

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114059.D
 Acq On : 1 May 2019 10:50
 Operator : JU/SJ
 Sample : K2194-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: May 01 14:32:47 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	89183	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	369892	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	188587	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	416379	20.00	ng	0.00
76) Chrysene-d12	14.06	240	298877	20.00	ng	-0.01
87) Perylene-d12	15.56	264	283630	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	255736	49.05	ng	0.00
7) Phenol-d6	6.52	99	352528	53.89	ng	0.00
23) Nitrobenzene-d5	7.45	82	197512	32.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	123542	53.78	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	460612	38.20	ng	-0.01
79) Terphenyl-d14	13.00	244	559717	38.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	35263	14.346	ng	95
3) Pyridine	3.40	79	86751	12.930	ng	97
6) Aniline	6.55	93	95394	10.619	ng	96
8) 2-Chlorophenol	6.67	128	98137	16.485	ng	99
9) Benzaldehyde	6.44	77	20520	1.236	ng	93
10) Phenol	6.53	94	129727	16.583	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	94163	15.996	ng	98
12) 1,3-Dichlorobenzene	6.83	146	110941	16.454	ng	98
13) 1,4-Dichlorobenzene	6.91	146	117547	17.333	ng	100
14) 1,2-Dichlorobenzene	7.06	146	108864	17.467	ng	97
15) Benzyl Alcohol	7.03	79	81155	18.419	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.16	45	111485	16.224	ng	92
17) 2-Methylphenol	7.14	107	83033	15.912	ng	99
18) Hexachloroethane	7.40	117	37989	15.980	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	70931	16.743	ng	96
20) 3+4-Methylphenols	7.29	107	102909	17.455	ng	# 54
22) Acetophenone	7.29	105	141257	17.161	ng	# 95
24) Nitrobenzene	7.46	77	104626	15.806	ng	97
25) Isophorone	7.70	82	207880	16.959	ng	98
26) 2-Nitrophenol	7.79	139	54488	18.043	ng	99
27) 2,4-Dimethylphenol	7.82	122	100452	20.416	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	134036	17.160	ng	100
29) 2,4-Dichlorophenol	8.03	162	99059	17.606	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	109449	17.446	ng	99
31) Naphthalene	8.19	128	320841	18.259	ng	99
32) Benzoic acid	7.82	122	100452	30.232	ng	# 14
33) 4-Chloroaniline	8.24	127	94434	12.701	ng	96
34) Hexachlorobutadiene	8.32	225	60014	15.346	ng	98
35) Caprolactam	8.58	113	29654	16.568	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	91314	16.382	ng	98
37) 2-Methylnaphthalene	8.89	142	210174	17.737	ng	99
38) 1-Methylnaphthalene	8.99	142	204291	17.863	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	104941	17.131	ng	99
41) Hexachlorocyclopentadiene	9.05	237	37606	11.009	ng	99

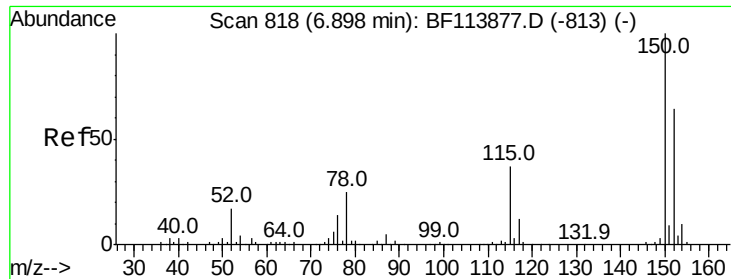
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	74074	19.043	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	80259	18.395	ng	98
46) 1,1'-Biphenyl	9.35	154	276433	19.188	ng	97
47) 2-Chloronaphthalene	9.37	162	216679	18.495	ng	99
48) 2-Nitroaniline	9.46	65	58650	19.096	ng	94
49) Acenaphthylene	9.79	152	343668	18.737	ng	97
50) Dimethylphthalate	9.64	163	291804	21.395	ng	99
51) 2,6-Dinitrotoluene	9.70	165	55485	18.962	ng	98
52) Acenaphthene	9.96	154	195334	18.021	ng	98
53) 3-Nitroaniline	9.87	138	44902	14.603	ng	96
54) 2,4-Dinitrophenol	9.99	184	5246	12.032	ng	# 5
55) Dibenzofuran	10.13	168	296190	18.242	ng	100
56) 4-Nitrophenol	10.03	139	87996	36.145	ng	100
57) 2,4-Dinitrotoluene	10.11	165	68940	18.666	ng	# 96
58) Fluorene	10.47	166	249369	20.400	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	70991	18.515	ng	# 97
60) Diethylphthalate	10.34	149	249945	19.298	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	128541	19.855	ng	95
62) 4-Nitroaniline	10.48	138	52126	17.372	ng	90
63) Azobenzene	10.63	77	228068	18.169	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	15713	14.288	ng	86
66) n-Nitrosodiphenylamine	10.58	169	221636	17.740	ng	97
67) 4-Bromophenyl-phenylether	10.96	248	83039	16.509	ng	97
68) Hexachlorobenzene	11.03	284	84639	15.312	ng	94
69) Atrazine	11.10	200	75611	18.604	ng	99
70) Pentachlorophenol	11.22	266	79101	25.275	ng	97
71) Phenanthrene	11.44	178	451745	21.588	ng	98
72) Anthracene	11.49	178	412371	19.515	ng	98
73) Carbazole	11.64	167	329265	17.466	ng	99
74) Di-n-butylphthalate	11.97	149	405655	18.292	ng	98
75) Fluoranthene	12.63	202	544086	23.832	ng	96
77) Benzidine	12.76	184	52755	5.924	ng	# 82
78) Pyrene	12.86	202	565503	27.056	ng	98
80) Butylbenzylphthalate	13.47	149	152269	18.517	ng	99
81) Benzo(a)anthracene	14.05	228	394875	22.424	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	65444	10.140	ng	99
83) Chrysene	14.09	228	359976	20.990	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	222916	21.306	ng	98
85) Di-n-octyl phthalate	14.66	149	332515	20.304	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	349624	21.522	ng	98
88) Benzo(b)fluoranthene	15.15	252	296607	16.529	ng	95
89) Benzo(k)fluoranthene	15.15	252	296607	19.215	ng	97
90) Benzo(a)pyrene	15.50	252	334239	21.534	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	274268	18.824	ng	99
92) Benzo(g,h,i)perylene	17.52	276	311736	21.201	ng	97

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

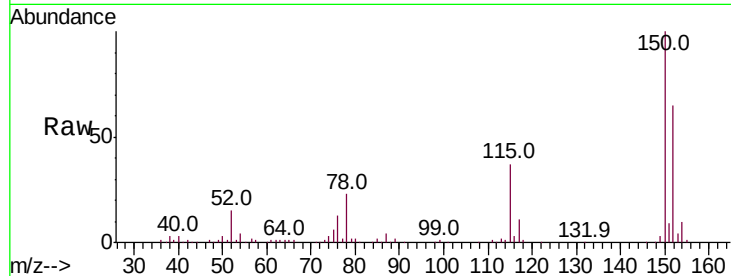


#1

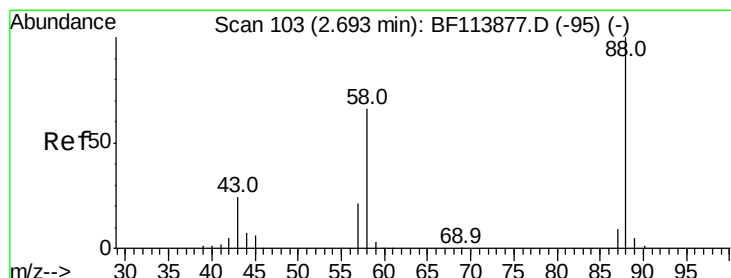
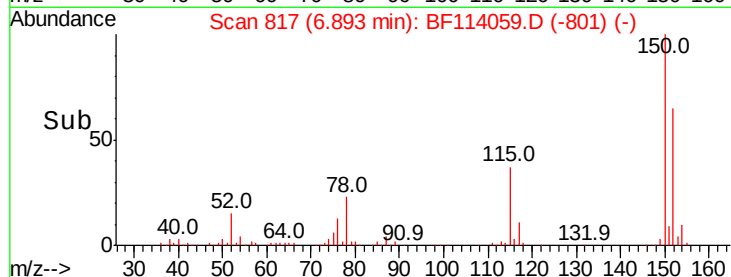
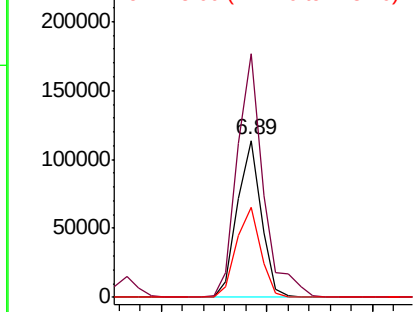
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

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

Tot Ion:152 Resp: 89183
Ion Ratio Lower Upper
152 100
150 155.0 125.9 188.9
115 57.5 45.9 68.9



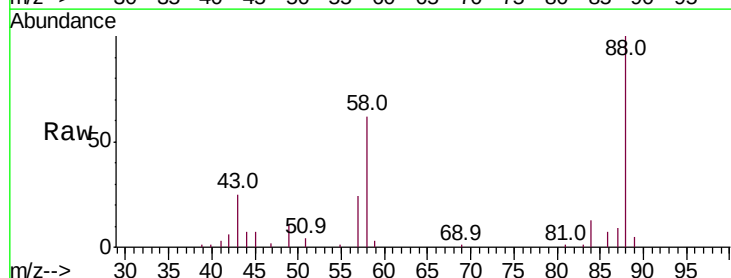
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



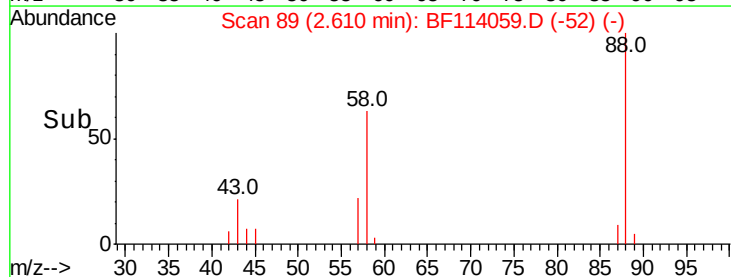
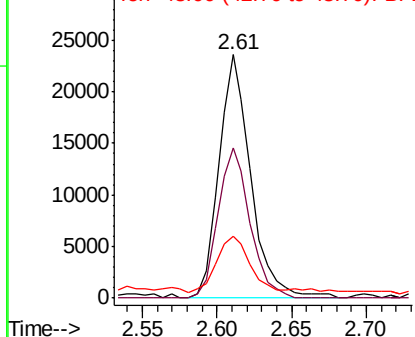
#2

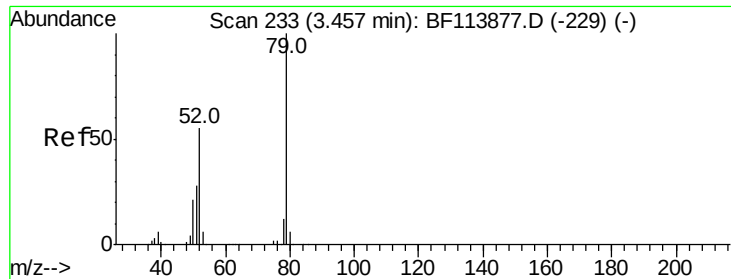
1,4-Dioxane
Concen: 14.346 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.08 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion: 88 Resp: 35263
Ion Ratio Lower Upper
88 100
58 61.7 53.3 79.9
43 24.0 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: 12.930 ng

RT: 3.40 min Scan# 223

Delta R.T. -0.06 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

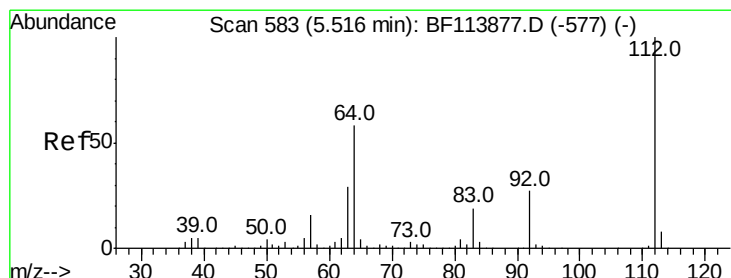
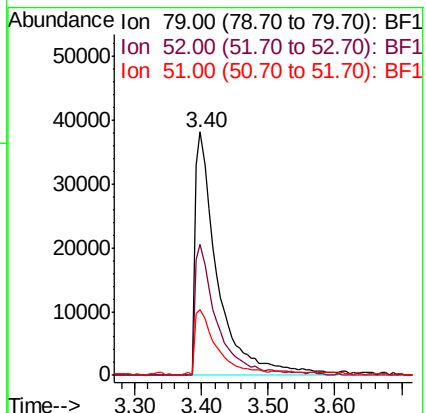
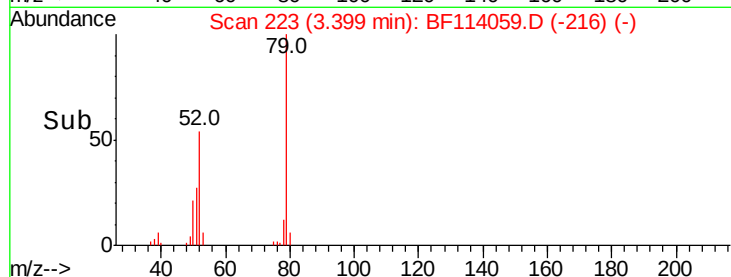
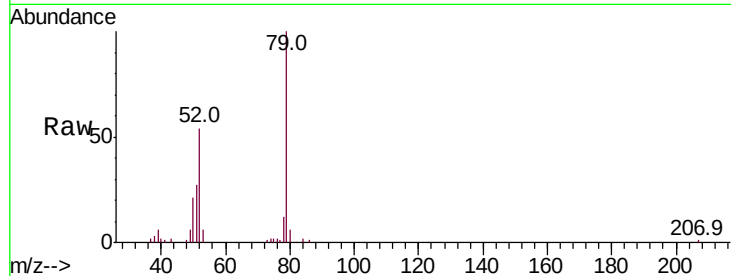
Tot Ion: 79 Resp: 86751

Ion Ratio Lower Upper

79 100

52 53.9 45.3 67.9

51 26.9 22.1 33.1



#5

2-Fluorophenol

Concen: 49.045 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

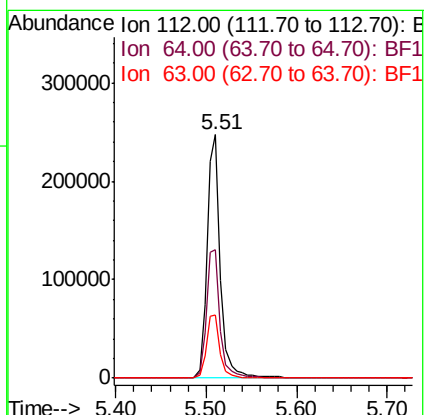
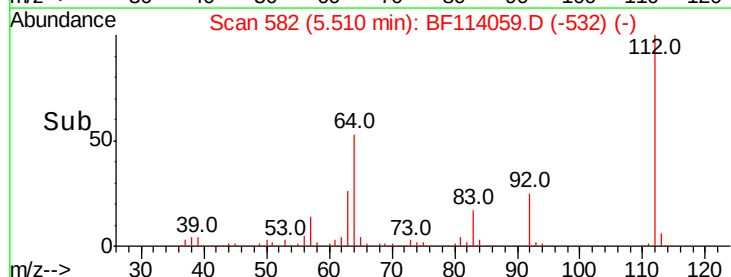
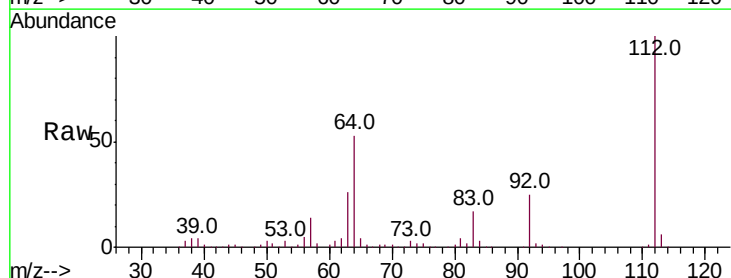
Tgt Ion: 112 Resp: 255736

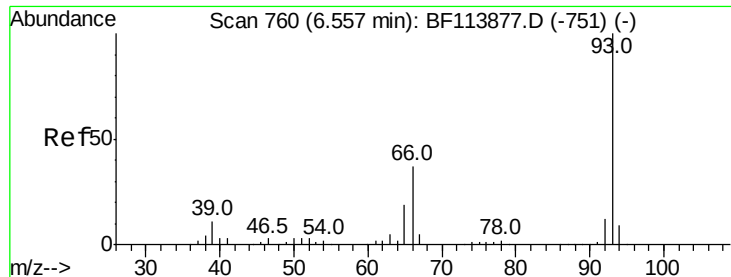
Ion Ratio Lower Upper

112 100

64 52.7 46.6 69.8

63 25.9 23.1 34.7





#6

Aniline

Concen: 10.619 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

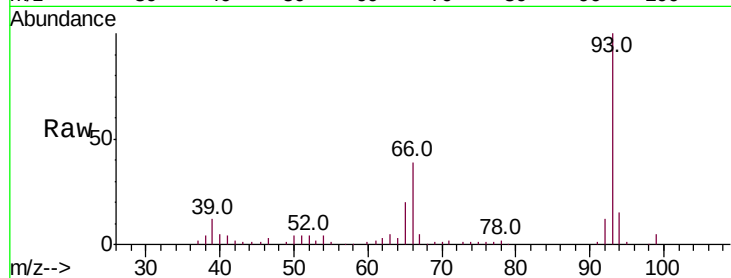
Tot Ion: 93 Resp: 95394

Ion Ratio Lower Upper

93 100

66 39.4 29.8 44.6

65 20.1 14.9 22.3

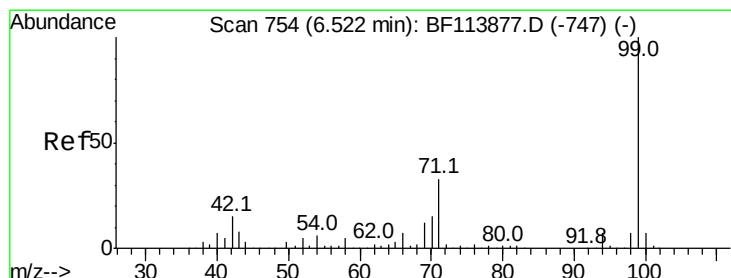
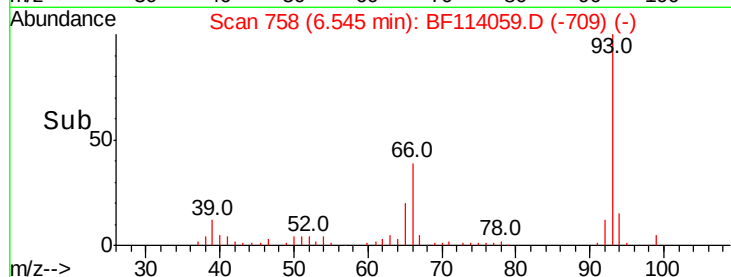
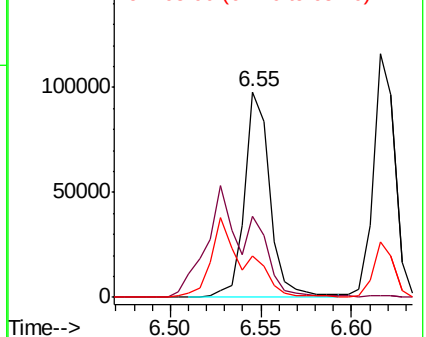


Abundance

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: 53.887 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

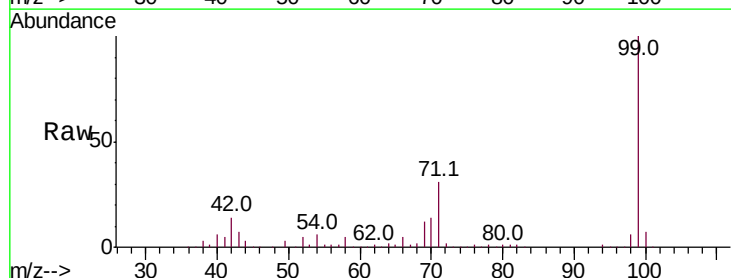
Tgt Ion: 99 Resp: 352528

Ion Ratio Lower Upper

99 100

42 13.8 12.5 18.7

71 31.5 26.9 40.3

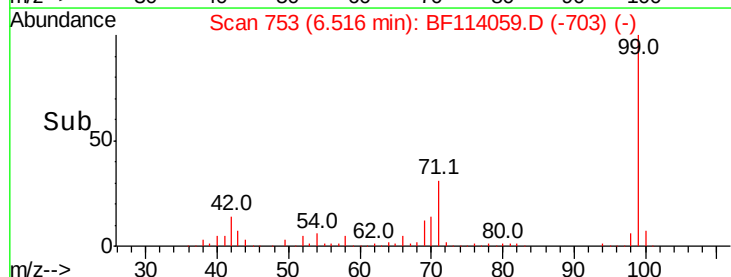
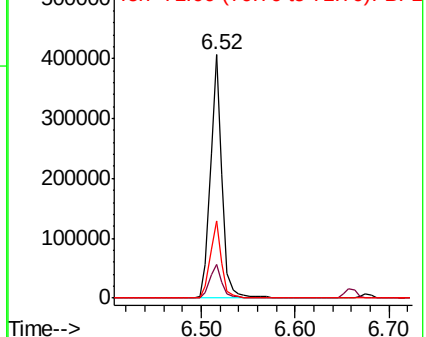


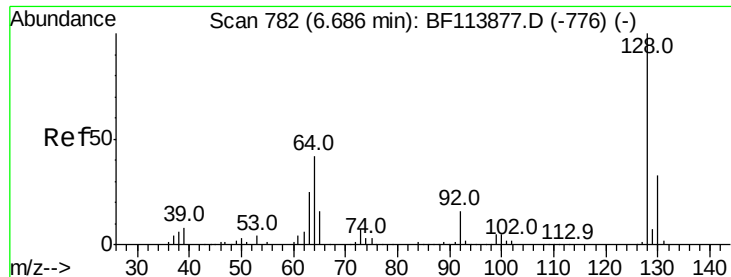
Abundance

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: 16.485 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF114059.D

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ClientSampleId :

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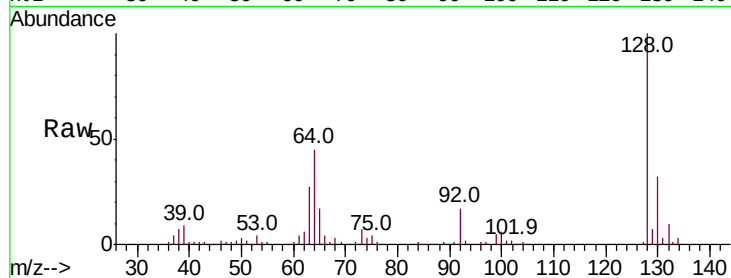
Tot Ion:128 Resp: 98137

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

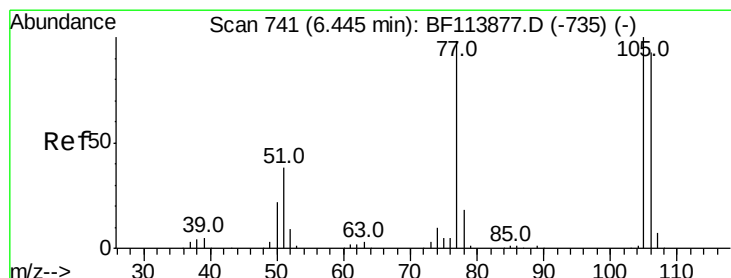
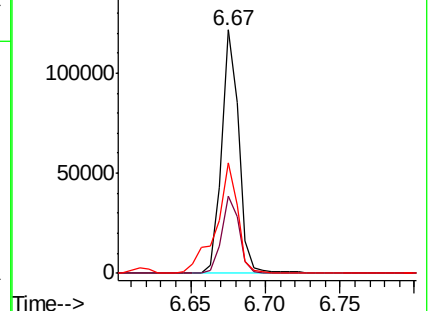
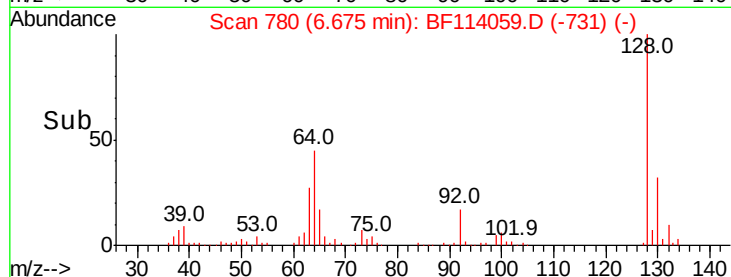
64 45.3 26.1 66.1



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: 1.236 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

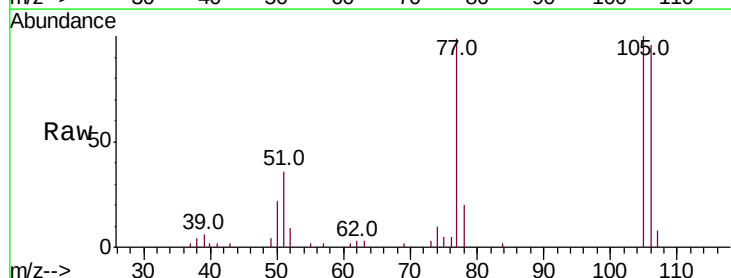
Tgt Ion: 77 Resp: 20520

Ion Ratio Lower Upper

77 100

105 100.8 74.1 114.1

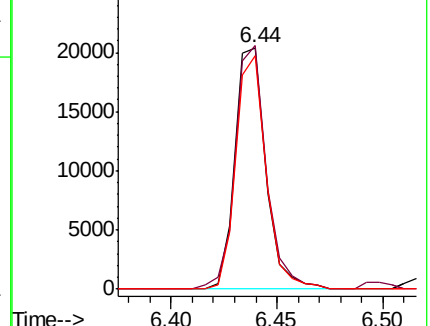
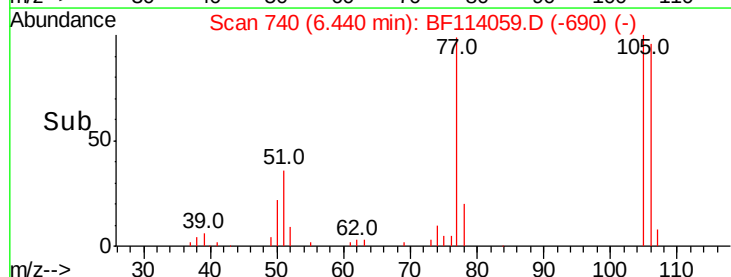
106 96.4 70.3 110.3

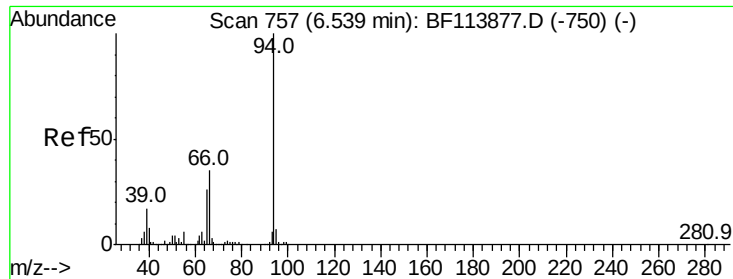


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 16.583 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

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ClientSampleId :

JC-03-042919-AMS

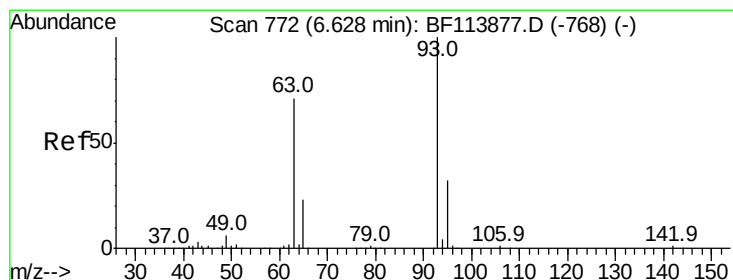
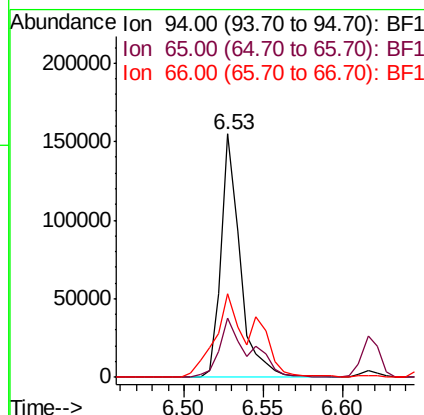
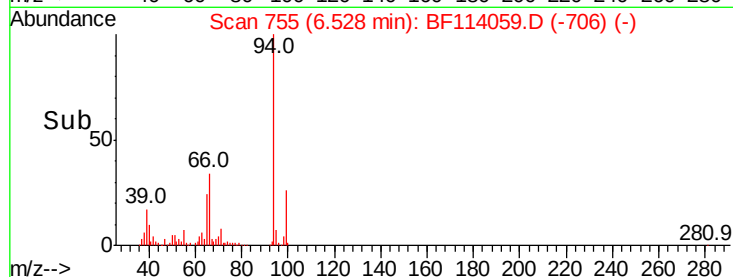
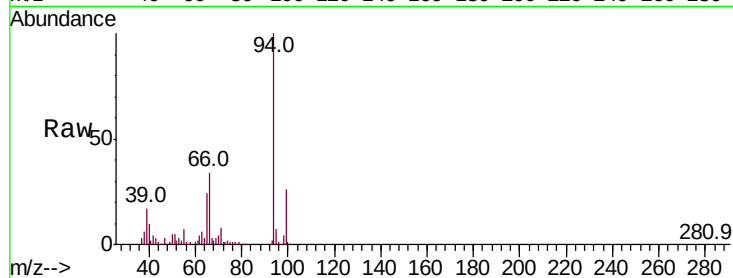
Tot Ion: 94 Resp: 129727

