

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112568.D
 Acq On : 14 Feb 2019 15:25
 Operator : JU/SJ
 Sample : K1350-05MS 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

Quant Time: Feb 15 04:22:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	97100	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	372595	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	168139	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	316815	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	268817	20.00	ng	0.00
87) Perylene-d12	15.49	264	206053	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	128577	28.13	ng	-0.01
7) Phenol-d6	6.48	99	158436	24.94	ng	-0.01
23) Nitrobenzene-d5	7.39	82	98309	15.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	42888	21.91	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	197845	16.64	ng	-0.02
79) Terphenyl-d14	12.94	244	205597	14.40	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	11890	6.529	ng	# 91
3) Pyridine	3.37	79	24560	5.302	ng	# 94
4) n-Nitrosodimethylamine	3.28	42	10532	5.412	ng	# 73
6) Aniline	6.50	93	21708	2.873	ng	# 31
8) 2-Chlorophenol	6.63	128	38565	6.271	ng	# 96
9) Benzaldehyde	6.39	77	12383	3.730	ng	# 90
10) Phenol	6.50	94	47501	6.816	ng	# 99
11) bis(2-Chloroethyl)ether	6.56	93	35604	6.489	ng	# 95
12) 1,3-Dichlorobenzene	6.77	146	43172	6.028	ng	# 99
13) 1,4-Dichlorobenzene	6.85	146	44005	5.970	ng	# 96
14) 1,2-Dichlorobenzene	7.00	146	42540	6.164	ng	# 94
15) Benzyl Alcohol	6.98	79	31830	5.944	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	41198	5.848	ng	# 26
17) 2-Methylphenol	7.10	107	29607	6.073	ng	# 87
18) Hexachloroethane	7.34	117	13652	5.274	ng	# 89
19) n-Nitroso-di-n-propylamine	7.23	70	25215	5.757	ng	# 98
20) 3+4-Methylphenols	7.26	107	41029	6.581	ng	# 62
22) Acetophenone	7.24	105	54981	6.060	ng	# 91
24) Nitrobenzene	7.41	77	37229	5.765	ng	# 98
25) Isophorone	7.65	82	68561	6.758	ng	# 95
26) 2-Nitrophenol	7.73	139	16189	4.691	ng	# 83
27) 2,4-Dimethylphenol	7.78	122	34158	7.183	ng	# 96
28) bis(2-Chloroethoxy)methane	7.86	93	43936	6.361	ng	# 99
29) 2,4-Dichlorophenol	8.00	162	31560	5.931	ng	# 97
30) 1,2,4-Trichlorobenzene	8.06	180	36453	5.960	ng	# 99
31) Naphthalene	8.13	128	116331	6.676	ng	# 98
33) 4-Chloroaniline	8.20	127	25347	3.341	ng	# 97
34) Hexachlorobutadiene	8.25	225	21193	5.904	ng	# 94
35) Caprolactam	8.53	113	9249	4.927	ng	# 98
36) 4-Chloro-3-methylphenol	8.69	107	33059	5.869	ng	# 98
37) 2-Methylnaphthalene	8.83	142	79957	6.703	ng	# 97
38) 1-Methylnaphthalene	8.83	142	79957	6.994	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	33913	6.143	ng	# 99
43) 2,4,6-Trichlorophenol	9.12	196	20724	6.090	ng	# 97

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 Misc :
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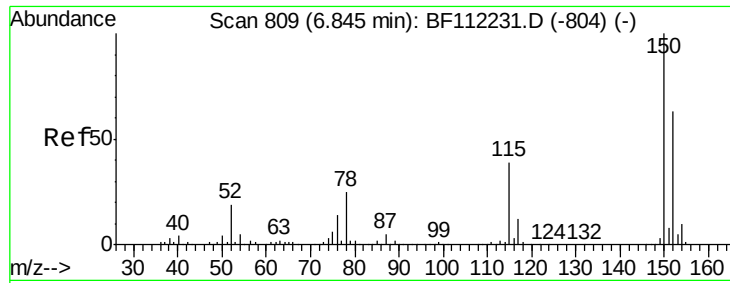
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Feb 15 04:22:05 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,4,5-Trichlorophenol	9.18	196	22665	6.373	ng	# 94
46) 1,1'-Biphenyl	9.29	154	93380	6.353	ng	98
47) 2-Chloronaphthalene	9.32	162	70424	6.178	ng	97
48) 2-Nitroaniline	9.42	65	19754	6.358	ng	96
49) Acenaphthylene	9.73	152	112774	6.750	ng	98
50) Dimethylphthalate	9.58	163	102133	7.818	ng	98
51) 2,6-Dinitrotoluene	9.65	165	15520	5.305	ng	# 66
52) Acenaphthene	9.90	154	63758	6.388	ng	98
53) 3-Nitroaniline	9.83	138	17480	5.515	ng	87
55) Dibenzofuran	10.07	168	97135	6.369	ng	92
56) 4-Nitrophenol	10.07	139	56863	33.932	ng	# 20
57) 2,4-Dinitrotoluene	10.07	165	20150	5.410	ng	# 57
58) Fluorene	10.42	166	78034	6.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	16699	6.213	ng	# 90
60) Diethylphthalate	10.27	149	88364	6.816	ng	95
61) 4-Chlorophenyl-phenylether	10.40	204	37267	6.003	ng	94
62) 4-Nitroaniline	10.45	138	18136	5.833	ng	96
63) Azobenzene	10.56	77	67022	5.878	ng	98
66) n-Nitrosodiphenylamine	10.52	169	66530	6.231	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	22228	5.965	ng	90
68) Hexachlorobenzene	10.97	284	23433	5.862	ng	96
69) Atrazine	11.05	200	22228	6.452	ng	98
70) Pentachlorophenol	11.19	266	11303	7.266	ng	97
71) Phenanthrene	11.38	178	112608	6.837	ng	96
72) Anthracene	11.43	178	117358	7.153	ng	97
73) Carbazole	11.60	167	103356	6.386	ng	99
74) Di-n-butylphthalate	11.90	149	138815	6.910	ng	98
75) Fluoranthene	12.57	202	120177	6.803	ng	97
77) Benzidine	12.70	184	57437	7.763	ng	# 94
78) Pyrene	12.81	202	121402	6.523	ng	97
80) Butylbenzylphthalate	13.40	149	58149	6.458	ng	92
81) Benzo(a)anthracene	14.00	228	102859	6.509	ng	97
82) 3,3'-Dichlorobenzidine	13.95	252	29221	4.941	ng	97
83) Chrysene	14.03	228	96805	6.418	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	96367	7.539	ng	95
85) Di-n-octyl phthalate	14.57	149	137671	7.001	ng	# 94
86) Indeno(1,2,3-cd)pyrene	16.98	276	70234	5.876	ng	97
88) Benzo(b)fluoranthene	15.05	252	85390	6.929	ng	# 94
89) Benzo(k)fluoranthene	15.08	252	74383	6.302	ng	98
90) Benzo(a)pyrene	15.43	252	73185	6.600	ng	# 95
91) Dibenzo(a,h)anthracene	16.98	278	62057	6.944	ng	94
92) Benzo(g,h,i)perylene	17.44	276	57045	6.766	ng	95

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

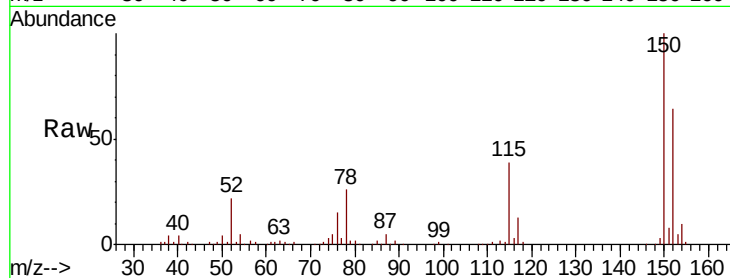


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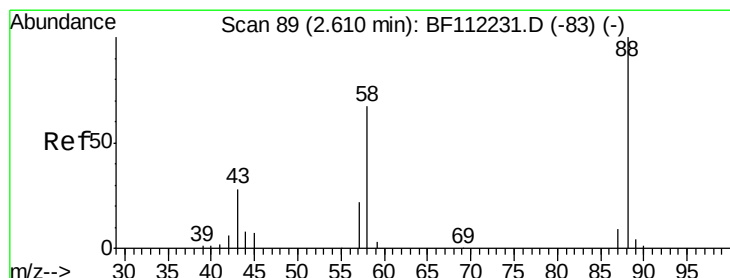
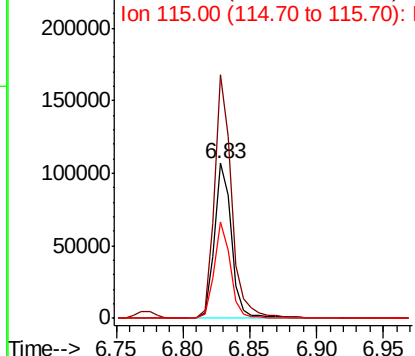
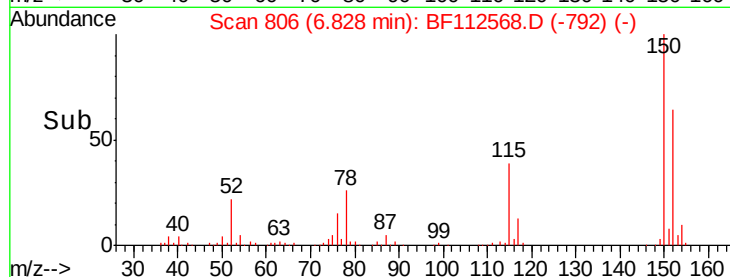
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion:152 Resp: 97100
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 61.9 45.5 68.3



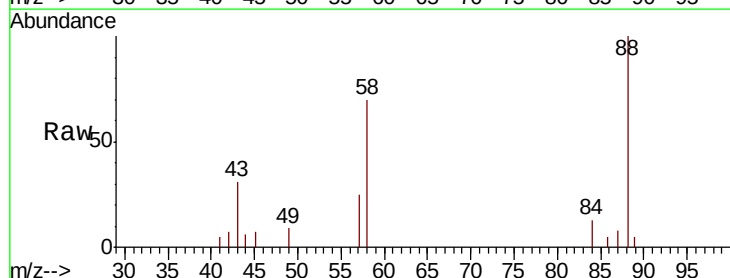
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



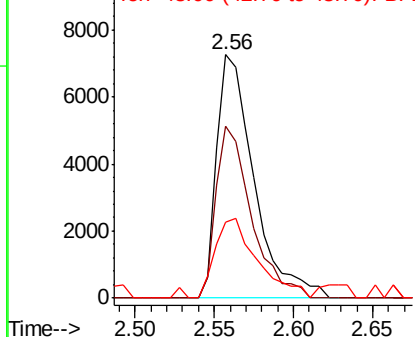
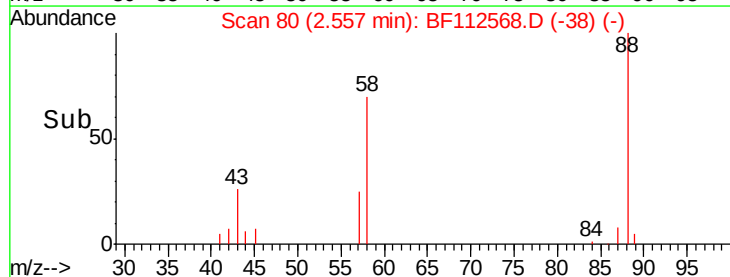
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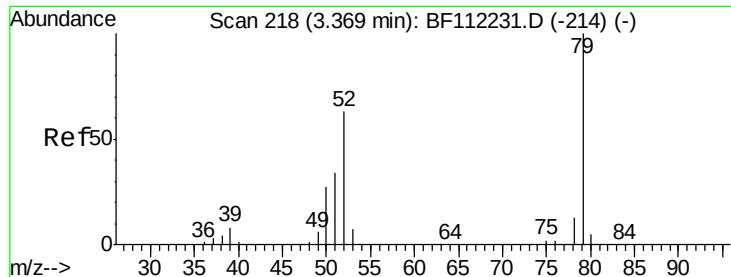
1,4-Dioxane
Concen: 6.529 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.05 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion: 88 Resp: 11890
Ion Ratio Lower Upper
88 100
58 67.0 57.4 86.2
43 37.3 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

Pvridine

Concen: 5.302 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

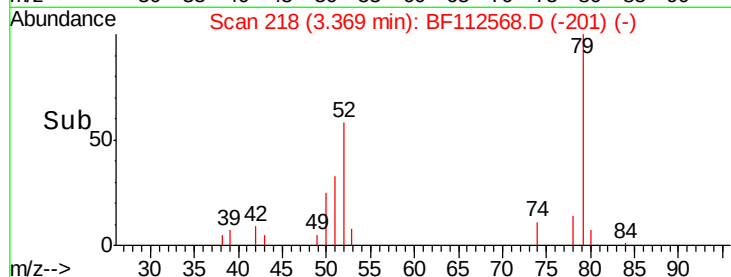
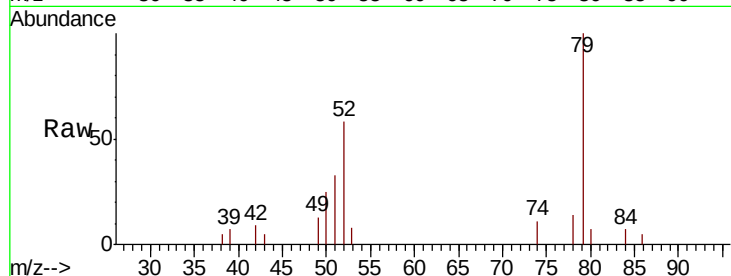
Tot Ion: 79 Resp: 24560

Ion Ratio Lower Upper

79 100

52 58.4 52.4 78.6

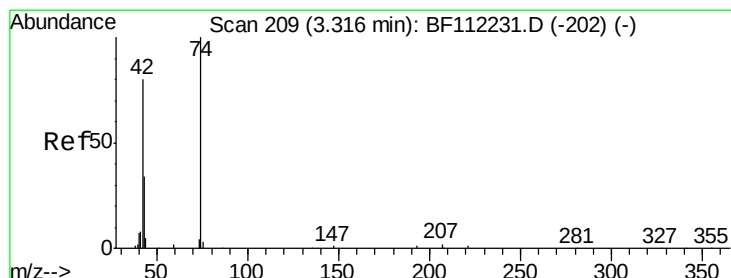
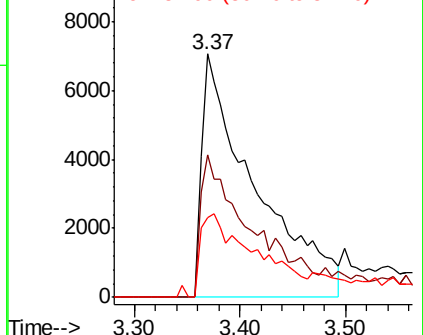
51 32.7 26.1 39.1



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: 5.412 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.04 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

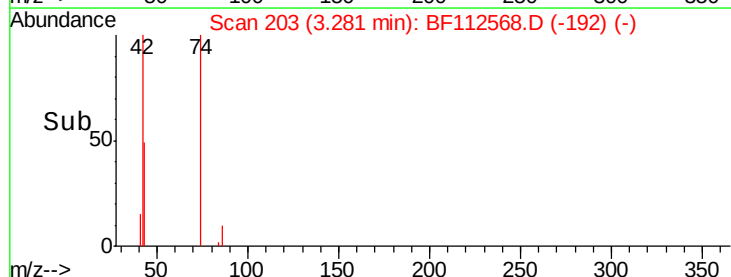
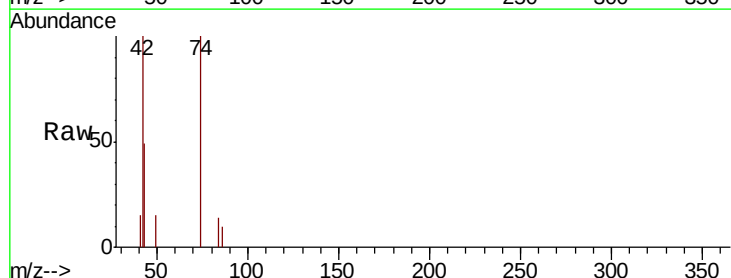
Tgt Ion: 42 Resp: 10532

Ion Ratio Lower Upper

42 100

74 100.3 105.6 158.4#

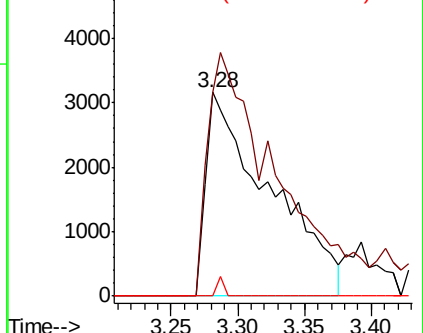
44 0.0 5.4 8.2#

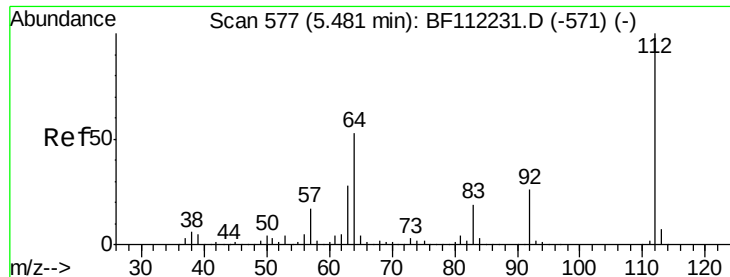


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 28.126 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

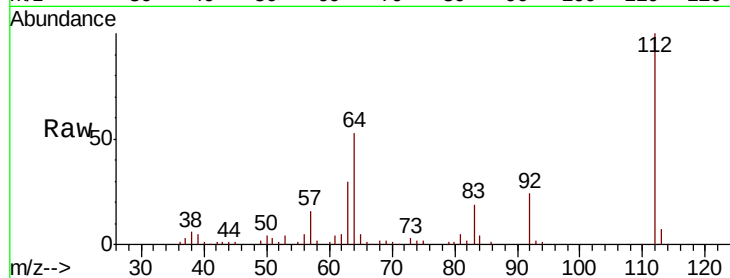
Tot Ion: 112 Resp: 128577

Ion Ratio Lower Upper

112 100

64 53.2 45.7 68.5

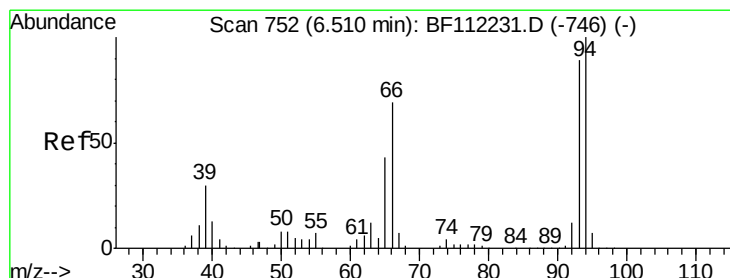
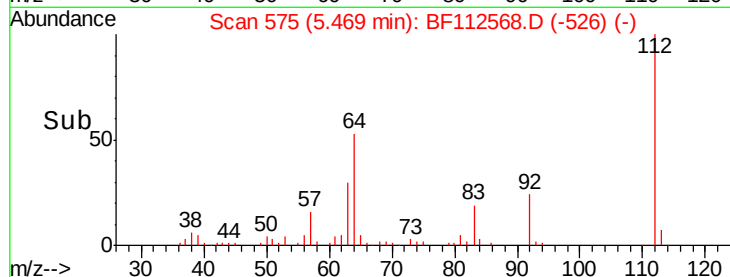
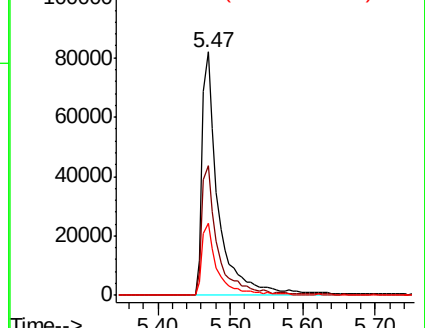
63 29.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.873 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

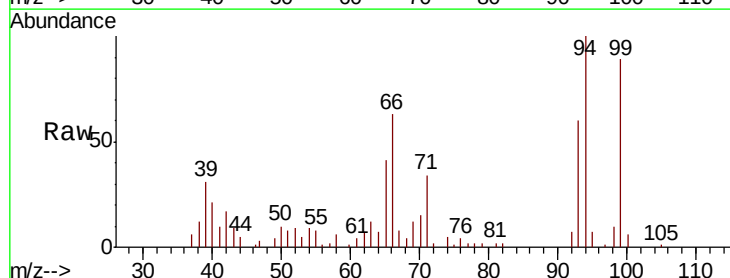
Tgt Ion: 93 Resp: 21708

Ion Ratio Lower Upper

93 100

66 105.0 43.4 65.2#

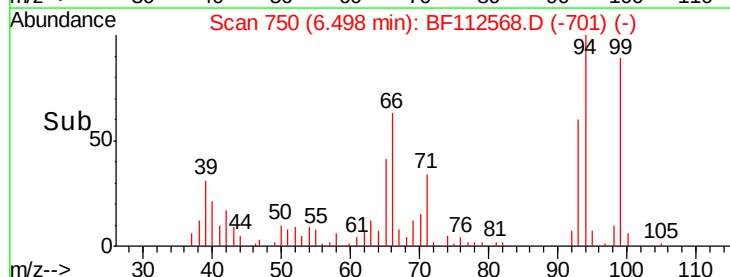
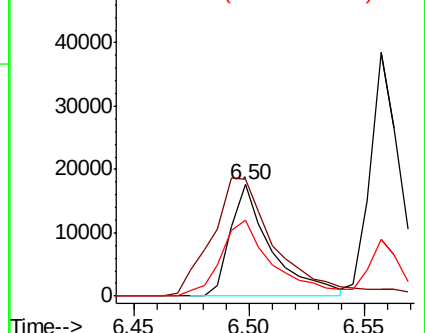
65 68.5 25.3 37.9#

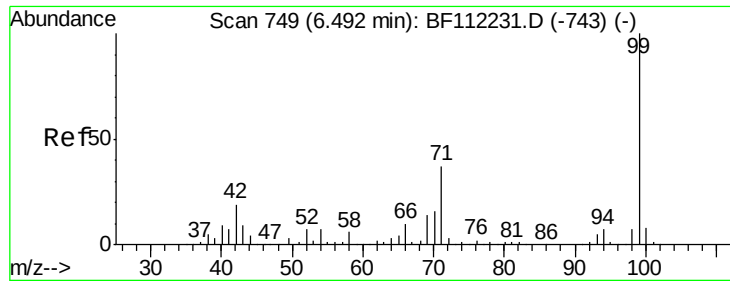


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 24.942 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

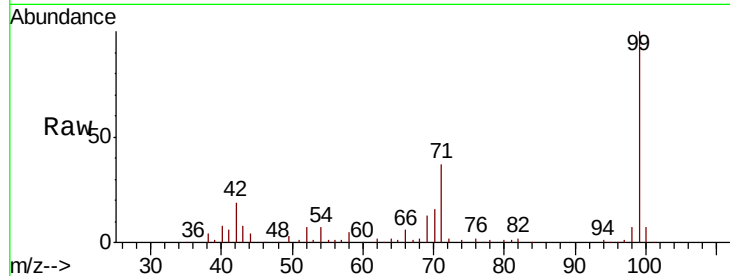
Tot Ion: 99 Resp: 158436

Ion Ratio Lower Upper

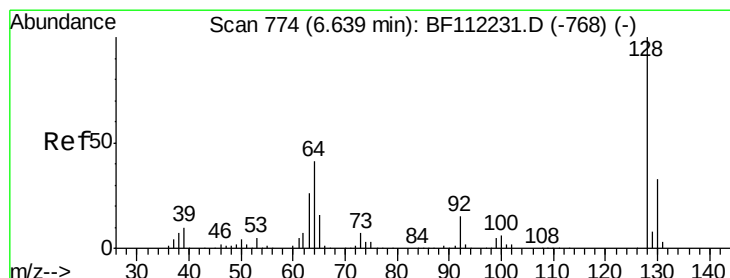
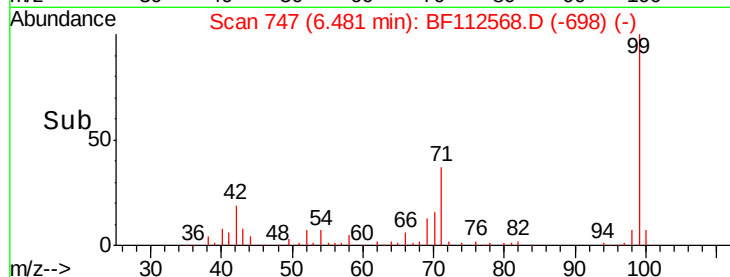
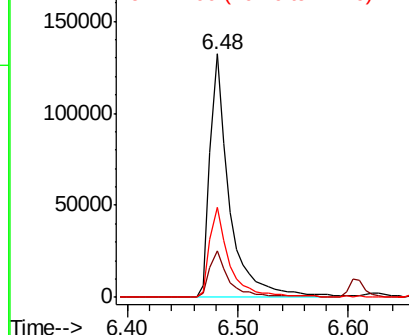
99 100

42 18.9 15.1 22.7

71 36.9 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: 6.271 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

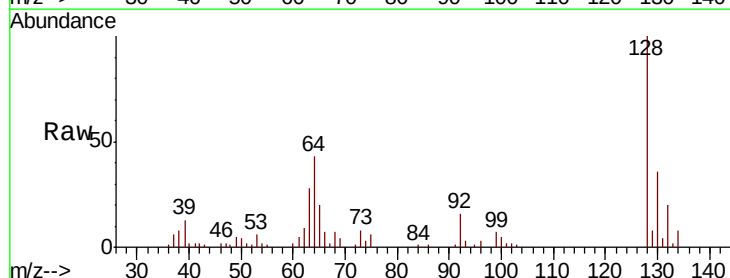
Tgt Ion: 128 Resp: 38565

Ion Ratio Lower Upper

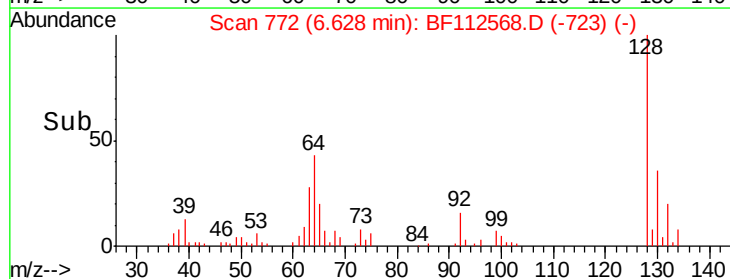
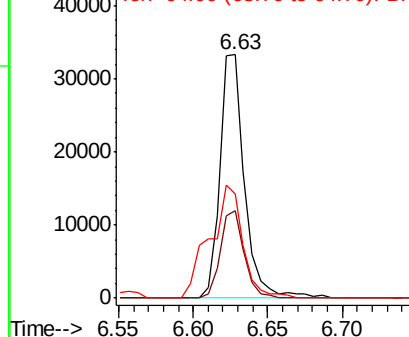
128 100

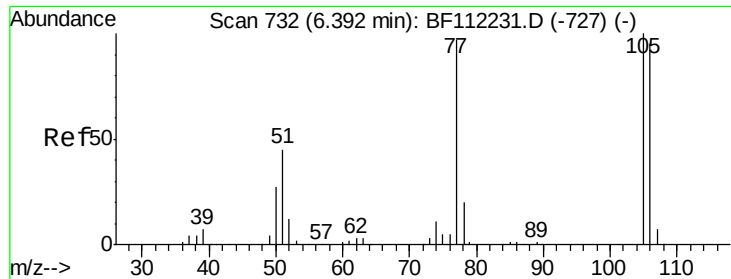
130 35.8 13.4 53.4

64 42.9 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

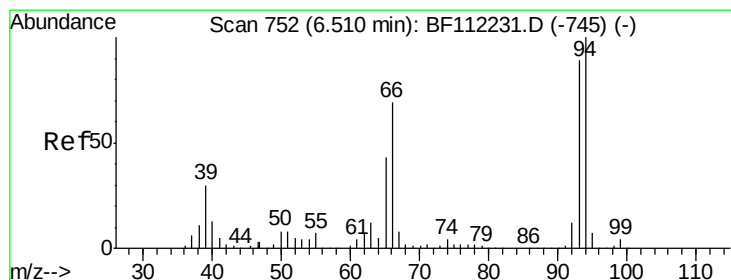
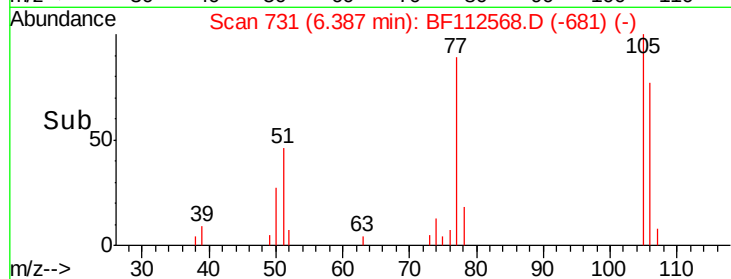
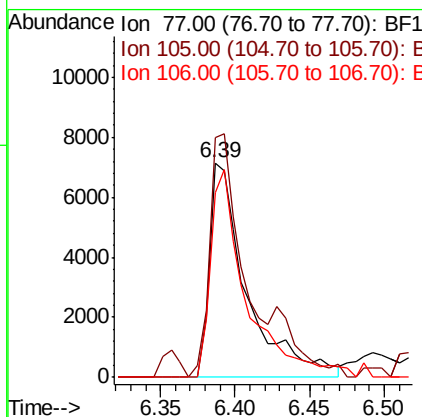
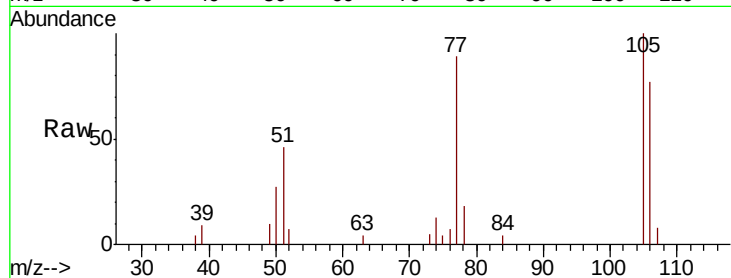




