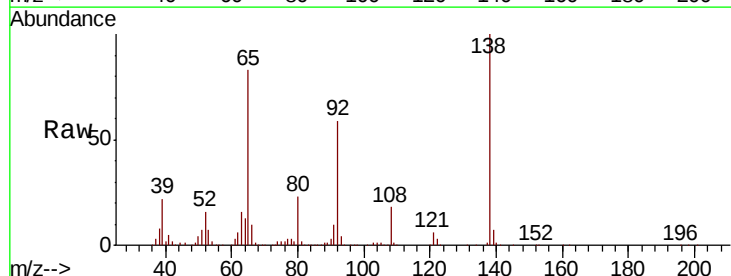
Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

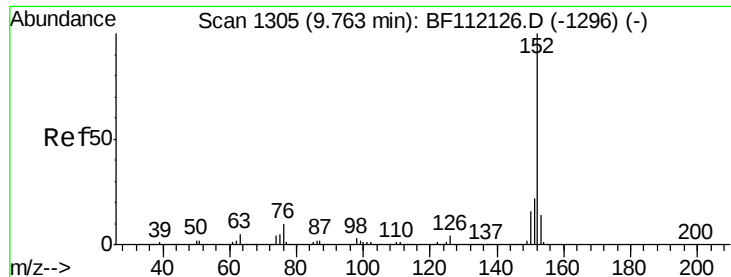
Tgt Ion: 162 Resp: 1508970
Ion Ratio Lower Upper
162 100
127 39.9 30.4 45.6
164 33.5 27.4 41.2



#48
2-Nitroaniline
Concen: 51.163 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion: 65 Resp: 417895
Ion Ratio Lower Upper
65 100
92 71.1 60.4 90.6
138 121.2 104.4 156.6





#49

Acenaphthylene

Concen: 44.768 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

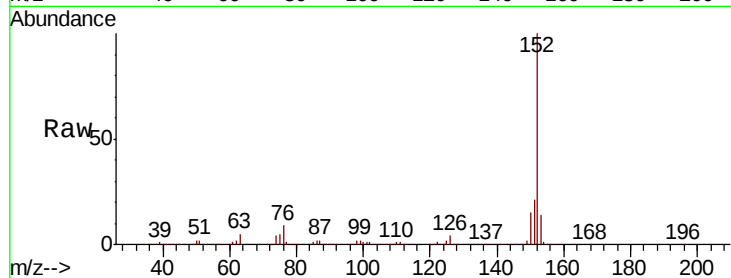
Tgt Ion:152 Resp: 2368966

Ion Ratio Lower Upper

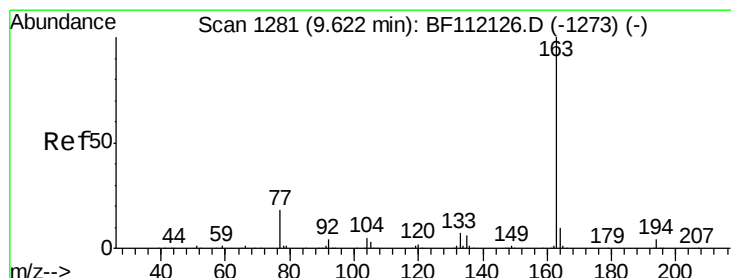
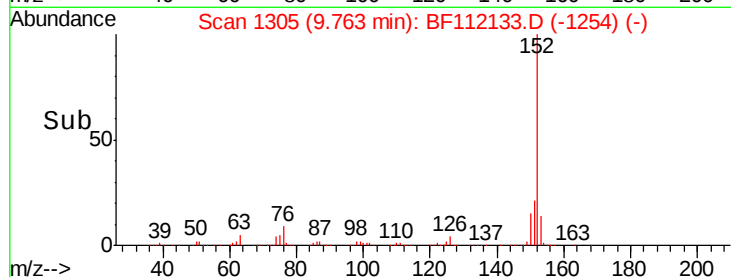
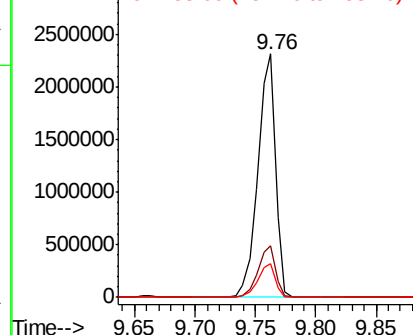
152 100

151 21.4 17.0 25.6

153 13.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.578 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

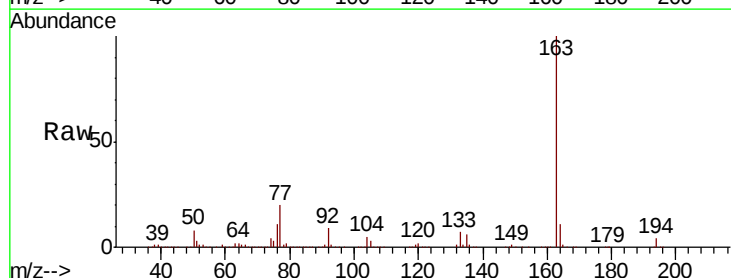
Tgt Ion:163 Resp: 1841534

Ion Ratio Lower Upper

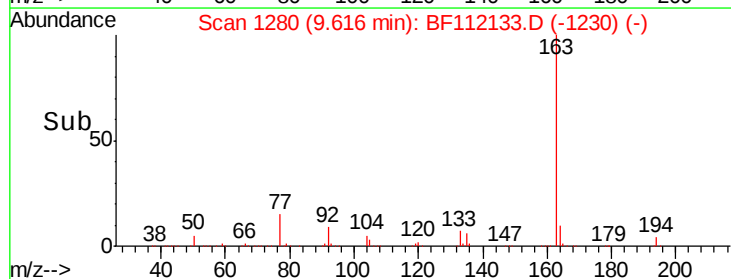
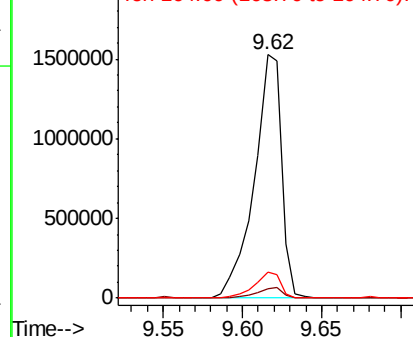
163 100

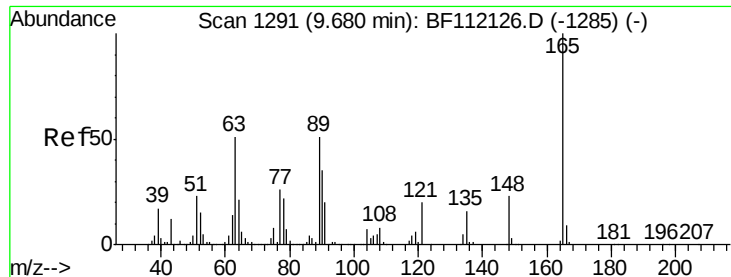
194 4.1 3.3 4.9

164 10.8 8.5 12.7



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: 51.622 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

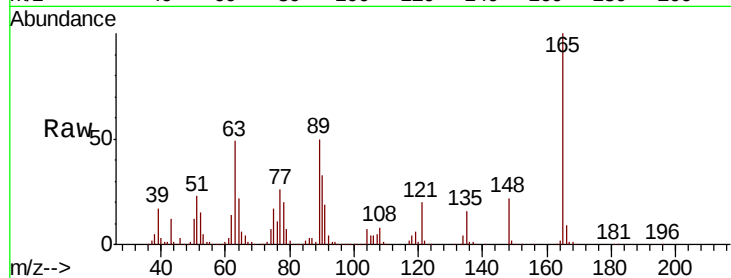
Tgt Ion:165 Resp: 416530

Ion Ratio Lower Upper

165 100

63 48.9 33.8 50.8

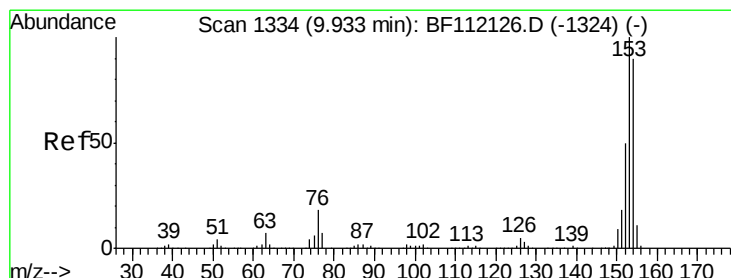
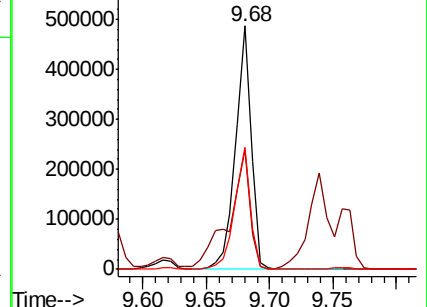
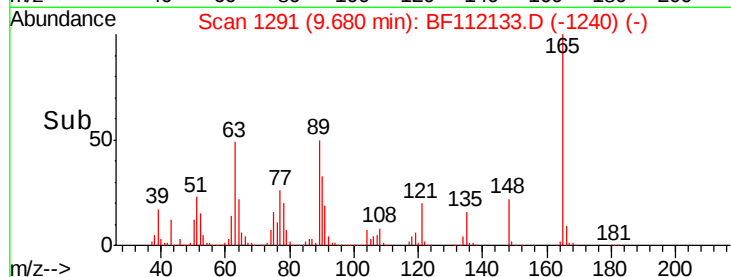
89 50.2 36.9 55.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.717 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

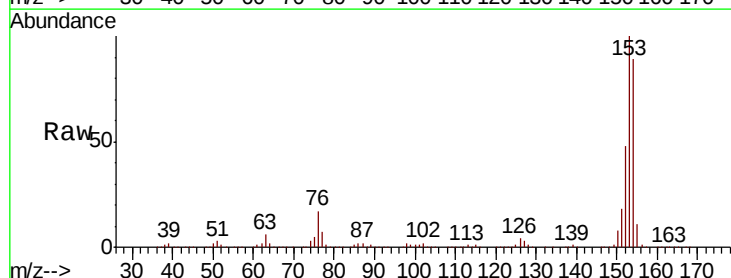
Tgt Ion:154 Resp: 1383053

Ion Ratio Lower Upper

154 100

153 111.8 89.8 134.6

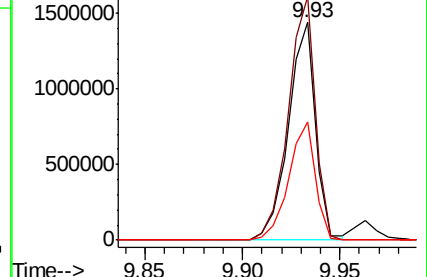
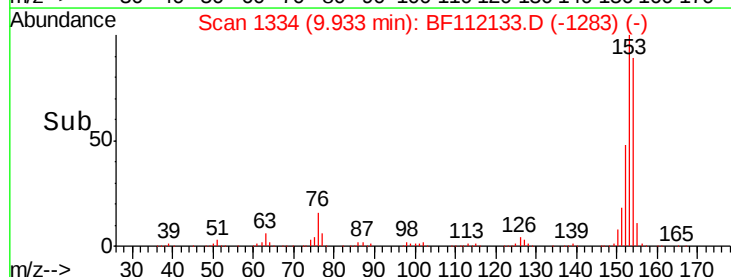
152 54.1 43.5 65.3

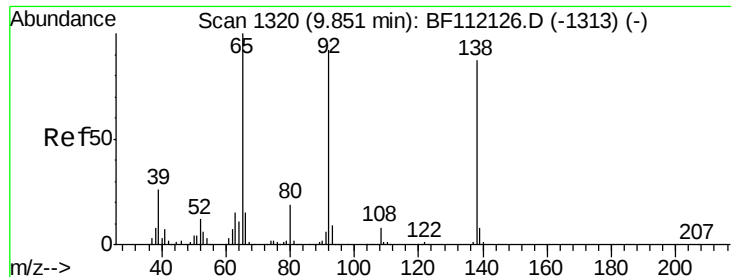


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

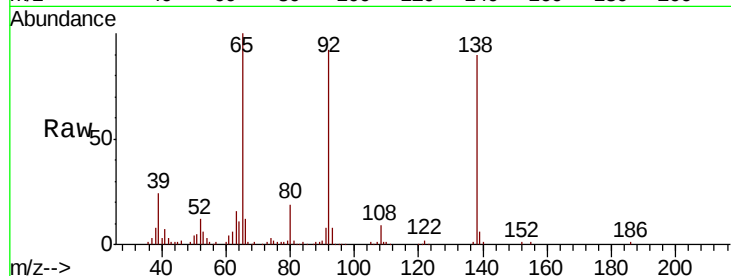




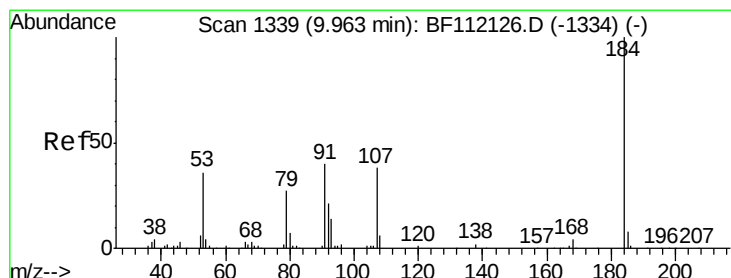
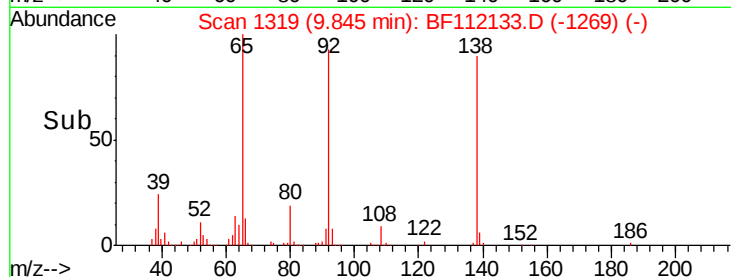
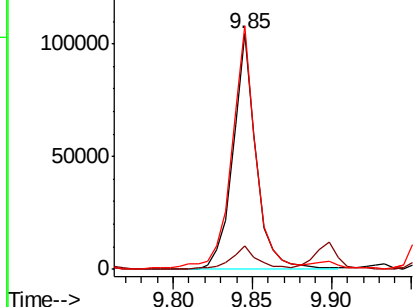
#53
3-Nitroaniline
Concen: 11.720 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:138 Resp: 105750
Ion Ratio Lower Upper
138 100
108 10.0 9.8 14.6
92 103.3 79.4 119.2

