

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114060.D
 Acq On : 1 May 2019 11:17
 Operator : JU/SJ
 Sample : K2194-01MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Quant Time: May 02 18:28:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126525	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	402125	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	229679	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	408771	20.00	ng	0.00
76) Chrysene-d12	14.07	240	339199	20.00	ng	0.00
87) Perylene-d12	15.57	264	358407	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	368552	49.82	ng	0.00
7) Phenol-d6	6.52	99	424568	45.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	254965	39.15	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	126963	45.38	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	481131	32.76	ng	0.00
79) Terphenyl-d14	13.00	244	543594	32.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	43072	12.352	ng	98
3) Pyridine	3.43	79	122027	12.820	ng	96
4) n-Nitrosodimethylamine	3.35	42	46913	14.398	ng	97
6) Aniline	6.55	93	130288	10.223	ng	100
8) 2-Chlorophenol	6.68	128	121313	14.364	ng	97
9) Benzaldehyde	6.44	77	25320	0.568	ng	96
10) Phenol	6.53	94	159609	14.382	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	129516	15.508	ng	96
12) 1,3-Dichlorobenzene	6.83	146	138202	14.448	ng	99
13) 1,4-Dichlorobenzene	6.91	146	150617	15.655	ng	98
14) 1,2-Dichlorobenzene	7.06	146	134363	15.196	ng	97
15) Benzyl Alcohol	7.03	79	105257	16.839	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	138746	14.232	ng	93
17) 2-Methylphenol	7.14	107	98834	13.350	ng	98
18) Hexachloroethane	7.41	117	52023	15.425	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	84201	14.009	ng	95
20) 3+4-Methylphenols	7.29	107	122547	14.651	ng	# 59
22) Acetophenone	7.29	105	169782	18.973	ng	# 93
24) Nitrobenzene	7.47	77	136893	19.023	ng	96
25) Isophorone	7.70	82	232946	17.480	ng	97
26) 2-Nitrophenol	7.79	139	59624	18.161	ng	96
27) 2,4-Dimethylphenol	7.82	122	105047	19.639	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	143252	16.870	ng	100
29) 2,4-Dichlorophenol	8.03	162	105506	17.249	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	118169	17.327	ng	98
31) Naphthalene	8.20	128	345773	18.100	ng	99
32) Benzoic acid	7.82	122	105047	29.081	ng	# 15
33) 4-Chloroaniline	8.24	127	95468	11.811	ng	98
34) Hexachlorobutadiene	8.32	225	74007	17.407	ng	99
35) Caprolactam	8.58	113	32298	16.599	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	102388	16.896	ng	99
37) 2-Methylnaphthalene	8.89	142	238400	18.506	ng	99
38) 1-Methylnaphthalene	8.99	142	219093	17.621	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	120792	16.190	ng	98

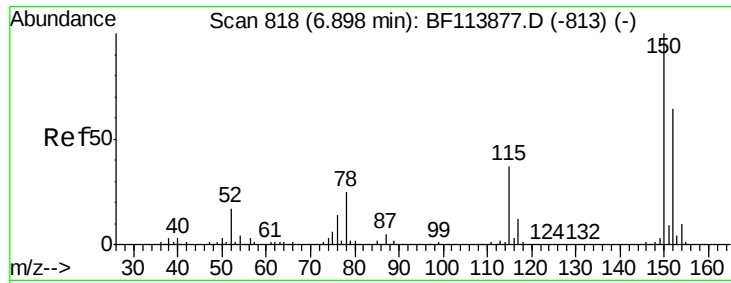
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114060.D
 Acq On : 1 May 2019 11:17
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	14951	3.594	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	74672	15.762	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	78931	14.854	ng	98
46) 1,1'-Biphenyl	9.35	154	289529	16.501	ng	98
47) 2-Chloronaphthalene	9.37	162	230418	16.149	ng	97
48) 2-Nitroaniline	9.46	65	61632	16.477	ng	97
49) Acenaphthylene	9.79	152	378705	16.954	ng	99
50) Dimethylphthalate	9.65	163	365527	22.005	ng	97
51) 2,6-Dinitrotoluene	9.70	165	62732	17.603	ng	97
52) Acenaphthene	9.96	154	220995	16.741	ng	98
53) 3-Nitroaniline	9.87	138	51553	13.767	ng	90
54) 2,4-Dinitrophenol	9.99	184	2355	9.688	ng	# 17
55) Dibenzofuran	10.13	168	342738	17.332	ng	99
56) 4-Nitrophenol	10.03	139	82151	27.707	ng	94
57) 2,4-Dinitrotoluene	10.11	165	81754	18.175	ng	99
58) Fluorene	10.48	166	272372	18.295	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	69687	14.923	ng	# 95
60) Diethylphthalate	10.34	149	276478	17.527	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	141150	17.902	ng	98
62) 4-Nitroaniline	10.48	138	55455	15.175	ng	93
63) Azobenzene	10.63	77	241467	15.795	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	8022	10.938	ng	# 58
66) n-Nitrosodiphenylamine	10.58	169	230523	18.795	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	90656	18.358	ng	96
68) Hexachlorobenzene	11.03	284	93008	17.140	ng	97
69) Atrazine	11.10	200	80905	20.277	ng	97
70) Pentachlorophenol	11.23	266	85582	27.855	ng	97
71) Phenanthrene	11.44	178	443202	21.574	ng	98
72) Anthracene	11.49	178	402521	19.403	ng	99
73) Carbazole	11.65	167	311341	16.822	ng	98
74) Di-n-butylphthalate	11.97	149	407536	18.719	ng	98
75) Fluoranthene	12.63	202	537353	23.975	ng	96
77) Benzidine	12.76	184	75516	7.472	ng	96
78) Pyrene	12.86	202	524301	22.103	ng	98
80) Butylbenzylphthalate	13.47	149	163044	17.470	ng	97
81) Benzo(a)anthracene	14.06	228	467144	23.375	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	87496	11.945	ng	98
83) Chrysene	14.09	228	452800	23.264	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	252680	21.280	ng	99
85) Di-n-octyl phthalate	14.67	149	441710	23.766	ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	338750	18.374	ng	97
88) Benzo(b)fluoranthene	15.13	252	484029	21.345	ng	99
89) Benzo(k)fluoranthene	15.16	252	425453	21.812	ng	97
90) Benzo(a)pyrene	15.50	252	416249	21.222	ng	97
91) Dibenzo(a,h)anthracene	17.09	278	264017	14.340	ng	97
92) Benzo(g,h,i)perylene	17.53	276	276106	14.860	ng	99

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

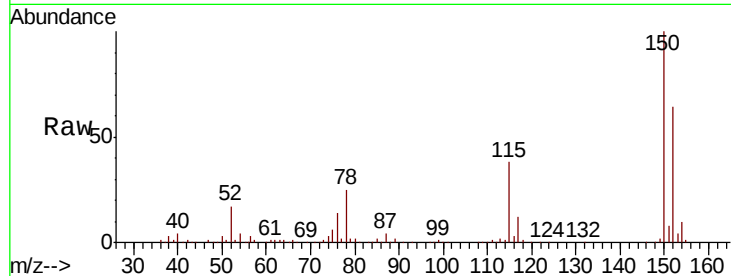


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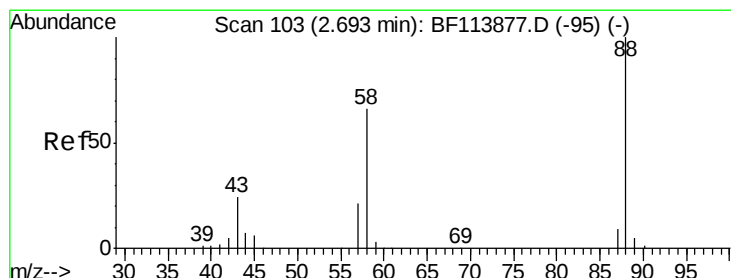
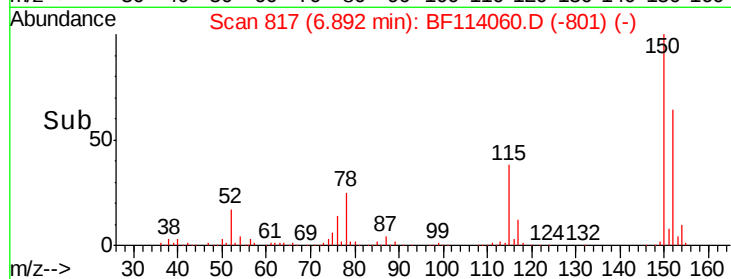
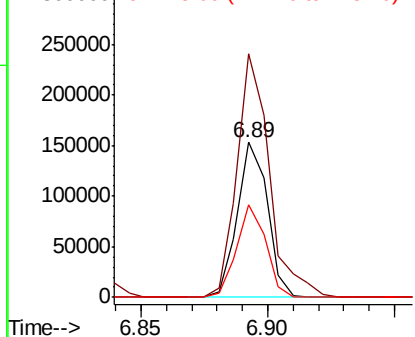
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Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion:152 Resp: 126525
Ion Ratio Lower Upper
152 100
150 157.2 125.9 188.9
115 60.1 45.9 68.9



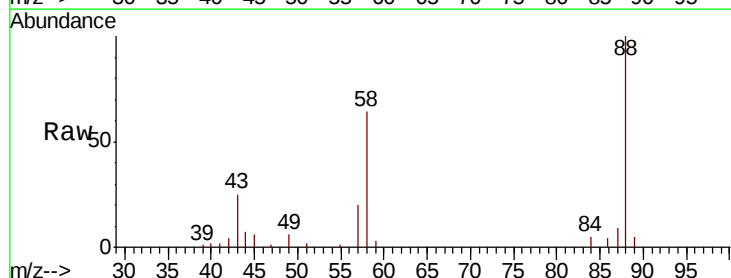
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



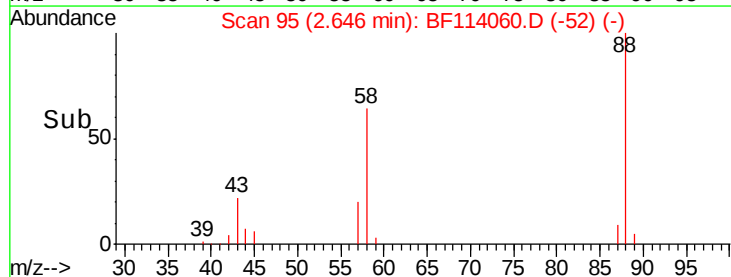
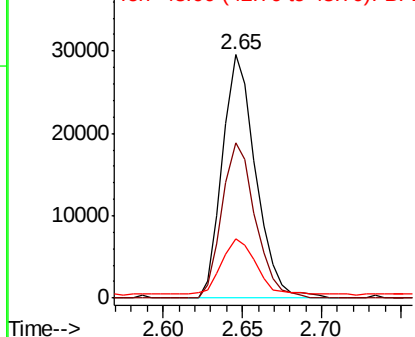
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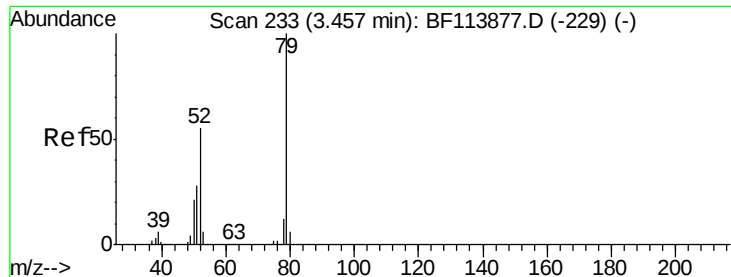
1,4-Dioxane
Concen: 12.352 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.05 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion: 88 Resp: 43072
Ion Ratio Lower Upper
88 100
58 64.1 53.3 79.9
43 23.6 19.0 28.4



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

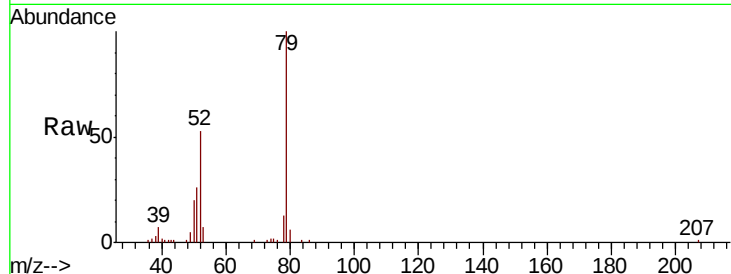




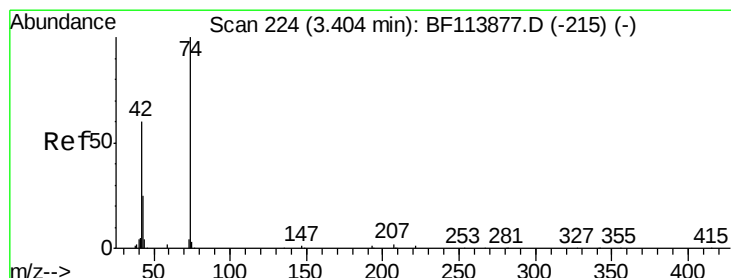
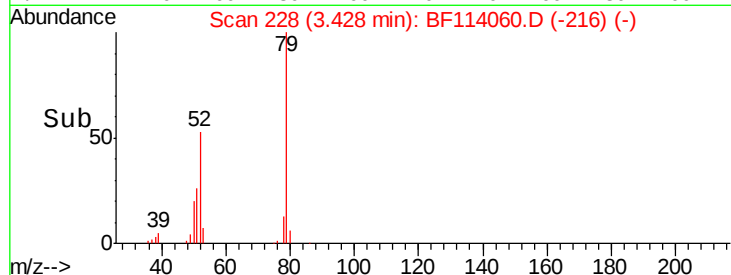
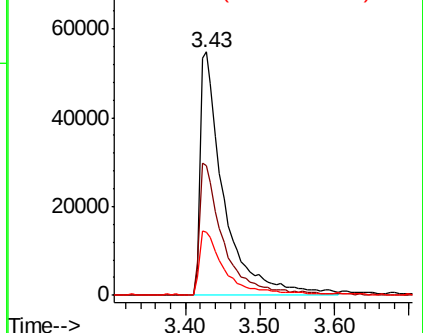
#3
 Pvridine
 Concen: 12.820 ng
 RT: 3.43 min Scan# 228
 Delta R.T. -0.03 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion: 79 Resp: 122027
 Ion Ratio Lower Upper
 79 100
 52 53.4 45.3 67.9
 51 26.1 22.1 33.1

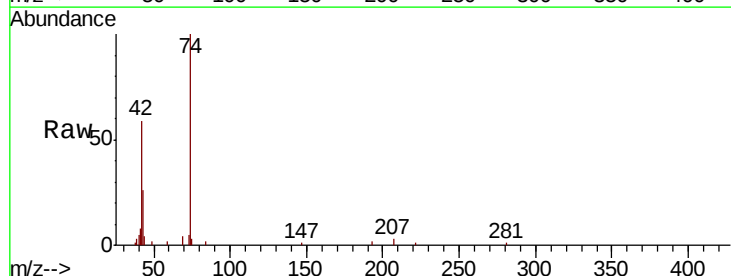


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

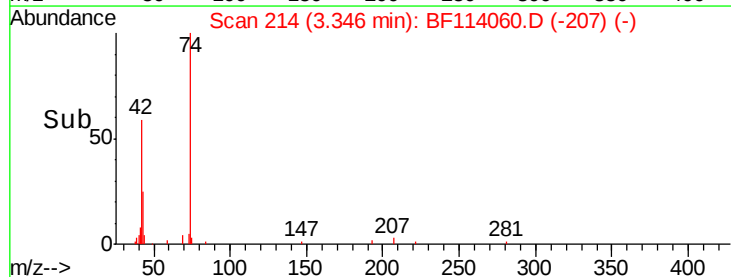
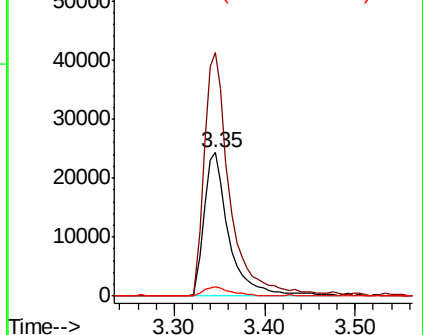


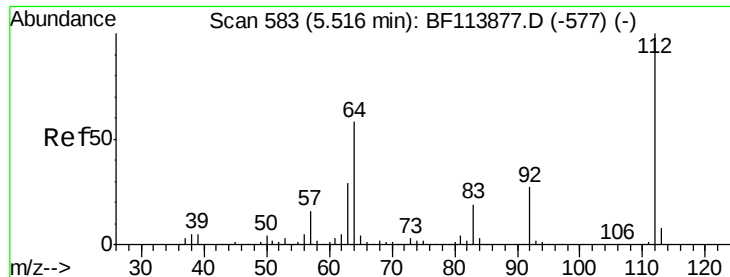
#4
 n-Nitrosodimethylamine
 Concen: 14.398 ng
 RT: 3.35 min Scan# 214
 Delta R.T. -0.06 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Tgt Ion: 42 Resp: 46913
 Ion Ratio Lower Upper
 42 100
 74 169.9 132.6 198.8
 44 6.2 5.8 8.8



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: 49.821 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

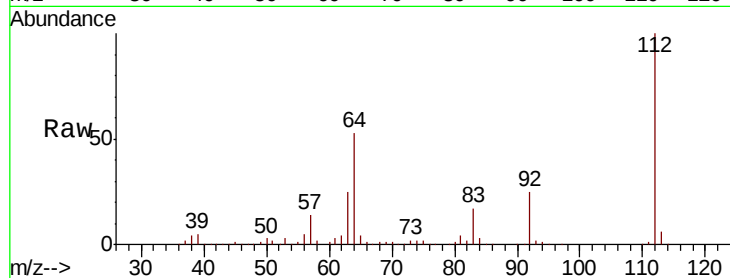
Tot Ion: 112 Resp: 368552

Ion Ratio Lower Upper

112 100

64 52.7 46.6 69.8

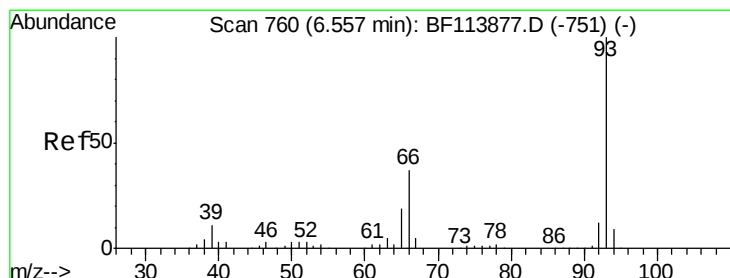
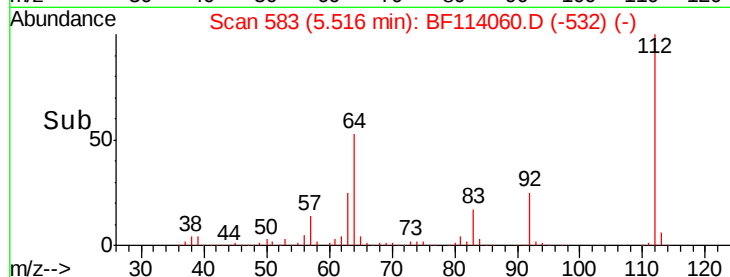
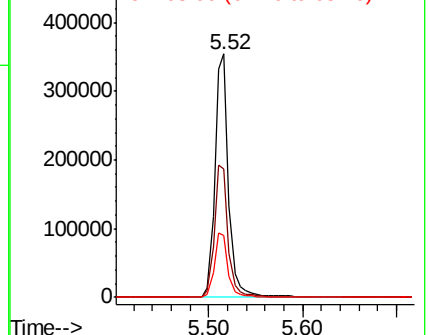
63 25.3 23.1 34.7



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: 10.223 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

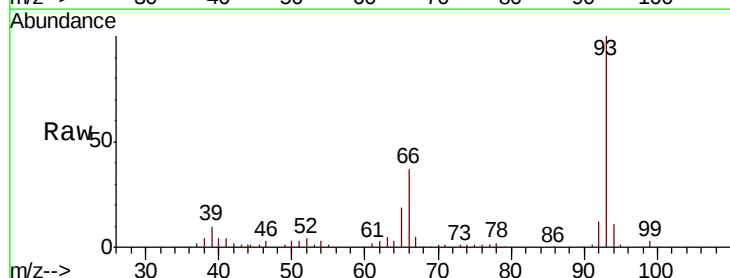
Tgt Ion: 93 Resp: 130288

Ion Ratio Lower Upper

93 100

66 37.3 29.8 44.6

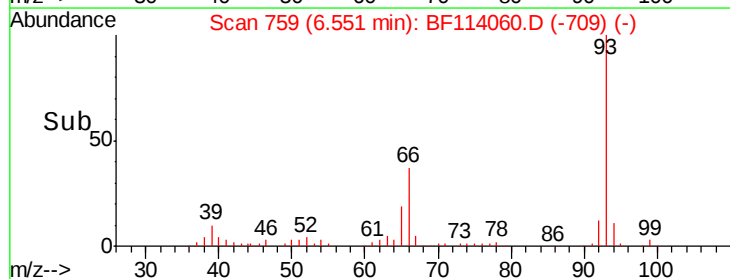
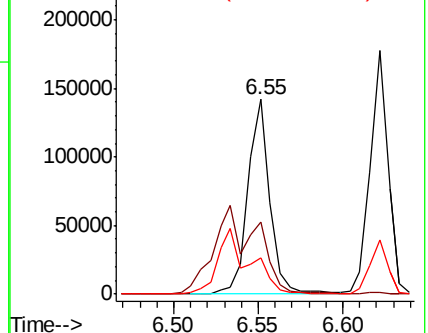
65 19.0 14.9 22.3

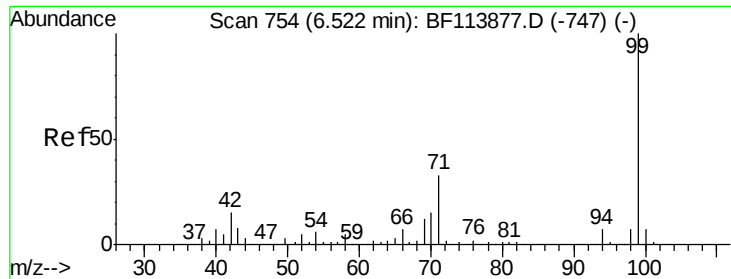


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 45.745 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

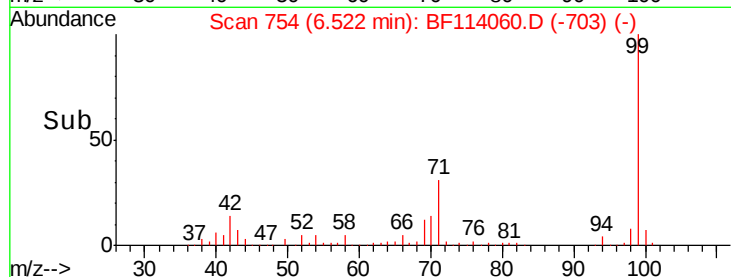
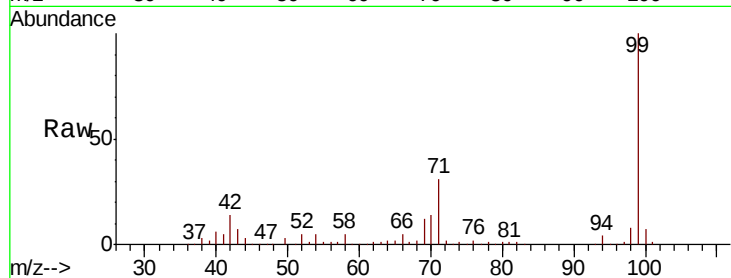
Tot Ion: 99 Resp: 424568

Ion Ratio Lower Upper

99 100

42 13.6 12.5 18.7

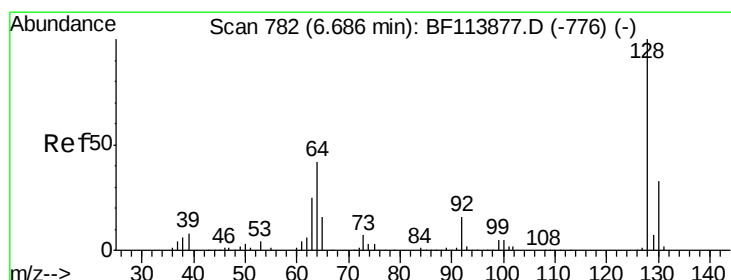
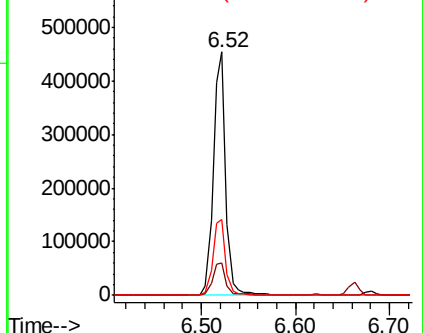
71 31.0 26.9 40.3



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: 14.364 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

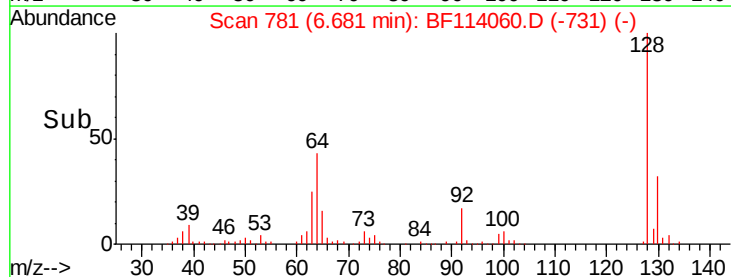
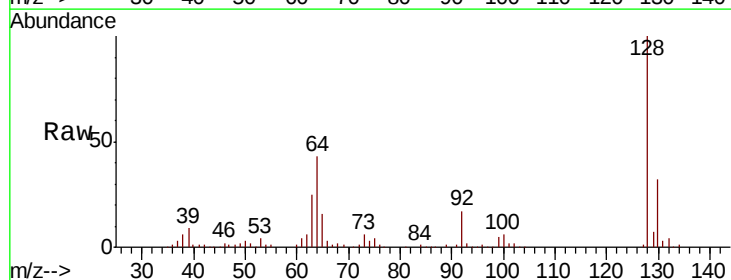
Tgt Ion: 128 Resp: 121313

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

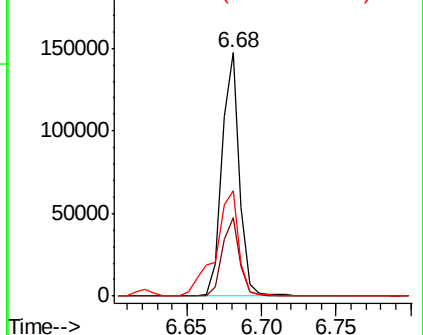
64 43.1 26.1 66.1

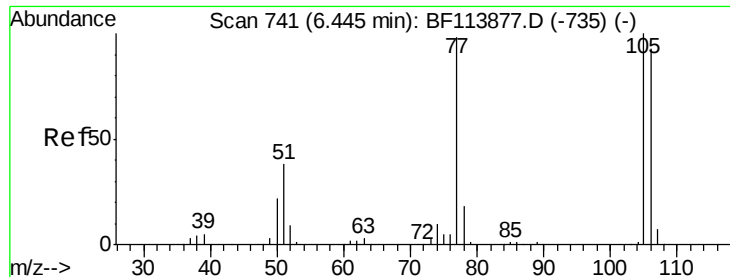


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

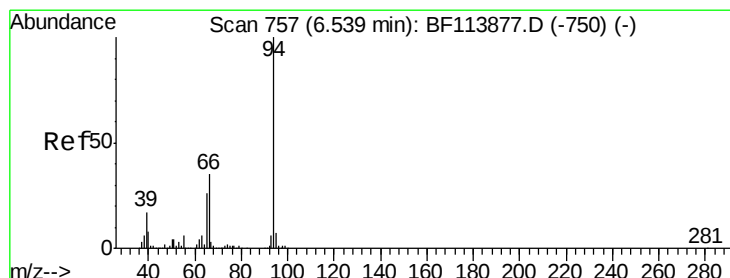
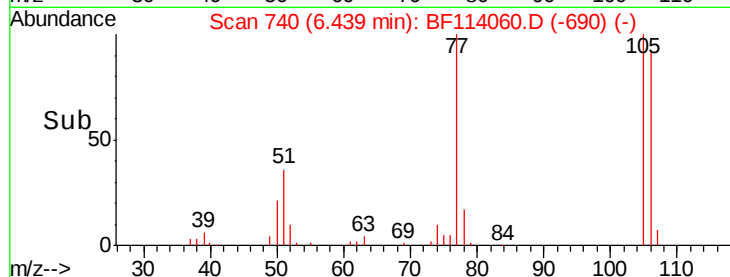
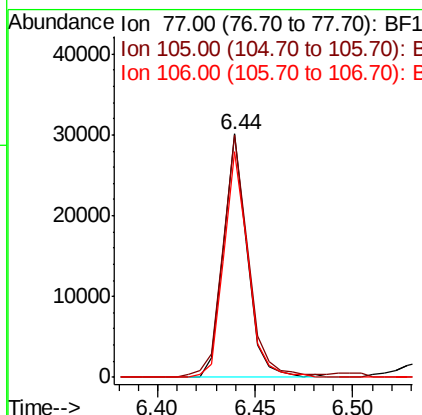
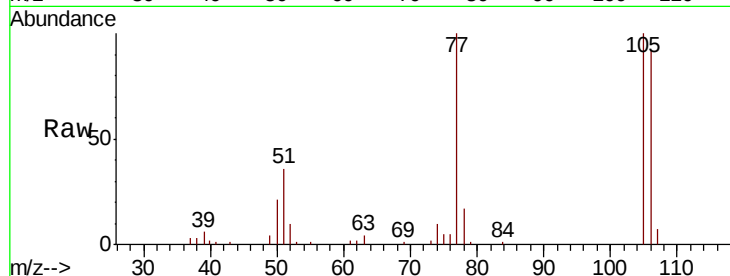




#9
Benzaldehyde
Concen: 0.568 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

