

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114913.D
 Acq On : 8 Jun 2019 1:51
 Operator : HP/JU
 Sample : K3246-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047MSD

Quant Time: Jun 10 08:28:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	346813	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1296227	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	603710	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	986596	20.00	ng	0.00
76) Chrysene-d12	13.79	240	539760	20.00	ng	0.00
87) Perylene-d12	15.16	264	629078	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2642514	133.14	ng	0.02
7) Phenol-d6	6.32	99	3246873	134.44	ng	0.02
23) Nitrobenzene-d5	7.23	82	2059624	97.81	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	765677	117.69	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3202270	99.36	ng	0.00
79) Terphenyl-d14	12.74	244	2411910	86.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	397181	41.913	ng	100
3) Pyridine	3.06	79	1088312	41.789	ng	98
4) n-Nitrosodimethylamine	3.00	42	456639	47.909	ng	96
6) Aniline	6.33	93	791022	23.083	ng	# 1
8) 2-Chlorophenol	6.46	128	1101771	48.044	ng	98
9) Benzaldehyde	6.20	77	318133	18.990	ng	97
10) Phenol	6.33	94	1286695	46.589	ng	88
11) bis(2-Chloroethyl)ether	6.41	93	1018147	47.237	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1195798	44.749	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1206041	44.854	ng	99
14) 1,2-Dichlorobenzene	6.83	146	1111592	45.776	ng	99
15) Benzyl Alcohol	6.82	79	848355	46.451	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1356896	44.017	ng	98
17) 2-Methylphenol	6.93	107	927641	47.324	ng	98
18) Hexachloroethane	7.17	117	425102	42.004	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	715992	44.786	ng	99
20) 3+4-Methylphenols	7.09	107	1049992	48.565	ng	90
22) Acetophenone	7.08	105	1499075	52.529	ng	# 97
24) Nitrobenzene	7.25	77	1123782	51.516	ng	97
25) Isophorone	7.49	82	2065202	49.611	ng	99
26) 2-Nitrophenol	7.56	139	650621	55.068	ng	94
27) 2,4-Dimethylphenol	7.62	122	1011955	56.353	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1297514	48.760	ng	100
29) 2,4-Dichlorophenol	7.81	162	956856	50.646	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	1049887	48.431	ng	99
31) Naphthalene	7.97	128	3001803	51.439	ng	99
32) Benzoic acid	7.72	122	292542	22.367	ng	99
33) 4-Chloroaniline	8.01	127	415166	14.913	ng	99
34) Hexachlorobutadiene	8.09	225	553392	44.901	ng	99
35) Caprolactam	8.40	113	304293m	49.305	ng	
36) 4-Chloro-3-methylphenol	8.51	107	974378	51.829	ng	99
37) 2-Methylnaphthalene	8.66	142	2037284	50.332	ng	100
38) 1-Methylnaphthalene	8.76	142	1933198	50.362	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	904346	51.980	ng	100

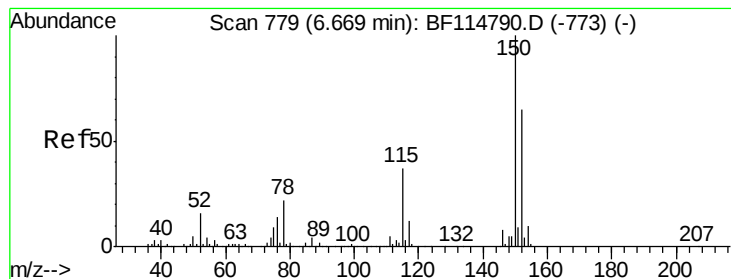
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	508493	48.190	ng	99
43) 2,4,6-Trichlorophenol	8.94	196	684976	50.632	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	690439	50.676	ng	99
46) 1,1'-Biphenyl	9.12	154	2308122	51.585	ng	99
47) 2-Chloronaphthalene	9.15	162	1884500	49.566	ng	96
48) 2-Nitroaniline	9.24	65	564798	49.779	ng	99
49) Acenaphthylene	9.56	152	2782883	50.474	ng	99
50) Dimethylphthalate	9.43	163	2657902	60.280	ng	99
51) 2,6-Dinitrotoluene	9.48	165	539111	51.989	ng	90
52) Acenaphthene	9.73	154	1651561	45.727	ng	99
53) 3-Nitroaniline	9.65	138	343834	28.384	ng	97
54) 2,4-Dinitrophenol	9.75	184	228332	48.660	ng	99
55) Dibenzofuran	9.90	168	2389921	47.586	ng	100
56) 4-Nitrophenol	9.82	139	819477	92.321	ng	98
57) 2,4-Dinitrotoluene	9.89	165	659372	50.582	ng	95
58) Fluorene	10.24	166	1682128	54.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	549041	49.187	ng	100
60) Diethylphthalate	10.12	149	2152090	48.641	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	838164	43.573	ng	99
62) 4-Nitroaniline	10.26	138	497474	42.341	ng	99
63) Azobenzene	10.39	77	1832700	48.662	ng	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	205592	40.116	ng	92
66) n-Nitrosodiphenylamine	10.35	169	1700402	56.998	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	567253	50.624	ng	98
68) Hexachlorobenzene	10.79	284	576429	47.004	ng	99
69) Atrazine	10.88	200	523161	50.423	ng	97
70) Pentachlorophenol	10.98	266	609079	85.915	ng	99
71) Phenanthrene	11.19	178	2380190	50.536	ng	98
72) Anthracene	11.24	178	2449871	49.425	ng	98
73) Carbazole	11.39	167	2168059	51.024	ng	98
74) Di-n-butylphthalate	11.73	149	2675435	47.872	ng	99
75) Fluoranthene	12.37	202	2146655	43.790	ng	98
77) Benzidine	12.49	184	1037400	38.824	ng	97
78) Pyrene	12.59	202	2161364	46.159	ng	97
80) Butylbenzylphthalate	13.22	149	1030132	43.566	ng	95
81) Benzo(a)anthracene	13.77	228	1920914	46.183	ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	648661	38.460	ng	99
83) Chrysene	13.81	228	1895374	46.843	ng	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1265285	42.318	ng	99
85) Di-n-octyl phthalate	14.39	149	2278015	44.839	ng	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1656065	35.871	ng	99
88) Benzo(b)fluoranthene	14.78	252	2011036	50.216	ng	98
89) Benzo(k)fluoranthene	14.80	252	1703586	50.091	ng	99
90) Benzo(a)pyrene	15.10	252	1747635	50.418	ng	99
91) Dibenzo(a,h)anthracene	16.48	278	1387399	42.265	ng	98
92) Benzo(g,h,i)perylene	16.86	276	1335445	40.455	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