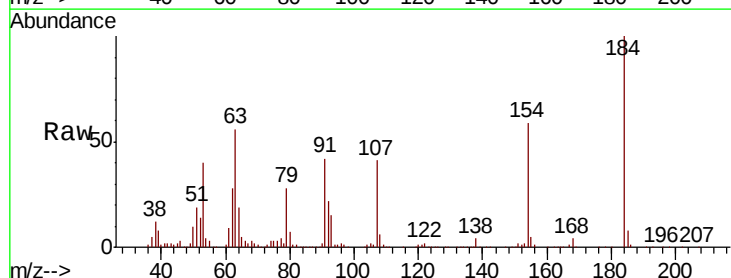


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

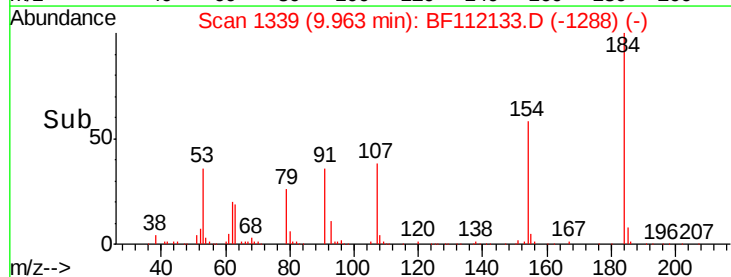
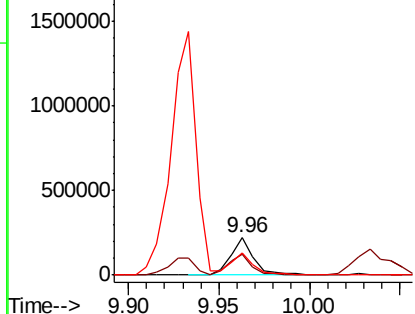


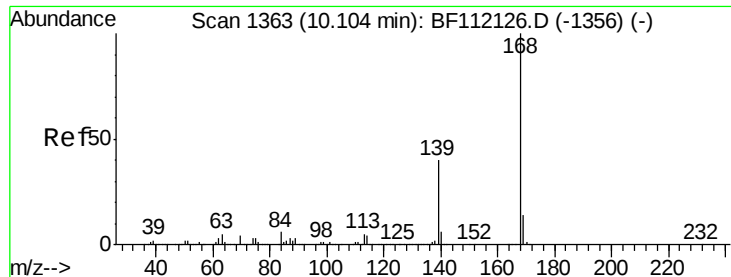
#54
2,4-Dinitrophenol
Concen: 77.678 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:184 Resp: 201279
Ion Ratio Lower Upper
184 100
63 55.5 47.1 70.7
154 58.6 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 42.772 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

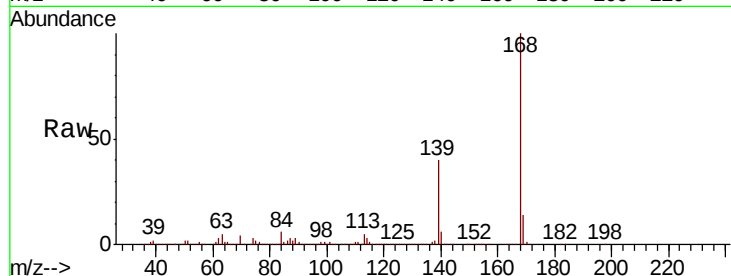
Tgt Ion:168 Resp: 2094219

Ion Ratio Lower Upper

168 100

139 39.6 29.2 43.8

169 14.5 11.4 17.0

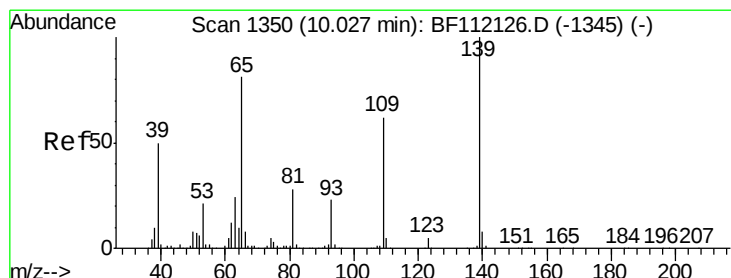
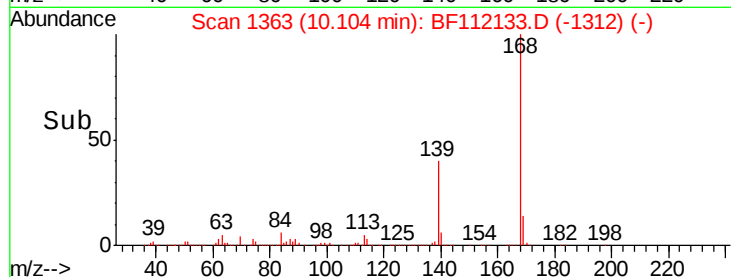
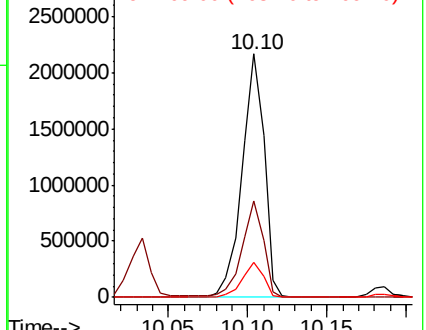


Abundance

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: 77.349 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

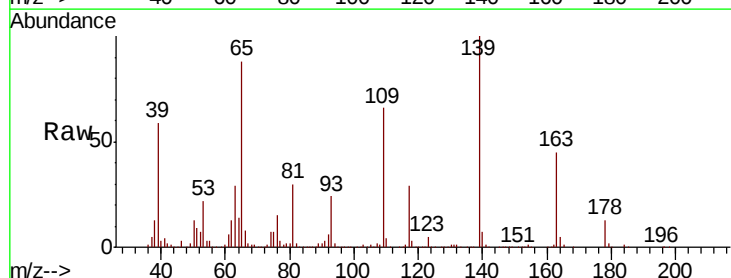
Tgt Ion:139 Resp: 497521

Ion Ratio Lower Upper

139 100

109 66.3 42.8 82.8

65 88.5 66.1 106.1

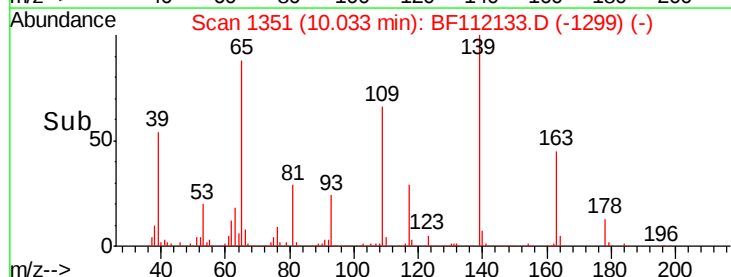
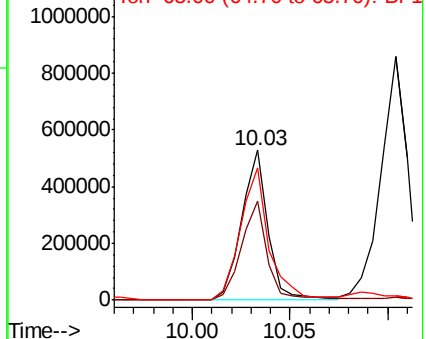


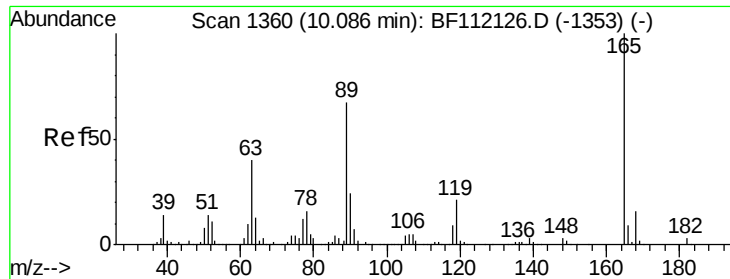
Abundance

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): BF1

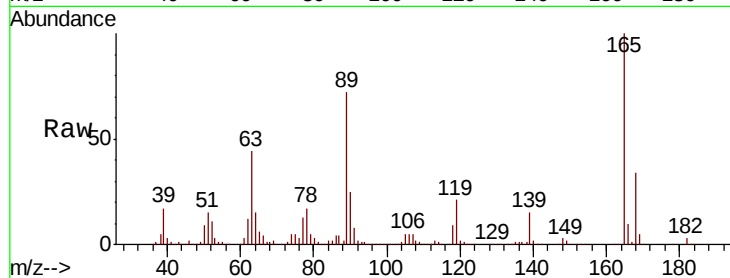




#57
2,4-Dinitrotoluene
Concen: 51.187 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	27.9	41.9#
89	71.6	47.9	71.9
182	2.6	2.2	3.4



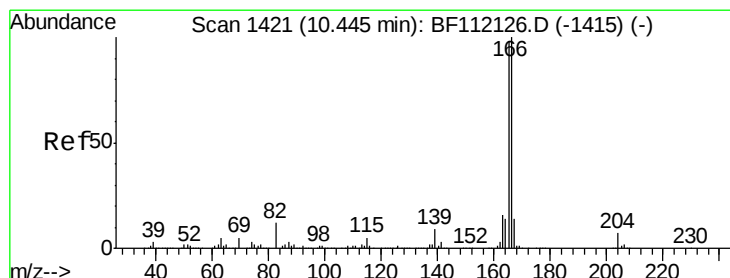
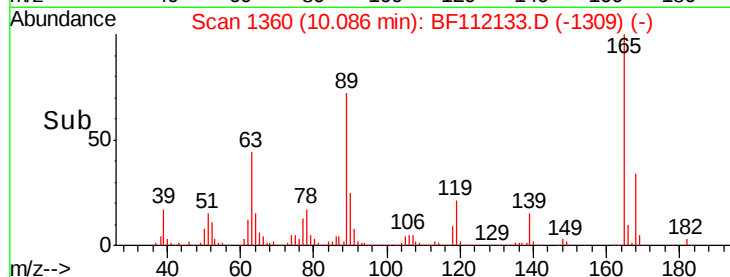
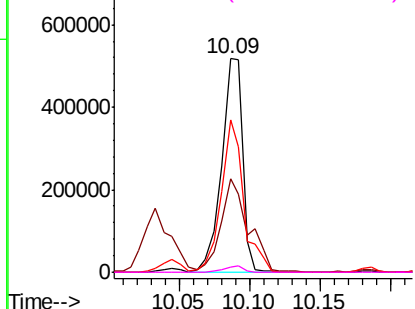
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

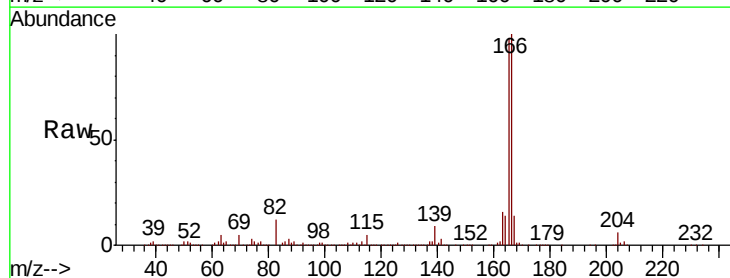
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.465 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.1	115.7
167	14.2	11.3	16.9

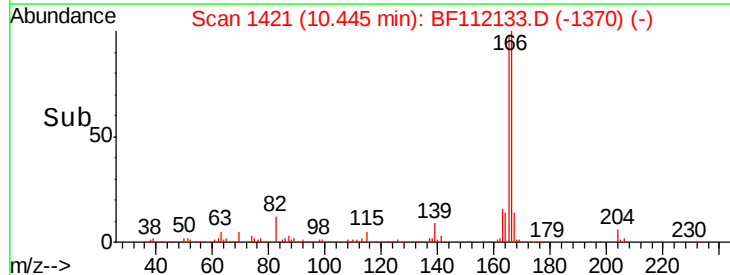
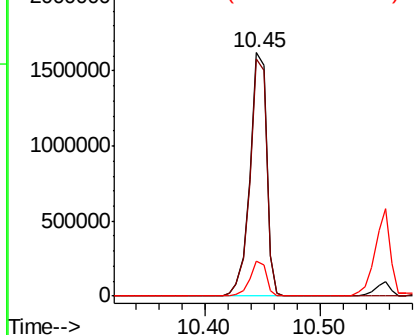


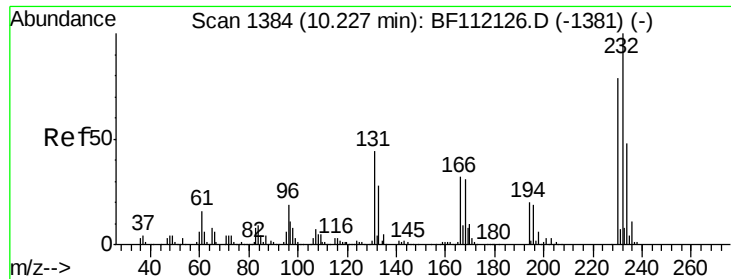
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

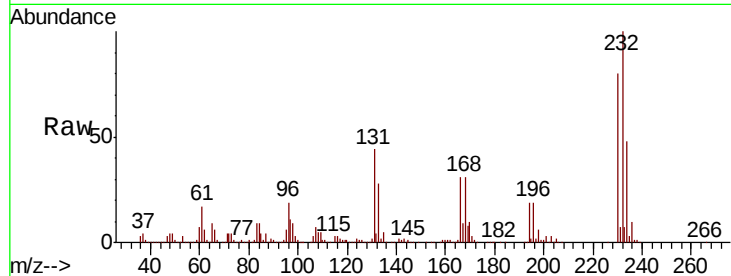




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.399 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.9	50.9
130	2.3	1.8	2.6
166	29.3	23.6	35.4