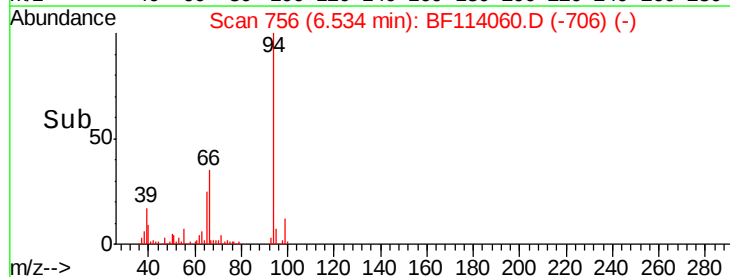
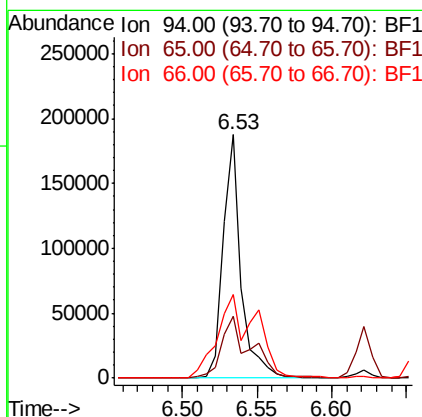
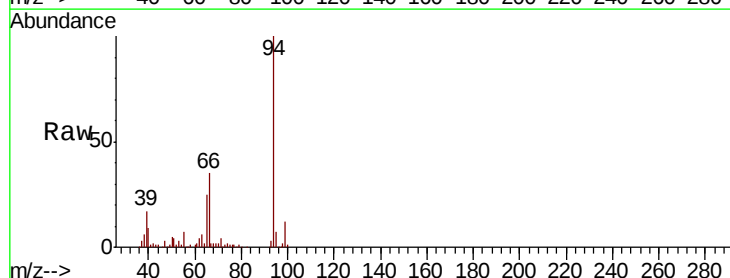
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

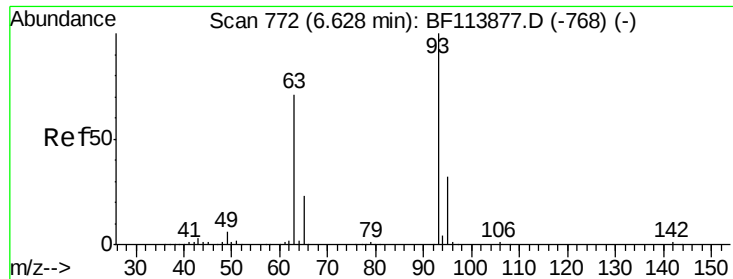
Tot Ion: 77 Resp: 25320
Ion Ratio Lower Upper
77 100
105 99.6 74.1 114.1
106 92.5 70.3 110.3



#10
Phenol
Concen: 14.382 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion: 94 Resp: 159609
Ion Ratio Lower Upper
94 100
65 25.4 8.1 48.1
66 34.5 16.6 56.6





#11

bis(2-Chloroethyl)ether

Concen: 15.508 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

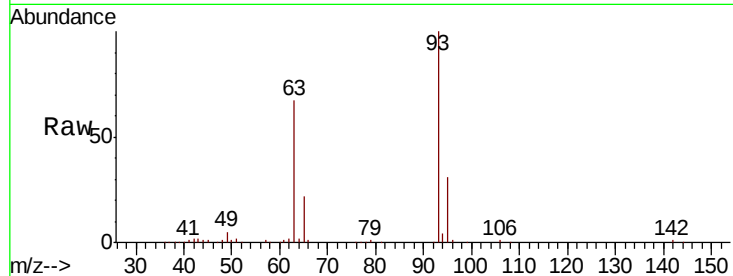
Tot Ion: 93 Resp: 129516

Ion Ratio Lower Upper

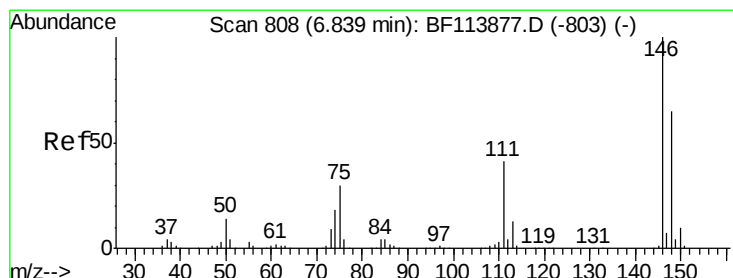
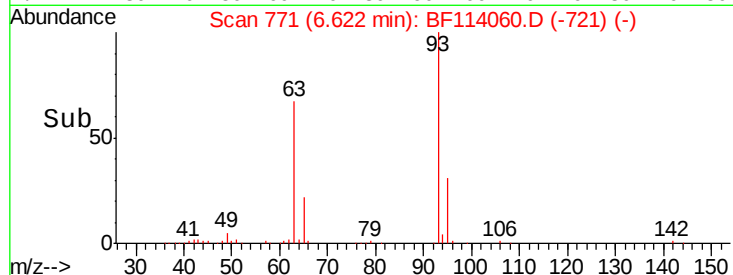
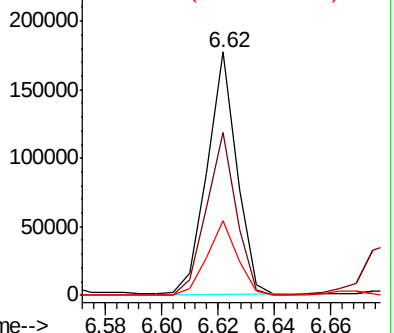
93 100

63 67.1 50.7 90.7

95 30.7 12.3 52.3



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: 14.448 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

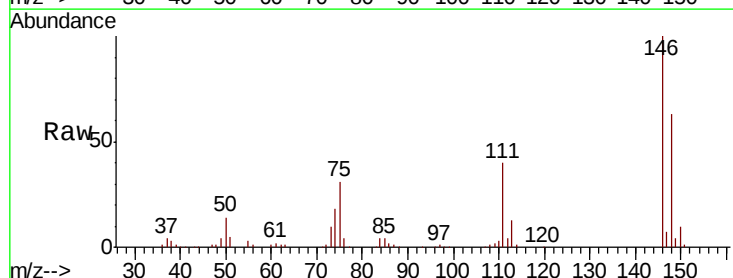
Tgt Ion: 146 Resp: 138202

Ion Ratio Lower Upper

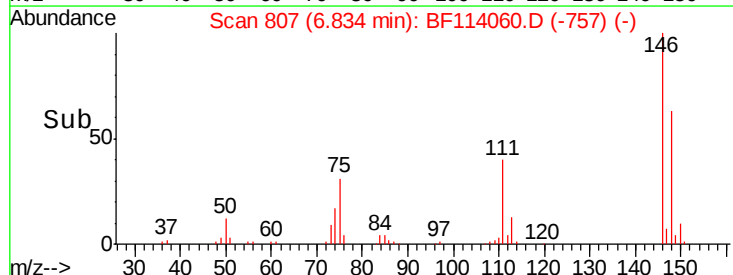
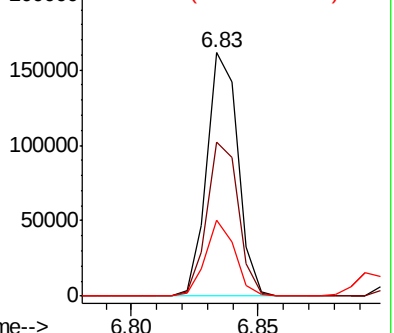
146 100

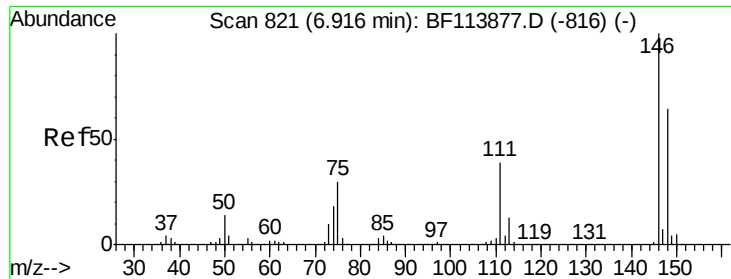
148 63.5 51.0 76.6

75 31.2 23.8 35.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

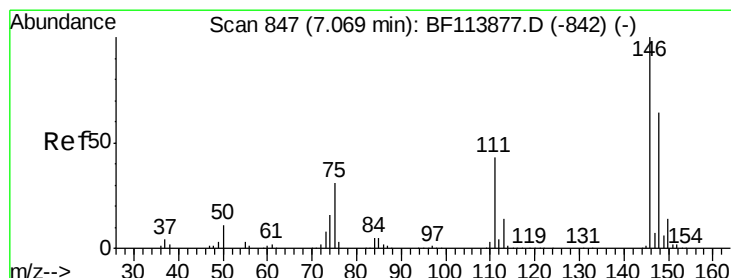
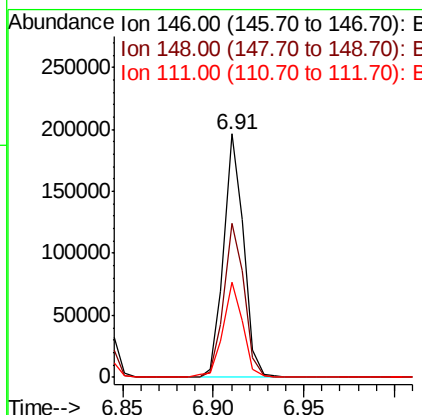
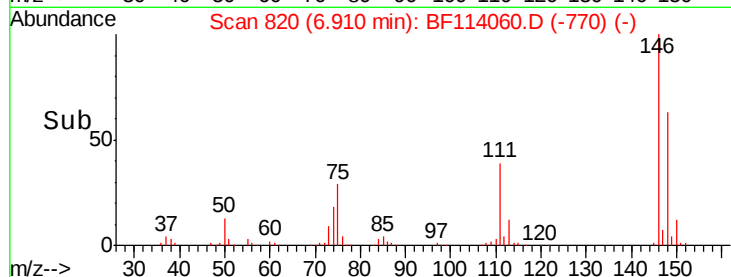
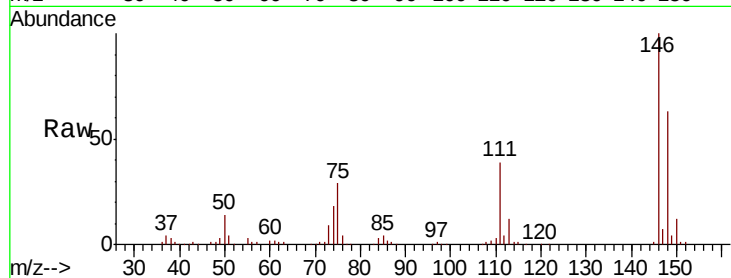




#13
 1,4-Dichlorobenzene
 Concen: 15.655 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

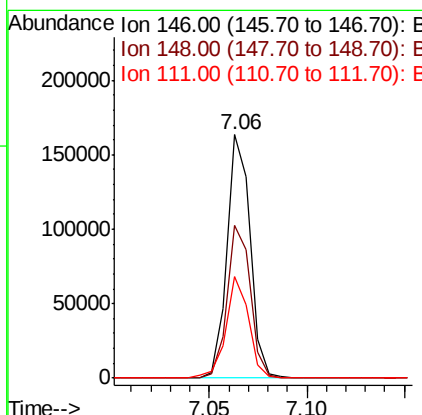
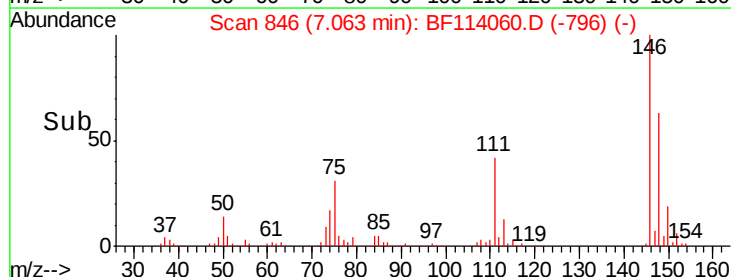
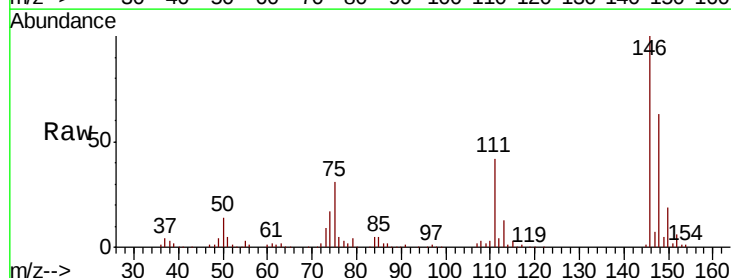
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

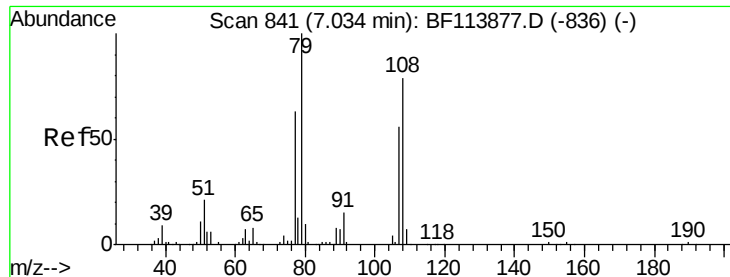
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
111	39.3	30.9	46.3



#14
 1,2-Dichlorobenzene
 Concen: 15.196 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.1	78.1
111	41.6	34.2	51.4





#15

Benzyl Alcohol

Concen: 16.839 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

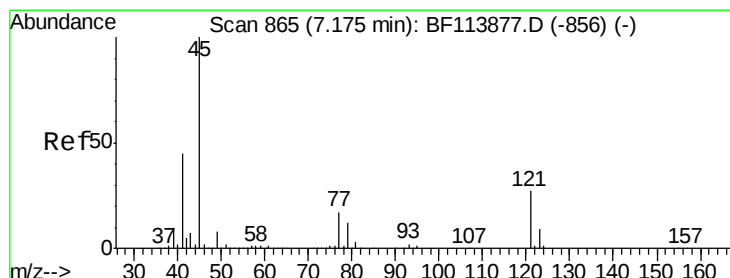
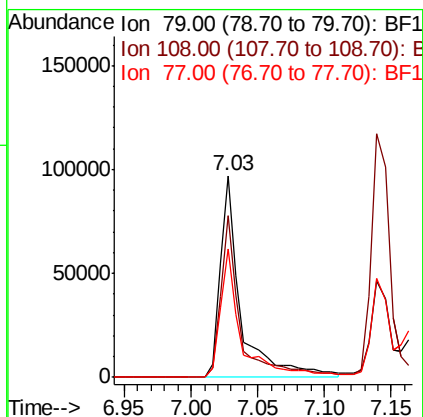
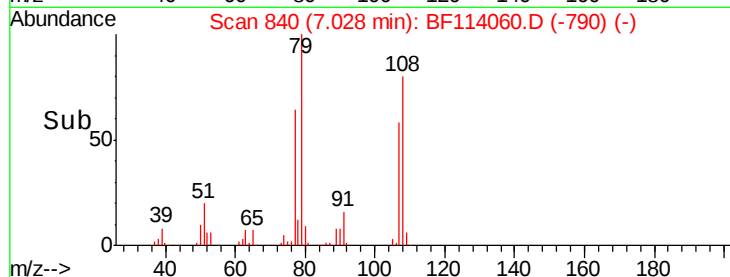
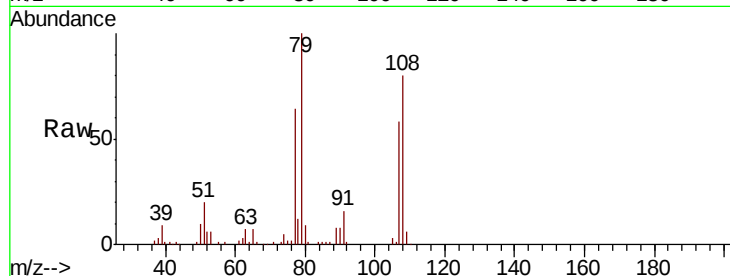
Tot Ion: 79 Resp: 105257

Ion Ratio Lower Upper

79 100

108 80.1 61.4 92.0

77 63.7 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 14.232 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

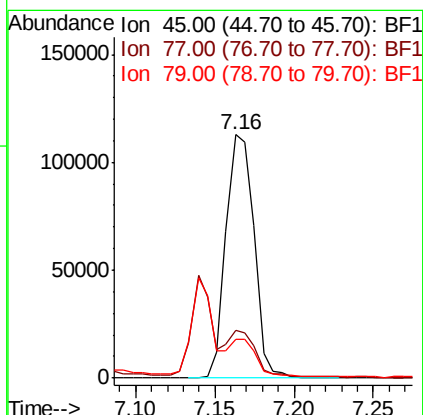
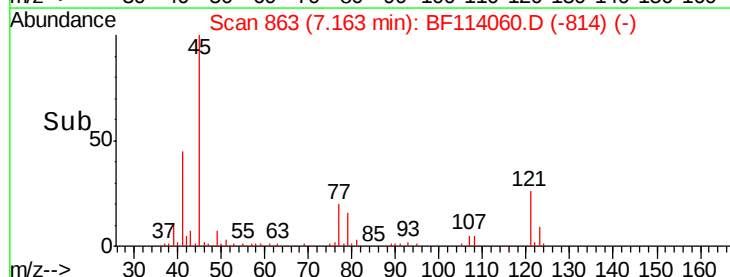
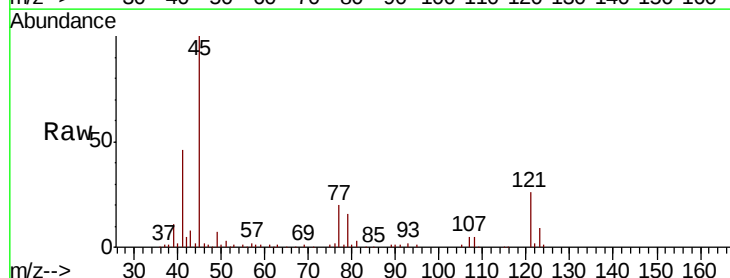
Tgt Ion: 45 Resp: 138746

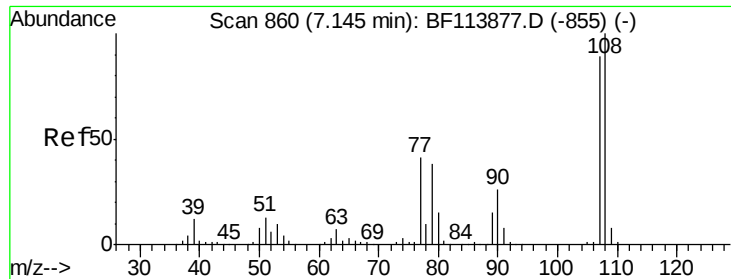
Ion Ratio Lower Upper

45 100

77 19.7 0.0 37.0

79 15.8 0.0 32.7

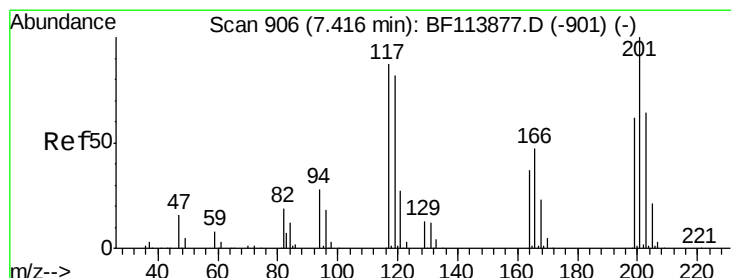
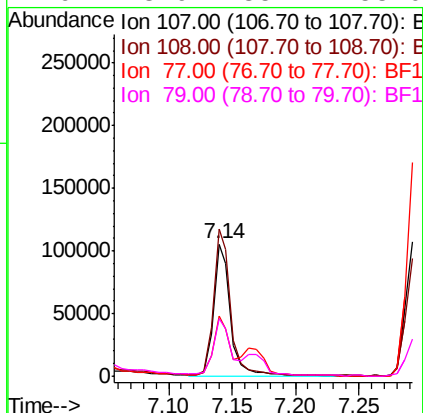
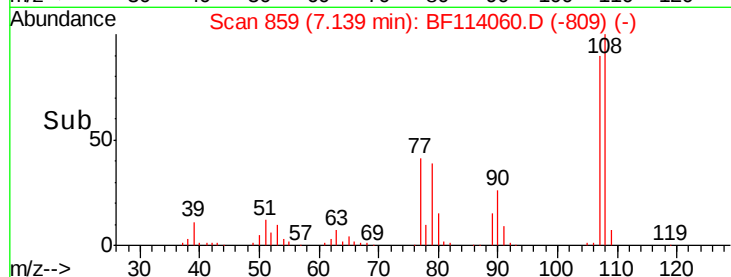
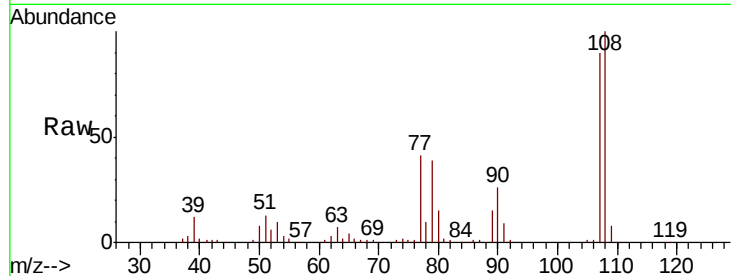




#17
2-Methylphenol
Concen: 13.350 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

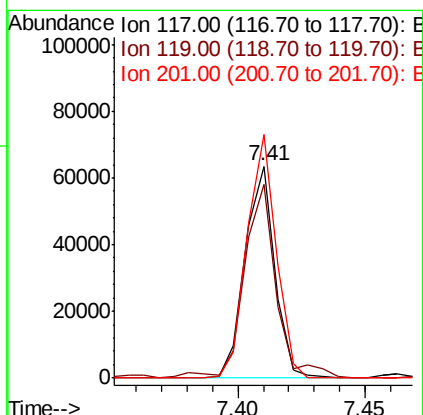
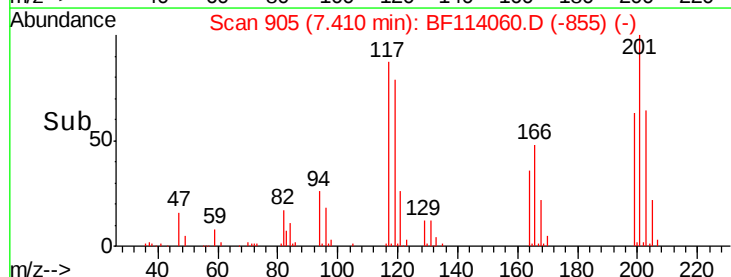
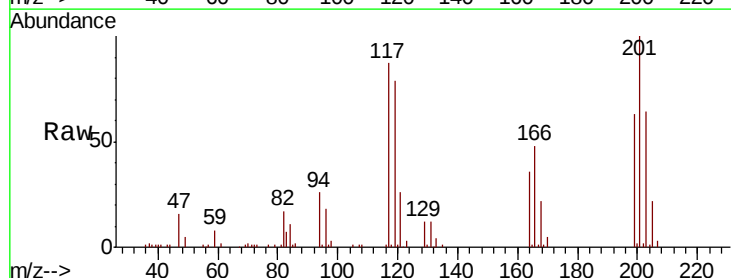
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

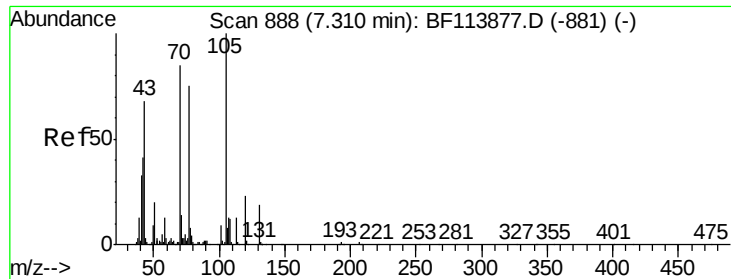
Tot Ion:107 Resp: 98834
Ion Ratio Lower Upper
107 100
108 111.3 91.5 137.3
77 45.2 36.2 54.4
79 43.9 35.4 53.0



#18
Hexachloroethane
Concen: 15.425 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:117 Resp: 52023
Ion Ratio Lower Upper
117 100
119 91.1 74.4 111.6
201 114.7 90.2 135.2

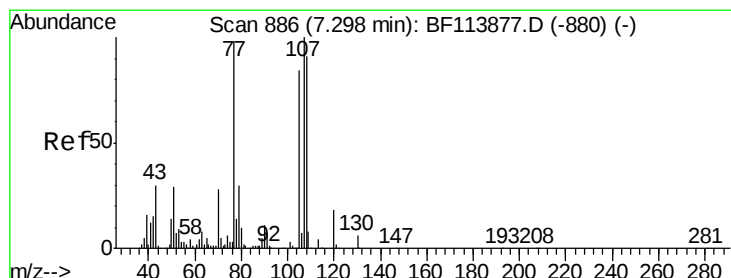
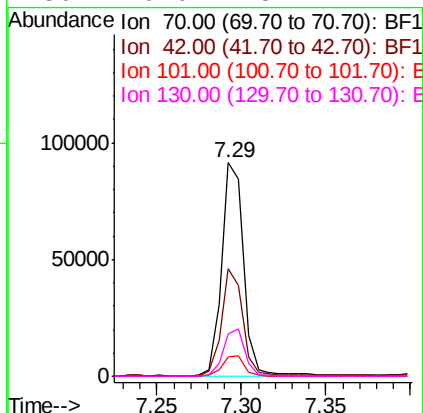
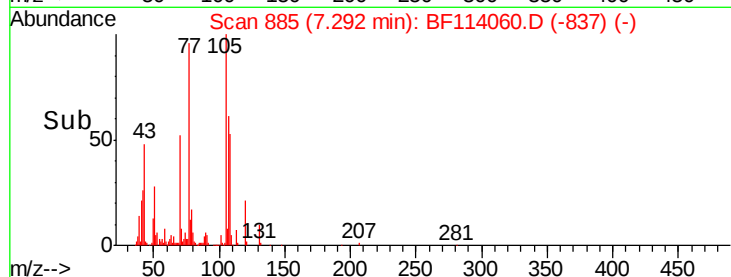
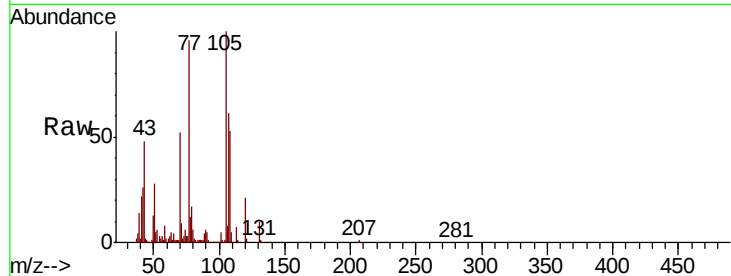




#19
n-Nitroso-di-n-propylamine
Concen: 14.009 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

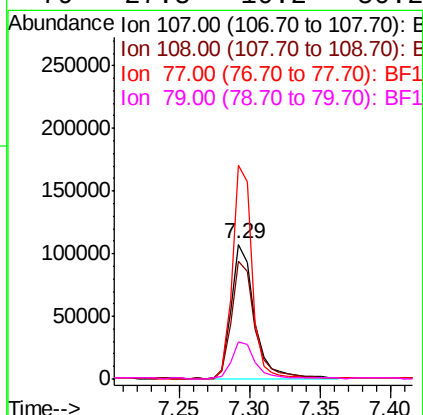
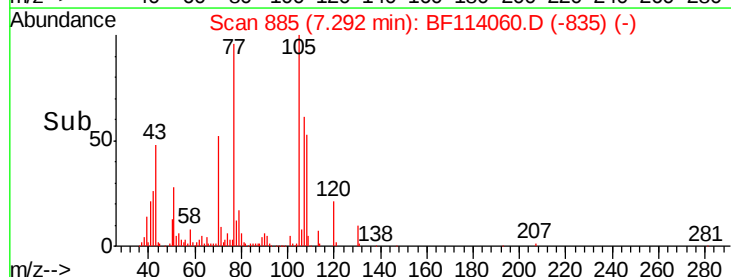
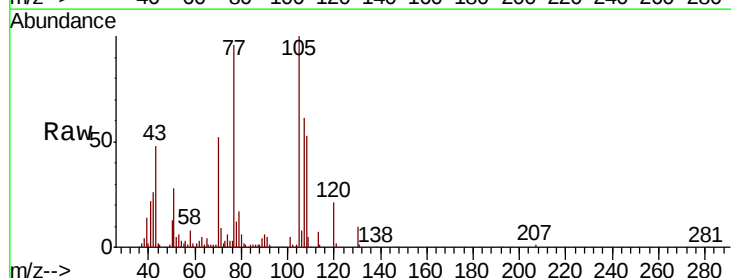
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

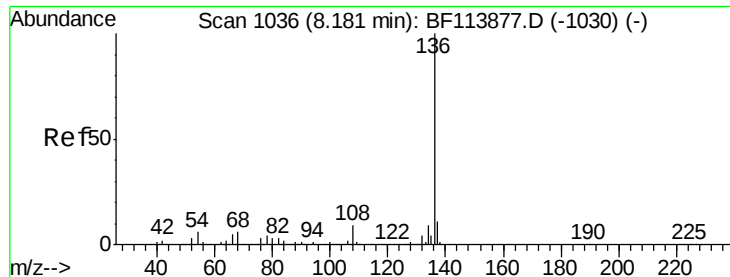
Tot Ion:	70	Resp:	84201
Ion	Ratio	Lower	Upper
70	100		
42	50.4	37.3	55.9
101	9.2	7.8	11.8
130	20.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 14.651 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:	107	Resp:	122547
Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.1	110.1
77	158.7	52.9	92.9#
79	27.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

Tot Ion:136 Resp: 402125

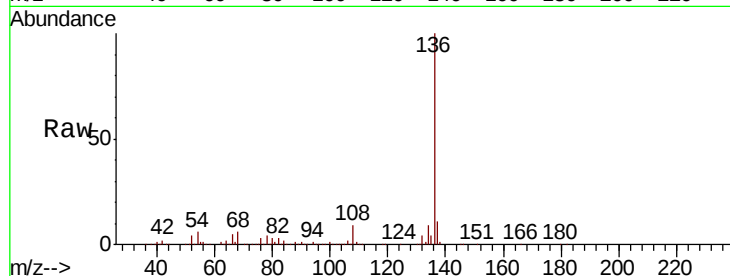
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.3 5.0 7.6