#9
Benzaldehyde
Concen: 3.730 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

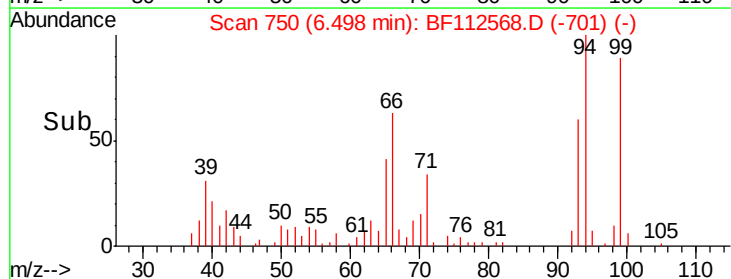
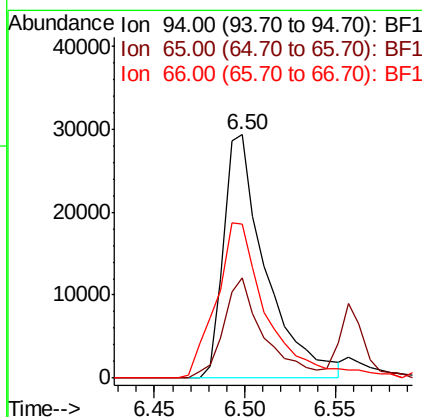
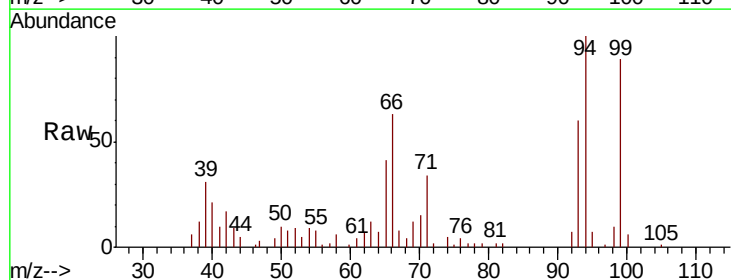
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

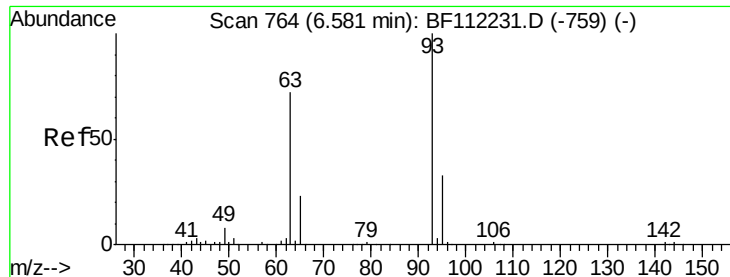
Tot Ion: 77 Resp: 12383
Ion Ratio Lower Upper
77 100
105 112.0 80.8 120.8
106 86.2 75.7 115.7



#10
Phenol
Concen: 6.816 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion: 94 Resp: 47501
Ion Ratio Lower Upper
94 100
65 41.2 20.3 60.3
66 63.2 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 6.489 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

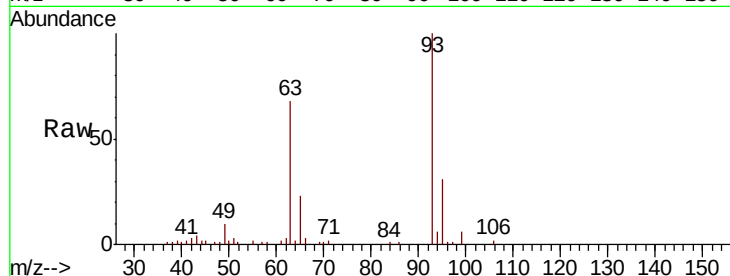
Tot Ion: 93 Resp: 35604

Ion Ratio Lower Upper

93 100

63 68.3 53.3 93.3

95 31.5 13.4 53.4

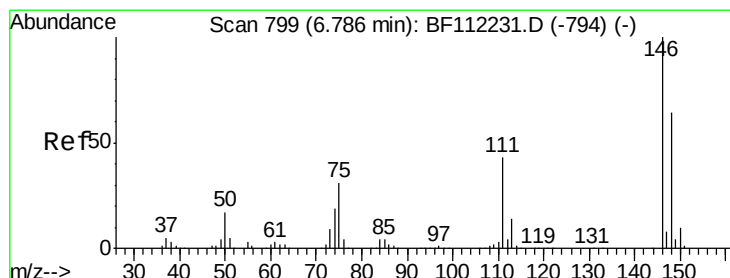
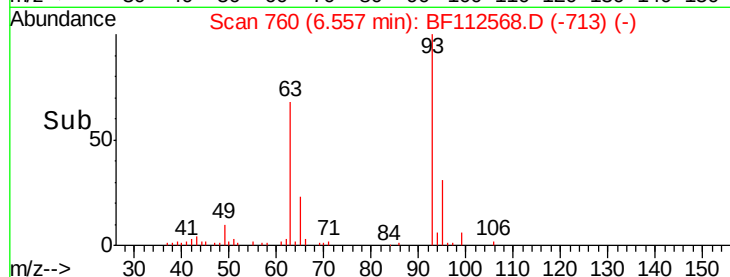
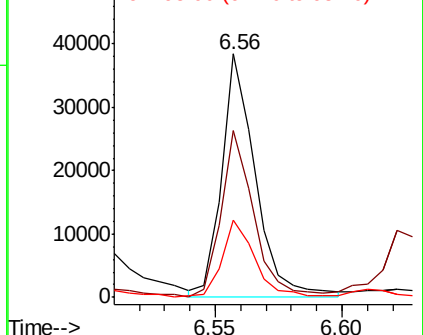


Abundance

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: 6.028 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

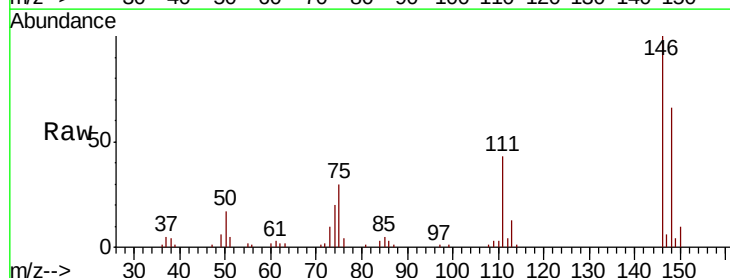
Tgt Ion: 146 Resp: 43172

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.8

75 30.0 23.1 34.7

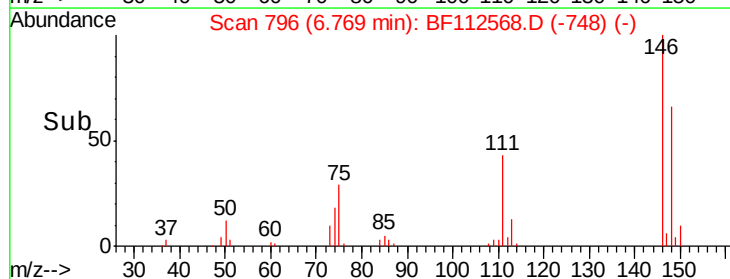
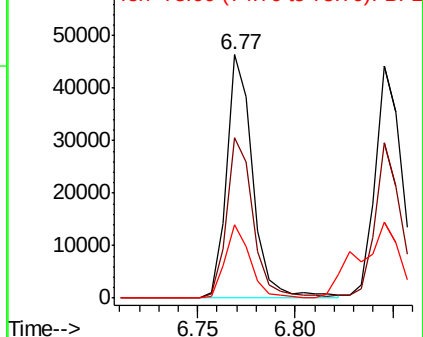


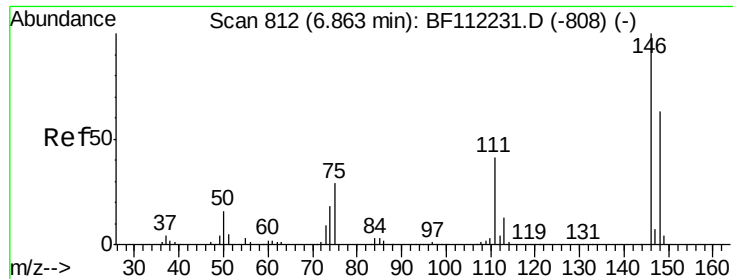
Abundance

Ion 146.00 (145.70 to 146.70): BF1

Ion 148.00 (147.70 to 148.70): BF1

Ion 75.00 (74.70 to 75.70): BF1

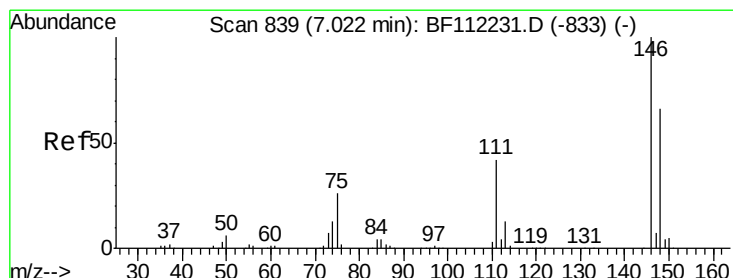
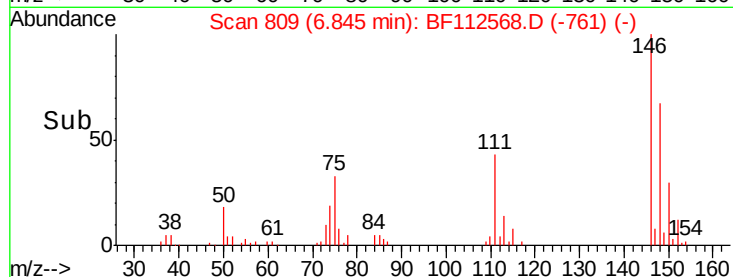
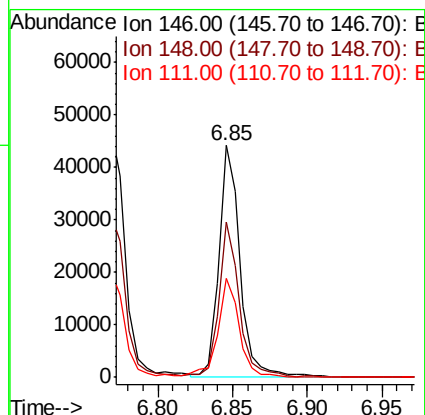
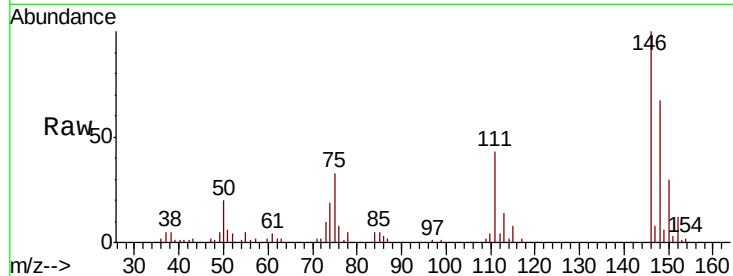




#13
 1,4-Dichlorobenzene
 Concen: 5.970 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

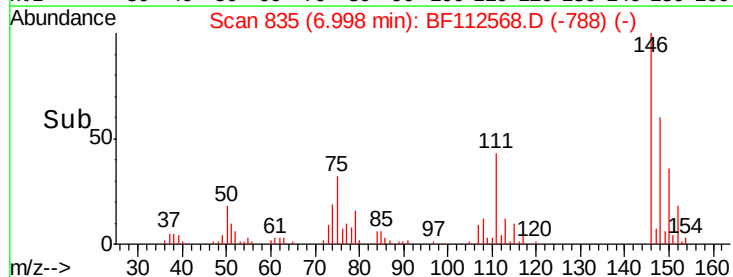
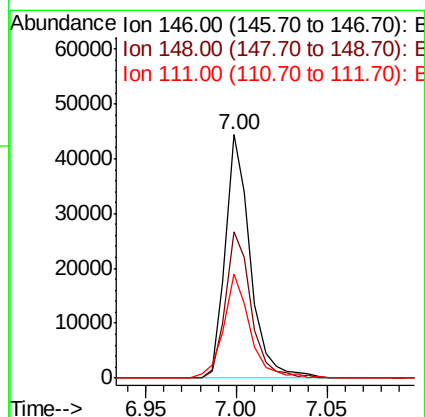
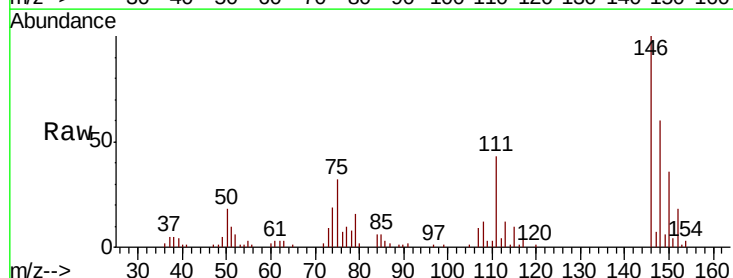
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

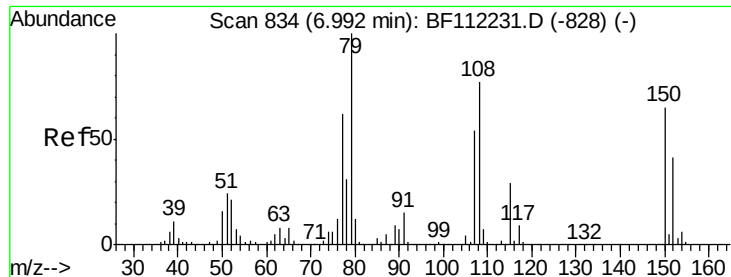
Tot Ion:146 Resp: 44005
 Ion Ratio Lower Upper
 146 100
 148 67.2 52.0 78.0
 111 42.9 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 6.164 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion:146 Resp: 42540
 Ion Ratio Lower Upper
 146 100
 148 60.3 52.2 78.4
 111 42.7 31.2 46.8

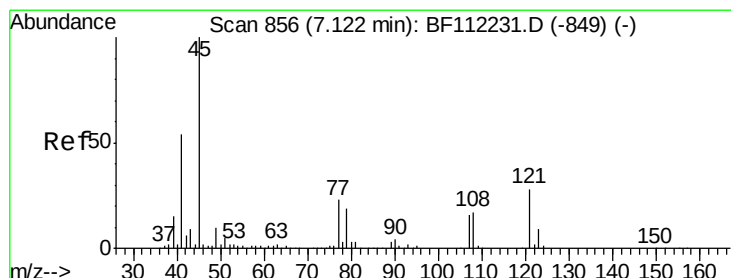
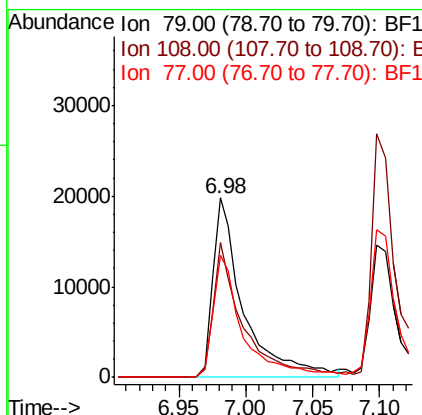
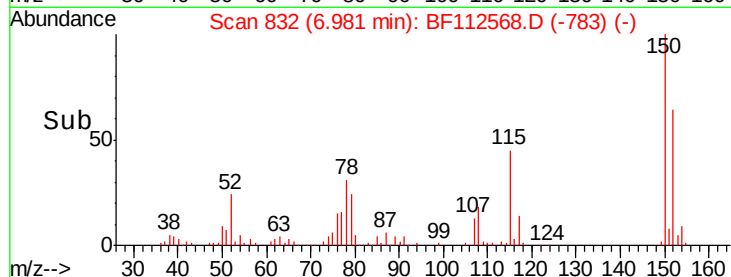
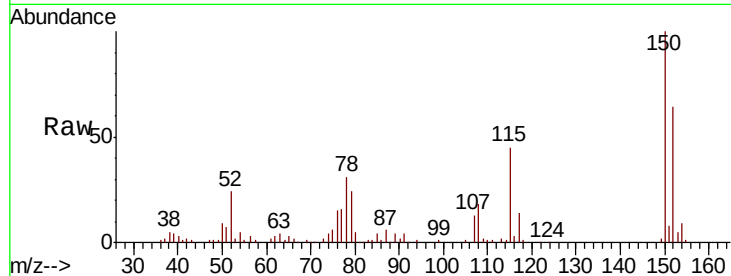




#15
Benzyl Alcohol
Concen: 5.944 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

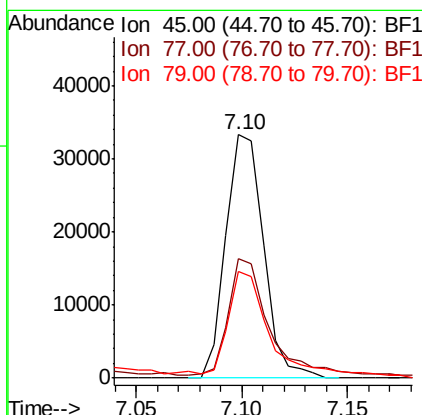
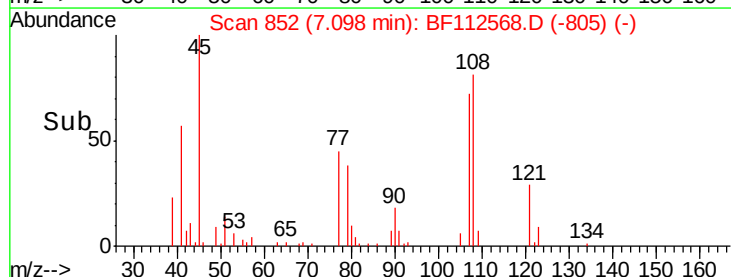
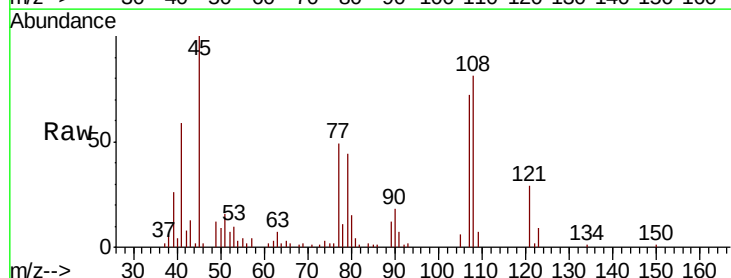
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

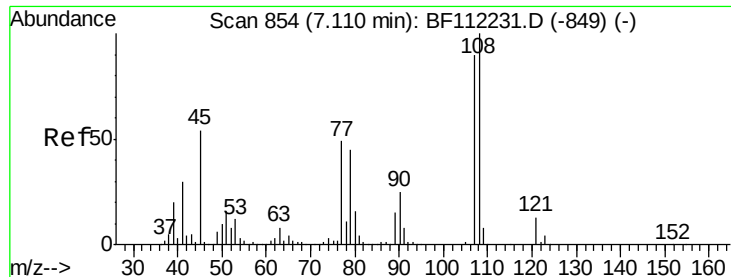
Tot Ion: 79 Resp: 31830
Ion Ratio Lower Upper
79 100
108 75.2 64.2 96.2
77 67.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.848 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion: 45 Resp: 41198
Ion Ratio Lower Upper
45 100
77 49.0 0.0 36.9#
79 43.8 0.0 34.0#





#17

2-Methylphenol

Concen: 6.073 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

Tot Ion:107 Resp: 29607

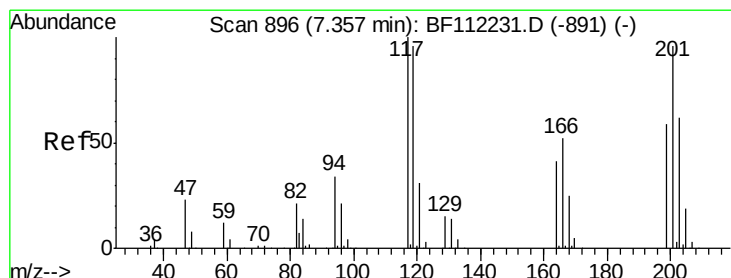
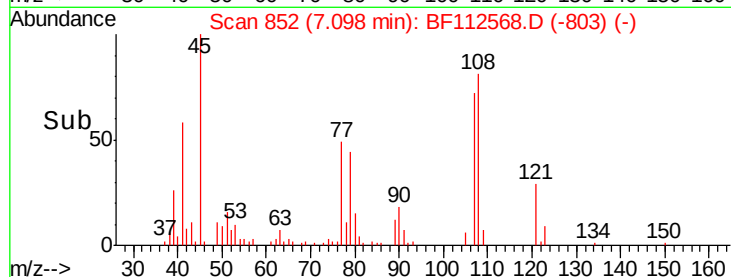
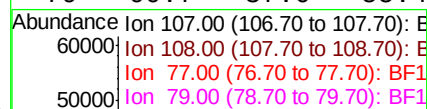
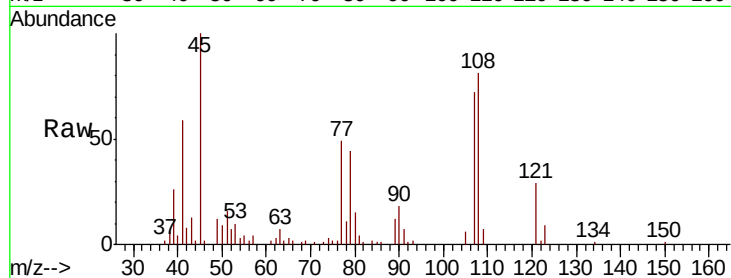
Ion Ratio Lower Upper

107 100

108 111.7 91.3 136.9

77 67.8 39.0 58.6#

79 60.7 37.0 55.4#



#18

Hexachloroethane

Concen: 5.274 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

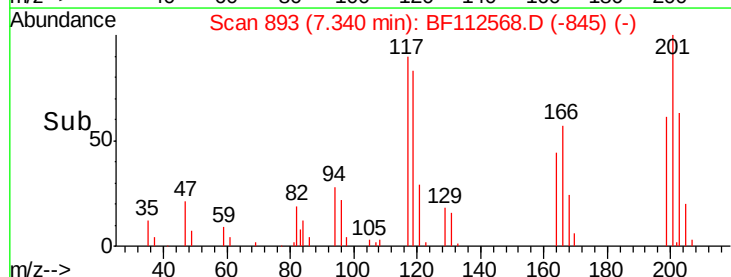
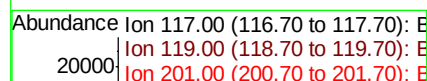
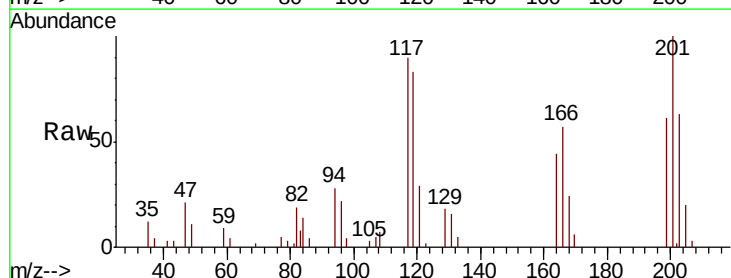
Tgt Ion:117 Resp: 13652

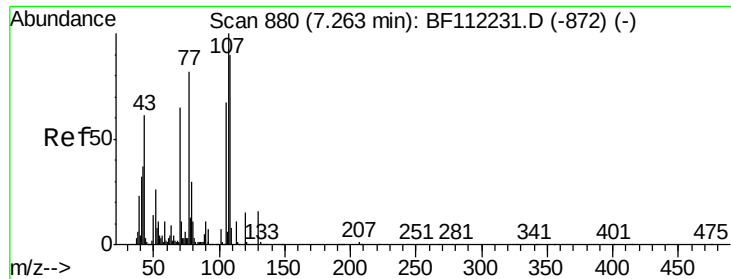
Ion Ratio Lower Upper

117 100

119 91.8 77.0 115.4

201 110.5 74.1 111.1

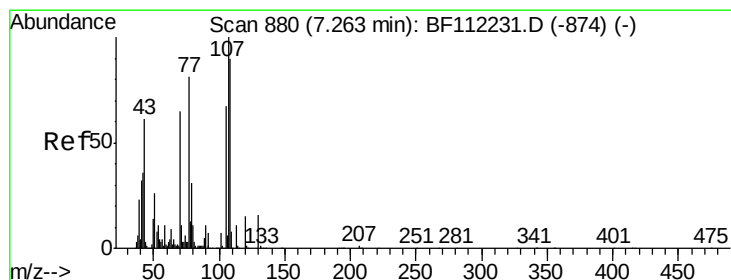
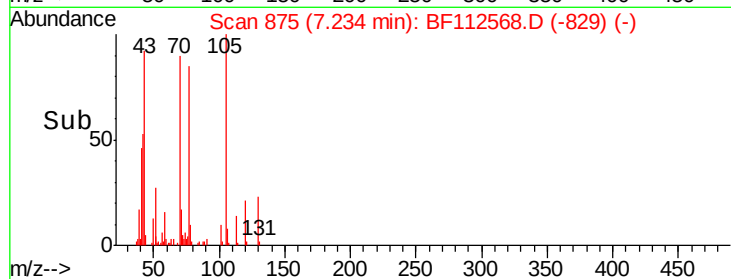
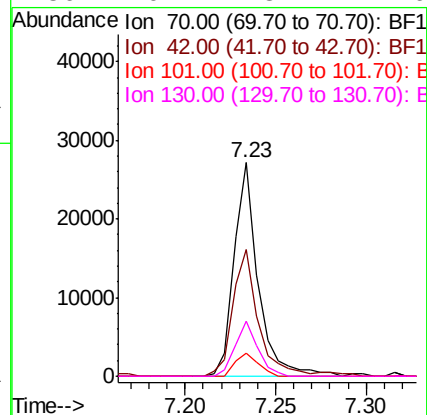
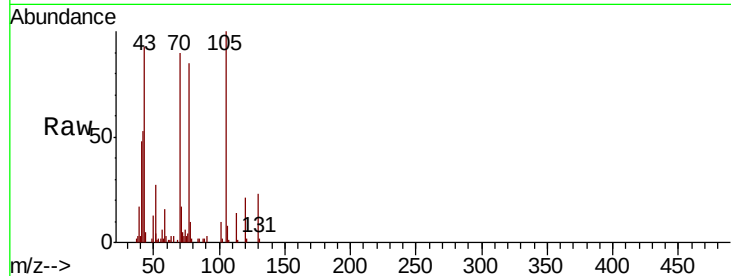




#19
n-Nitroso-di-n-propylamine
Concen: 5.757 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

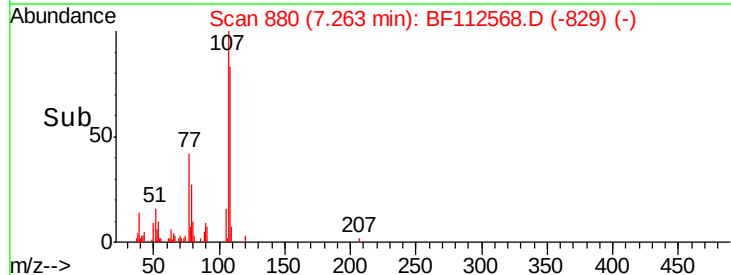
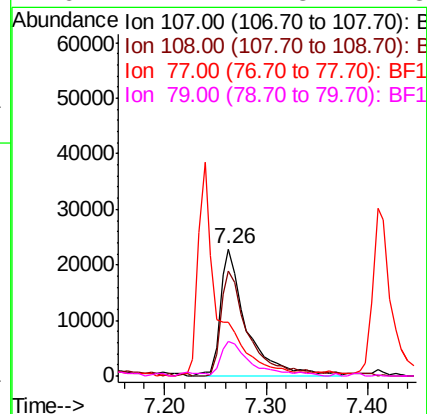
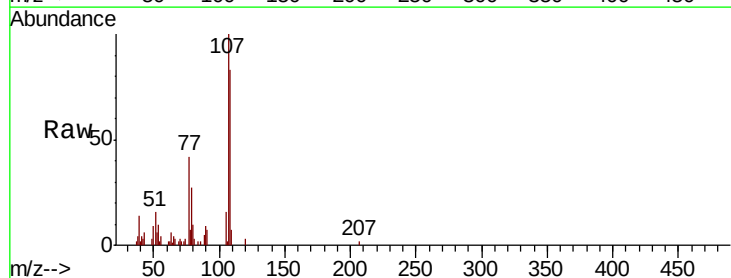
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