Ion Ratio Lower Upper

94 100

65 24.5 8.1 48.1

66 34.4 16.6 56.6



#11

bis(2-Chloroethyl)ether

Concen: 15.996 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

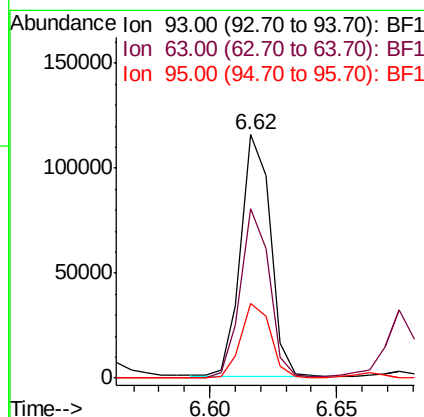
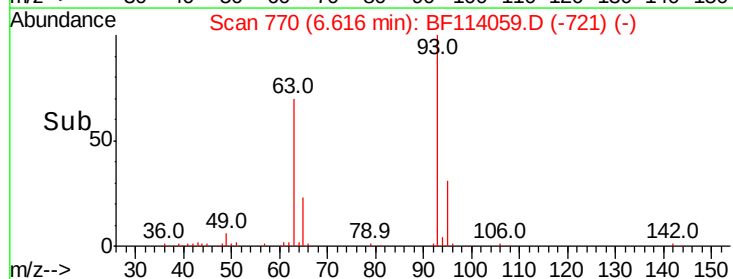
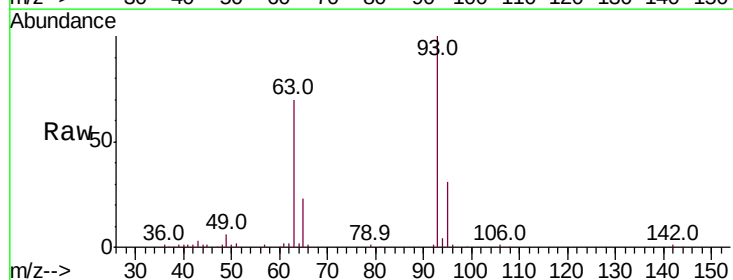
Tgt Ion: 93 Resp: 94163

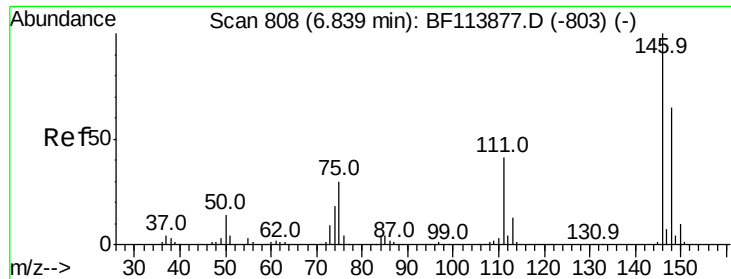
Ion Ratio Lower Upper

93 100

63 69.7 50.7 90.7

95 30.8 12.3 52.3

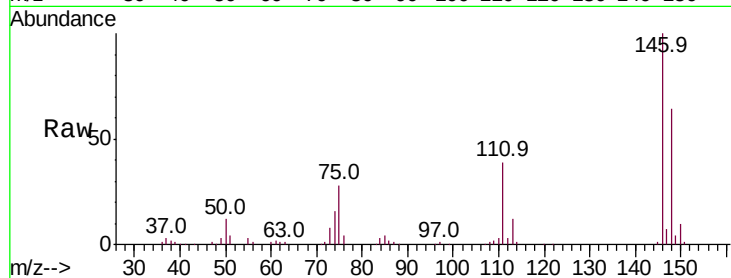




#12
 1,3-Dichlorobenzene
 Concen: 16.454 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
75	27.6	23.8	35.8

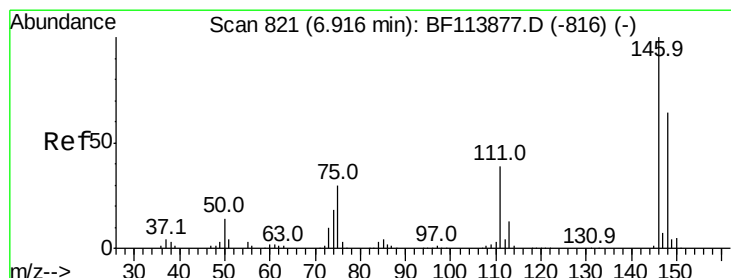
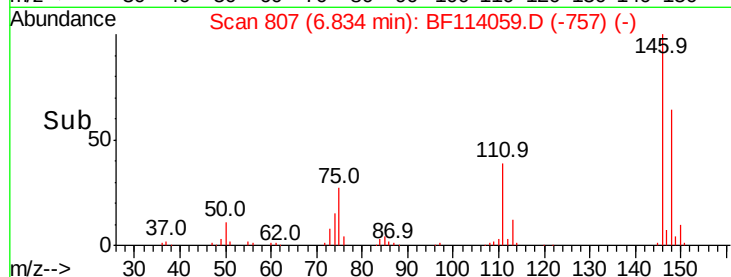
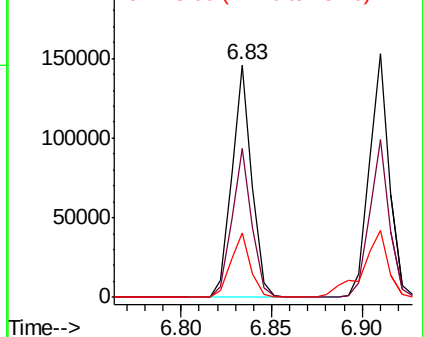


Abundance

Ion 146.00 (145.70 to 146.70): E

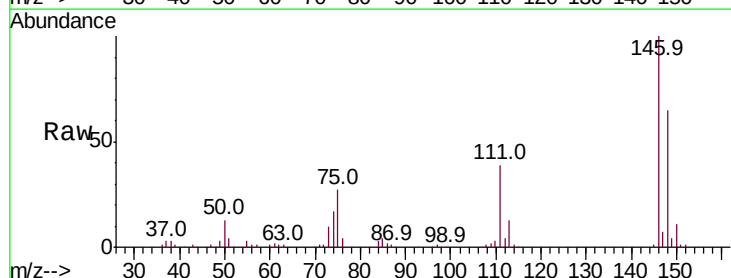
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13
 1,4-Dichlorobenzene
 Concen: 17.333 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	38.6	30.9	46.3

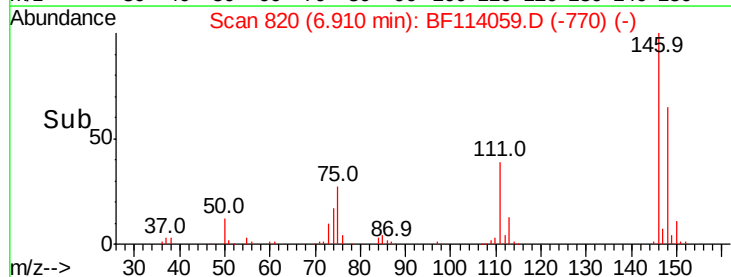
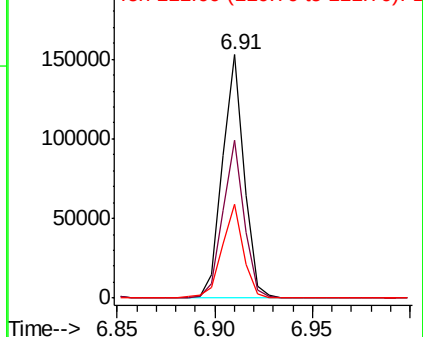


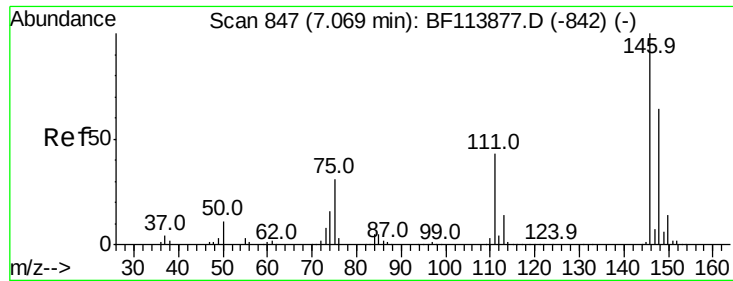
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

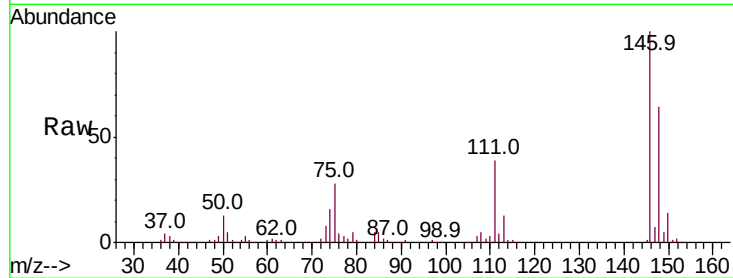




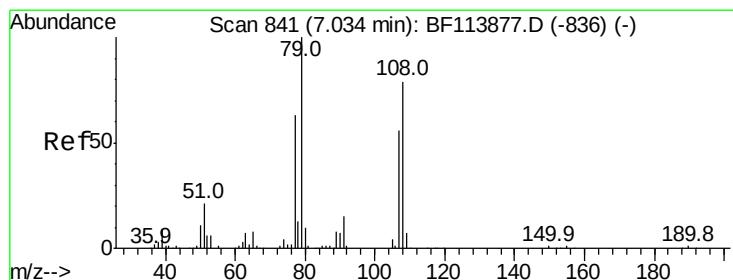
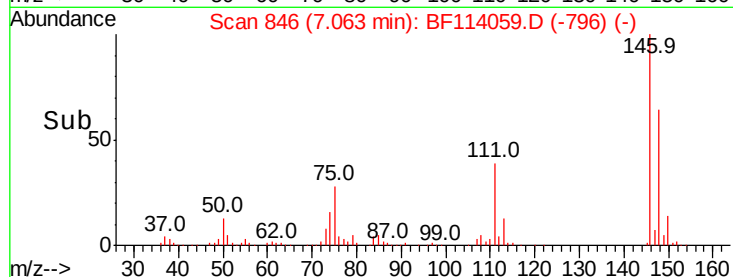
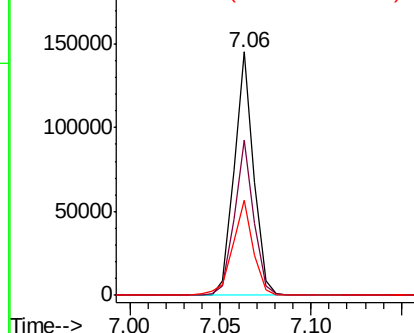
#14
1,2-Dichlorobenzene
Concen: 17.467 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

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

Tot Ion:146 Resp: 108864
Ion Ratio Lower Upper
146 100
148 63.5 52.1 78.1
111 39.3 34.2 51.4

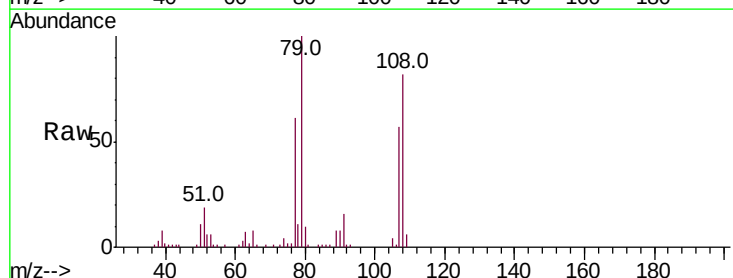


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

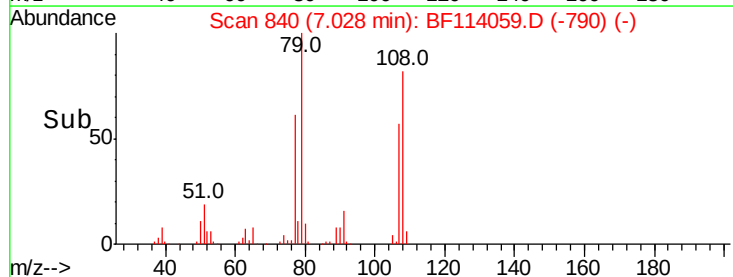
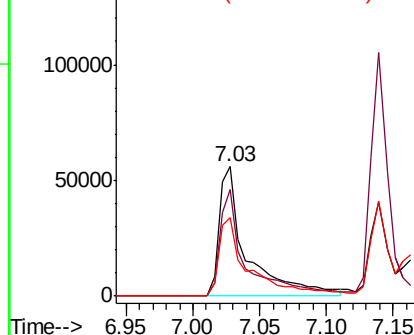


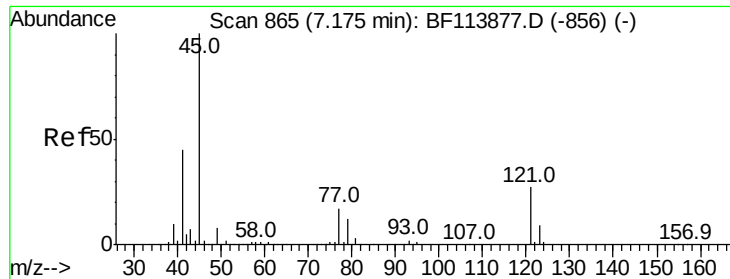
#15
Benzyl Alcohol
Concen: 18.419 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion: 79 Resp: 81155
Ion Ratio Lower Upper
79 100
108 82.0 61.4 92.0
77 60.8 51.6 77.4



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

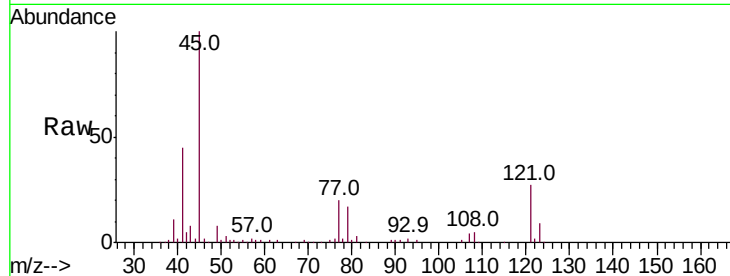




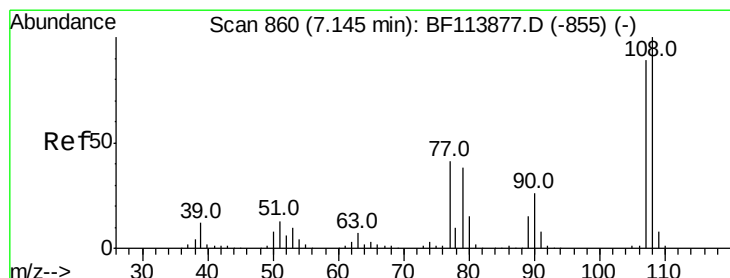
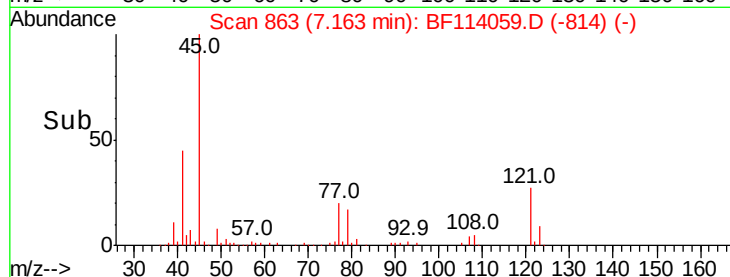
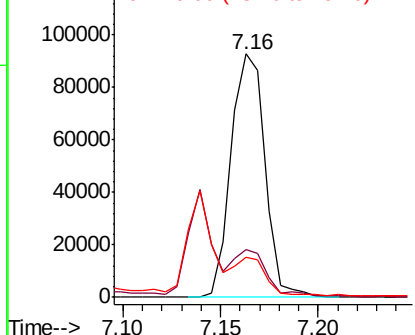
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 16.224 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

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

Tot Ion: 45 Resp: 111485
Ion Ratio Lower Upper
45 100
77 19.5 0.0 37.0
79 16.7 0.0 32.7

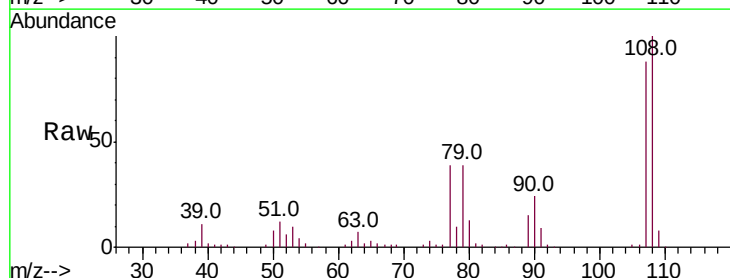


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

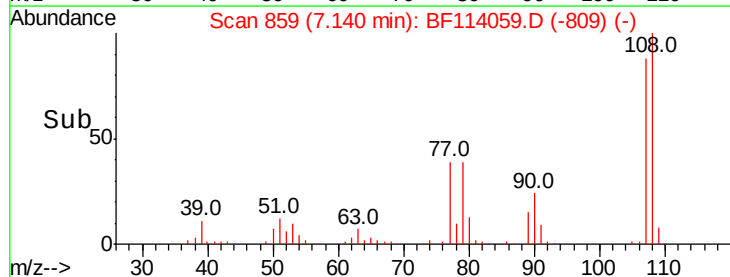
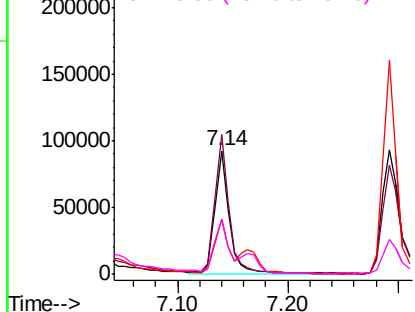


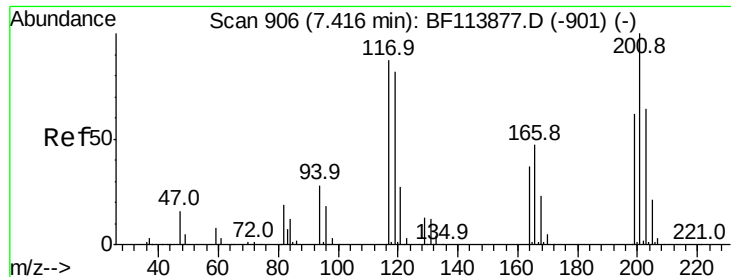
#17
2-Methylphenol
Concen: 15.912 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion:107 Resp: 83033
Ion Ratio Lower Upper
107 100
108 113.6 91.5 137.3
77 44.5 36.2 54.4
79 43.8 35.4 53.0



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

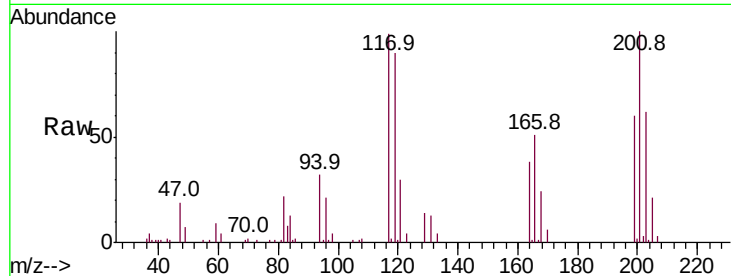




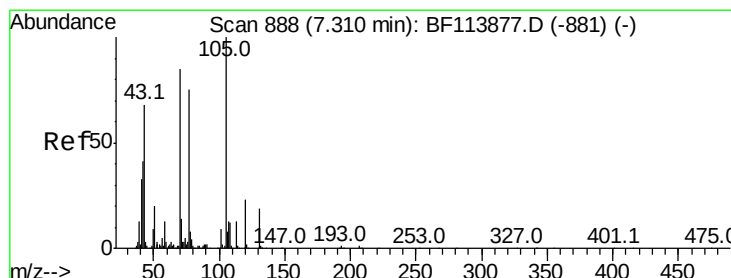
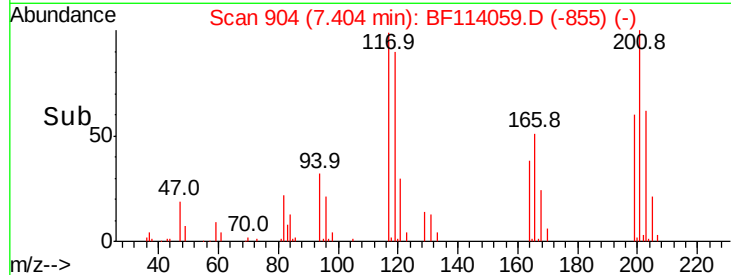
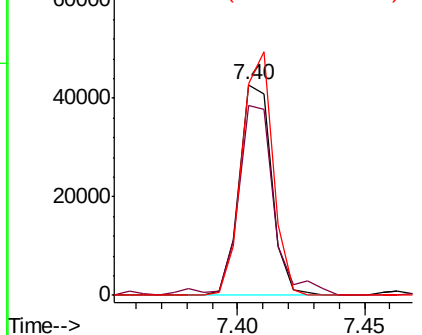
#18
Hexachloroethane
Concen: 15.980 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

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

Tot Ion:117 Resp: 37989
Ion Ratio Lower Upper
117 100
119 90.1 74.4 111.6
201 100.7 90.2 135.2

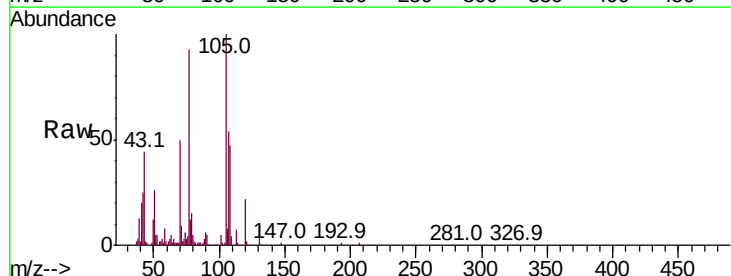


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

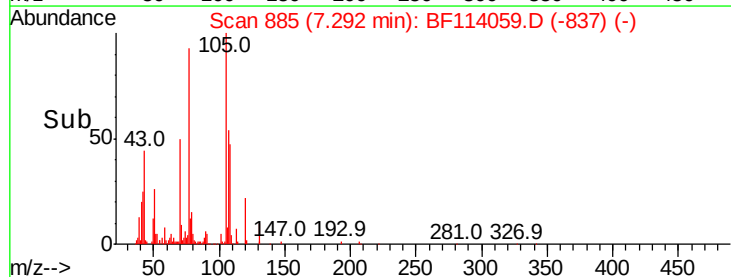
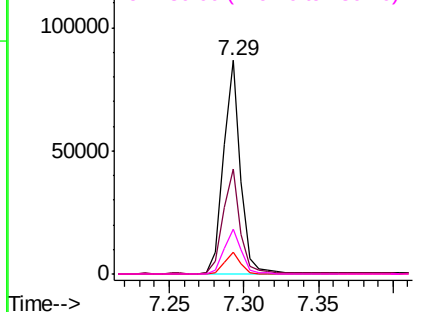


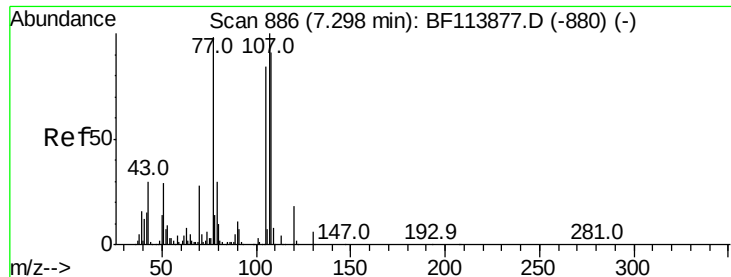
#19
n-Nitroso-di-n-propylamine
Concen: 16.743 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion: 70 Resp: 70931
Ion Ratio Lower Upper
70 100
42 49.4 37.3 55.9
101 10.3 7.8 11.8
130 20.9 18.2 27.2



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





#20

3+4-Methylphenols

Concen: 17.455 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

Tot Ion:107 Resp: 102909

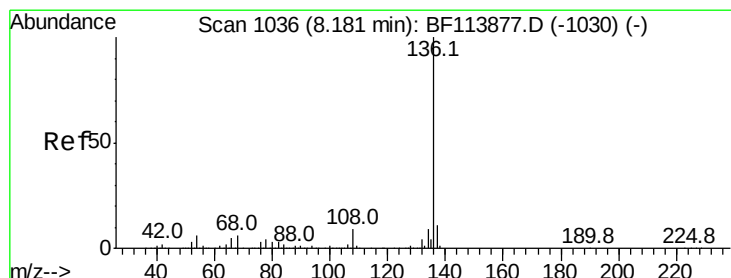
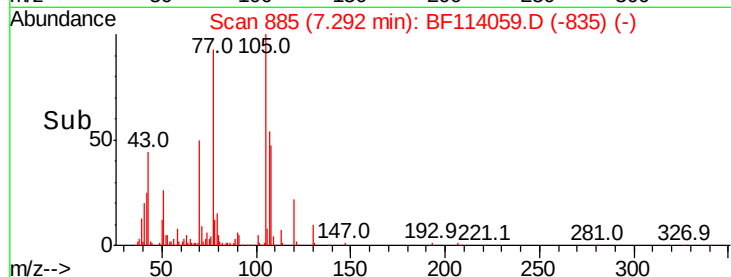
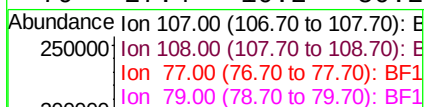
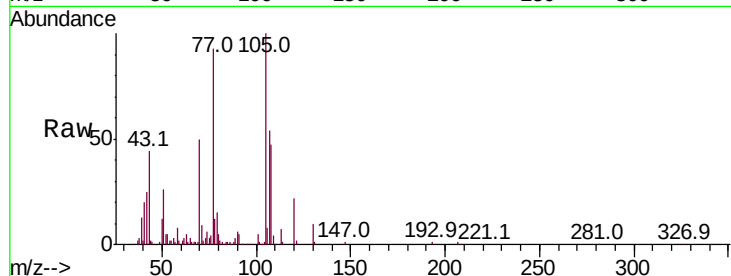
Ion Ratio Lower Upper

107 100

108 87.5 70.1 110.1

77 171.4 52.9 92.9#

79 27.4 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: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:136 Resp: 369892

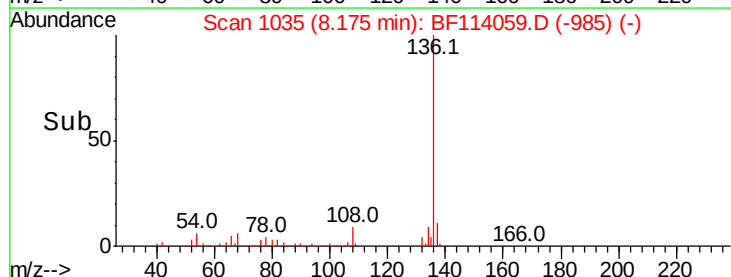
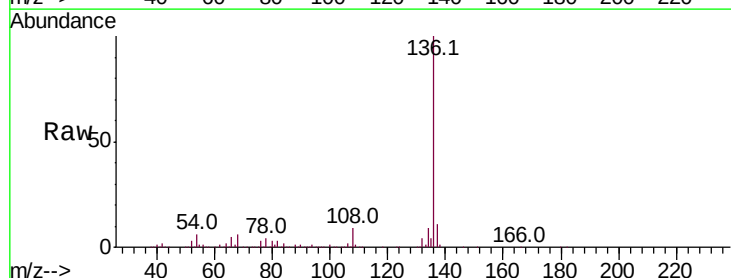
Ion Ratio Lower Upper

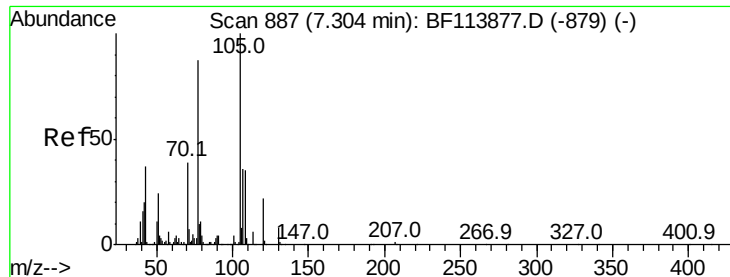
136 100

137 11.0 8.6 12.8

54 6.3 5.0 7.6

68 6.0 4.9 7.3





#22

Acetophenone

Concen: 17.161 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

Tot Ion:105 Resp: 141257

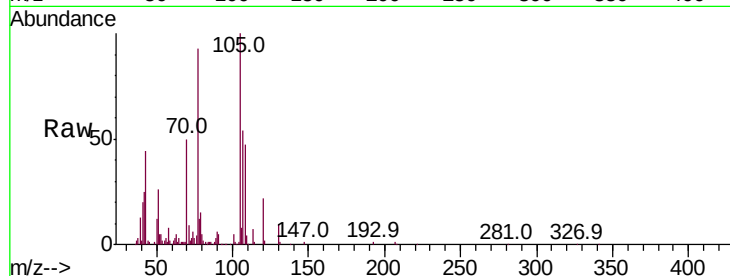
Ion Ratio Lower Upper

105 100

71 8.8 6.1 9.1

51 25.9 16.8 25.2#

120 21.7 17.6 26.4

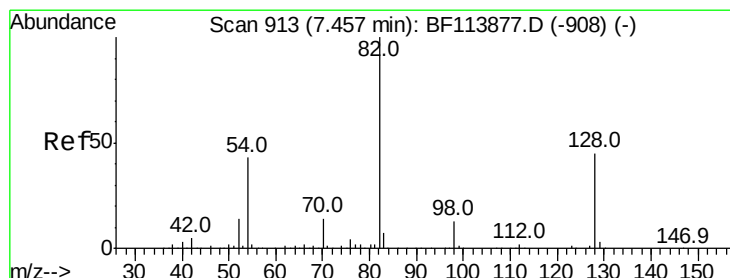
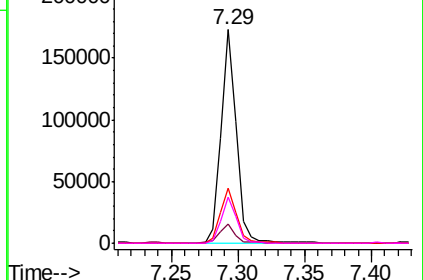
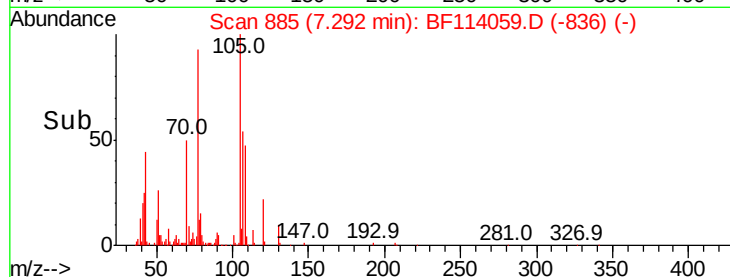