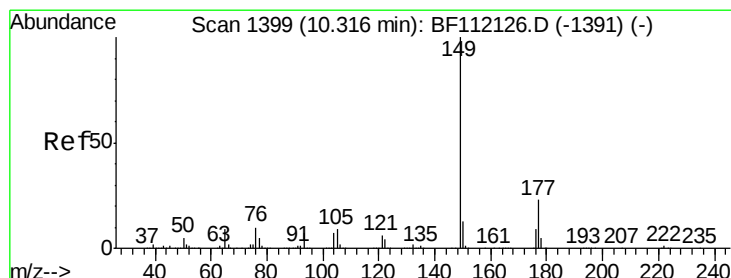
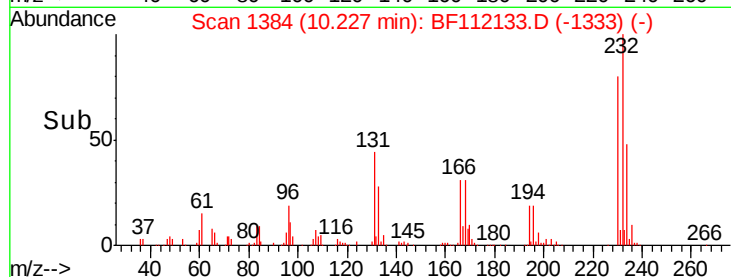
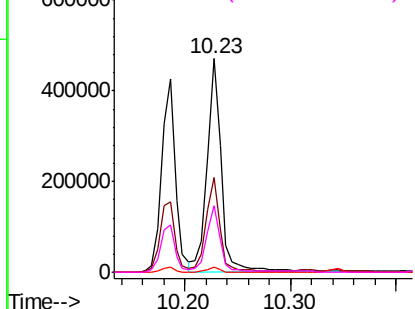
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

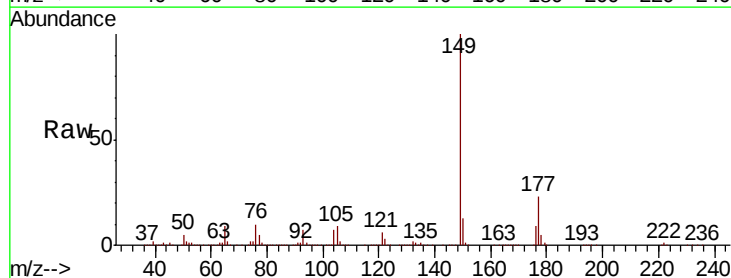
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.084 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.2	27.2
150	13.5	10.4	15.6

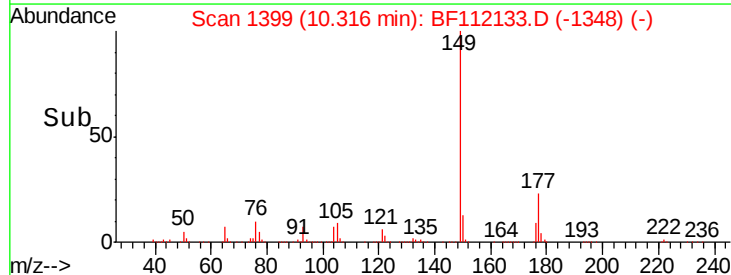
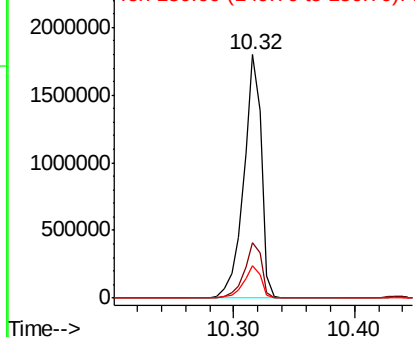


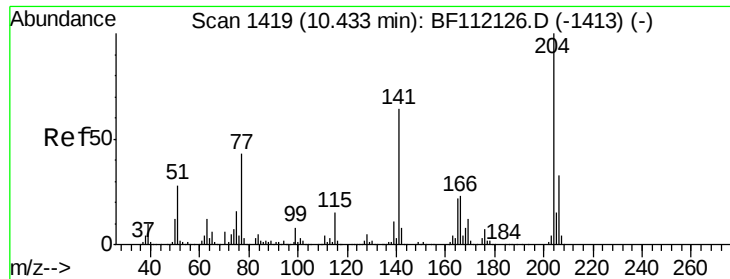
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

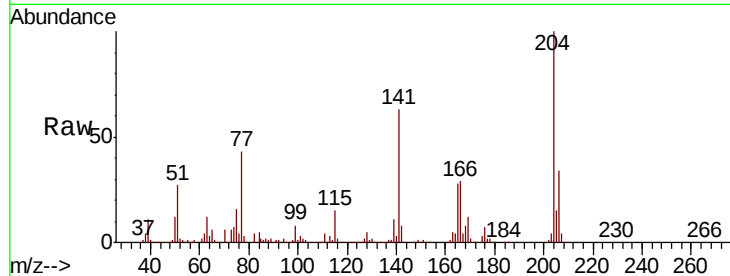




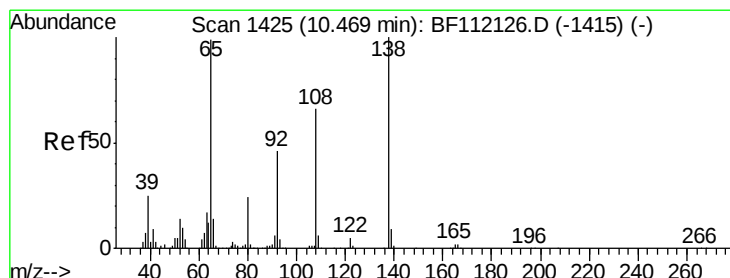
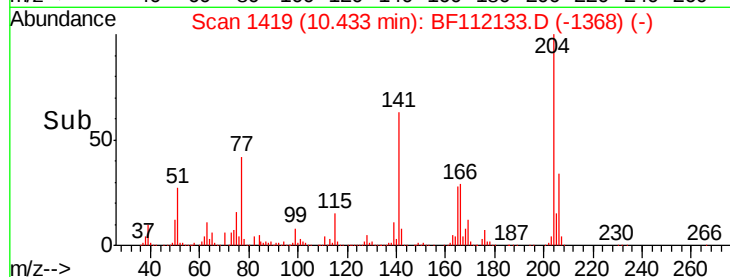
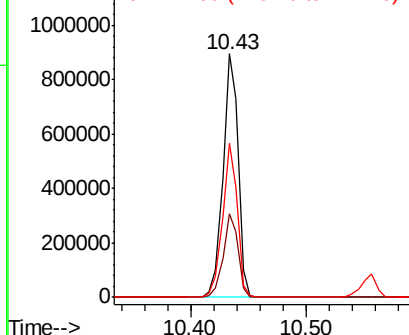
#61
 4-Chlorophenyl-phenylether
 Concen: 41.190 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tgt Ion: 204 Resp: 813109
 Ion Ratio Lower Upper
 204 100
 206 34.1 26.5 39.7
 141 63.4 45.9 68.9

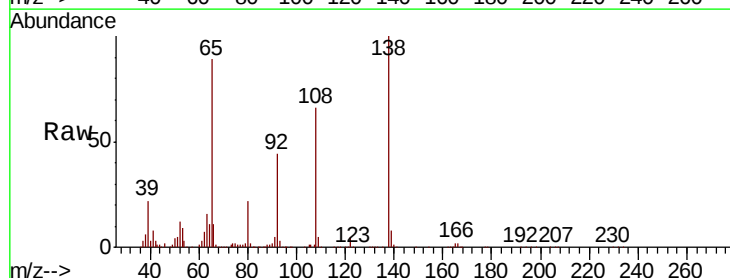


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

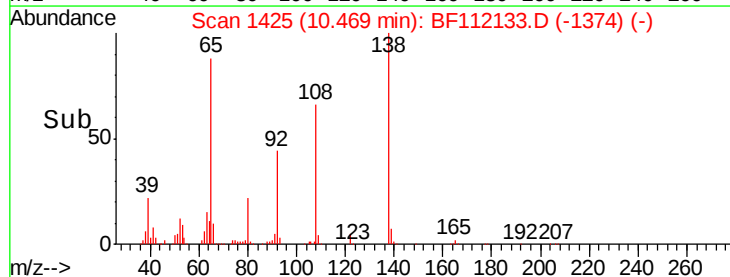
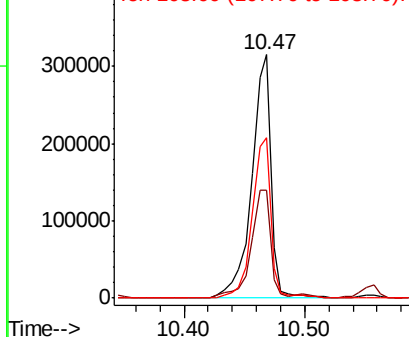


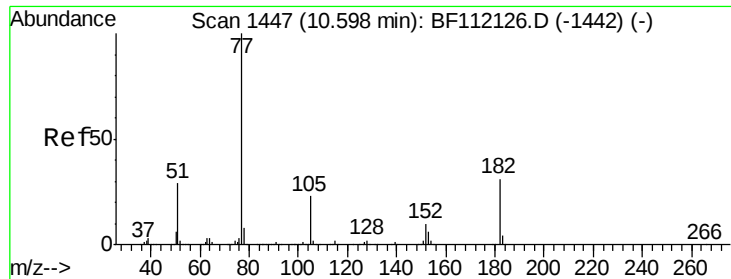
#62
 4-Nitroaniline
 Concen: 39.410 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion: 138 Resp: 353102
 Ion Ratio Lower Upper
 138 100
 92 44.2 30.6 70.6
 108 66.0 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

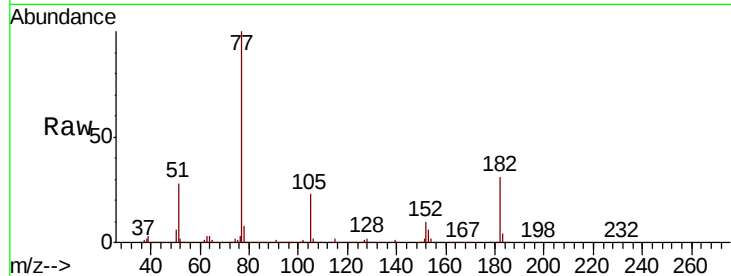




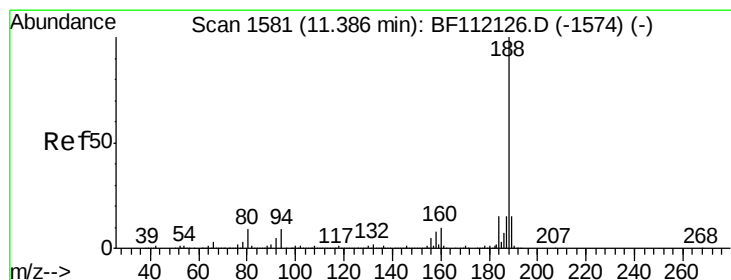
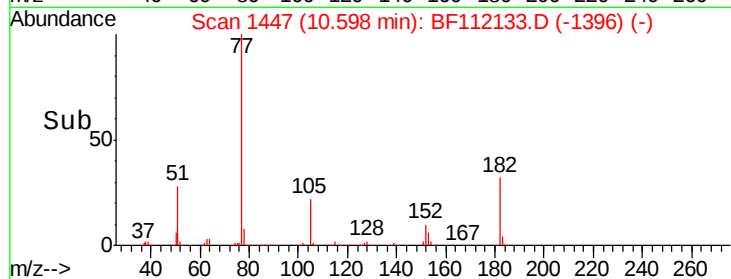
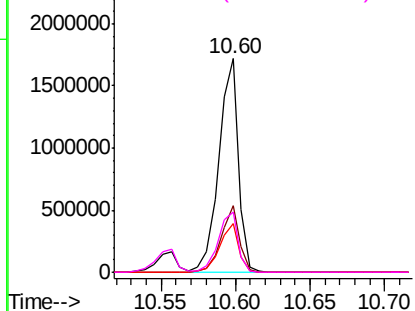
#63
Azobenzene
Concen: 41.848 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion: 77 Resp: 1580555
Ion Ratio Lower Upper
77 100
182 31.4 5.7 45.7
105 22.6 1.4 41.4
51 28.0 9.5 49.5

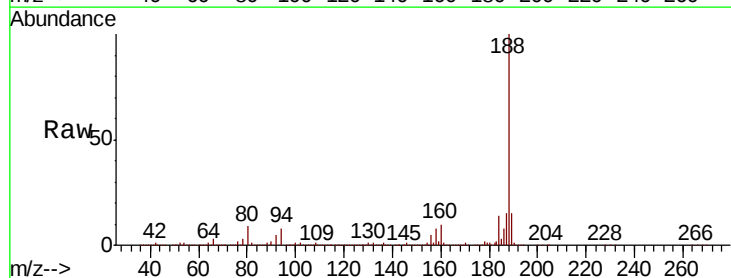


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

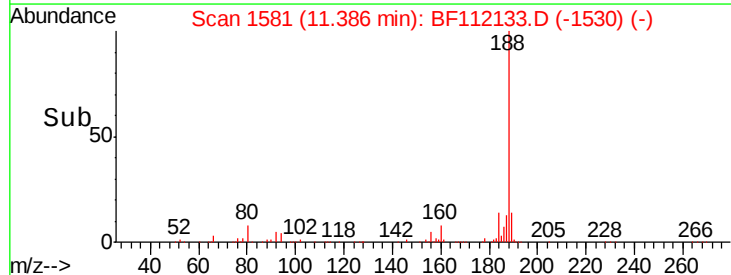
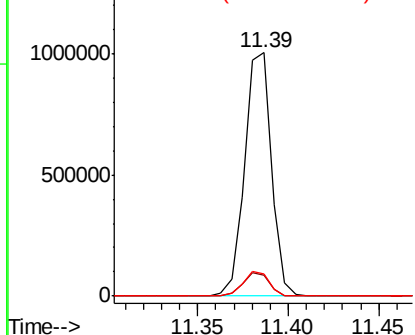


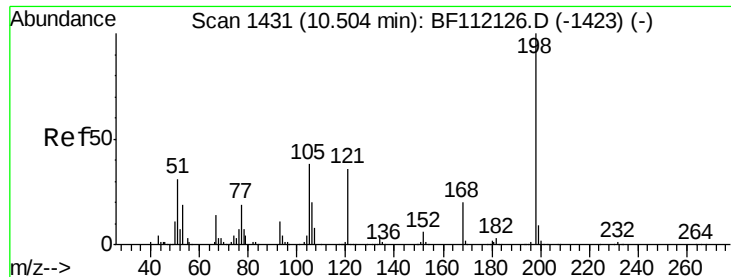
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion: 188 Resp: 1032143
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 8.9 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