68 6.3 4.9 7.3

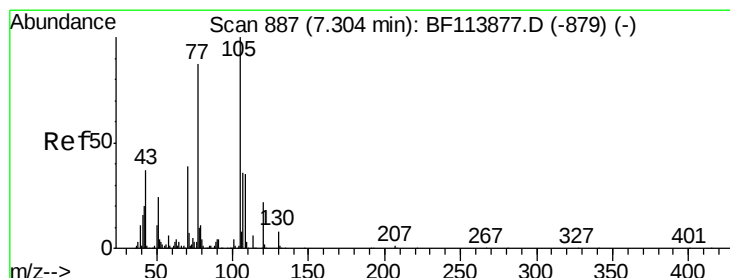
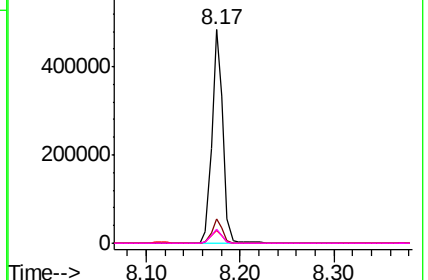
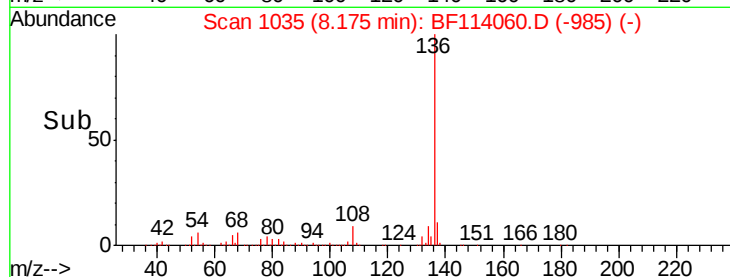


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.973 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Tgt Ion:105 Resp: 169782

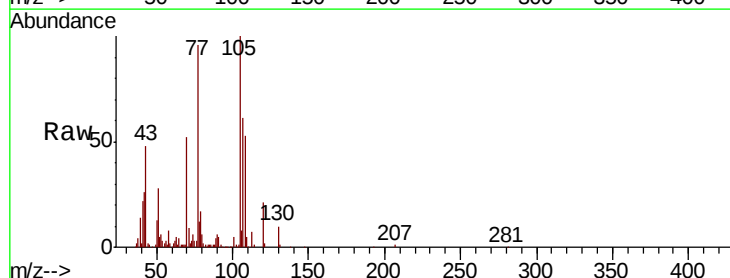
Ion Ratio Lower Upper

105 100

71 8.6 6.1 9.1

51 27.8 16.8 25.2#

120 20.8 17.6 26.4

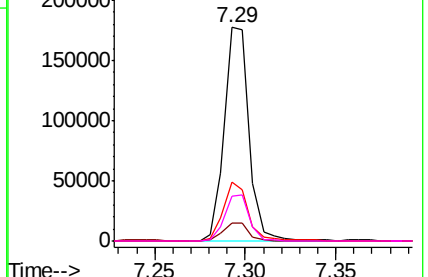
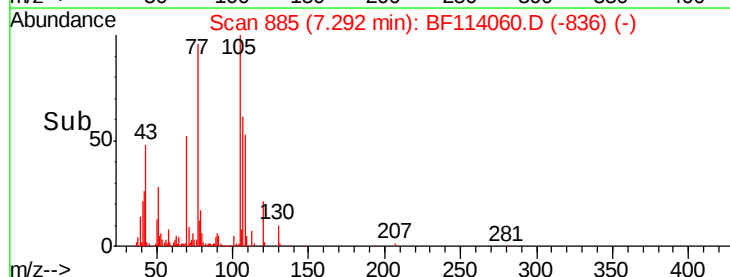


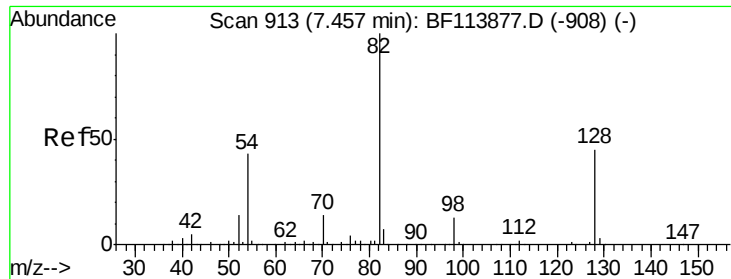
Abundance Ion 105.00 (104.70 to 105.70): E

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

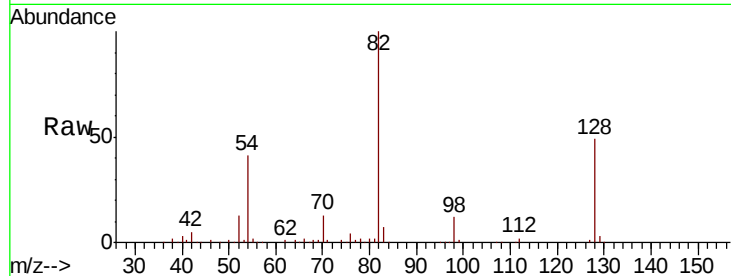




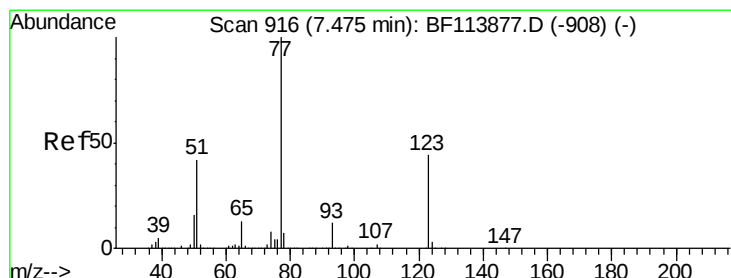
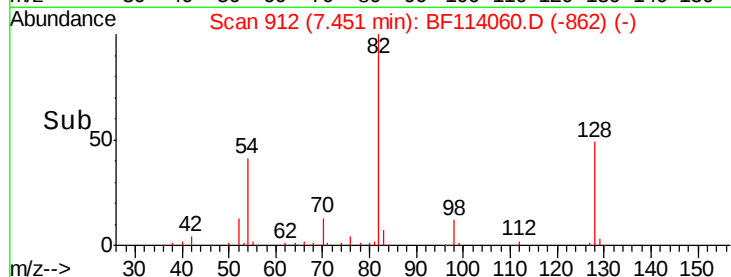
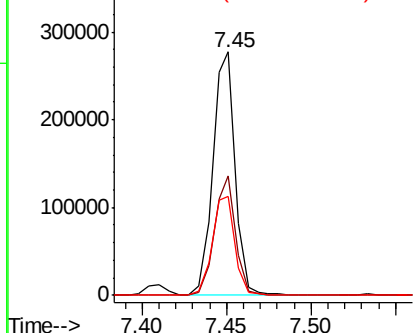
#23
 Nitrobenzene-d5
 Concen: 39.148 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion	82	Resp	254965
Ion Ratio	Lower	Upper	
82	100		
128	48.9	36.8	55.2
54	40.8	33.8	50.6

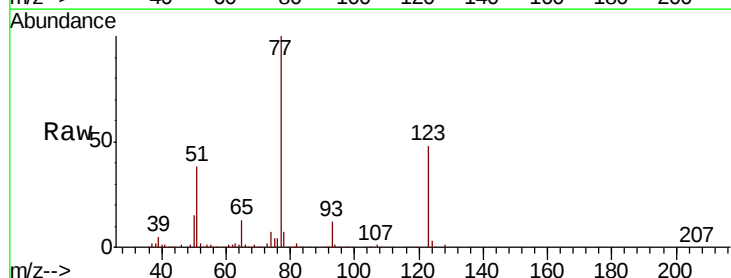


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

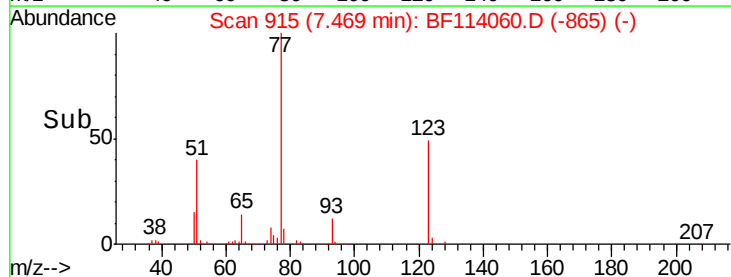
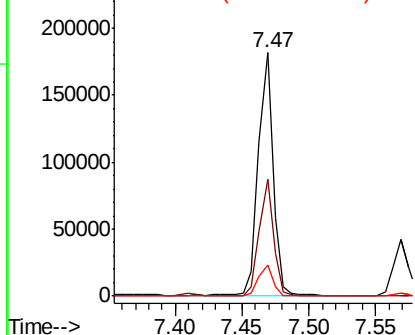


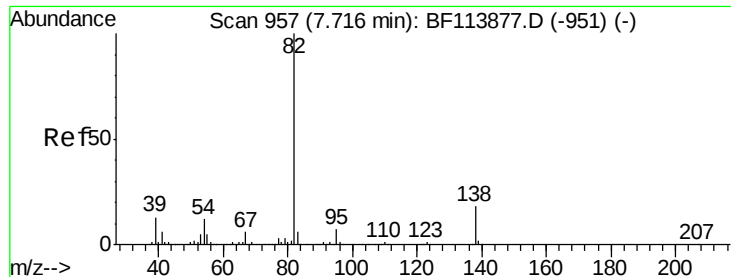
#24
 Nitrobenzene
 Concen: 19.023 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Tgt Ion	77	Resp	136893
Ion Ratio	Lower	Upper	
77	100		
123	48.3	36.3	54.5
65	12.6	10.3	15.5



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: 17.480 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

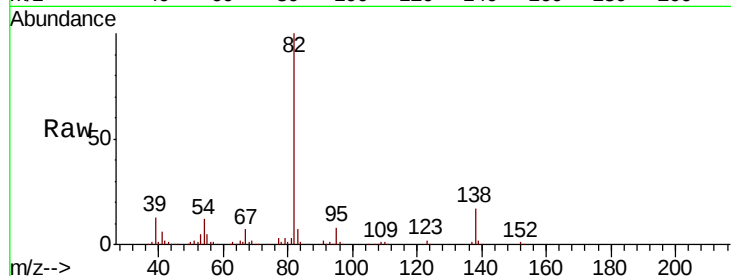
Tot Ion: 82 Resp: 232946

Ion Ratio Lower Upper

82 100

95 7.8 5.4 8.2

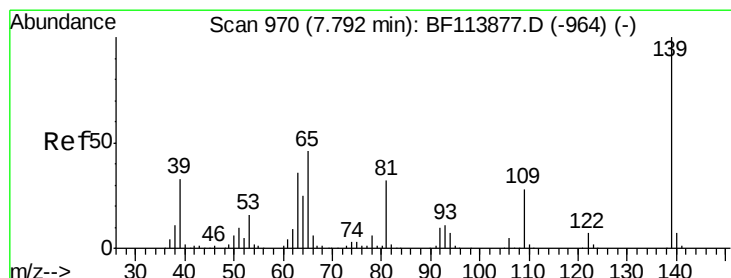
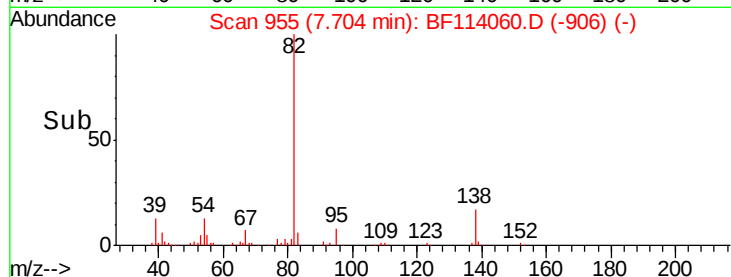
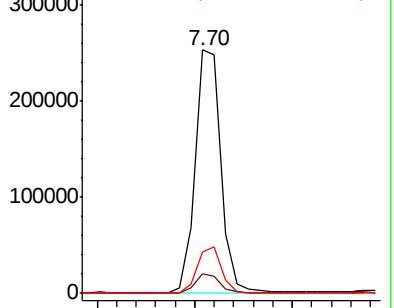
138 16.9 14.6 22.0



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: 18.161 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

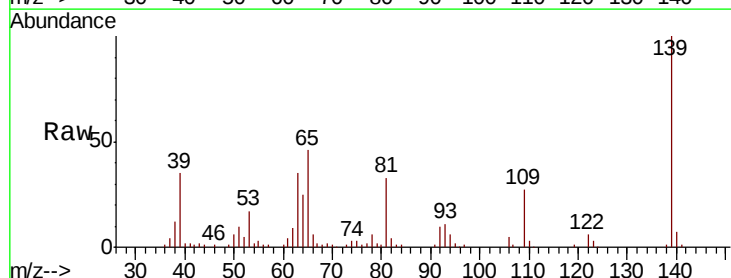
Tgt Ion: 139 Resp: 59624

Ion Ratio Lower Upper

139 100

109 26.7 20.6 31.0

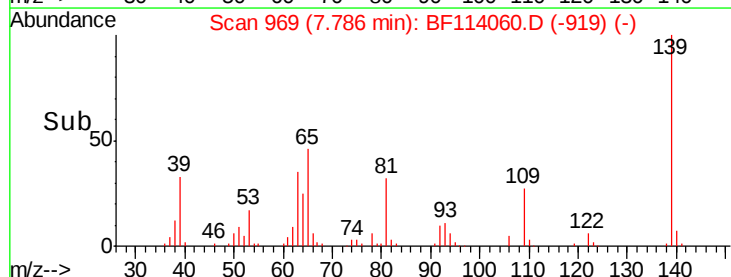
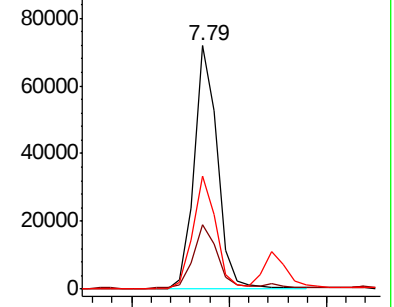
65 46.3 34.6 52.0

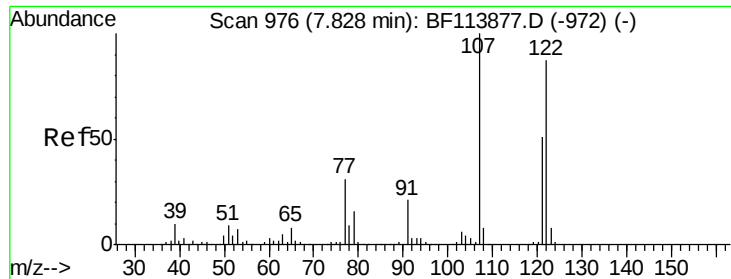


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

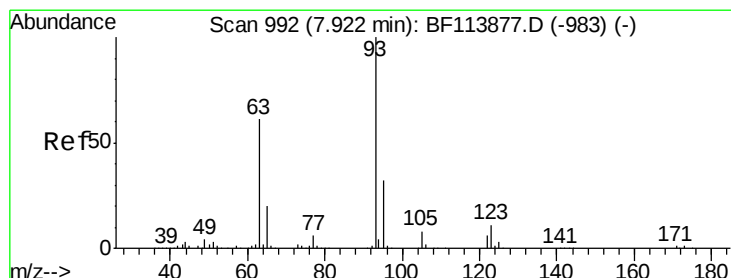
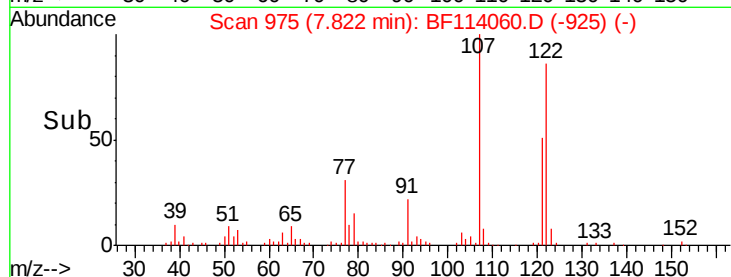
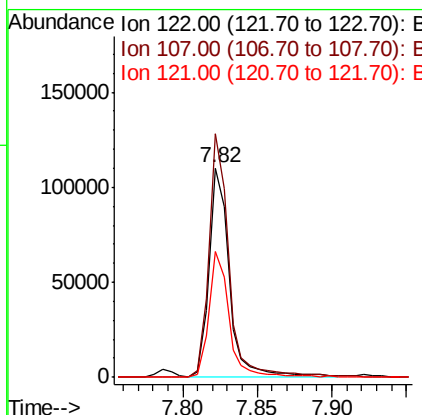
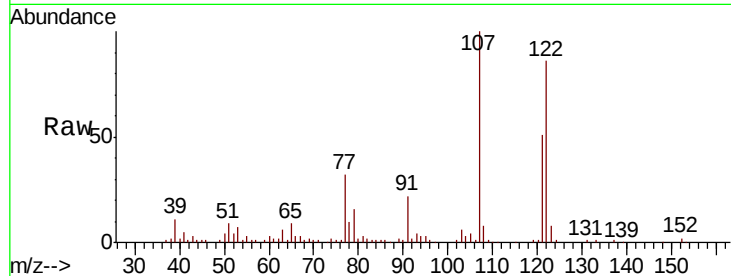




#27
 2,4-Dimethylphenol
 Concen: 19.639 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

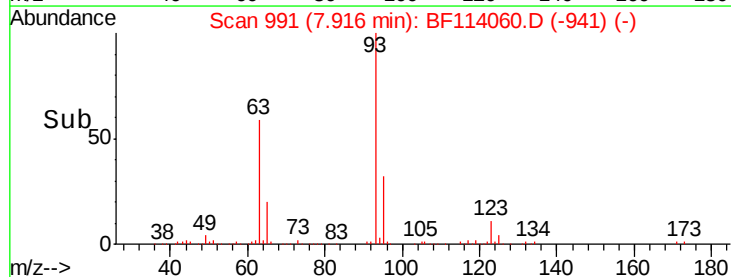
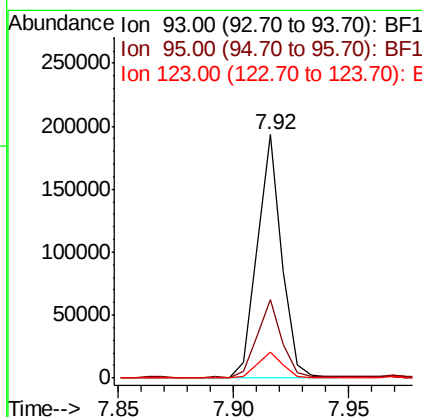
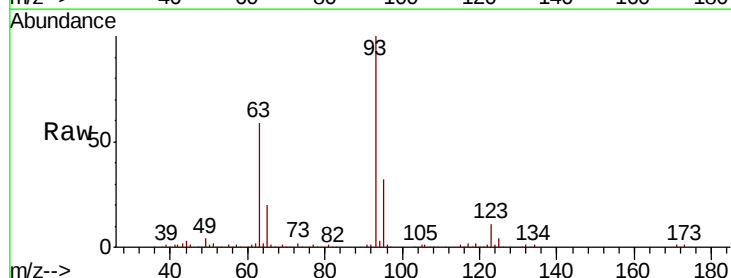
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

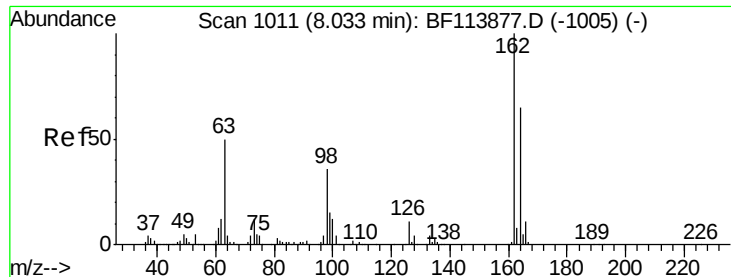
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.2	136.8
121	59.9	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 16.870 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.6
123	10.9	9.0	13.6

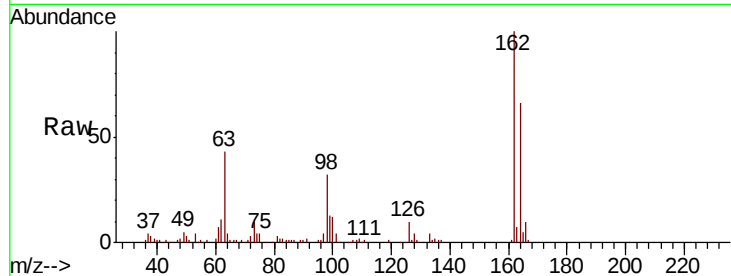




#29
2,4-Dichlorophenol
Concen: 17.249 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.7	83.7
98	31.7	15.5	55.5

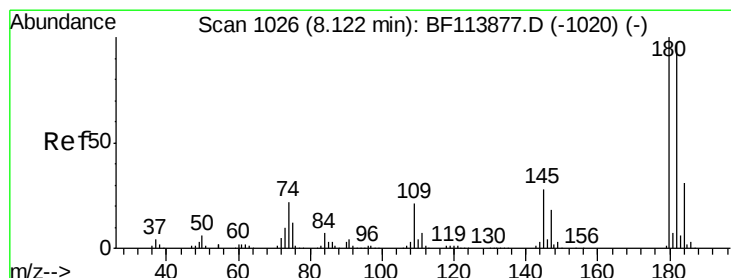
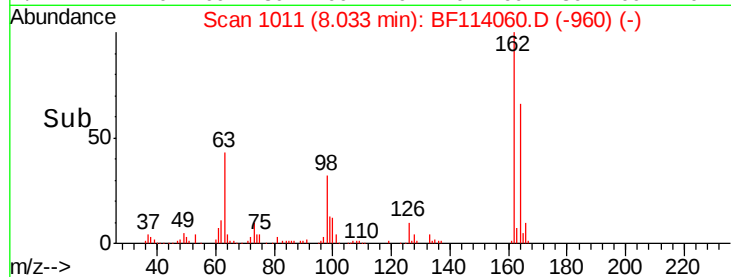
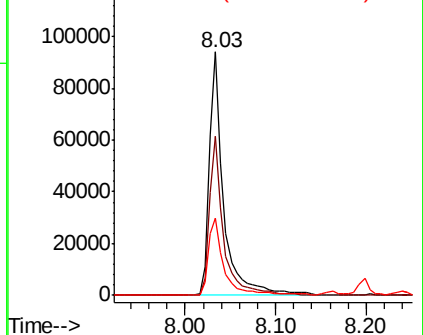


Abundance

Ion 162.00 (161.70 to 162.70): E

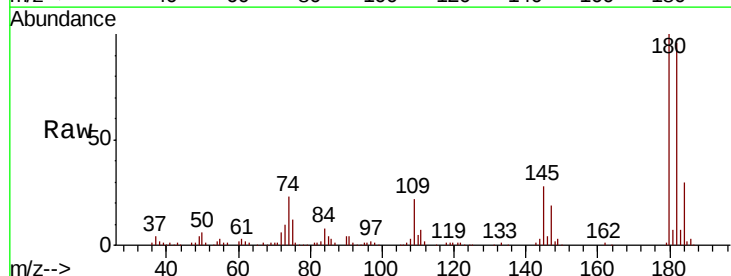
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 17.327 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.4	113.0
145	28.5	23.0	34.4

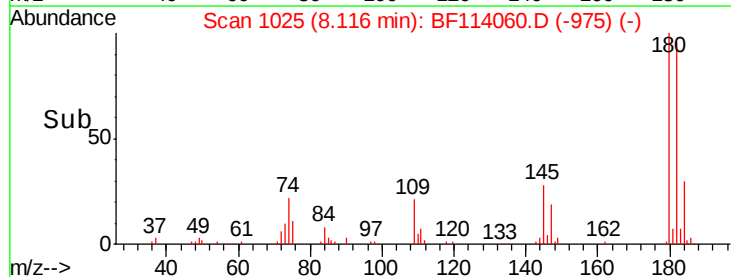
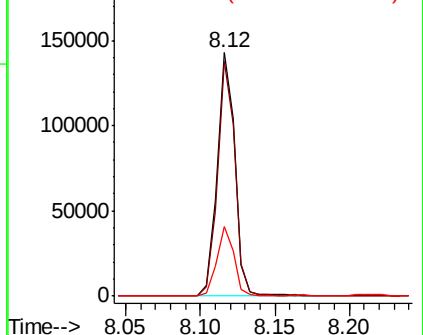


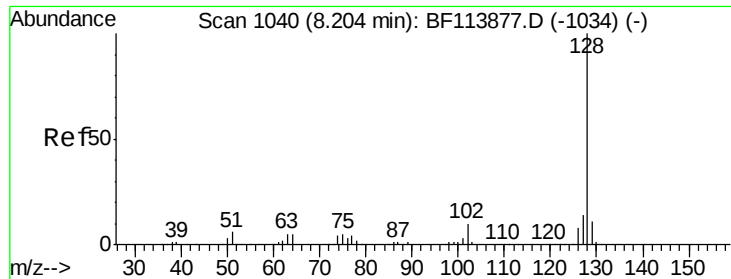
Abundance

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

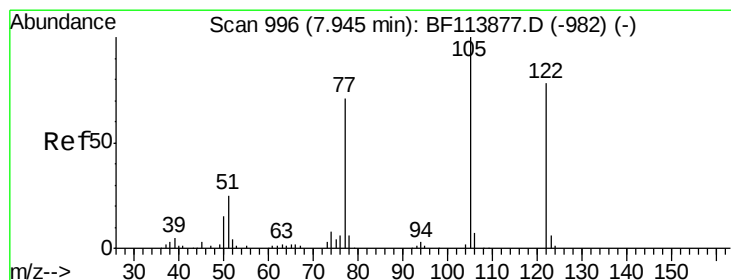
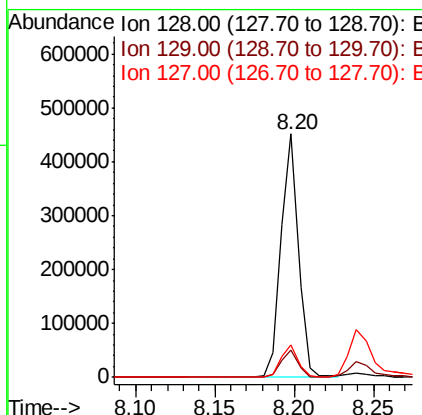
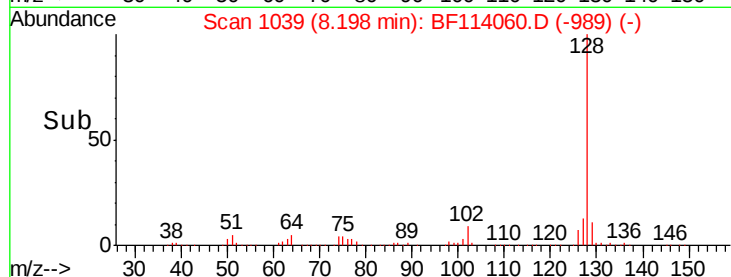
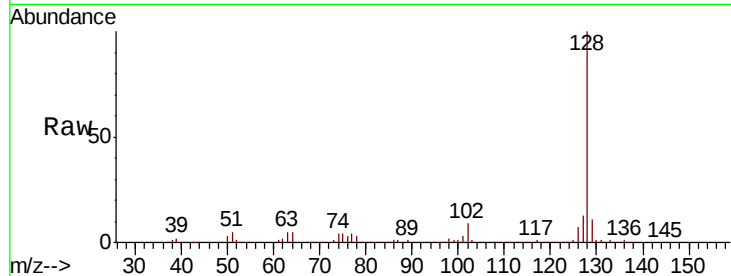




#31
Naphthalene
Concen: 18.100 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

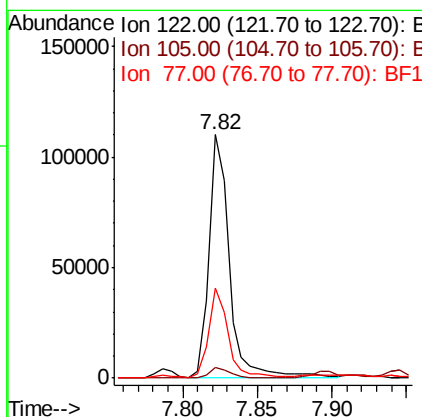
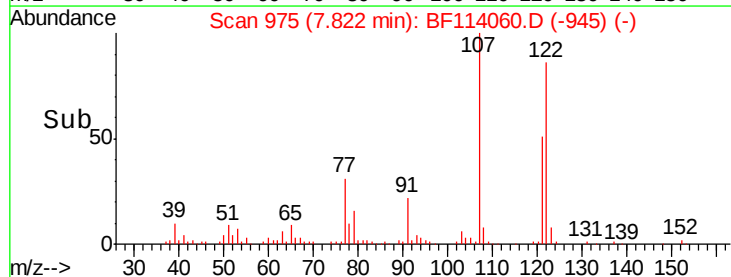
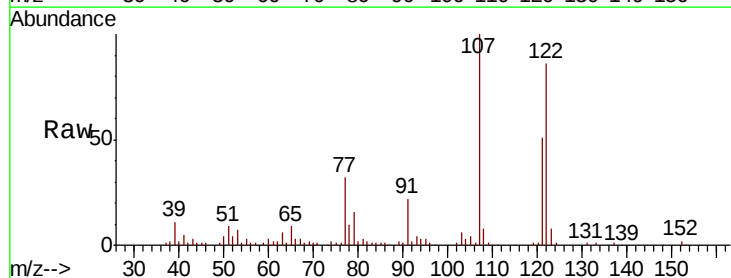
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

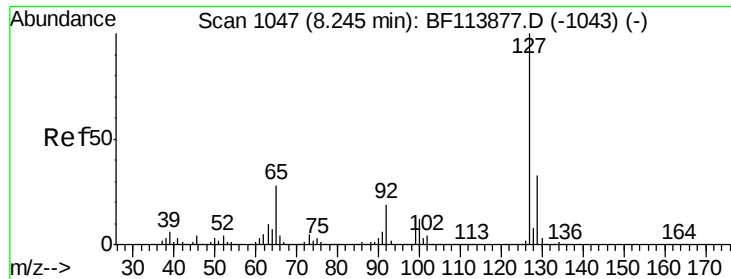
Tot Ion:128 Resp: 345773
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 29.081 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.12 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:122 Resp: 105047
Ion Ratio Lower Upper
122 100
105 4.3 104.3 144.3#
77 36.7 70.4 110.4#