Abundance Ion 105.00 (104.70 to 105.70): E

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: 32.970 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

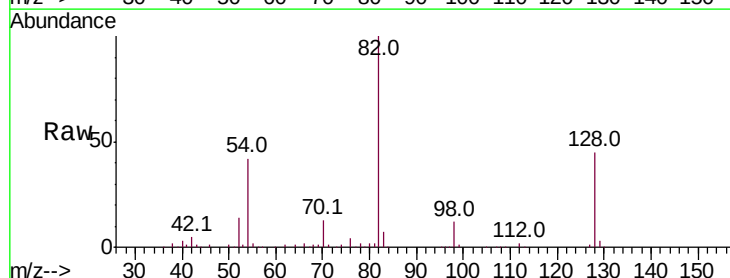
Tgt Ion: 82 Resp: 197512

Ion Ratio Lower Upper

82 100

128 45.4 36.8 55.2

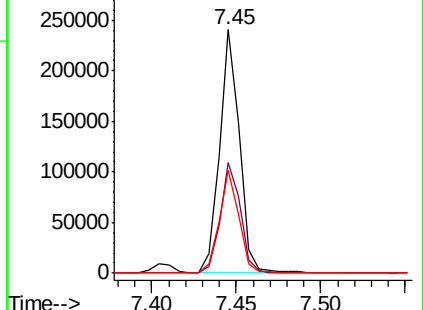
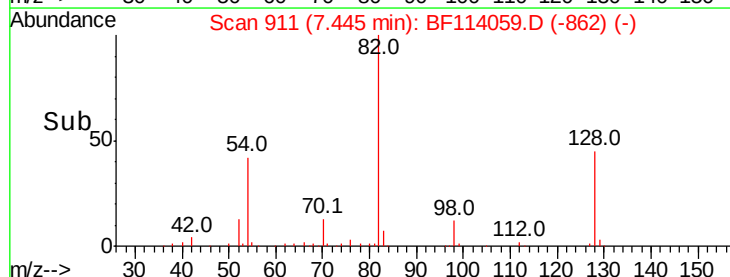
54 42.1 33.8 50.6

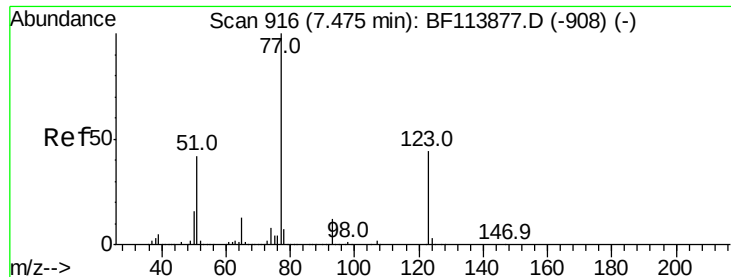


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 15.806 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

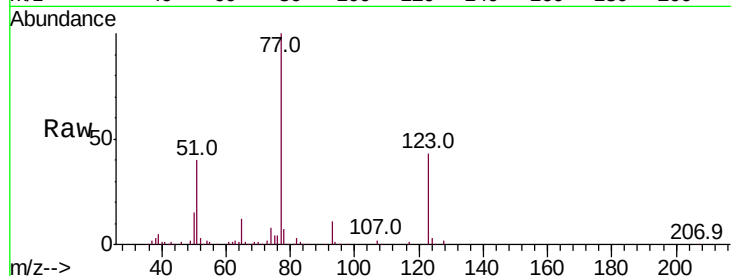
Tot Ion: 77 Resp: 104626

Ion Ratio Lower Upper

77 100

123 43.2 36.3 54.5

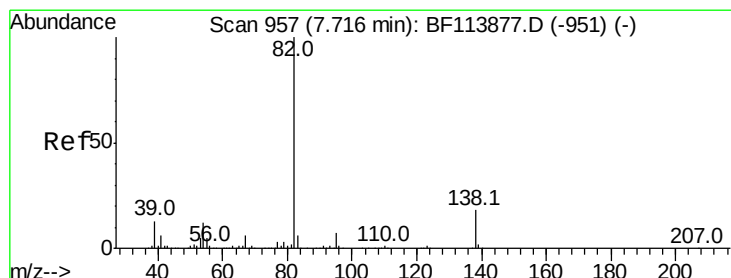
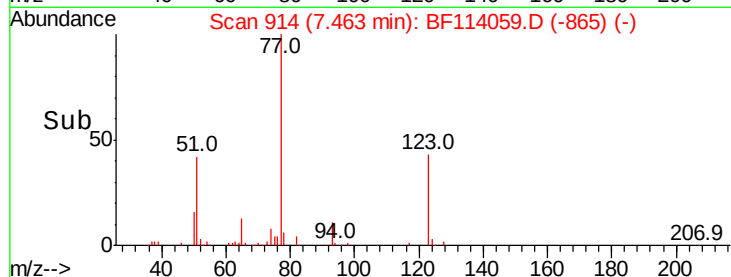
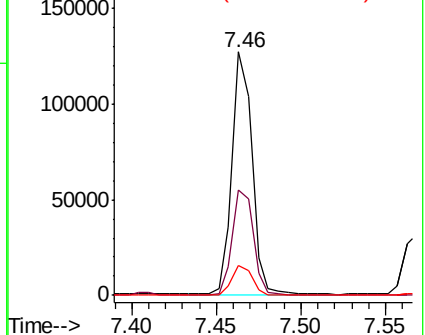
65 12.2 10.3 15.5



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: 16.959 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

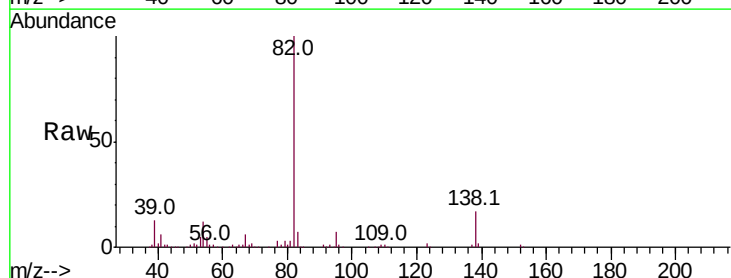
Tgt Ion: 82 Resp: 207880

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

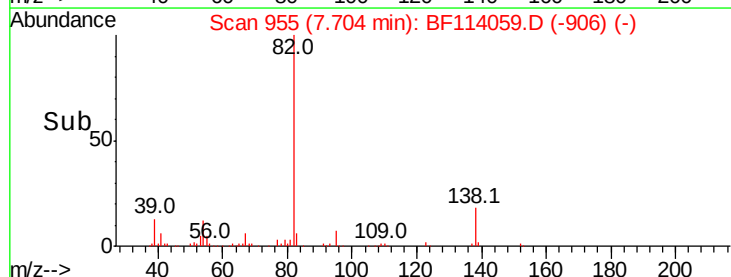
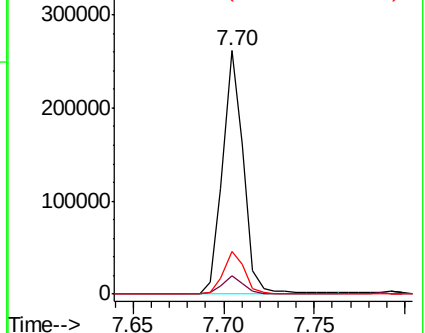
138 17.5 14.6 22.0

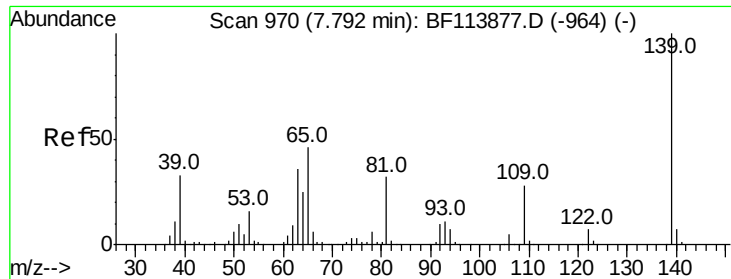


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

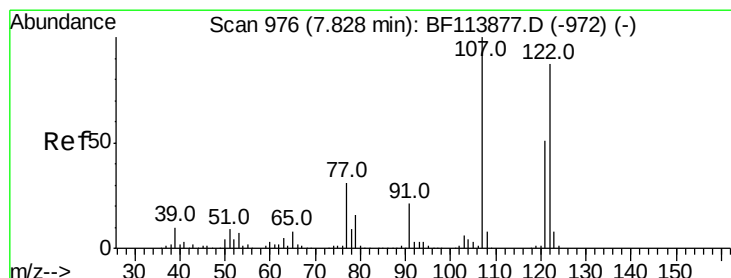
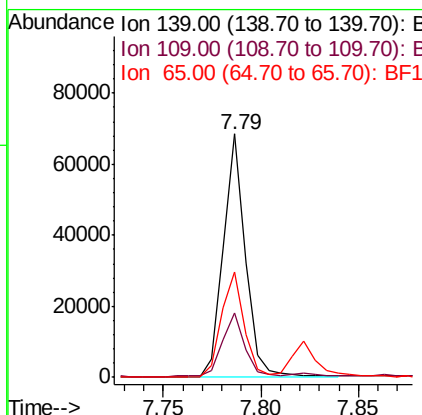
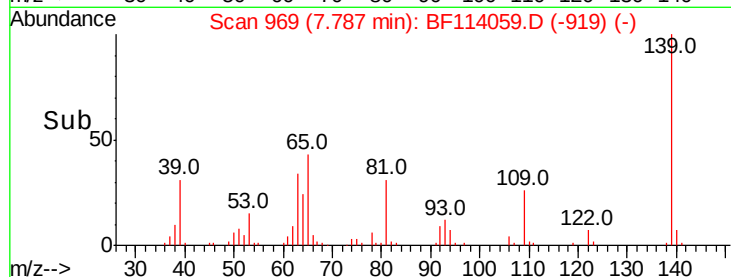
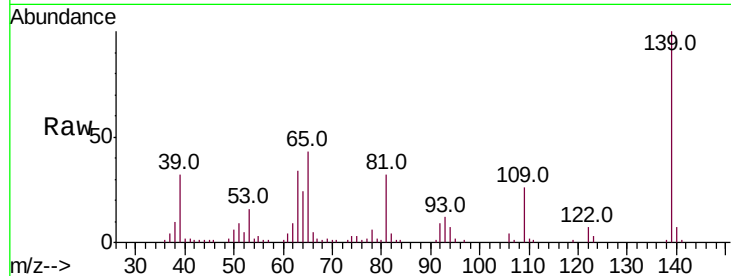




#26
 2-Nitrophenol
 Concen: 18.043 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

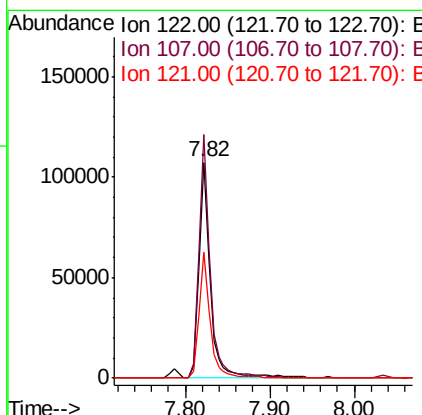
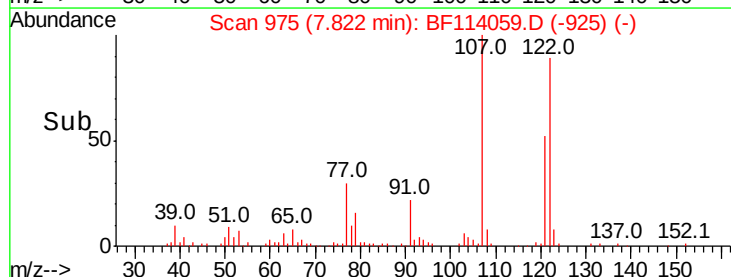
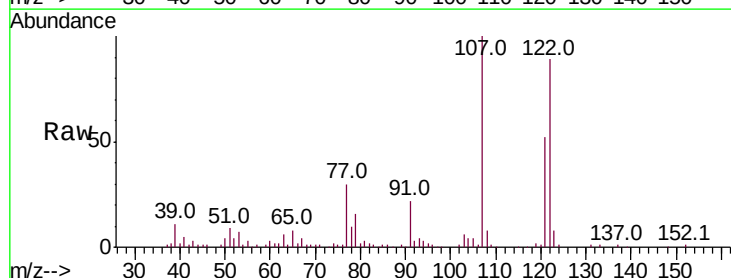
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMS

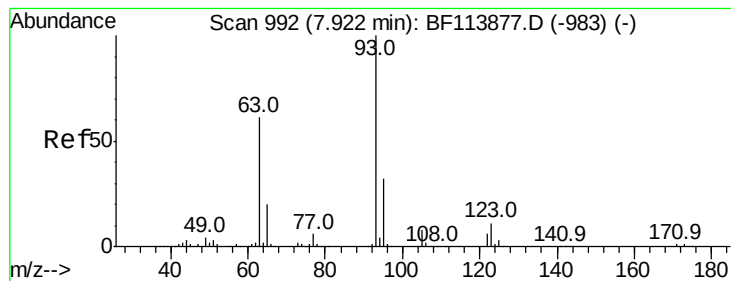
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.4	20.6	31.0
65	43.2	34.6	52.0



#27
 2,4-Dimethylphenol
 Concen: 20.416 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.9	91.2	136.8
121	58.5	46.4	69.6





#28

bis(2-Chloroethoxy)methane

Concen: 17.160 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

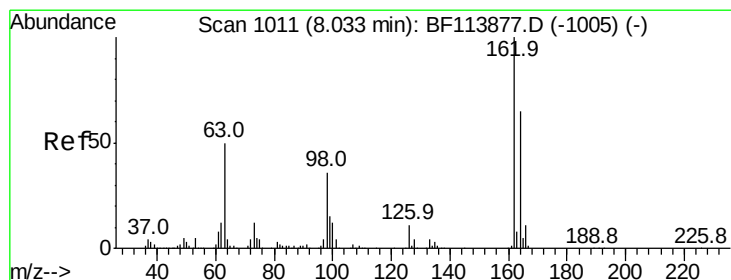
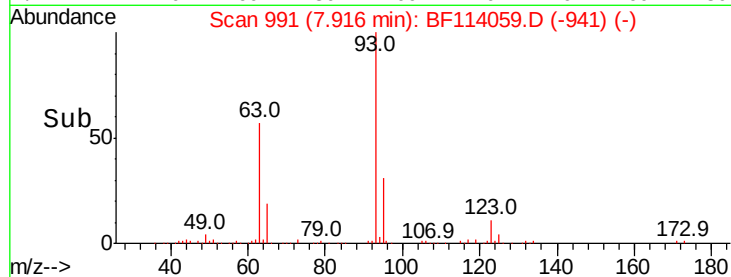
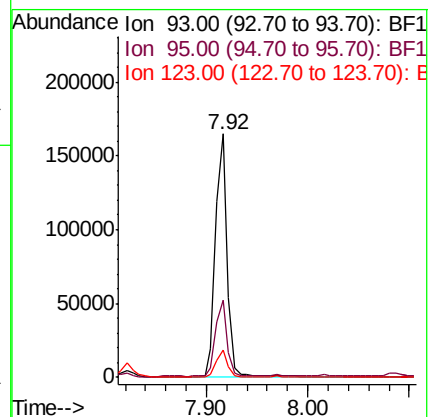
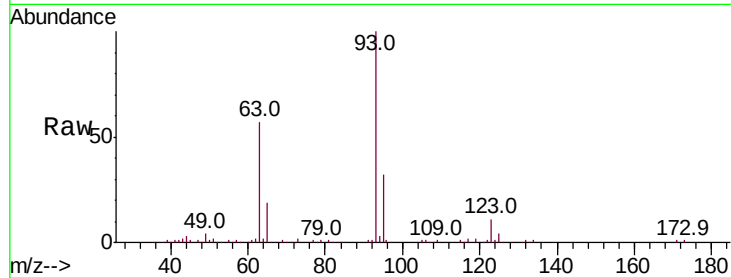
Tot Ion: 93 Resp: 134036

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

123 11.3 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 17.606 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

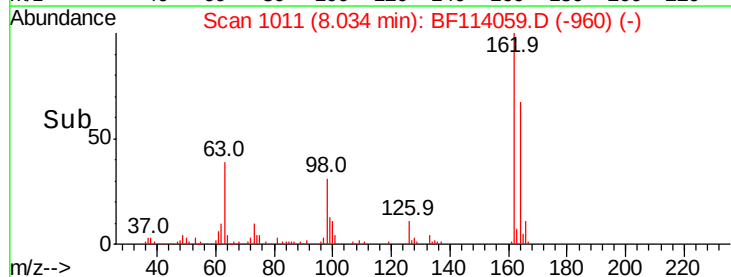
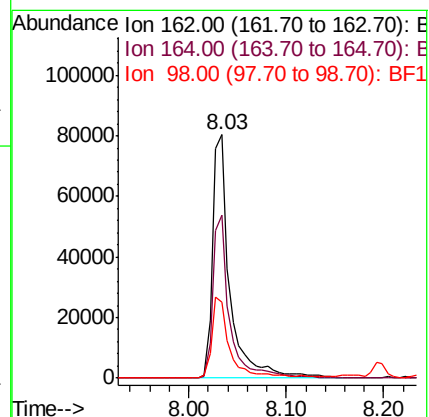
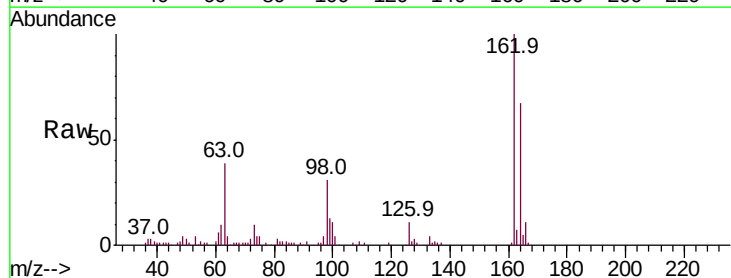
Tgt Ion:162 Resp: 99059

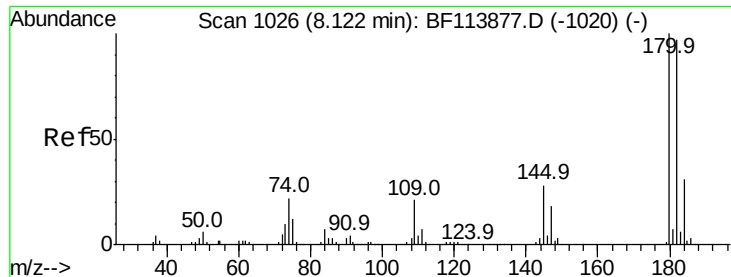
Ion Ratio Lower Upper

162 100

164 67.0 43.7 83.7

98 31.0 15.5 55.5

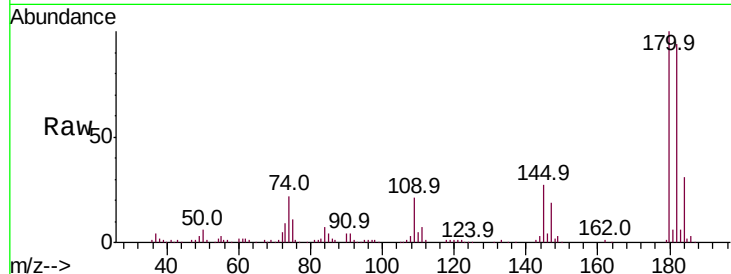




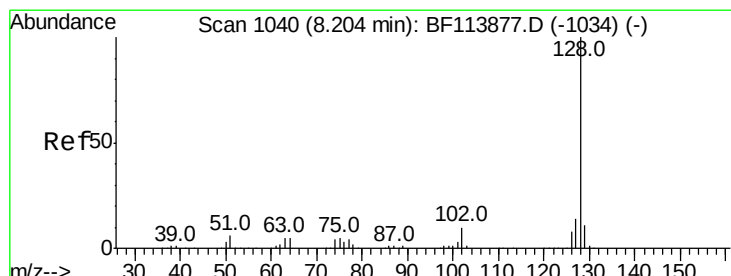
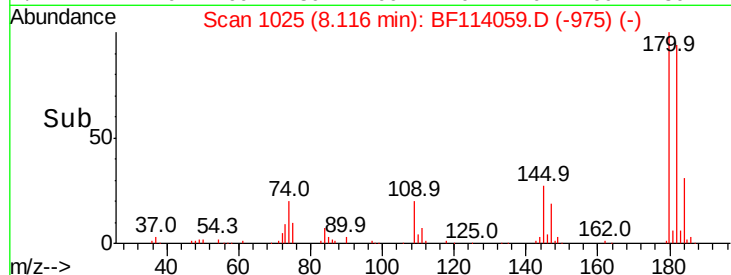
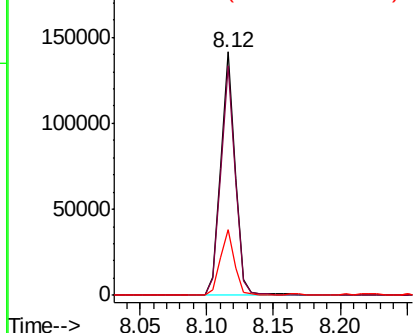
#30
 1,2,4-Trichlorobenzene
 Concen: 17.446 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	26.9	23.0	34.4

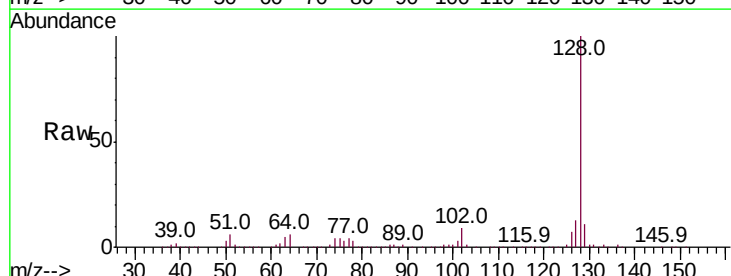


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

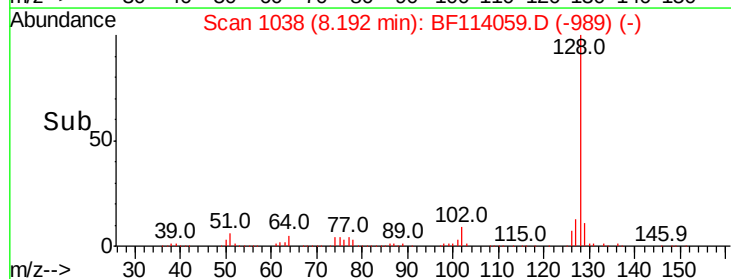
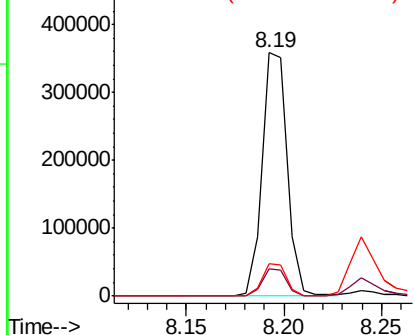


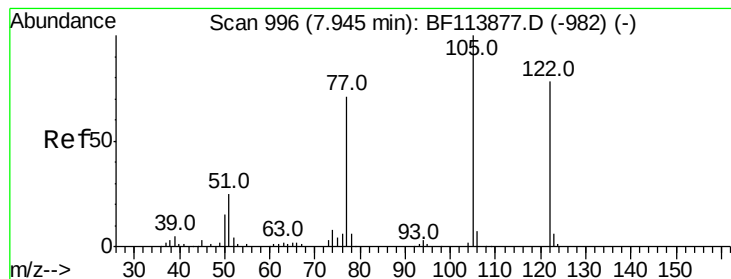
#31
 Naphthalene
 Concen: 18.259 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.2	10.8	16.2



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





#32

Benzoic acid

Concen: 30.232 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.12 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

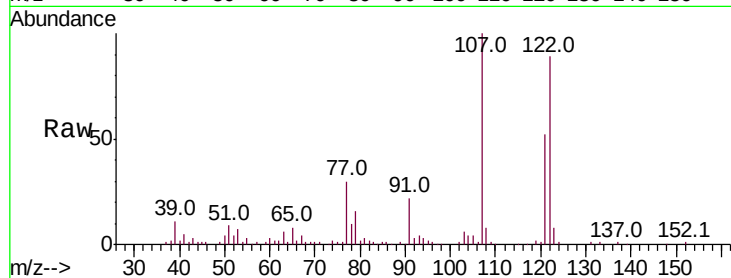
Tot Ion:122 Resp: 100452

Ion Ratio Lower Upper

122 100

105 4.1 104.3 144.3#

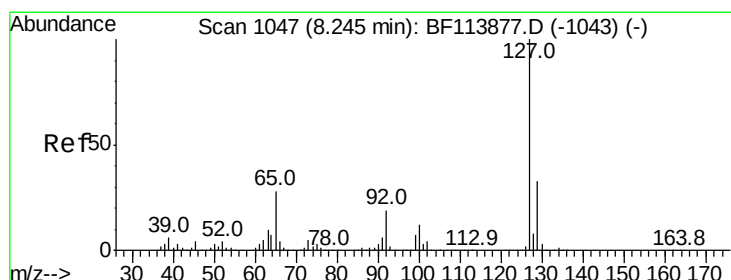
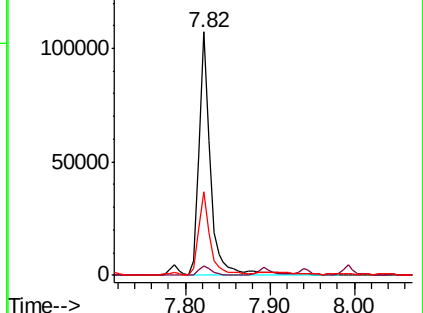
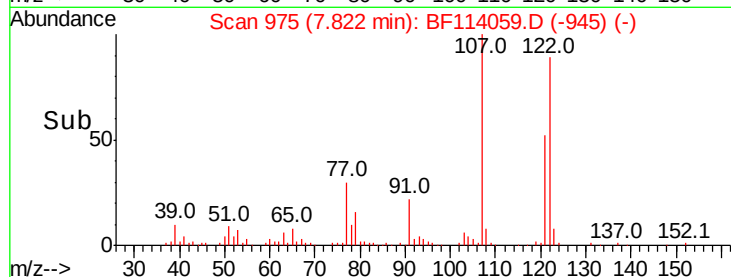
77 34.2 70.4 110.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 12.701 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:127 Resp: 94434

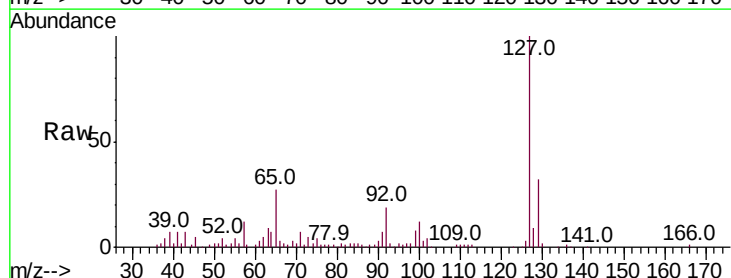
Ion Ratio Lower Upper

127 100

129 31.8 26.4 39.6

65 27.2 24.9 37.3

92 19.3 15.9 23.9

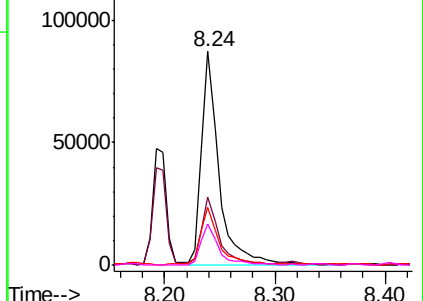
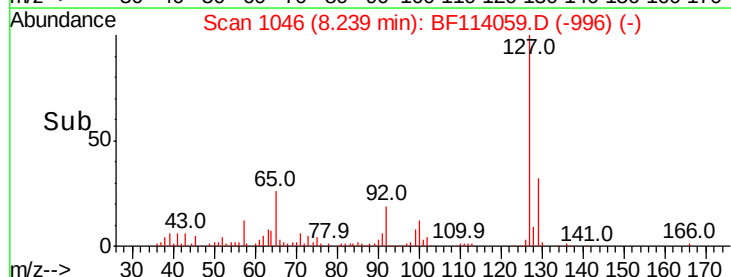


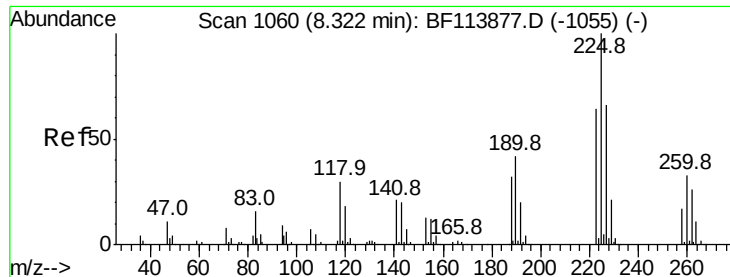
Abundance Ion 127.00 (126.70 to 127.70): E