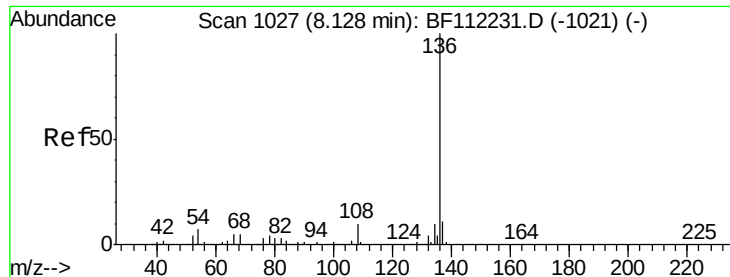
Tot Ion:	70	Resp:	25215
Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.6	71.4
101	11.0	7.9	11.9
130	26.1	18.4	27.6



#20
3+4-Methylphenols
Concen: 6.581 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:	107	Resp:	41029
Ion	Ratio	Lower	Upper
107	100		
108	82.5	68.2	108.2
77	41.9	100.7	140.7#
79	27.2	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

Tot Ion:136 Resp: 372595

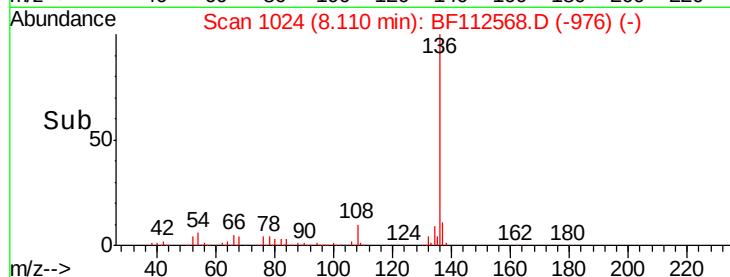
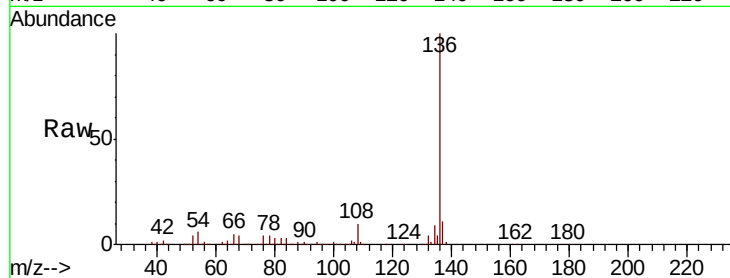
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.4 5.9 8.9

68 4.4 5.1 7.7#



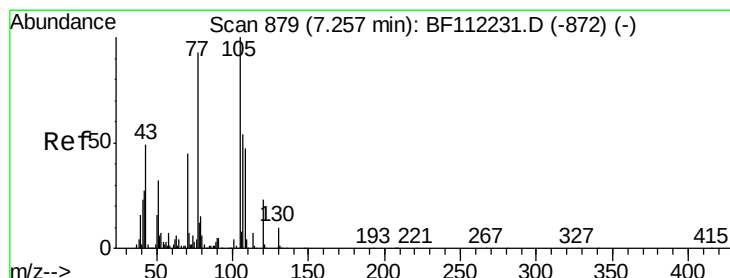
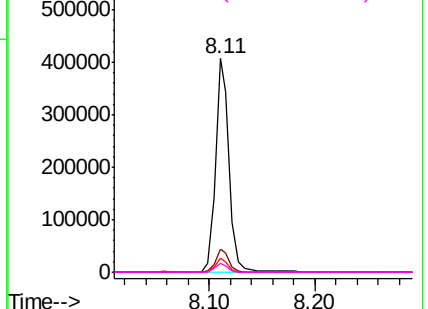
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 6.060 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Tgt Ion:105 Resp: 54981

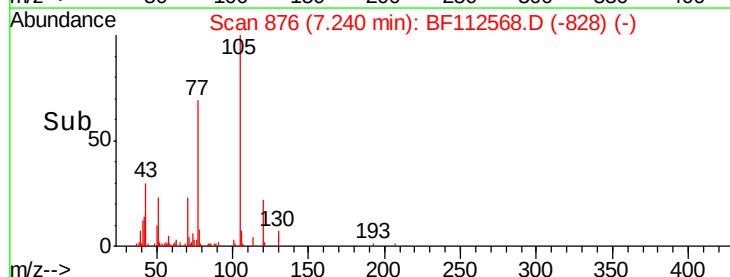
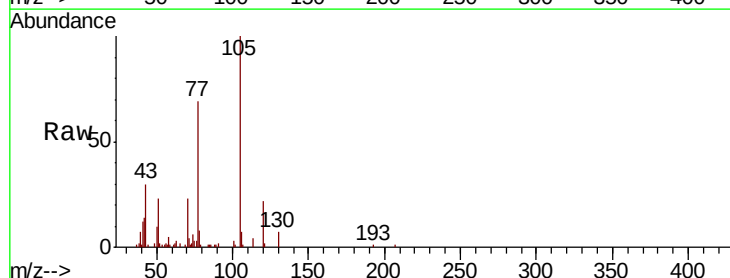
Ion Ratio Lower Upper

105 100

71 3.9 4.6 6.8#

51 23.4 25.0 37.6#

120 22.1 19.0 28.4



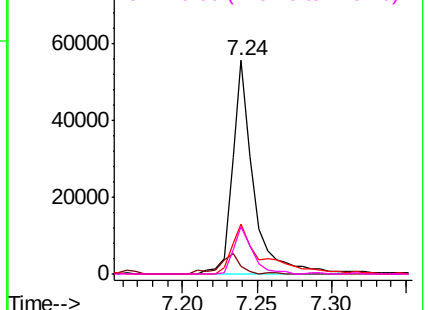
Abundance

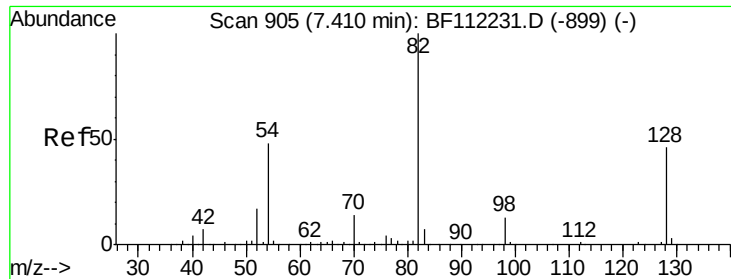
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

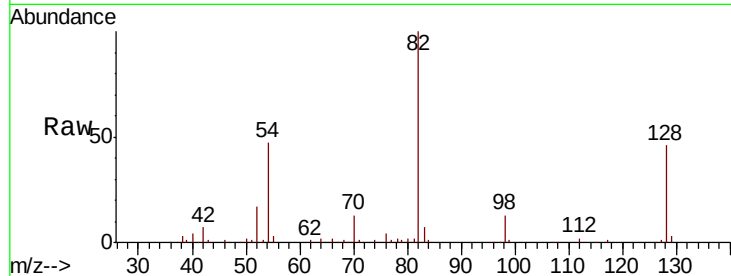




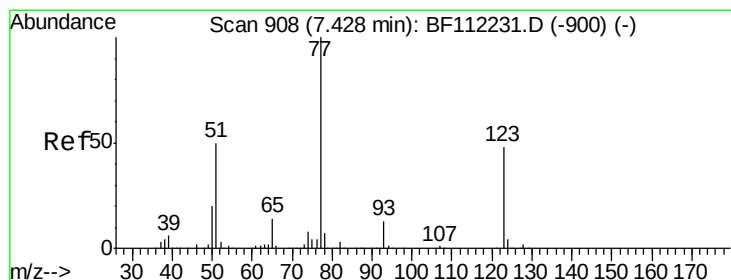
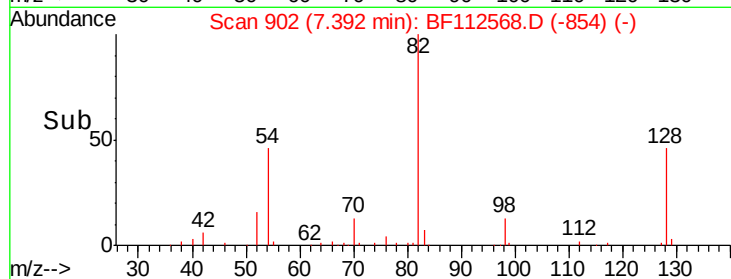
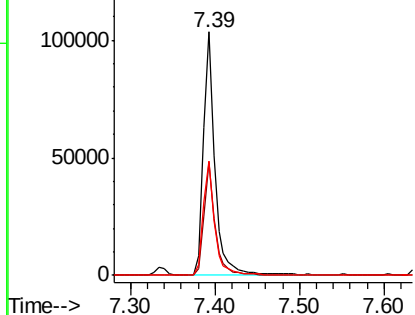
#23
 Nitrobenzene-d5
 Concen: 15.203 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

Tot Ion	82	Resp	98309
Ion Ratio	Lower	Upper	
82	100		
128	46.3	37.8	56.8
54	46.7	39.7	59.5

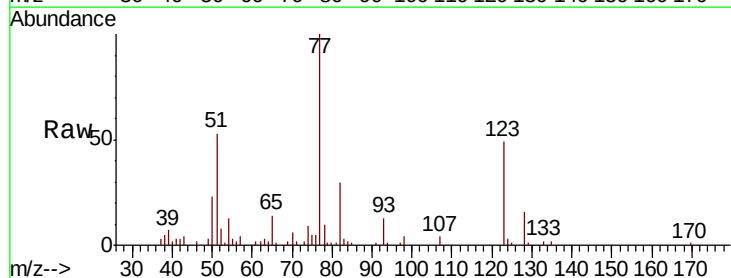


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

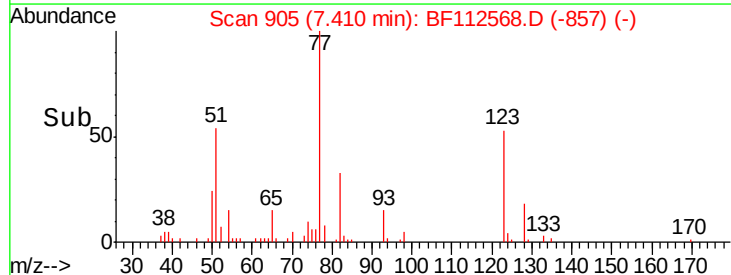
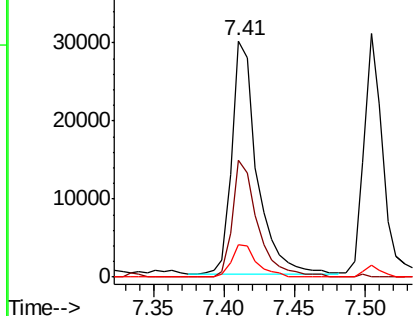


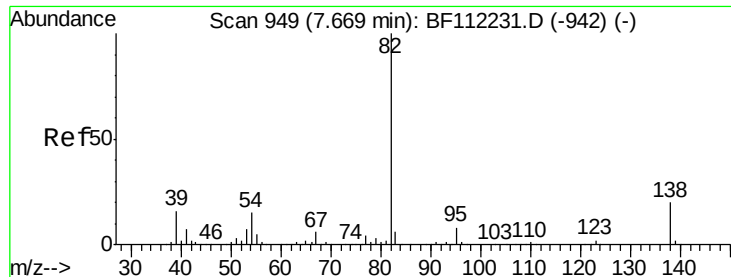
#24
 Nitrobenzene
 Concen: 5.765 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion	77	Resp	37229
Ion Ratio	Lower	Upper	
77	100		
123	49.2	38.4	57.6
65	14.0	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: 6.758 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

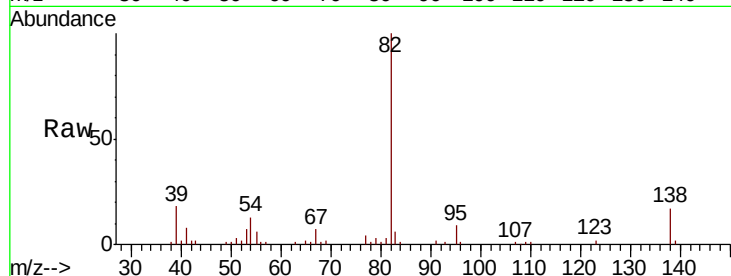
Tot Ion: 82 Resp: 68561

Ion Ratio Lower Upper

82 100

95 8.9 5.7 8.5#

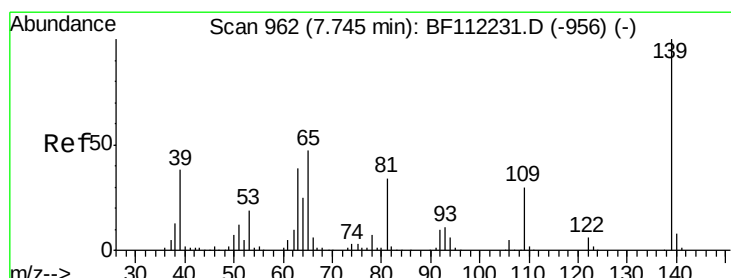
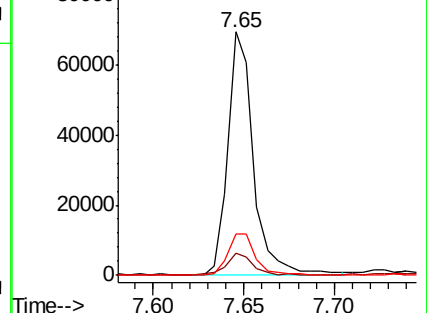
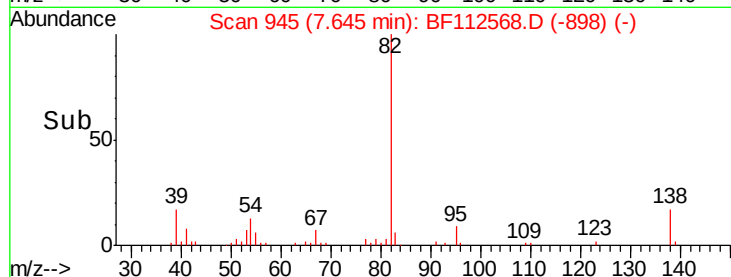
138 17.0 15.4 23.0



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: 4.691 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

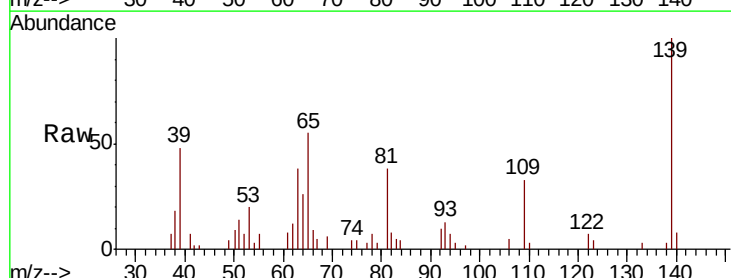
Tgt Ion: 139 Resp: 16189

Ion Ratio Lower Upper

139 100

109 33.4 20.8 31.2#

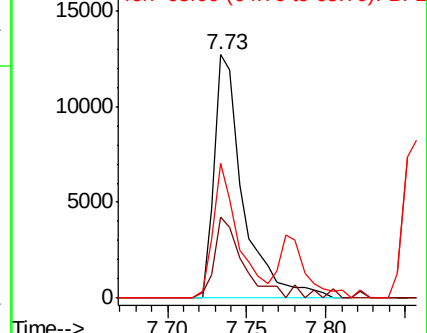
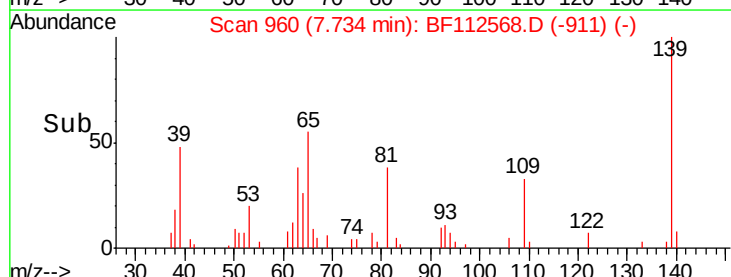
65 55.3 34.4 51.6#

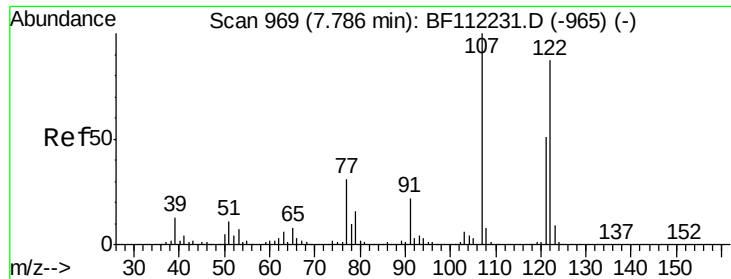


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

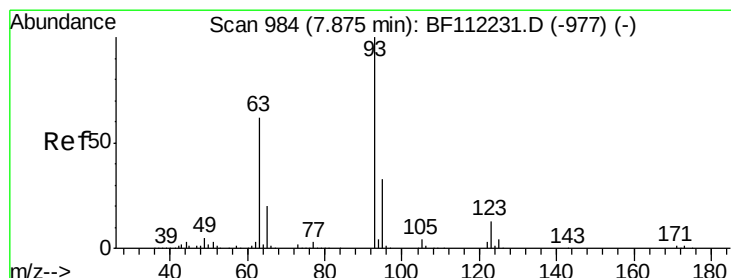
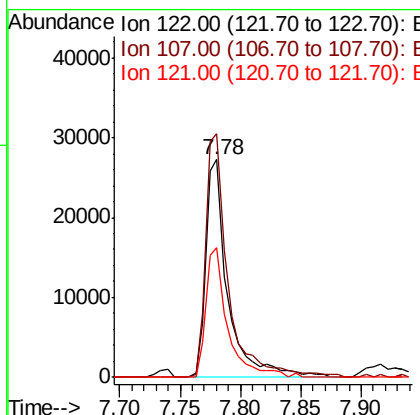
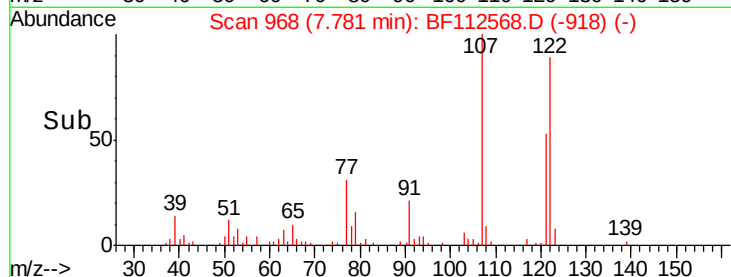
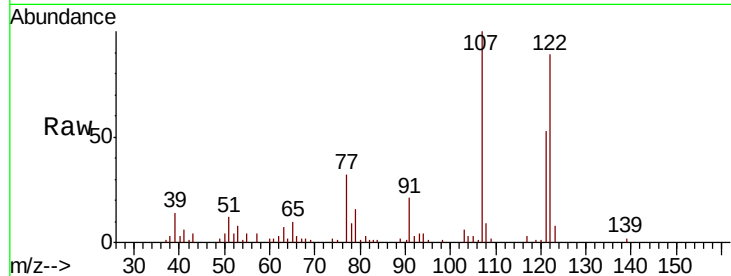




#27
2,4-Dimethylphenol
Concen: 7.183 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

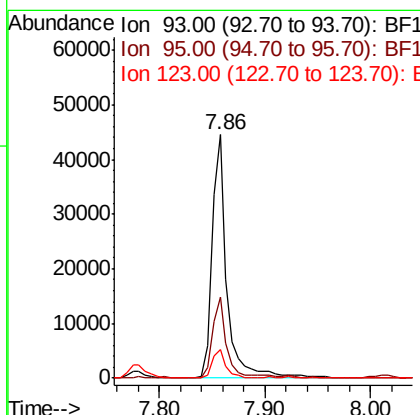
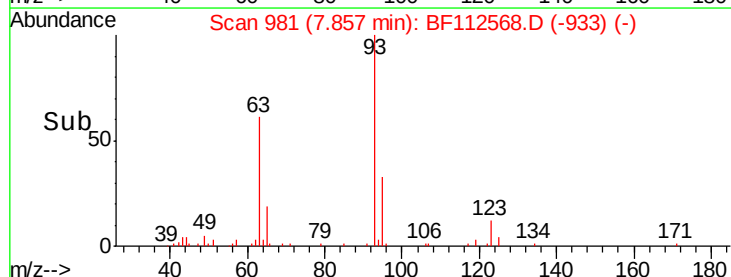
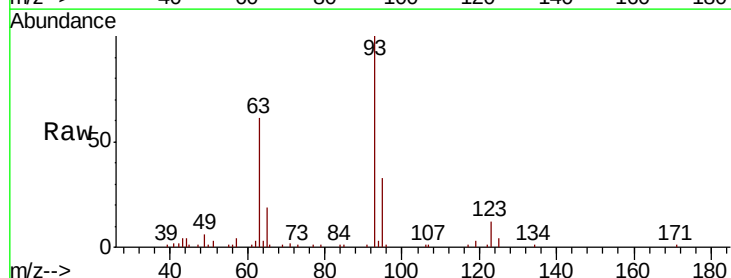
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

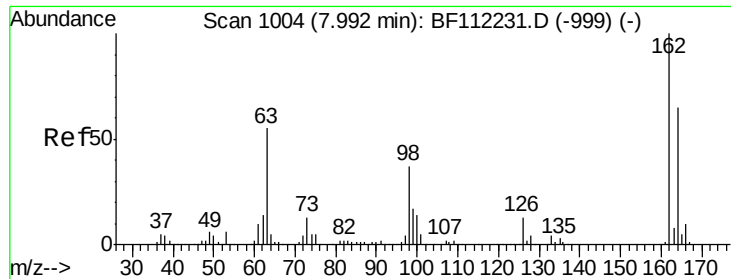
Tot Ion:122 Resp: 34158
Ion Ratio Lower Upper
122 100
107 112.0 85.4 128.0
121 59.9 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 6.361 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion: 93 Resp: 43936
Ion Ratio Lower Upper
93 100
95 33.2 26.8 40.2
123 11.8 10.2 15.2

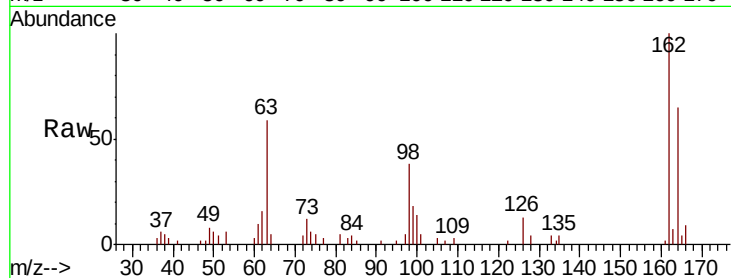




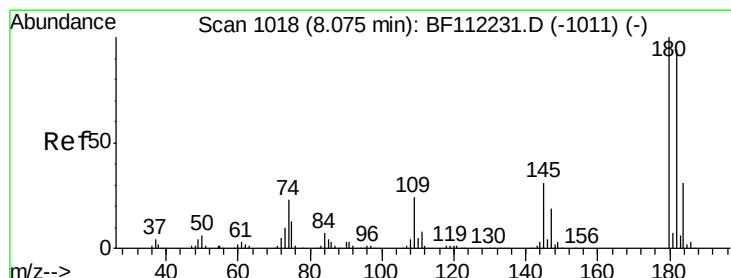
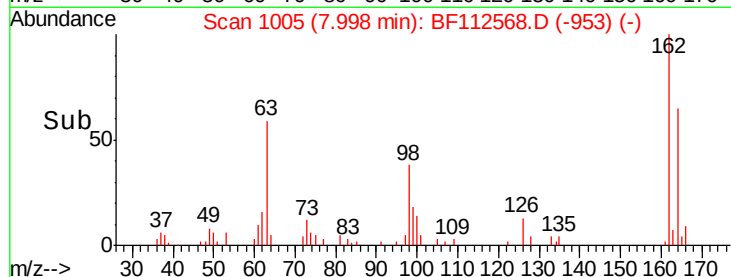
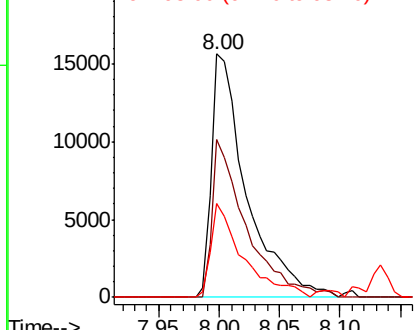
#29
2,4-Dichlorophenol
Concen: 5.931 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion:162 Resp: 31560
Ion Ratio Lower Upper
162 100
164 65.0 44.6 84.6
98 38.3 14.6 54.6

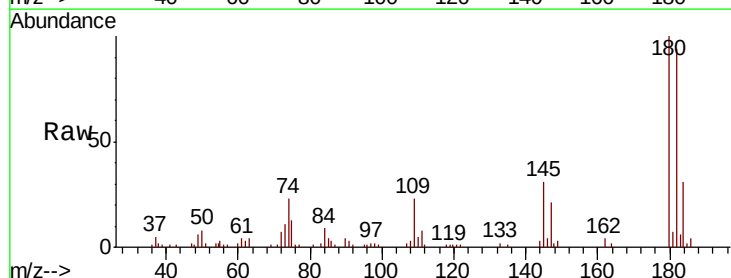


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

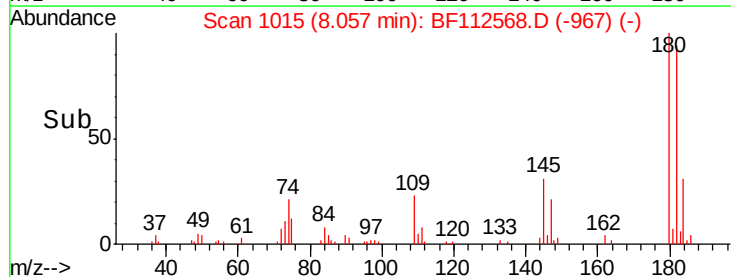
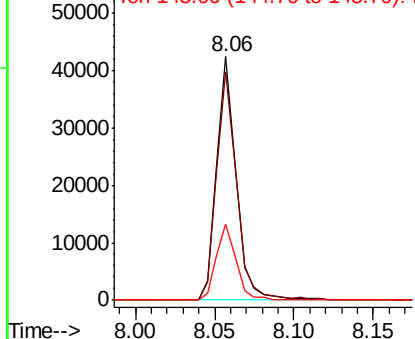


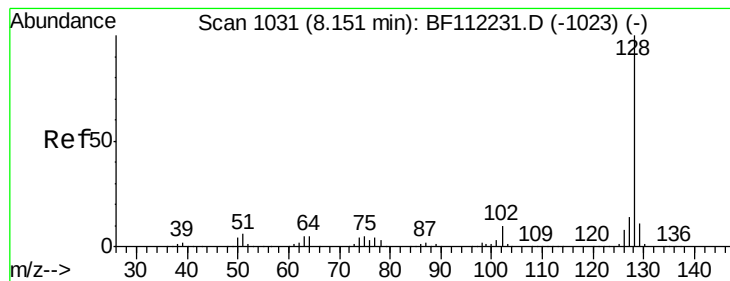
#30
1,2,4-Trichlorobenzene
Concen: 5.960 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:180 Resp: 36453
Ion Ratio Lower Upper
180 100
182 93.9 76.4 114.6
145 31.0 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: 6.676 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

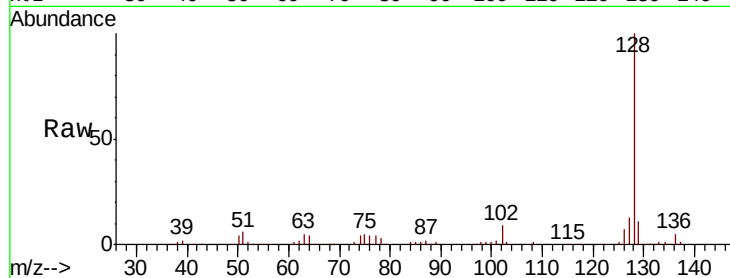
Tot Ion:128 Resp: 116331

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

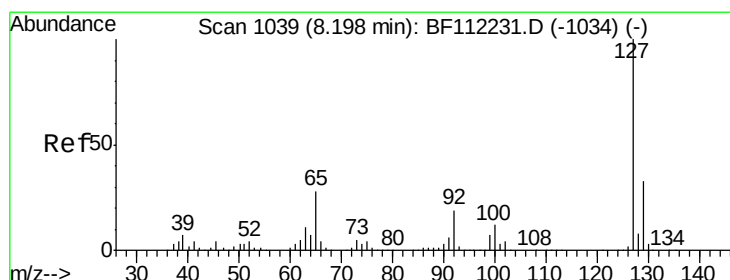
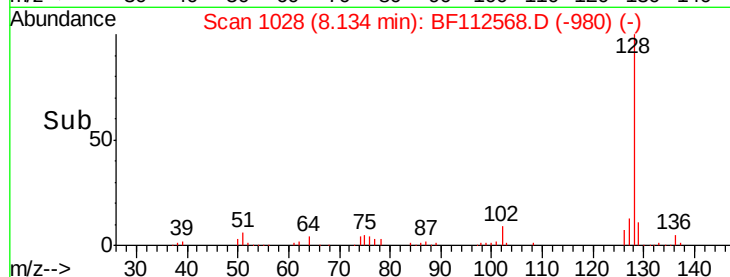
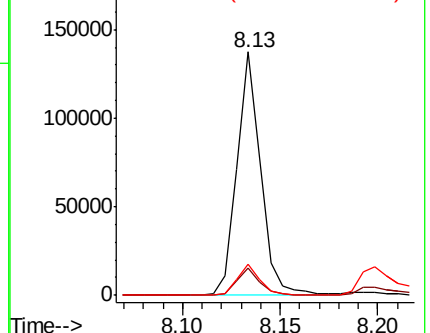
127 12.9 11.1 16.7