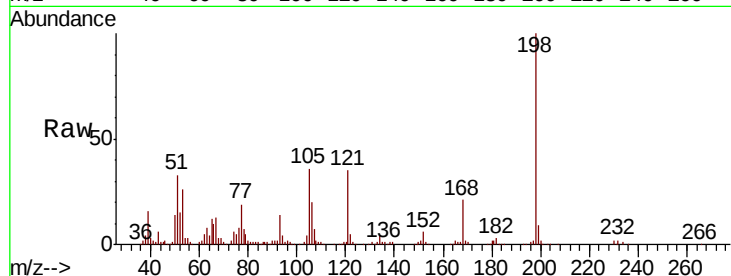




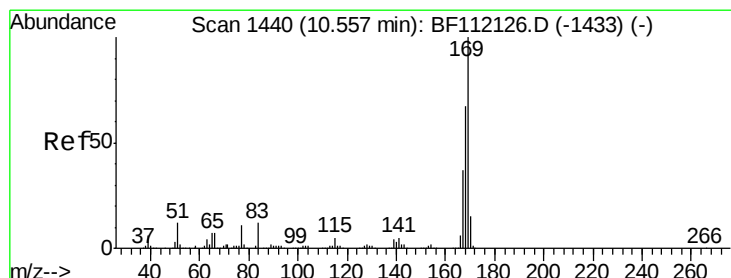
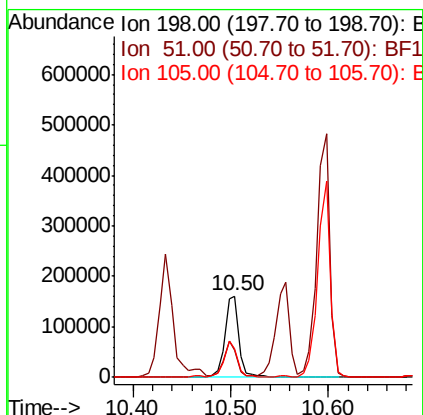
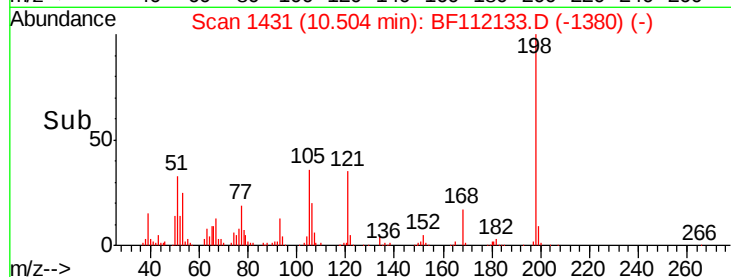
#65
4,6-Dinitro-2-methylphenol
Concen: 39.411 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:198 Resp: 159842
Ion Ratio Lower Upper
198 100
51 32.9 17.2 57.2
105 35.9 21.9 61.9

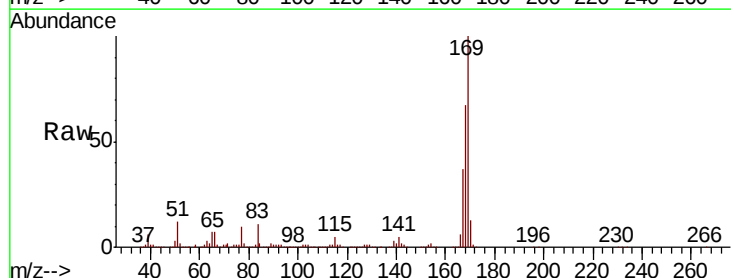


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

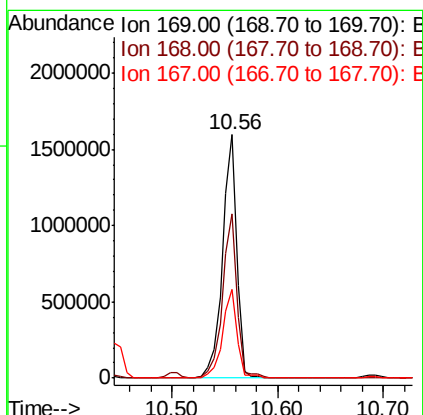
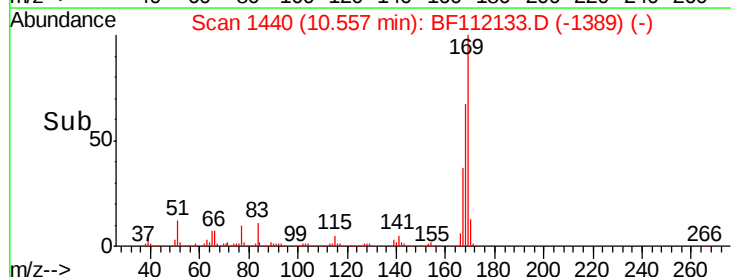


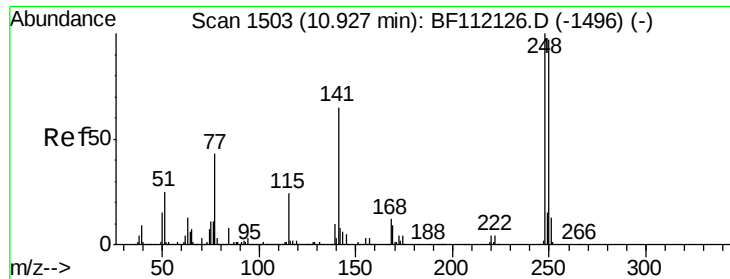
#66
n-Nitrosodiphenylamine
Concen: 44.389 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:169 Resp: 1514624
Ion Ratio Lower Upper
169 100
168 67.4 53.9 80.9
167 36.6 28.9 43.3



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

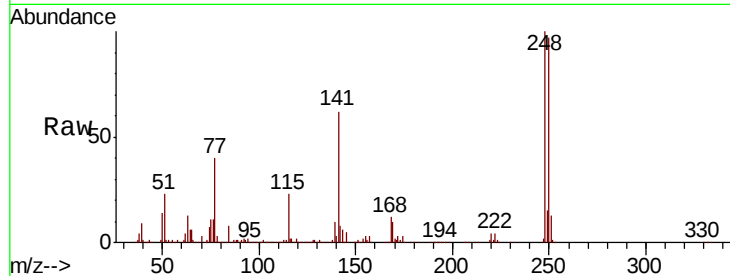




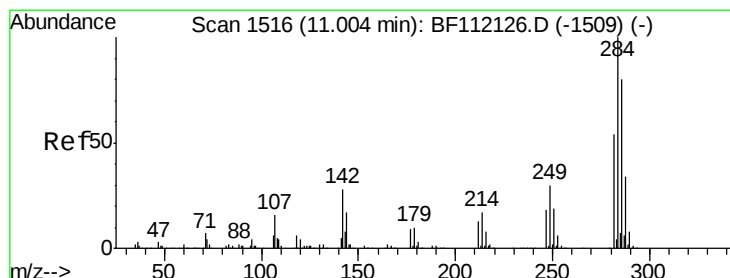
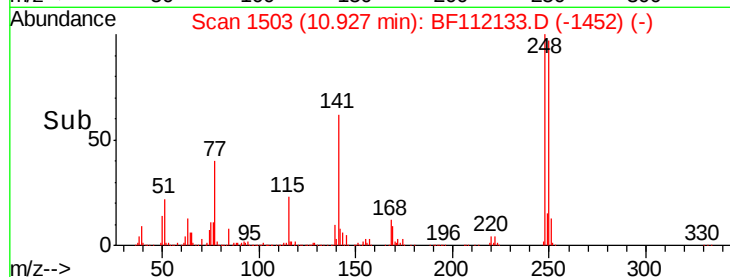
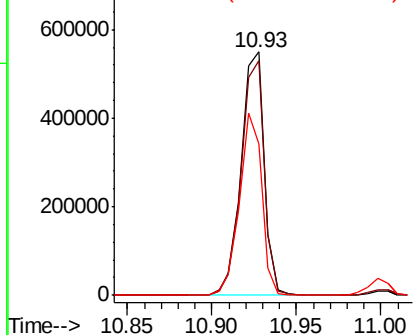
#67
4-Bromophenyl-phenylether
Concen: 43.977 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:248 Resp: 527228
Ion Ratio Lower Upper
248 100
250 96.5 79.7 119.5
141 62.1 60.3 90.5

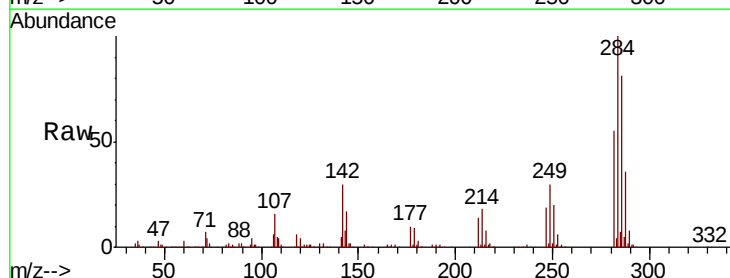


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

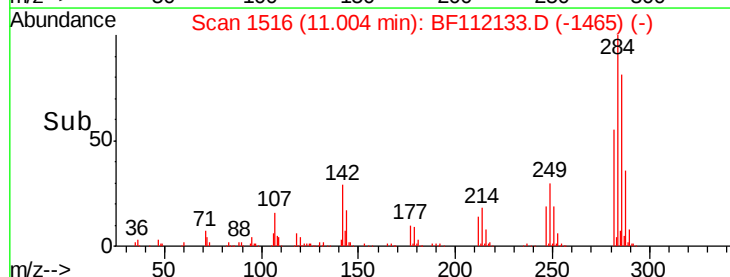
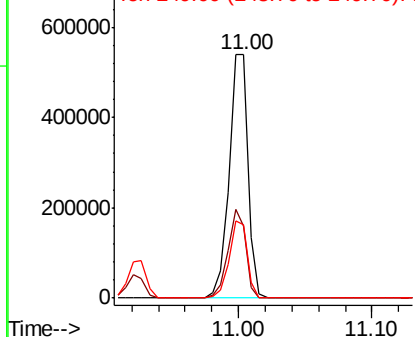


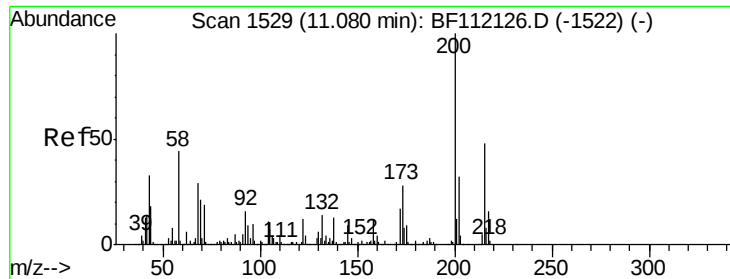
#68
Hexachlorobenzene
Concen: 41.947 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:284 Resp: 541717
Ion Ratio Lower Upper
284 100
142 29.9 27.6 41.4
249 30.0 24.1 36.1



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

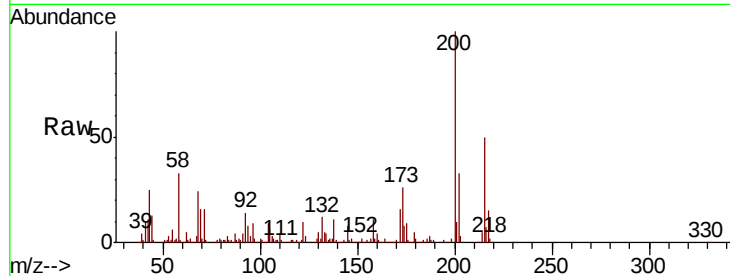




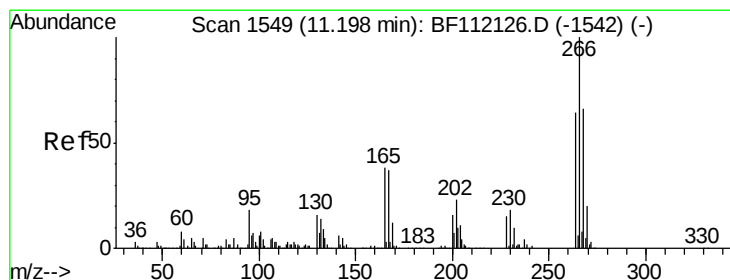
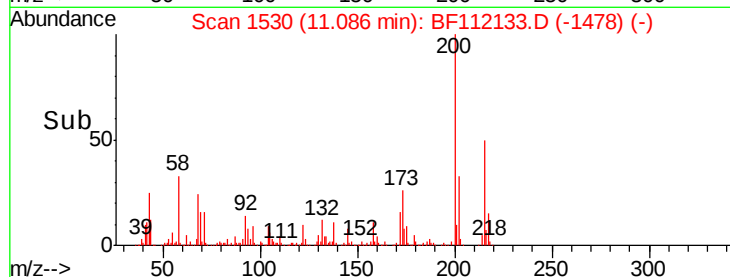
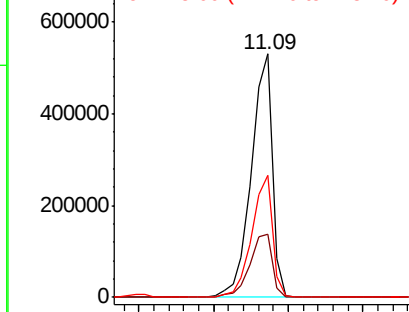
#69
Atrazine
Concen: 46.809 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:200 Resp: 515402
Ion Ratio Lower Upper
200 100
173 26.2 7.1 47.1
215 50.3 30.4 70.4

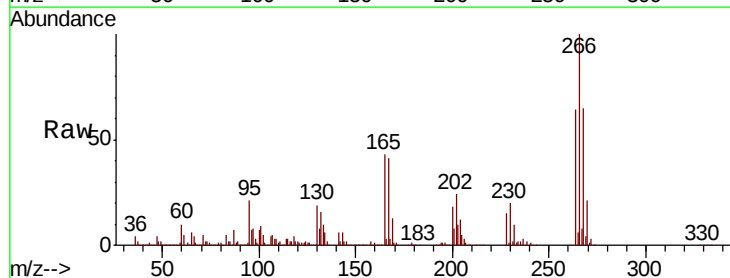


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

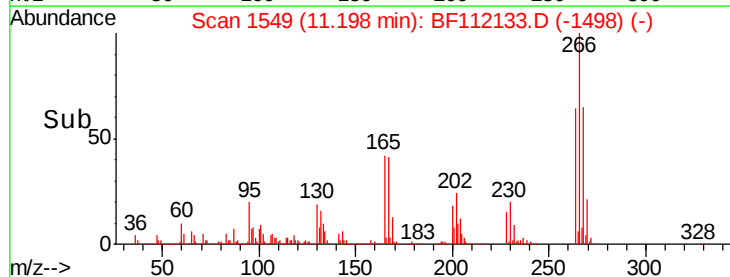
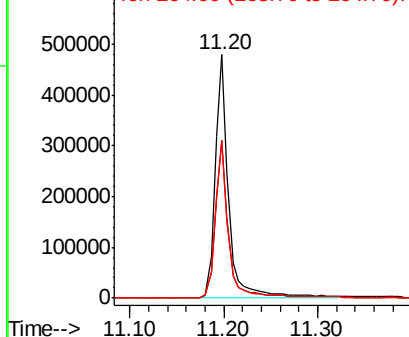