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

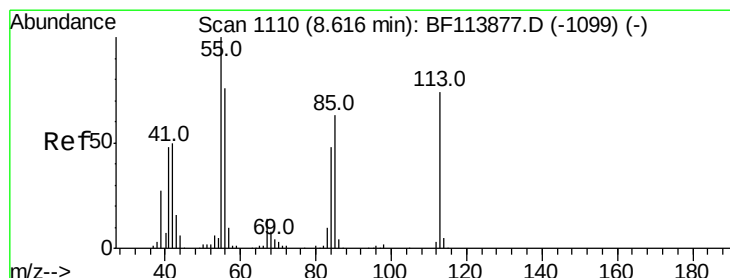
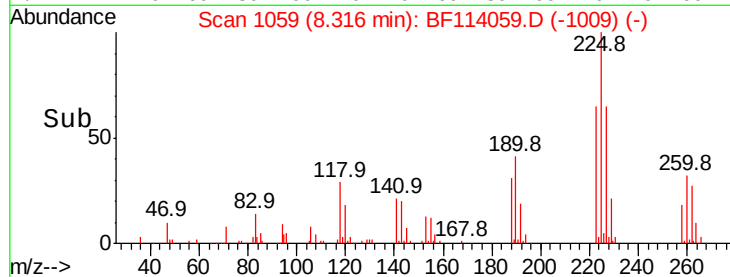
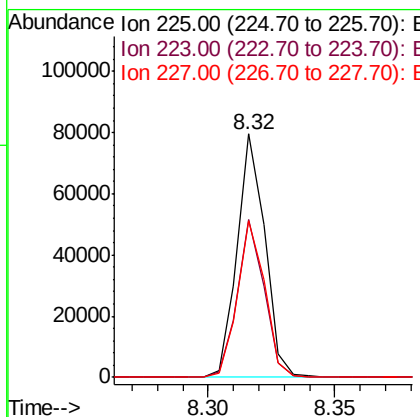
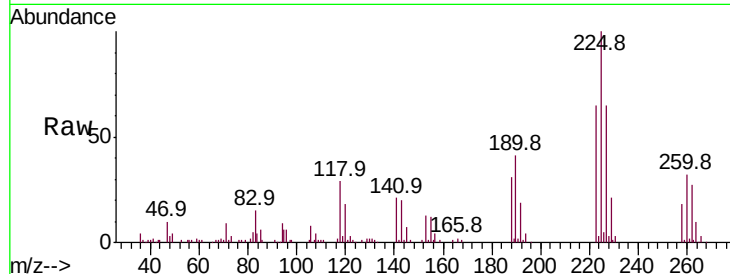




#34
Hexachlorobutadiene
Concen: 15.346 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

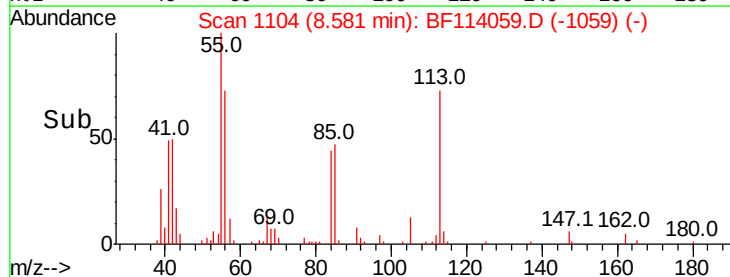
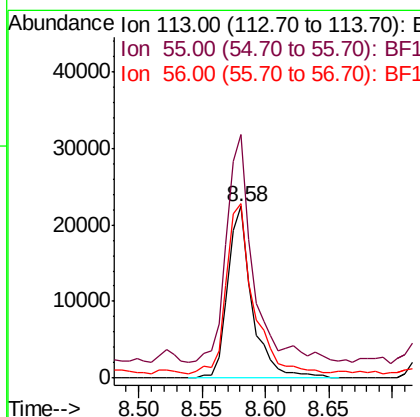
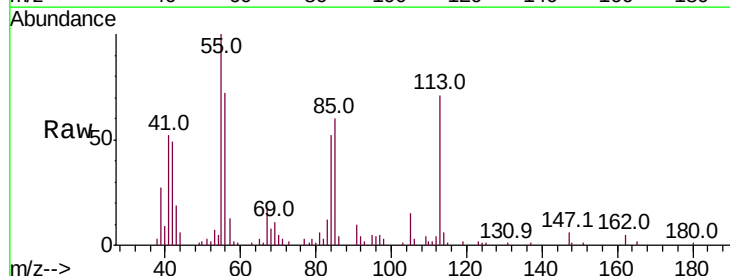
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

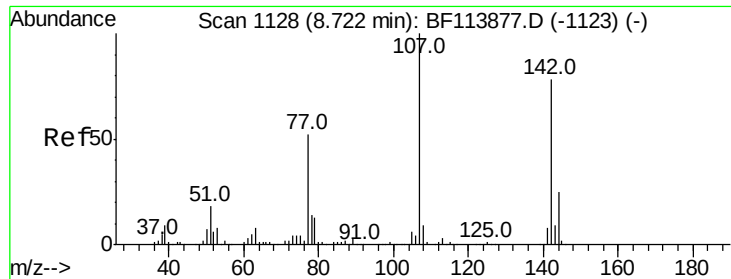
Tot Ion:	225	Resp:	60014
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.1	76.7
227	64.5	49.9	74.9



#35
Caprolactam
Concen: 16.568 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion:	113	Resp:	29654
Ion	Ratio	Lower	Upper
113	100		
55	141.8	128.6	168.6
56	101.9	91.9	131.9

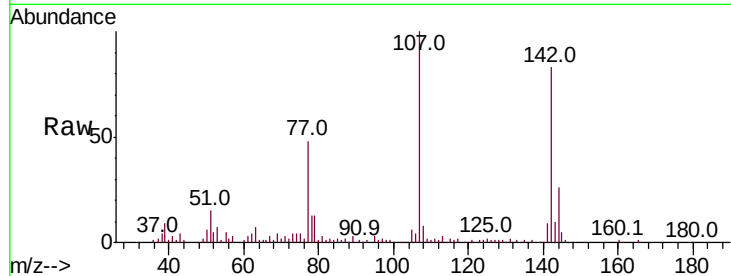




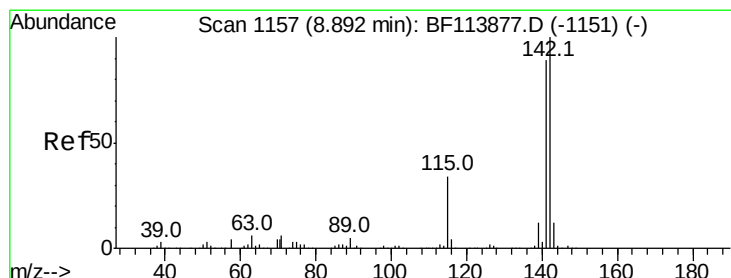
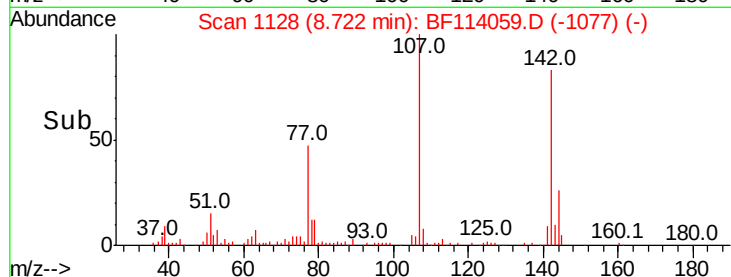
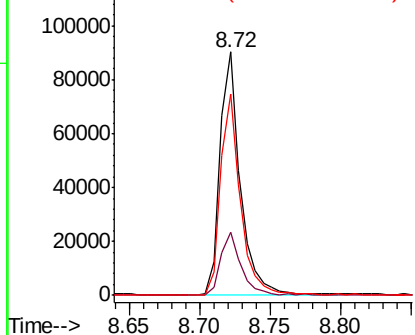
#36
 4-Chloro-3-methylphenol
 Concen: 16.382 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

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

Tot Ion:107 Resp: 91314
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 82.7 64.2 96.4

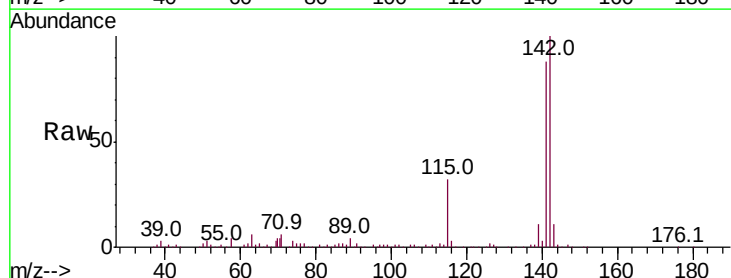


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

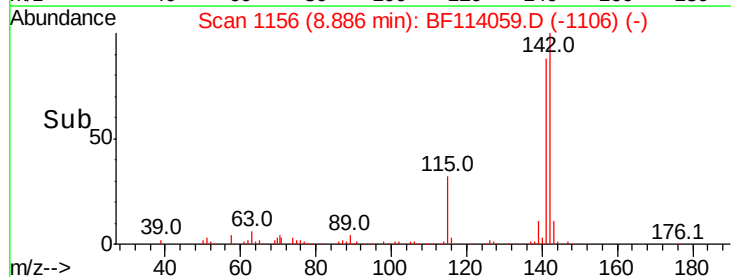
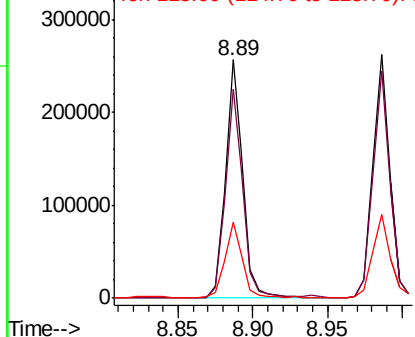


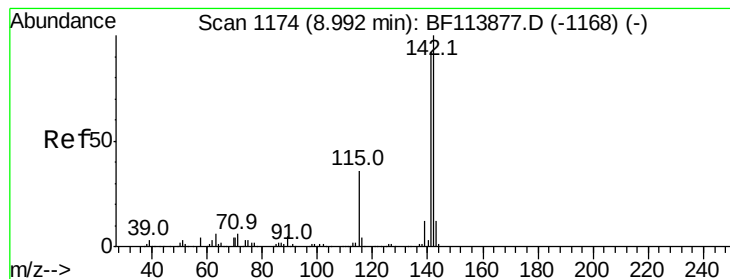
#37
 2-Methylnaphthalene
 Concen: 17.737 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion:142 Resp: 210174
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.4 105.6
 115 32.0 26.3 39.5



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 17.863 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

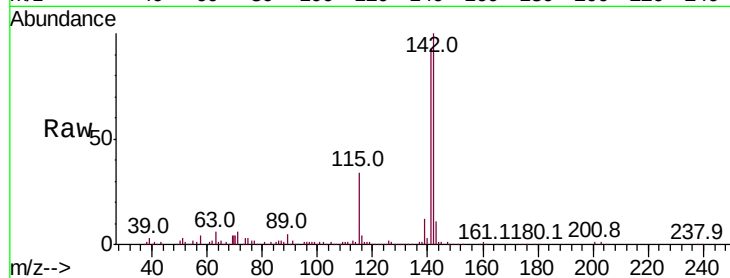
Tot Ion:142 Resp: 204291

Ion Ratio Lower Upper

142 100

141 93.0 72.3 108.5

116 3.6 3.0 4.4

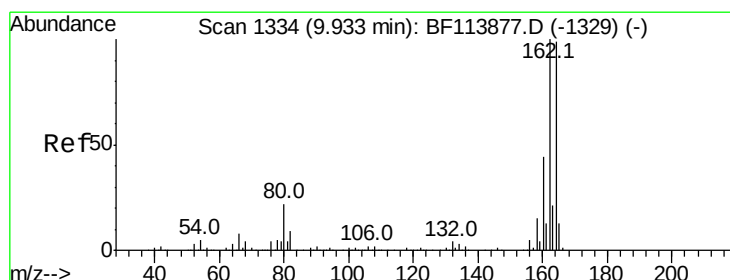
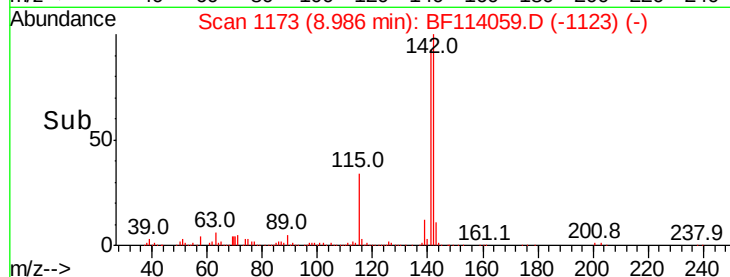
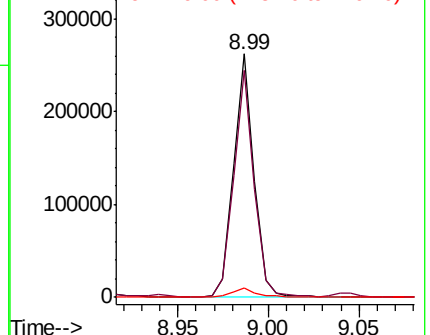


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

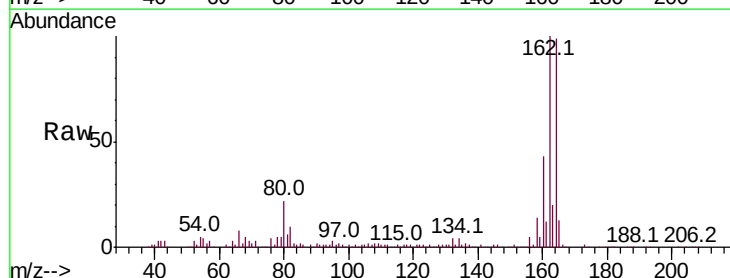
Tgt Ion:164 Resp: 188587

Ion Ratio Lower Upper

164 100

162 100.7 81.1 121.7

160 43.4 35.8 53.6

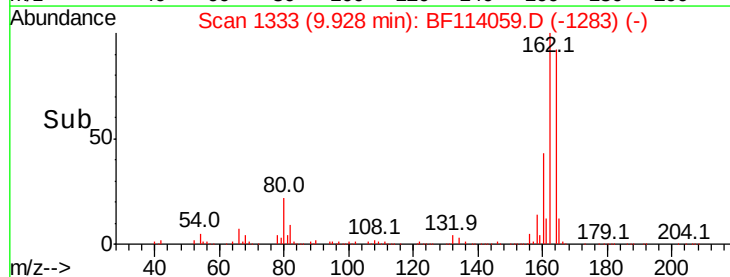
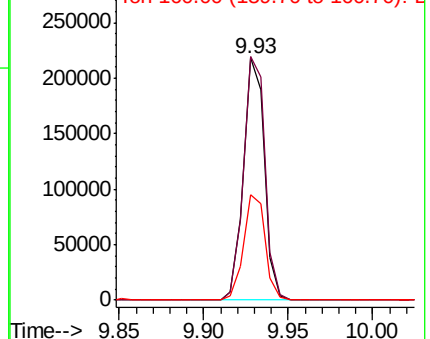


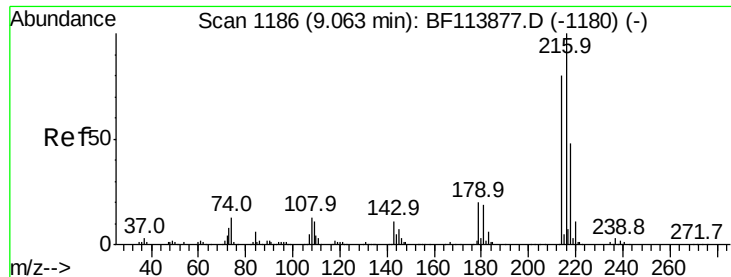
Abundance

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

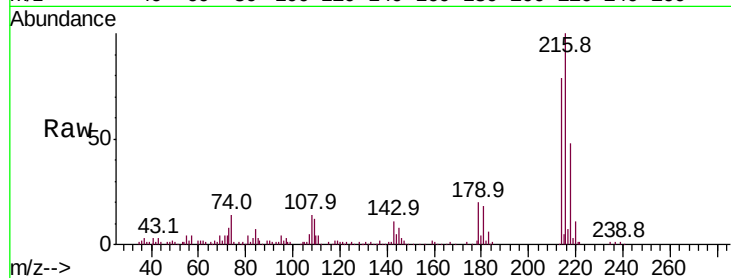




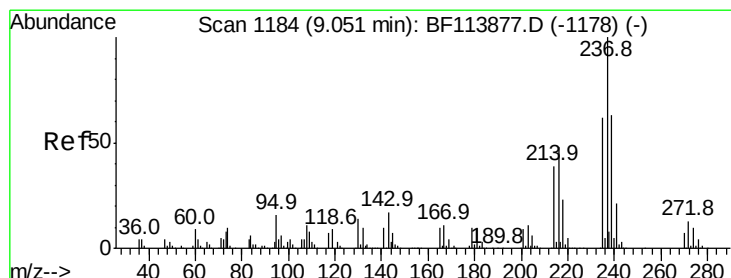
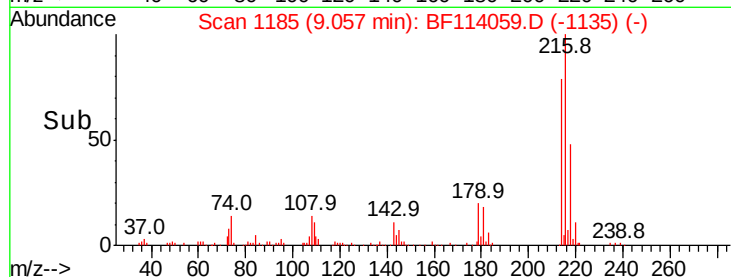
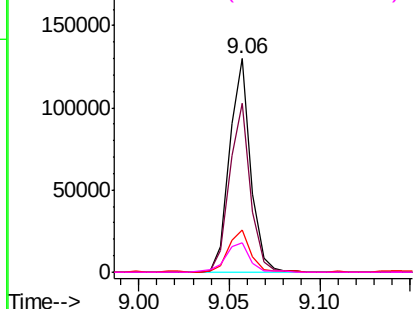
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.131 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

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

Tot Ion:	216	Resp:	104941
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.5	95.3
179	21.0	16.1	24.1
108	16.2	13.4	20.0

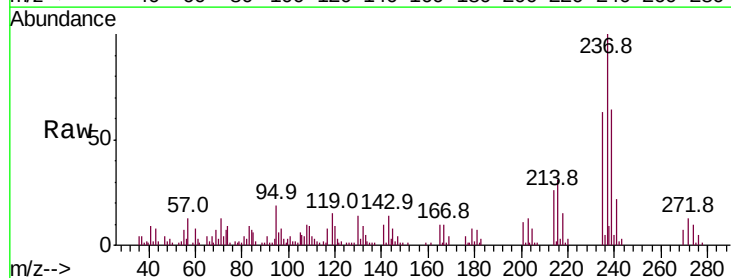


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

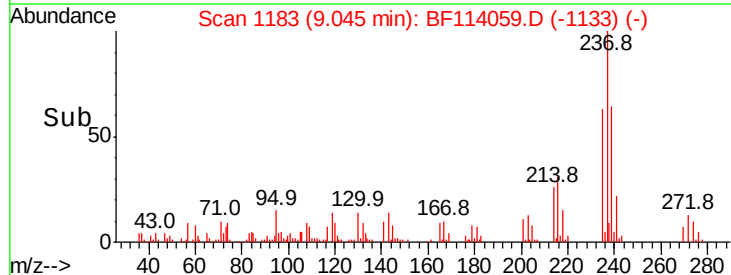
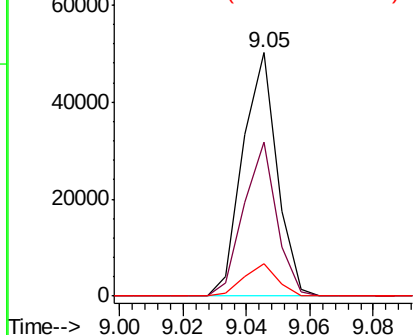


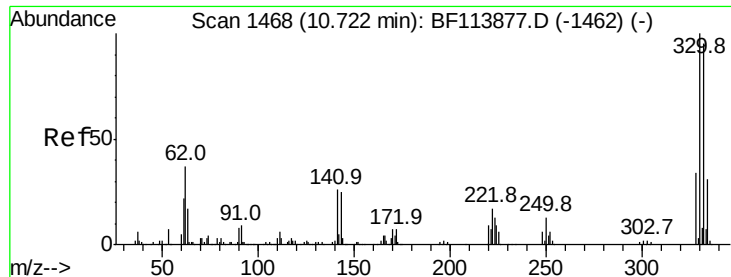
#41
 Hexachlorocyclopentadiene
 Concen: 11.009 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion:	237	Resp:	37606
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.6	82.6
272	13.2	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: 53.775 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

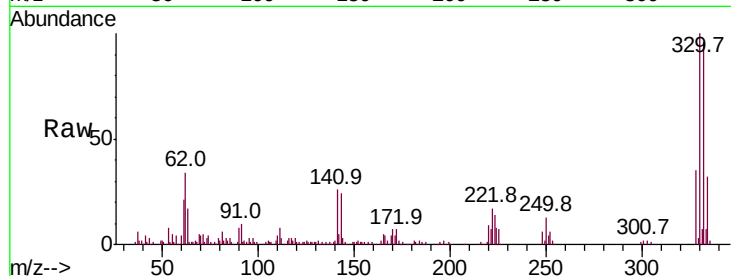
Tot Ion:330 Resp: 123542

Ion Ratio Lower Upper

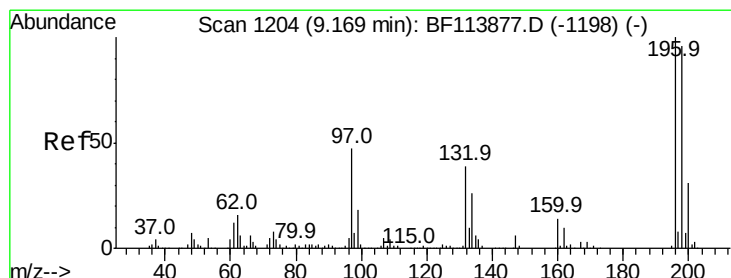
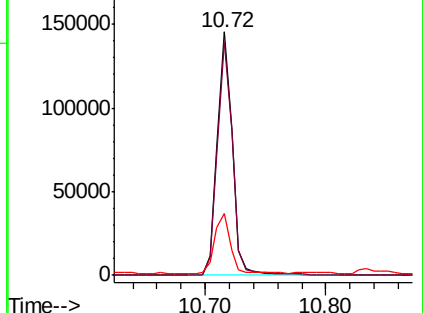
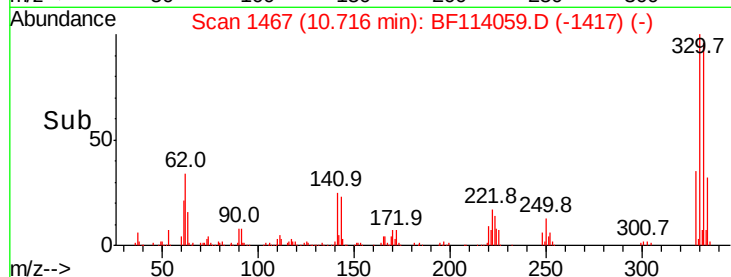
330 100

332 96.8 77.5 116.3

141 25.4 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: 19.043 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

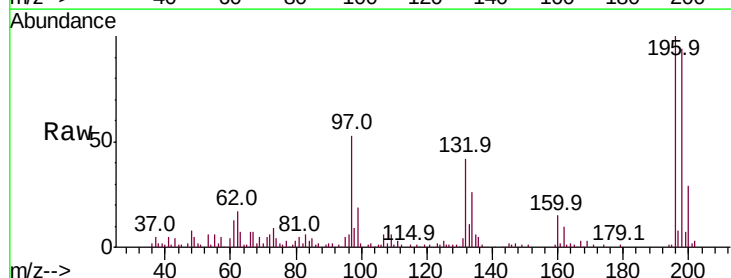
Tgt Ion:196 Resp: 74074

Ion Ratio Lower Upper

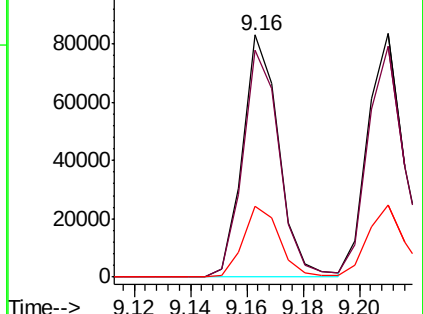
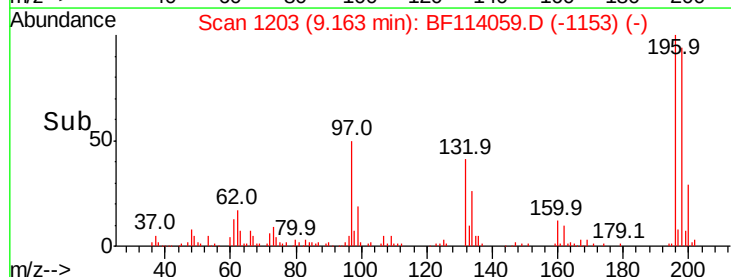
196 100

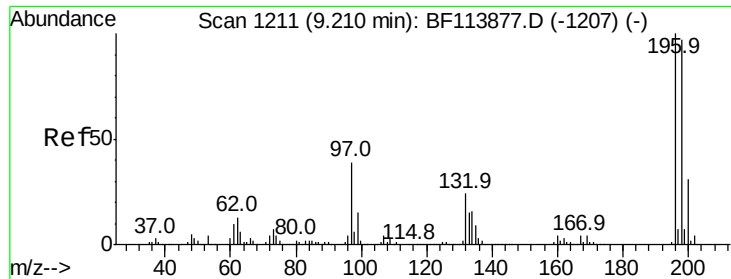
198 93.7 75.6 113.4

200 29.0 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

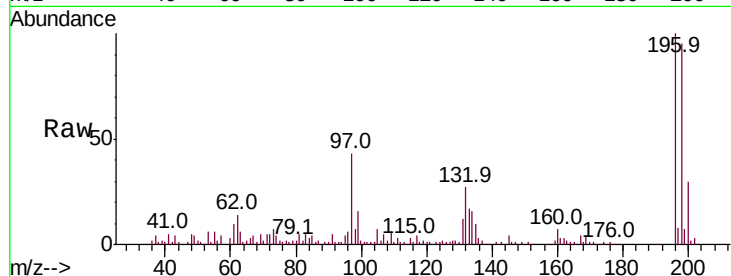




#44
 2,4,5-Trichlorophenol
 Concen: 18.395 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

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

Tot Ion:	196	Resp:	80259
Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.2	114.4
97	42.6	35.8	53.8
132	26.8	20.9	31.3



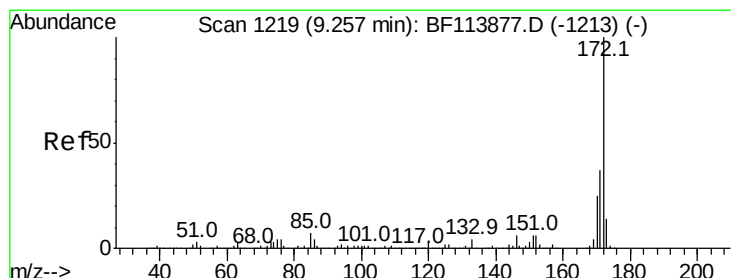
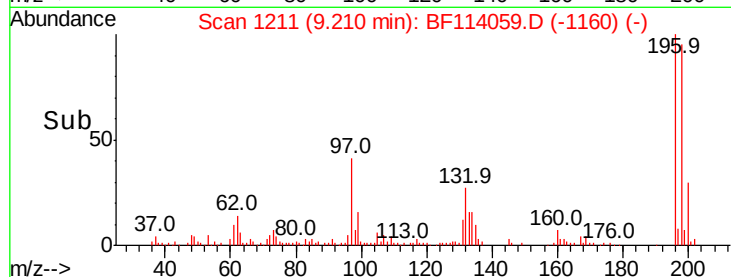
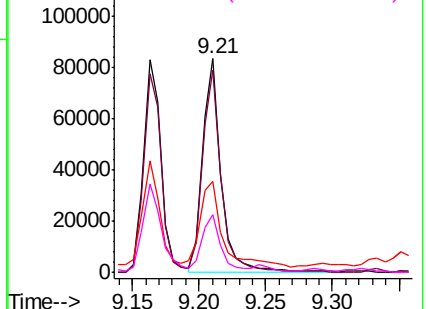
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

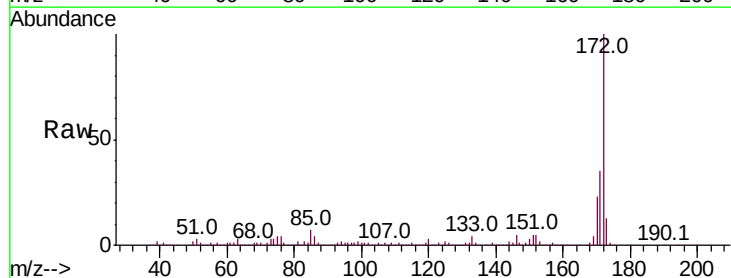
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 38.200 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion:	172	Resp:	460612
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	22.8	19.9	29.9

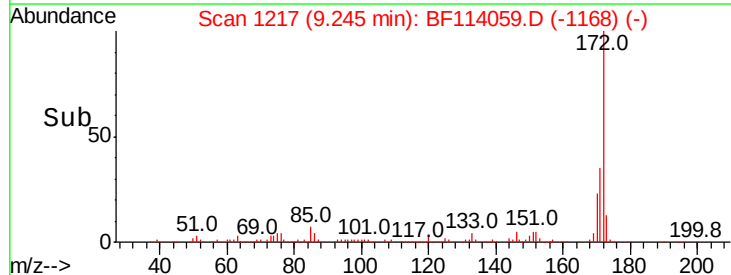
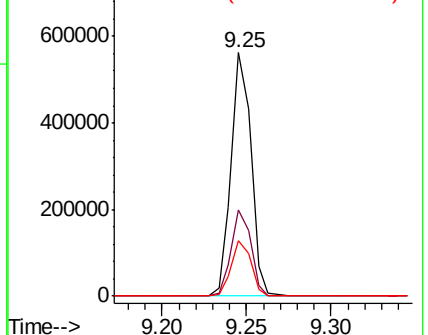