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



#33

4-Chloroaniline

Concen: 3.341 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Tgt Ion:127 Resp: 25347

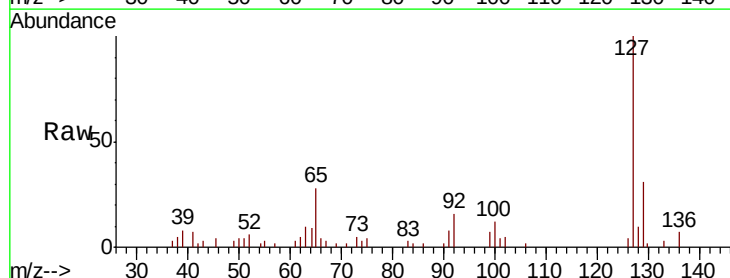
Ion Ratio Lower Upper

127 100

129 31.0 26.6 39.8

65 27.6 21.4 32.2

92 16.0 14.2 21.2

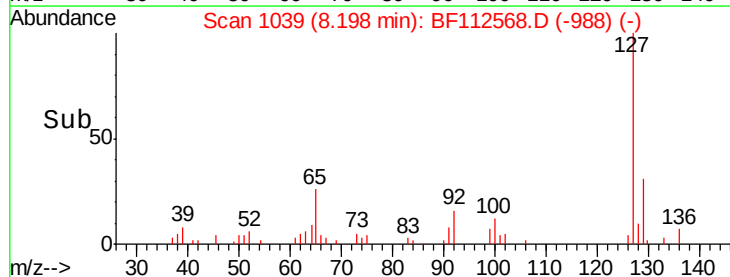
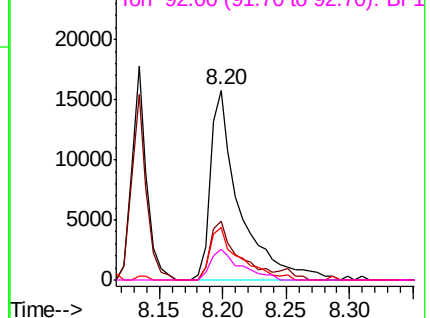


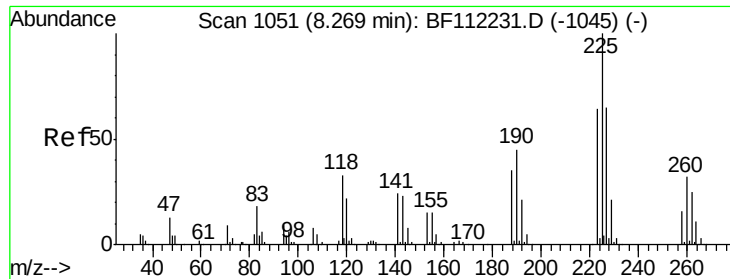
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

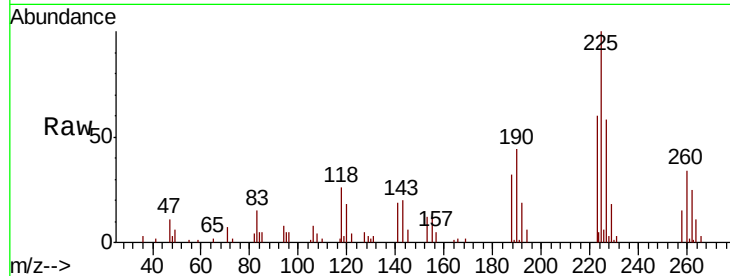




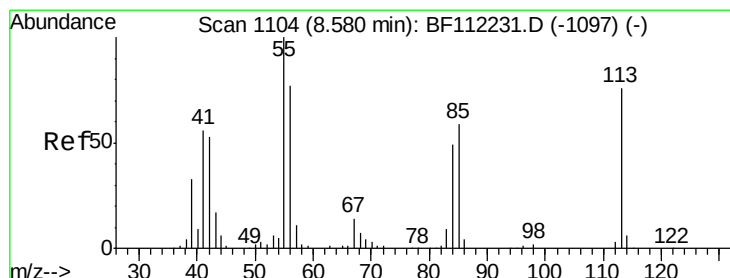
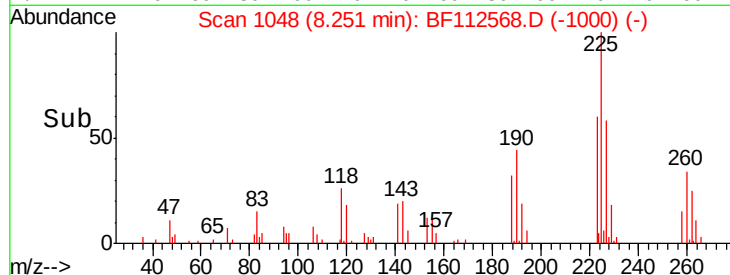
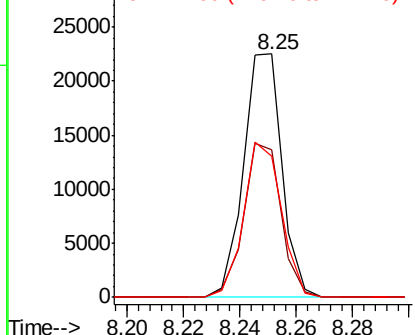
#34
Hexachlorobutadiene
Concen: 5.904 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion:225	Resp:	21193
Ion Ratio	Lower	Upper
225	100	
223	60.5	50.3 75.5
227	58.2	51.8 77.8

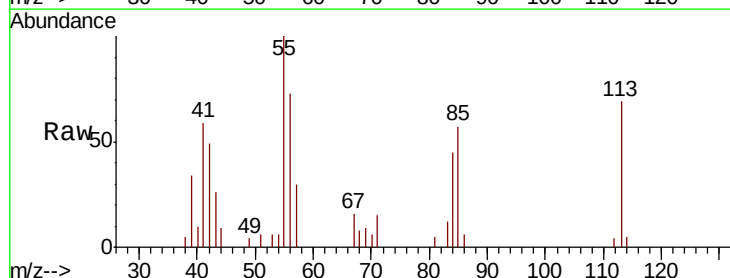


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

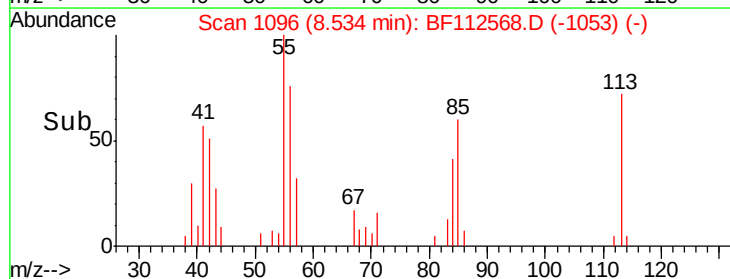
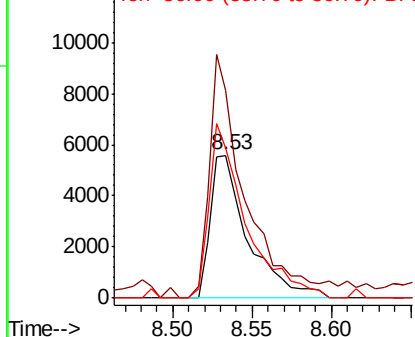


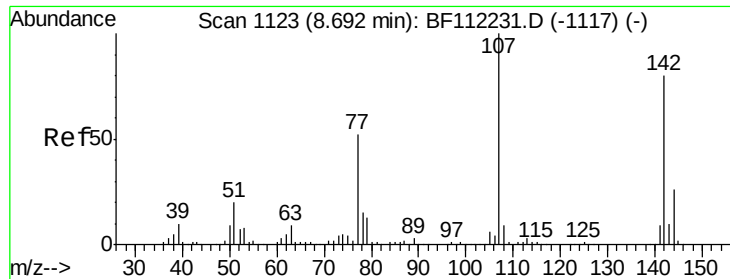
#35
Caprolactam
Concen: 4.927 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.05 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:113	Resp:	9249
Ion Ratio	Lower	Upper
113	100	
55	145.0	121.6 161.6
56	105.4	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

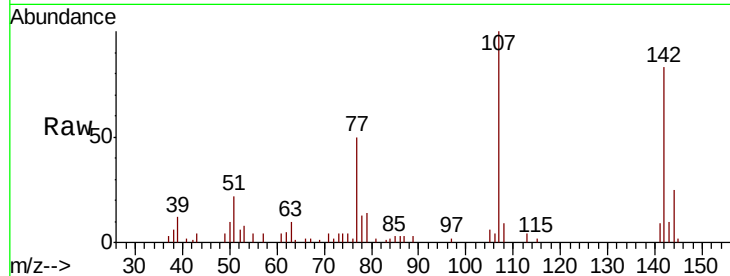




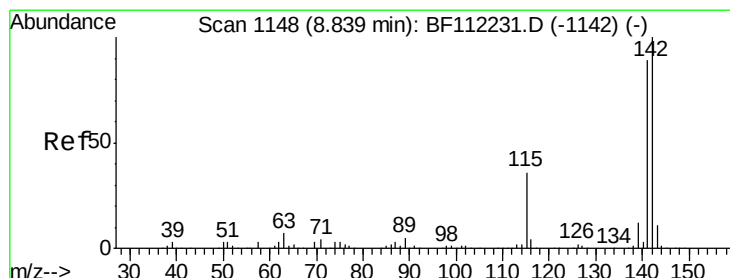
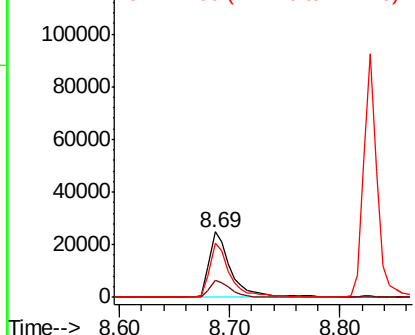
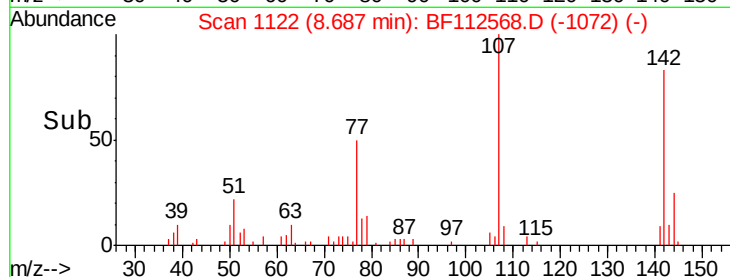
#36
 4-Chloro-3-methylphenol
 Concen: 5.869 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

Tot Ion:107 Resp: 33059
 Ion Ratio Lower Upper
 107 100
 144 25.0 22.2 33.2
 142 83.2 67.7 101.5

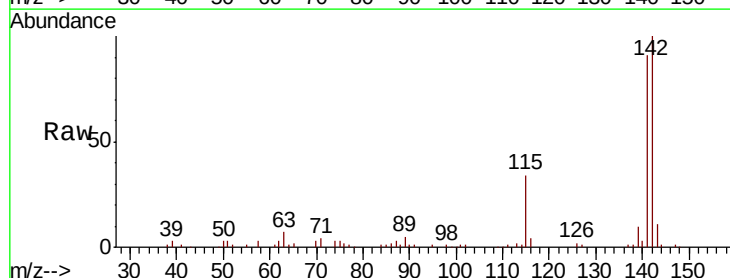


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

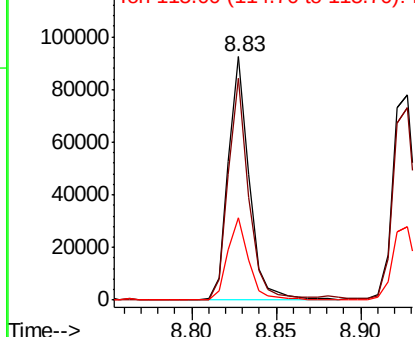
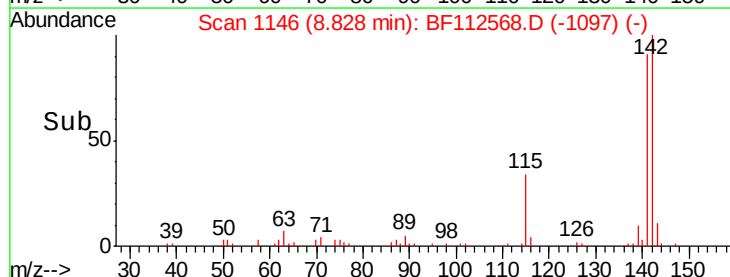


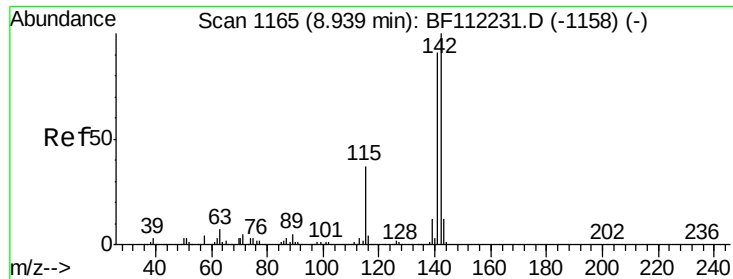
#37
 2-Methylnaphthalene
 Concen: 6.703 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion:142 Resp: 79957
 Ion Ratio Lower Upper
 142 100
 141 91.2 70.9 106.3
 115 34.1 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

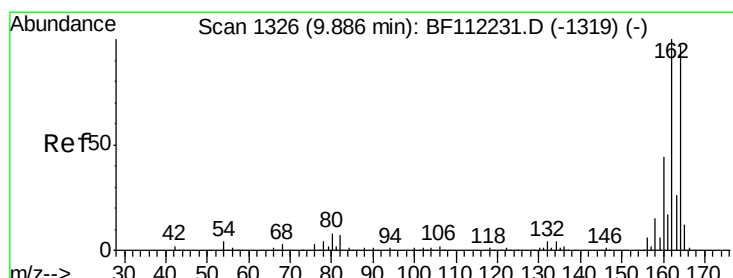
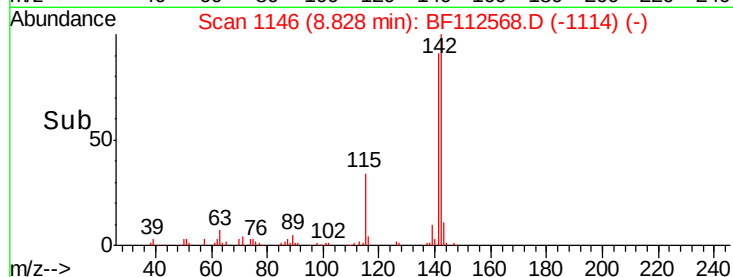
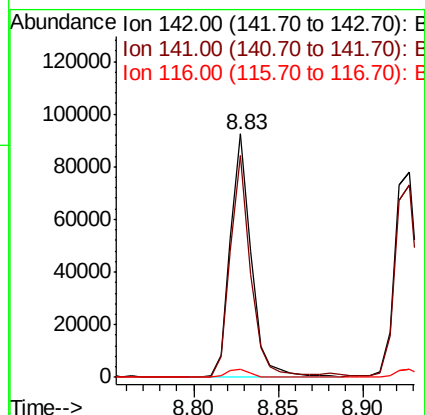
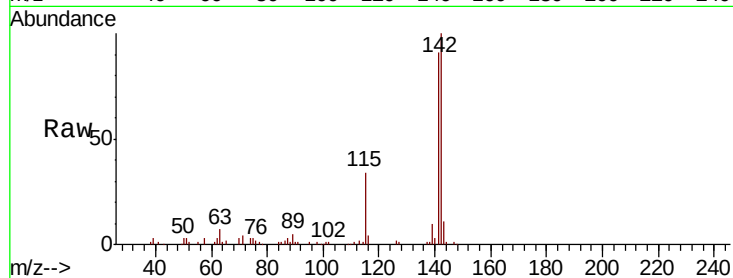




#38
1-Methylnaphthalene
Concen: 6.994 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.11 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

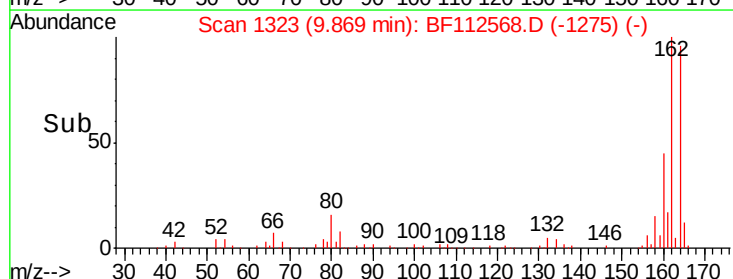
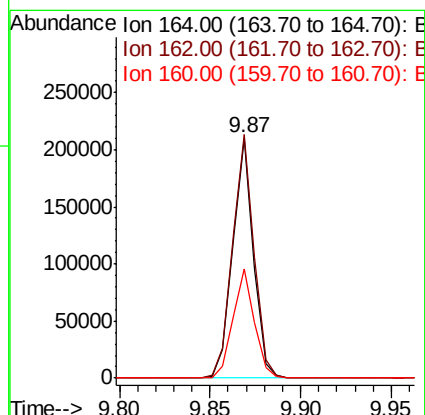
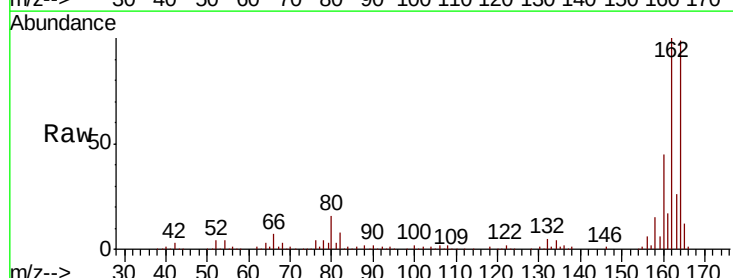
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

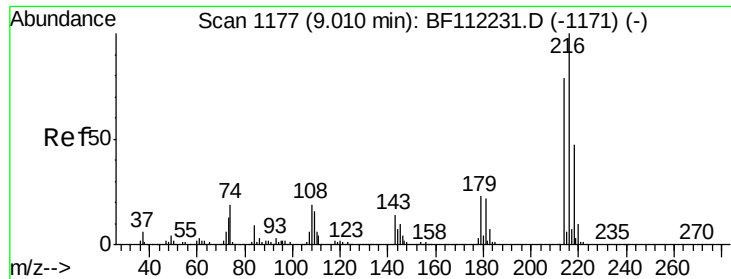
Tot Ion:142 Resp: 79957
Ion Ratio Lower Upper
142 100
141 91.2 72.6 108.8
116 3.6 2.8 4.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:164 Resp: 168139
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.4
160 45.3 36.2 54.4

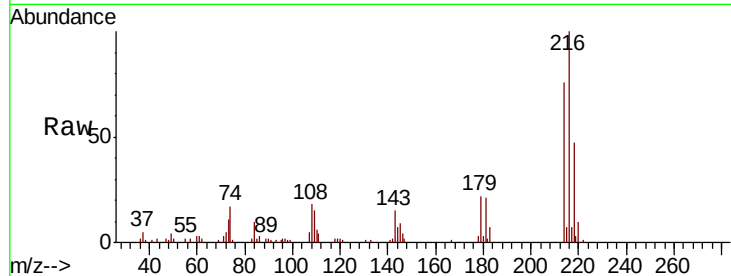




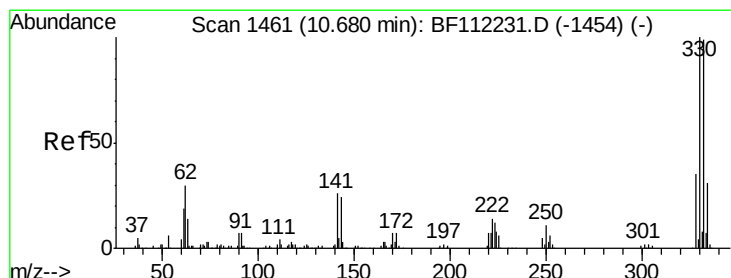
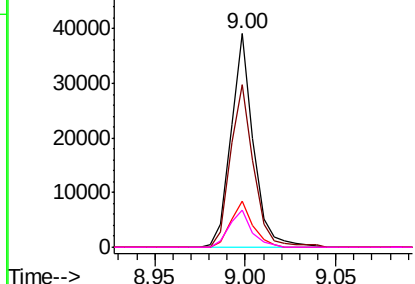
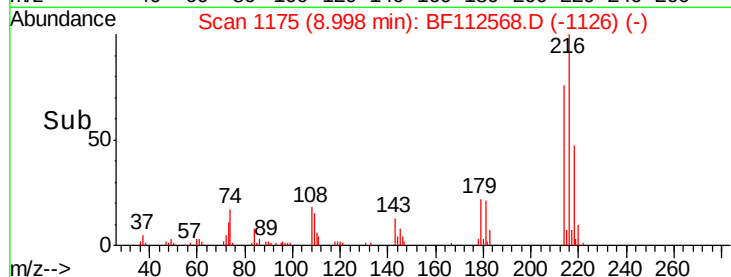
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.143 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

Tot Ion:216	Resp:	33913
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.8 95.6
179	21.0	16.9 25.3
108	17.4	14.2 21.4

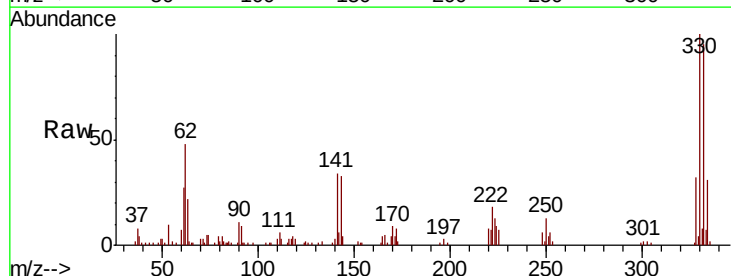


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

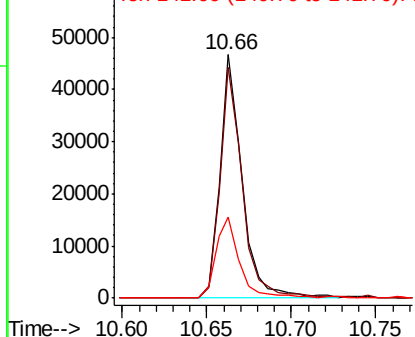
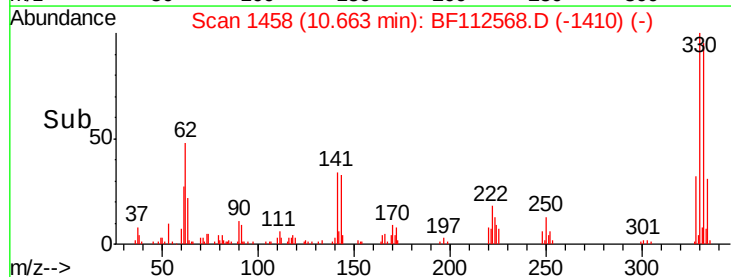


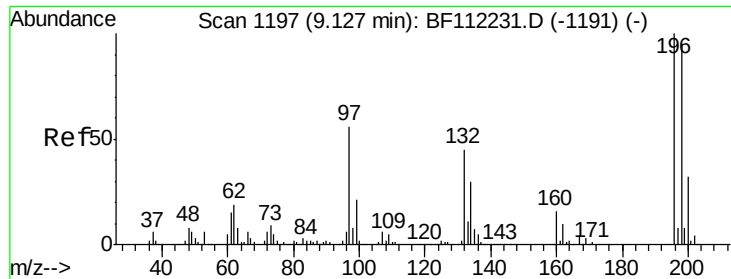
#42
 2,4,6-Tribromophenol
 Concen: 21.914 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion:330	Resp:	42888
Ion Ratio	Lower	Upper
330	100	
332	95.4	76.6 114.8
141	35.5	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

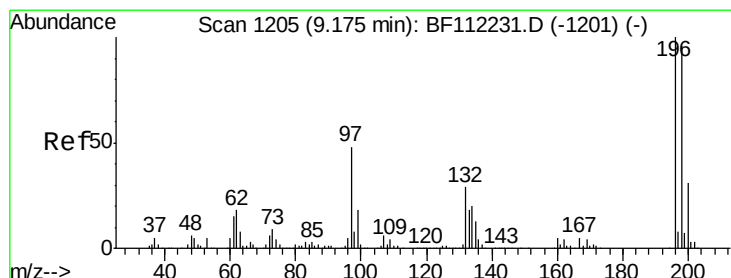
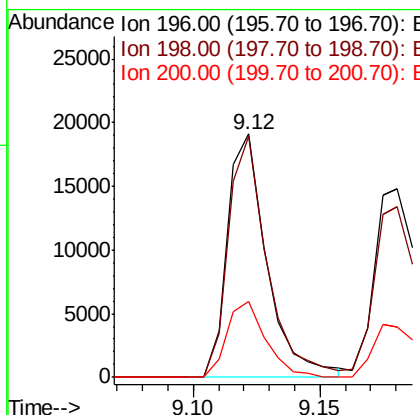
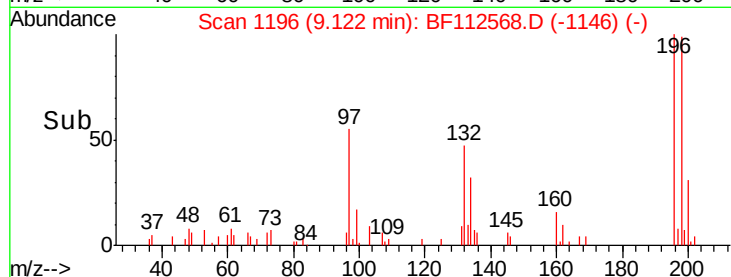
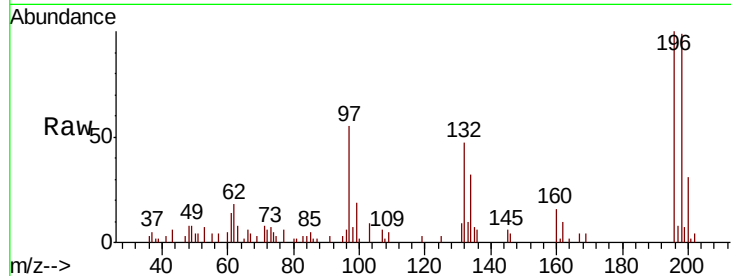




#43
 2,4,6-Trichlorophenol
 Concen: 6.090 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

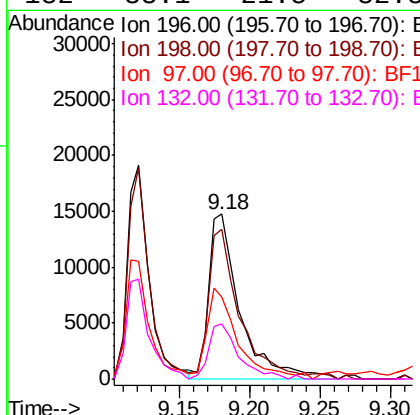
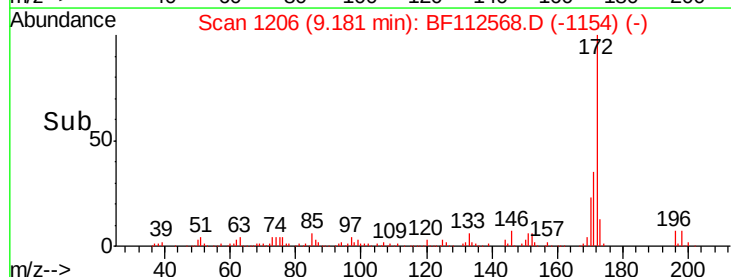
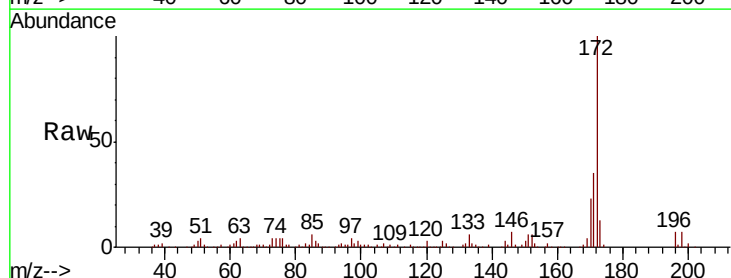
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

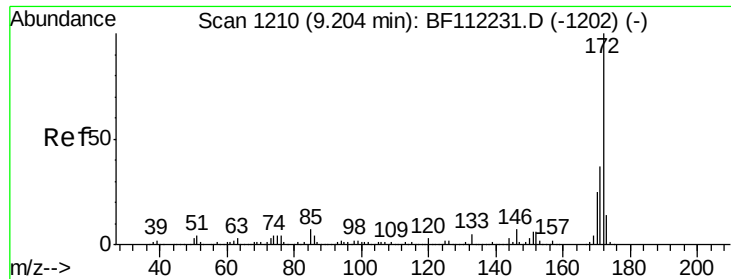
Tot Ion:196 Resp: 20724
 Ion Ratio Lower Upper
 196 100
 198 99.2 76.2 114.4
 200 31.0 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 6.373 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion:196 Resp: 22665
 Ion Ratio Lower Upper
 196 100
 198 90.5 76.0 114.0
 97 49.3 36.4 54.6
 132 33.1 21.5 32.3#