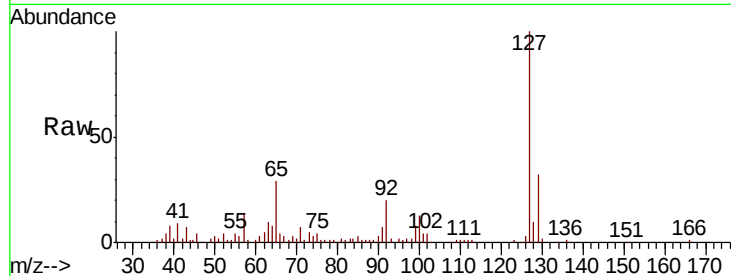




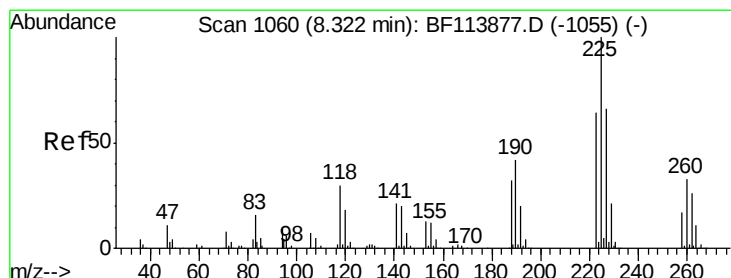
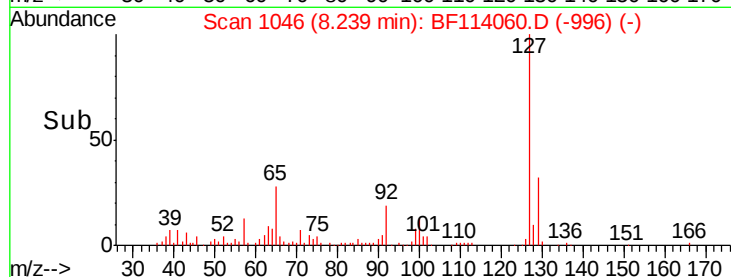
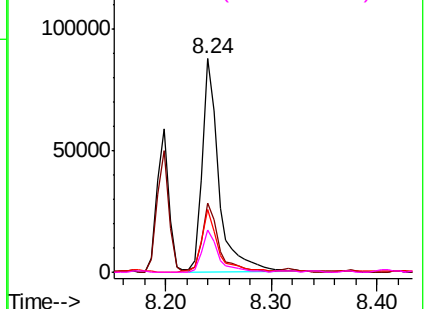
#33
4-Chloroaniline
Concen: 11.811 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion:	127	Resp:	95468
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	29.2	24.9	37.3
92	19.8	15.9	23.9

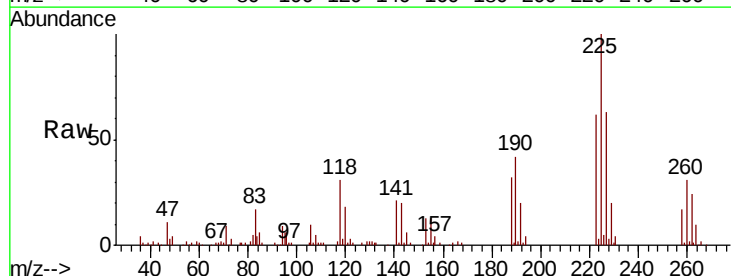


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

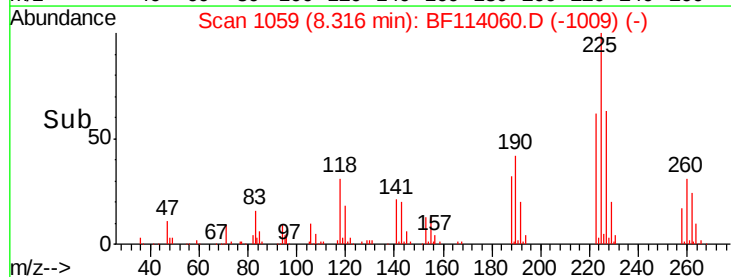
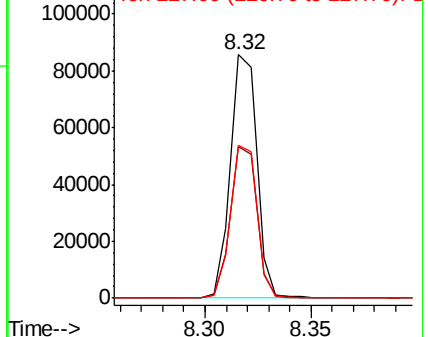


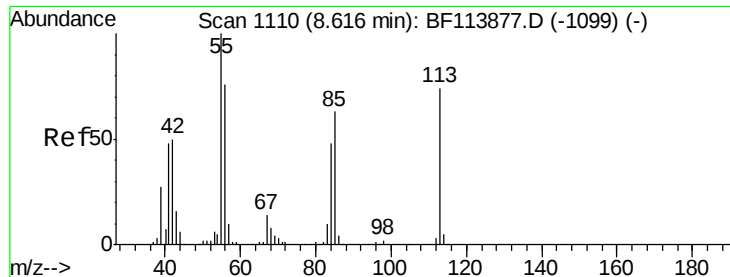
#34
Hexachlorobutadiene
Concen: 17.407 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:	225	Resp:	74007
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.1	76.7
227	62.7	49.9	74.9



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

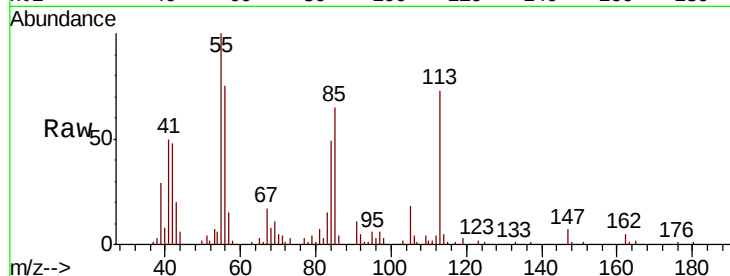




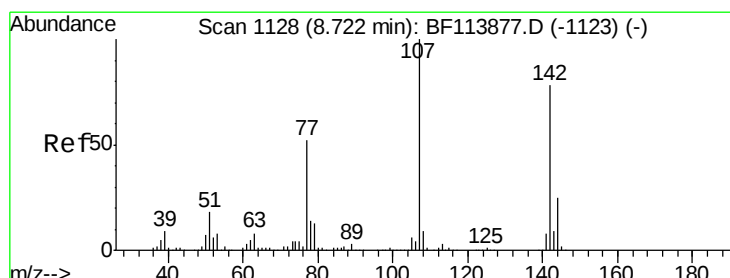
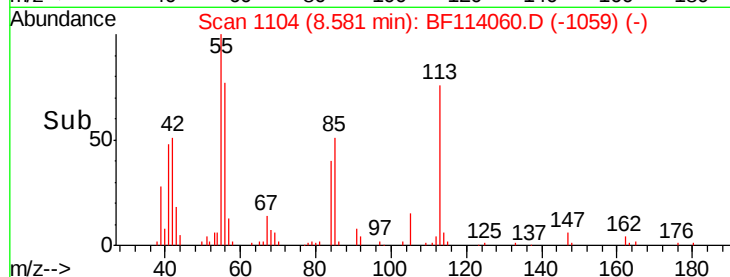
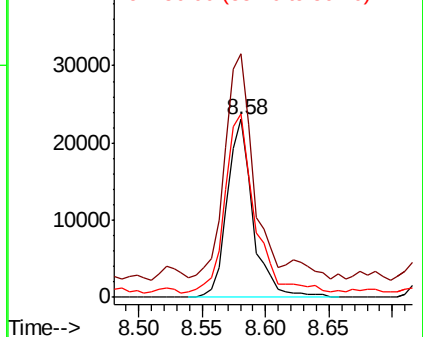
#35
Caprolactam
Concen: 16.599 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion:113 Resp: 32298
Ion Ratio Lower Upper
113 100
55 136.9 128.6 168.6
56 103.0 91.9 131.9

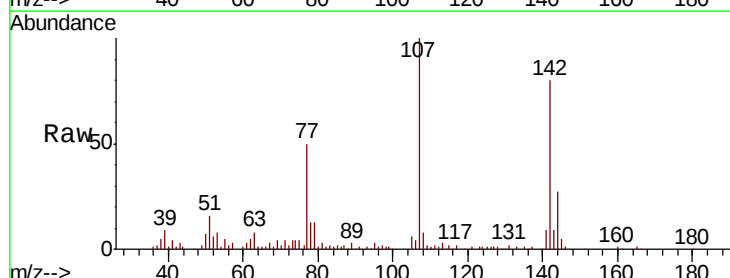


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

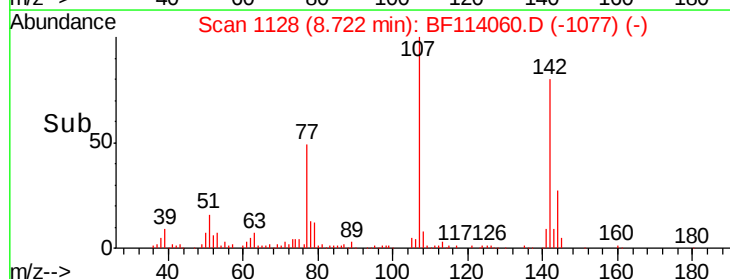
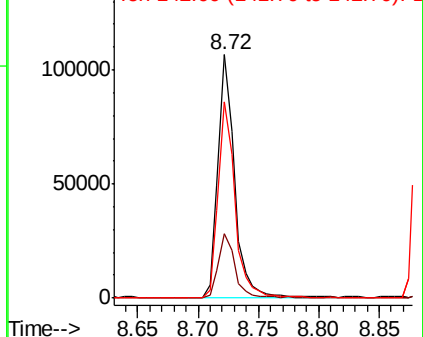


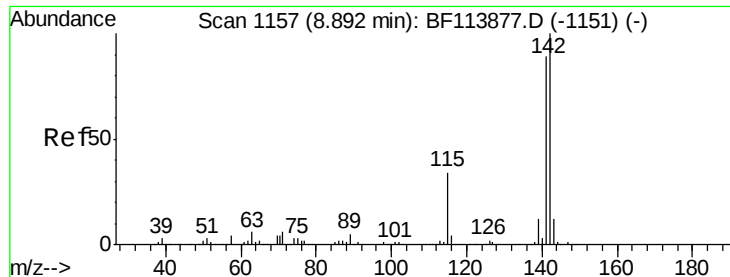
#36
4-Chloro-3-methylphenol
Concen: 16.896 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:107 Resp: 102388
Ion Ratio Lower Upper
107 100
144 26.7 20.5 30.7
142 80.5 64.2 96.4



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

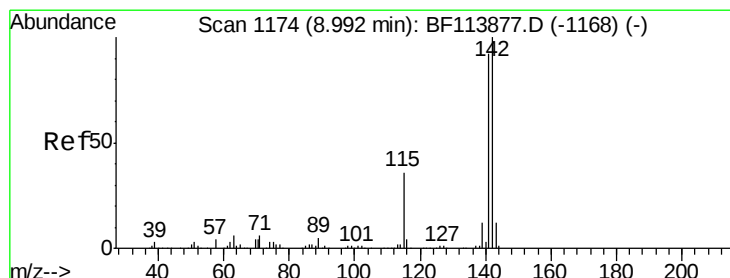
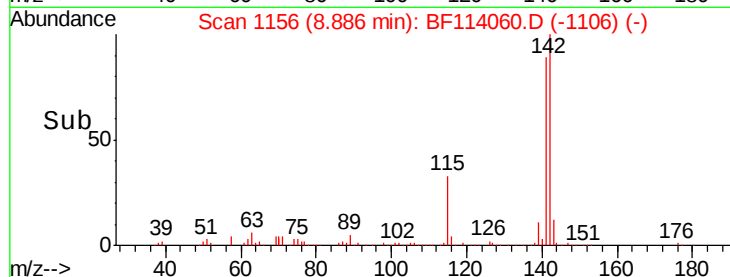
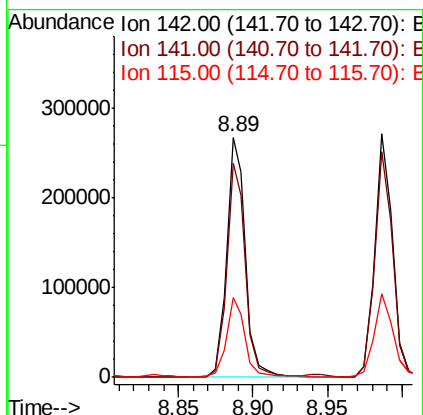
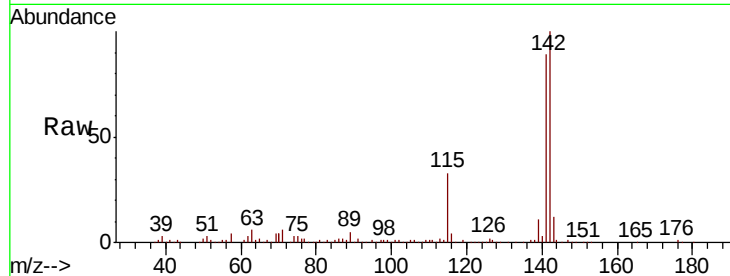




#37
2-Methylnaphthalene
Concen: 18.506 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

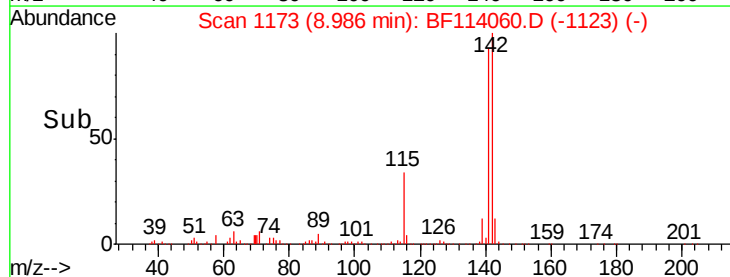
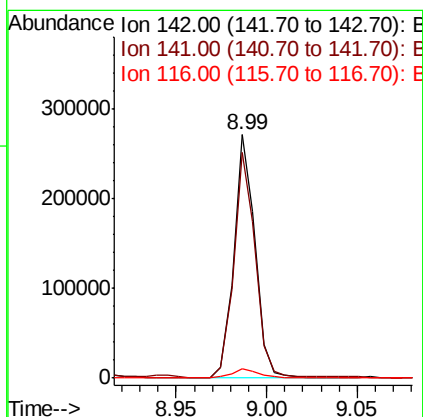
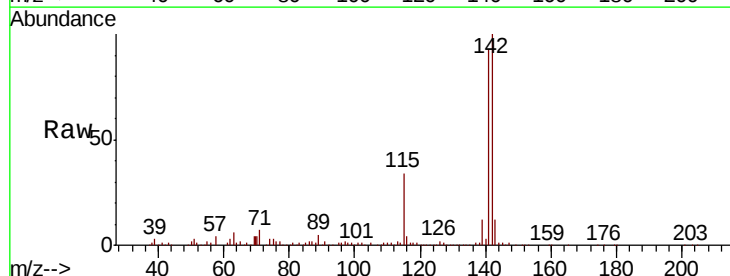
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

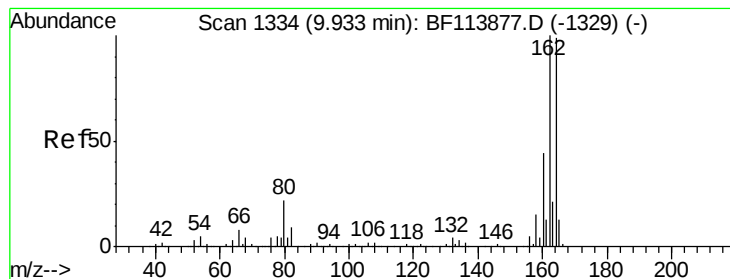
Tot Ion:142 Resp: 238400
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6
115 33.2 26.3 39.5



#38
1-Methylnaphthalene
Concen: 17.621 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:142 Resp: 219093
Ion Ratio Lower Upper
142 100
141 92.7 72.3 108.5
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

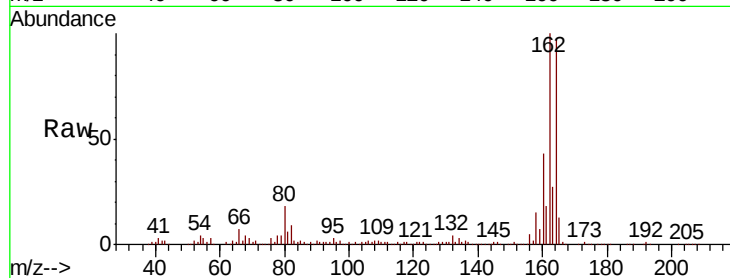
Tot Ion:164 Resp: 229679

Ion Ratio Lower Upper

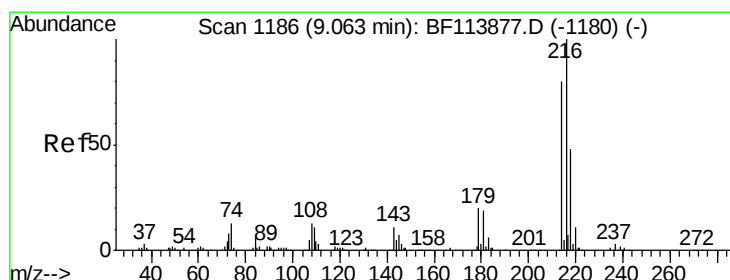
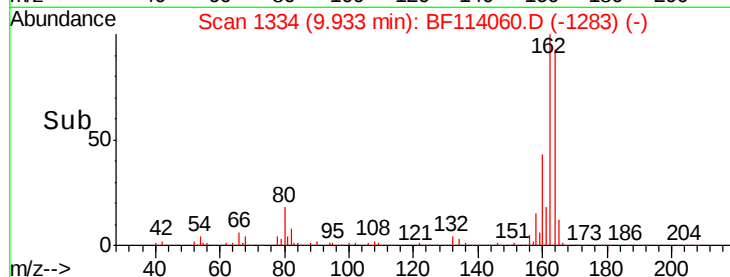
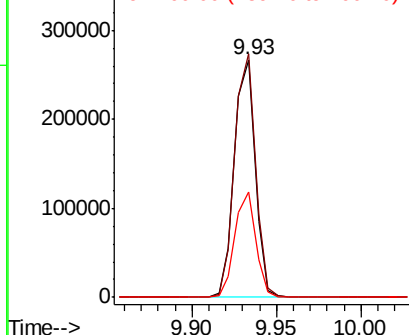
164 100

162 102.6 81.1 121.7

160 44.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 16.190 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Tgt Ion:216 Resp: 120792

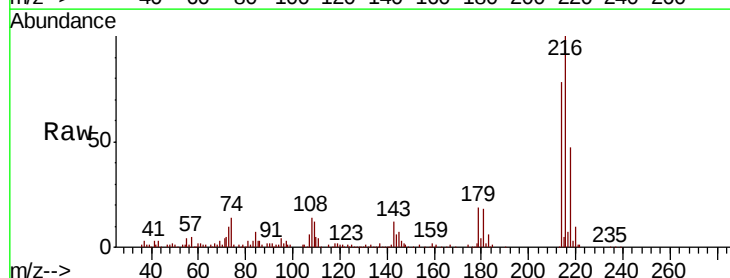
Ion Ratio Lower Upper

216 100

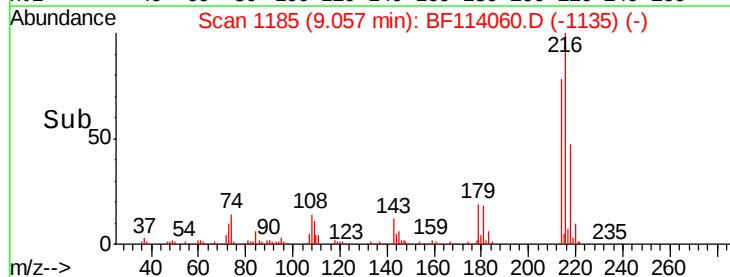
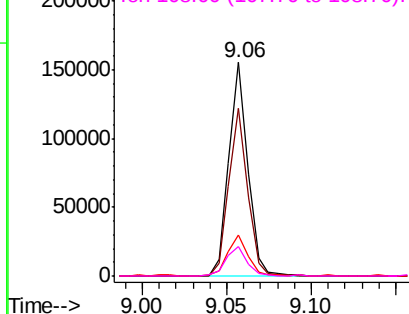
214 78.4 63.5 95.3

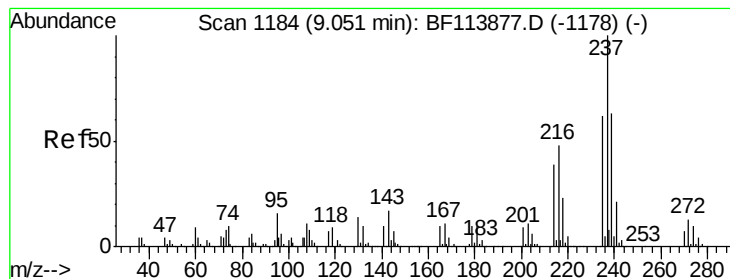
179 21.1 16.1 24.1

108 15.4 13.4 20.0



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





#41

Hexachlorocyclopentadiene

Concen: 3.594 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

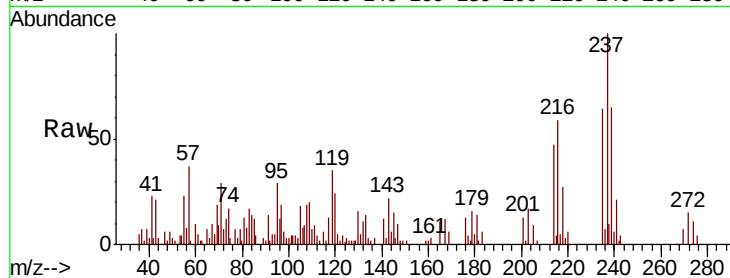
Tot Ion:237 Resp: 14951

Ion Ratio Lower Upper

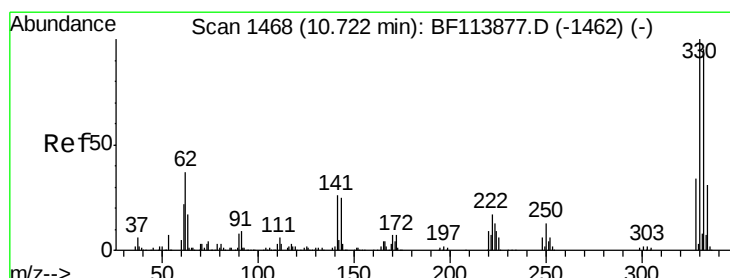
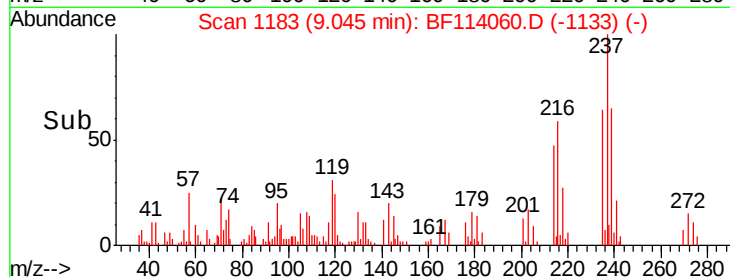
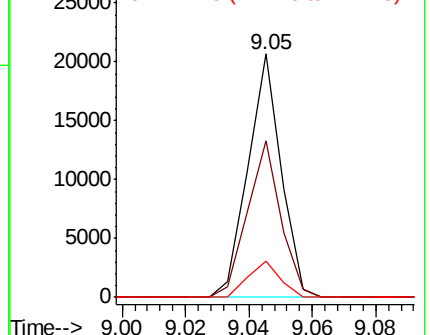
237 100

235 64.3 42.6 82.6

272 14.7 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 45.377 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

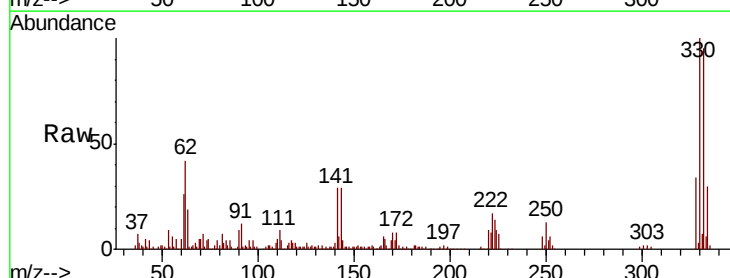
Tgt Ion:330 Resp: 126963

Ion Ratio Lower Upper

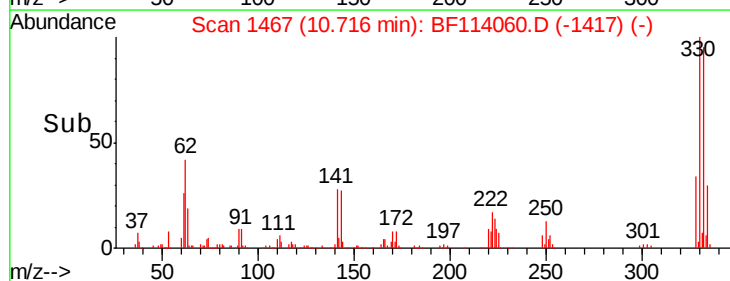
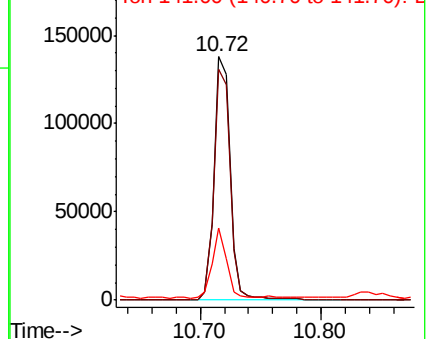
330 100

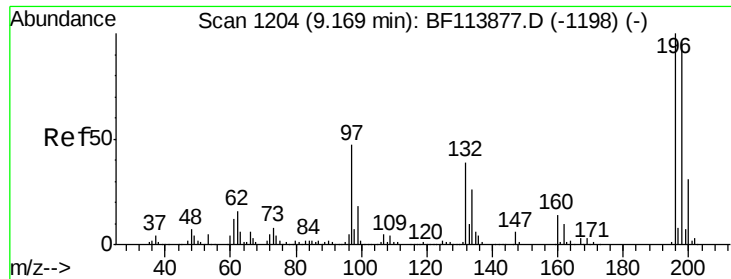
332 96.0 77.5 116.3

141 24.6 22.2 33.2



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

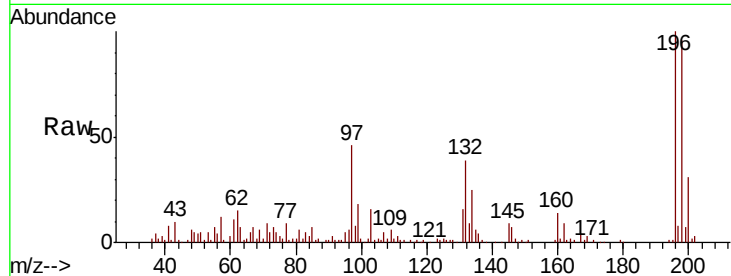




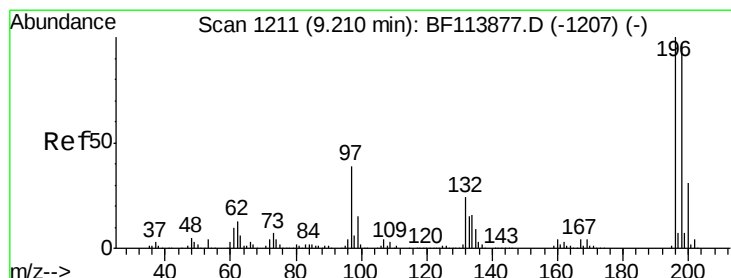
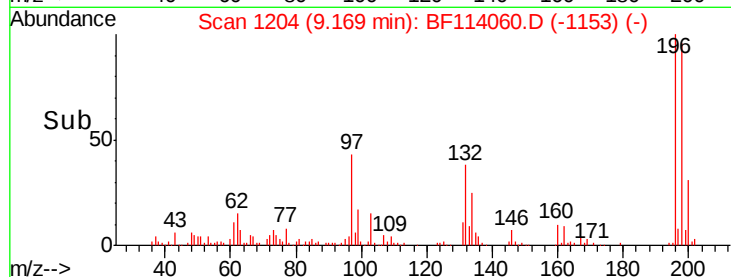
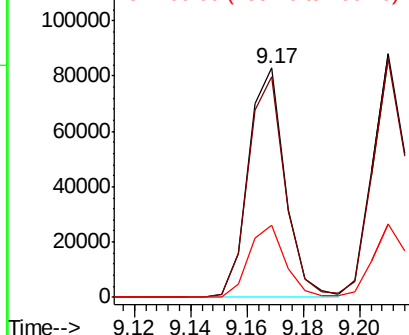
#43
 2,4,6-Trichlorophenol
 Concen: 15.762 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

Tot Ion:196 Resp: 74672
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.6 113.4
 200 31.3 24.7 37.1



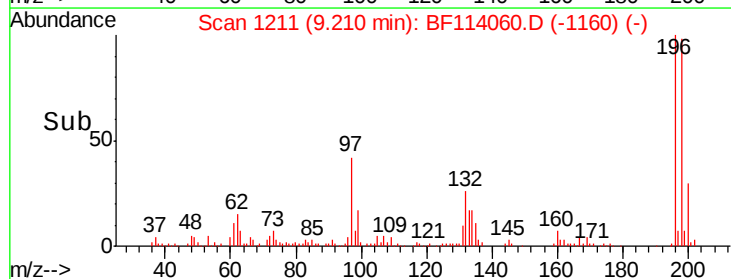
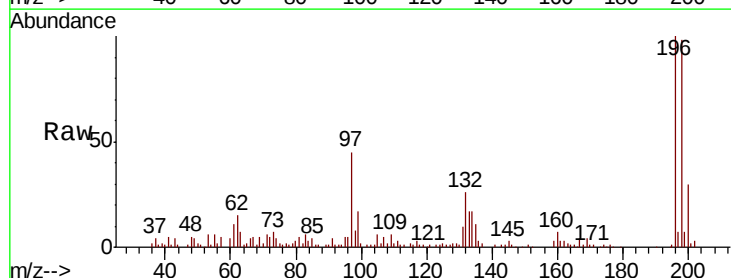
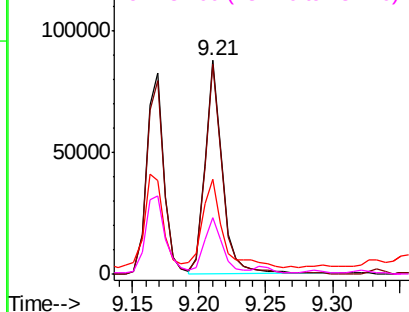
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

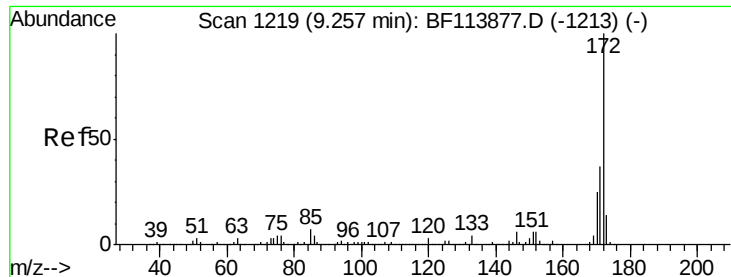


#44
 2,4,5-Trichlorophenol
 Concen: 14.854 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Tgt Ion:196 Resp: 78931
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.2 114.4
 97 44.6 35.8 53.8
 132 26.4 20.9 31.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