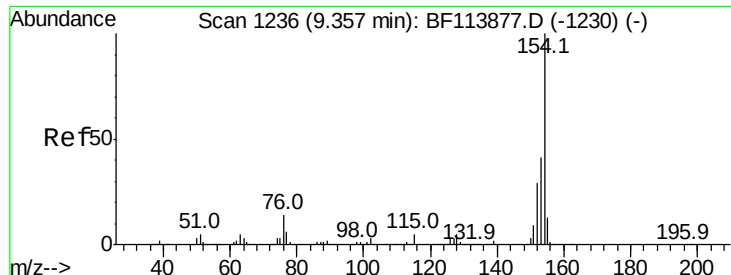
Abundance

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: 19.188 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

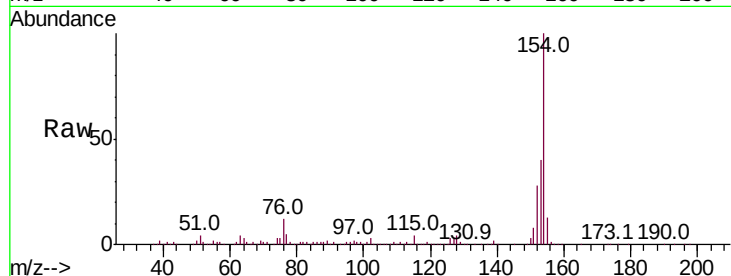
Tot Ion:154 Resp: 276433

Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

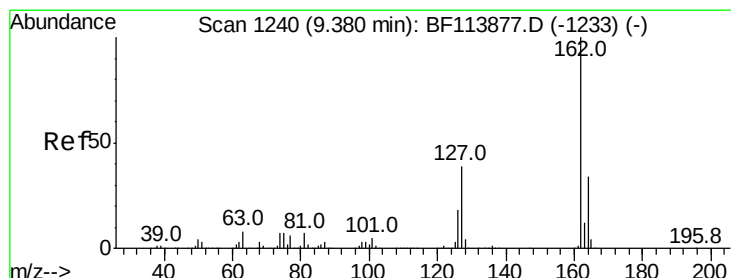
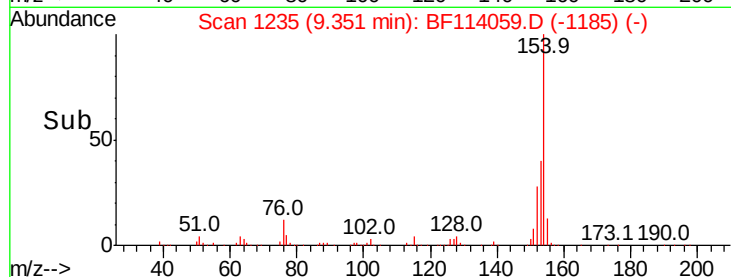
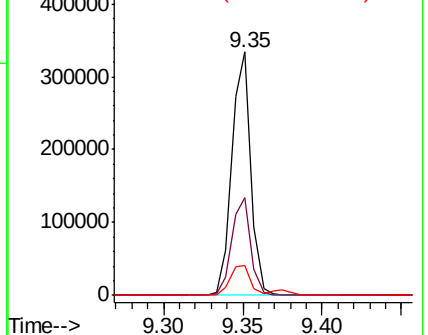
76 12.0 0.0 35.2



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: 18.495 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

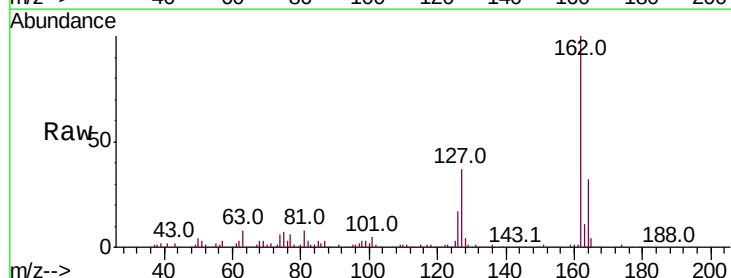
Tgt Ion:162 Resp: 216679

Ion Ratio Lower Upper

162 100

127 36.5 29.3 43.9

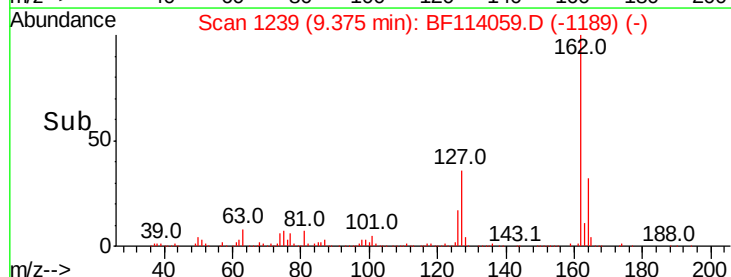
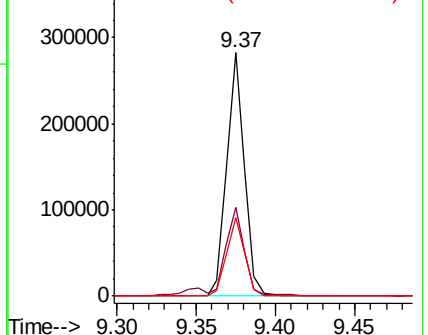
164 32.4 27.1 40.7

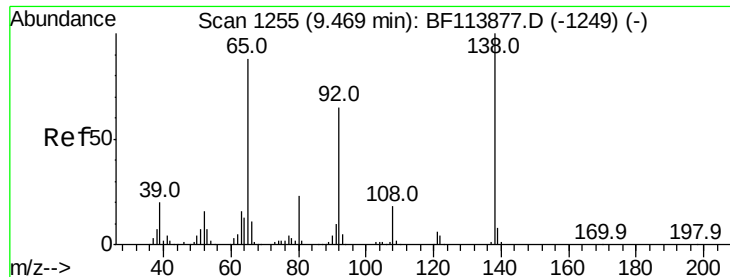


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 19.096 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

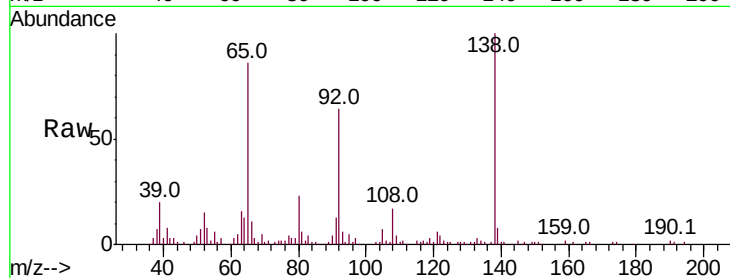
Tot Ion: 65 Resp: 58650

Ion Ratio Lower Upper

65 100

92 73.8 57.4 86.0

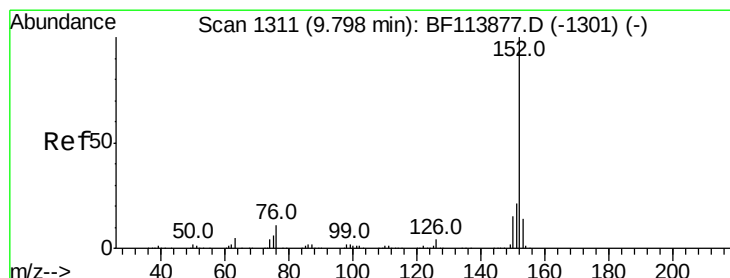
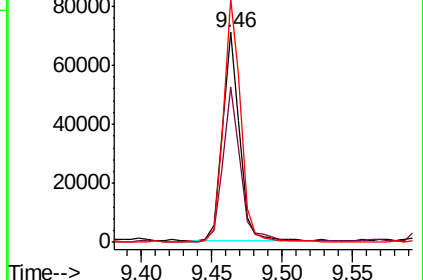
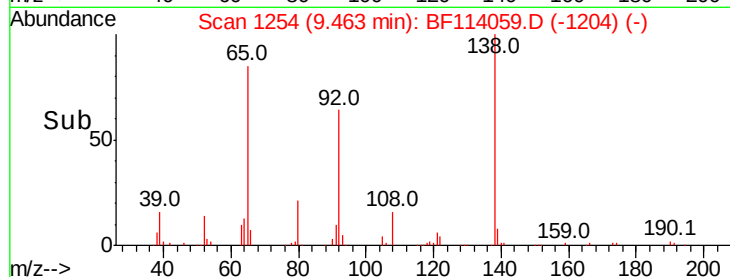
138 116.0 85.4 128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Acenaphthylene

Concen: 18.737 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

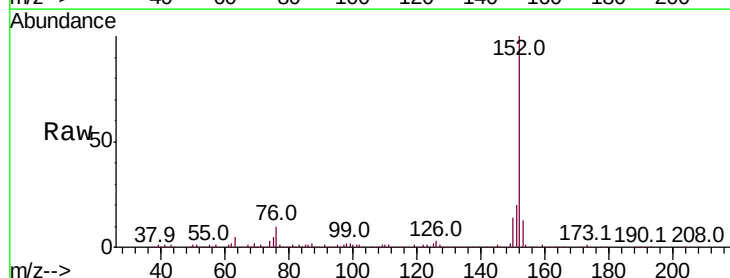
Tgt Ion: 152 Resp: 343668

Ion Ratio Lower Upper

152 100

151 19.9 17.0 25.4

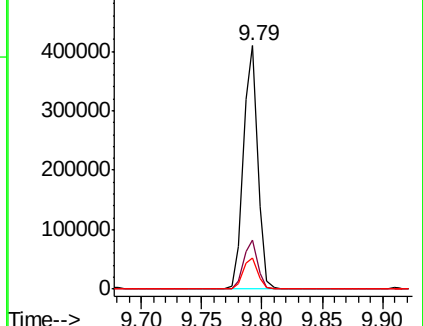
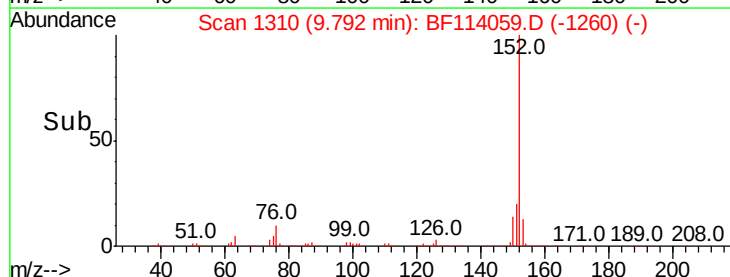
153 12.8 11.0 16.6

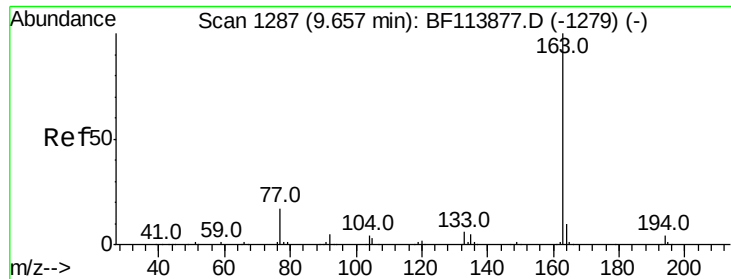


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 21.395 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

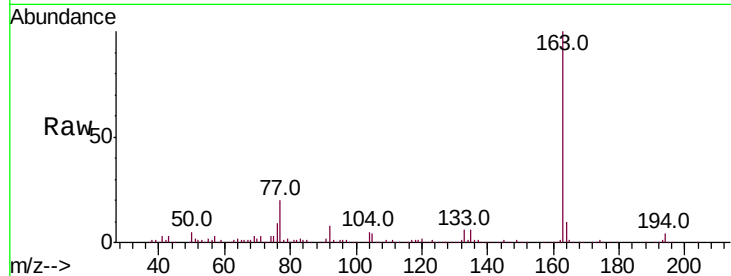
Tot Ion:163 Resp: 291804

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

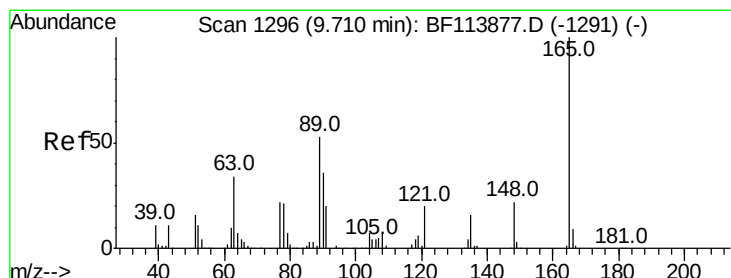
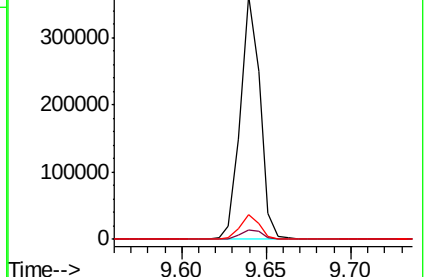
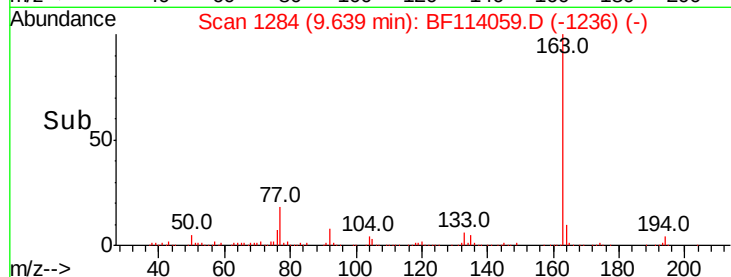
164 10.3 8.5 12.7



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: 18.962 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

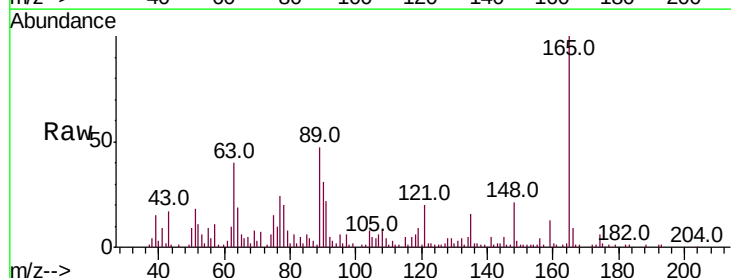
Tgt Ion:165 Resp: 55485

Ion Ratio Lower Upper

165 100

63 40.0 33.8 50.8

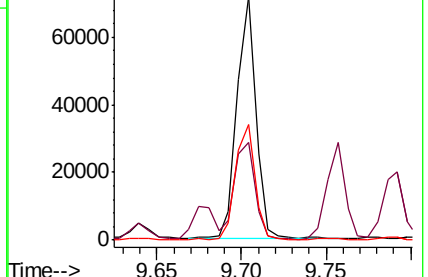
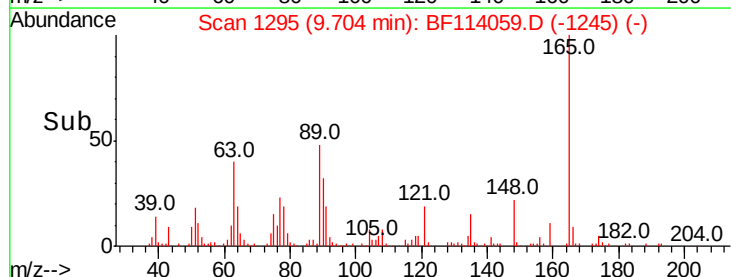
89 47.3 38.2 57.2

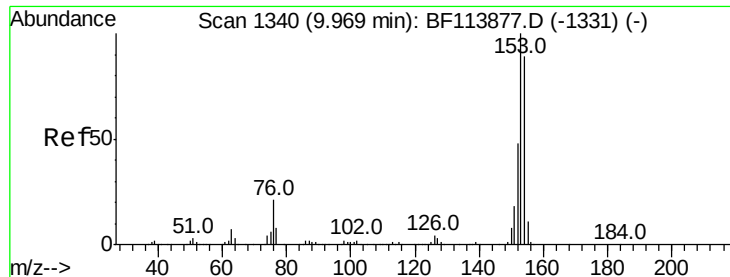


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 18.021 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

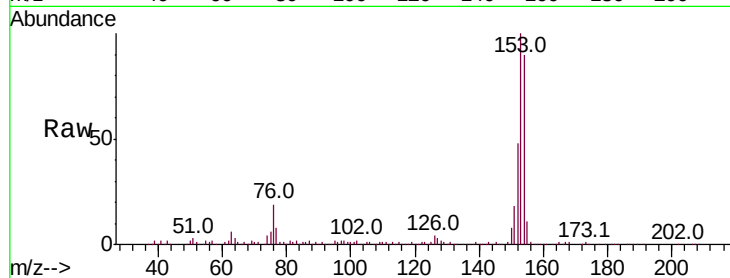
Tot Ion:154 Resp: 195334

Ion Ratio Lower Upper

154 100

153 111.5 87.2 130.8

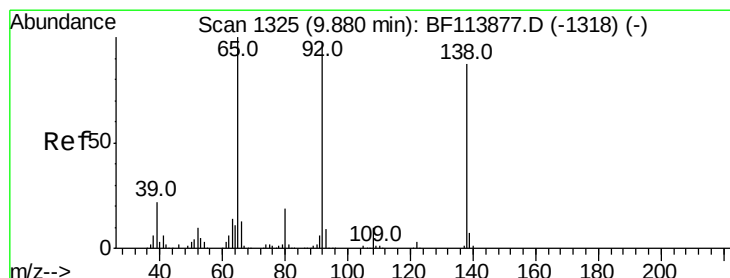
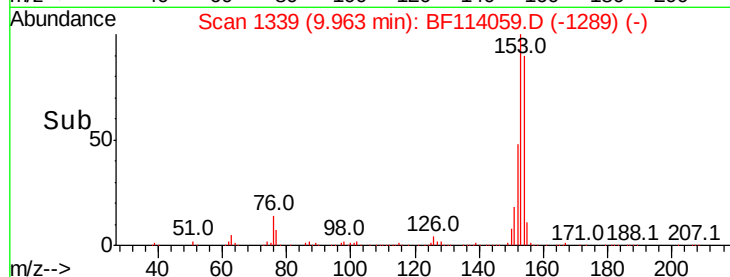
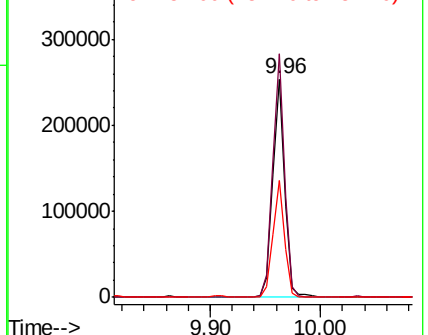
152 53.6 42.3 63.5



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: 14.603 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

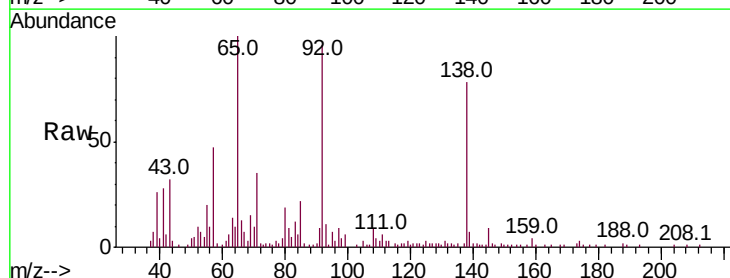
Tgt Ion:138 Resp: 44902

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.2

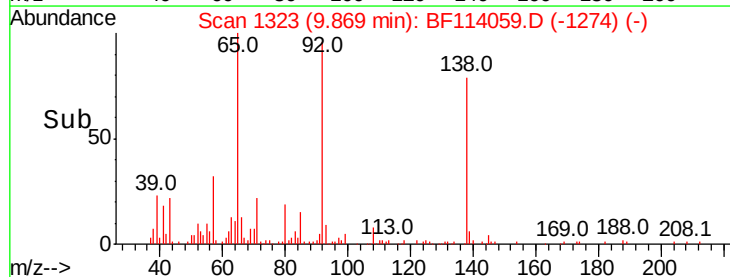
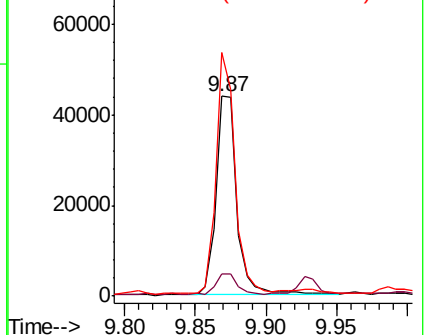
92 121.9 94.1 141.1

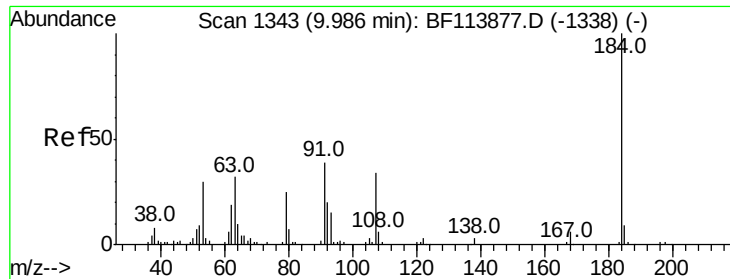


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

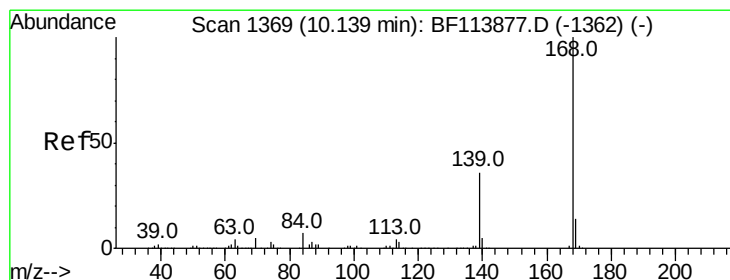
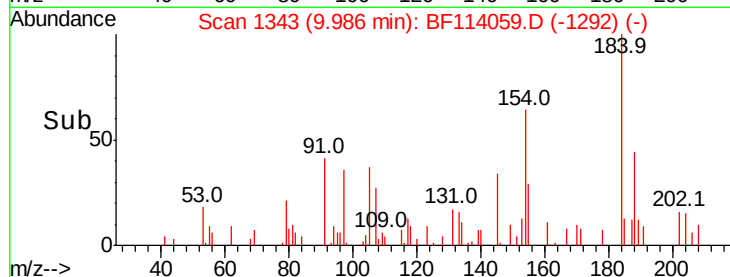
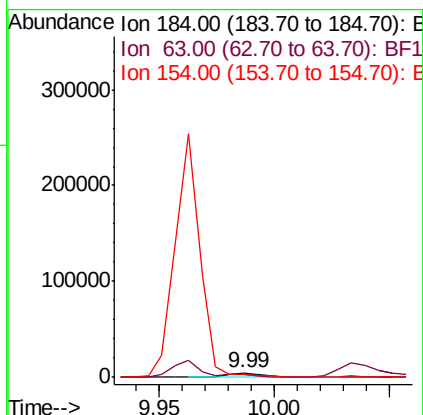
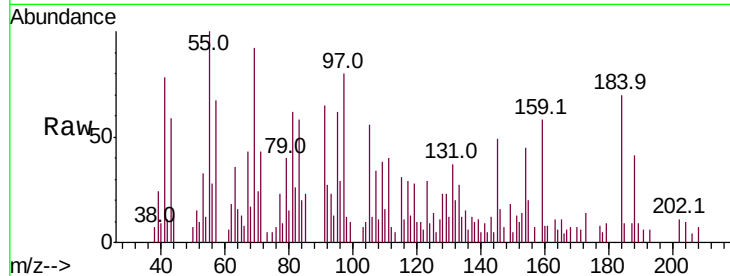




#54
 2,4-Dinitrophenol
 Concen: 12.032 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

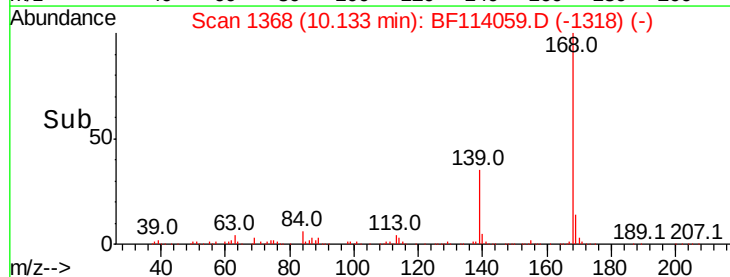
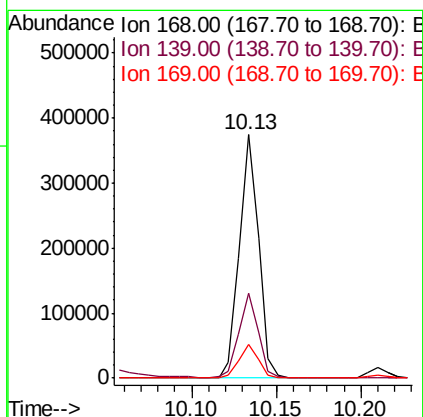
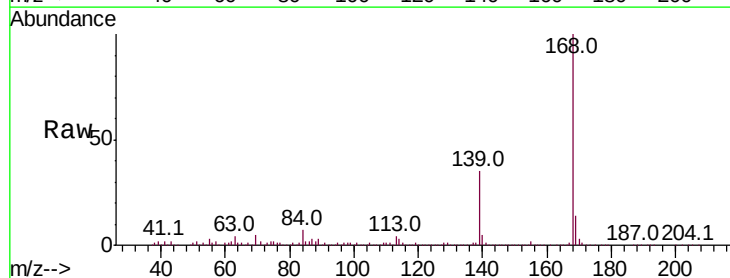
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMS

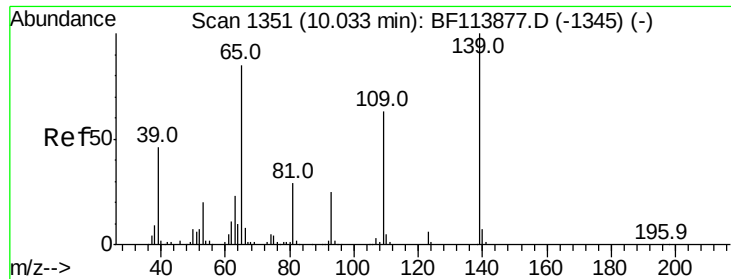
Tot Ion:184 Resp: 5246
 Ion Ratio Lower Upper
 184 100
 63 51.1 54.6 81.8#
 154 63.9 218.6 328.0#



#55
 Dibenzofuran
 Concen: 18.242 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion:168 Resp: 296190
 Ion Ratio Lower Upper
 168 100
 139 34.9 27.8 41.6
 169 13.7 11.0 16.6

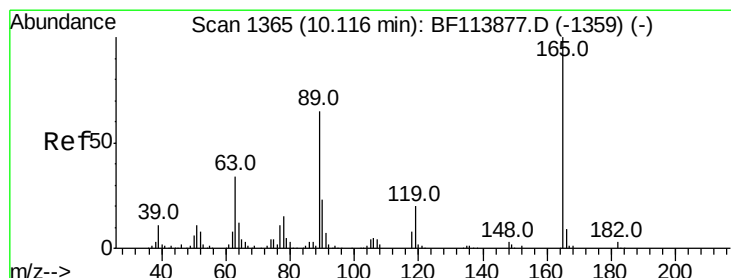
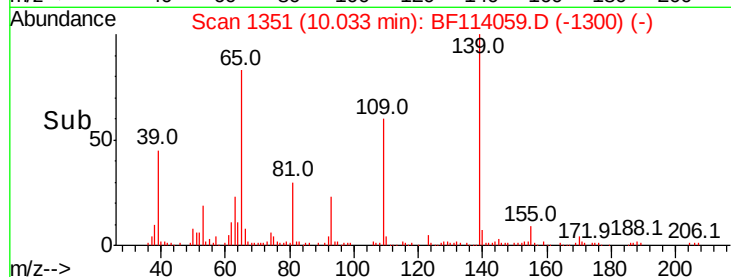
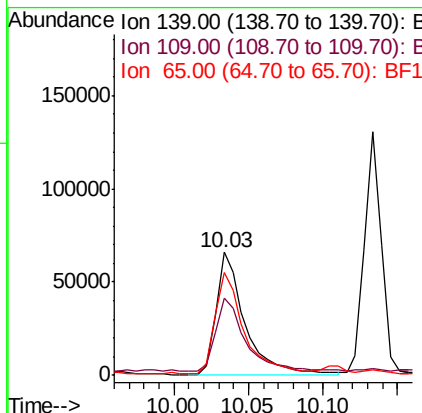
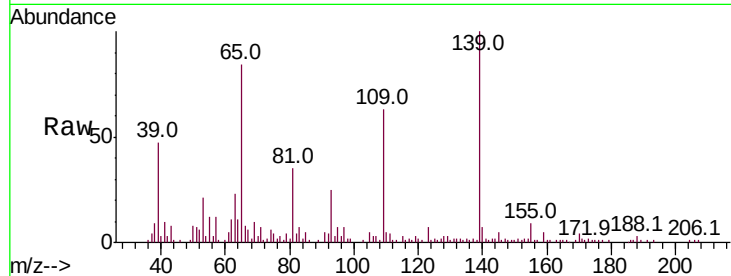




#56
4-Nitrophenol
Concen: 36.145 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