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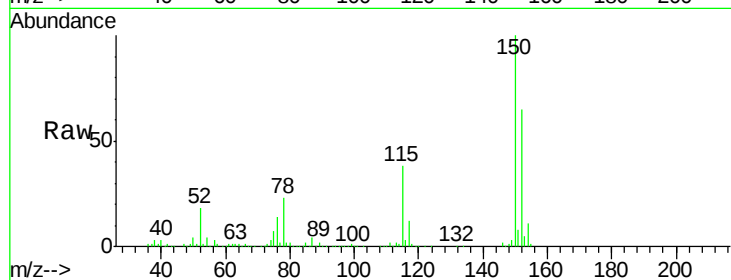
Tot Ion:152 Resp: 346813

Ion Ratio Lower Upper

152 100

150 154.7 124.0 186.0

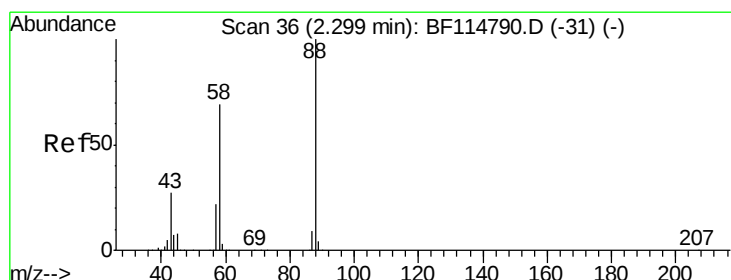
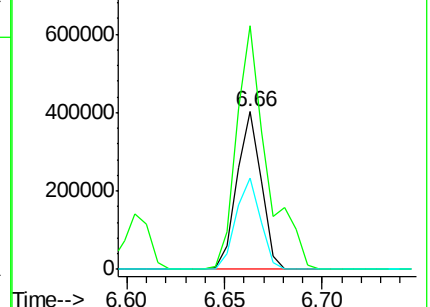
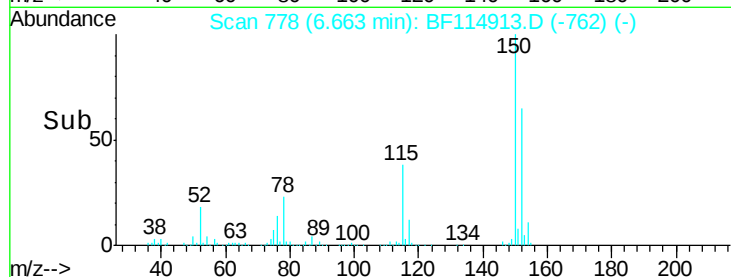
115 58.3 46.3 69.5



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: 41.913 ng

RT: 2.37 min Scan# 48

Delta R.T. 0.07 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

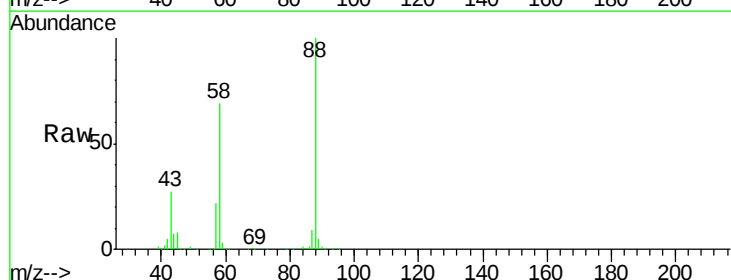
Tgt Ion: 88 Resp: 397181

Ion Ratio Lower Upper

88 100

58 67.5 53.8 80.8

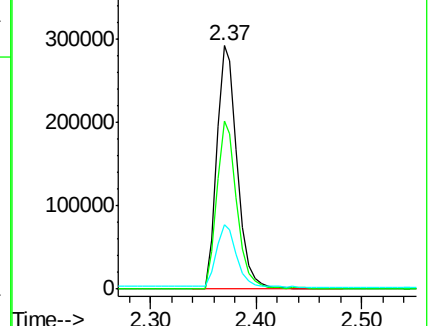
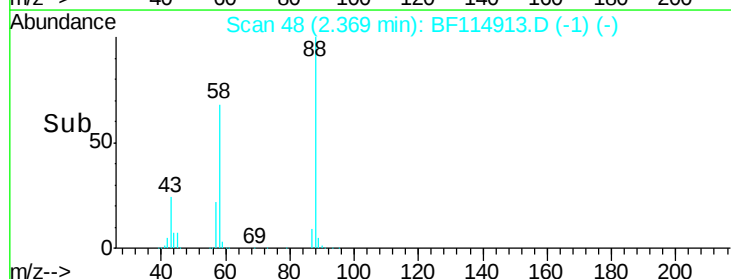
43 26.1 20.7 31.1

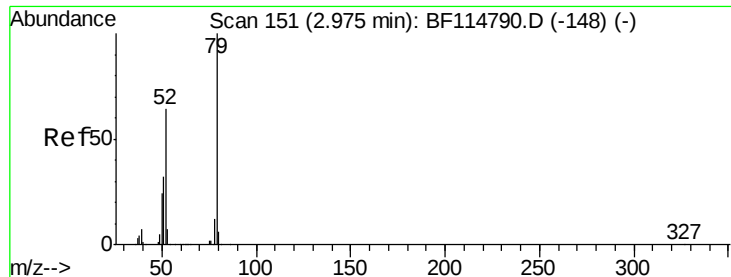


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.789 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.08 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