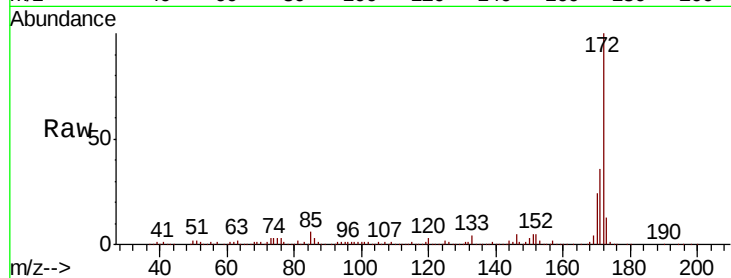




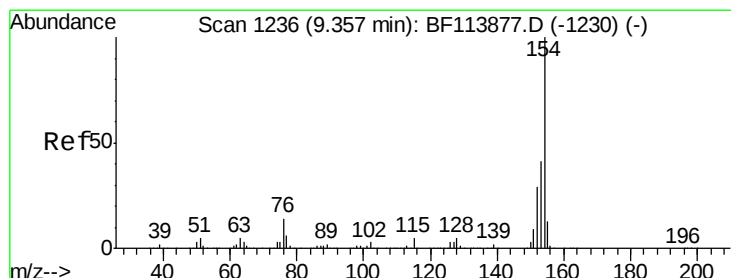
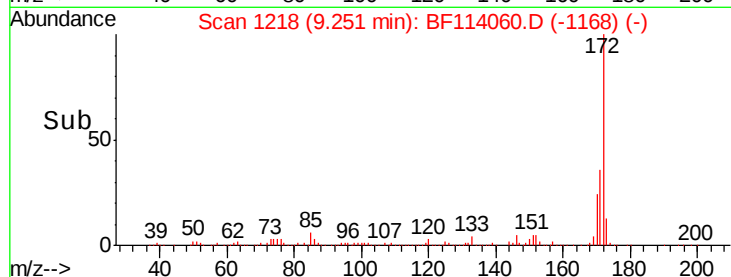
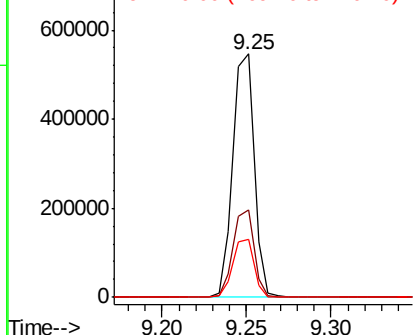
#45
2-Fluorobiphenyl
Concen: 32.763 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion:172 Resp: 481131
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.8 19.9 29.9

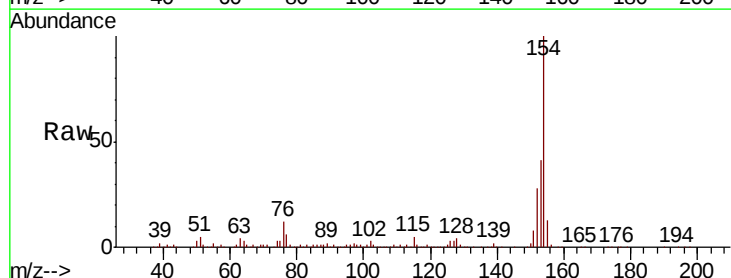


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

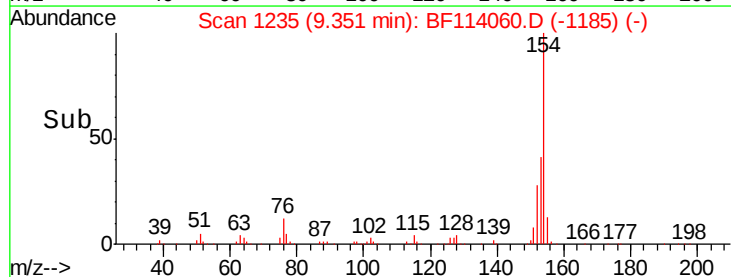
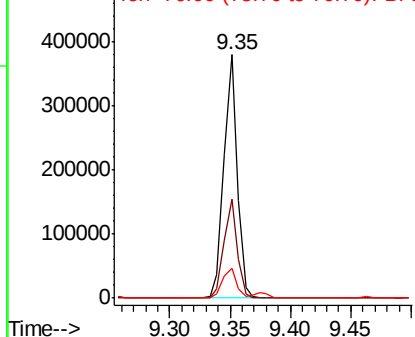


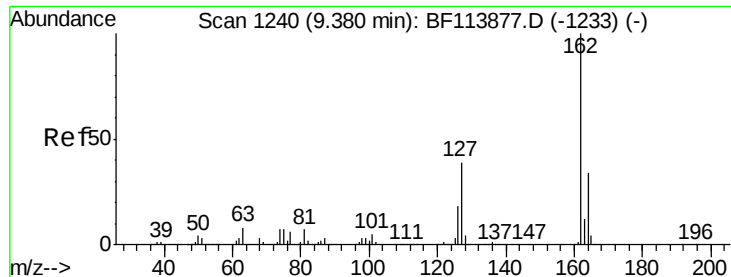
#46
1,1'-Biphenyl
Concen: 16.501 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:154 Resp: 289529
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.4 0.0 35.2



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

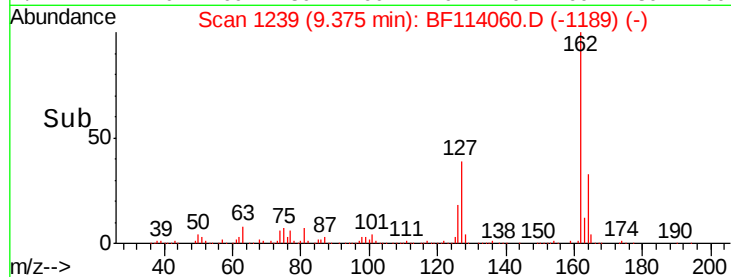
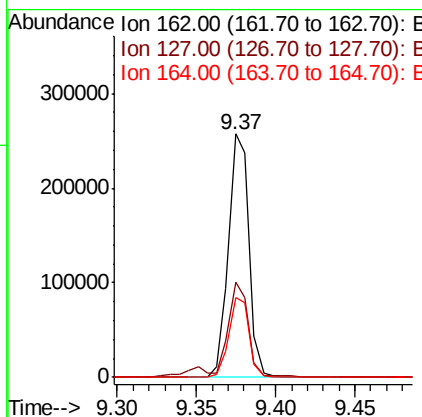
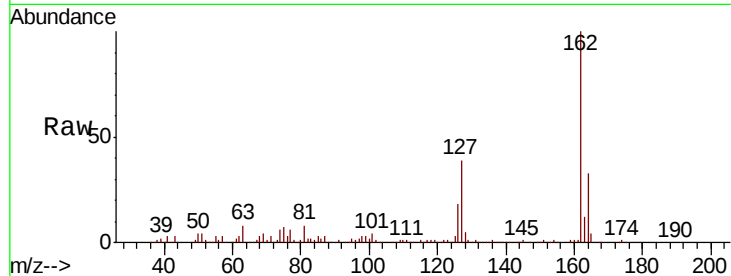




#47
 2-Chloronaphthalene
 Concen: 16.149 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

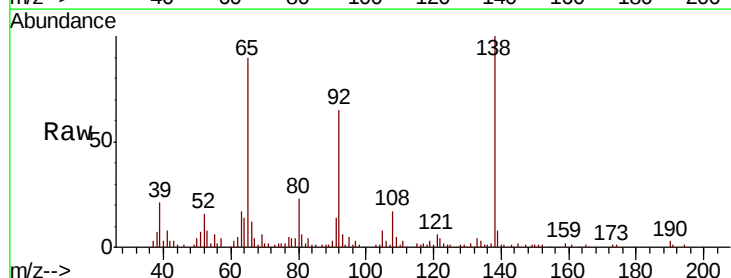
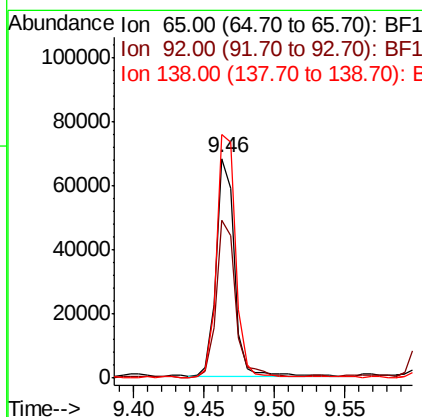
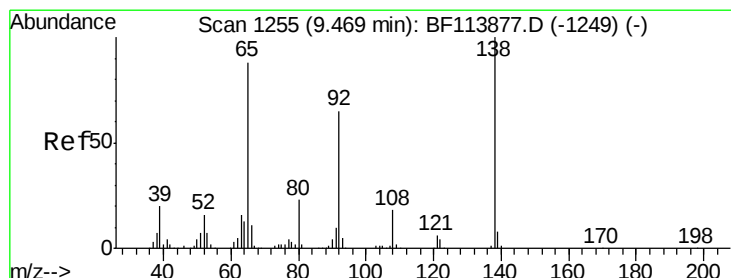
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

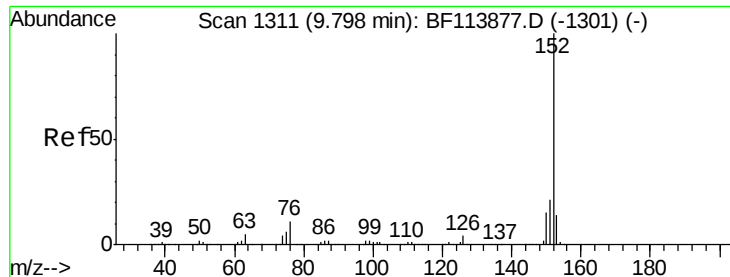
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	29.3	43.9
164	32.6	27.1	40.7



#48
 2-Nitroaniline
 Concen: 16.477 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.4	86.0
138	111.0	85.4	128.0





#49

Acenaphthylene

Concen: 16.954 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

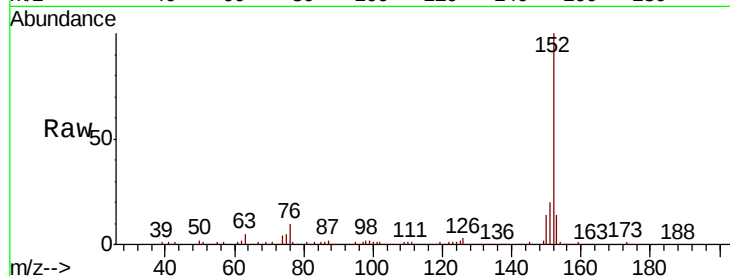
Tot Ion:152 Resp: 378705

Ion Ratio Lower Upper

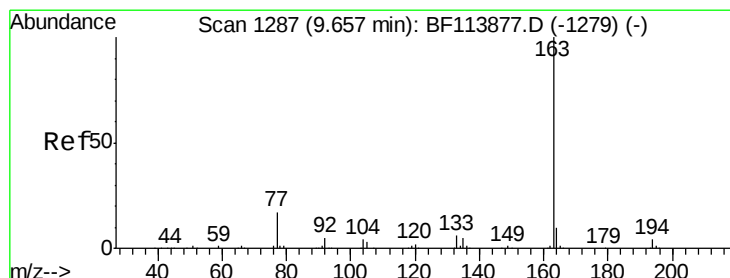
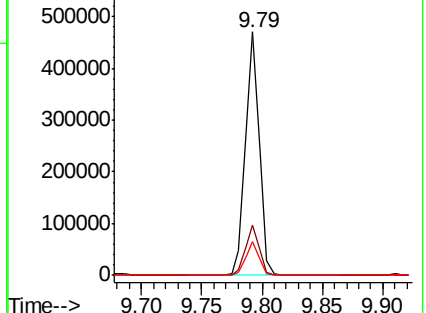
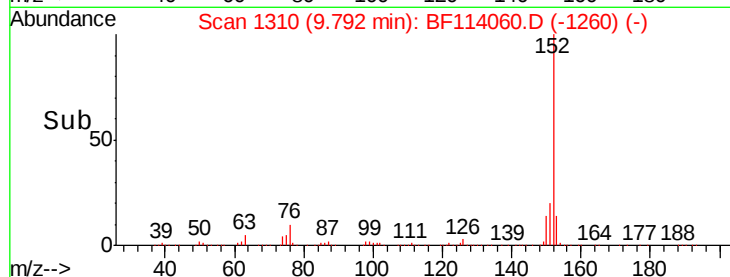
152 100

151 20.5 17.0 25.4

153 13.7 11.0 16.6



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: 22.005 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

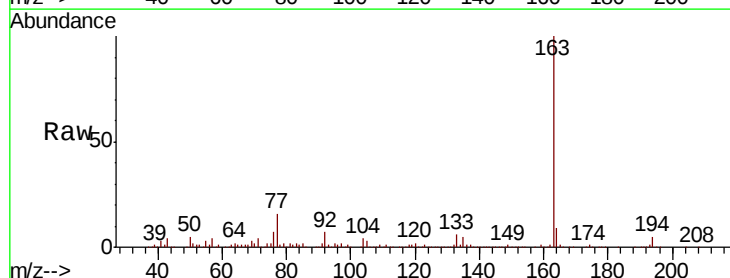
Tgt Ion:163 Resp: 365527

Ion Ratio Lower Upper

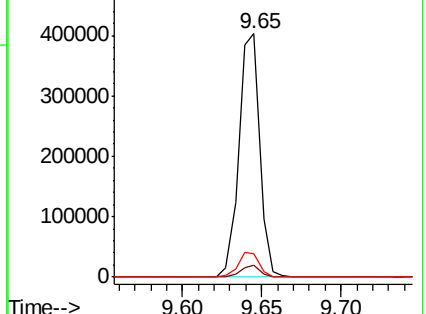
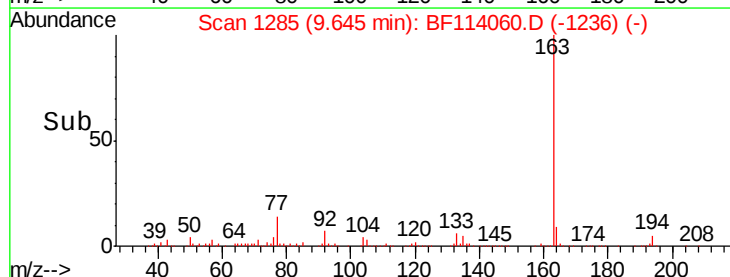
163 100

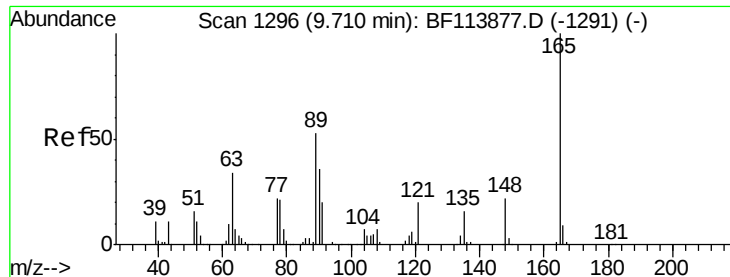
194 4.7 3.4 5.2

164 9.4 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: 17.603 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

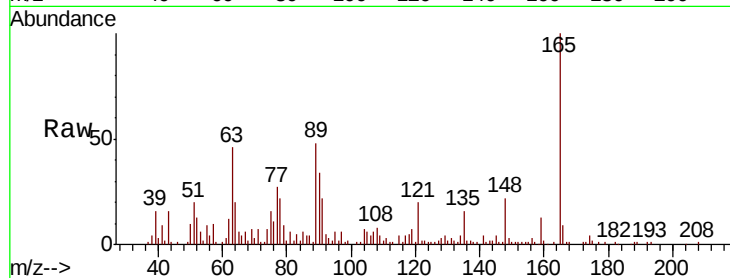
Tot Ion:165 Resp: 62732

Ion Ratio Lower Upper

165 100

63 46.0 33.8 50.8

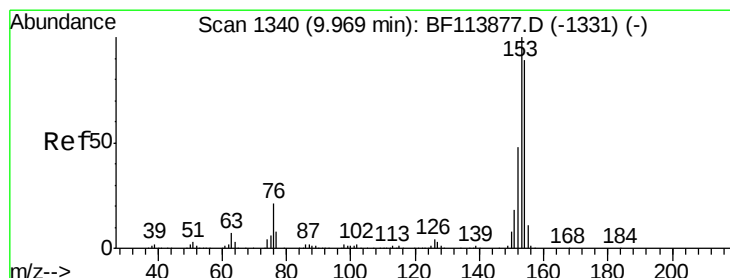
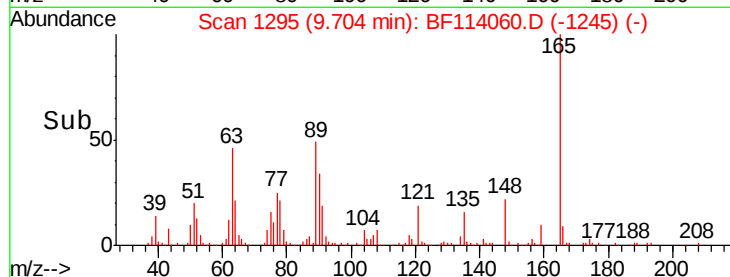
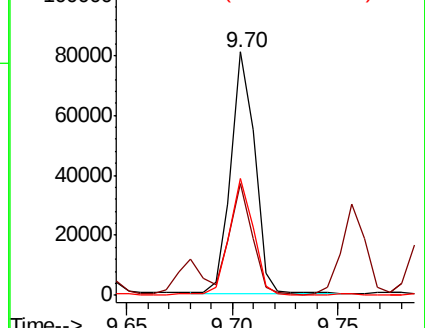
89 48.0 38.2 57.2



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: 16.741 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

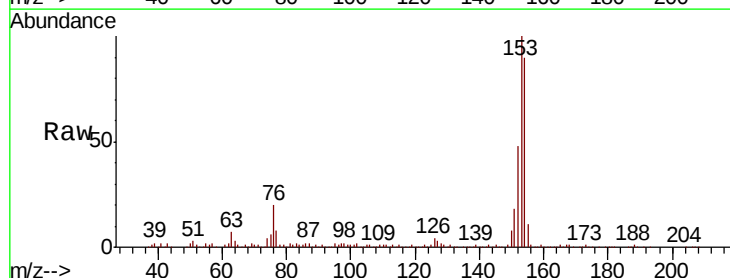
Tgt Ion:154 Resp: 220995

Ion Ratio Lower Upper

154 100

153 111.2 87.2 130.8

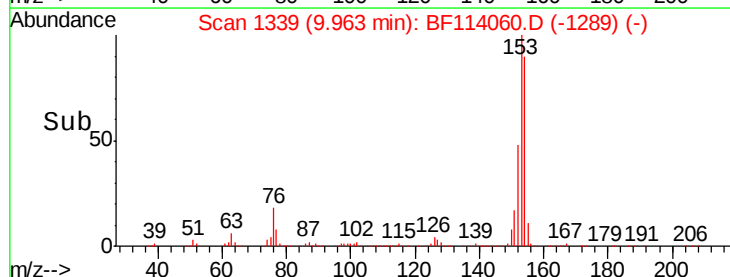
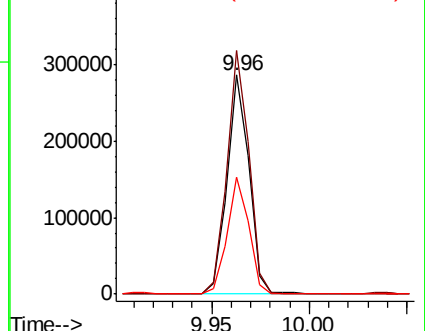
152 53.4 42.3 63.5

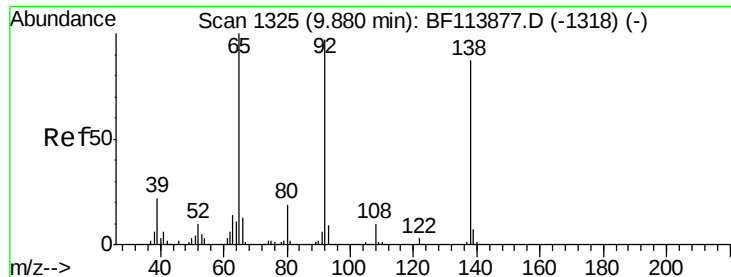


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

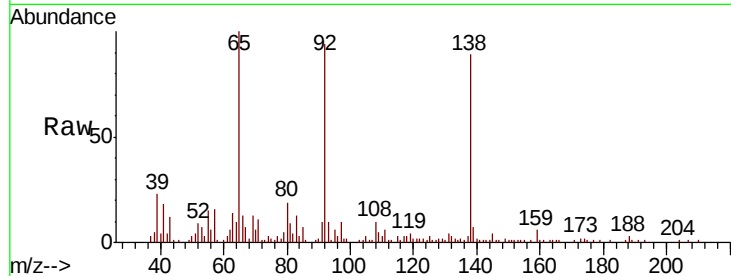




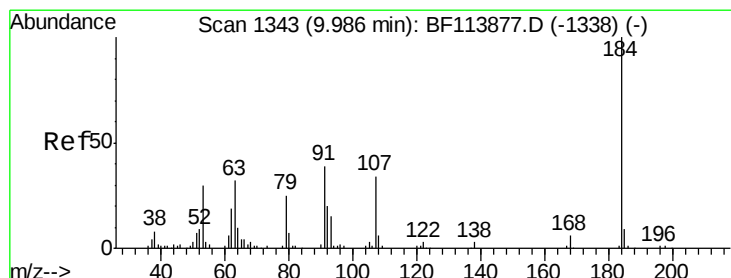
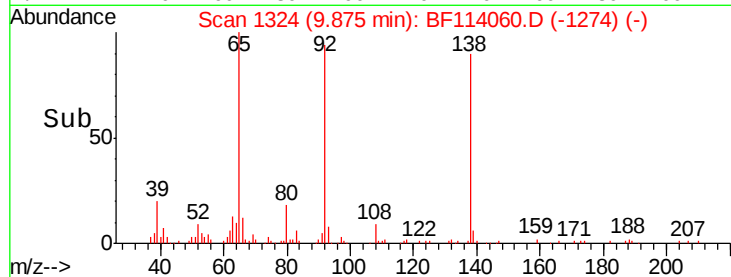
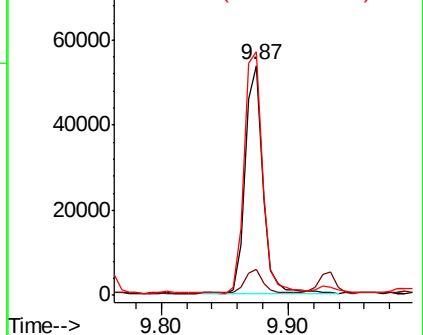
#53
3-Nitroaniline
Concen: 13.767 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion:138 Resp: 51553
Ion Ratio Lower Upper
138 100
108 11.2 9.4 14.2
92 106.0 94.1 141.1

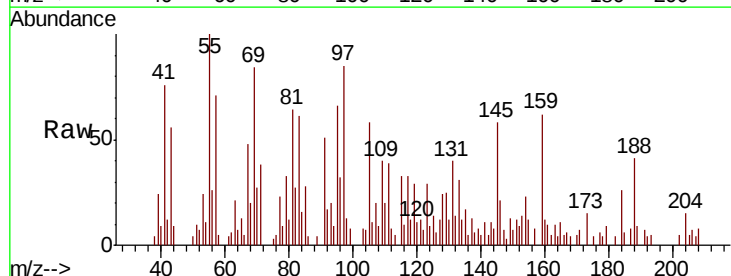


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

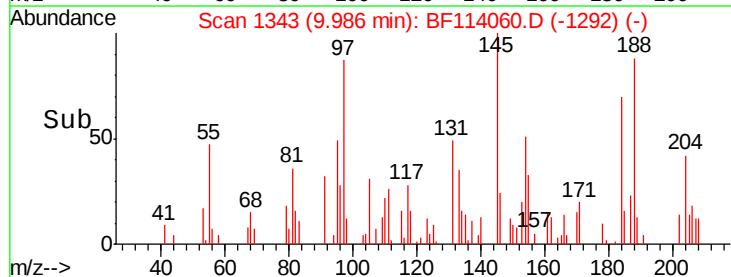
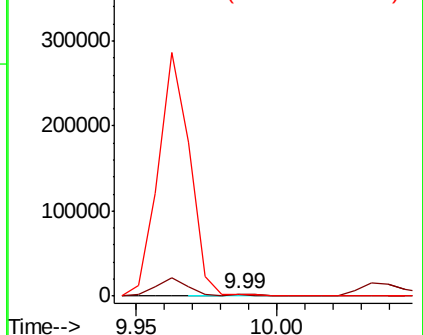


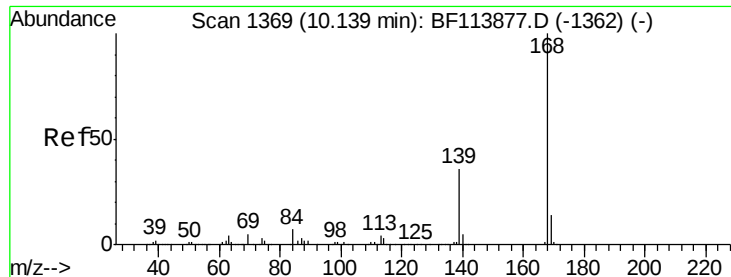
#54
2,4-Dinitrophenol
Concen: 9.688 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:184 Resp: 2355
Ion Ratio Lower Upper
184 100
63 80.2 54.6 81.8
154 88.2 218.6 328.0#



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





#55

Dibenzofuran

Concen: 17.332 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

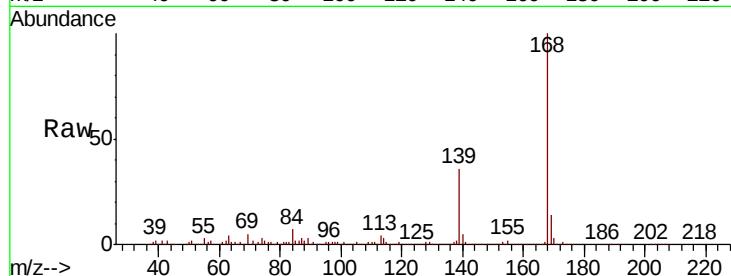
Tot Ion:168 Resp: 342738

Ion Ratio Lower Upper

168 100

139 35.7 27.8 41.6

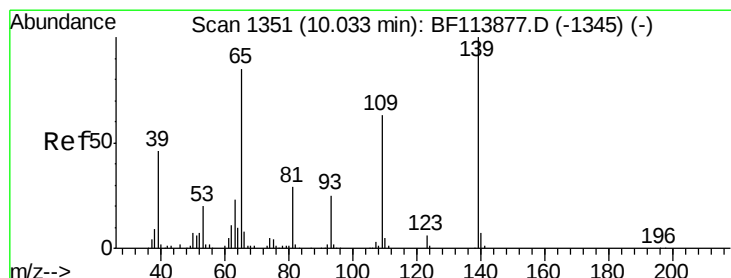
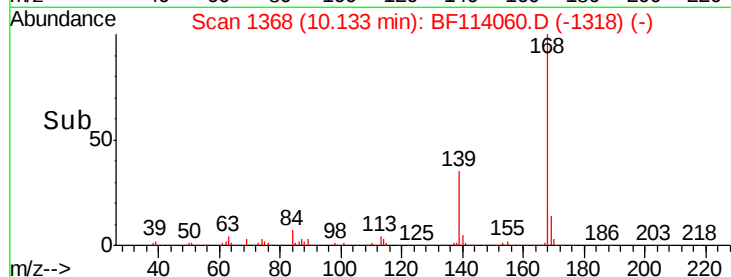
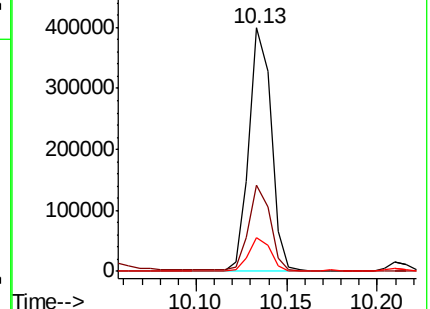
169 14.0 11.0 16.6



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: 27.707 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

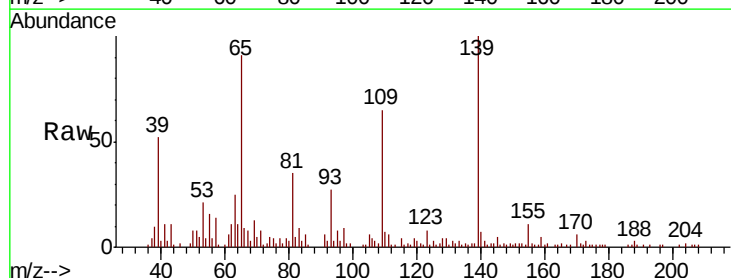
Tgt Ion:139 Resp: 82151

Ion Ratio Lower Upper

139 100

109 65.1 42.9 82.9

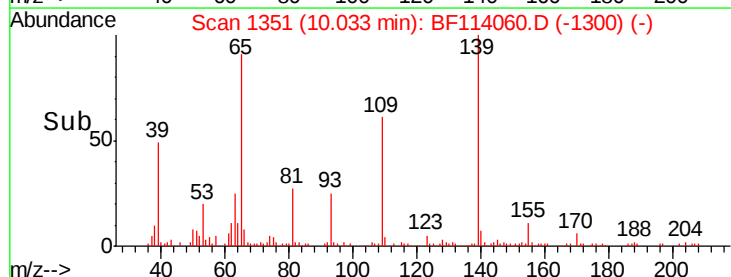
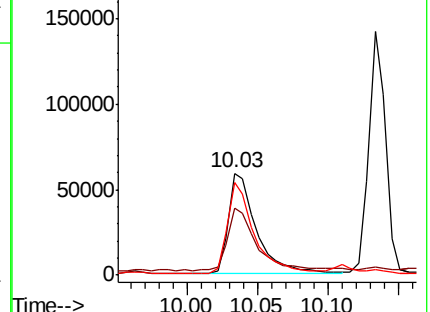
65 91.3 64.4 104.4

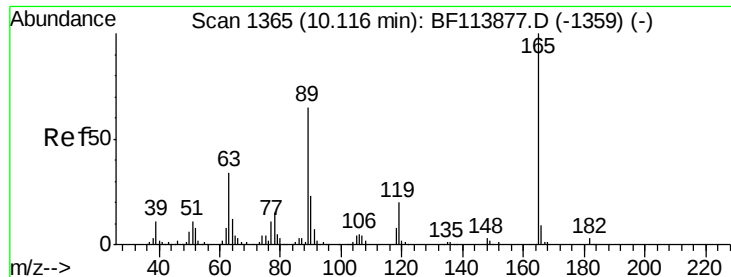


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 18.175 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