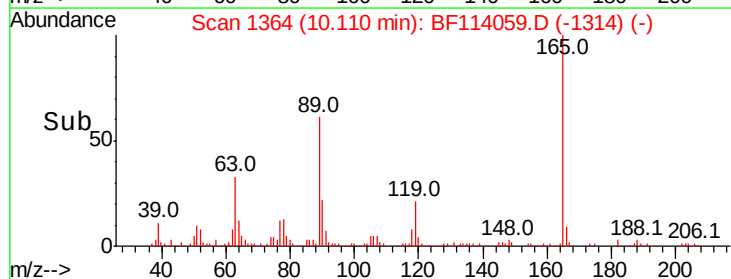
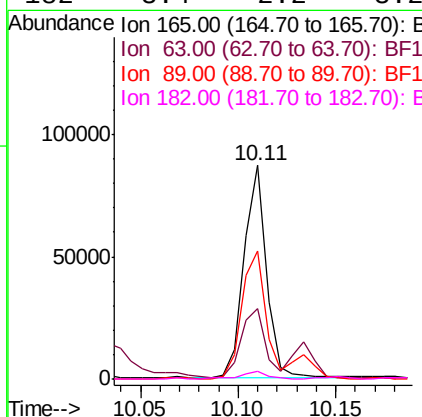
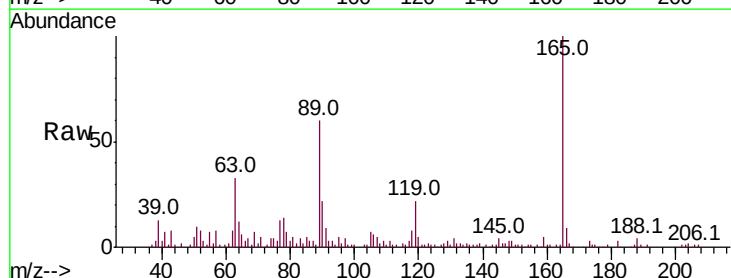
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

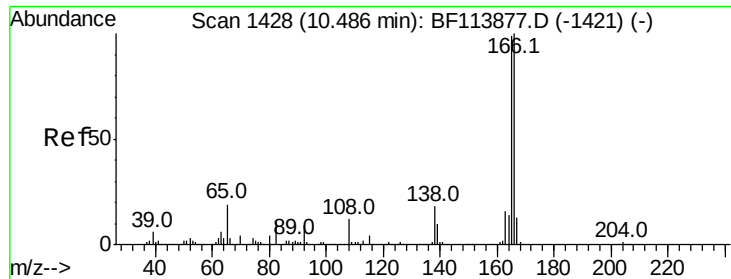
Tot Ion:139 Resp: 87996
Ion Ratio Lower Upper
139 100
109 62.8 42.9 82.9
65 83.8 64.4 104.4



#57
2,4-Dinitrotoluene
Concen: 18.666 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion:165 Resp: 68940
Ion Ratio Lower Upper
165 100
63 32.8 27.4 41.0
89 60.2 51.8 77.6
182 3.4 2.2 3.2#

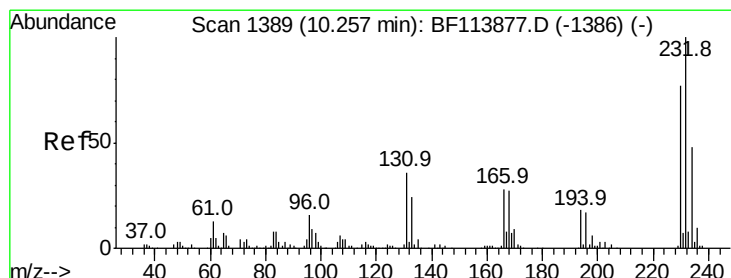
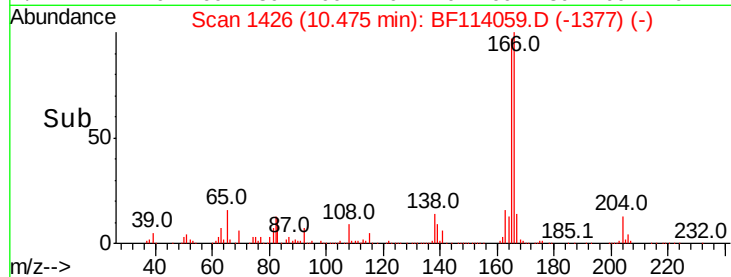
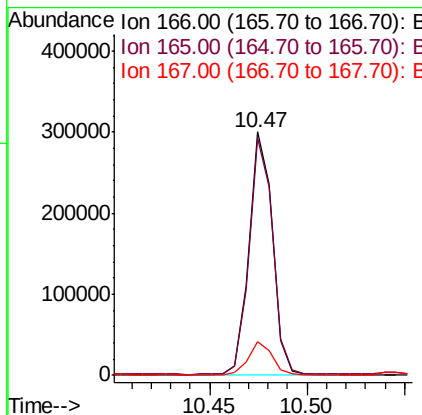
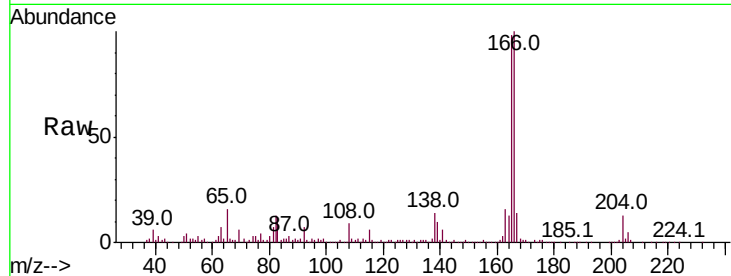




#58
 Fluorene
 Concen: 20.400 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

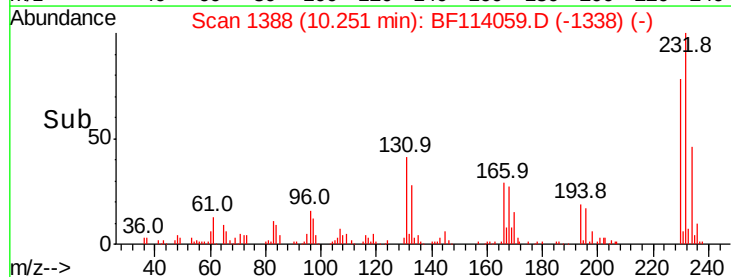
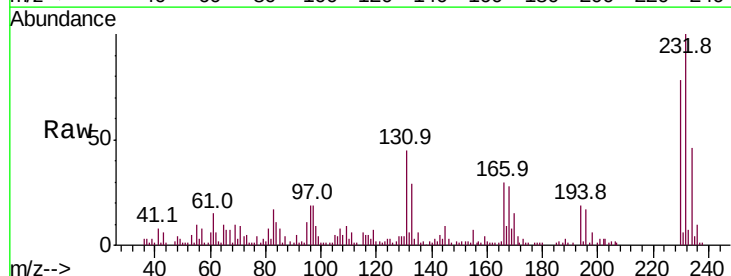
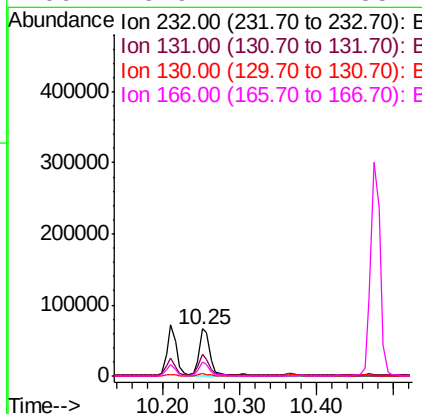
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMS

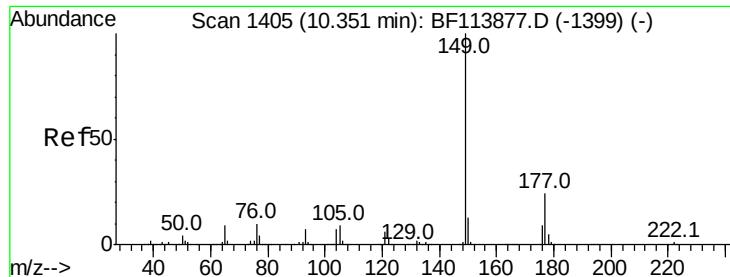
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	13.8	10.9	16.3



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 18.515 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.2	30.2	45.2
130	3.5	1.5	2.3#
166	25.9	22.2	33.4





#60

Diethylphthalate

Concen: 19.298 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

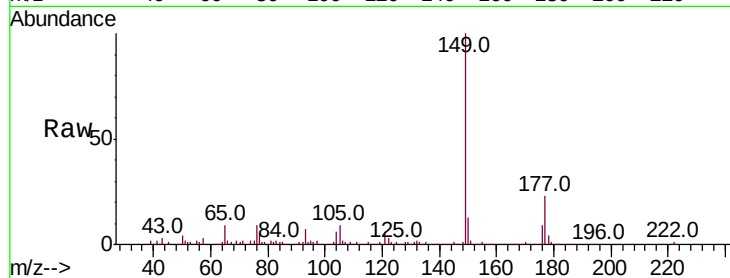
Tot Ion:149 Resp: 249945

Ion Ratio Lower Upper

149 100

177 23.5 19.2 28.8

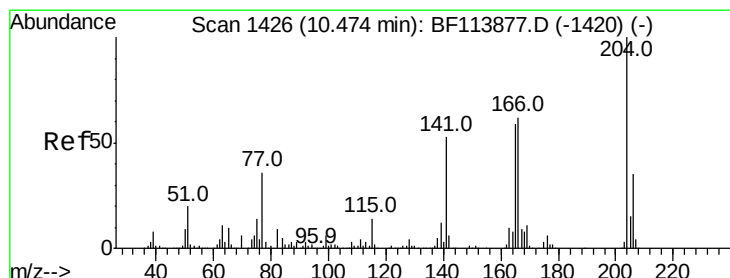
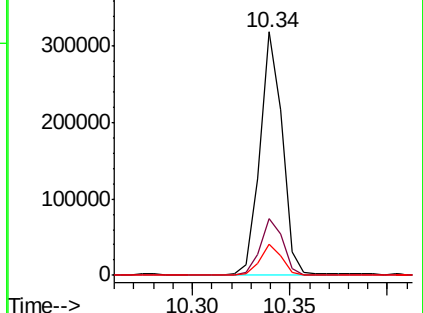
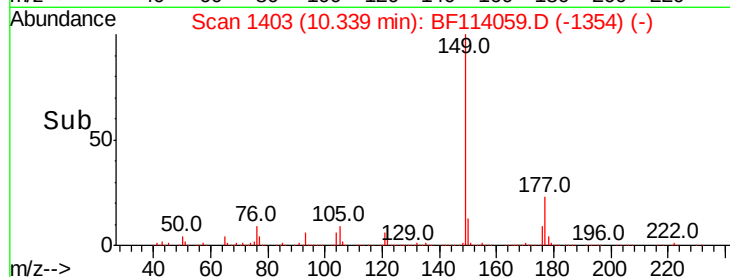
150 12.6 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 19.855 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

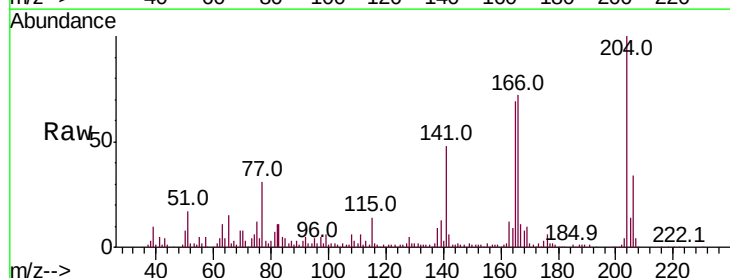
Tgt Ion:204 Resp: 128541

Ion Ratio Lower Upper

204 100

206 33.5 27.4 41.2

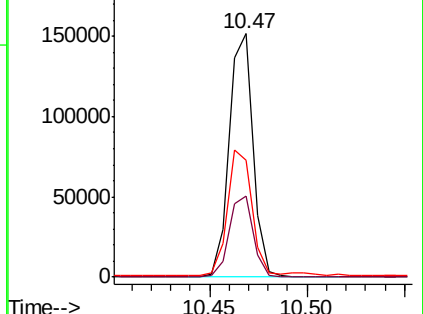
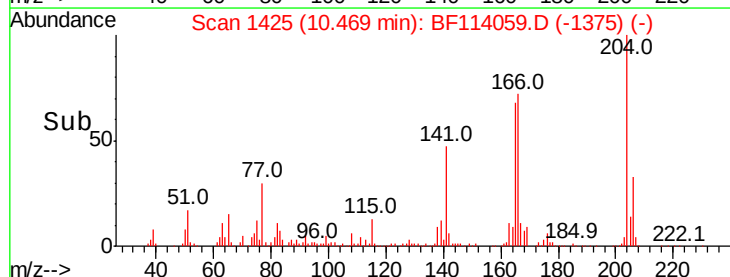
141 48.0 42.6 63.8

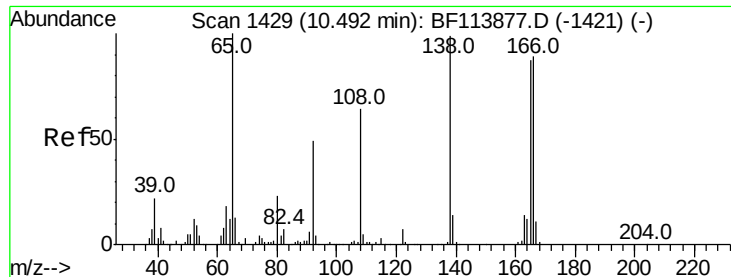


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 17.372 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

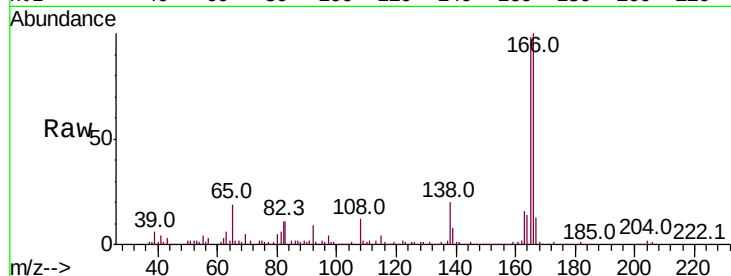
Tot Ion:138 Resp: 52126

Ion Ratio Lower Upper

138 100

92 45.3 31.3 71.3

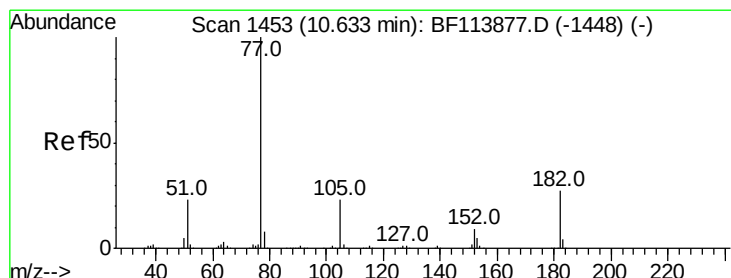
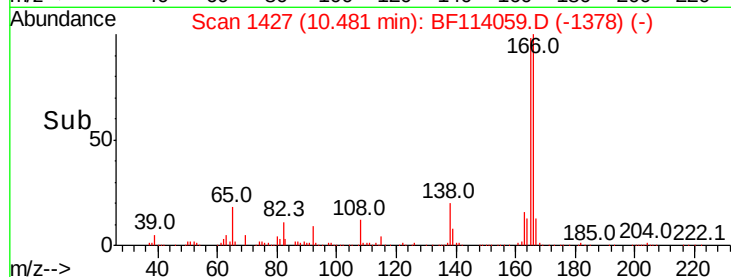
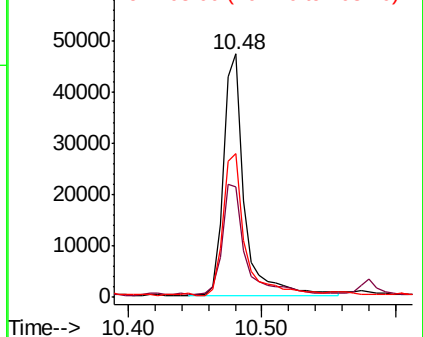
108 59.3 48.9 88.9



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: 18.169 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion: 77 Resp: 228068

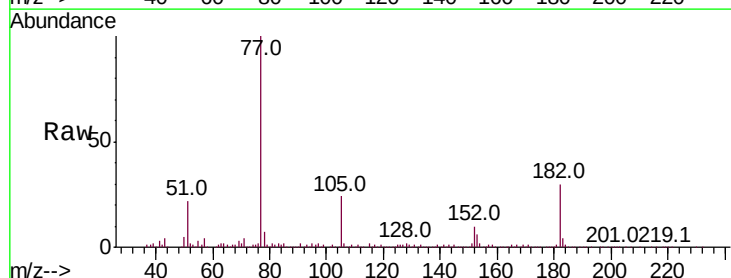
Ion Ratio Lower Upper

77 100

182 30.1 4.4 44.4

105 23.6 2.2 42.2

51 21.9 3.9 43.9

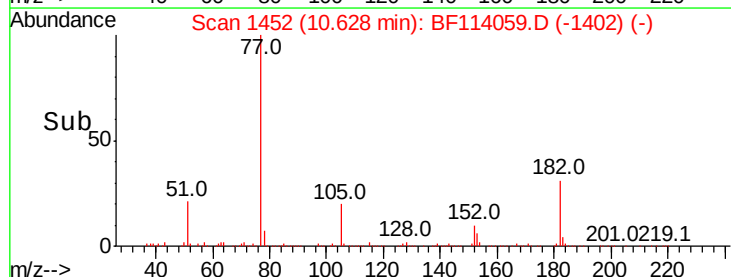
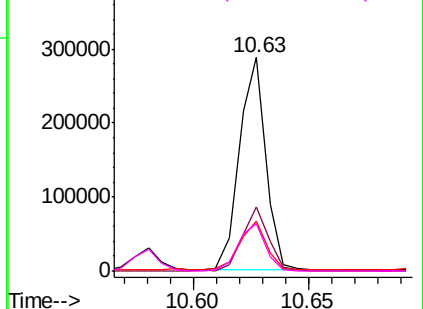


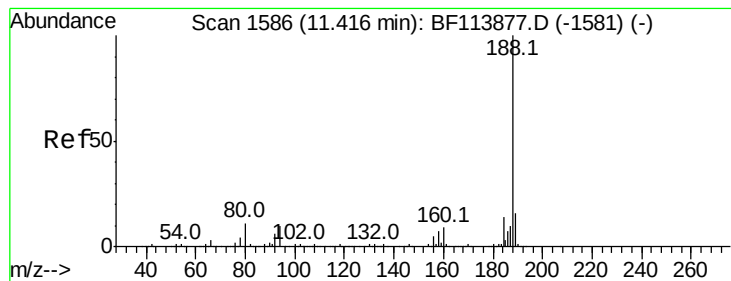
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

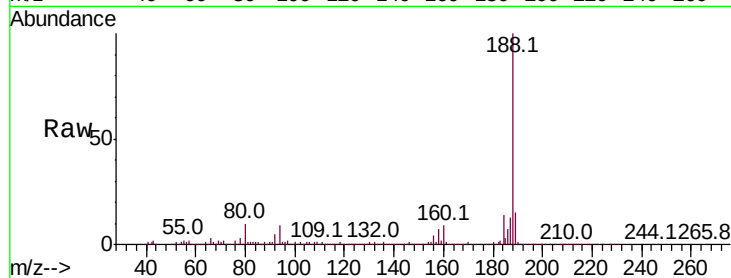
Tot Ion:188 Resp: 416379

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 9.9 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

600000

400000

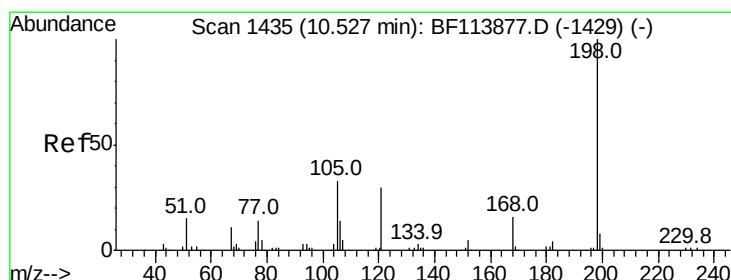
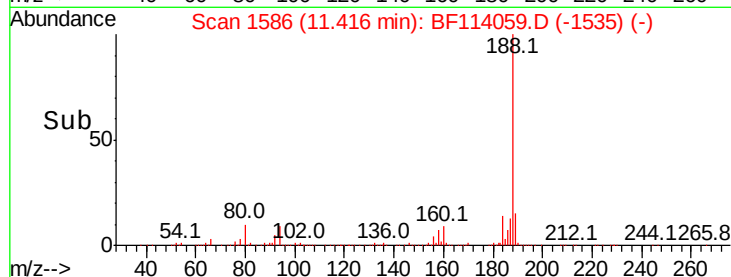
200000

0

11.42

11.45

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 14.288 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

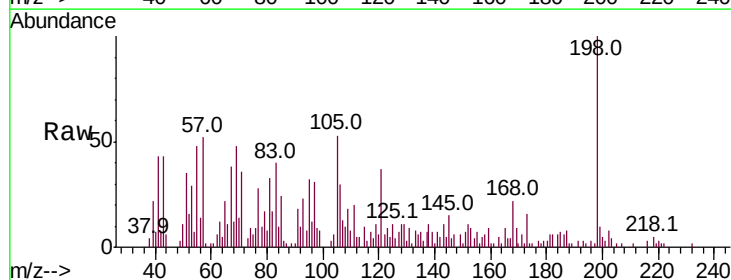
Tgt Ion:198 Resp: 15713

Ion Ratio Lower Upper

198 100

51 35.1 11.1 51.1

105 53.2 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

40000

30000

20000

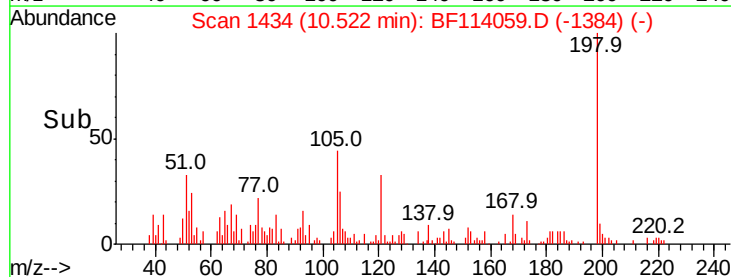
10000

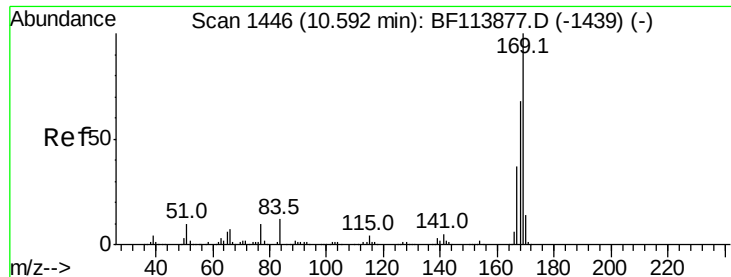
0

10.52

10.55

Time-->

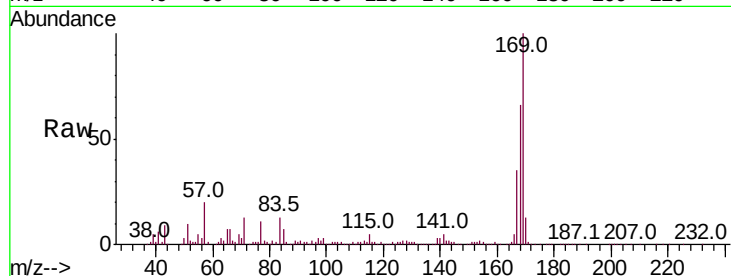




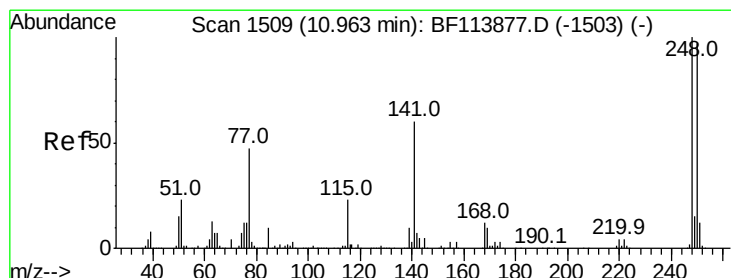
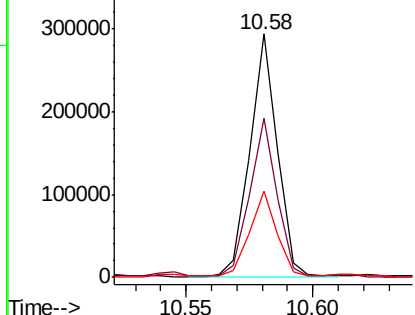
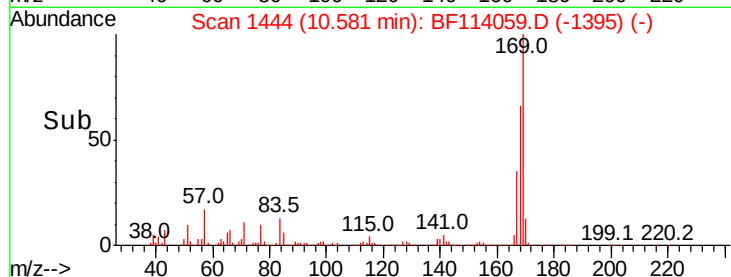
#66
 n-Nitrosodiphenylamine
 Concen: 17.740 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.6	54.3	81.5
167	35.4	29.4	44.0

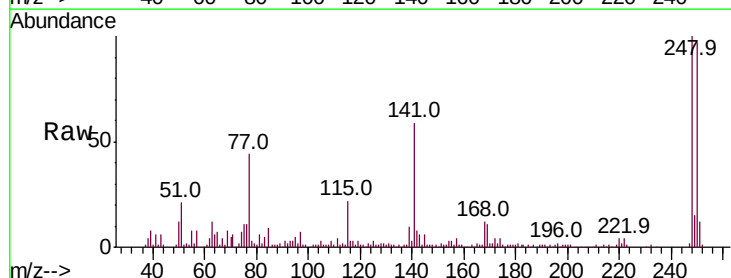


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

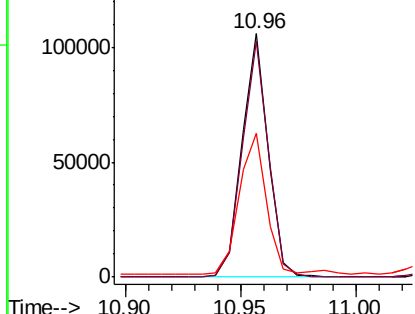
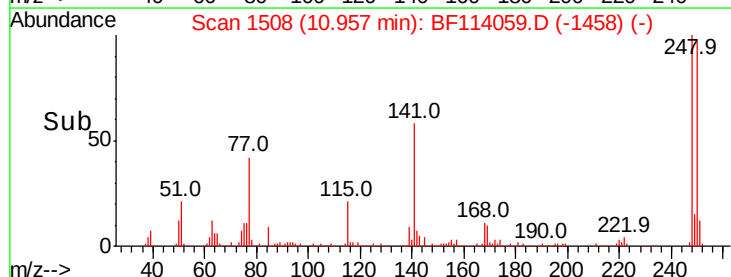


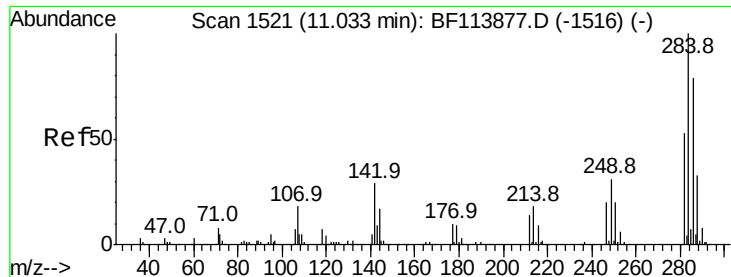
#67
 4-Bromophenyl-phenylether
 Concen: 16.509 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.8	113.6
141	59.0	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

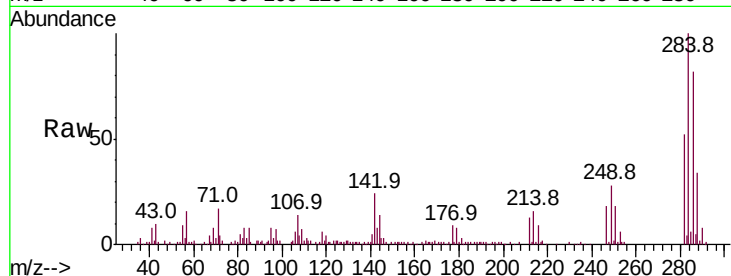




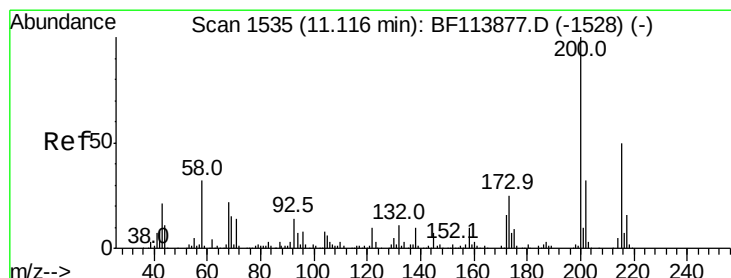
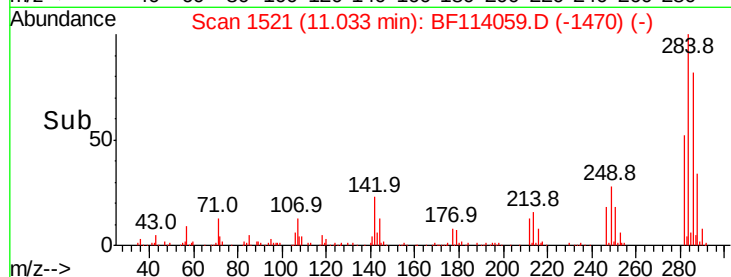
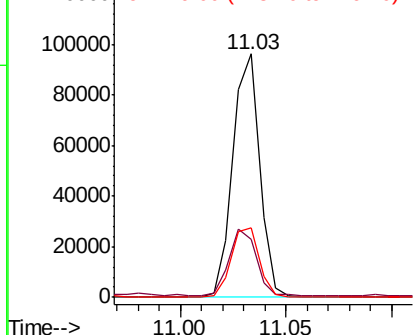
#68
Hexachlorobenzene
Concen: 15.312 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