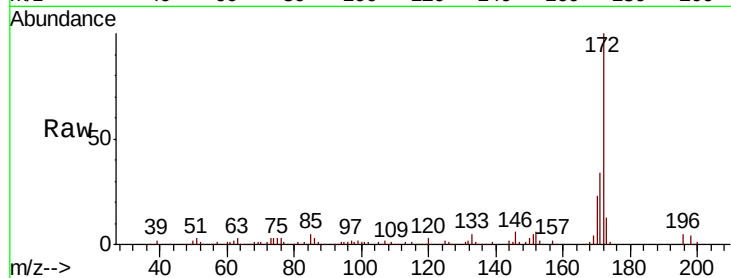




#45
2-Fluorobiphenyl
Concen: 16.642 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.5	45.7
170	22.5	20.2	30.4

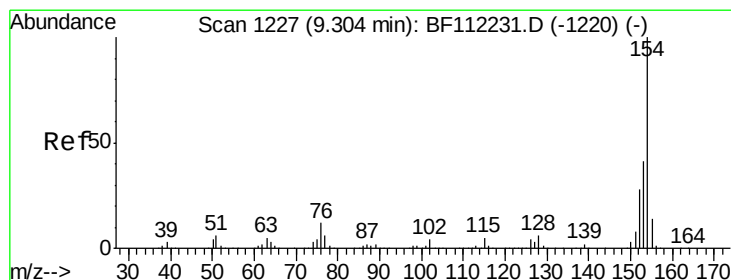
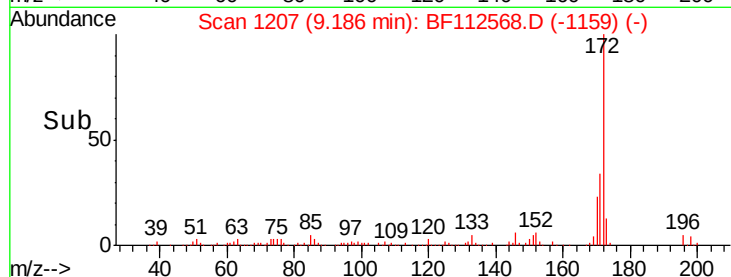
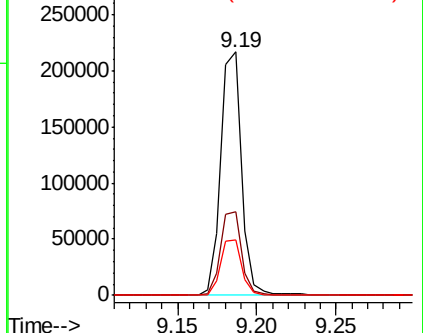


Abundance

Ion 172.00 (171.70 to 172.70): E

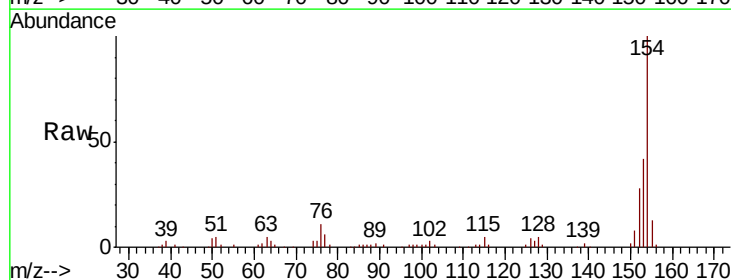
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 6.353 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.5	61.5
76	11.0	0.0	33.1

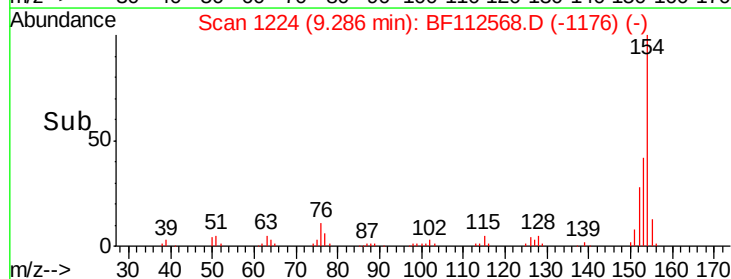
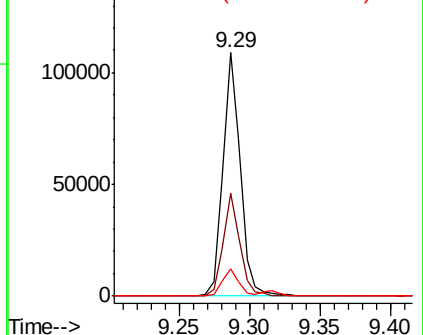


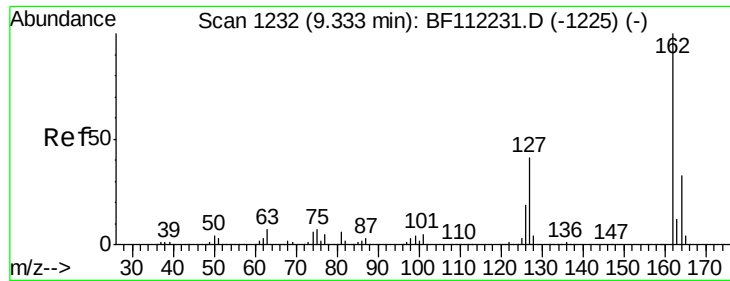
Abundance

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

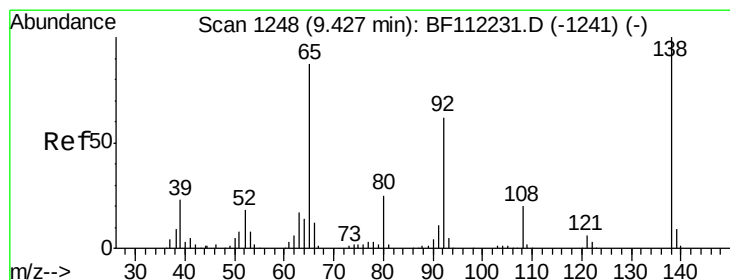
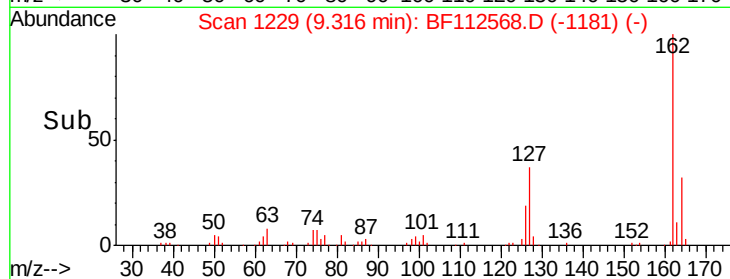
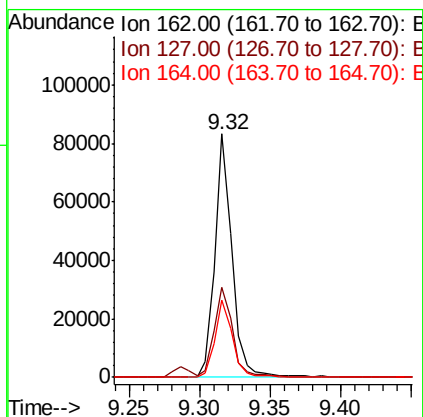
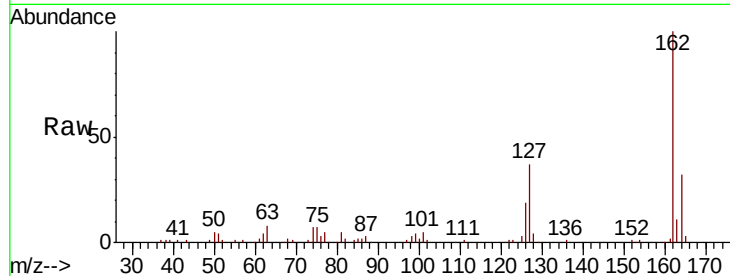




#47
 2-Chloronaphthalene
 Concen: 6.178 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

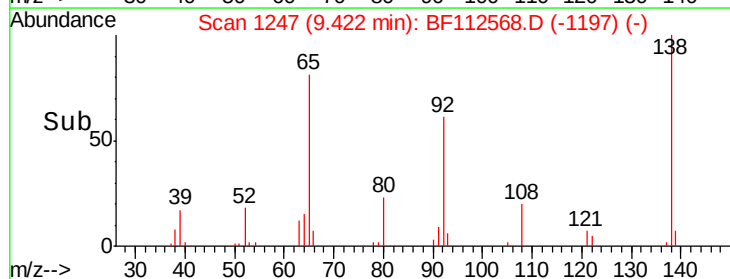
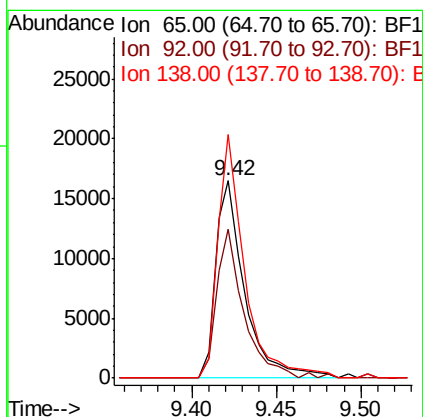
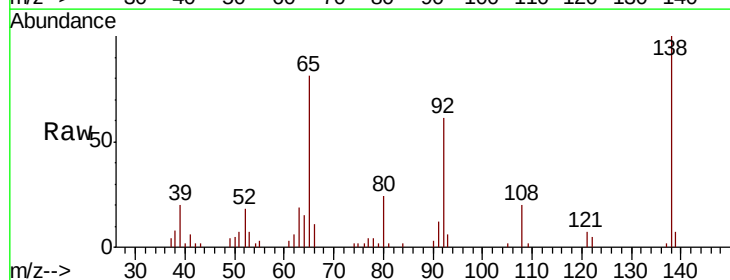
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

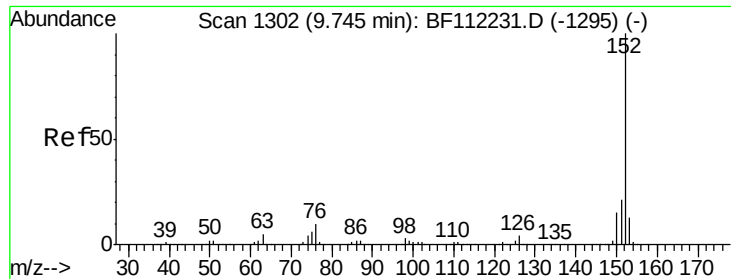
Tot Ion:162 Resp: 70424
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.4 45.6
 164 31.9 27.4 41.2



#48
 2-Nitroaniline
 Concen: 6.358 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion: 65 Resp: 19754
 Ion Ratio Lower Upper
 65 100
 92 75.4 60.4 90.6
 138 123.6 104.4 156.6





#49

Acenaphthylene

Concen: 6.750 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

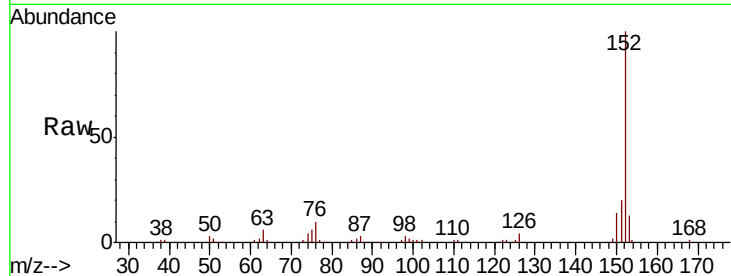
Tot Ion:152 Resp: 112774

Ion Ratio Lower Upper

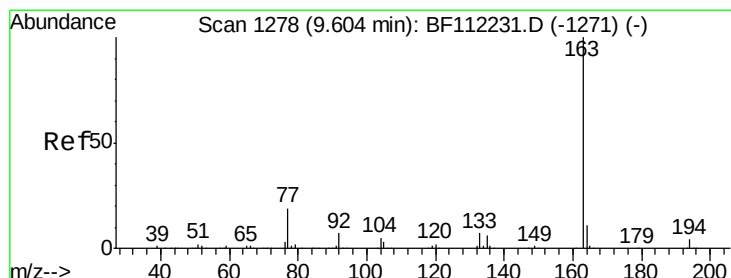
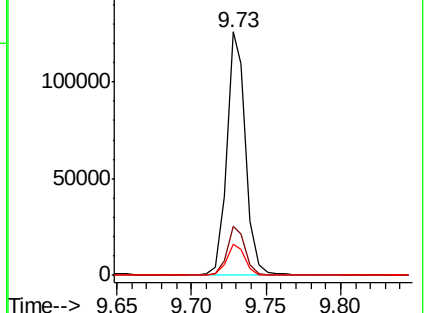
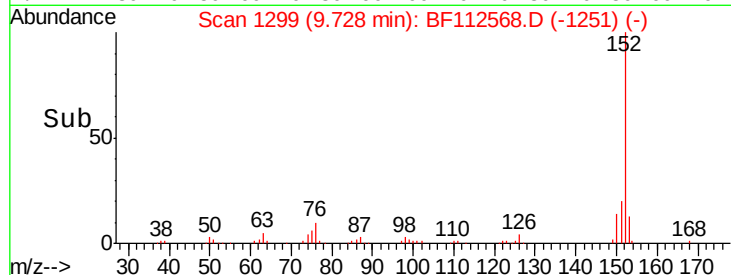
152 100

151 20.1 17.0 25.6

153 13.0 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: 7.818 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

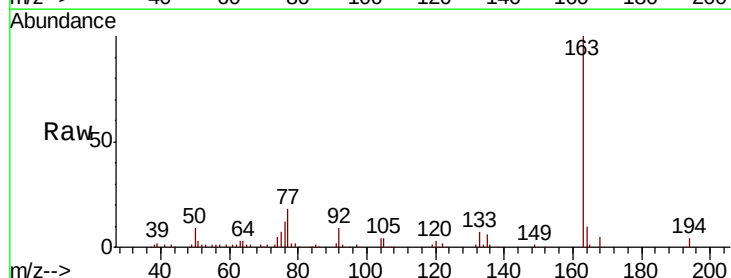
Tgt Ion:163 Resp: 102133

Ion Ratio Lower Upper

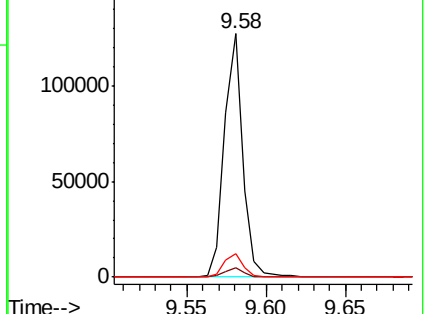
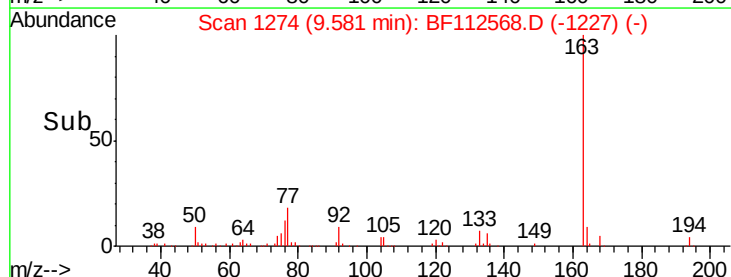
163 100

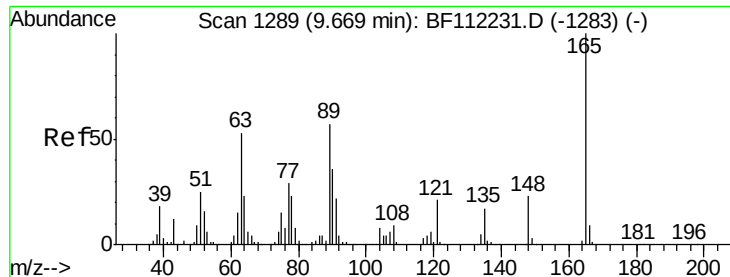
194 3.8 3.3 4.9

164 9.7 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: 5.305 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

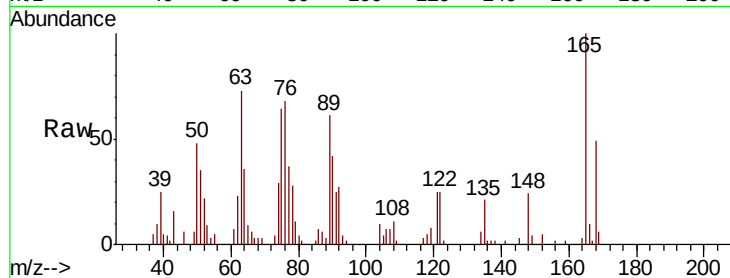
Tot Ion:165 Resp: 15520

Ion Ratio Lower Upper

165 100

63 72.6 33.8 50.8#

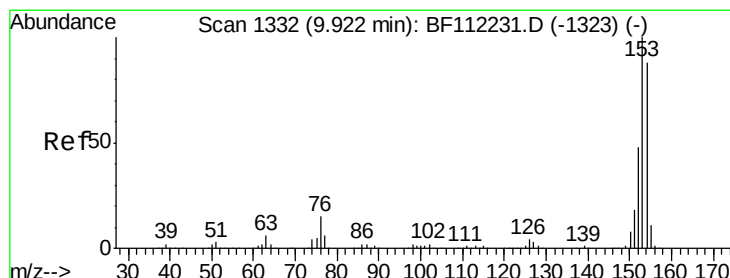
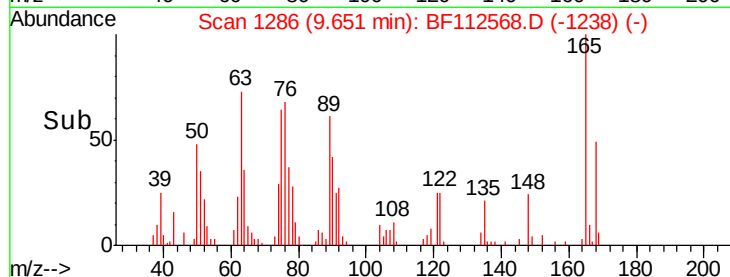
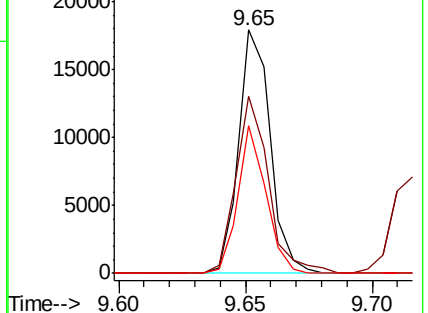
89 60.6 36.9 55.3#



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: 6.388 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

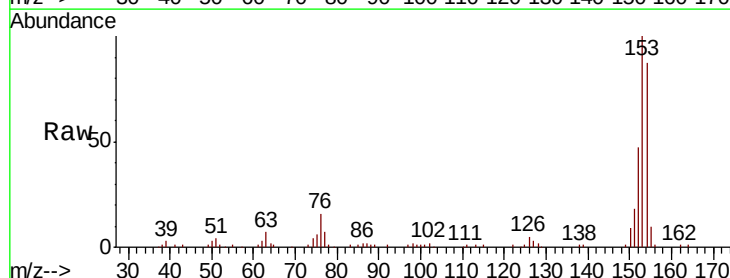
Tgt Ion:154 Resp: 63758

Ion Ratio Lower Upper

154 100

153 114.5 89.8 134.6

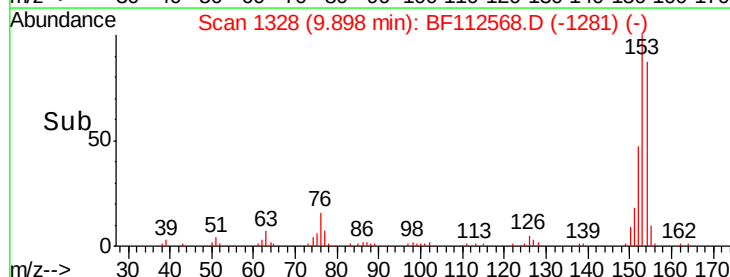
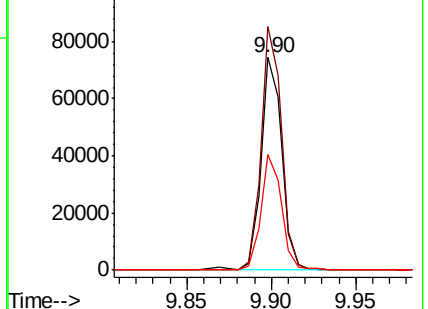
152 54.3 43.5 65.3

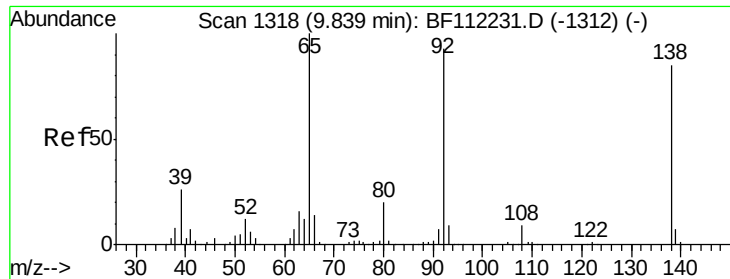


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

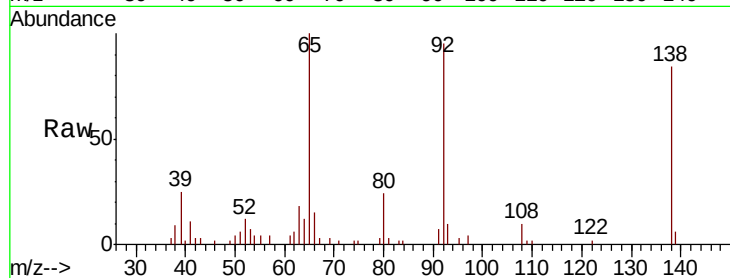




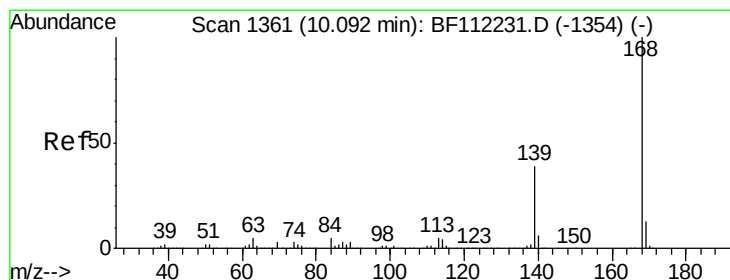
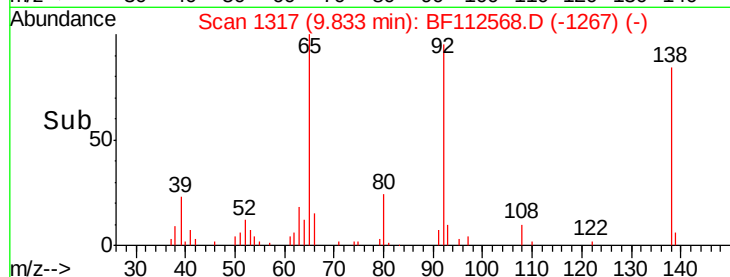
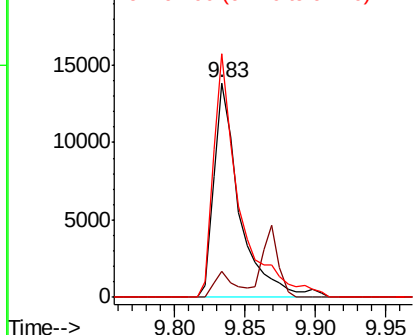
#53
3-Nitroaniline
Concen: 5.515 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion:138 Resp: 17480
Ion Ratio Lower Upper
138 100
108 12.1 9.8 14.6
92 113.7 79.4 119.2

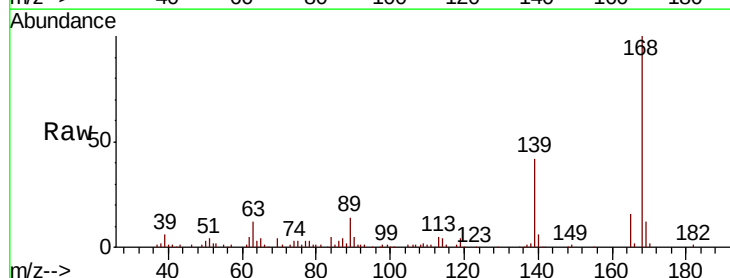


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

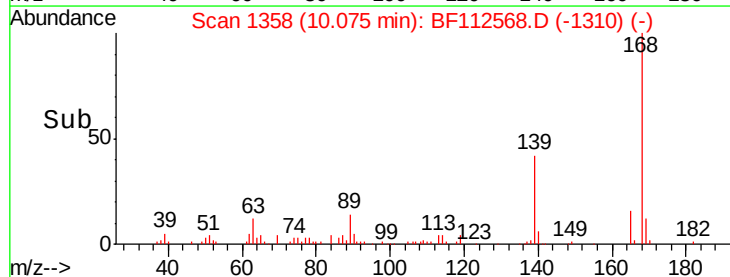
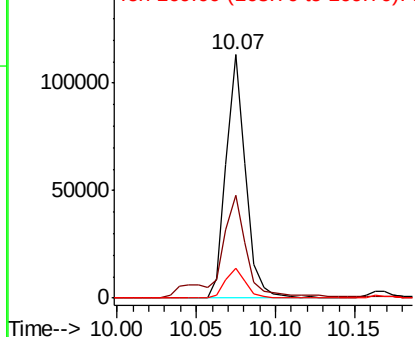


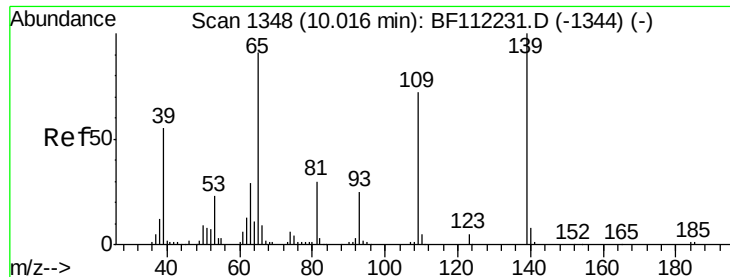
#55
Dibenzofuran
Concen: 6.369 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:168 Resp: 97135
Ion Ratio Lower Upper
168 100
139 42.4 29.2 43.8
169 12.4 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: 33.932 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.06 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

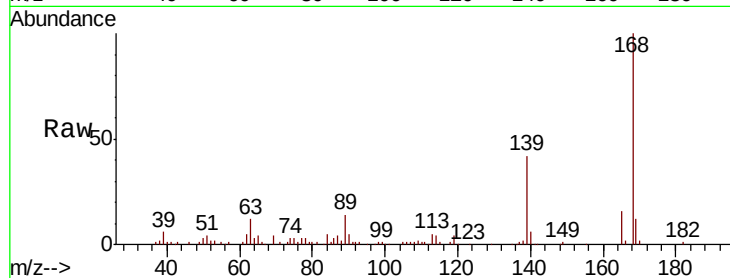
Tot Ion:139 Resp: 56863

Ion Ratio Lower Upper

139 100

109 5.3 42.8 82.8#

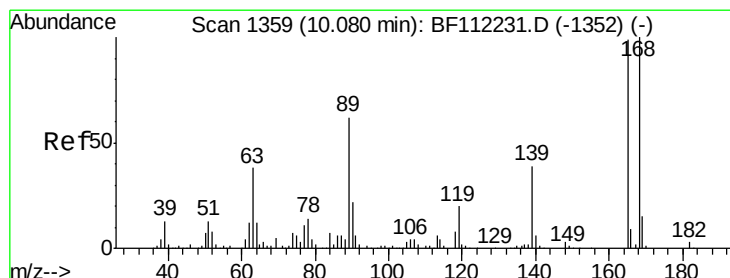
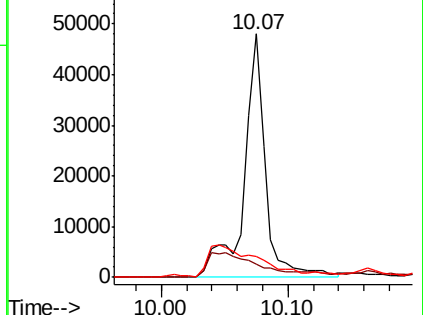
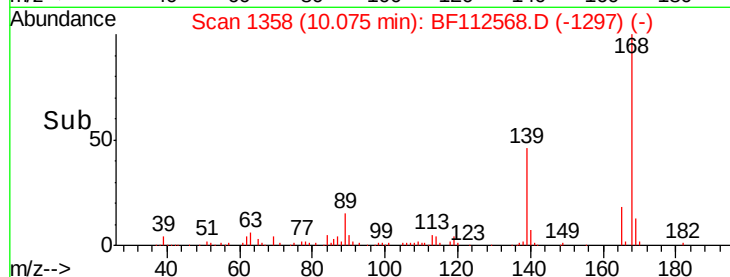
65 8.4 66.1 106.1#



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: 5.410 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Tgt Ion:165 Resp: 20150