Tot Ion:165 Resp: 81754

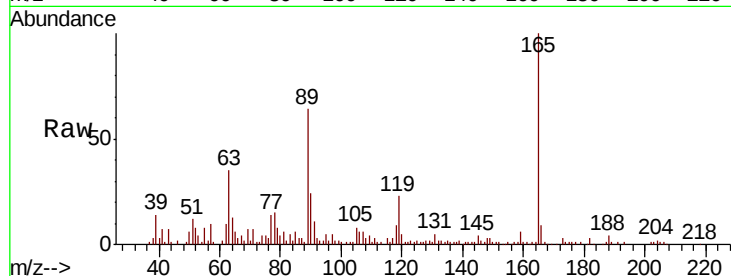
Ion Ratio Lower Upper

165 100

63 35.1 27.4 41.0

89 64.2 51.8 77.6

182 2.9 2.2 3.2

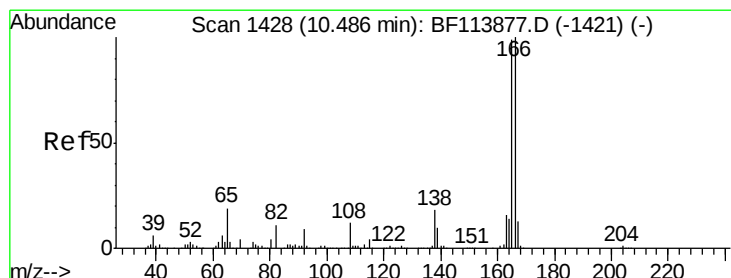
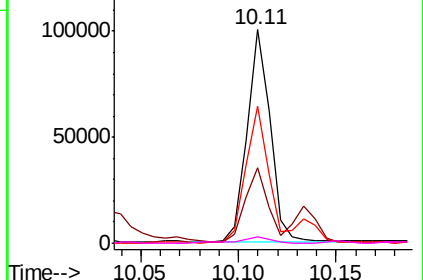
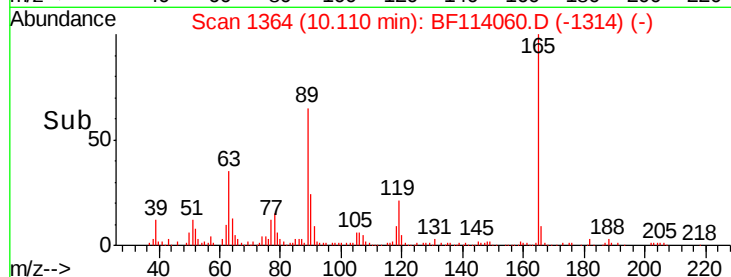


Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.295 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

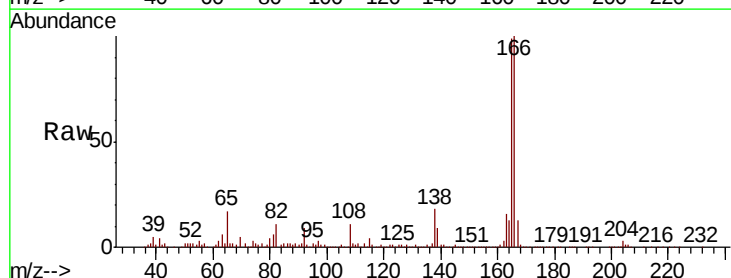
Tgt Ion:166 Resp: 272372

Ion Ratio Lower Upper

166 100

165 98.9 78.4 117.6

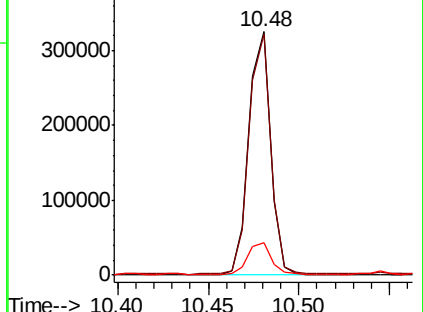
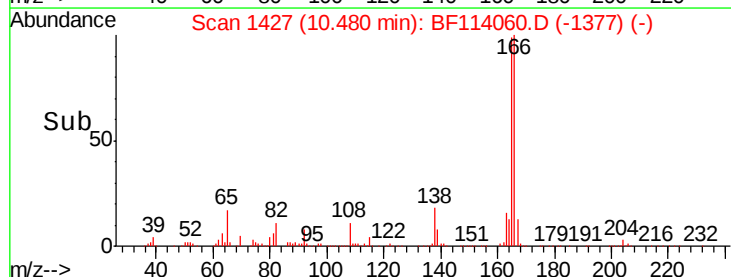
167 13.2 10.9 16.3

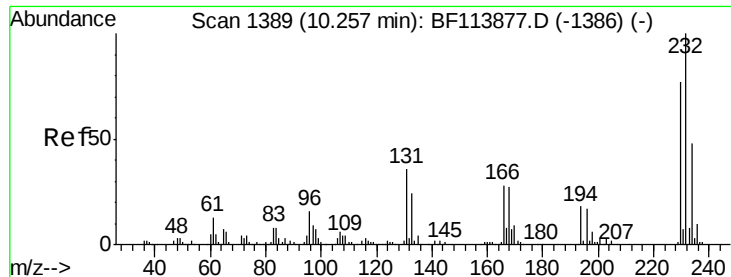


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

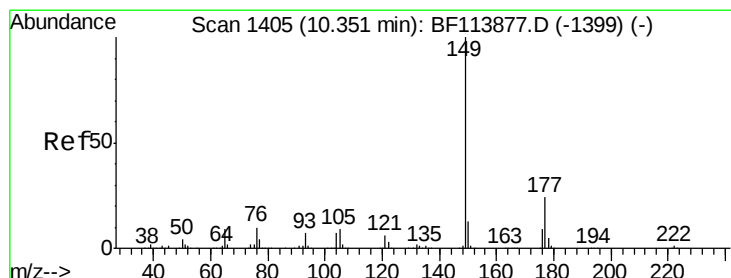
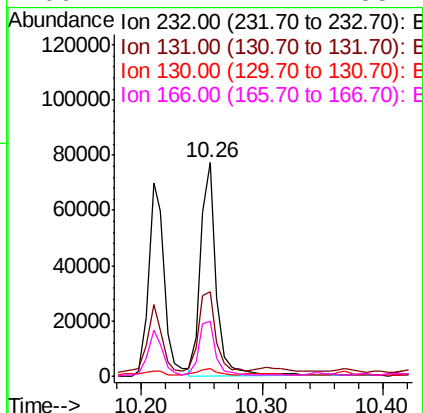
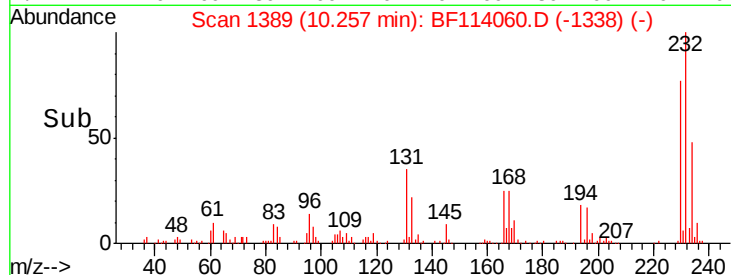
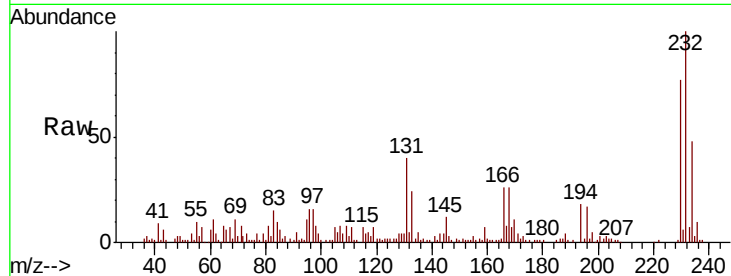




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 14.923 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

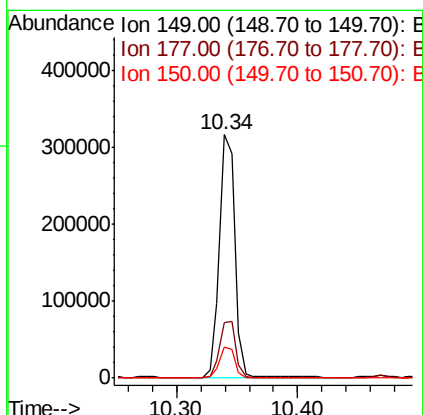
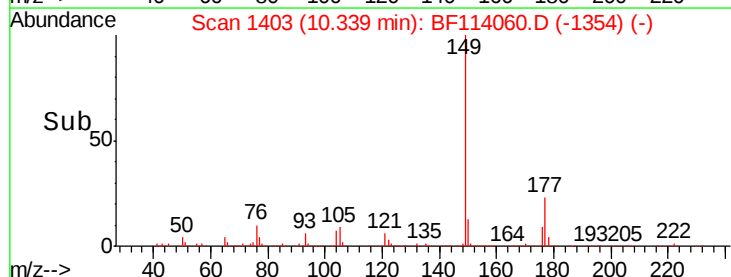
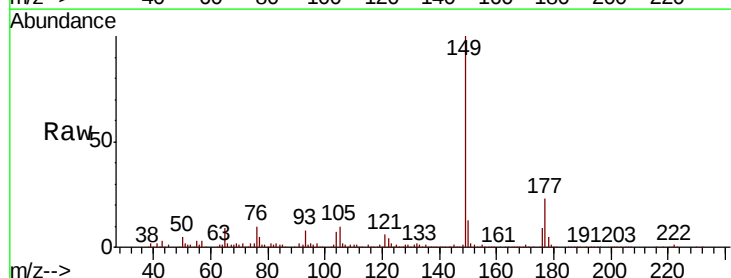
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

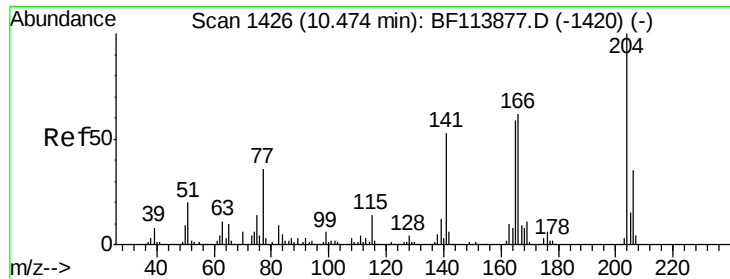
Tot Ion:232 Resp: 69687
 Ion Ratio Lower Upper
 232 100
 131 42.3 30.2 45.2
 130 4.2 1.5 2.3#
 166 27.4 22.2 33.4



#60
 Diethylphthalate
 Concen: 17.527 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Tgt Ion:149 Resp: 276478
 Ion Ratio Lower Upper
 149 100
 177 22.9 19.2 28.8
 150 12.9 10.3 15.5

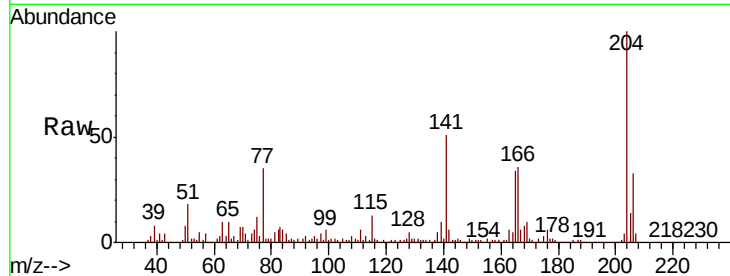




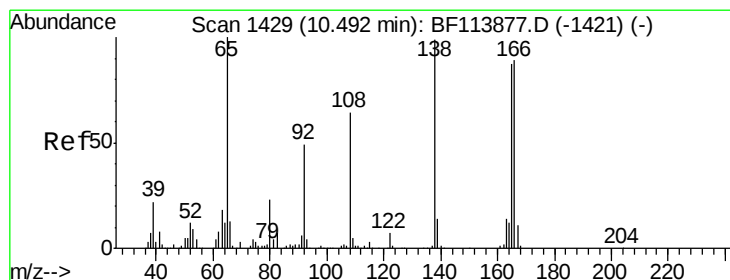
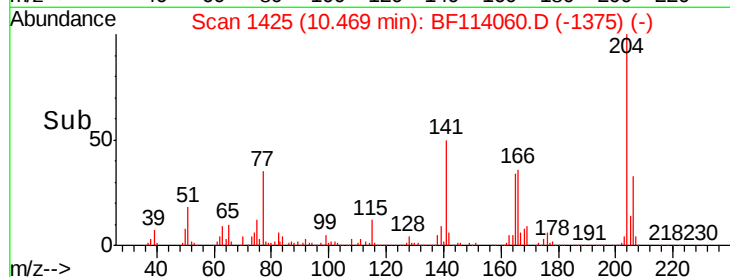
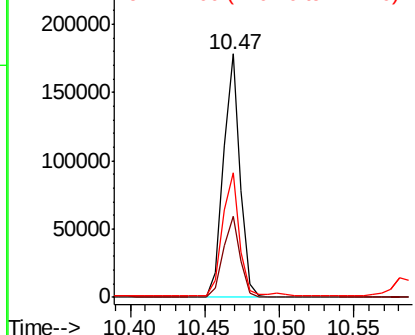
#61
4-Chlorophenyl-phenylether
Concen: 17.902 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.4	41.2
141	51.0	42.6	63.8

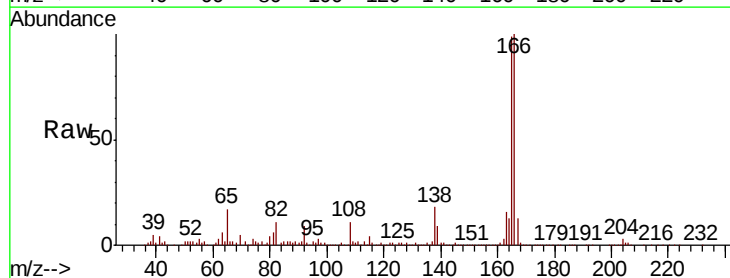


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

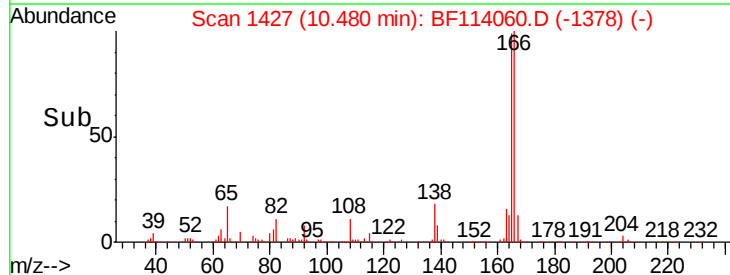
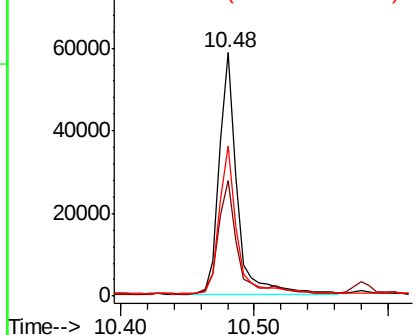


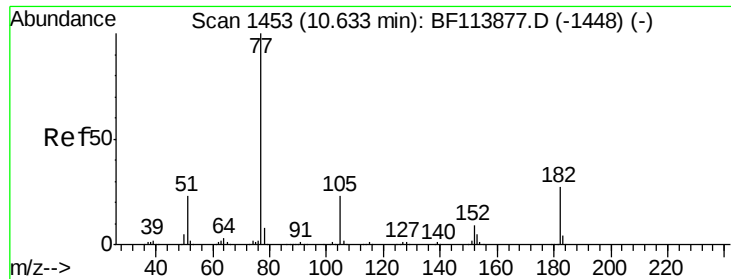
#62
4-Nitroaniline
Concen: 15.175 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	31.3	71.3
108	61.7	48.9	88.9



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: 15.795 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

Tot Ion: 77 Resp: 241467

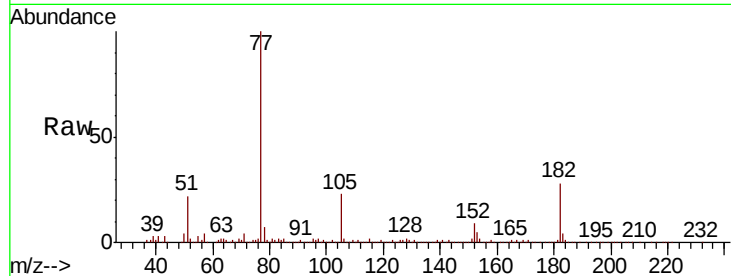
Ion Ratio Lower Upper

77 100

182 27.7 4.4 44.4

105 22.6 2.2 42.2

51 21.9 3.9 43.9

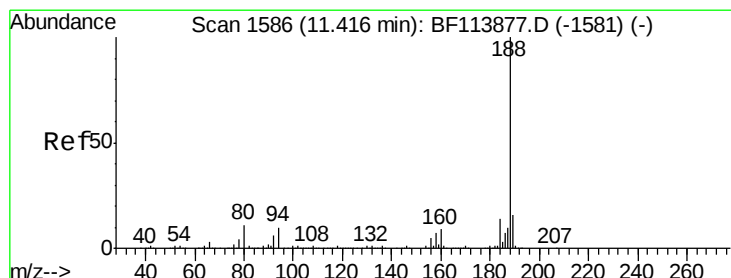
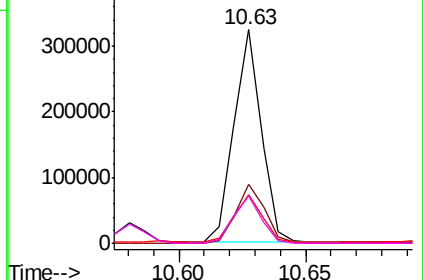
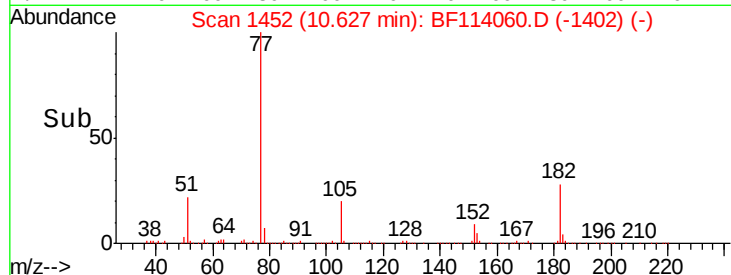


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

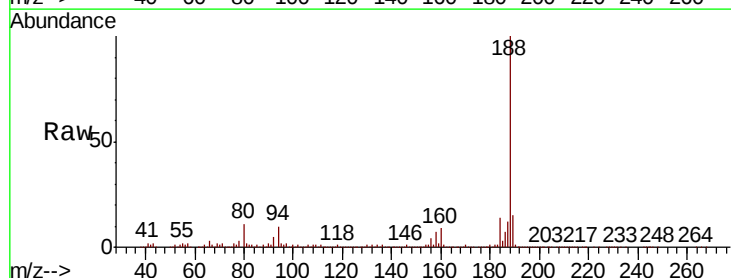
Tgt Ion: 188 Resp: 408771

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

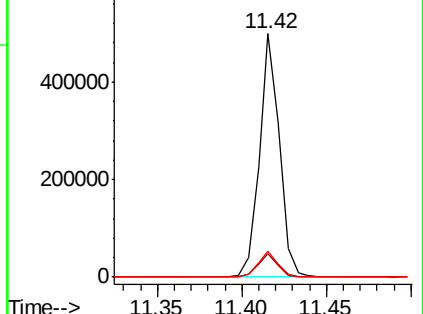
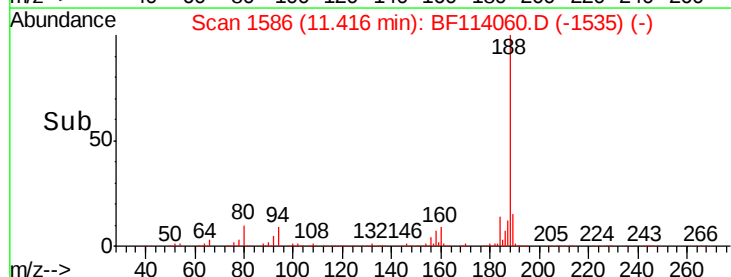
80 10.6 9.0 13.6

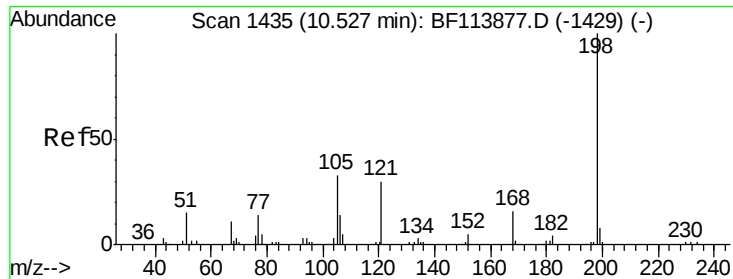


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

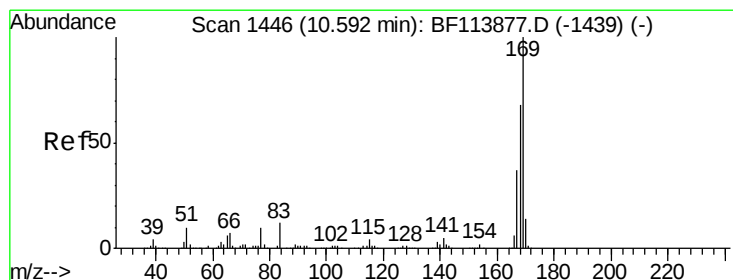
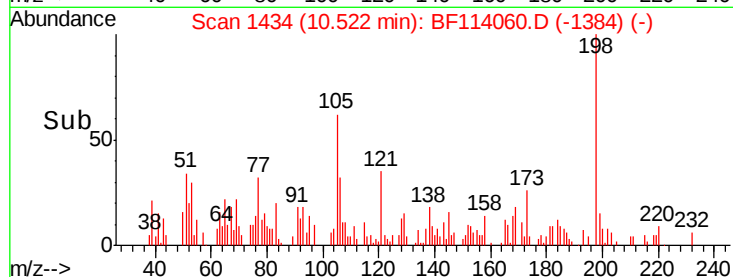
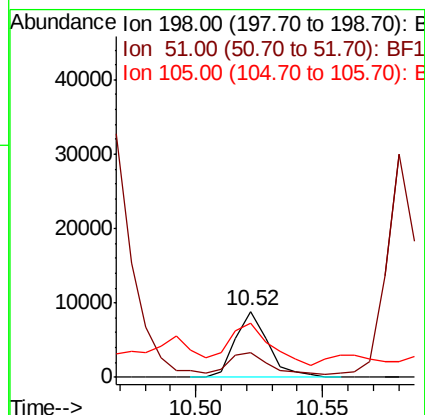
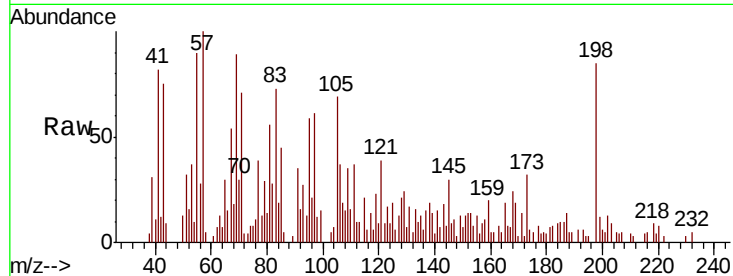




#65
4,6-Dinitro-2-methylphenol
Concen: 10.938 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

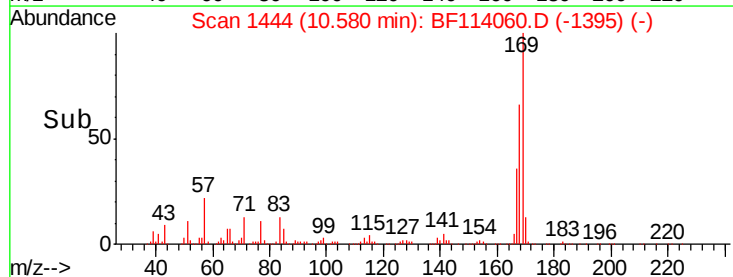
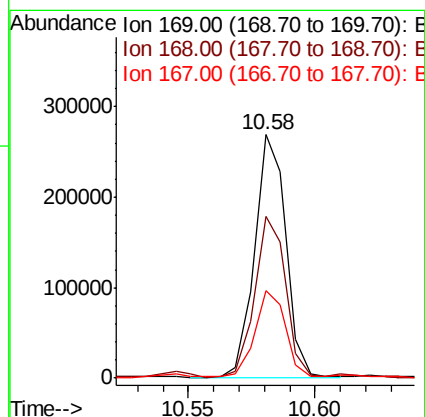
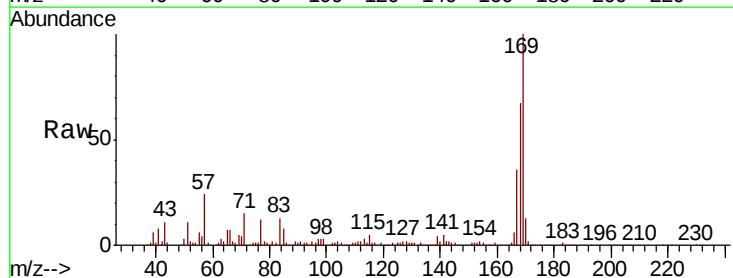
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

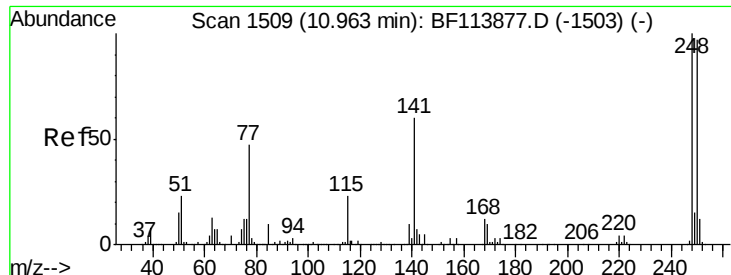
Tot Ion:198 Resp: 8022
Ion Ratio Lower Upper
198 100
51 38.1 11.1 51.1
105 81.0 20.7 60.7#



#66
n-Nitrosodiphenylamine
Concen: 18.795 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:169 Resp: 230523
Ion Ratio Lower Upper
169 100
168 66.6 54.3 81.5
167 35.9 29.4 44.0

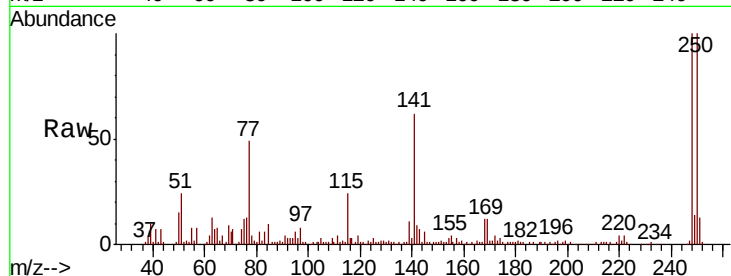




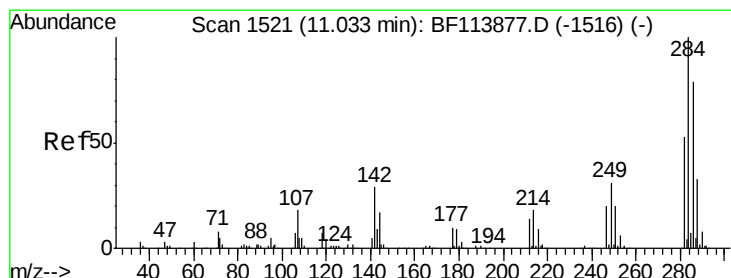
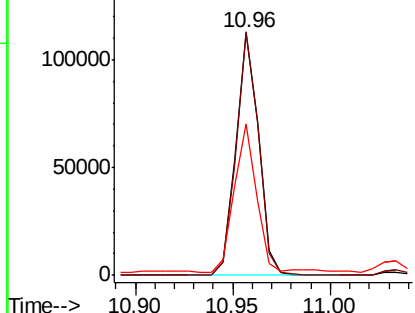
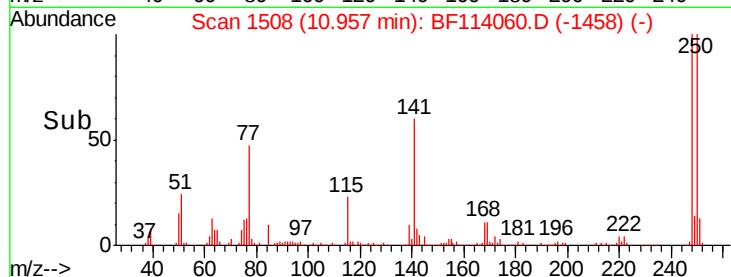
#67
4-Bromophenyl-phenylether
Concen: 18.358 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion:248 Resp: 90656
Ion Ratio Lower Upper
248 100
250 100.4 75.8 113.6
141 62.2 50.2 75.4

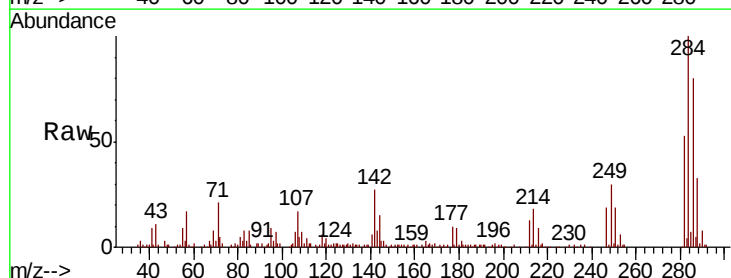


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

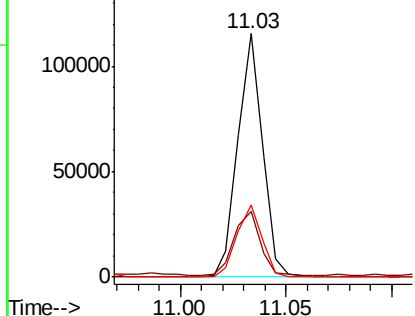
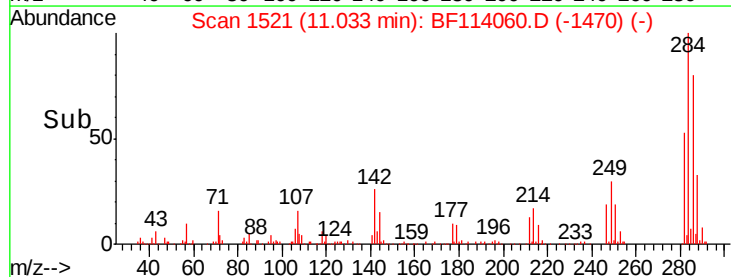