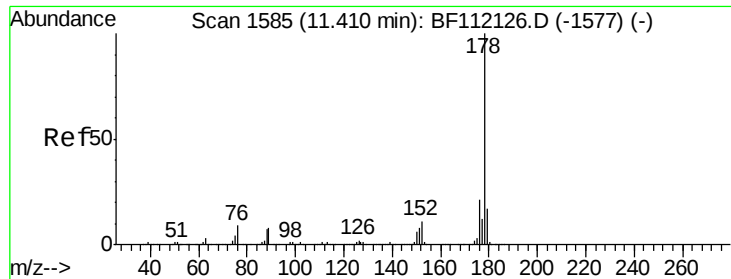
#70
Pentachlorophenol
Concen: 79.077 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:266 Resp: 490541
Ion Ratio Lower Upper
266 100
268 64.9 51.2 76.8
264 64.4 50.9 76.3



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: 43.700 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

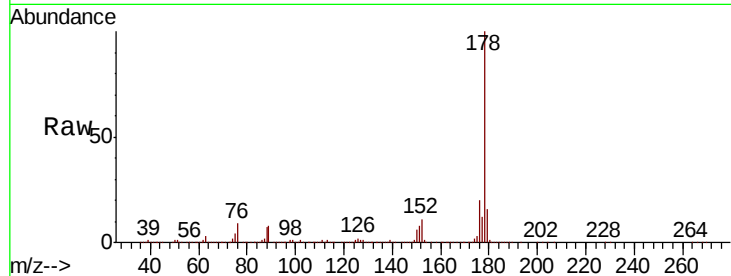
Tgt Ion:178 Resp: 2269912

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

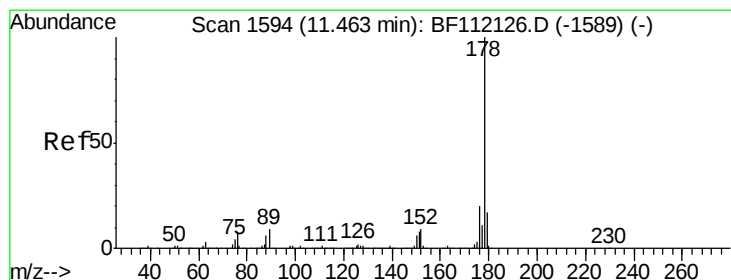
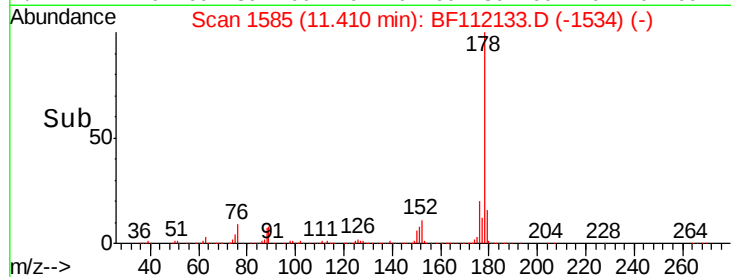
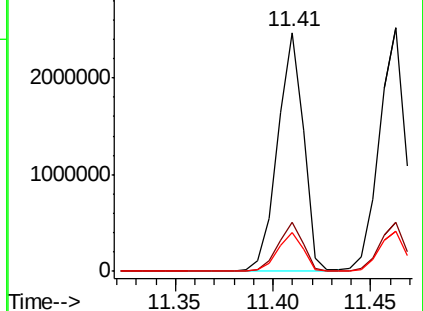
179 16.3 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.155 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

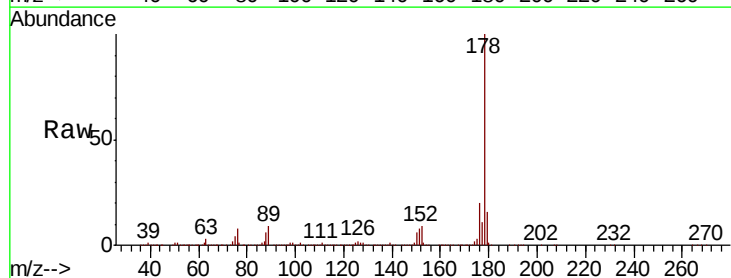
Tgt Ion:178 Resp: 2323364

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

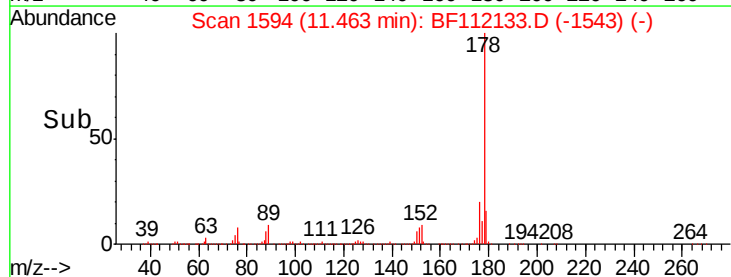
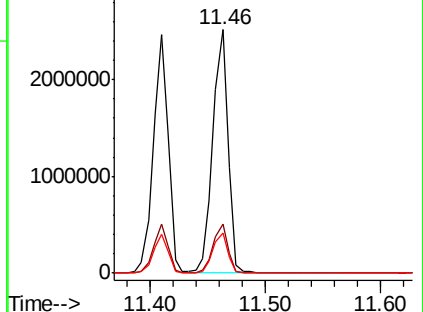
179 16.4 12.8 19.2

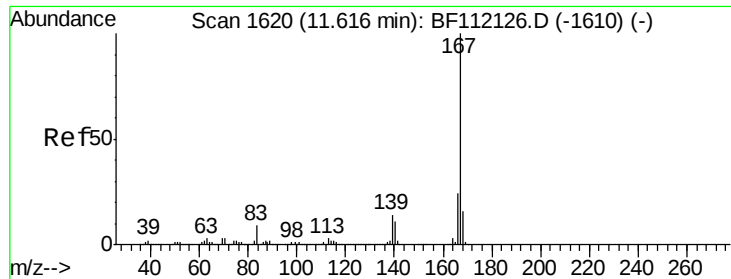


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

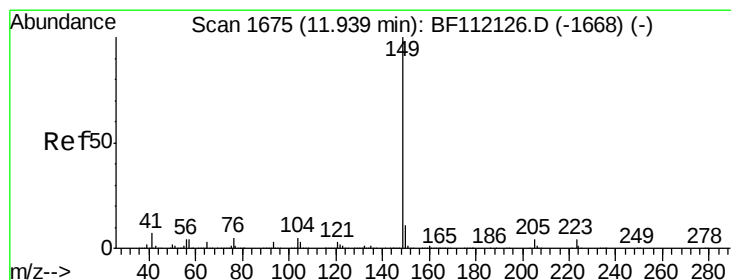
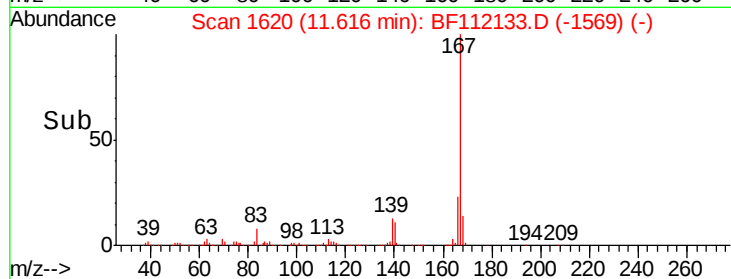
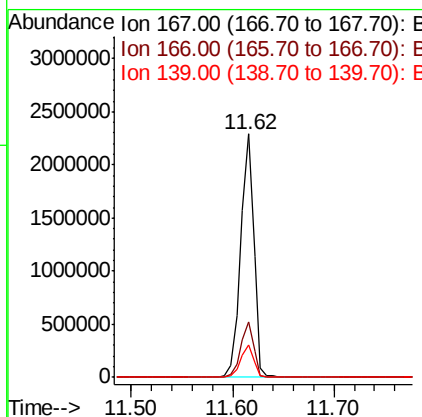
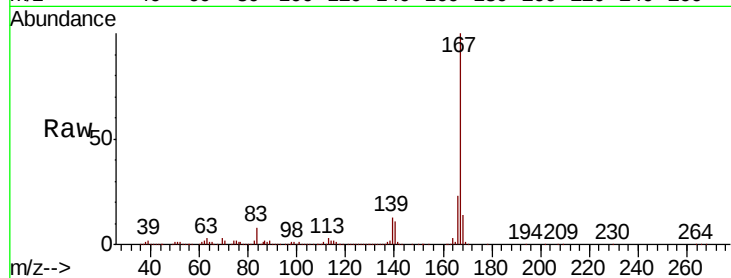




#73
 Carbazole
 Concen: 39.259 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

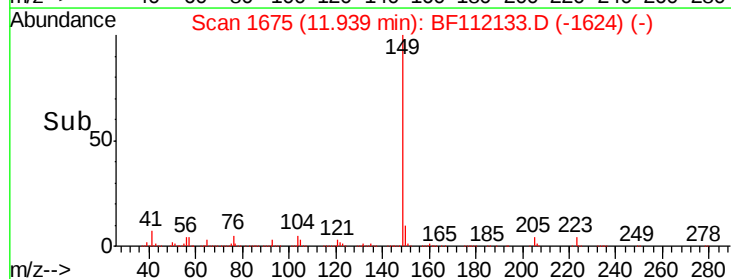
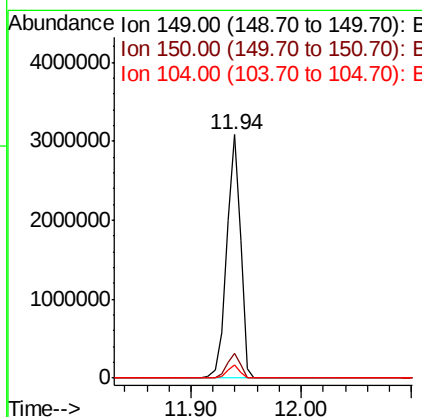
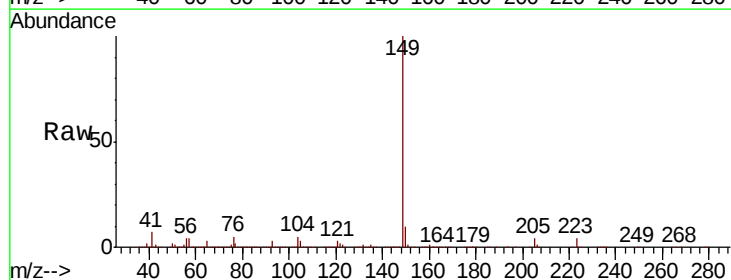
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

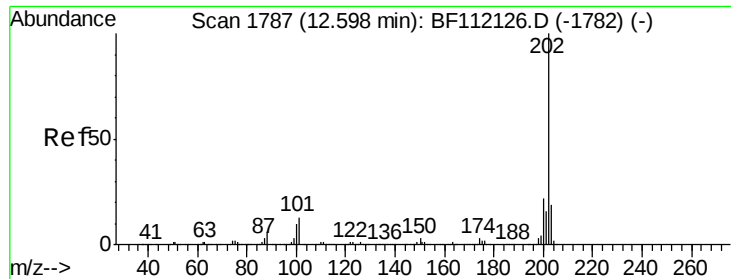
Tgt Ion:167 Resp: 2069380
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.9 26.9
 139 13.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 45.654 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion:149 Resp: 2706932
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 5.4 3.9 5.9





#75

Fluoranthene

Concen: 38.319 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

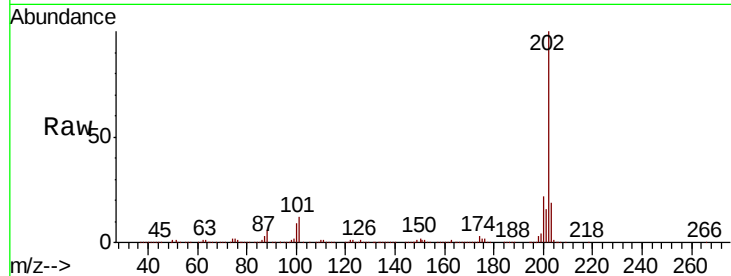
Tgt Ion:202 Resp: 2101519

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.8

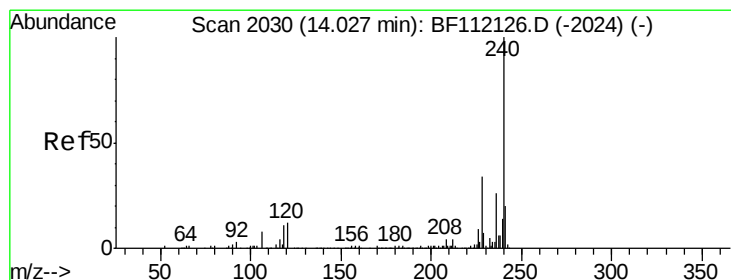
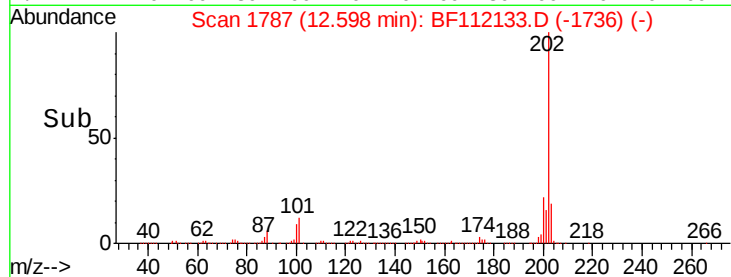
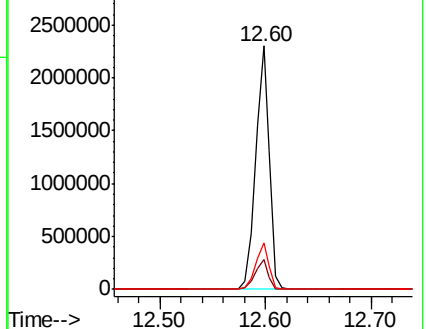
203 19.0 0.0 38.4