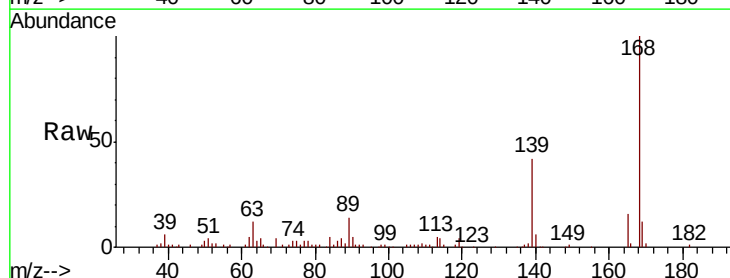
Ion Ratio Lower Upper

165 100

63 72.3 27.9 41.9#

89 84.0 47.9 71.9#

182 3.2 2.2 3.4

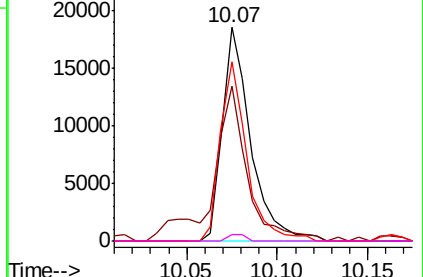
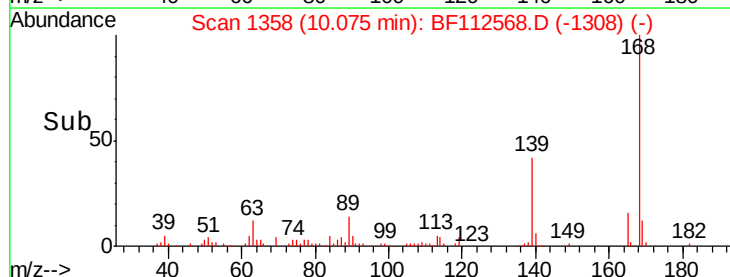


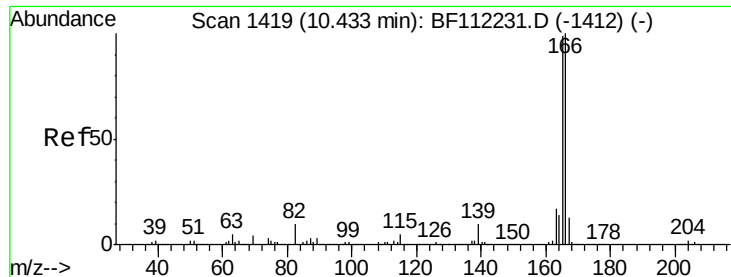
Abundance Ion 165.00 (164.70 to 165.70): E

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

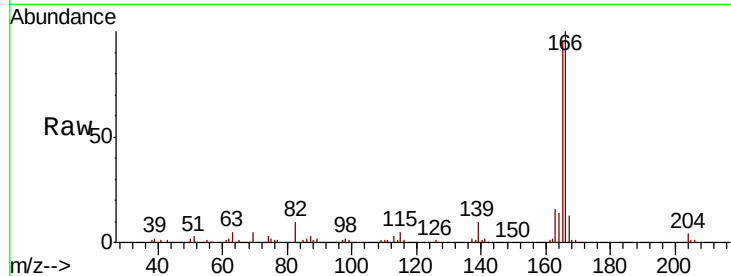




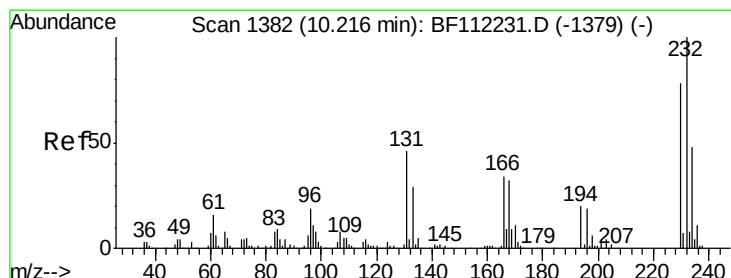
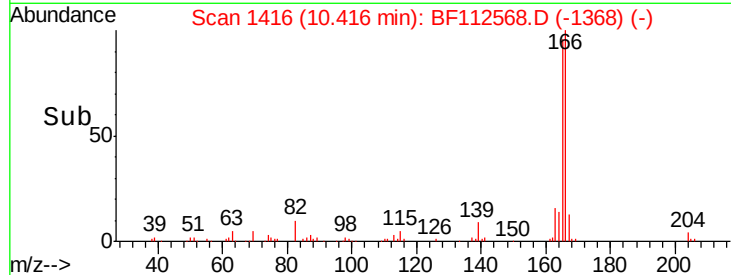
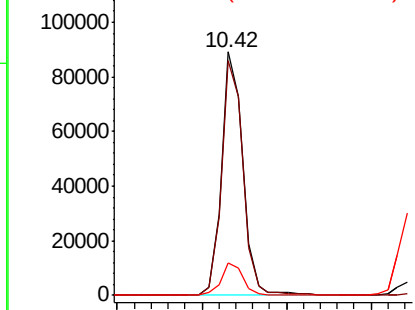
#58
Fluorene
Concen: 6.837 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion:166 Resp: 78034
Ion Ratio Lower Upper
166 100
165 96.3 77.1 115.7
167 13.4 11.3 16.9

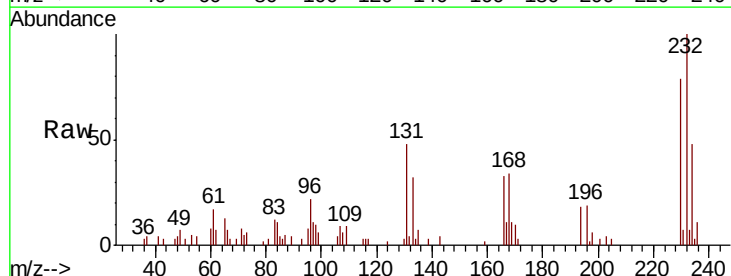


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

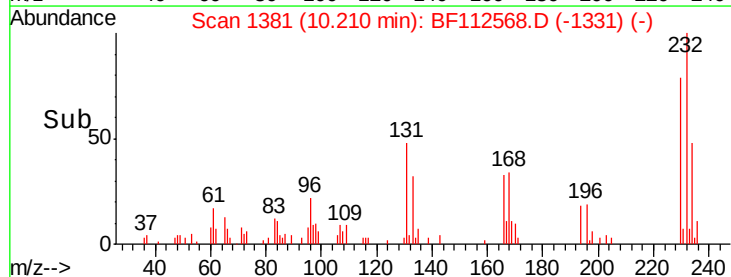
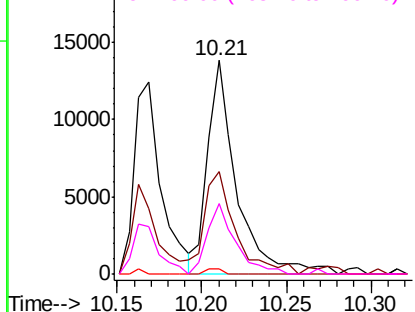


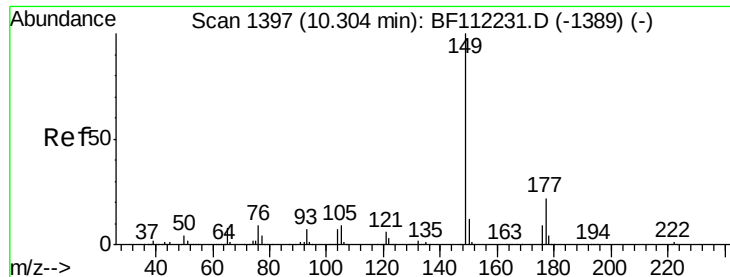
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.213 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:232 Resp: 16699
Ion Ratio Lower Upper
232 100
131 52.2 33.9 50.9#
130 1.5 1.8 2.6#
166 31.5 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

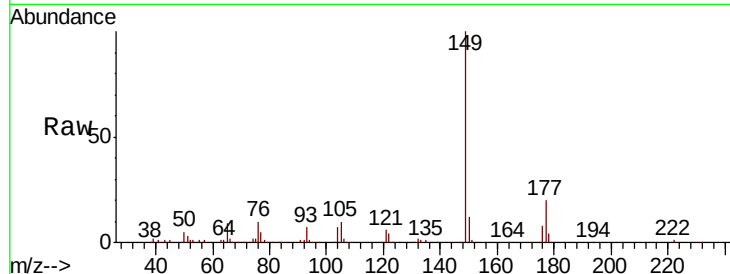




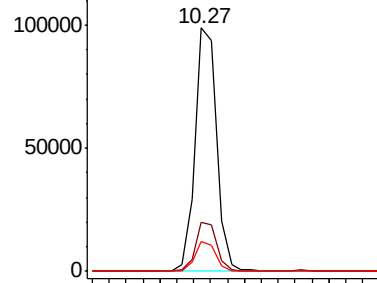
#60
Diethylphthalate
Concen: 6.816 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

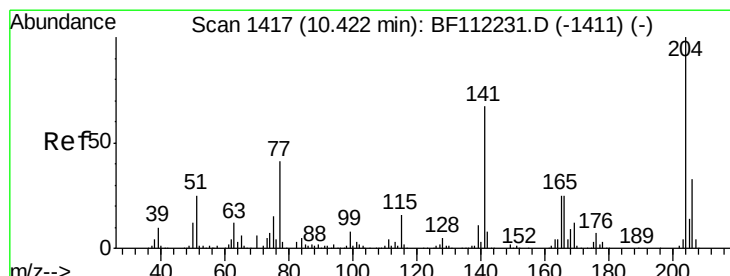
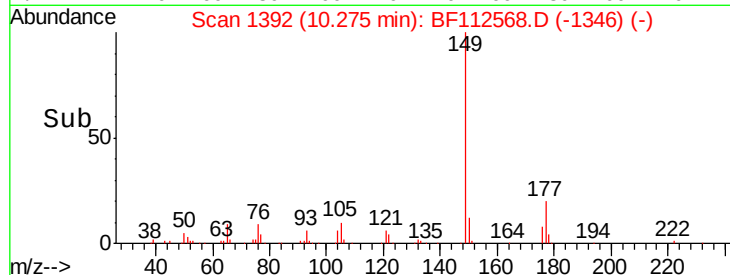
Tot Ion:149 Resp: 88364
Ion Ratio Lower Upper
149 100
177 19.9 18.2 27.2
150 12.0 10.4 15.6



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

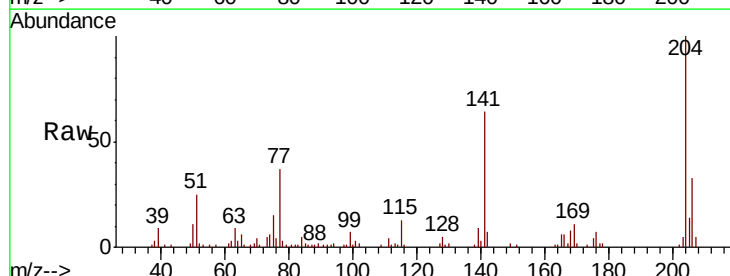


Time-->

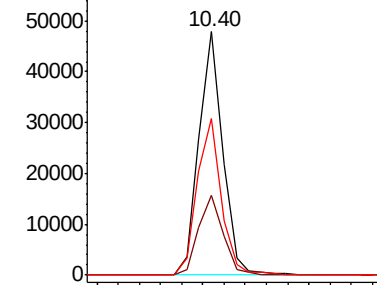


#61
4-Chlorophenyl-phenylether
Concen: 6.003 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

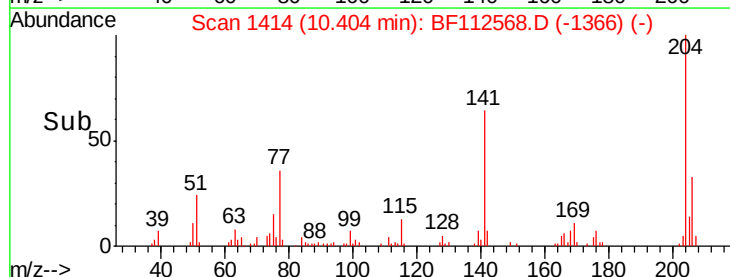
Tgt Ion:204 Resp: 37267
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 64.1 45.9 68.9

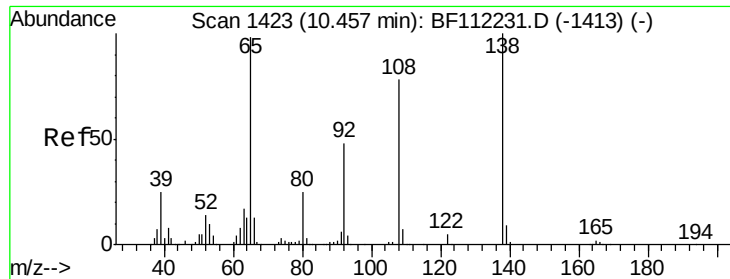


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

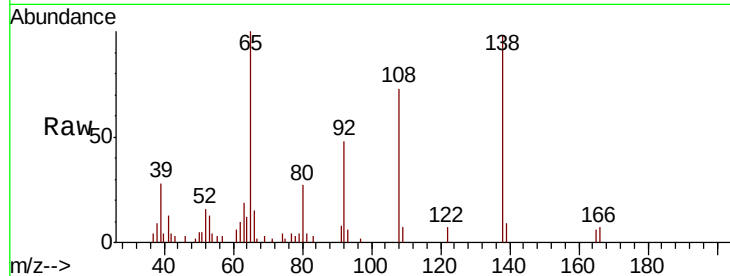




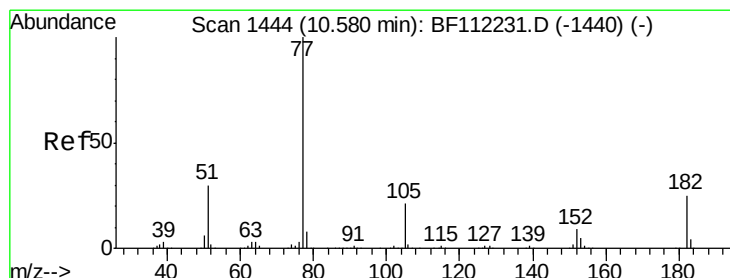
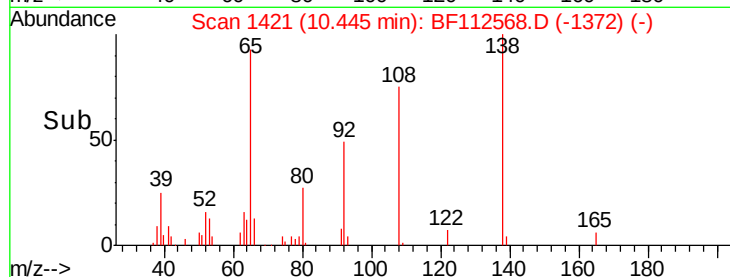
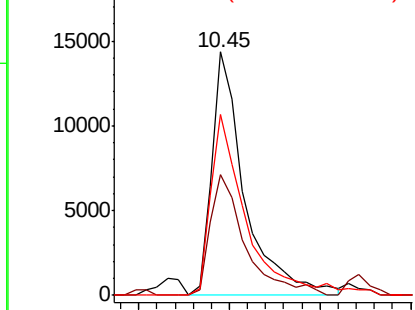
#62
4-Nitroaniline
Concen: 5.833 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion:138 Resp: 18136
Ion Ratio Lower Upper
138 100
92 49.3 30.6 70.6
108 74.5 50.0 90.0

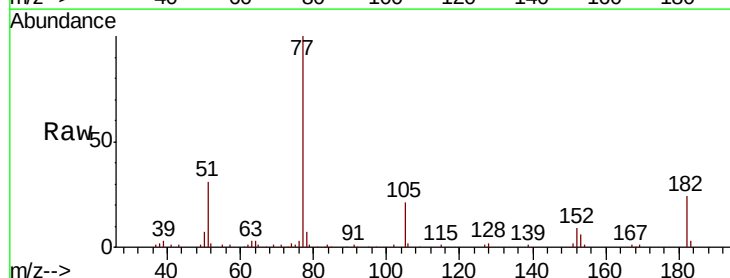


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

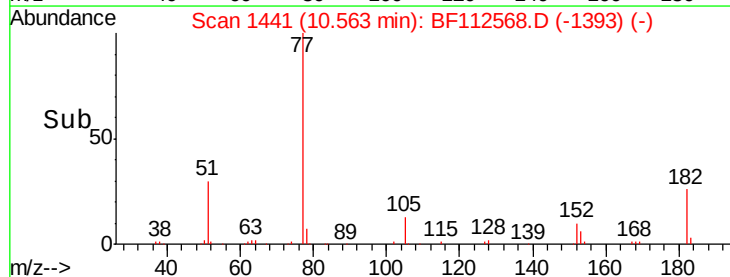
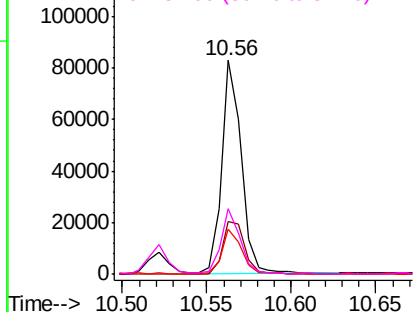


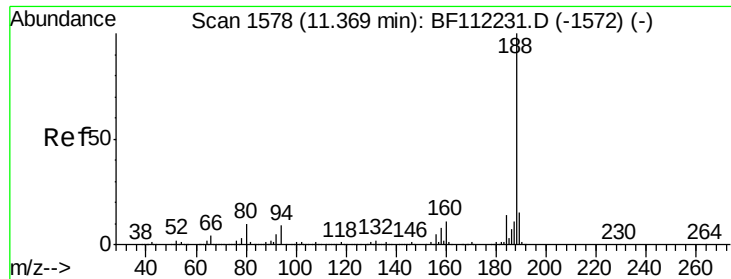
#63
Azobenzene
Concen: 5.878 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion: 77 Resp: 67022
Ion Ratio Lower Upper
77 100
182 24.4 5.7 45.7
105 21.0 1.4 41.4
51 30.7 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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

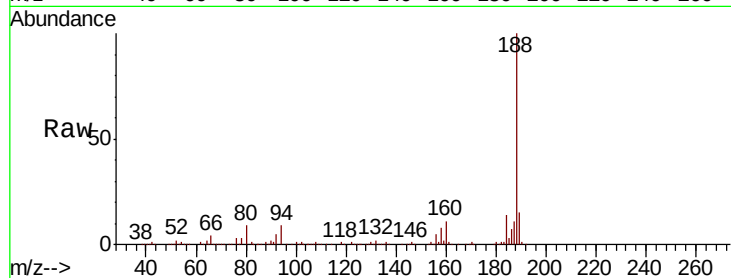
Tot Ion:188 Resp: 316815

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

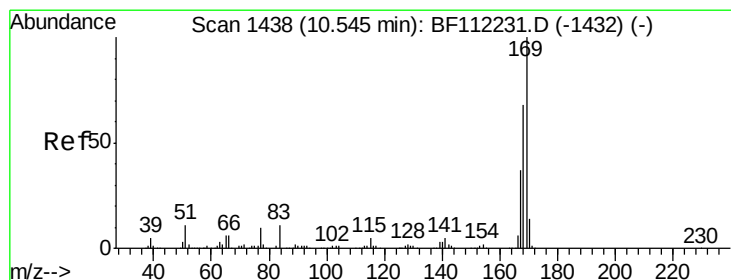
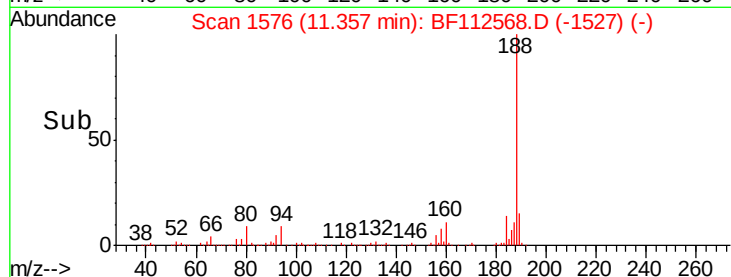
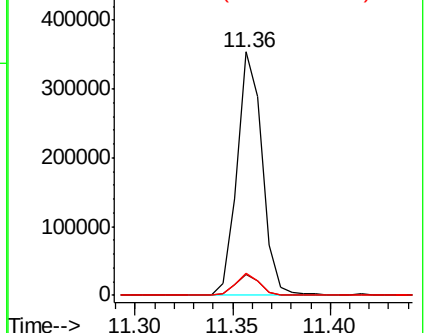
80 9.3 8.9 13.3



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



#66

n-Nitrosodiphenylamine

Concen: 6.231 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

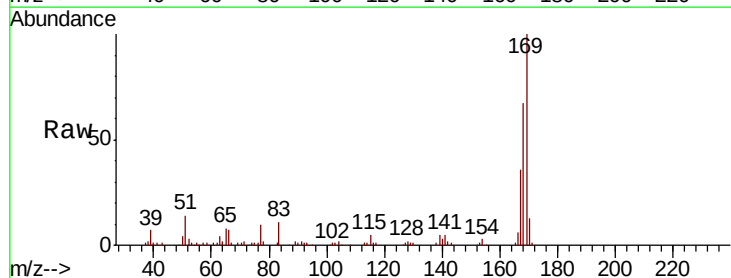
Tgt Ion:169 Resp: 66530

Ion Ratio Lower Upper

169 100

168 66.7 53.9 80.9

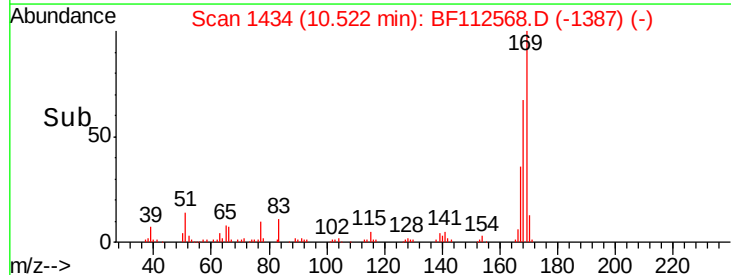
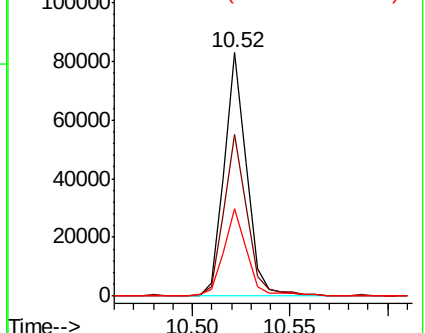
167 36.2 28.9 43.3

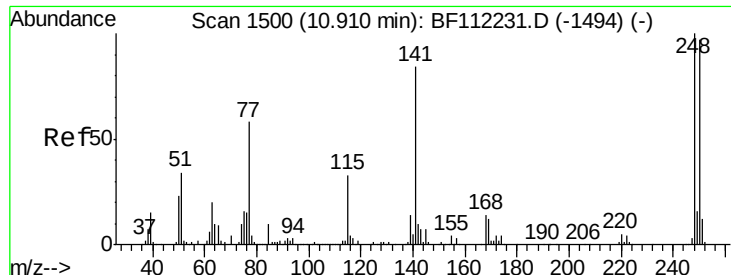


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

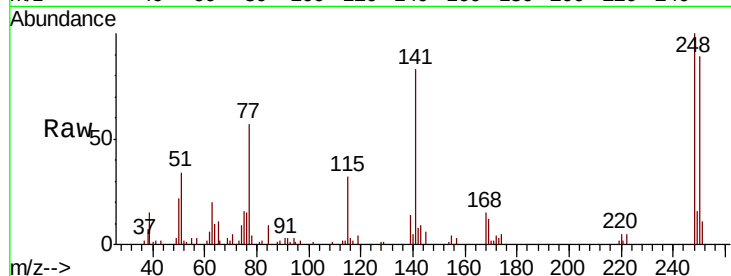




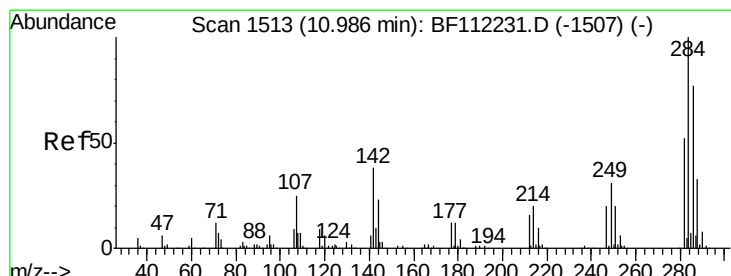
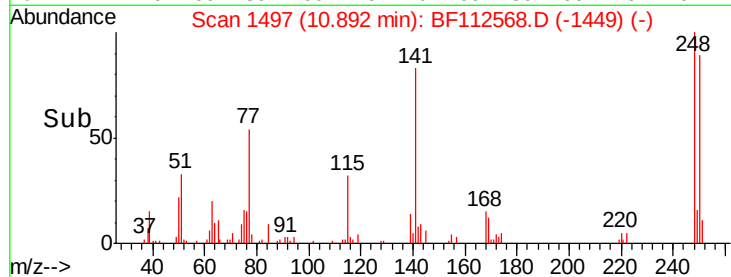
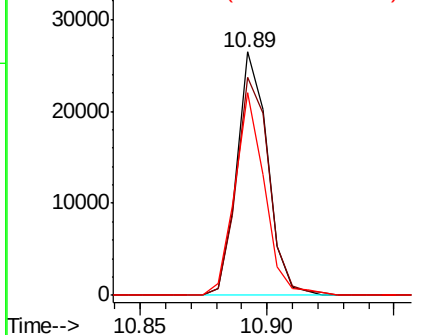
#67
 4-Bromophenyl-phenylether
 Concen: 5.965 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

Tot Ion:248 Resp: 22228
 Ion Ratio Lower Upper
 248 100
 250 89.4 79.7 119.5
 141 83.4 60.3 90.5

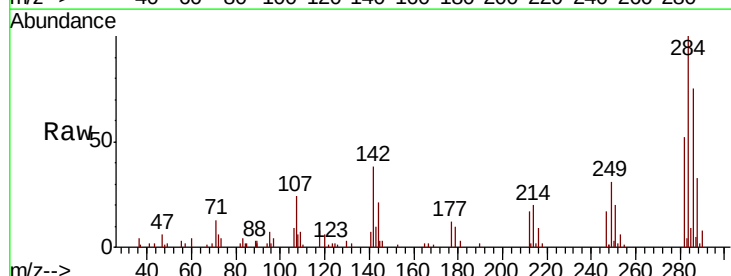


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

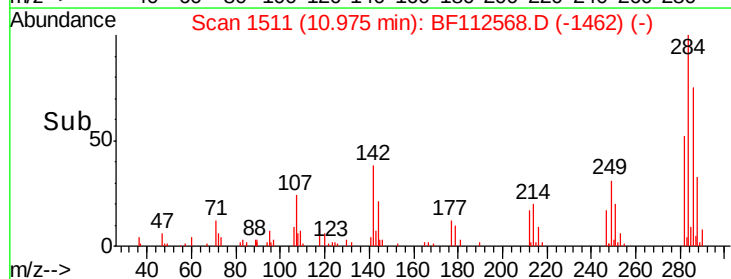
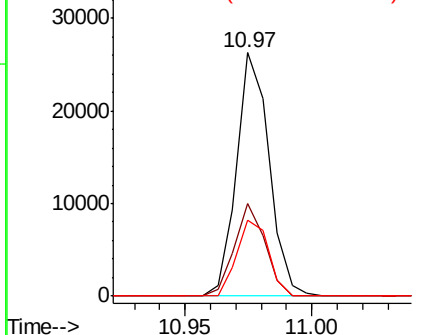


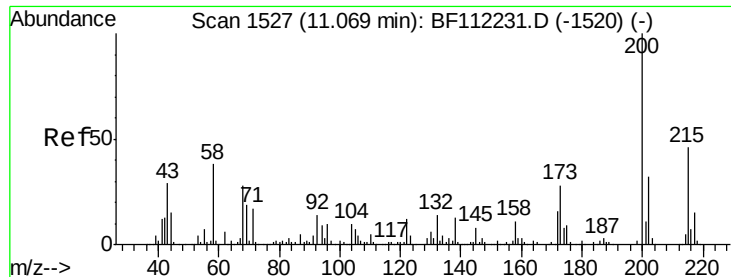
#68
 Hexachlorobenzene
 Concen: 5.862 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion:284 Resp: 23433
 Ion Ratio Lower Upper
 284 100
 142 38.1 27.6 41.4
 249 31.1 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

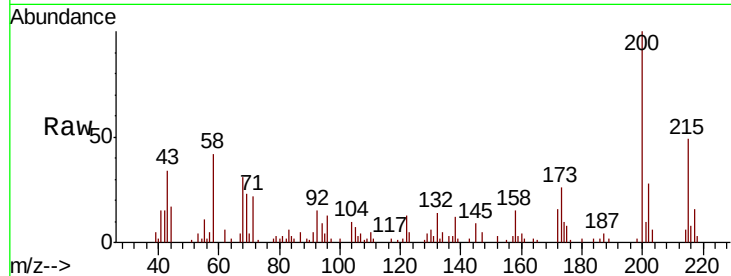




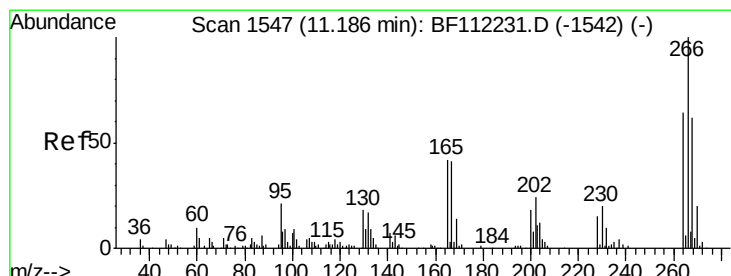
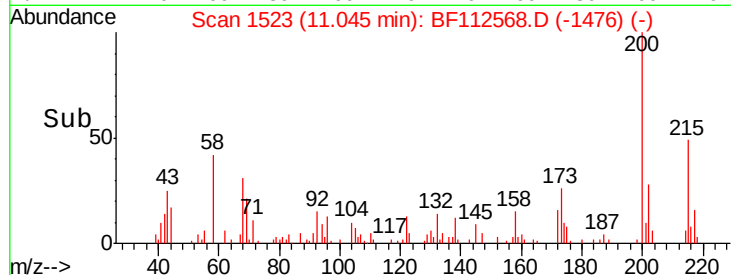
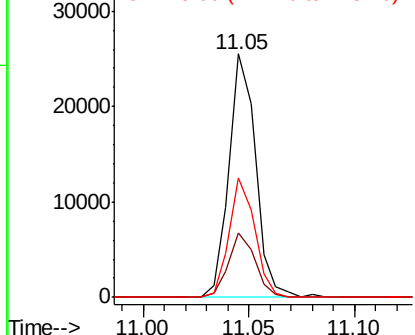
#69
Atrazine
Concen: 6.452 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion:200 Resp: 22228
Ion Ratio Lower Upper
200 100
173 26.4 7.1 47.1
215 49.2 30.4 70.4