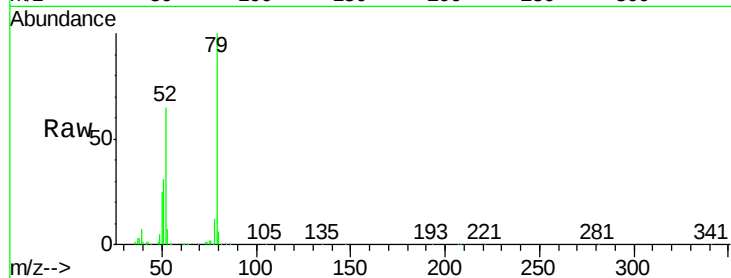
Tot Ion: 79 Resp: 1088312

Ion Ratio Lower Upper

79 100

52 65.2 51.0 76.4

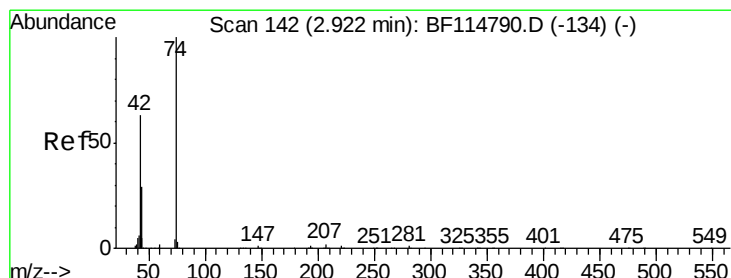
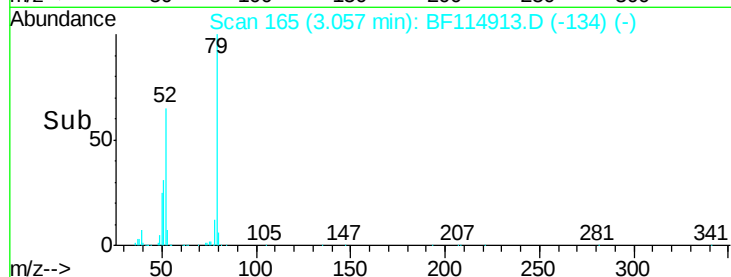
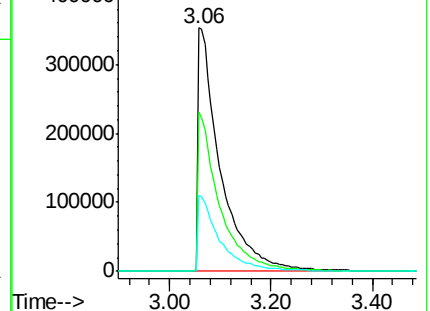
51 31.2 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.909 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.08 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

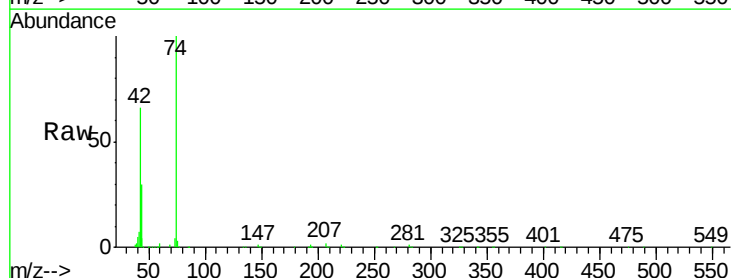
Tgt Ion: 42 Resp: 456639

Ion Ratio Lower Upper

42 100

74 151.9 126.2 189.2

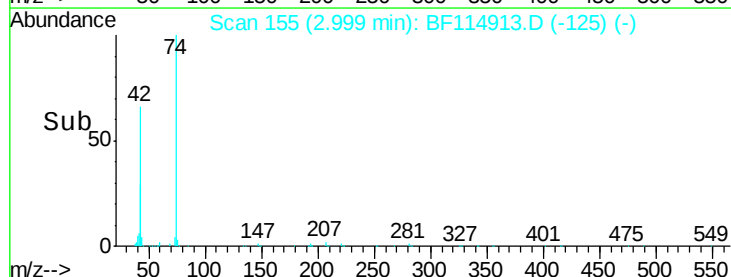
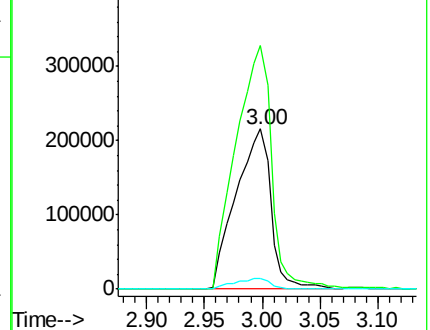
44 6.8 5.9 8.9

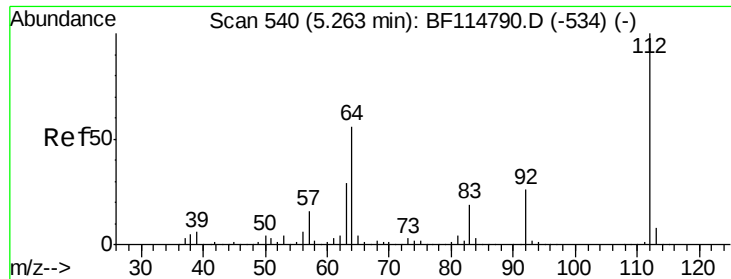


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 133.138 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

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FK-PS-01-047MSD

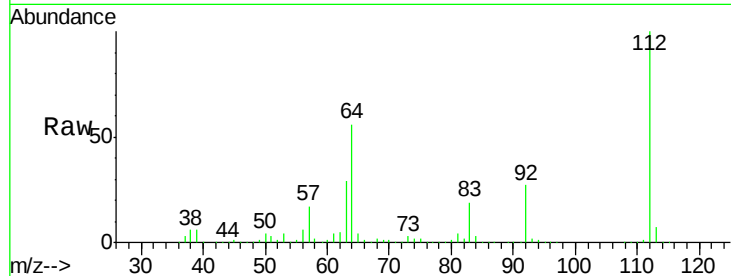
Tot Ion:112 Resp: 2642514

Ion Ratio Lower Upper

112 100

64 56.3 44.6 66.8

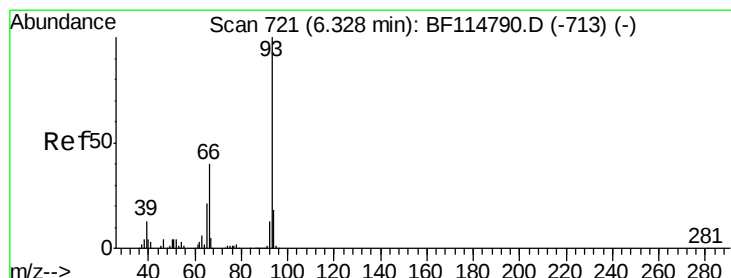
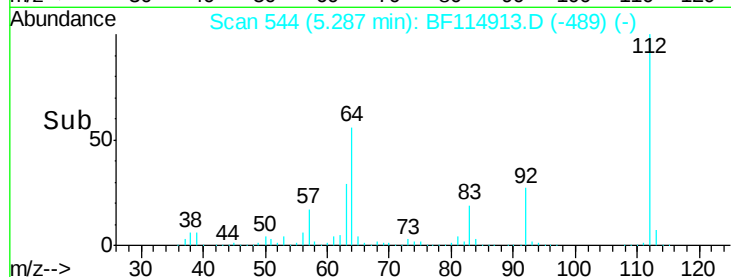
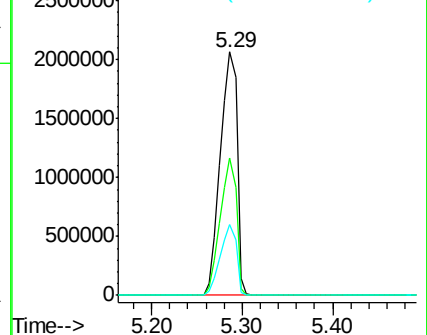
63 29.3 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.083 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