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: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

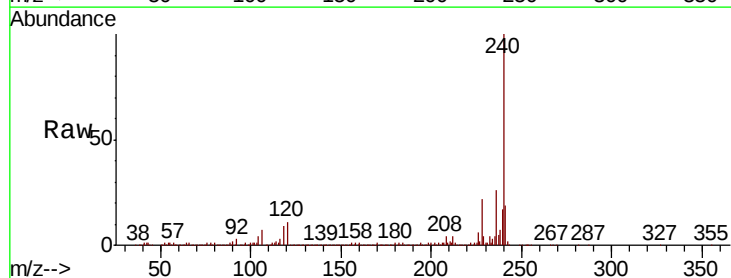
Tgt Ion:240 Resp: 613988

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

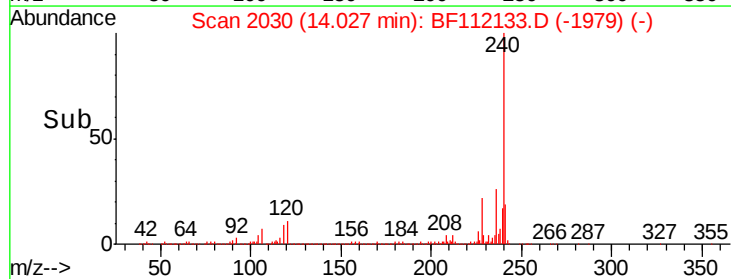
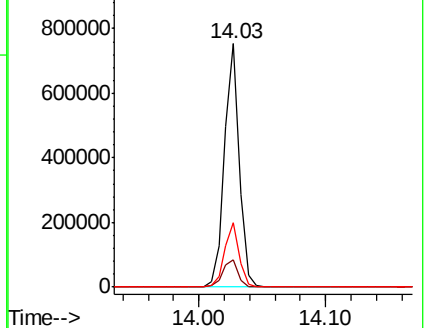
236 26.2 20.7 31.1

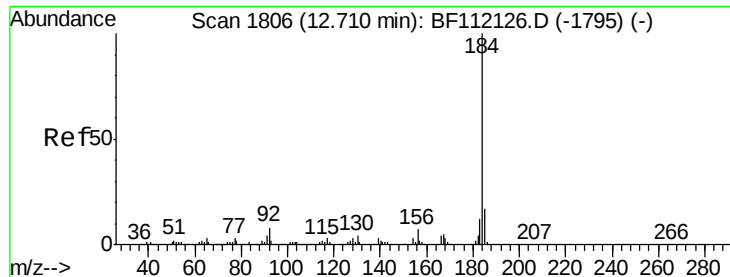


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.634 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

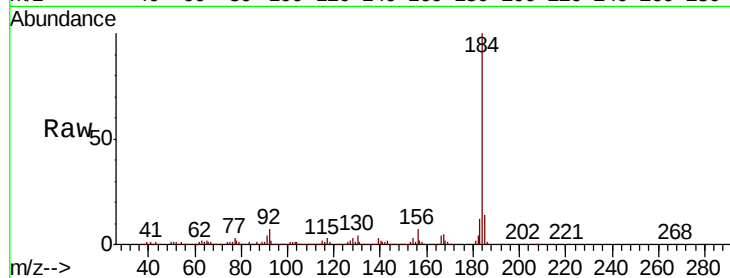
Tgt Ion:184 Resp: 443192

Ion Ratio Lower Upper

184 100

185 14.3 13.9 20.9

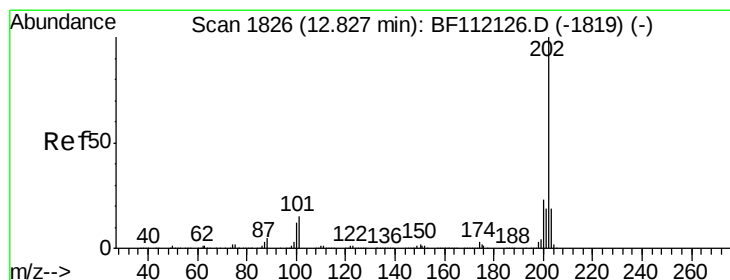
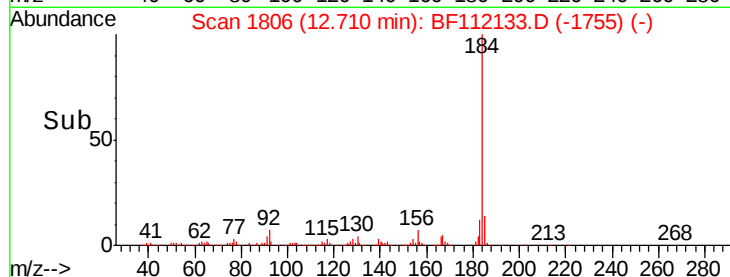
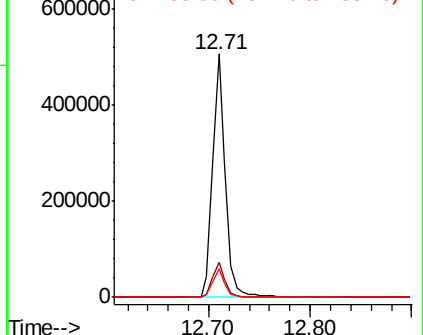
183 11.7 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.736 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

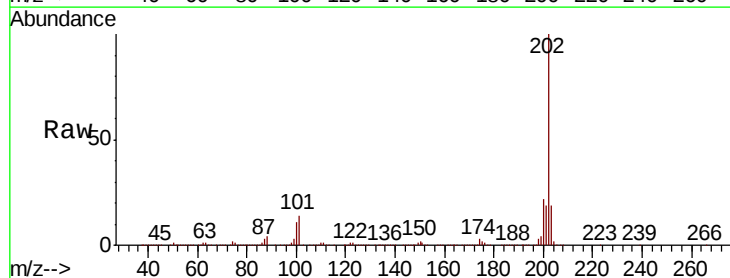
Tgt Ion:202 Resp: 2055218

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

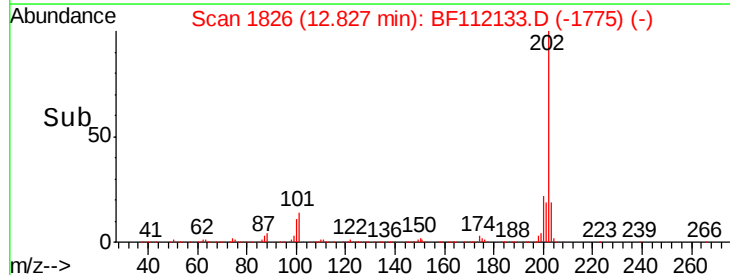
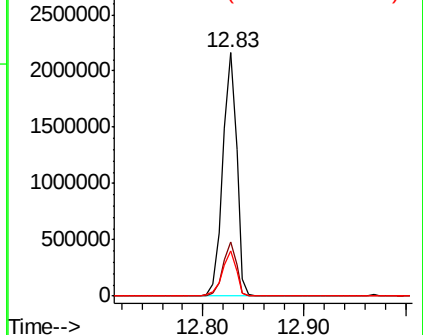
203 18.6 14.6 22.0

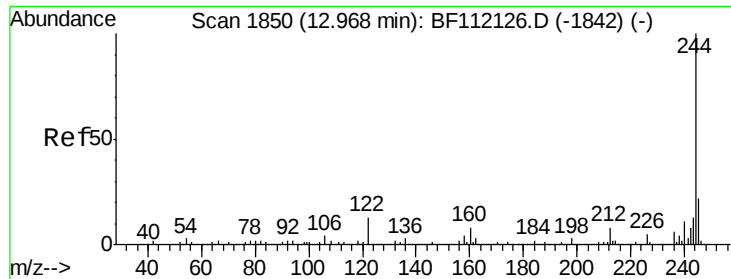


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.597 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

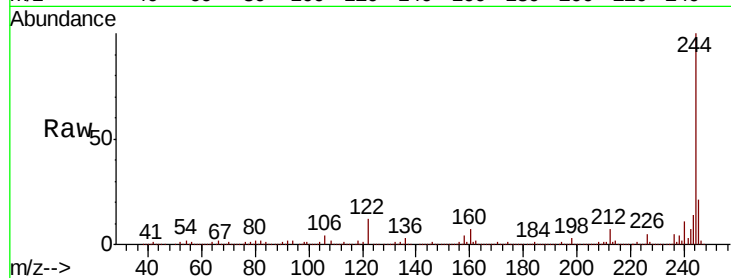
Tgt Ion:244 Resp: 2787901

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

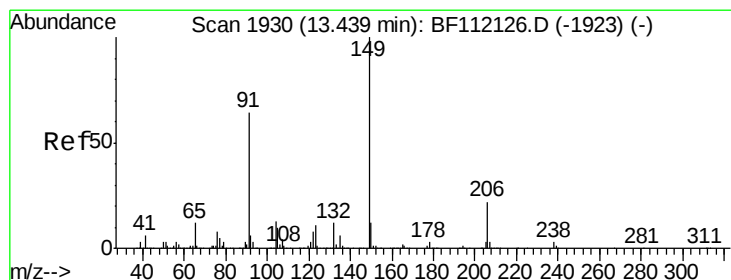
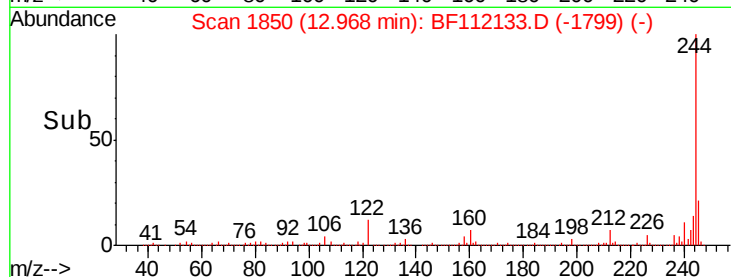
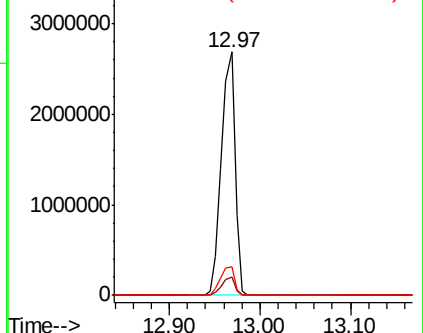
122 11.5 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.711 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

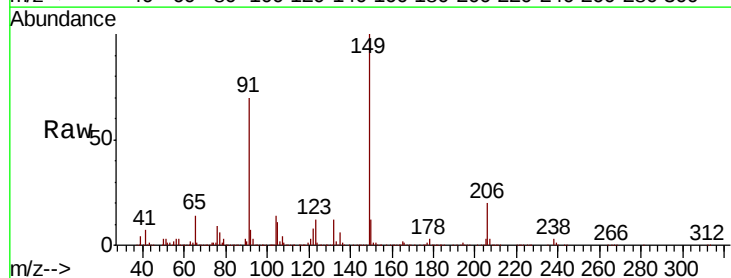
Tgt Ion:149 Resp: 1007823

Ion Ratio Lower Upper

149 100

91 70.4 50.3 75.5

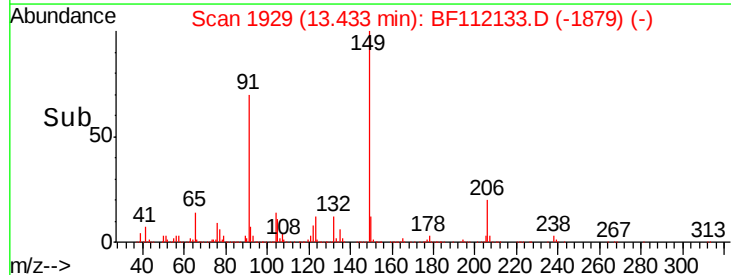
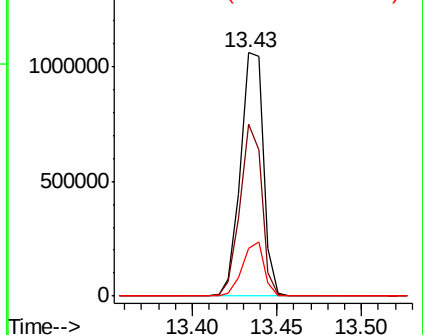
206 19.8 18.2 27.4

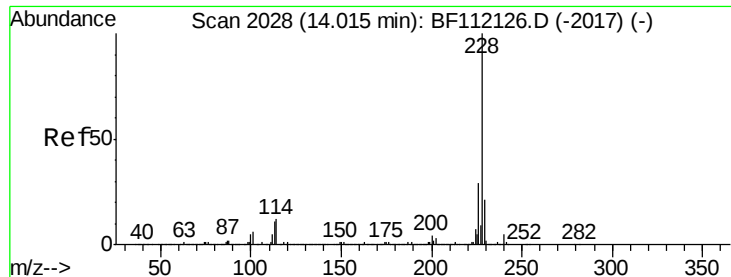


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.286 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

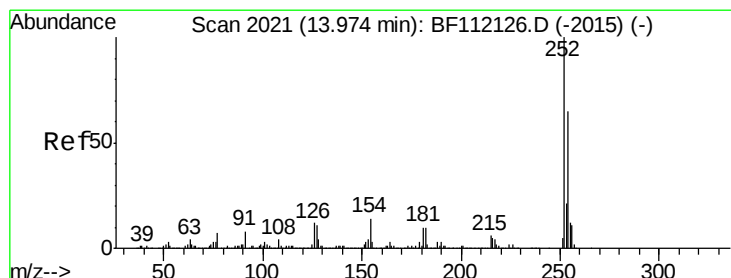
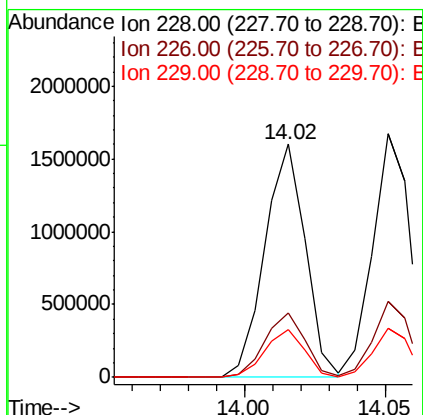
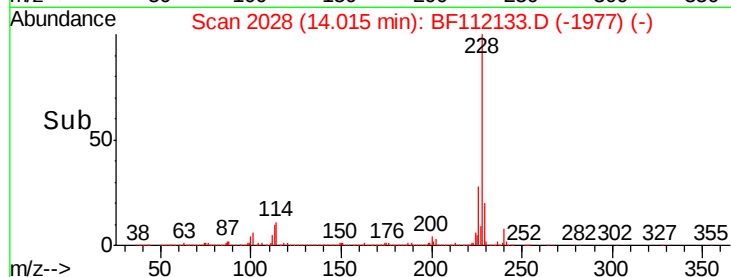
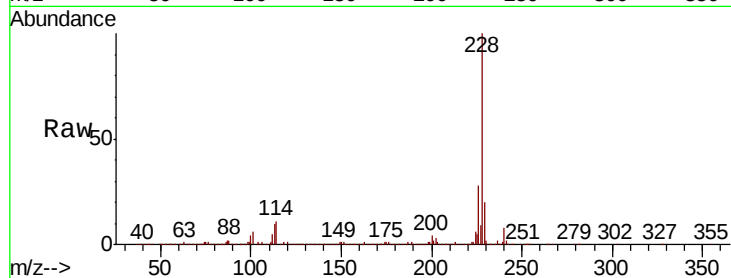
Tgt Ion:228 Resp: 1594251