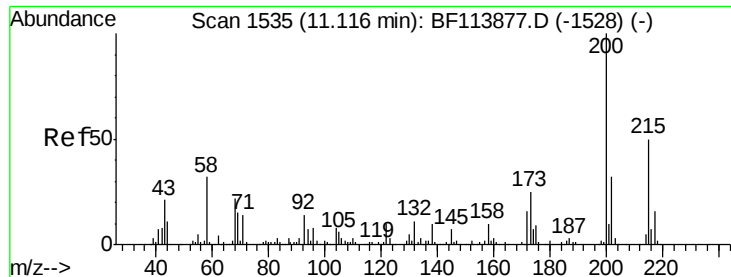
#68
Hexachlorobenzene
Concen: 17.140 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:284 Resp: 93008
Ion Ratio Lower Upper
284 100
142 26.8 23.0 34.4
249 29.7 24.4 36.6



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





#69

Atrazine

Concen: 20.277 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

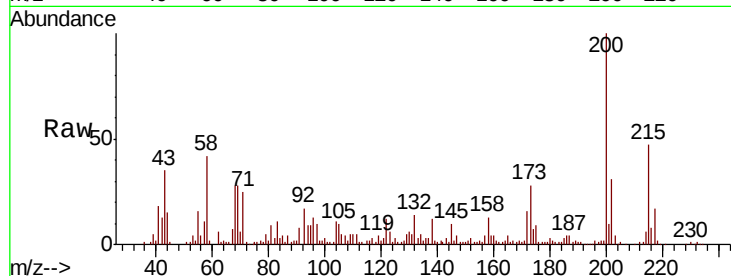
Tot Ion:200 Resp: 80905

Ion Ratio Lower Upper

200 100

173 27.6 5.9 45.9

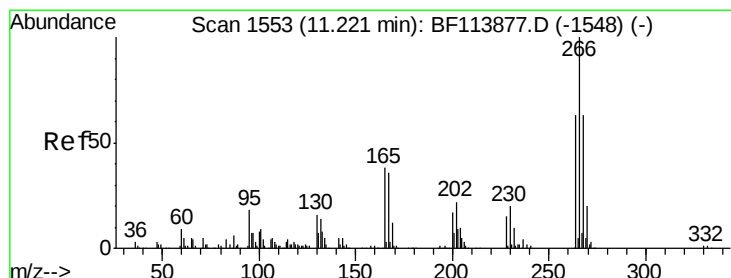
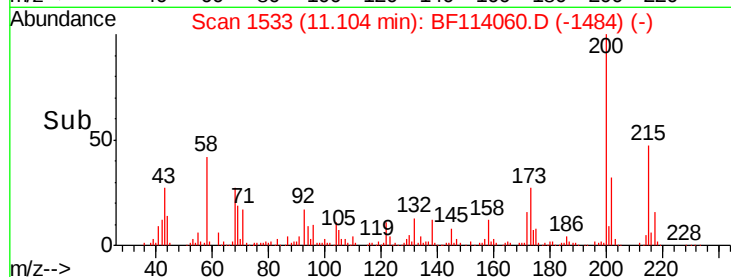
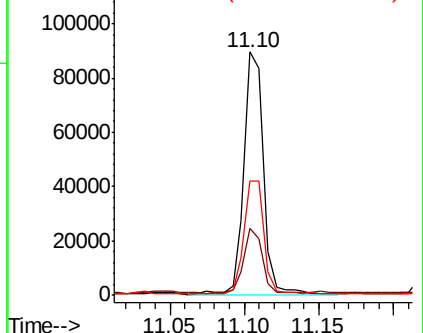
215 47.2 29.3 69.3



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: 27.855 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

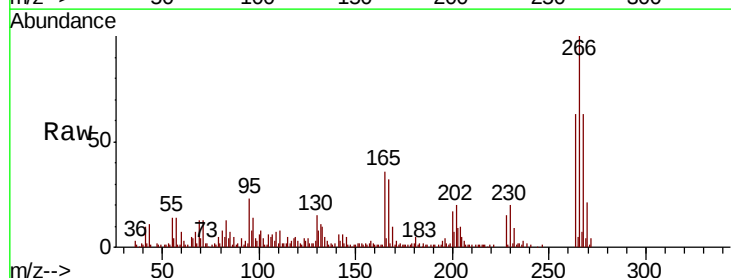
Tgt Ion:266 Resp: 85582

Ion Ratio Lower Upper

266 100

268 62.8 53.5 80.3

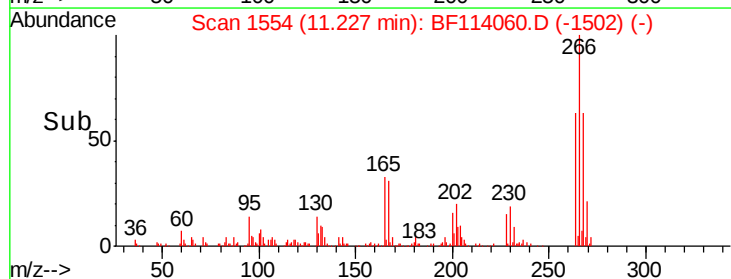
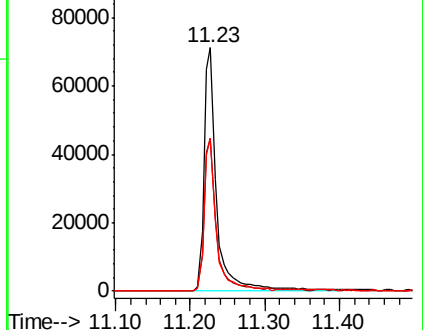
264 62.7 51.0 76.6

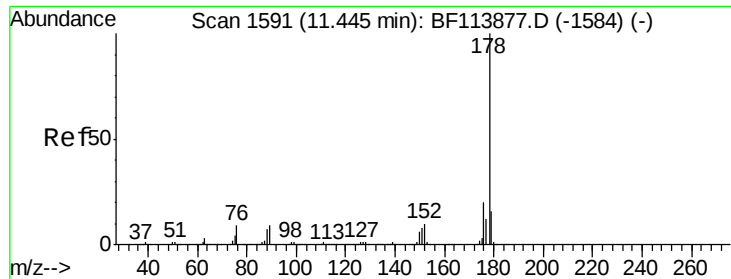


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

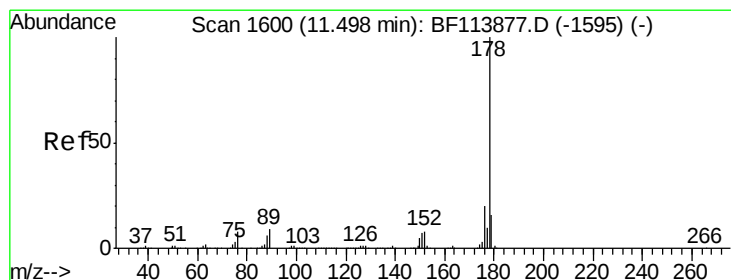
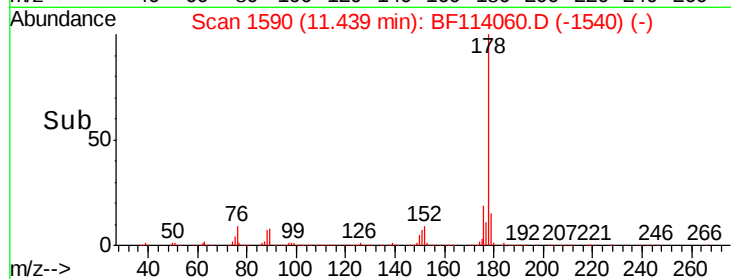
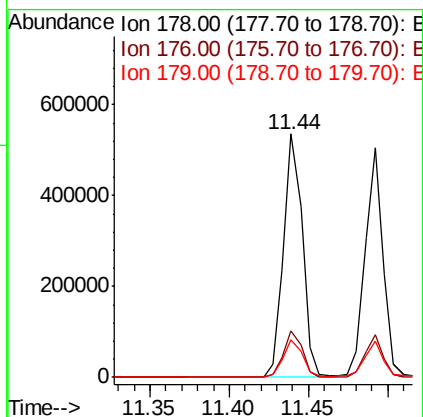
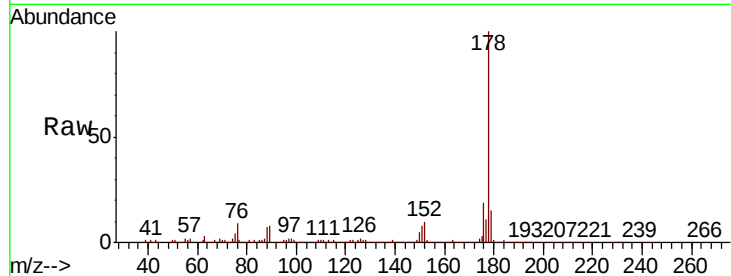




#71
Phenanthrene
Concen: 21.574 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

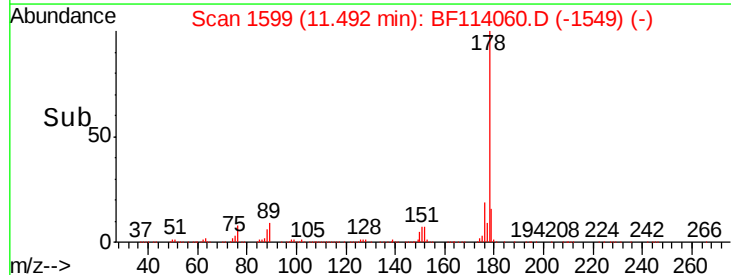
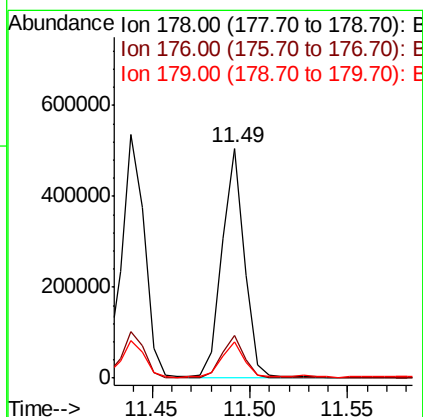
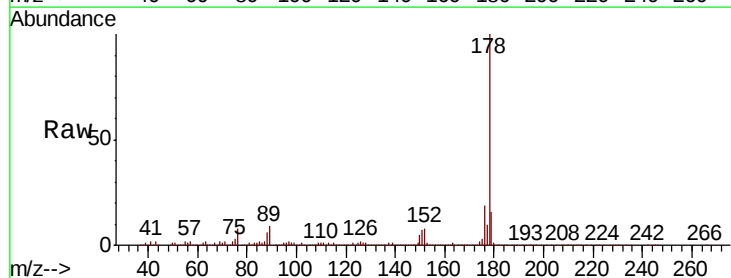
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

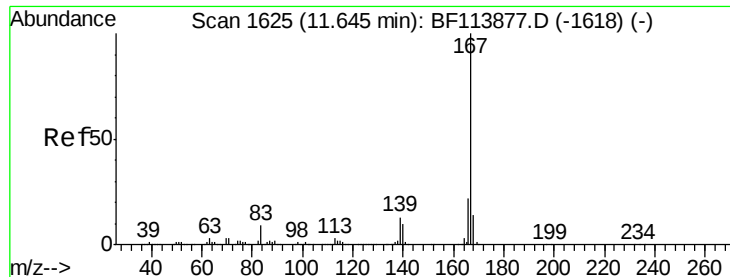
Tot Ion:178 Resp: 443202
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 15.5 12.8 19.2



#72
Anthracene
Concen: 19.403 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion:178 Resp: 402521
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.8 13.0 19.4

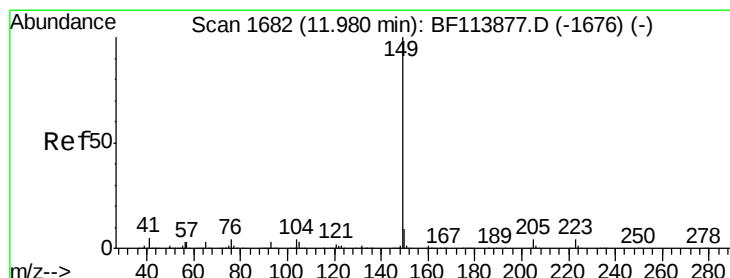
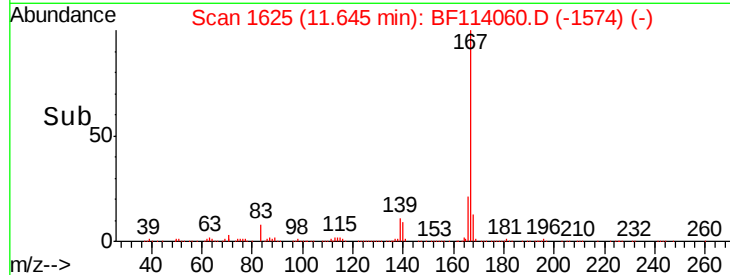
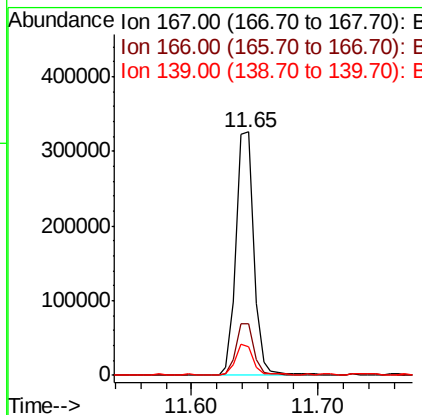
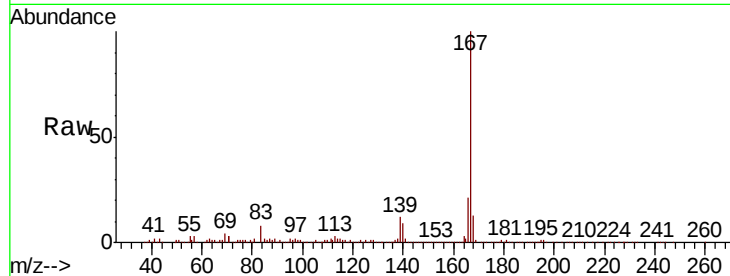




#73
 Carbazole
 Concen: 16.822 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

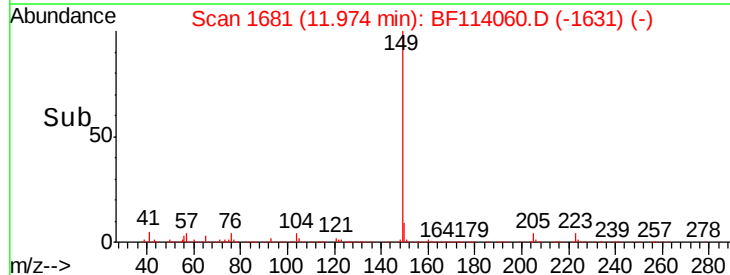
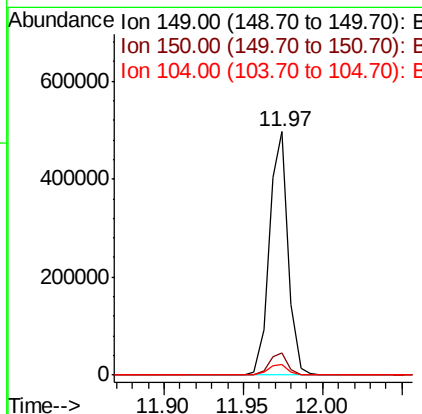
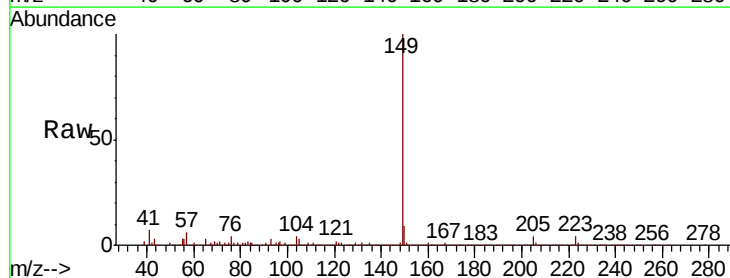
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMSD

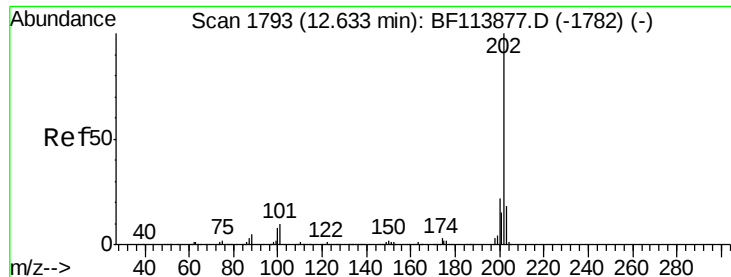
Tot Ion:167 Resp: 311341
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 11.8 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 18.719 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF114060.D
 Acq: 1 May 2019 11:17

Tgt Ion:149 Resp: 407536
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.8
 104 4.2 3.8 5.8





#75

Fluoranthene

Concen: 23.975 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

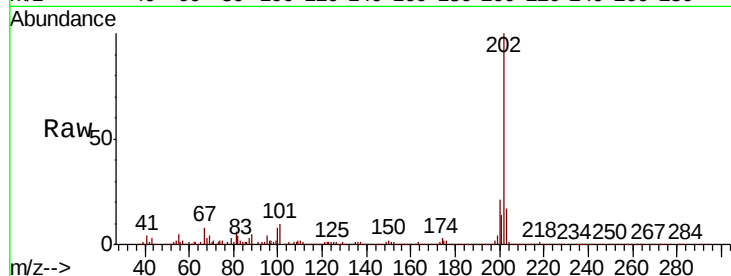
Tot Ion:202 Resp: 537353

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.9

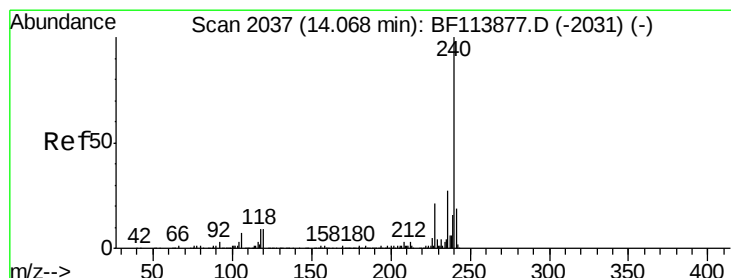
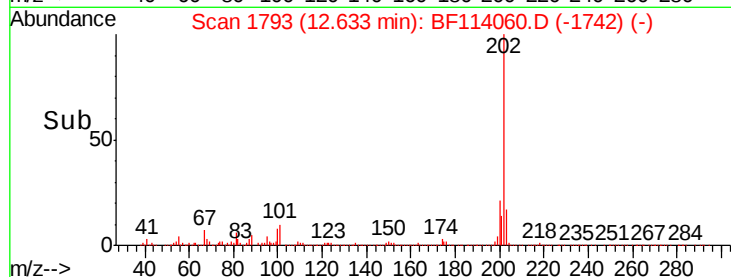
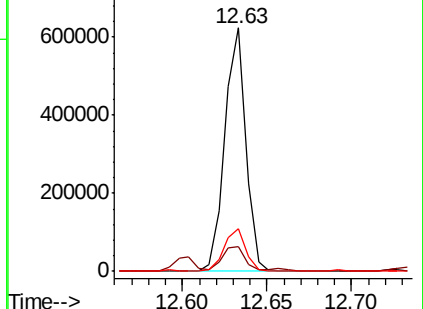
203 17.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

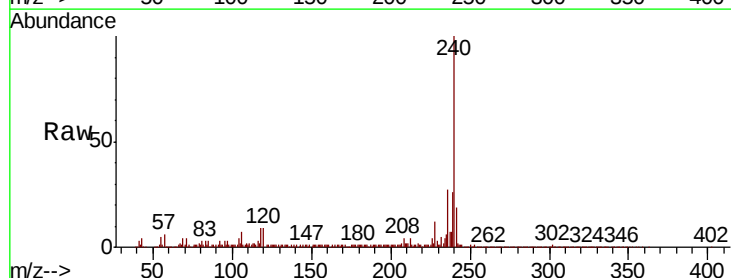
Tgt Ion:240 Resp: 339199

Ion Ratio Lower Upper

240 100

120 8.9 9.3 13.9#

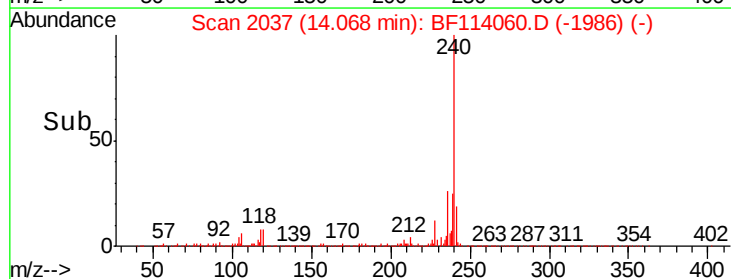
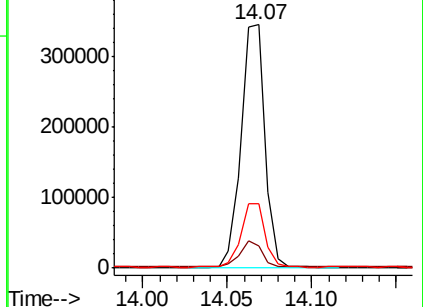
236 26.6 21.2 31.8

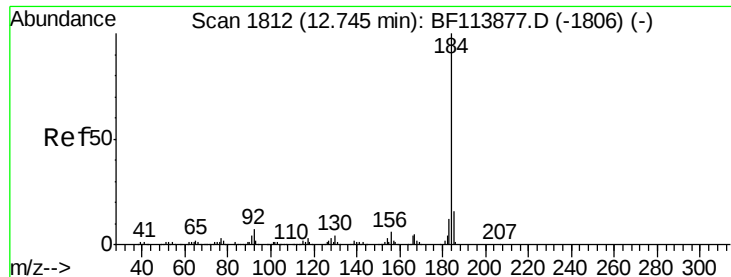


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.472 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

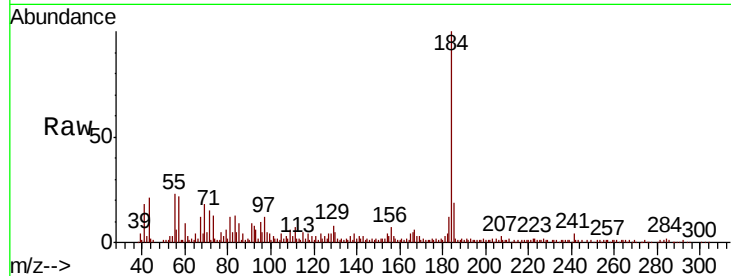
Tot Ion:184 Resp: 75516

Ion Ratio Lower Upper

184 100

185 18.8 13.0 19.6

183 12.4 9.4 14.0

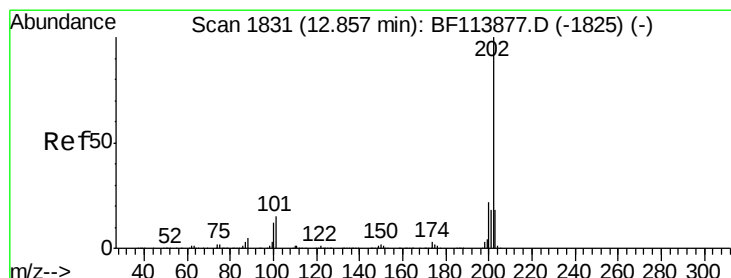
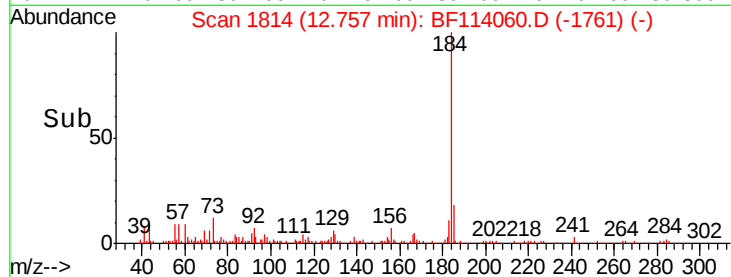
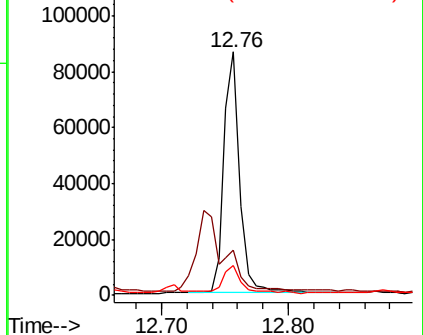


Abundance

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: 22.103 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

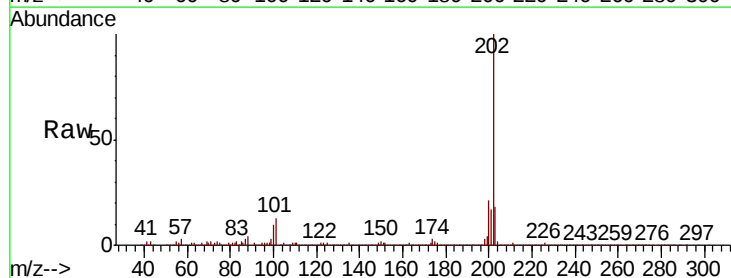
Tgt Ion:202 Resp: 524301

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

203 17.7 15.0 22.6

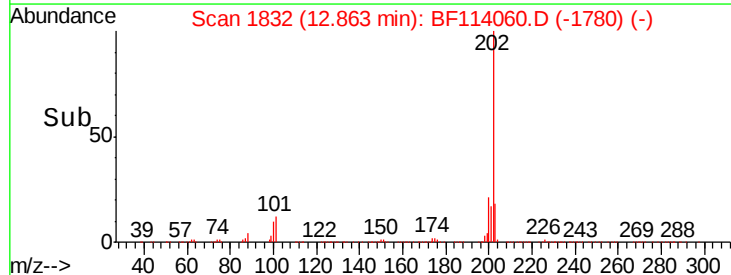
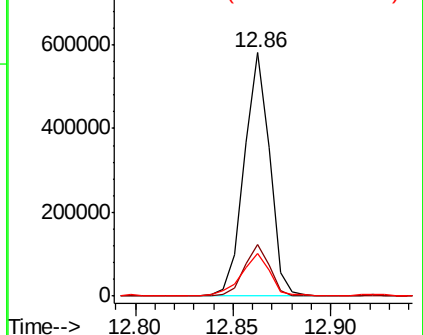


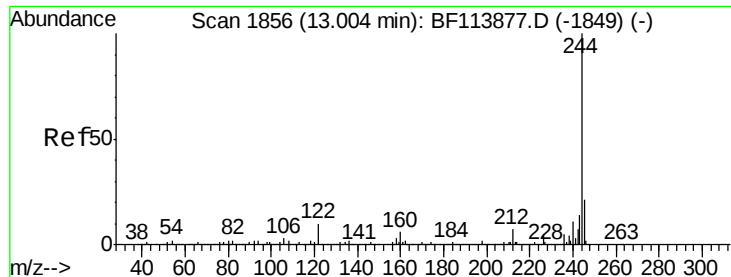
Abundance

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: 32.855 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

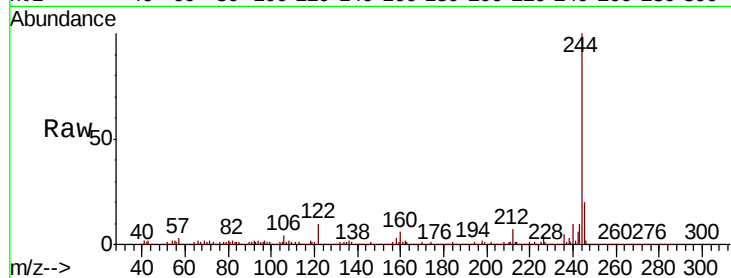
Tot Ion:244 Resp: 543594

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

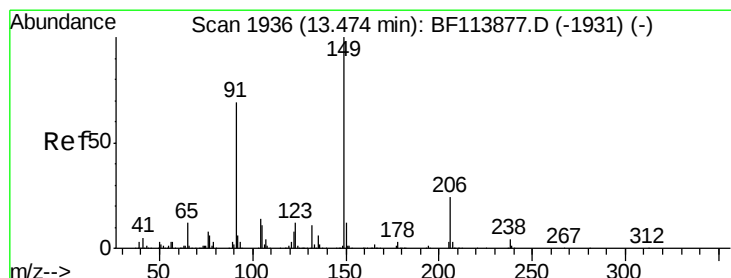
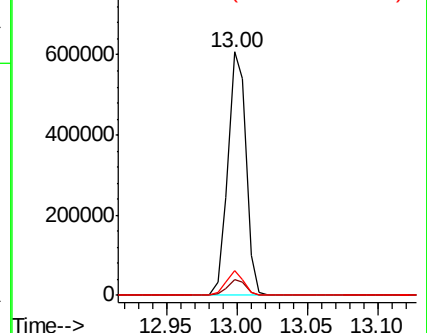
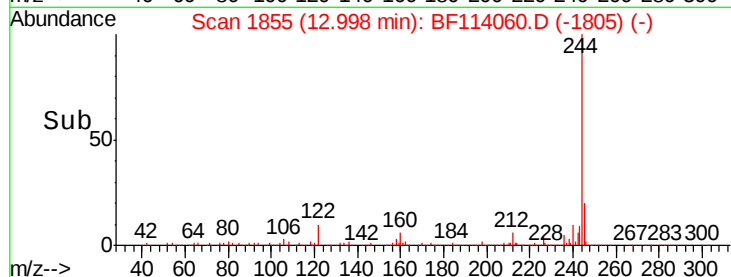
122 10.4 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 17.470 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

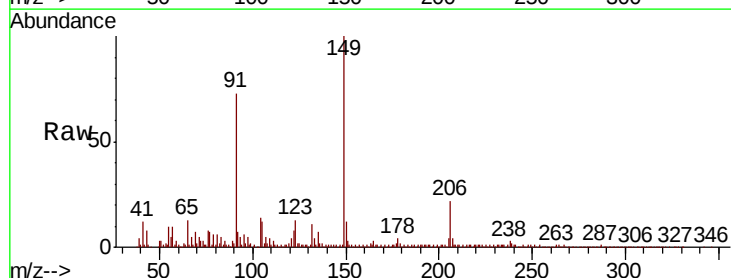
Tgt Ion:149 Resp: 163044

Ion Ratio Lower Upper

149 100

91 72.9 56.3 84.5

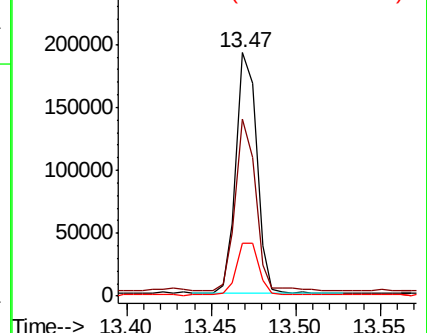
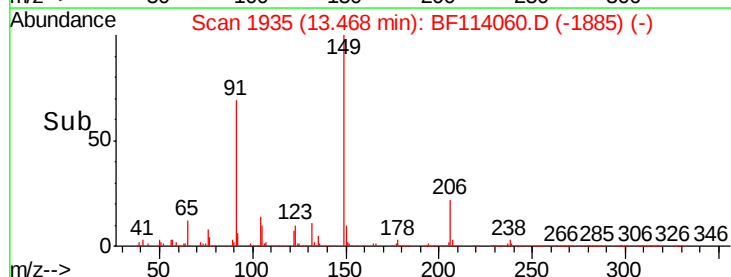
206 22.0 19.0 28.6