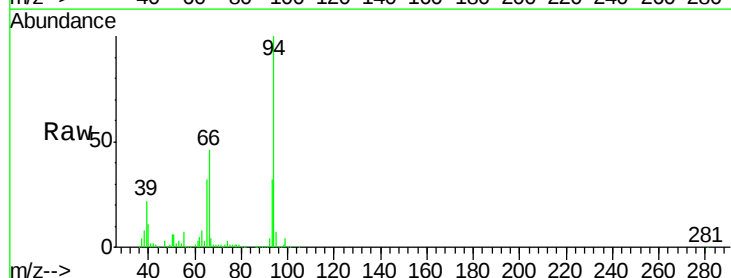
Tgt Ion: 93 Resp: 791022

Ion Ratio Lower Upper

93 100

66 144.2 32.8 49.2#

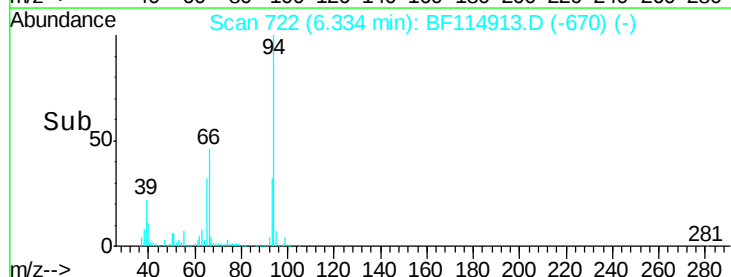
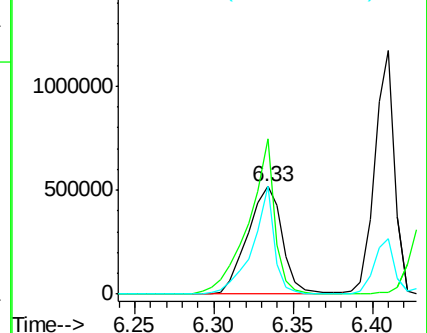
65 100.2 16.9 25.3#

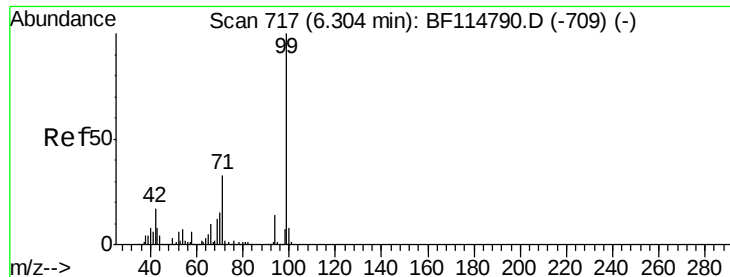


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.441 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF114913.D

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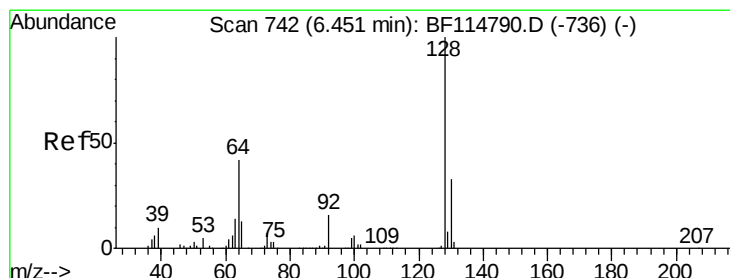
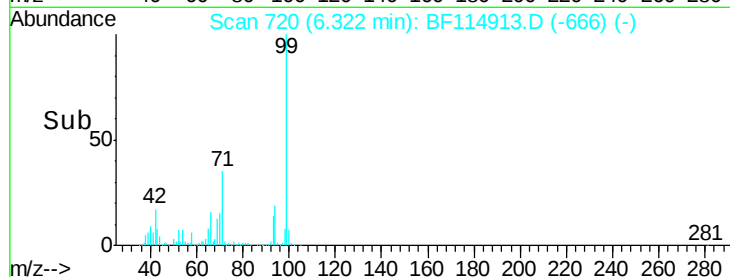
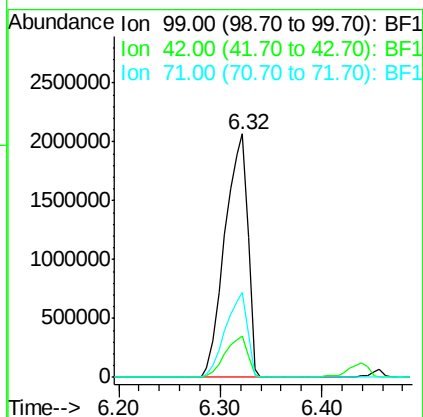
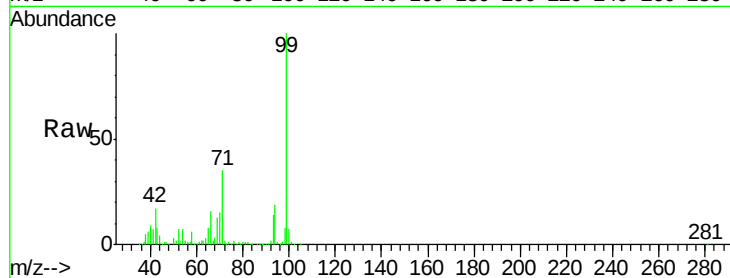
Tot Ion: 99 Resp: 3246873