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

229 20.4 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 22.216 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

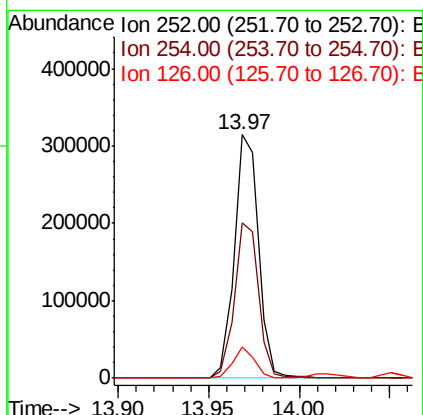
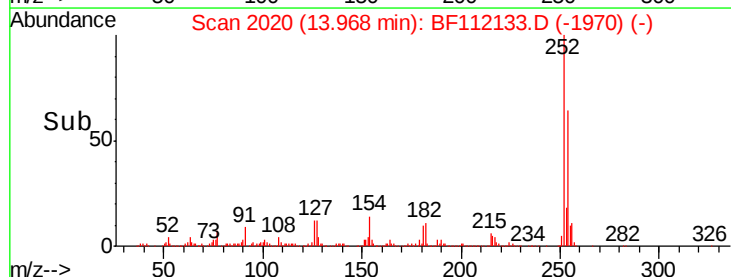
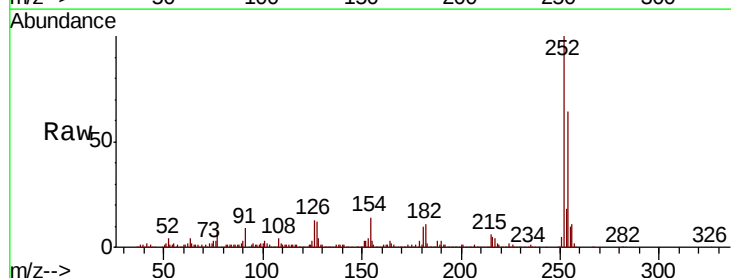
Tgt Ion:252 Resp: 292900

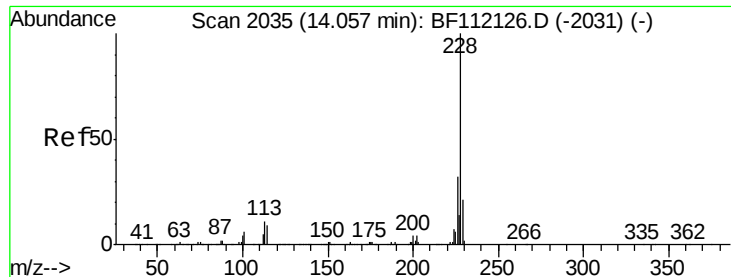
Ion Ratio Lower Upper

252 100

254 64.0 51.6 77.4

126 12.6 8.6 12.8

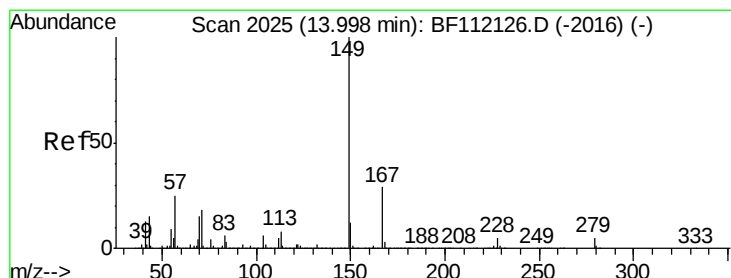
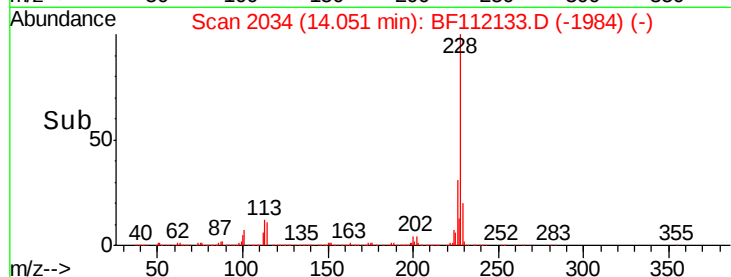
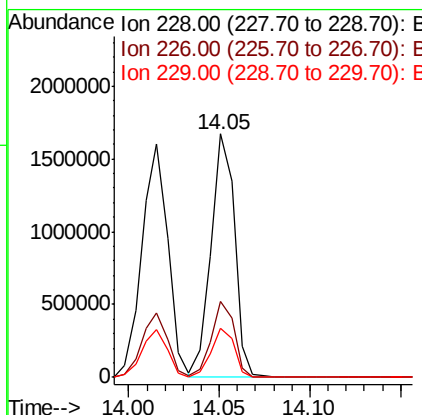
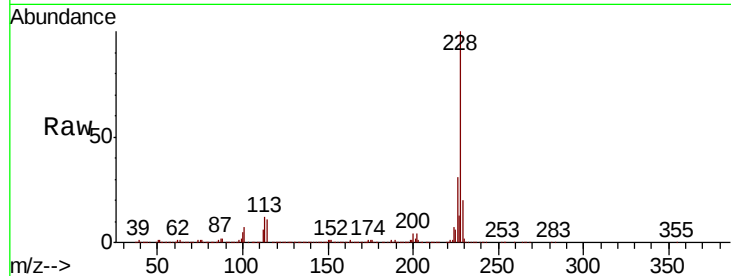




#83
Chrysene
Concen: 45.330 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

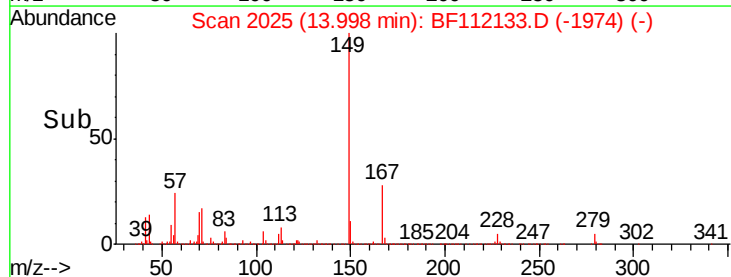
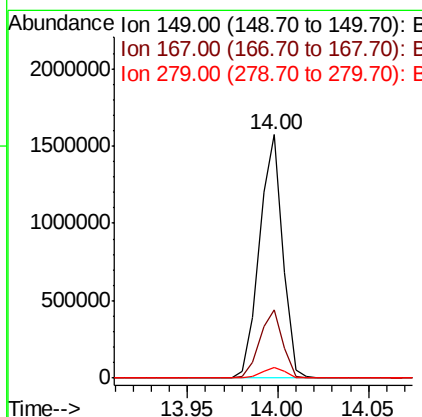
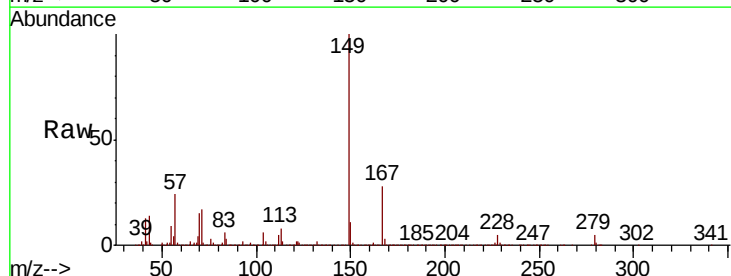
Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

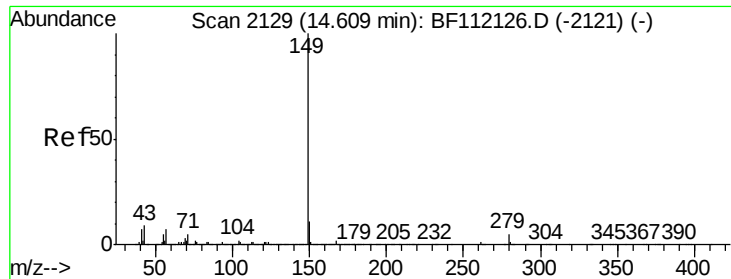
Tgt Ion:228 Resp: 1509989
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 20.3 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.933 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:149 Resp: 1399099
Ion Ratio Lower Upper
149 100
167 27.8 22.5 33.7
279 4.5 3.8 5.6

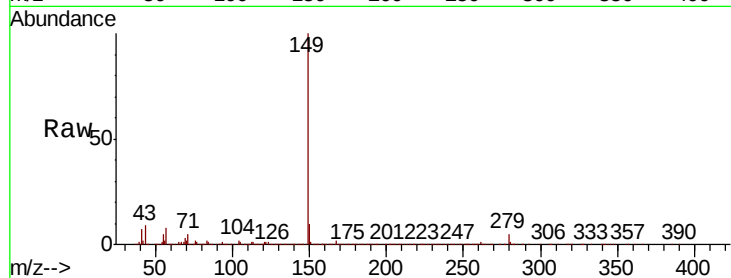




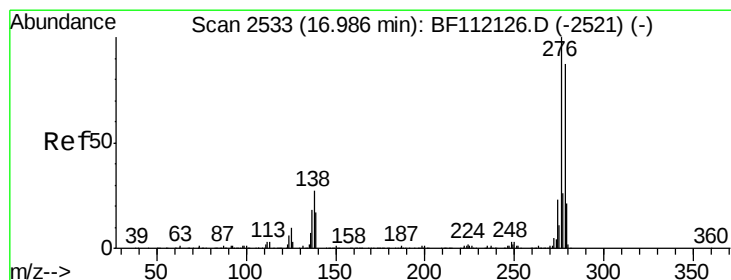
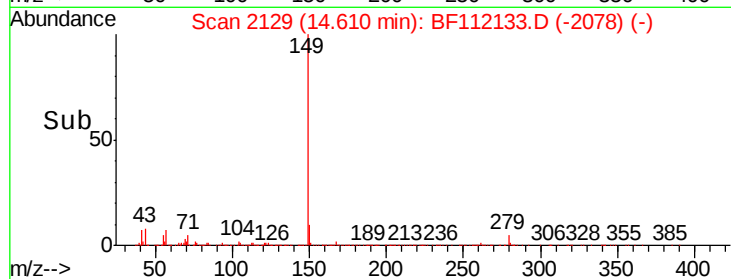
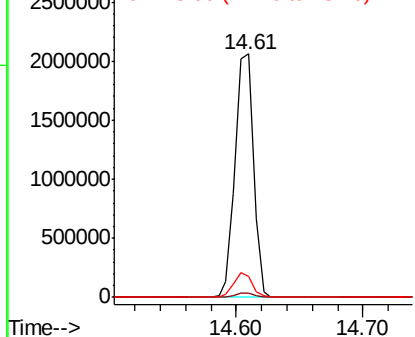
#85
 Di-n-octyl phthalate
 Concen: 52.414 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-AMS

Tgt Ion:149 Resp: 2056841
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.3 7.8 11.6

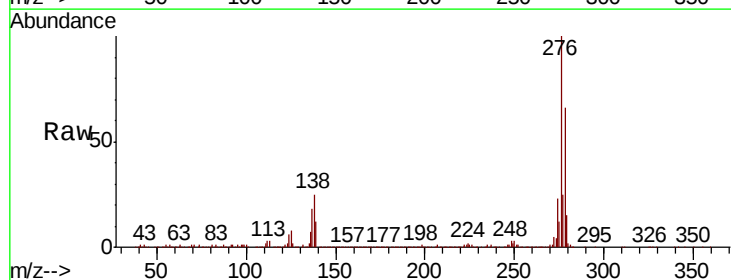


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

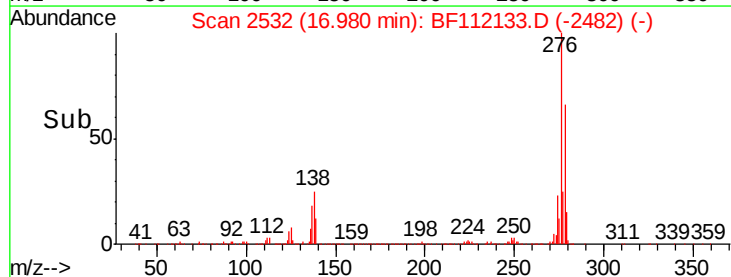
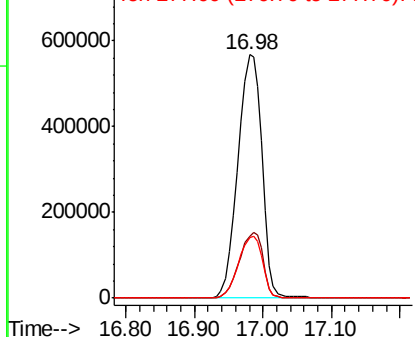


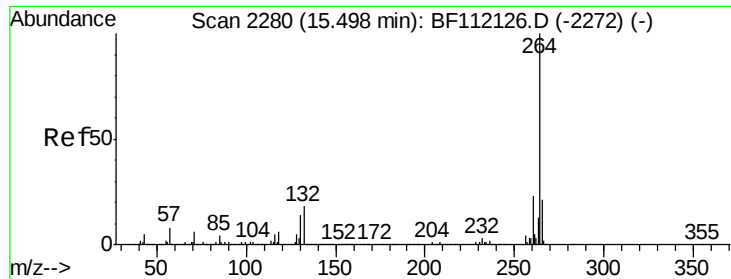
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 45.125 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.01 min
 Lab File: BF112133.D
 Acq: 18 Jan 2019 19:14