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

Tot Ion:284 Resp: 84639
Ion Ratio Lower Upper
284 100
142 24.0 23.0 34.4
249 28.4 24.4 36.6

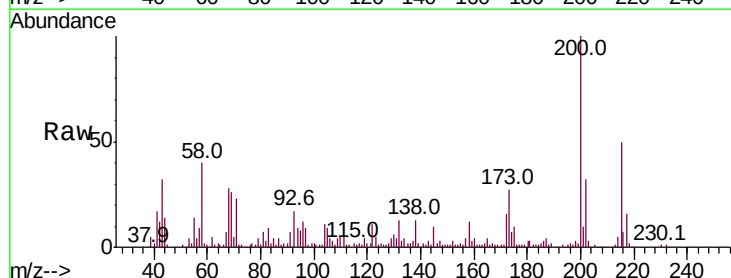


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

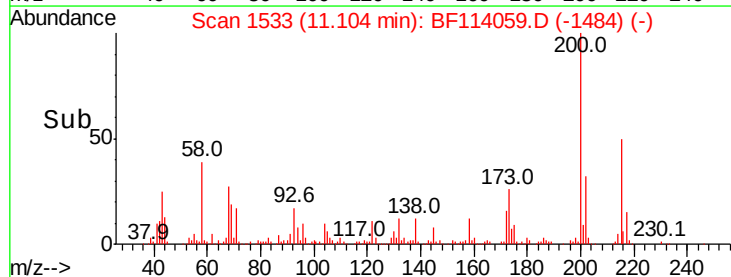
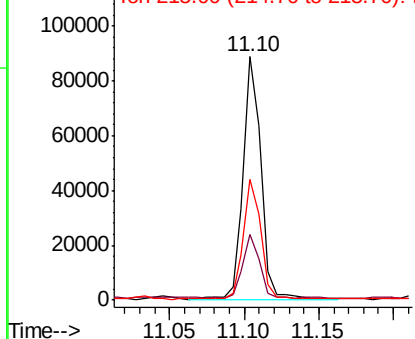


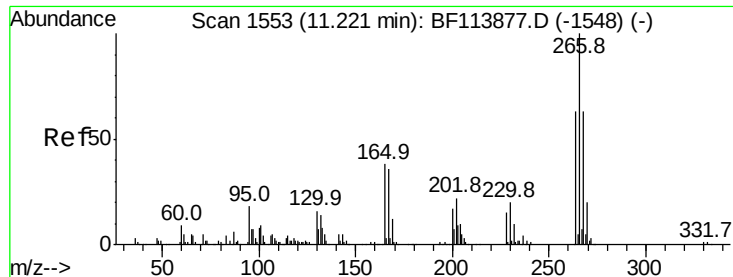
#69
Atrazine
Concen: 18.604 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion:200 Resp: 75611
Ion Ratio Lower Upper
200 100
173 27.2 5.9 45.9
215 49.6 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

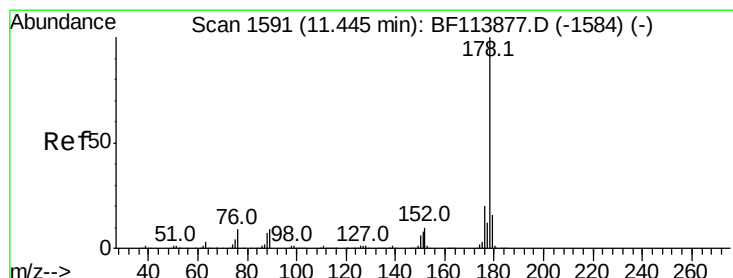
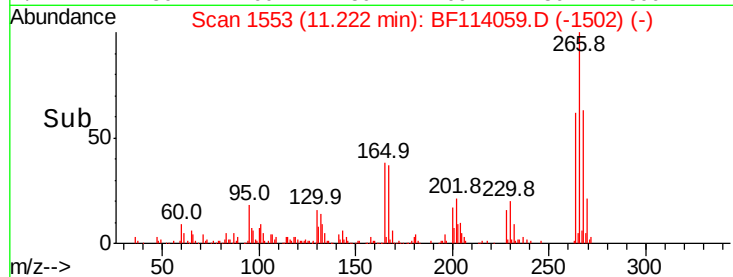
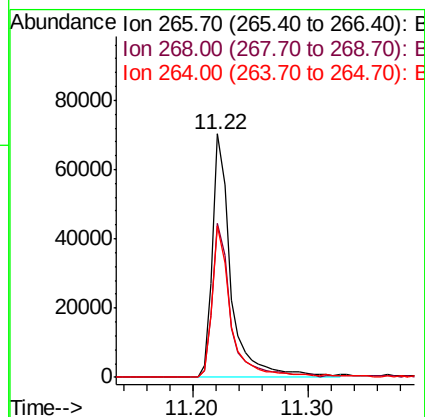
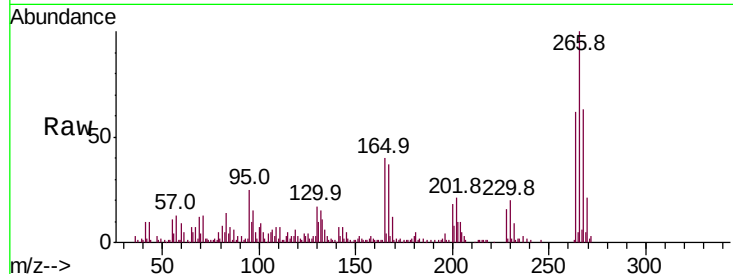




#70
 Pentachlorophenol
 Concen: 25.275 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

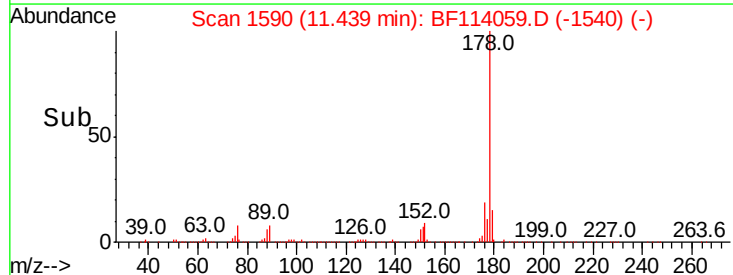
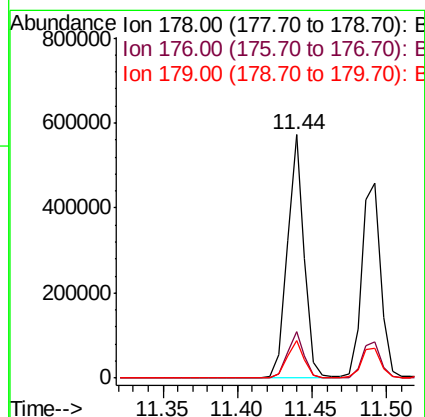
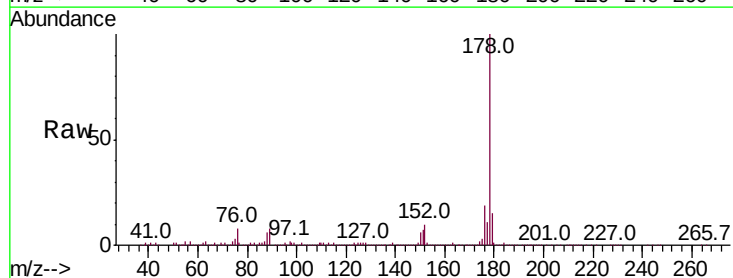
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMS

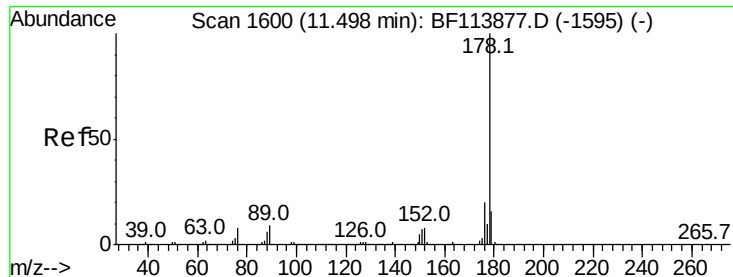
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	53.5	80.3
264	62.1	51.0	76.6



#71
 Phenanthrene
 Concen: 21.588 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	15.4	12.8	19.2





#72

Anthracene

Concen: 19.515 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

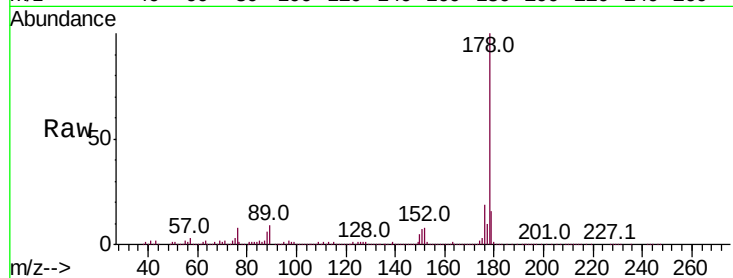
Tot Ion:178 Resp: 412371

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

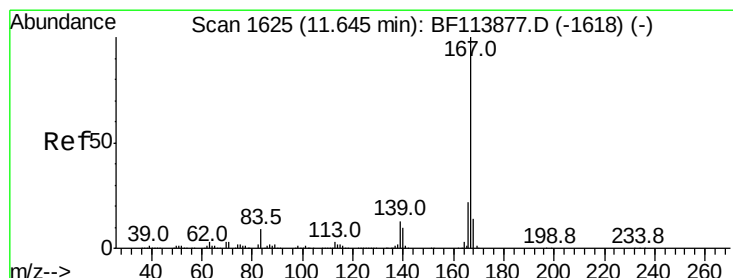
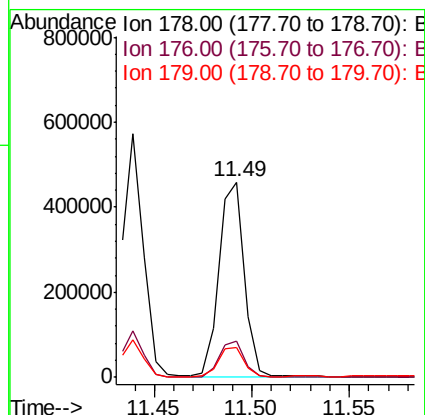
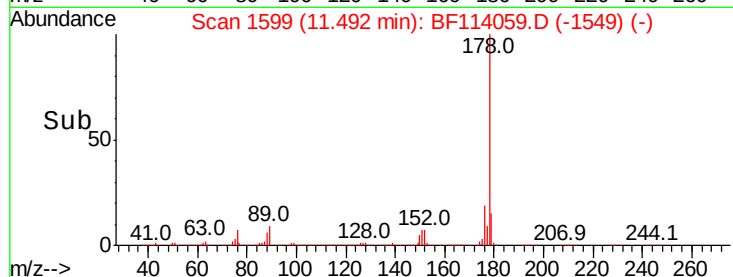
179 15.6 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 17.466 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

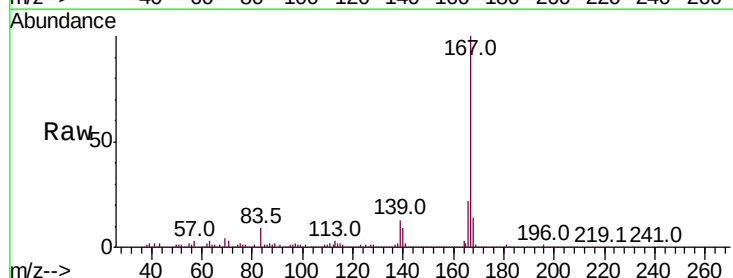
Tgt Ion:167 Resp: 329265

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

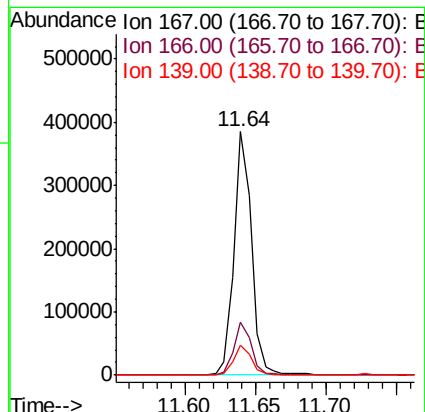
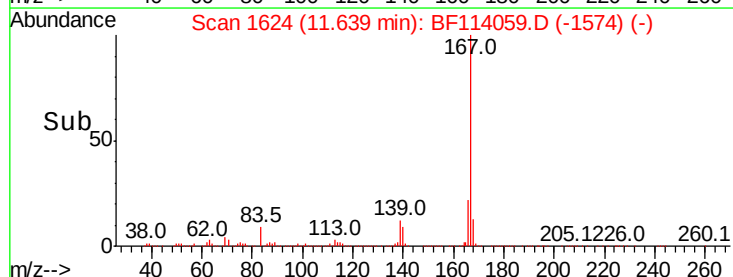
139 12.5 10.0 15.0

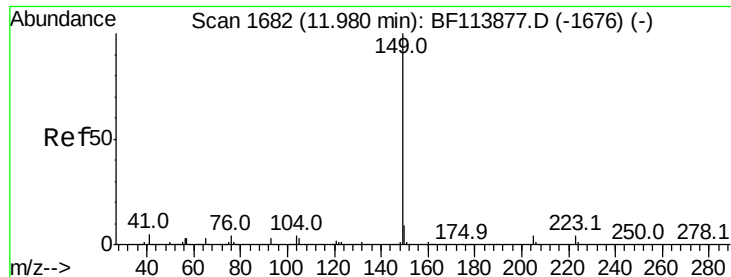


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

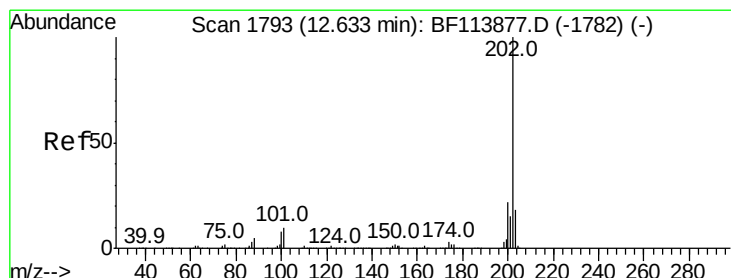
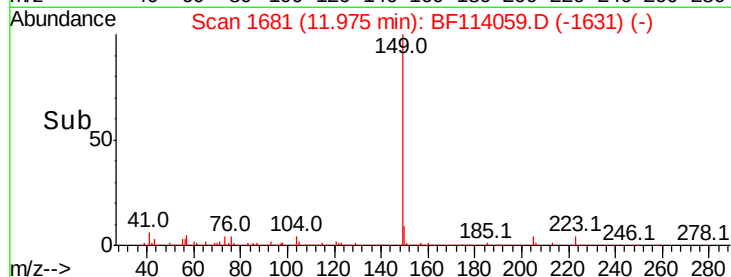
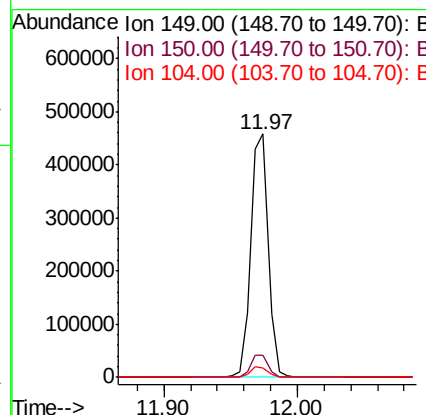
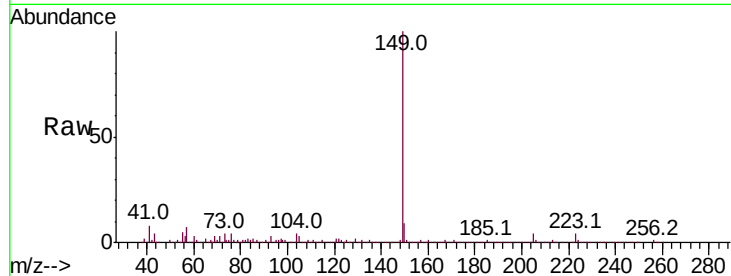




#74
Di-n-butylphthalate
Concen: 18.292 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

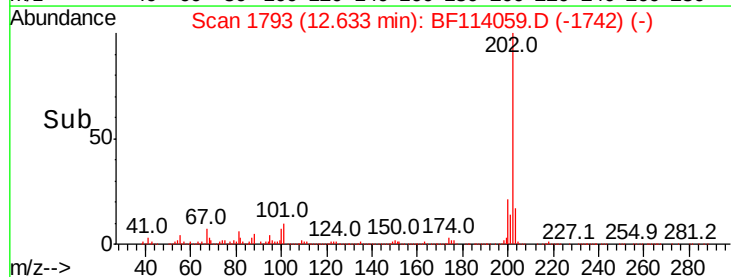
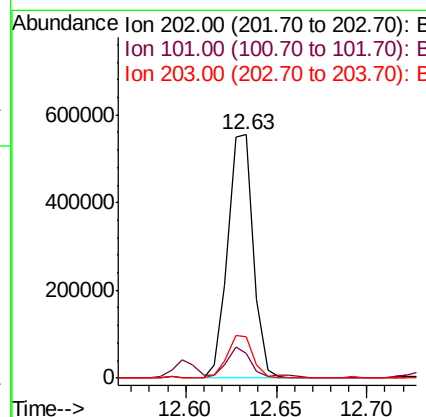
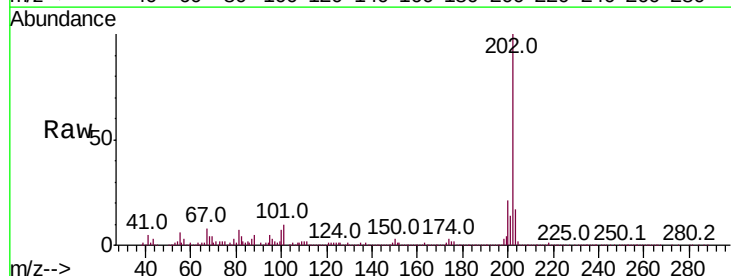
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

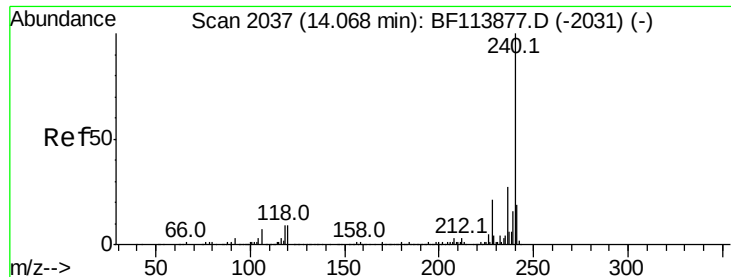
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.8
104	4.1	3.8	5.8



#75
Fluoranthene
Concen: 23.832 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.9
203	17.0	0.0	38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

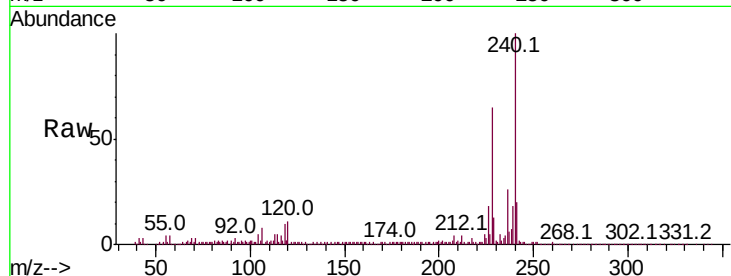
Tot Ion:240 Resp: 298877

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

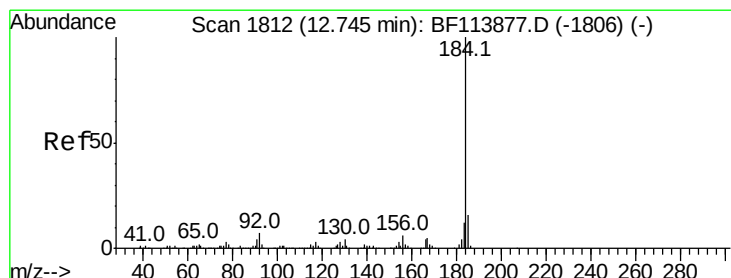
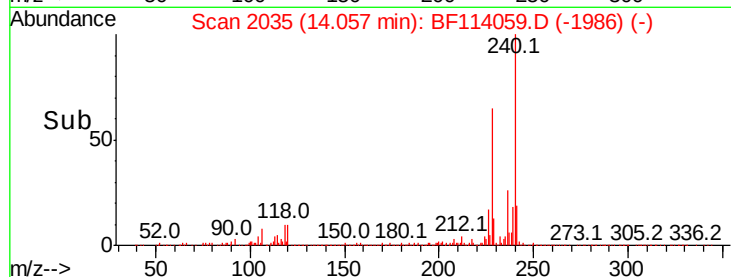
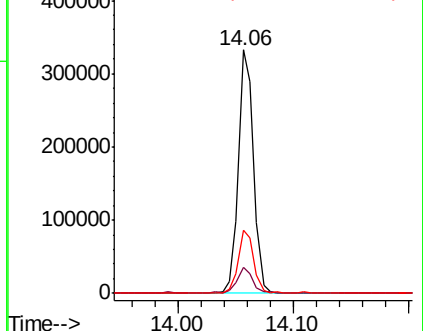
236 26.2 21.2 31.8



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: 5.924 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

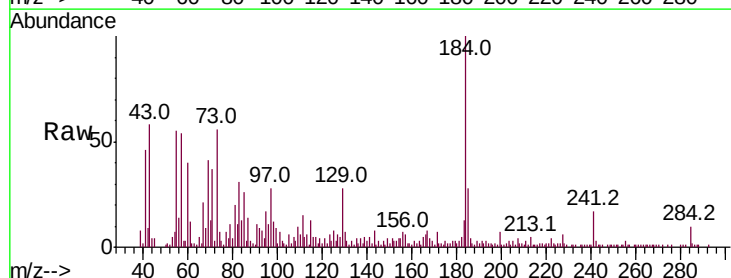
Tgt Ion:184 Resp: 52755

Ion Ratio Lower Upper

184 100

185 28.3 13.0 19.6#

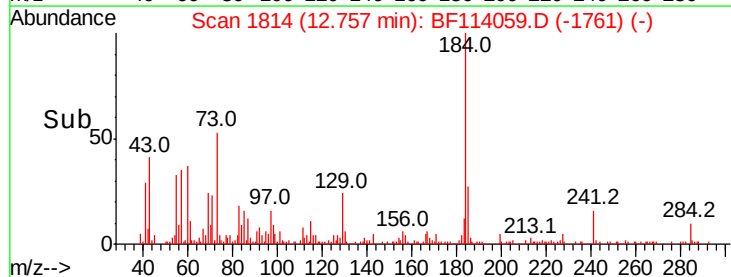
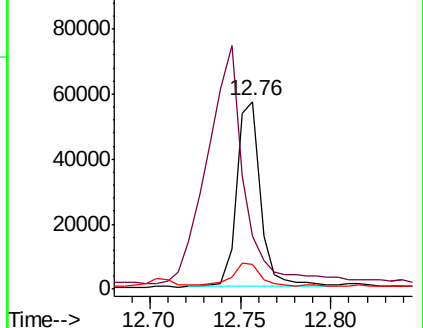
183 13.3 9.4 14.0

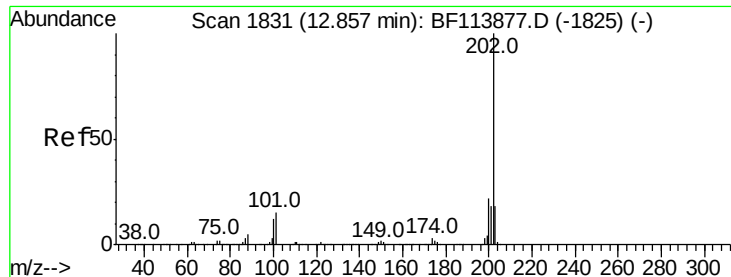


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 27.056 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

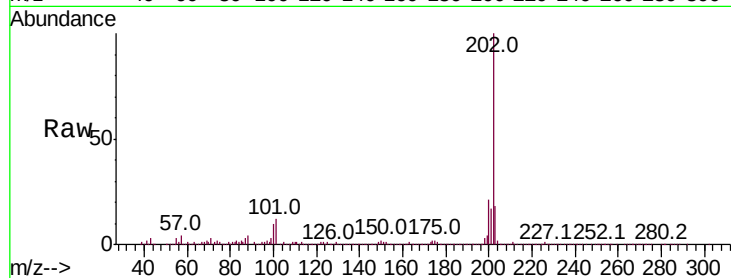
Tot Ion:202 Resp: 565503

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

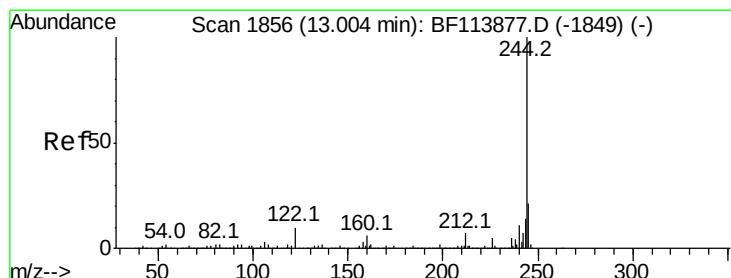
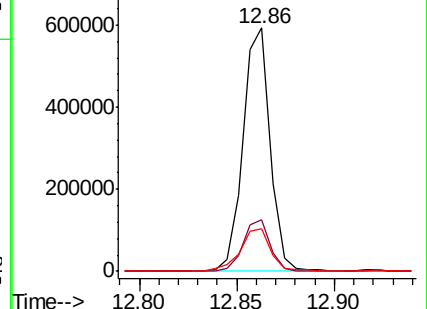
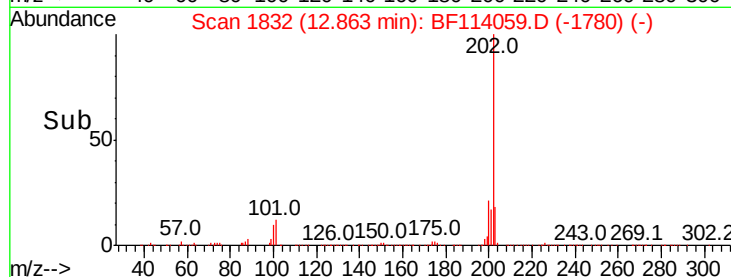
203 17.7 15.0 22.6



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: 38.394 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

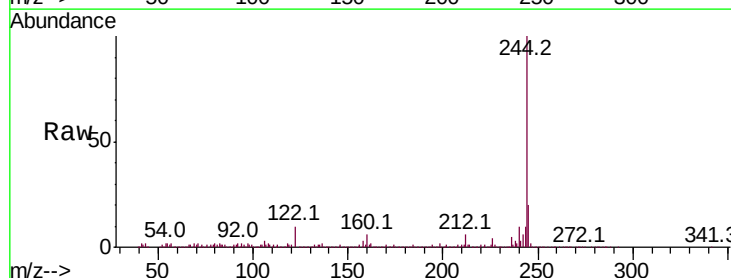
Tgt Ion:244 Resp: 559717

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

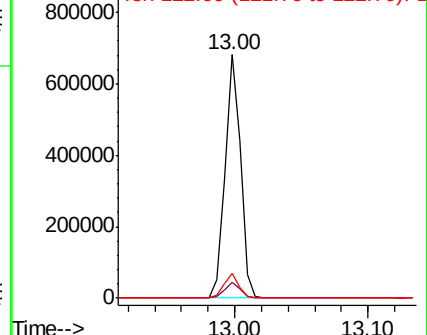
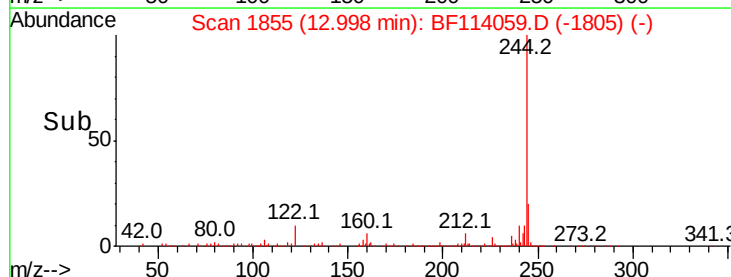
122 10.1 7.6 11.4