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

71 34.8 26.3 39.5



#8

2-Chlorophenol

Concen: 48.044 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

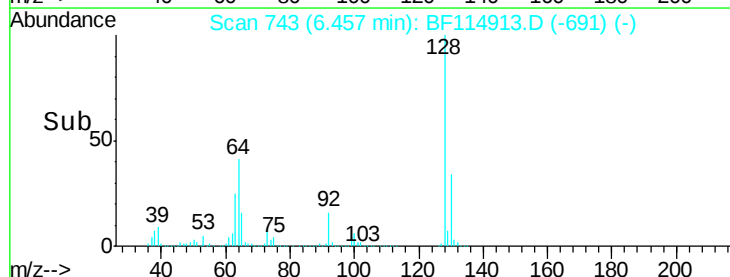
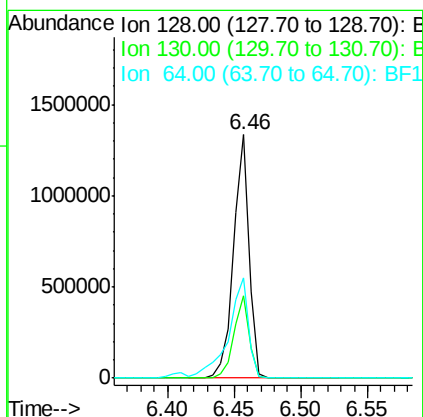
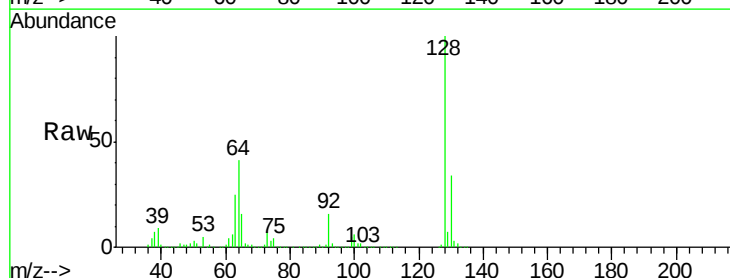
Tgt Ion: 128 Resp: 1101771

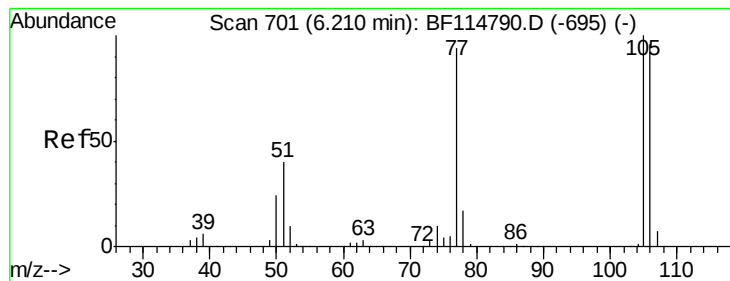
Ion Ratio Lower Upper

128 100

130 33.9 12.7 52.7

64 41.0 22.5 62.5





#9

Benzaldehyde

Concen: 18.990 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

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ClientSampleId :

FK-PS-01-047MSD

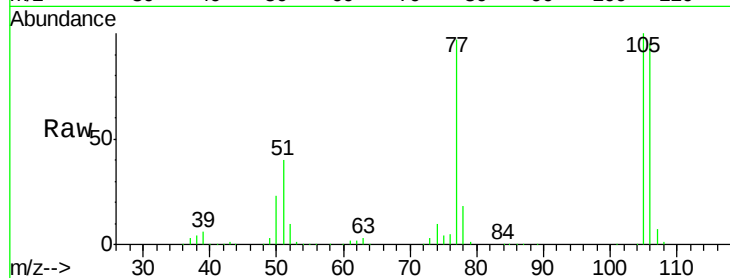
Tot Ion: 77 Resp: 318133

Ion Ratio Lower Upper

77 100

105 103.0 85.8 125.8

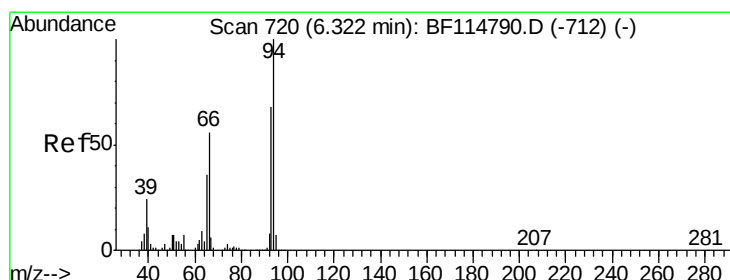
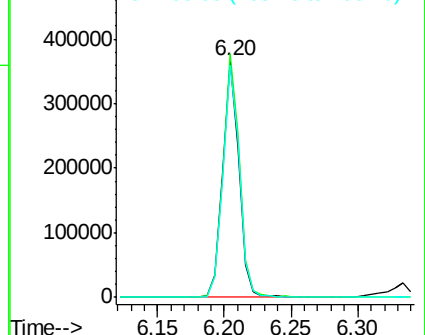
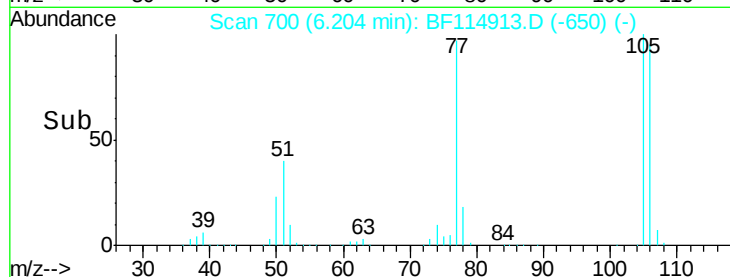
106 98.1 81.6 121.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.589 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

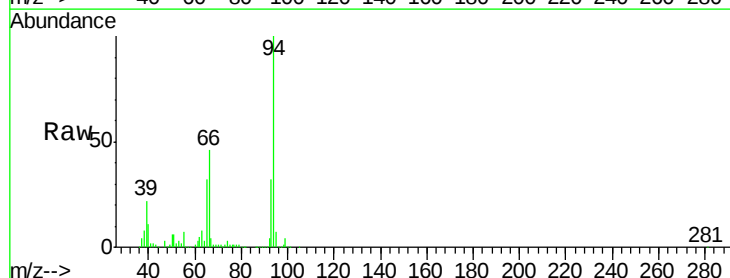
Tgt Ion: 94 Resp: 1286695

Ion Ratio Lower Upper

94 100

65 31.7 16.1 56.1

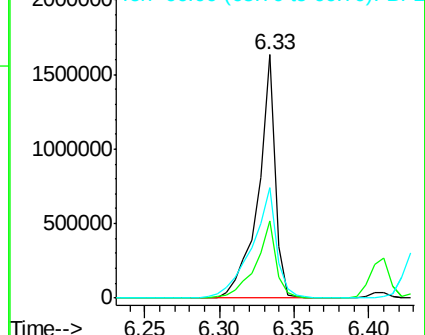
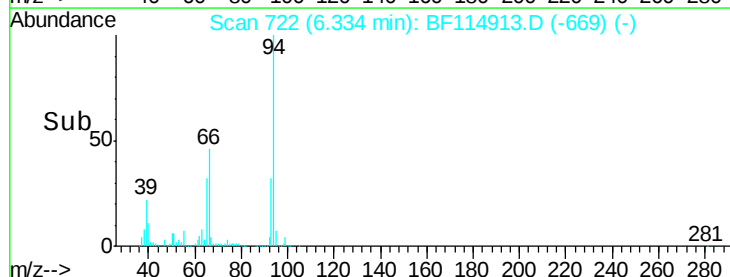
66 45.6 36.3 76.3