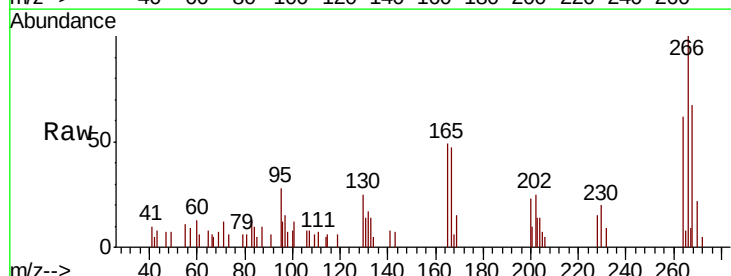


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

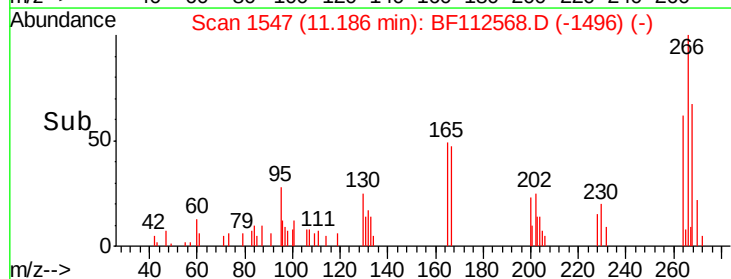
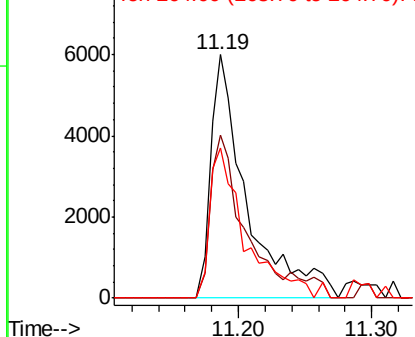


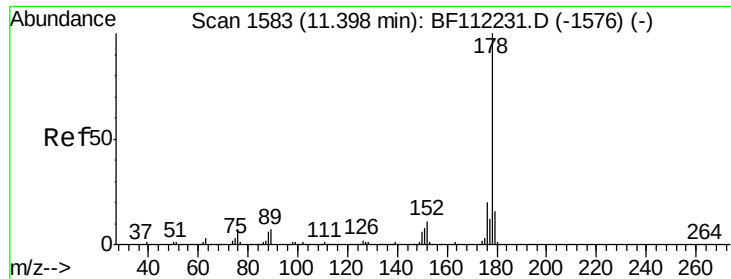
#70
Pentachlorophenol
Concen: 7.266 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:266 Resp: 11303
Ion Ratio Lower Upper
266 100
268 66.9 51.2 76.8
264 61.8 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

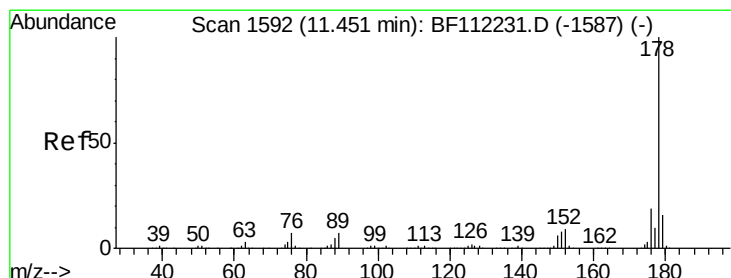
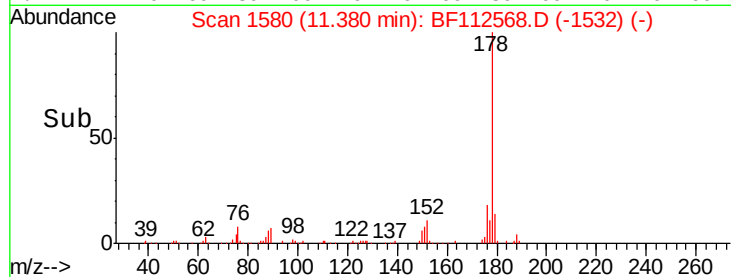
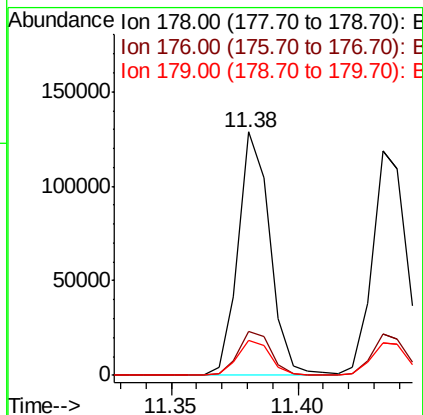
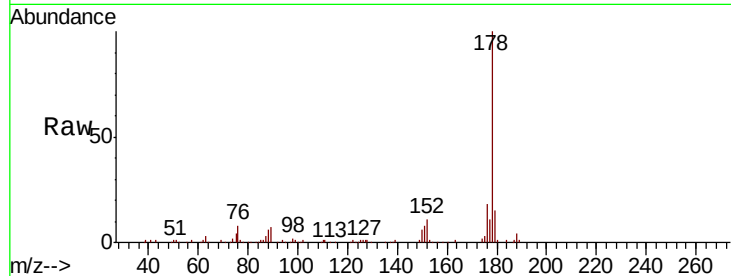




#71
Phenanthrene
Concen: 6.837 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

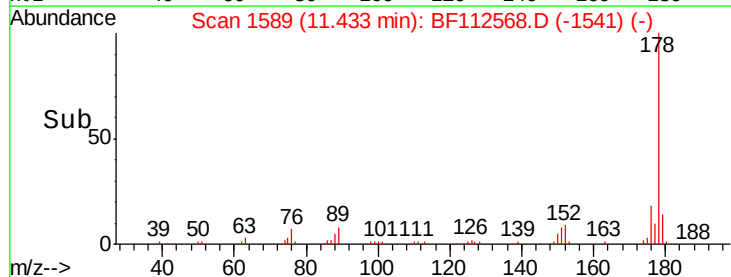
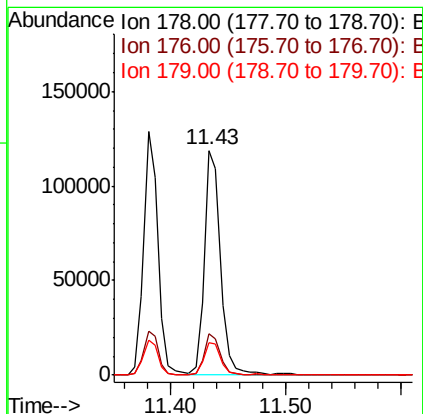
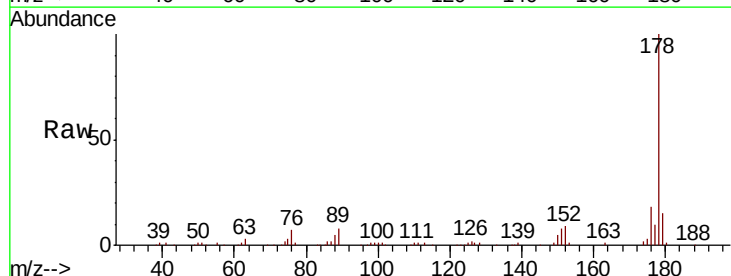
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

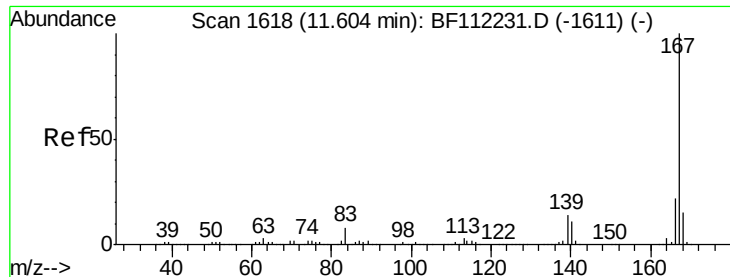
Tot Ion:178 Resp: 112608
Ion Ratio Lower Upper
178 100
176 18.1 16.3 24.5
179 14.6 13.0 19.4



#72
Anthracene
Concen: 7.153 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:178 Resp: 117358
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 14.6 12.8 19.2

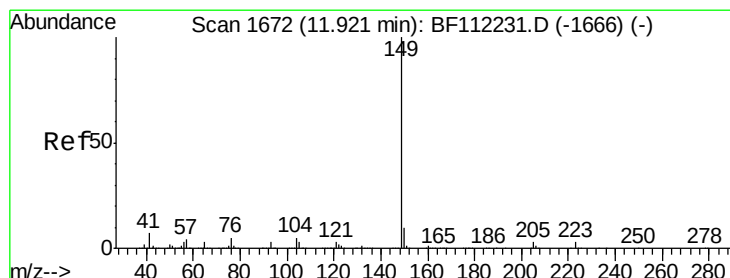
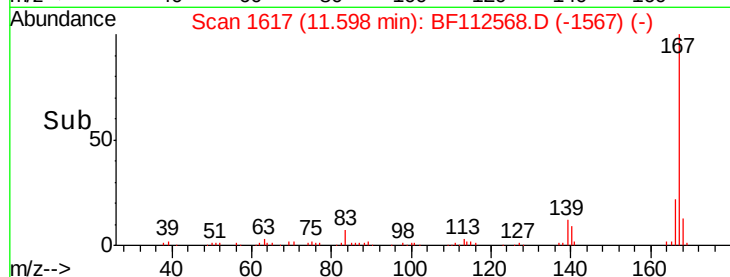
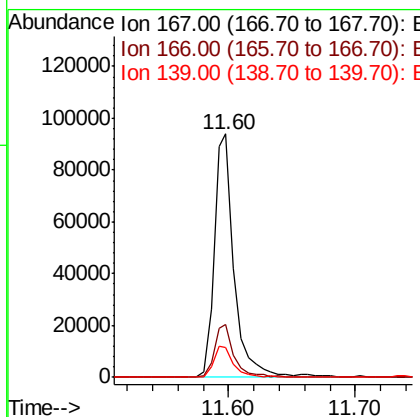
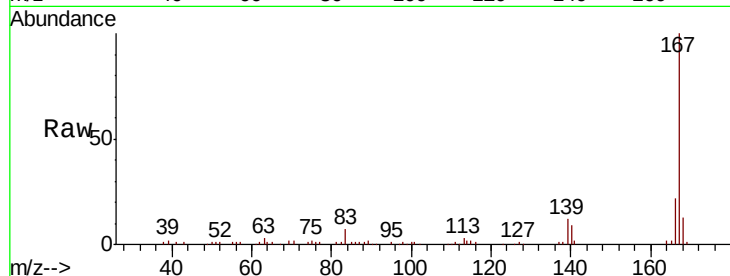




#73
 Carbazole
 Concen: 6.386 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

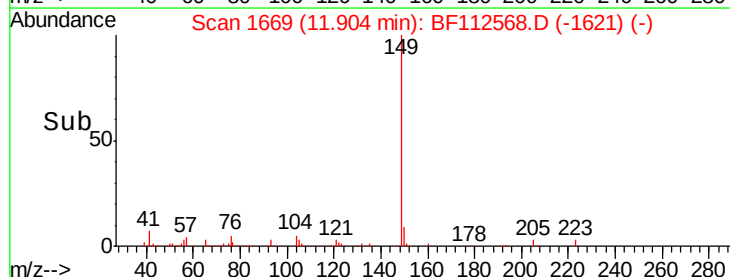
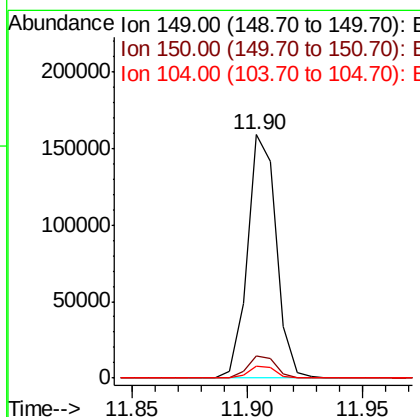
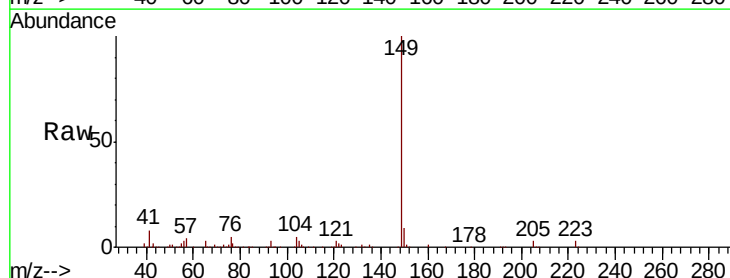
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

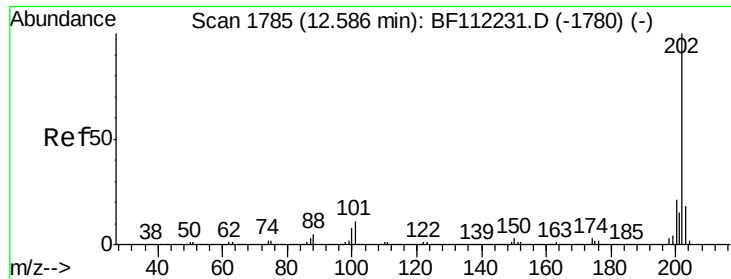
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.2	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 6.910 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	5.1	3.9	5.9

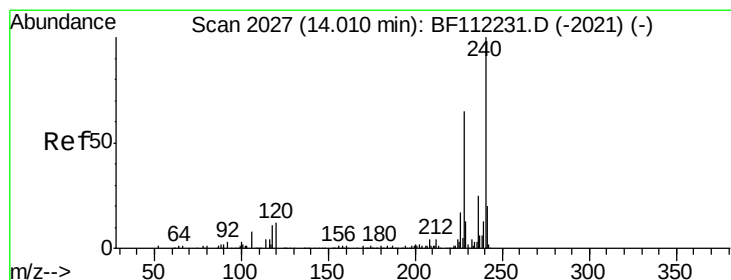
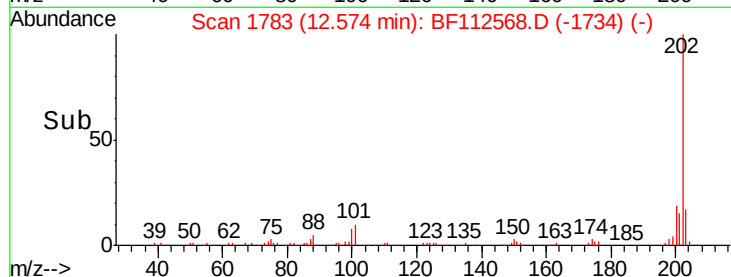
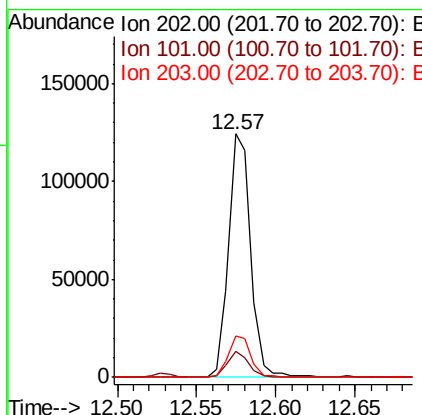
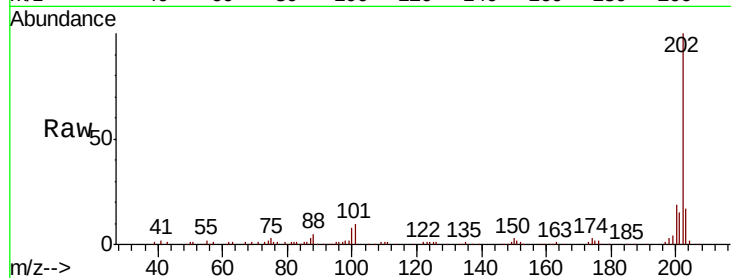




#75
 Fluoranthene
 Concen: 6.803 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

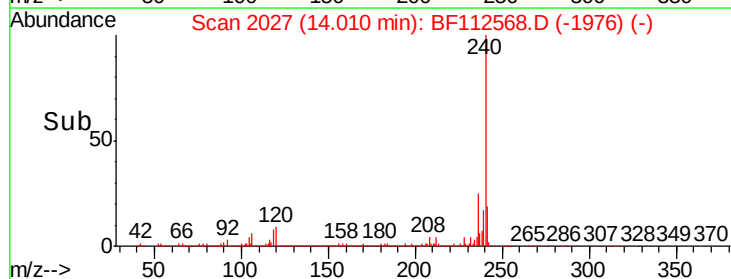
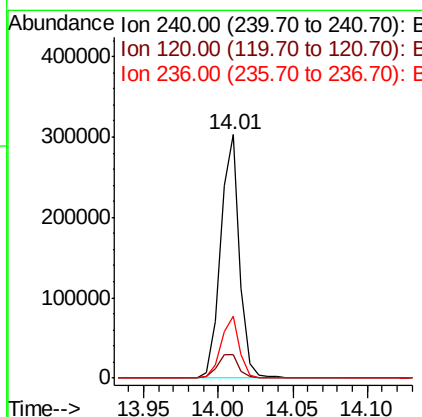
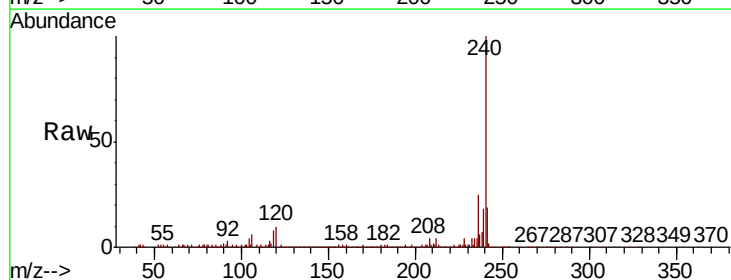
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-AMS

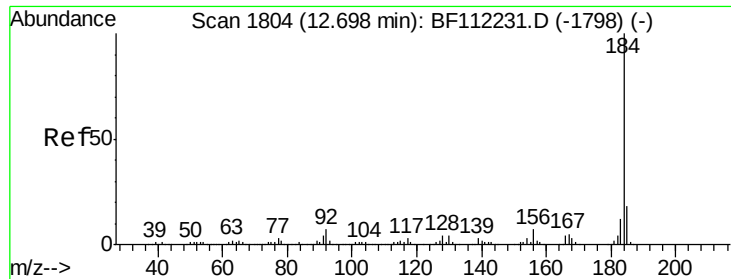
Tot Ion:	202	Resp:	120177
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.8
203	16.9	0.0	38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112568.D
 Acq: 14 Feb 2019 15:25

Tgt Ion:	240	Resp:	268817
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.0	13.6
236	25.2	20.7	31.1





#77

Benzidine

Concen: 7.763 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

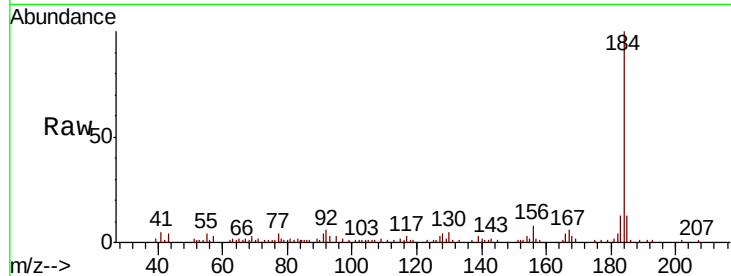
Tot Ion:184 Resp: 57437

Ion Ratio Lower Upper

184 100

185 13.0 13.9 20.9#

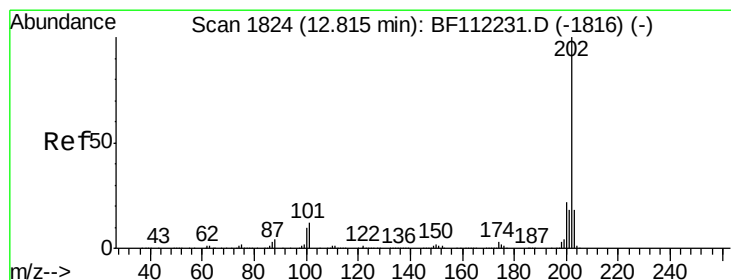
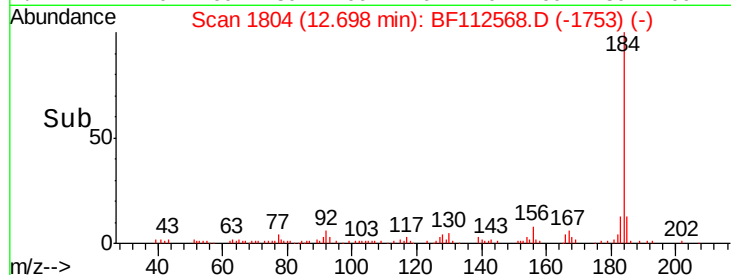
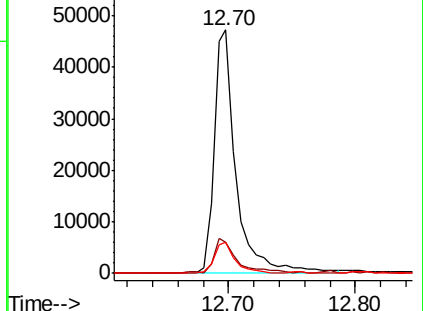
183 12.8 10.0 15.0



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: 6.523 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

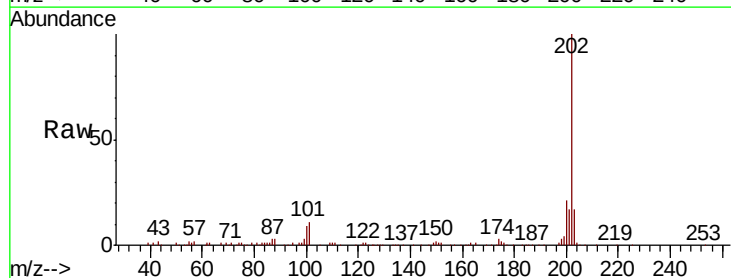
Tgt Ion:202 Resp: 121402

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

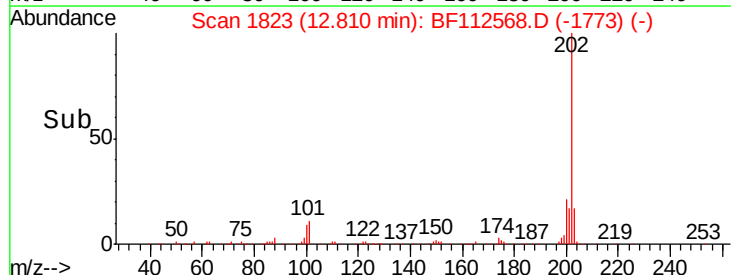
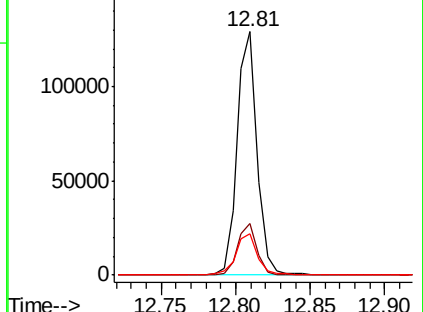
203 16.9 14.6 22.0

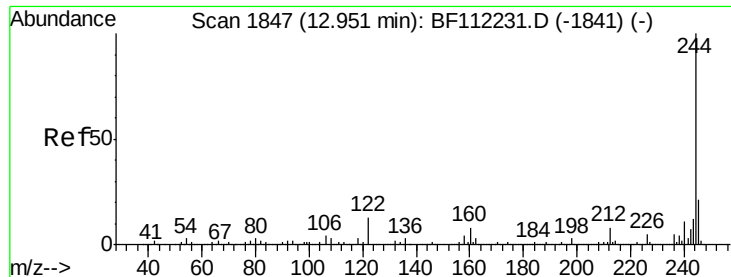


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 14.405 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

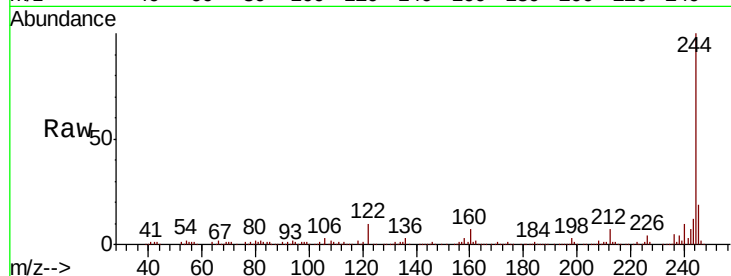
Tot Ion:244 Resp: 205597

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

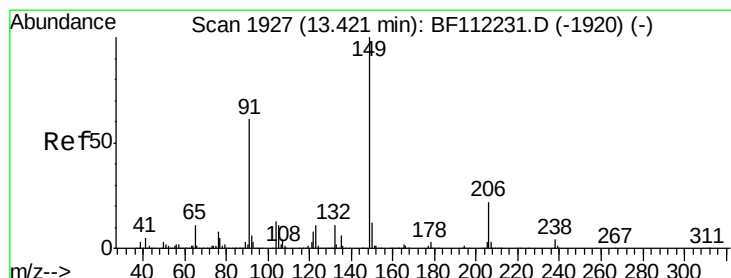
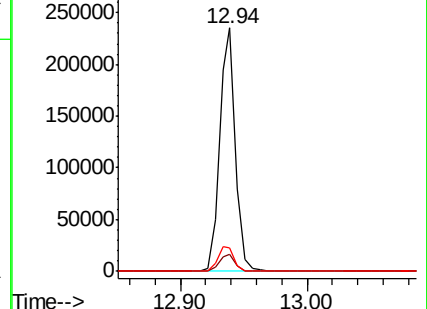
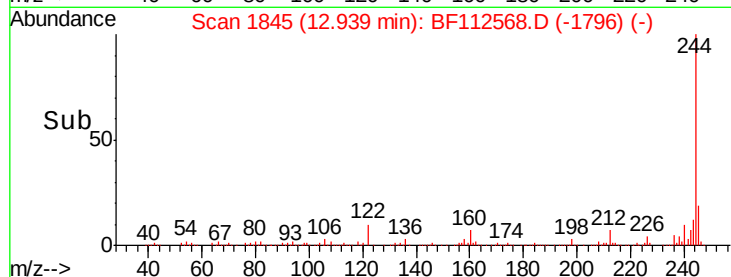
122 9.8 9.8 14.6



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: 6.458 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

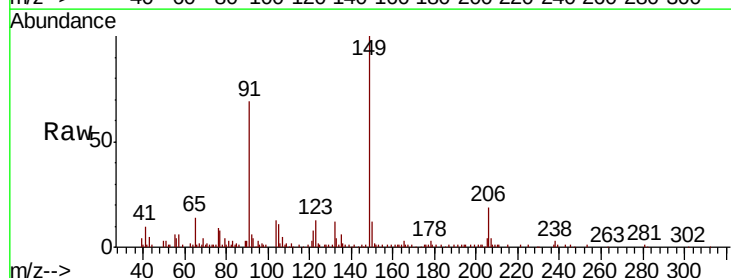
Tgt Ion:149 Resp: 58149

Ion Ratio Lower Upper

149 100

91 69.3 50.3 75.5

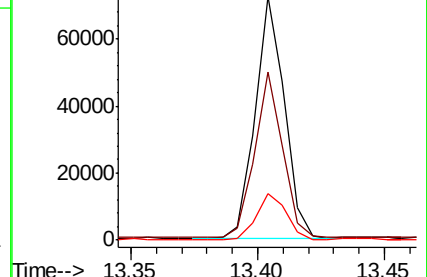
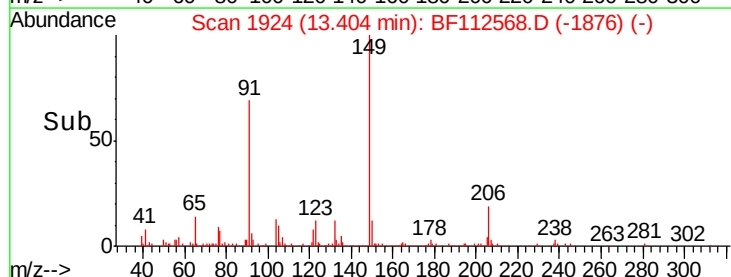
206 19.1 18.2 27.4