Tgt Ion:276 Resp: 1386799
 Ion Ratio Lower Upper
 276 100
 138 27.0 22.6 34.0
 277 25.8 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



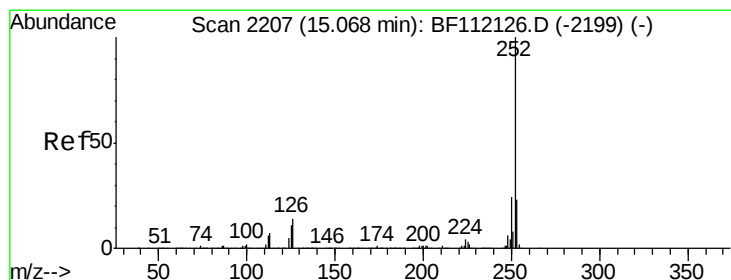
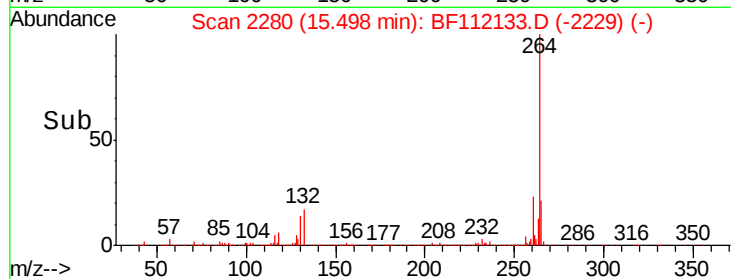
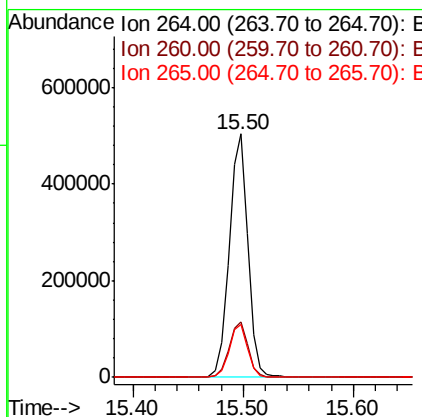
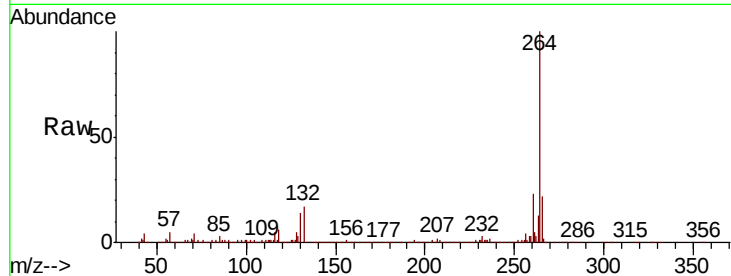


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion: 264 Resp: 596673

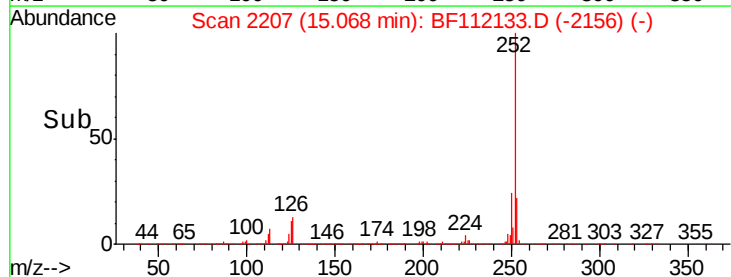
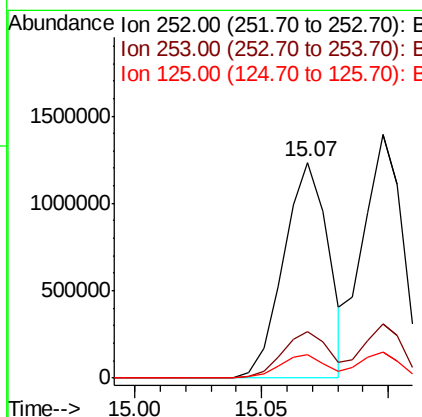
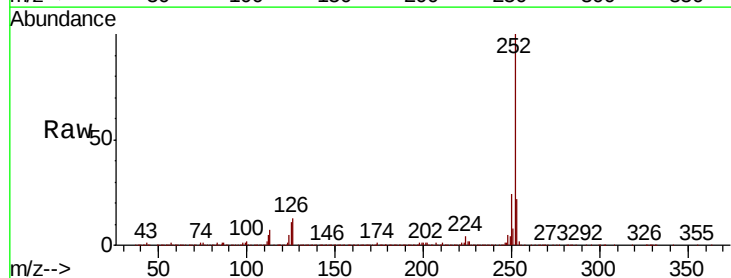
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.5	17.0	25.4

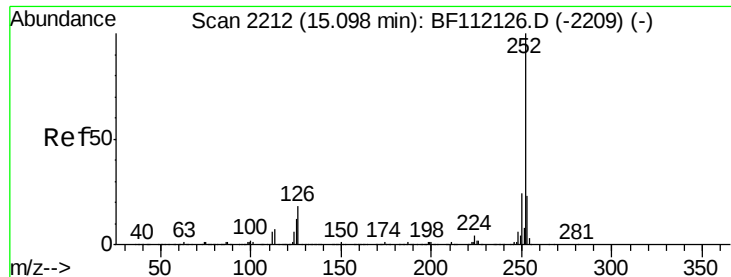


#88
Benzo(b)fluoranthene
Concen: 45.035 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion: 252 Resp: 1525304

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.7	8.7	13.1

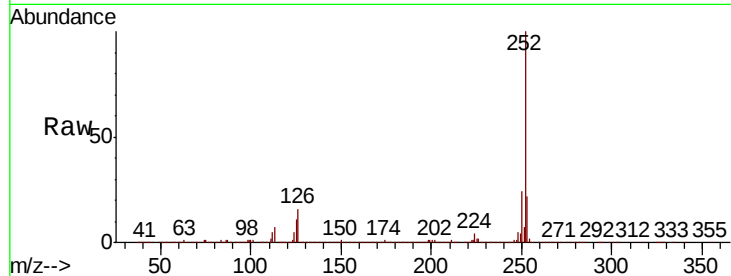




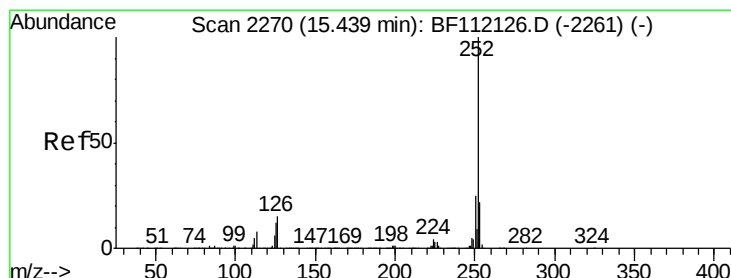
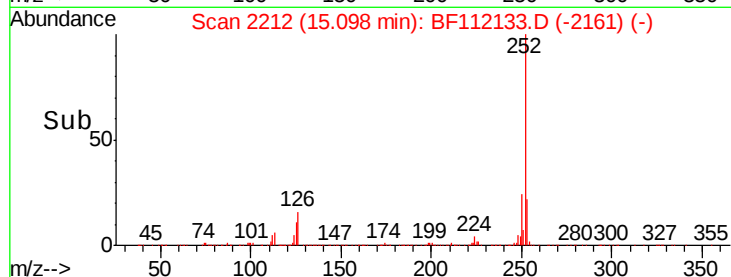
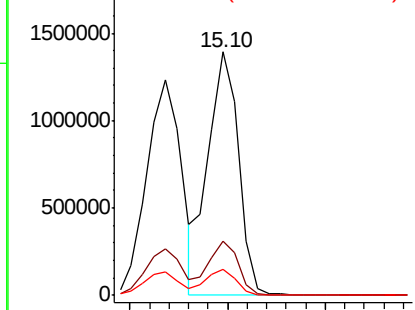
#89
Benzo(k)fluoranthene
Concen: 45.954 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Tgt Ion:252 Resp: 1506447
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.9 9.1 13.7

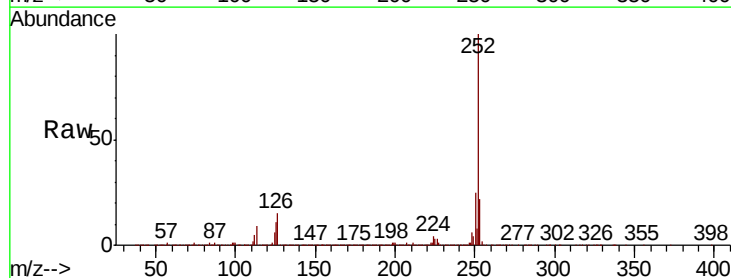


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

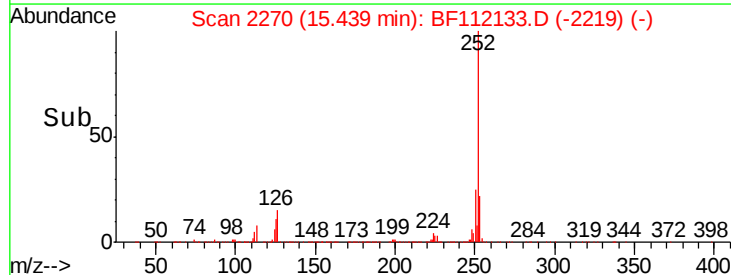
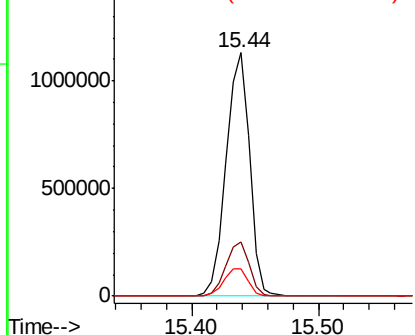


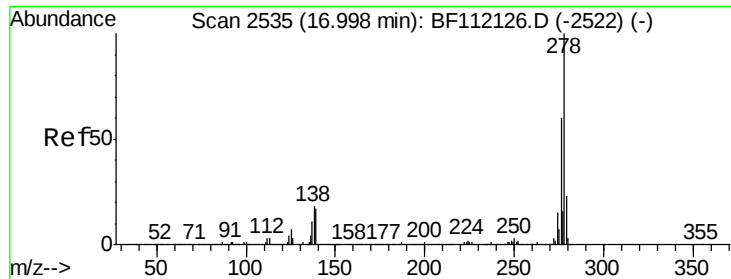
#90
Benzo(a)pyrene
Concen: 46.440 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112133.D
Acq: 18 Jan 2019 19:14

Tgt Ion:252 Resp: 1442460
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.4 9.0 13.4



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





#91

Dibenzo(a,h)anthracene

Concen: 42.894 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

Instrument :

BNA_F

ClientSampleId :

OR-03-011719-AMS

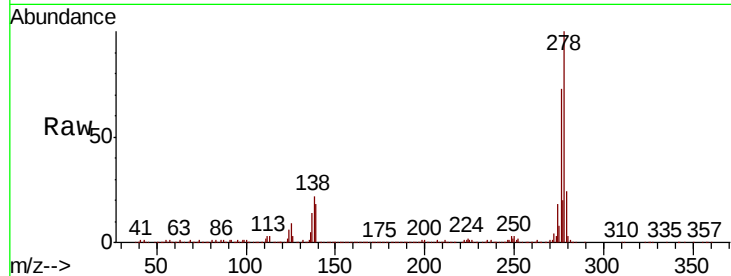
Tgt Ion:278 Resp: 1183325

Ion Ratio Lower Upper

278 100

139 17.8 13.7 20.5

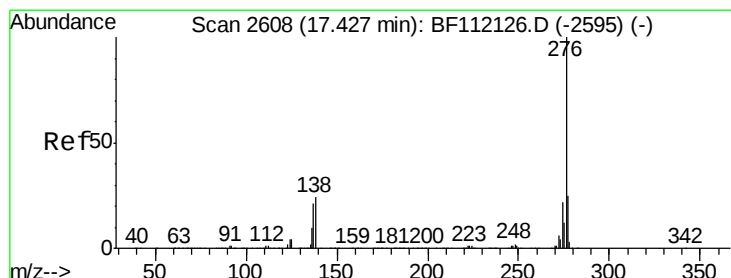
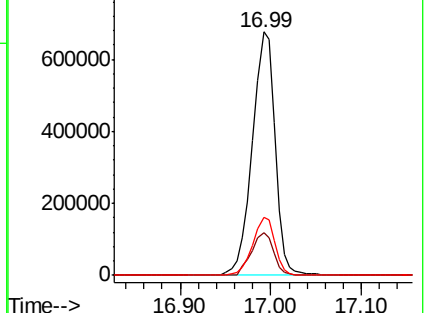
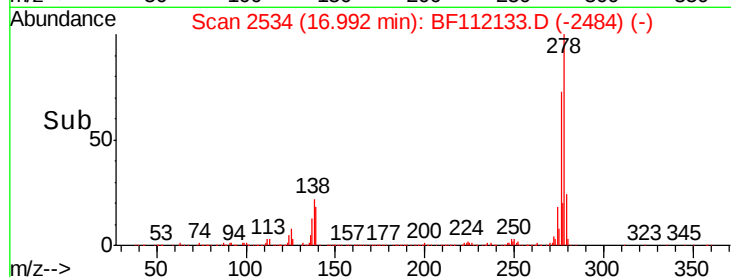
279 23.7 19.0 28.6



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: 39.943 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BF112133.D

Acq: 18 Jan 2019 19:14

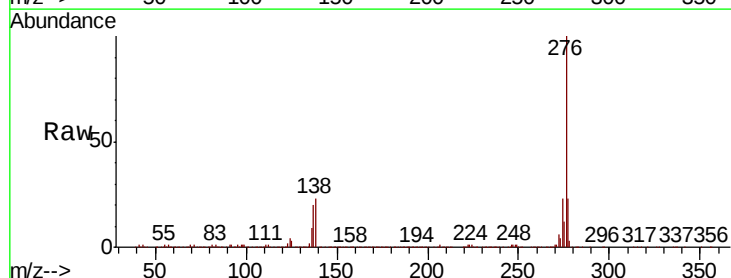
Tgt Ion:276 Resp: 1085578

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 22.8 19.1 28.7



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