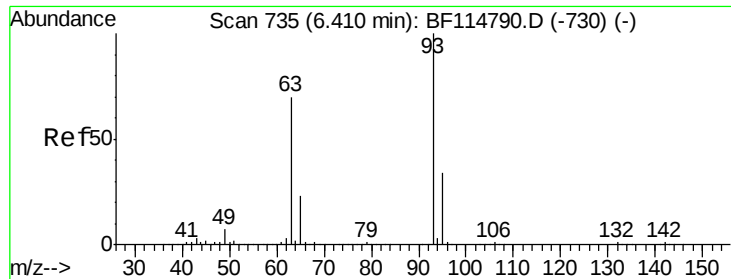


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.237 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

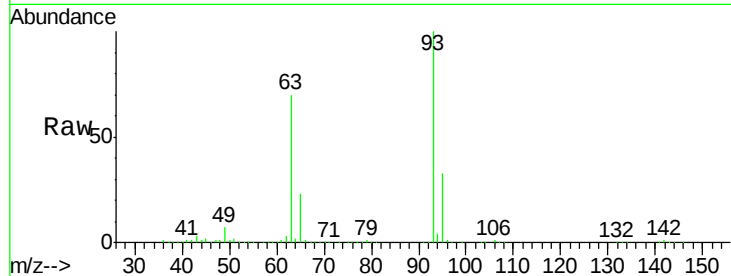
Tot Ion: 93 Resp: 1018147

Ion	Ratio	Lower	Upper
93	100		
63	70.4	49.6	89.6
95	33.2	13.6	53.6

93 100

63 70.4 49.6 89.6

95 33.2 13.6 53.6

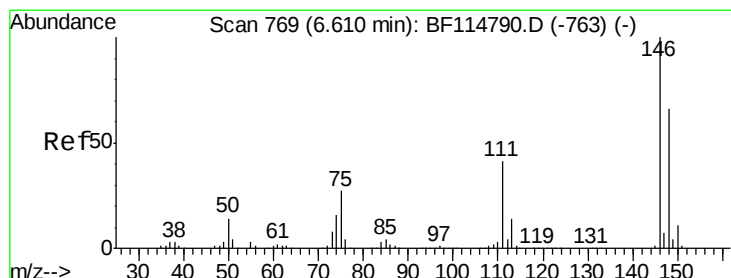
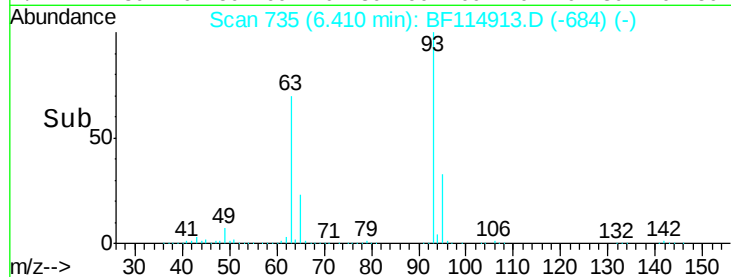
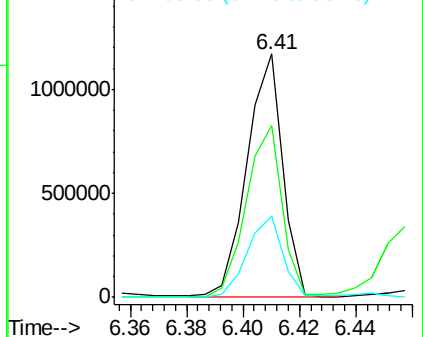


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.749 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

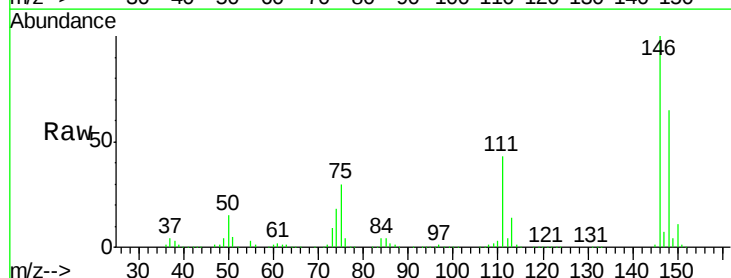
Tgt Ion: 146 Resp: 1195798

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.7	79.1
75	29.6	22.0	33.0

146 100

148 65.1 52.7 79.1

75 29.6 22.0 33.0

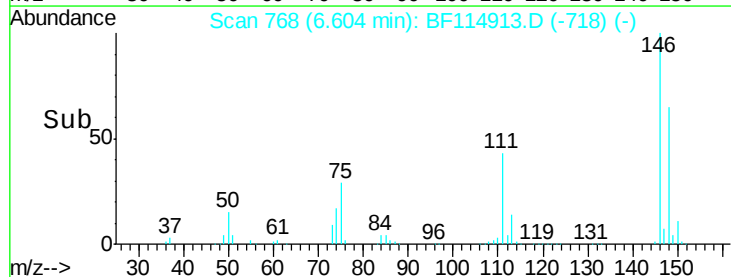
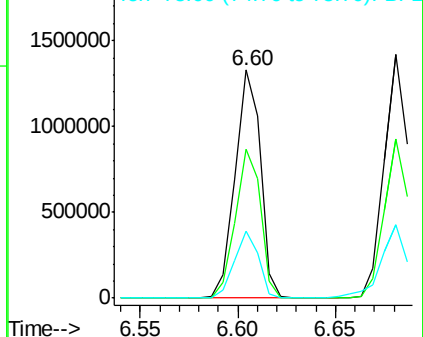