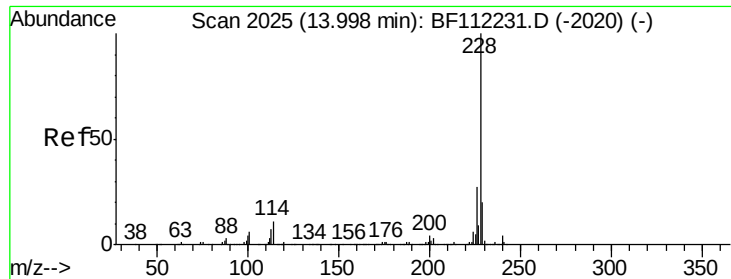


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

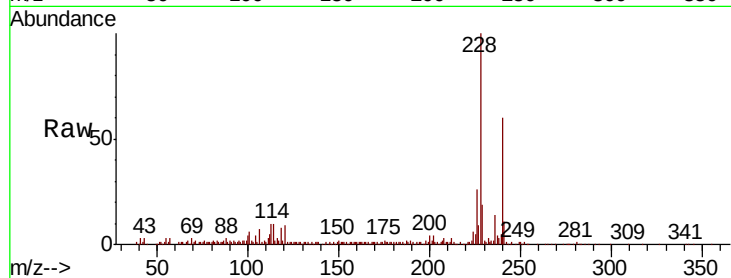




#81
Benzo(a)anthracene
Concen: 6.509 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	34.0
229	19.4	16.5	24.7

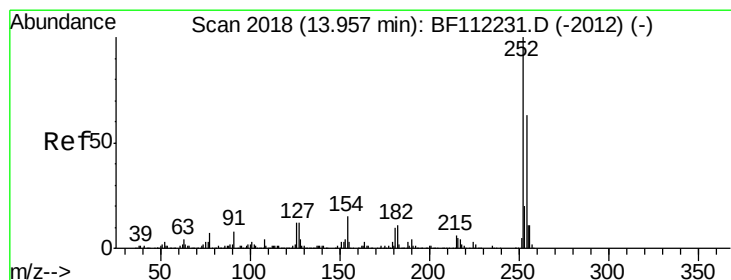
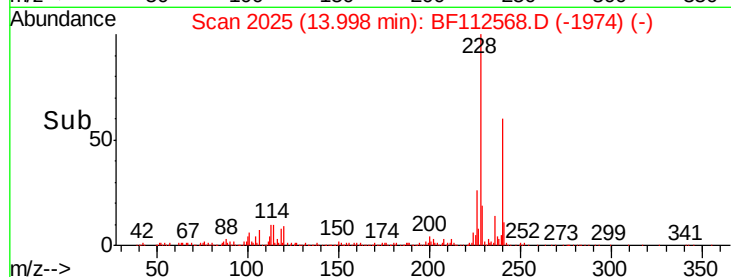
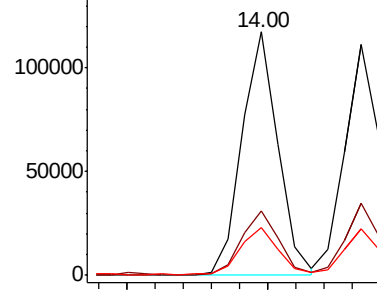


Abundance

Ion 228.00 (227.70 to 228.70): E

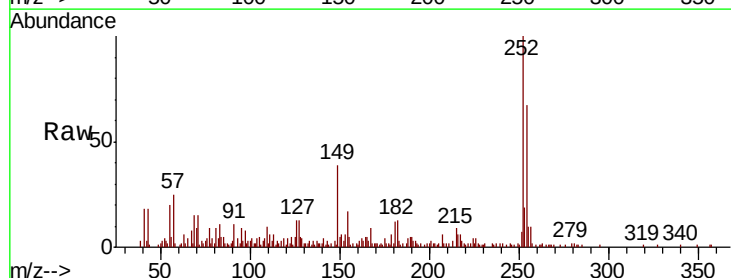
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 4.941 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.0	51.6	77.4
126	12.7	8.6	12.8

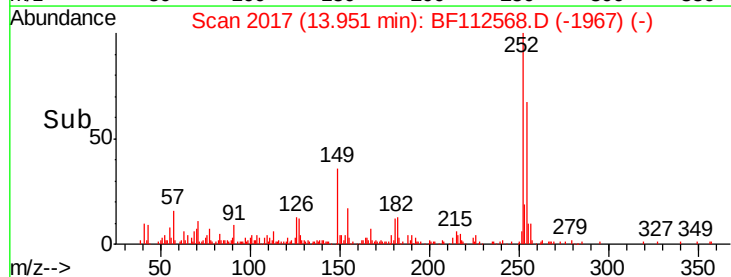
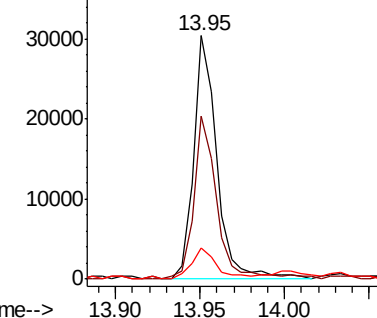


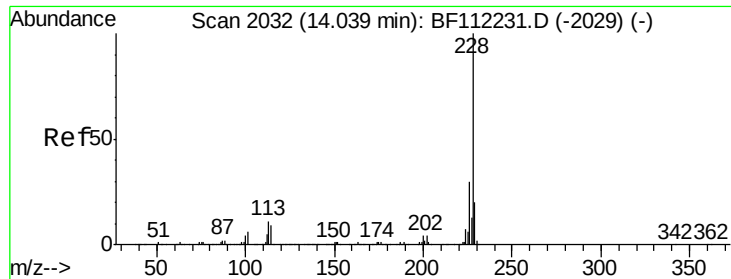
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

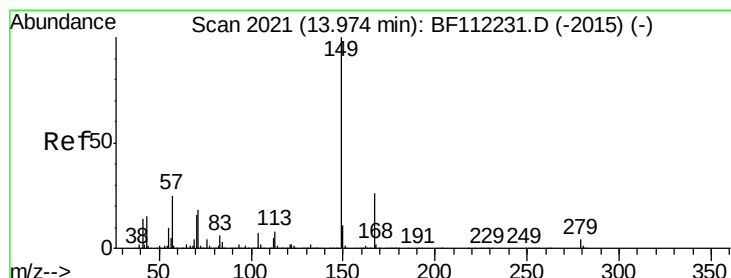
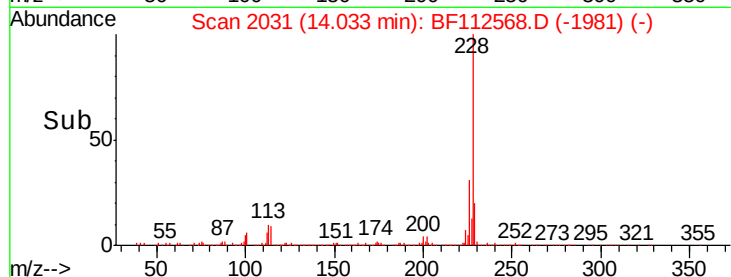
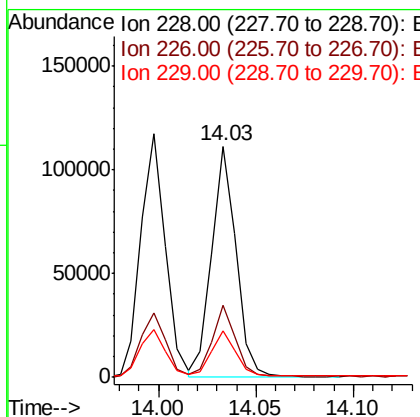
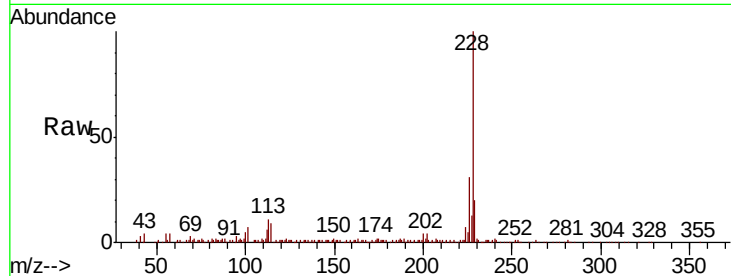




#83
Chrysene
Concen: 6.418 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

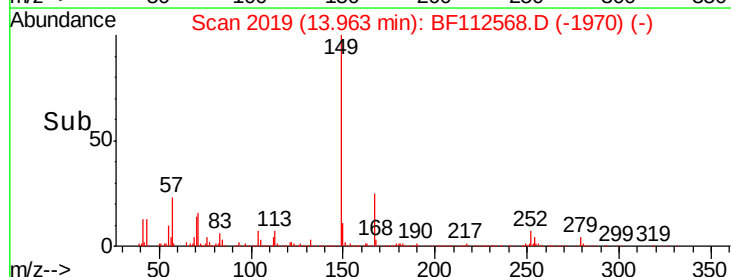
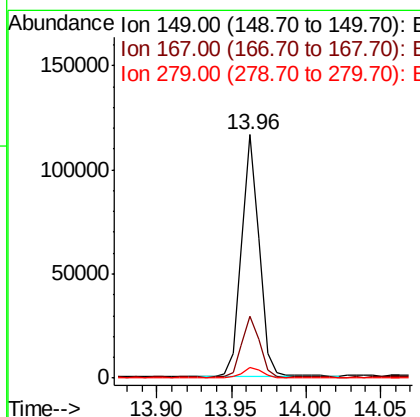
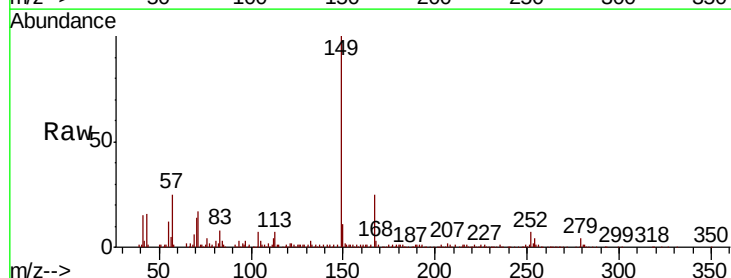
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

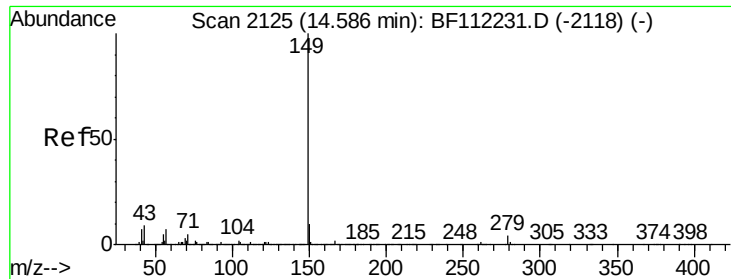
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.1	16.6	24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.539 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.5	33.7
279	4.2	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 7.001 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

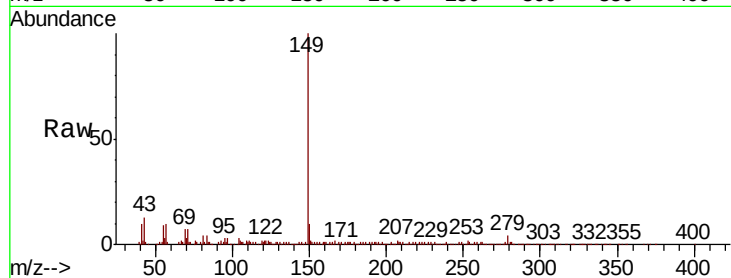
Tot Ion:149 Resp: 137671

Ion Ratio Lower Upper

149 100

167 2.2 1.3 1.9#

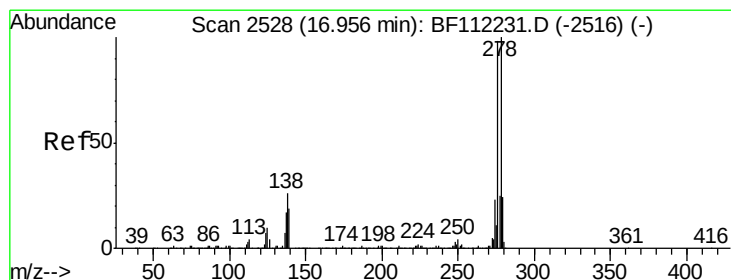
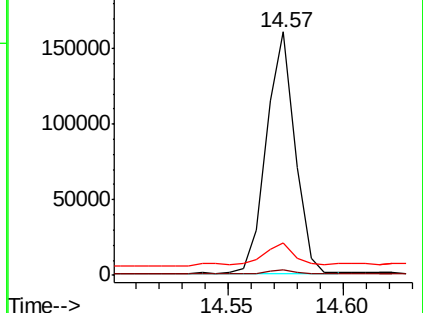
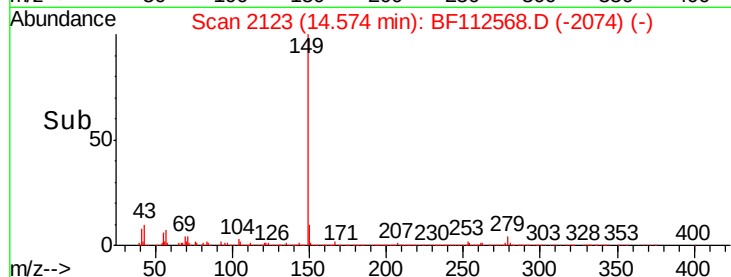
43 12.1 7.8 11.6#



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: 5.876 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

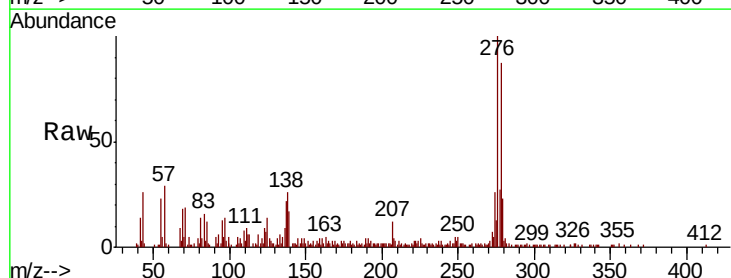
Tgt Ion:276 Resp: 70234

Ion Ratio Lower Upper

276 100

138 29.1 22.6 34.0

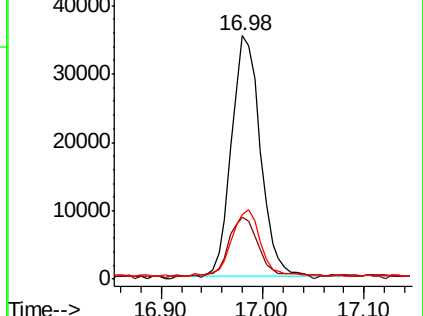
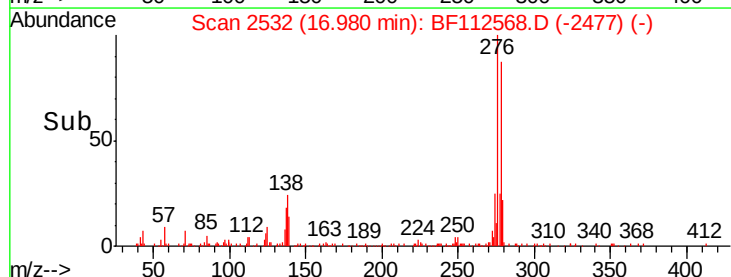
277 27.8 20.3 30.5

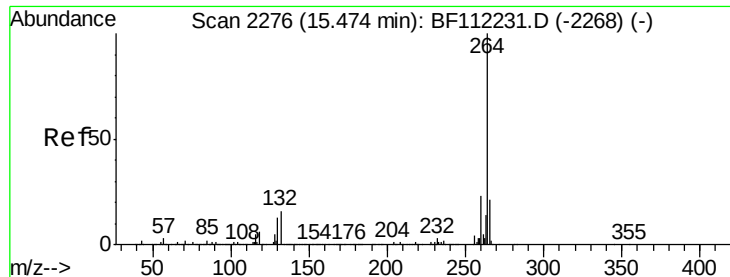


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

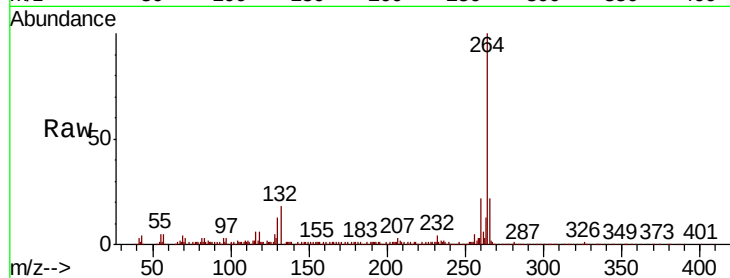
Tot Ion:264 Resp: 206053

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

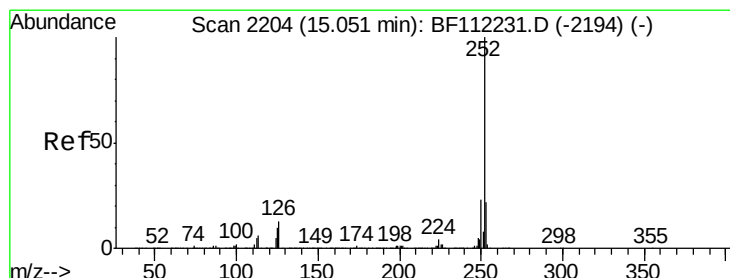
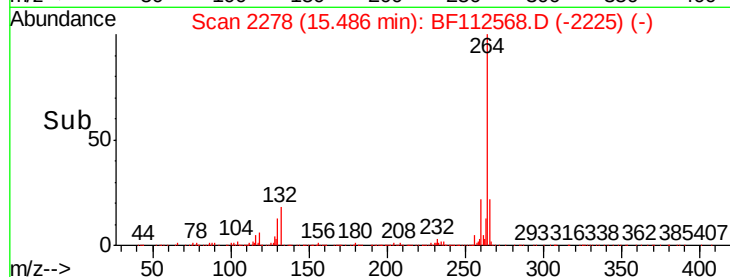
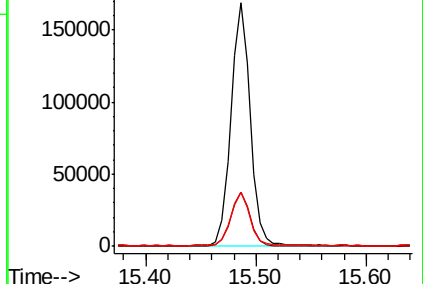
265 22.3 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 6.929 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

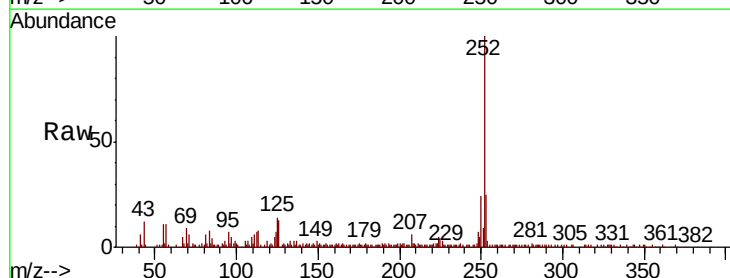
Tgt Ion:252 Resp: 85390

Ion Ratio Lower Upper

252 100

253 25.4 18.0 27.0

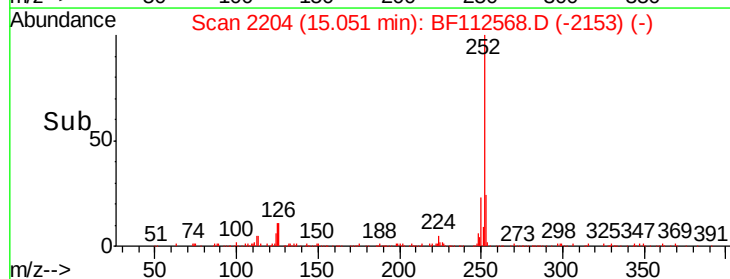
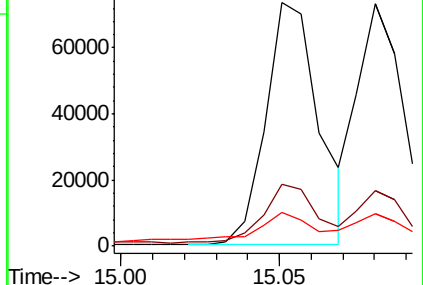
125 13.7 8.7 13.1#

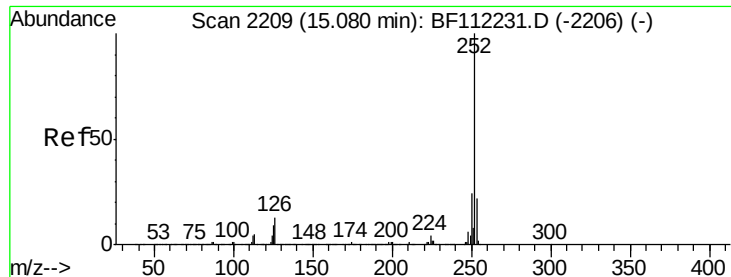


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

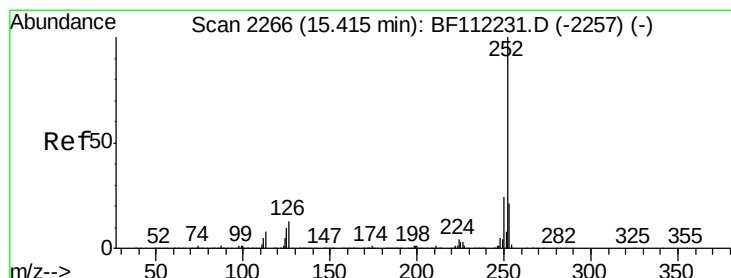
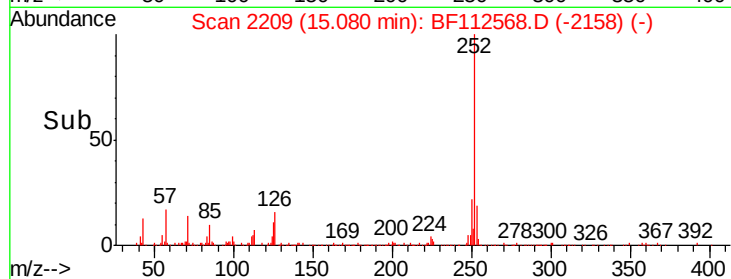
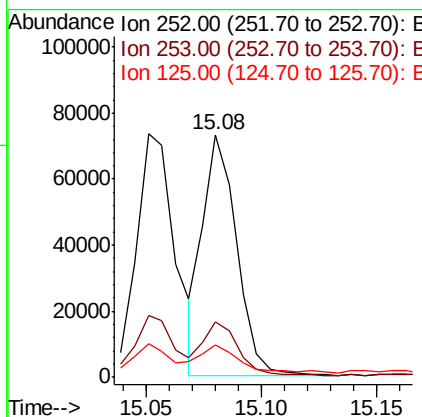
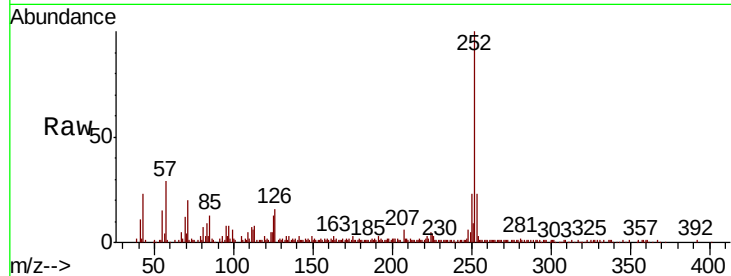




#89
Benzo(k)fluoranthene
Concen: 6.302 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

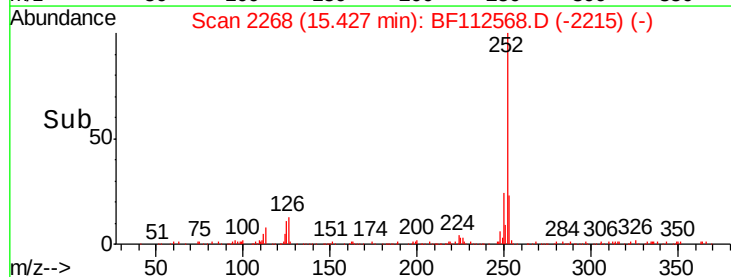
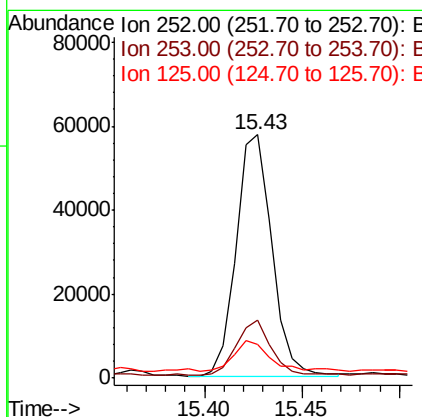
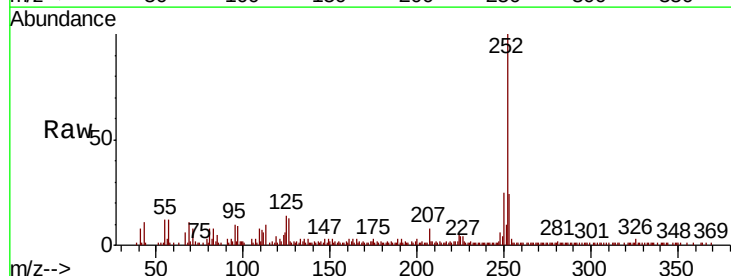
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-AMS

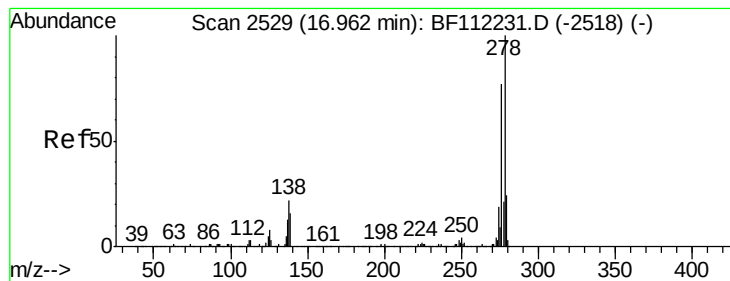
Tot Ion:252 Resp: 74383
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 13.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 6.600 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF112568.D
Acq: 14 Feb 2019 15:25

Tgt Ion:252 Resp: 73185
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 13.6 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 6.944 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-AMS

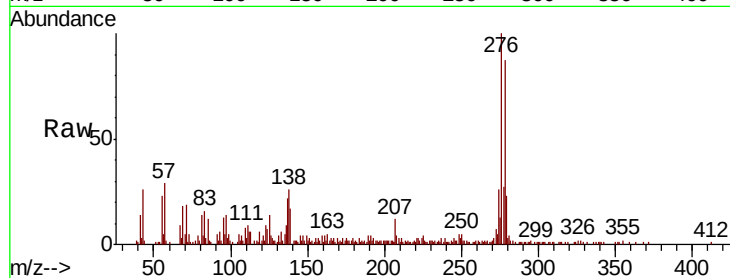
Tot Ion:278 Resp: 62057

Ion Ratio Lower Upper

278 100

139 19.1 13.7 20.5

279 27.1 19.0 28.6

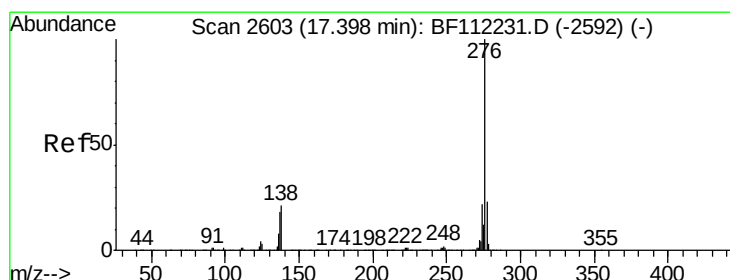
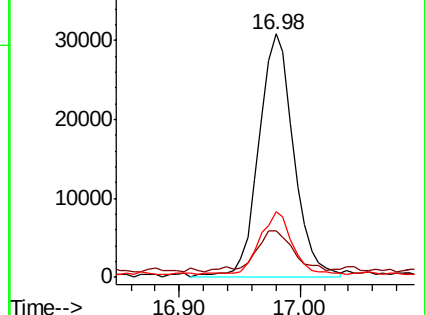
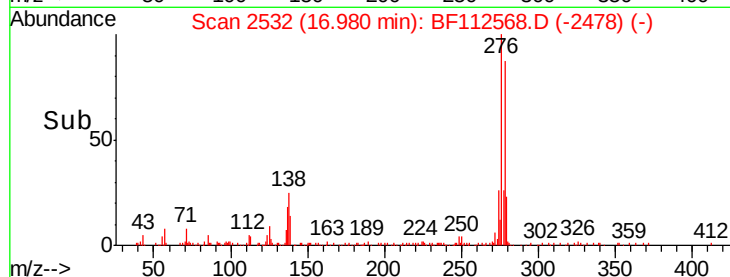


Abundance

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: 6.766 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.04 min

Lab File: BF112568.D

Acq: 14 Feb 2019 15:25

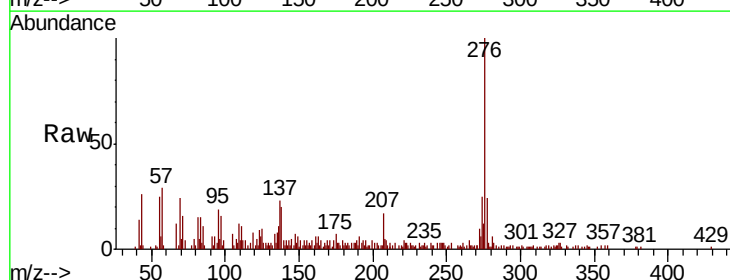
Tgt Ion:276 Resp: 57045

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 19.9 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