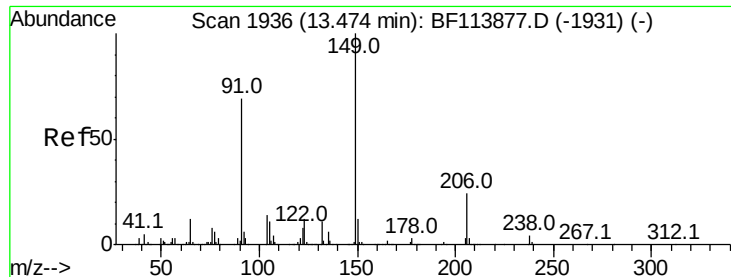


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

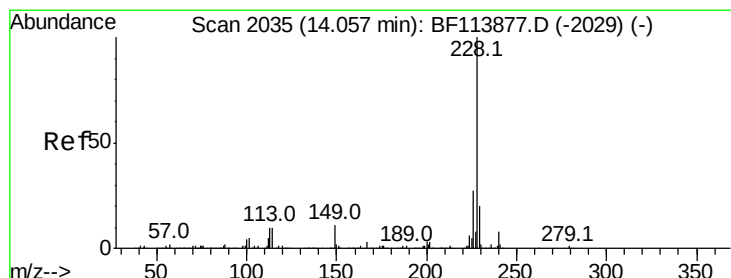
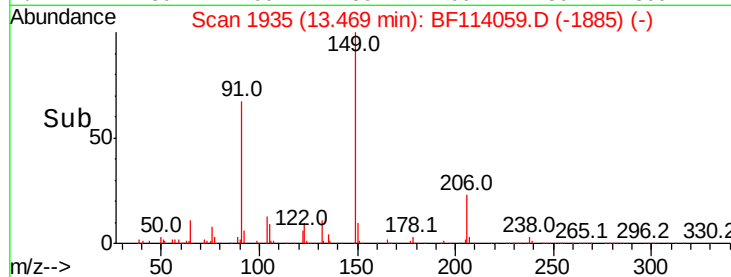
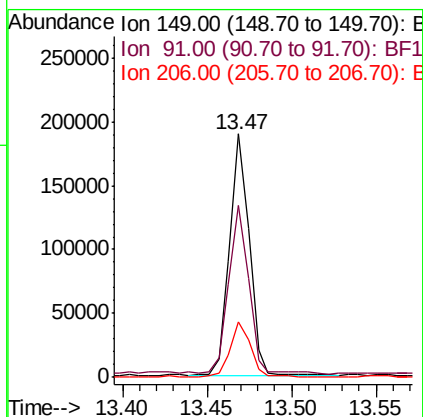
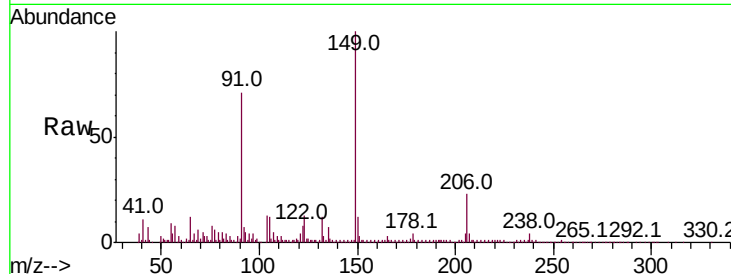




#80
Butylbenzylphthalate
Concen: 18.517 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

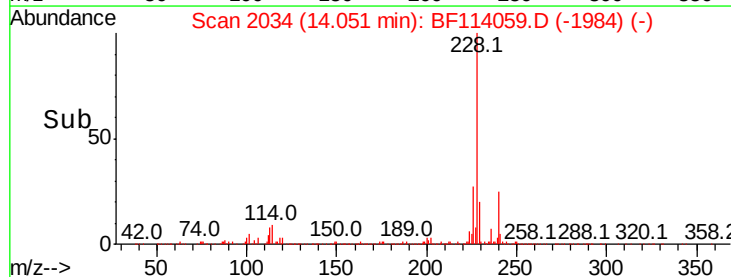
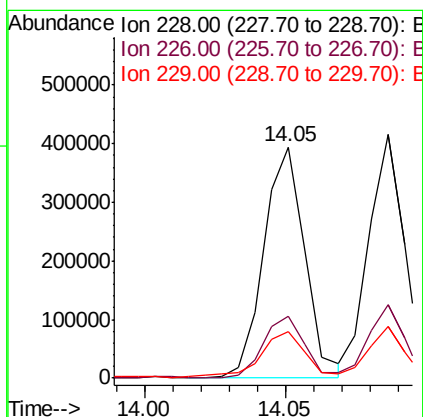
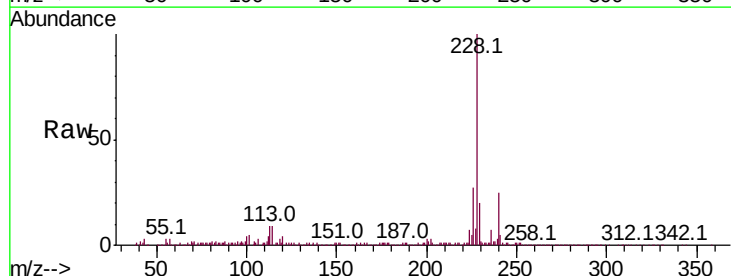
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

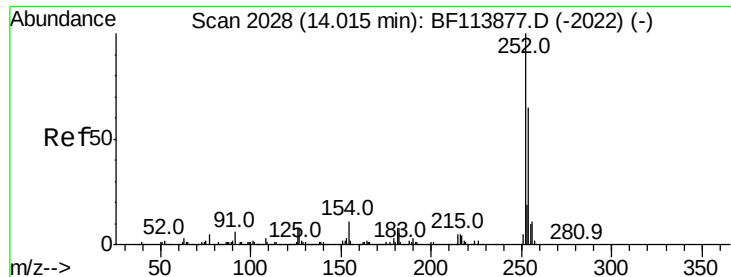
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.3	84.5
206	22.8	19.0	28.6



#81
Benzo(a)anthracene
Concen: 22.424 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.3	16.0	24.0





#82

3,3'-Dichlorobenzidine

Concen: 10.140 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

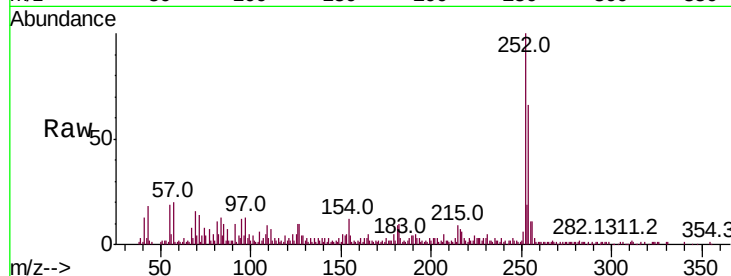
Tot Ion:252 Resp: 65444

Ion Ratio Lower Upper

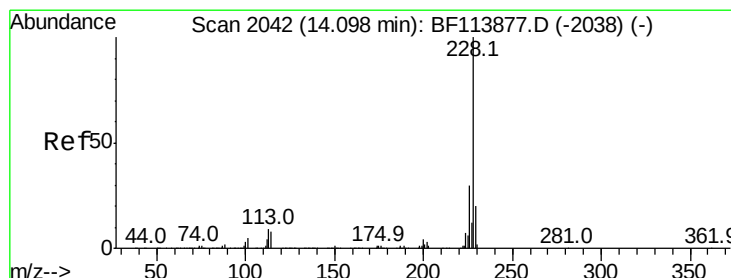
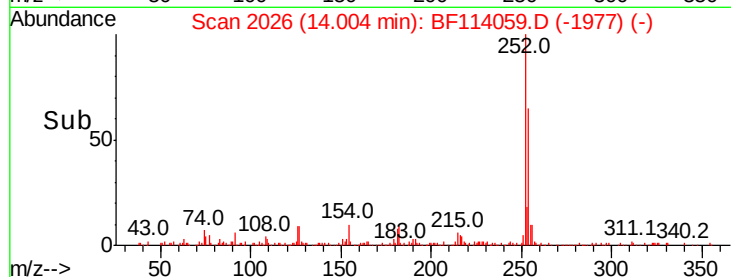
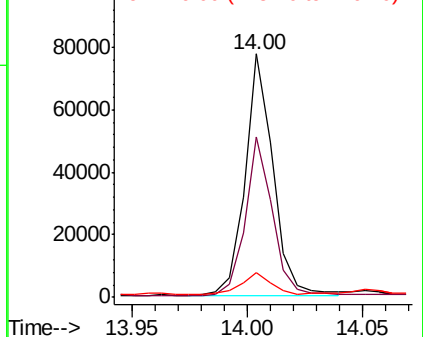
252 100

254 65.7 52.1 78.1

126 10.4 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: 20.990 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

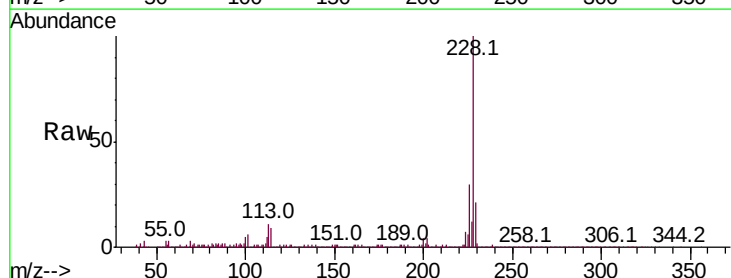
Tgt Ion:228 Resp: 359976

Ion Ratio Lower Upper

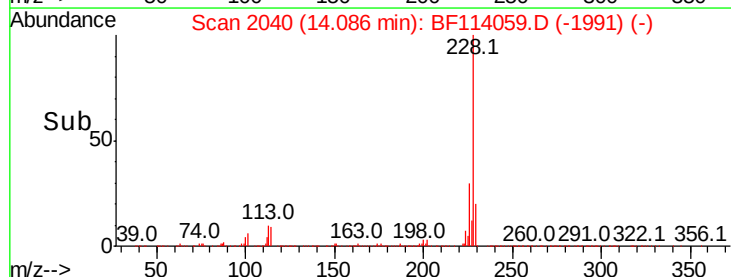
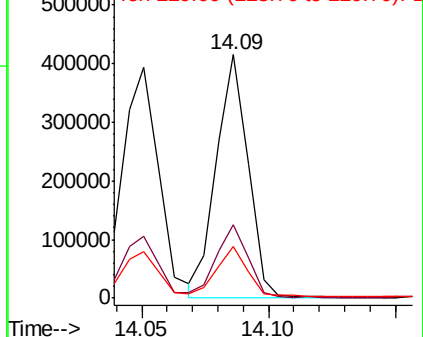
228 100

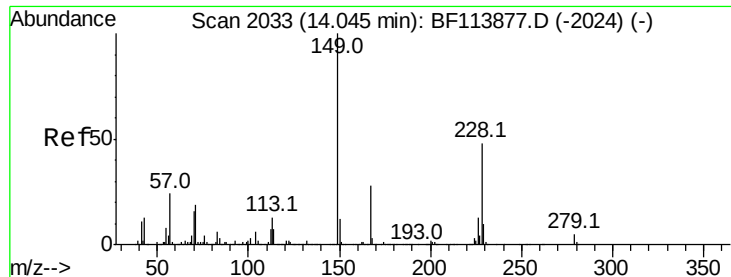
226 30.1 25.2 37.8

229 20.9 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: 21.306 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

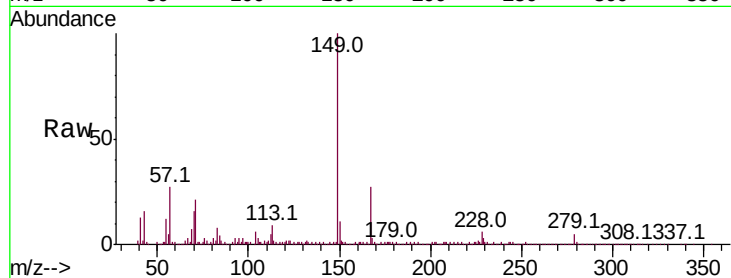
Tot Ion:149 Resp: 222916

Ion Ratio Lower Upper

149 100

167 27.5 22.9 34.3

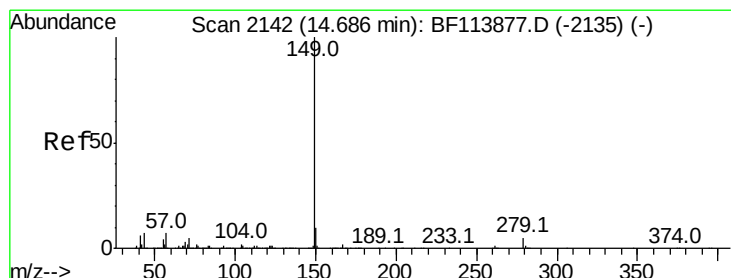
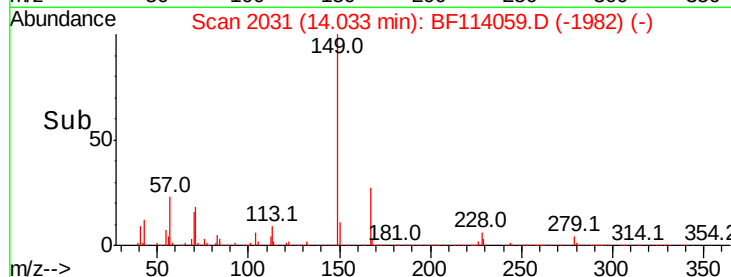
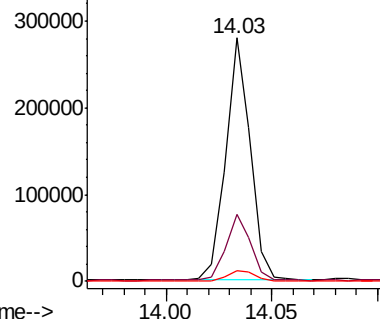
279 4.5 4.2 6.2



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: 20.304 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

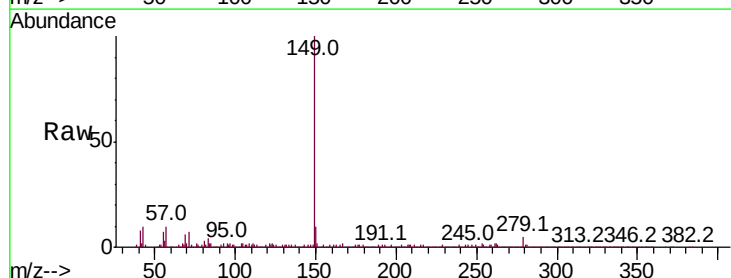
Tgt Ion:149 Resp: 332515

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

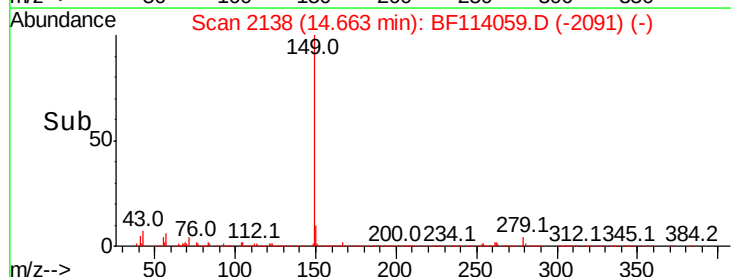
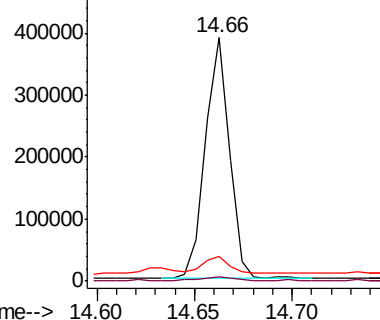
43 7.9 6.6 10.0

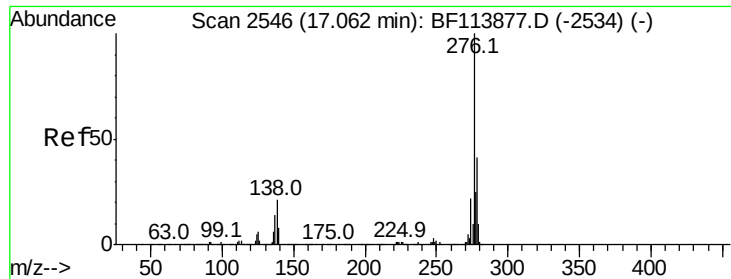


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 21.522 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

JC-03-042919-AMS

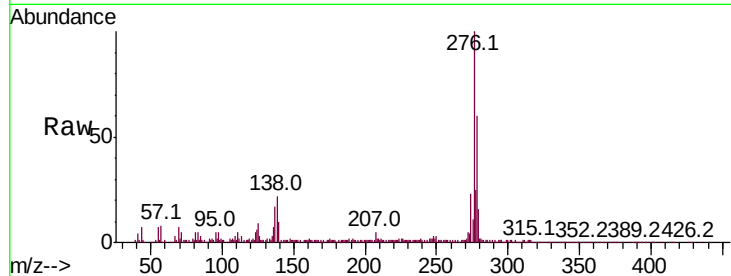
Tot Ion:276 Resp: 349624

Ion Ratio Lower Upper

276 100

138 22.5 19.6 29.4

277 24.8 20.2 30.4

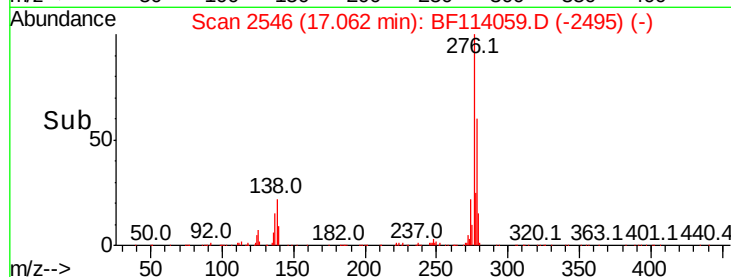


Abundance Ion 276.00 (275.70 to 276.70): E

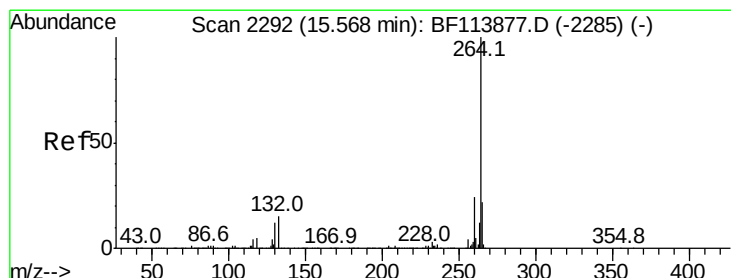
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

17.06



Time--> 16.90 17.00 17.10 17.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

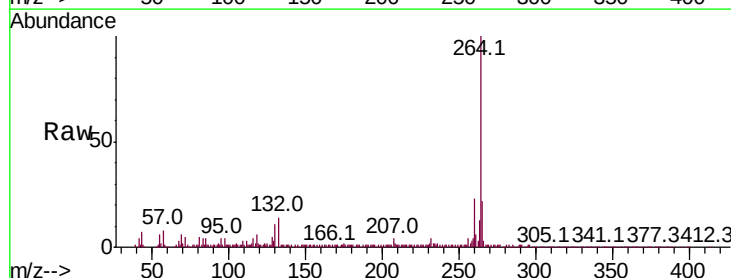
Tgt Ion:264 Resp: 283630

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.9 17.3 25.9

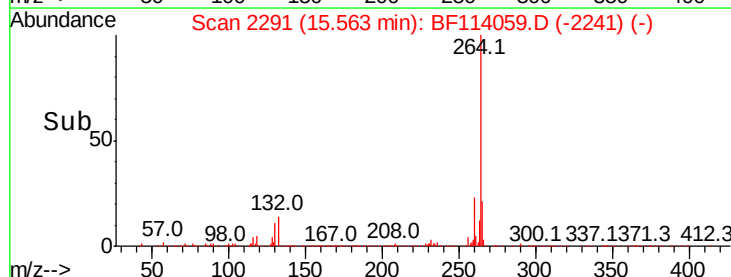


Abundance Ion 264.00 (263.70 to 264.70): E

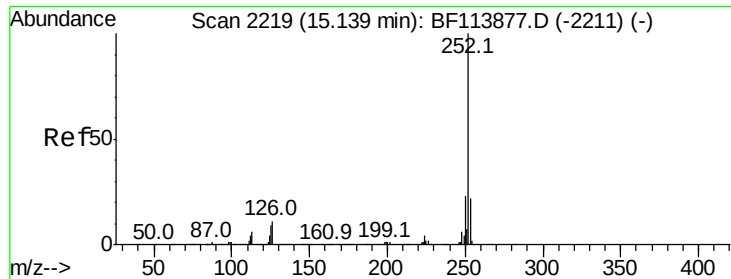
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.56



Time--> 15.50 15.60



#88

Benzo(b)fluoranthene

Concen: 16.529 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.01 min

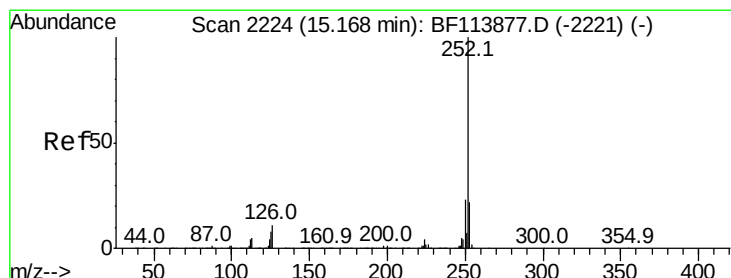
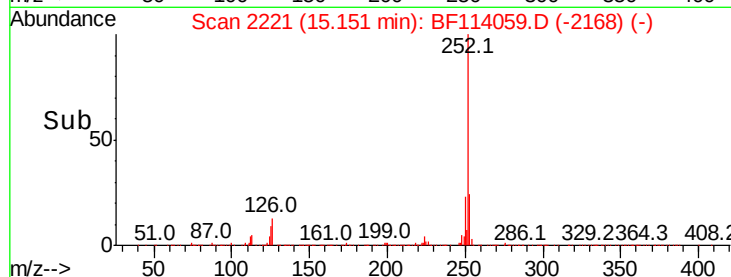
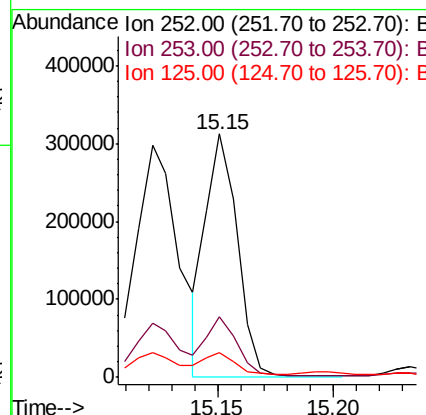
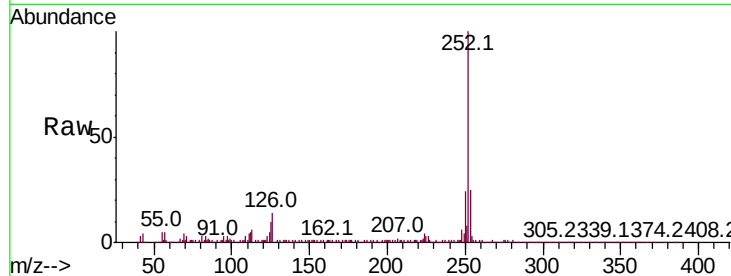
Lab File: BF114059.D

Acq: 1 May 2019 10:50

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

Tot Ion:252 Resp: 296607

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	10.1	7.0	10.6



#89

Benzo(k)fluoranthene

Concen: 19.215 ng

RT: 15.15 min Scan# 2221

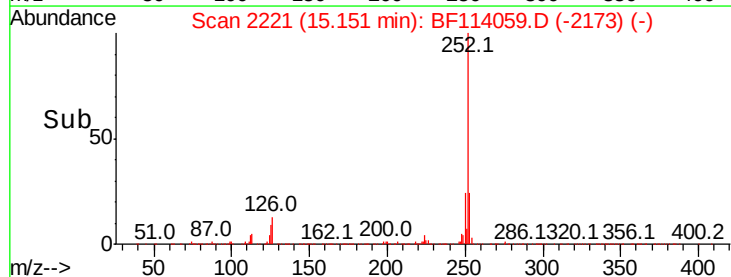
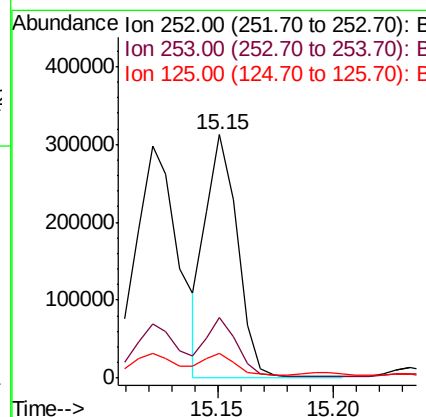
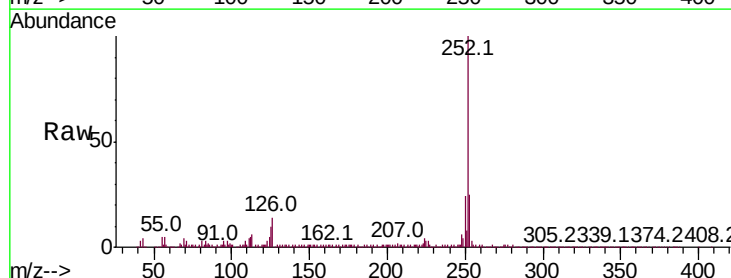
Delta R.T. -0.02 min

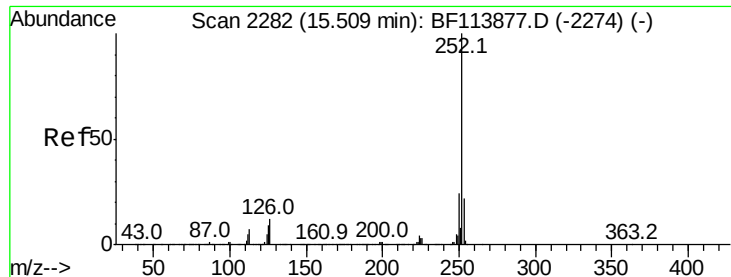
Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:252 Resp: 296607

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	10.1	7.4	11.2

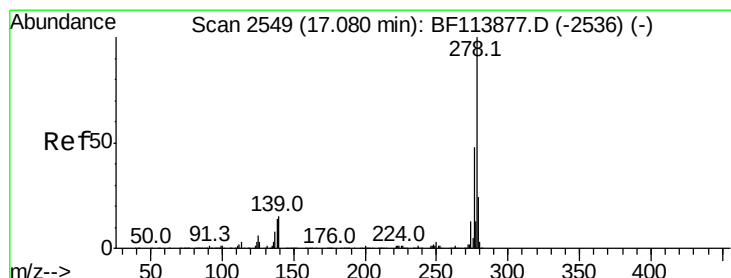
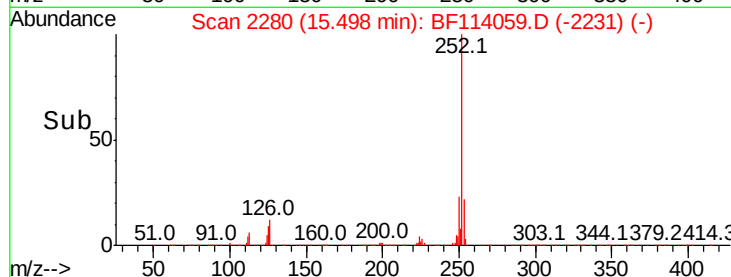
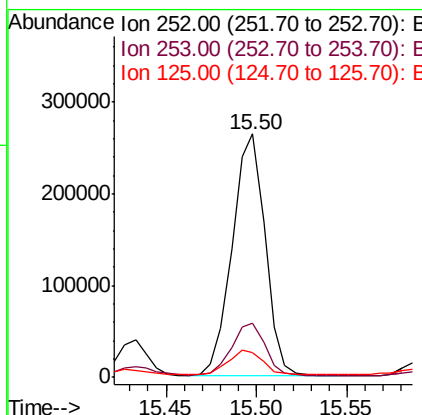
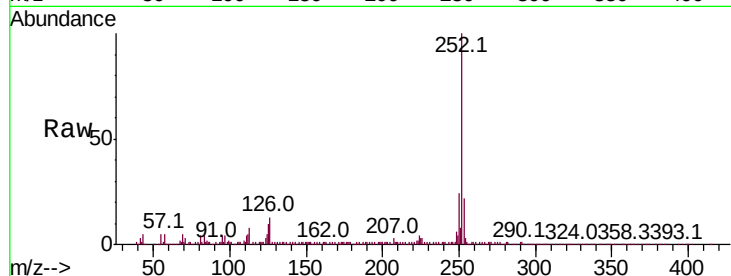




#90
Benzo(a)pyrene
Concen: 21.534 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

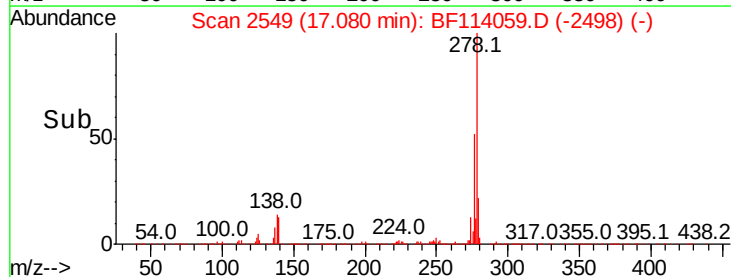
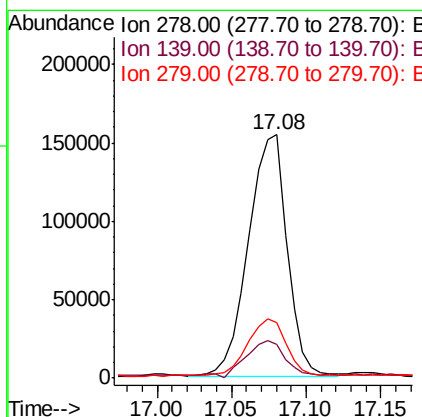
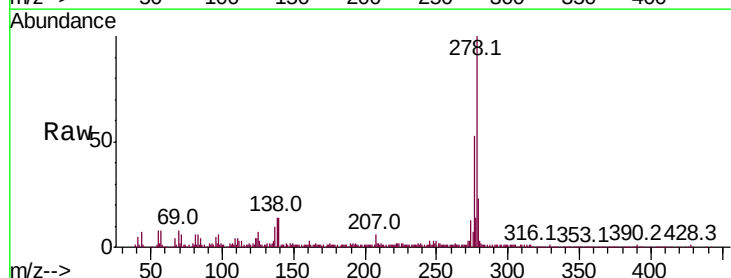
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

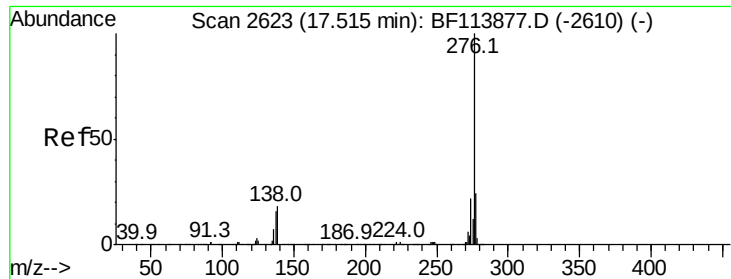
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.4	8.5	12.7



#91
Dibenzo(a,h)anthracene
Concen: 18.824 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.6	17.4
279	23.0	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 21.201 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

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

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.9	19.0	28.4	
138	18.5	16.6	25.0	