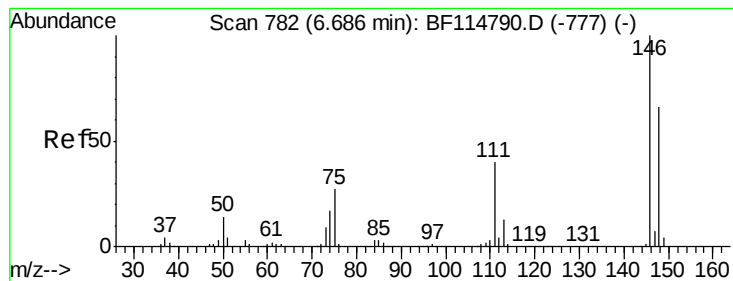
Abundance

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: 44.854 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

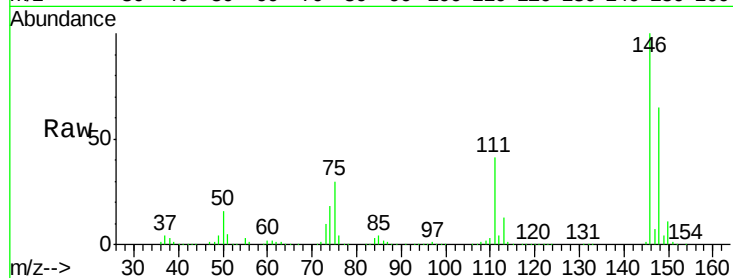
Tot Ion:146 Resp: 1206041

Ion Ratio Lower Upper

146 100

148 65.2 53.0 79.4

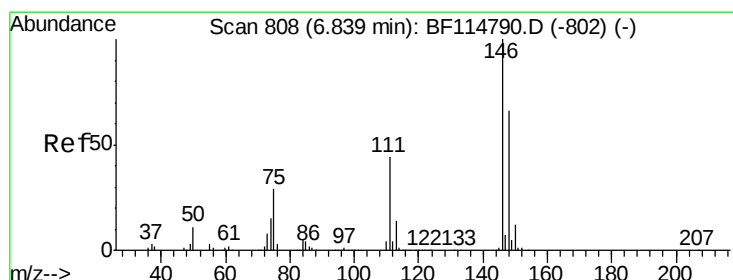
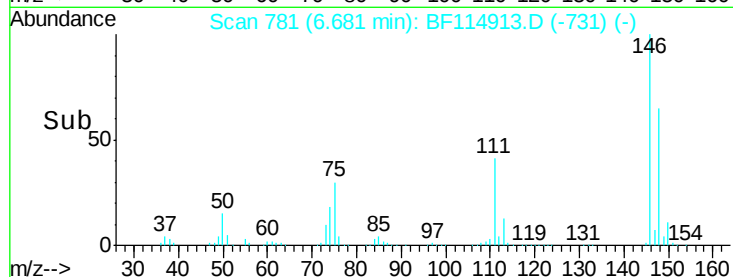
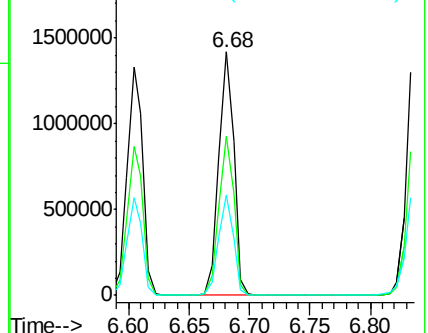
111 41.4 32.2 48.4



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



#14

1,2-Dichlorobenzene

Concen: 45.776 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

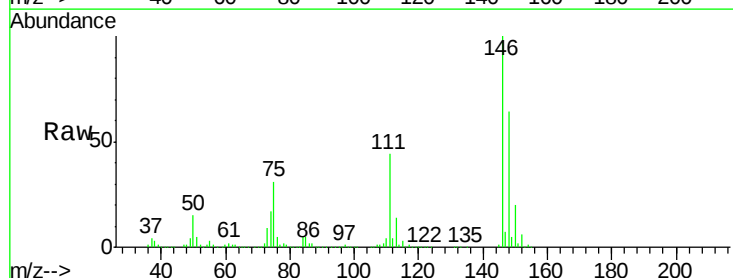
Tgt Ion:146 Resp: 1111592

Ion Ratio Lower Upper

146 100

148 64.4 52.5 78.7

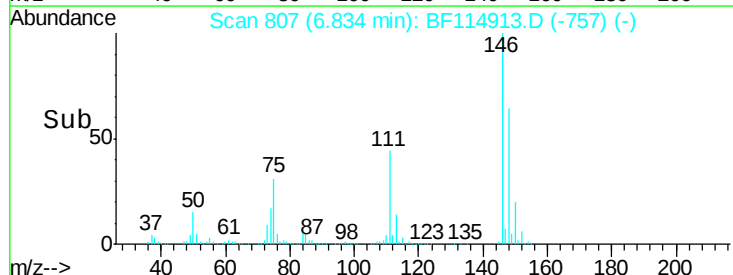
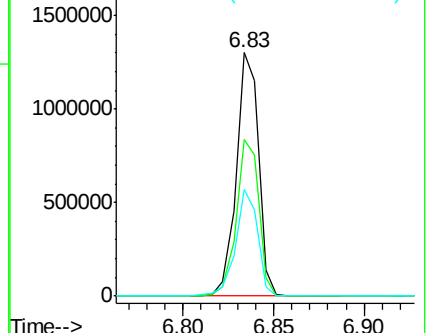
111 43.9 34.8 52.2

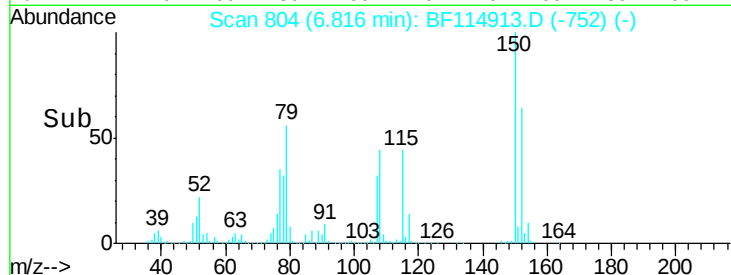
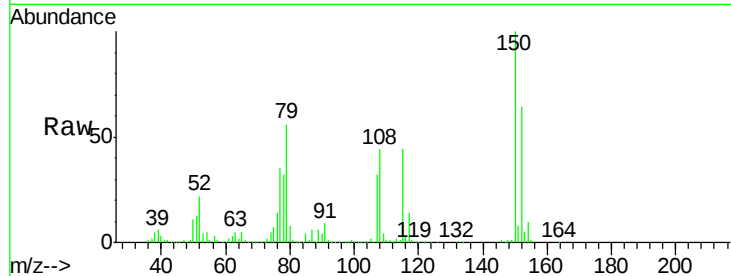
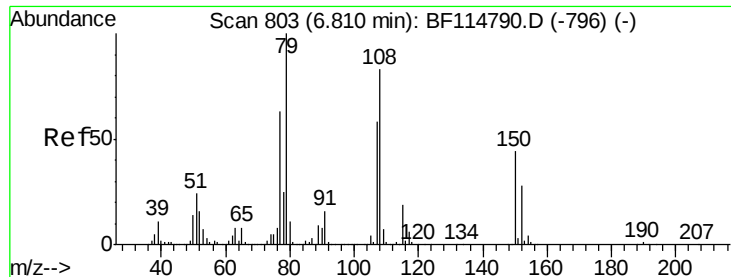