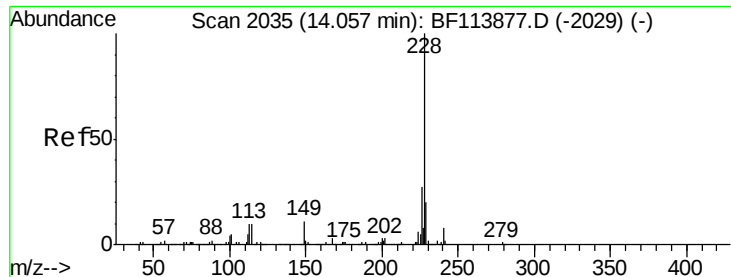


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 23.375 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

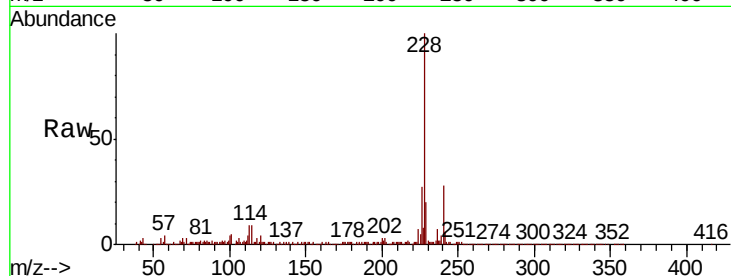
Tot Ion:228 Resp: 467144

Ion Ratio Lower Upper

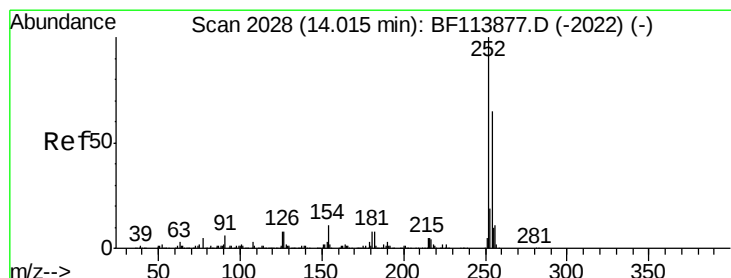
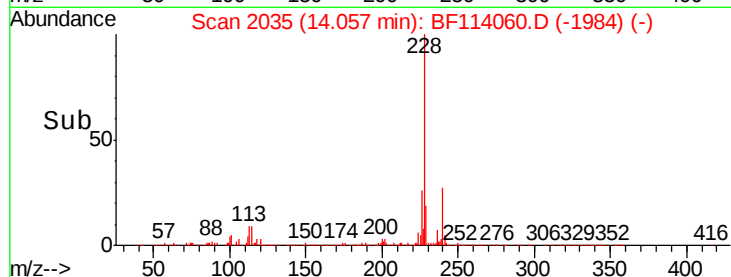
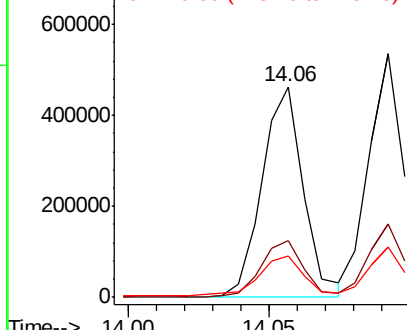
228 100

226 26.7 22.2 33.2

229 19.9 16.0 24.0



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: 11.945 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

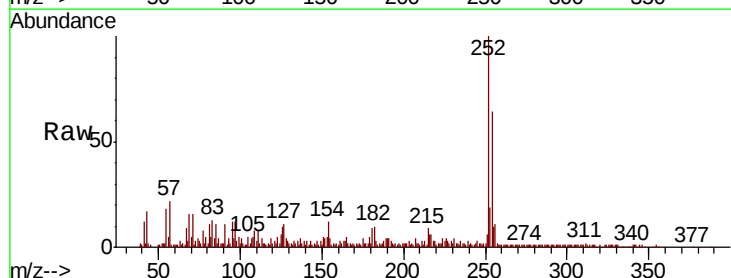
Tgt Ion:252 Resp: 87496

Ion Ratio Lower Upper

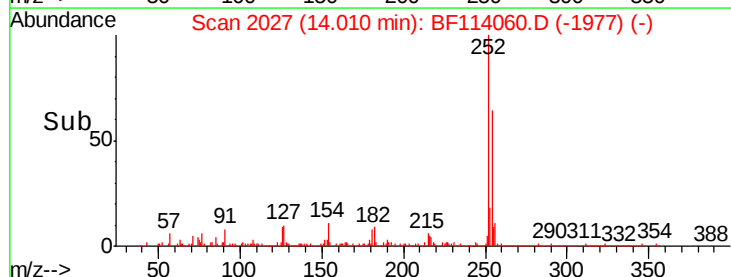
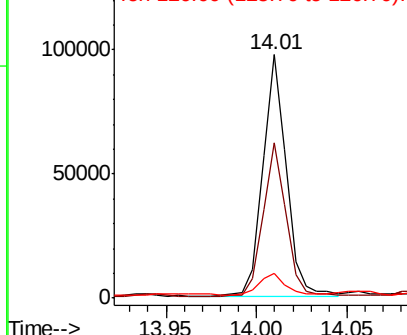
252 100

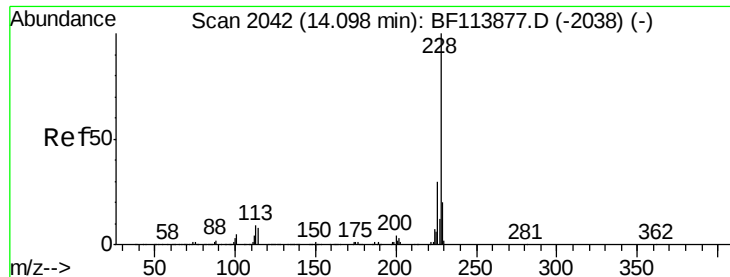
254 63.8 52.1 78.1

126 10.2 9.3 13.9



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: 23.264 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

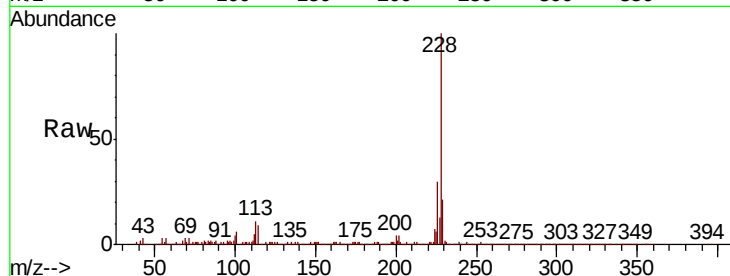
Tot Ion:228 Resp: 452800

Ion Ratio Lower Upper

228 100

226 30.0 25.2 37.8

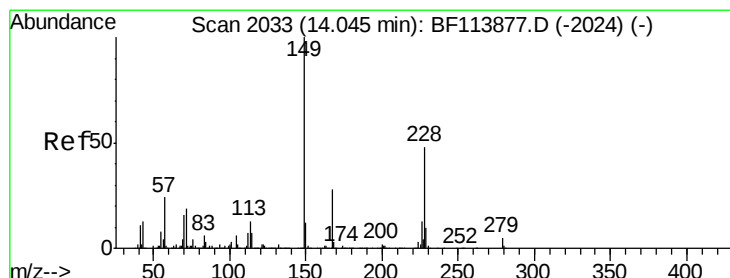
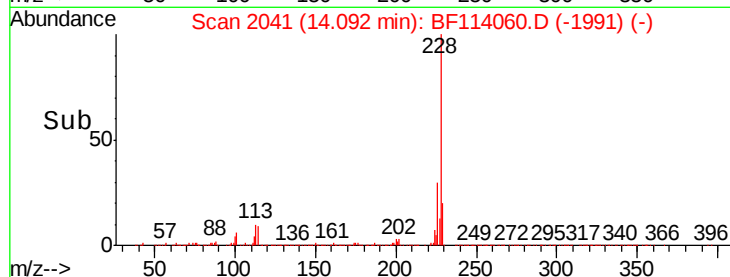
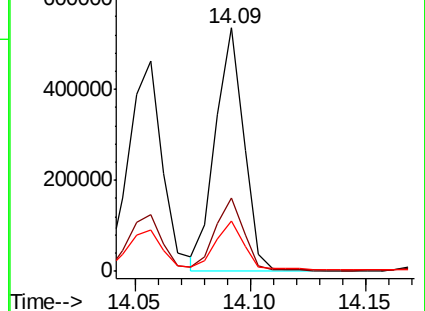
229 20.6 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.280 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

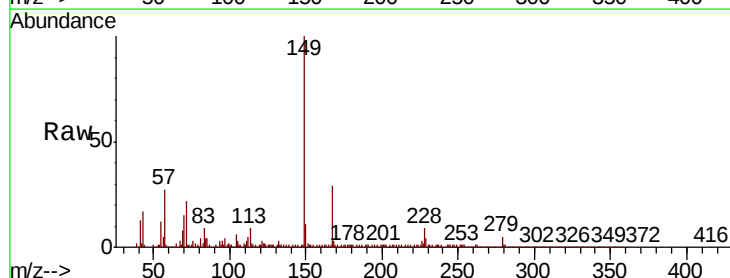
Tgt Ion:149 Resp: 252680

Ion Ratio Lower Upper

149 100

167 29.2 22.9 34.3

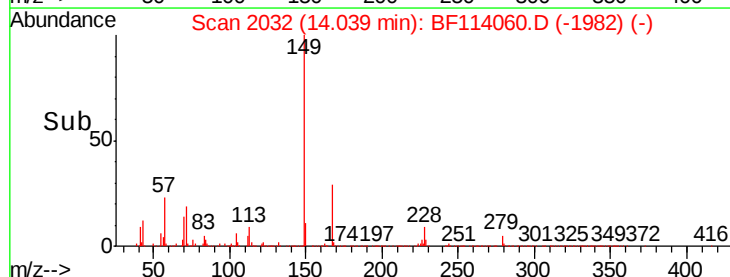
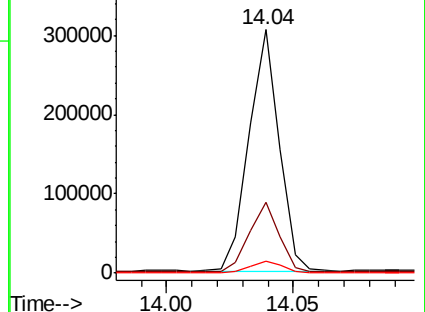
279 5.0 4.2 6.2

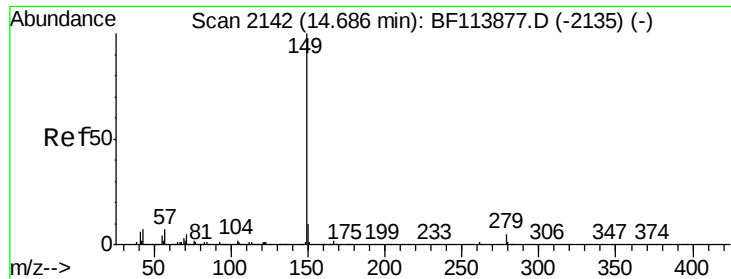


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

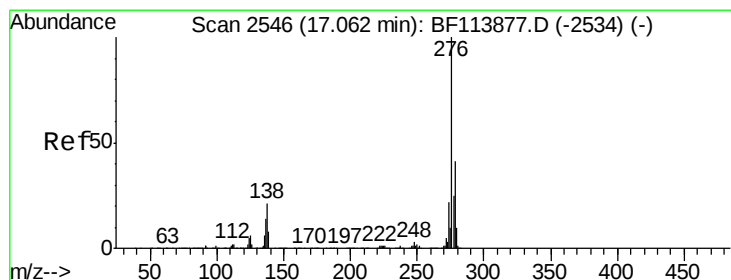
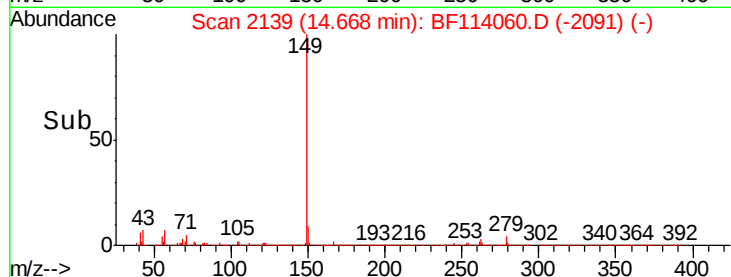
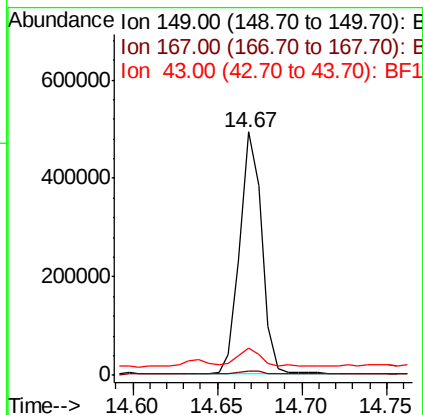
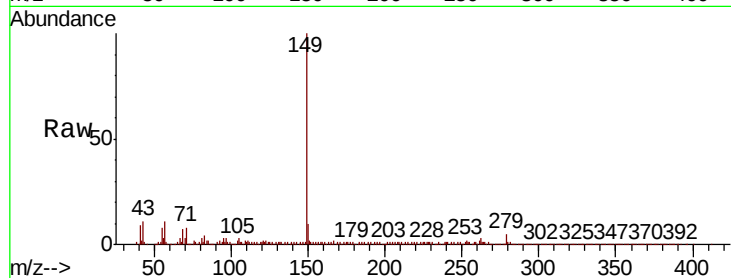




#85
Di-n-octyl phthalate
Concen: 23.766 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

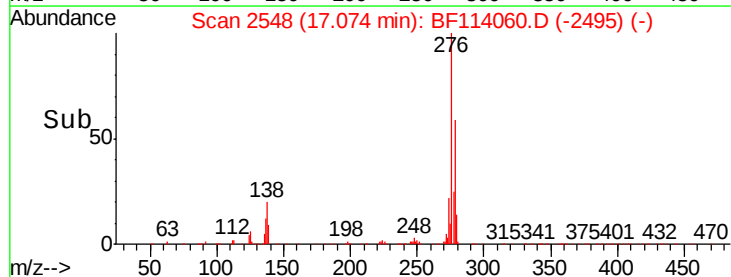
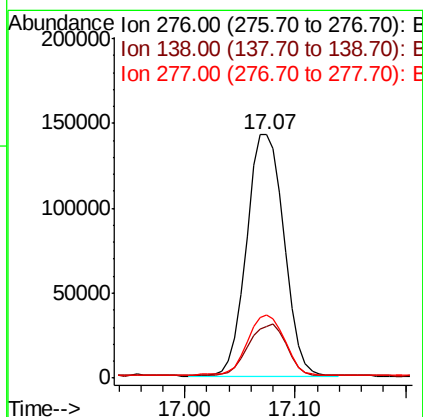
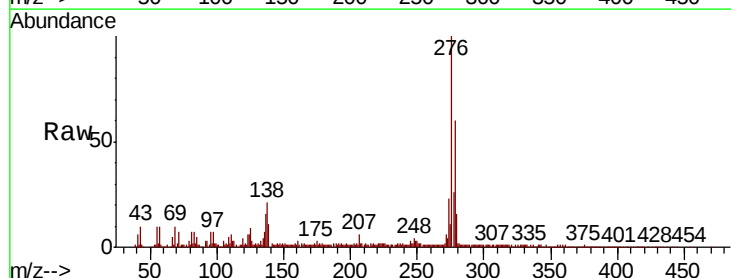
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

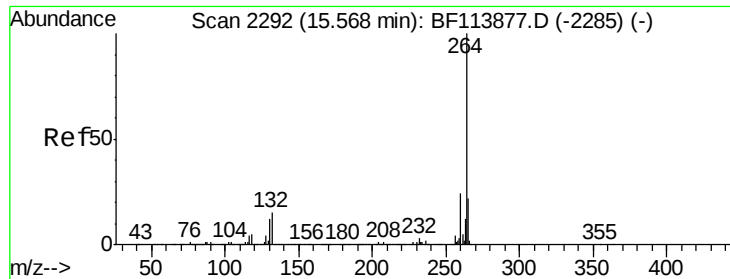
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.7	6.6	10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 18.374 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.6	29.4
277	25.0	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMSD

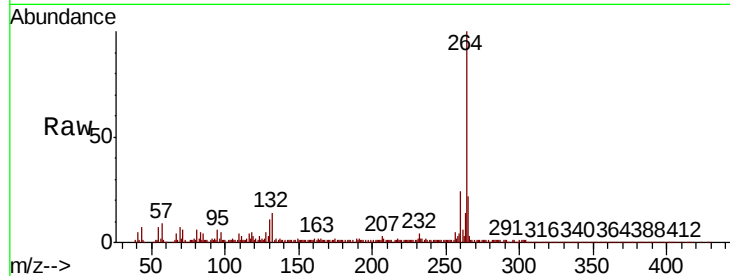
Tot Ion:264 Resp: 358407

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

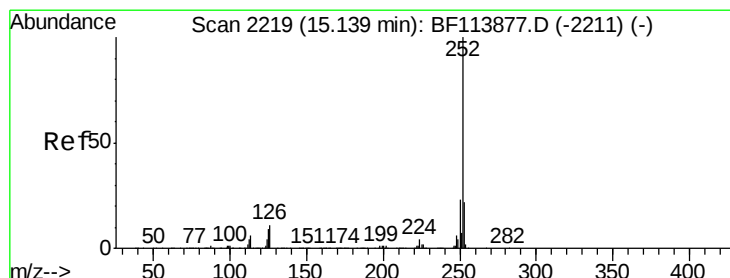
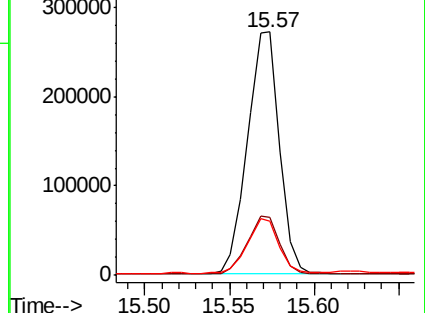
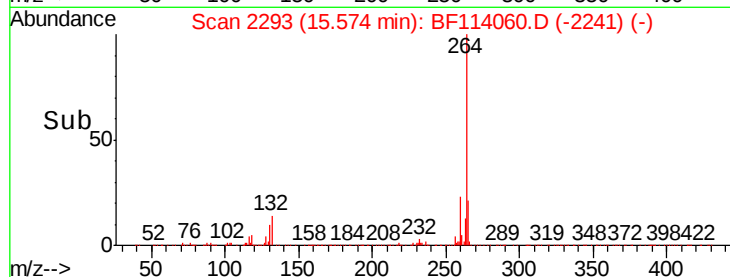
265 22.0 17.3 25.9



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: 21.345 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF114060.D

Acq: 1 May 2019 11:17

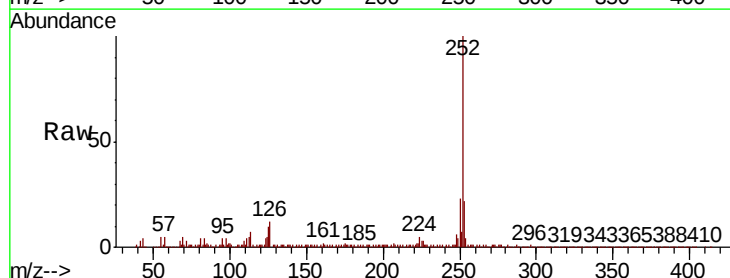
Tgt Ion:252 Resp: 484029

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

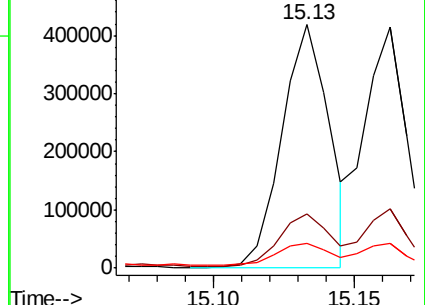
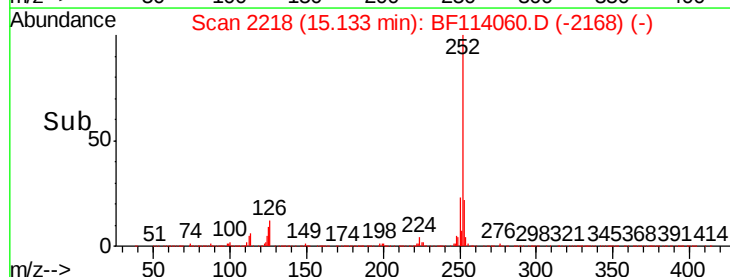
125 10.2 7.0 10.6

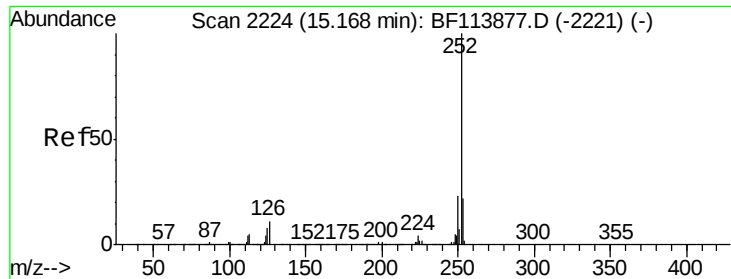


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

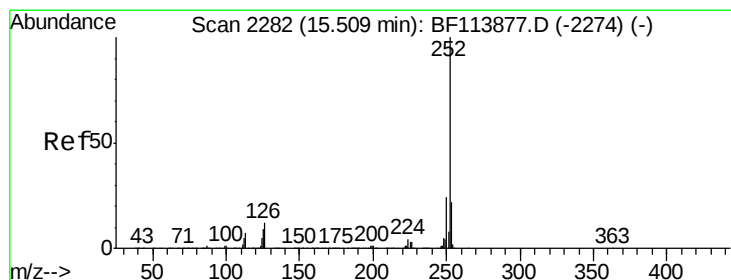
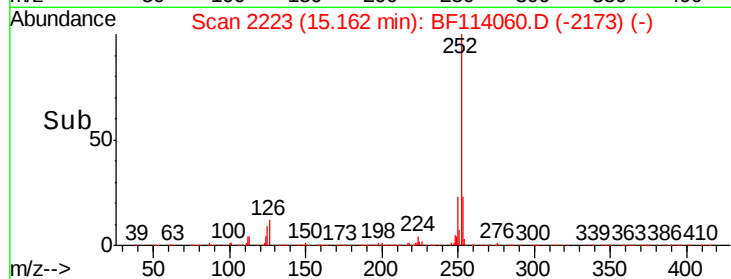
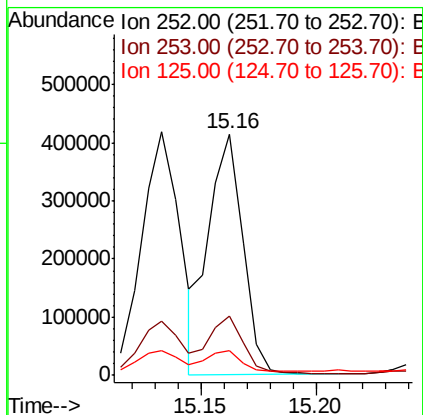
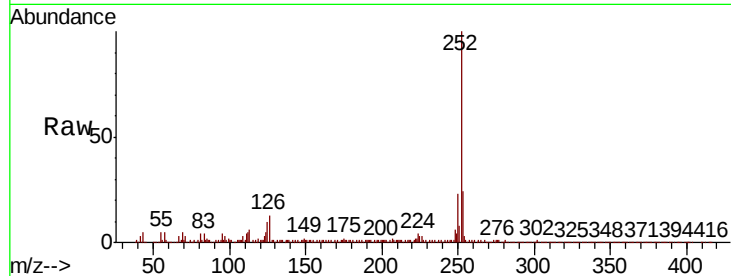




#89
Benzo(k)fluoranthene
Concen: 21.812 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

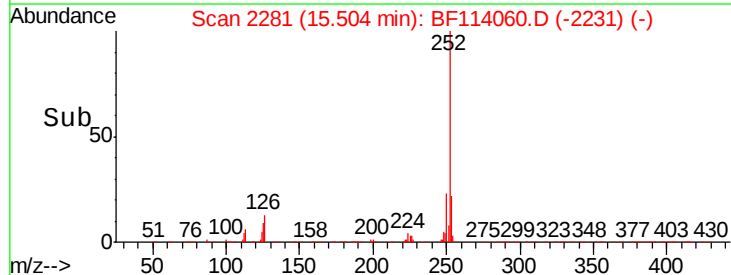
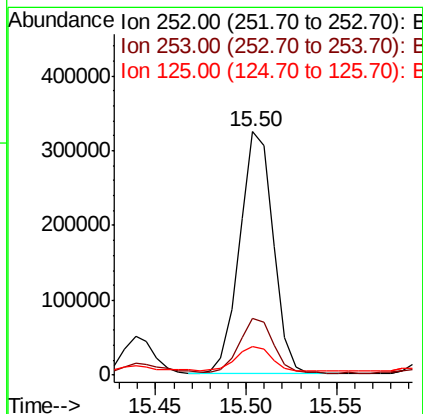
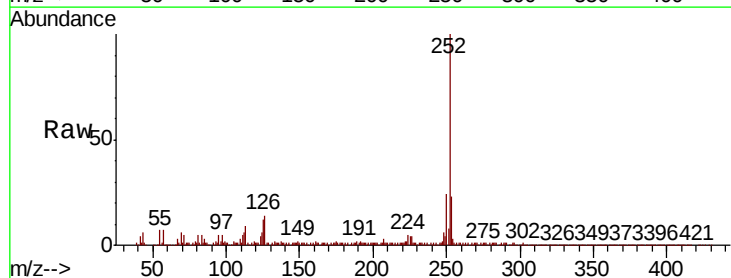
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

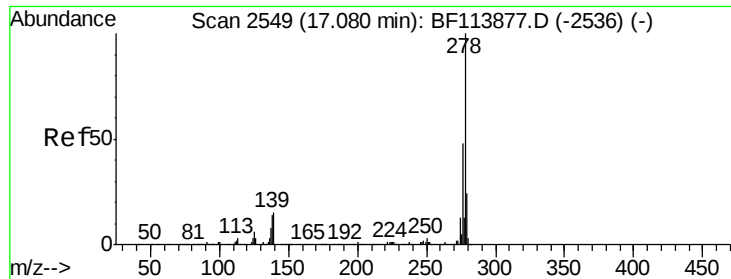
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	10.3	7.4	11.2



#90
Benzo(a)pyrene
Concen: 21.222 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.7	8.5	12.7

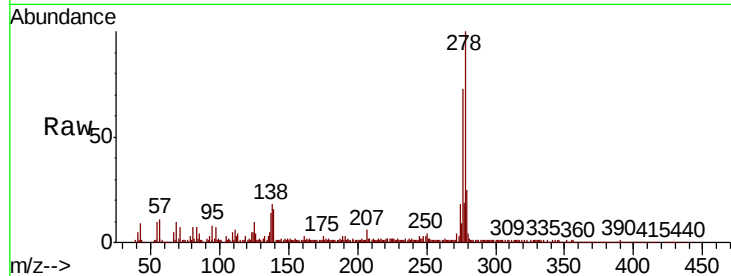




#91
Dibenzo(a,h)anthracene
Concen: 14.340 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.6	17.4
279	25.0	19.0	28.6

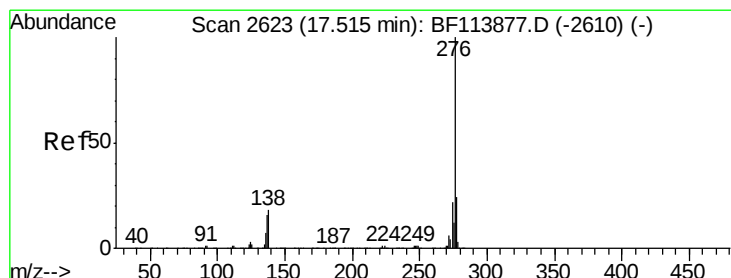
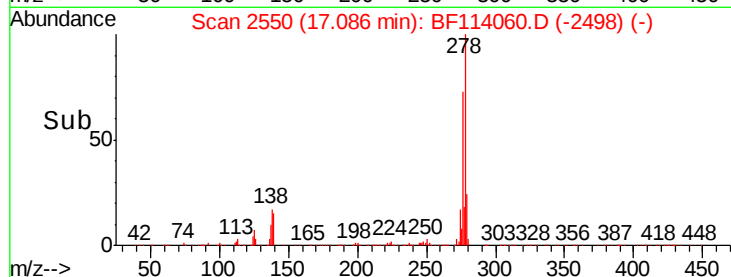
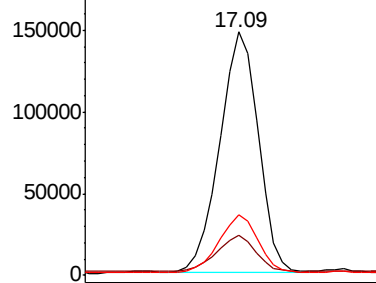


Abundance

Ion 278.00 (277.70 to 278.70): E

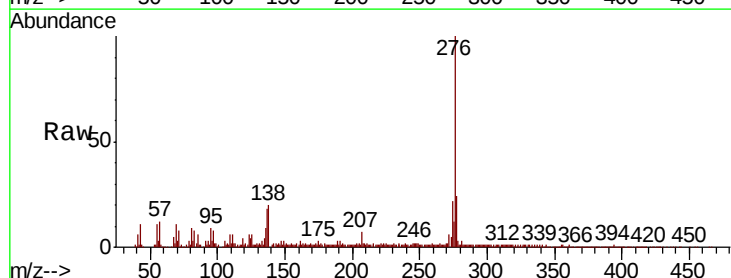
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 14.860 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF114060.D
Acq: 1 May 2019 11:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.7	16.6	25.0



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