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.451 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

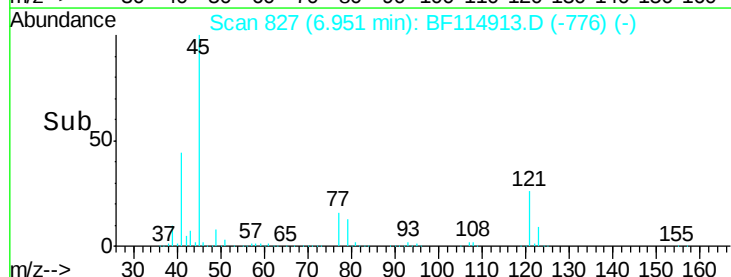
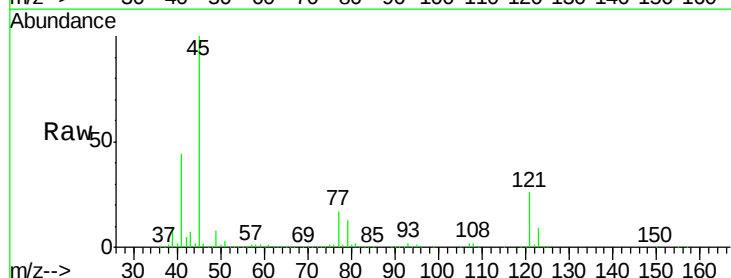
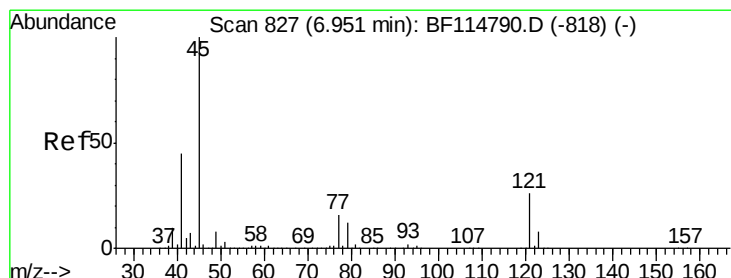
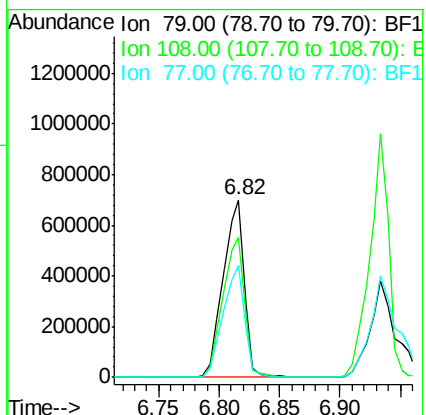
Tot Ion: 79 Resp: 848355

Ion Ratio Lower Upper

79 100

108 79.1 66.8 100.2

77 62.8 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.017 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

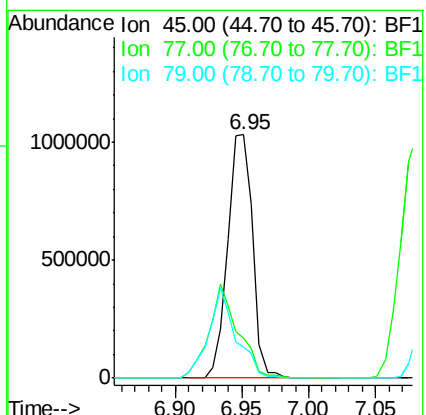
Tgt Ion: 45 Resp: 1356896

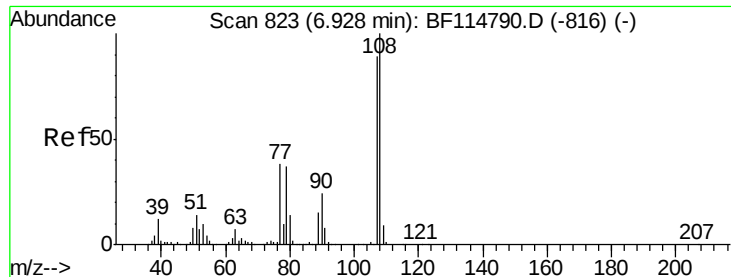
Ion Ratio Lower Upper

45 100

77 16.7 0.0 35.8

79 13.0 0.0 32.0

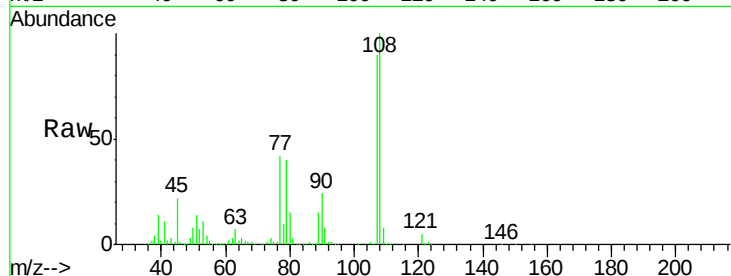




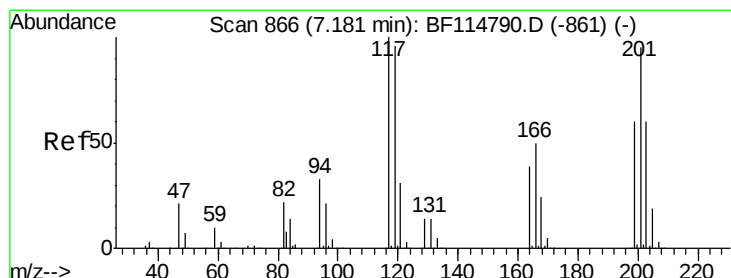
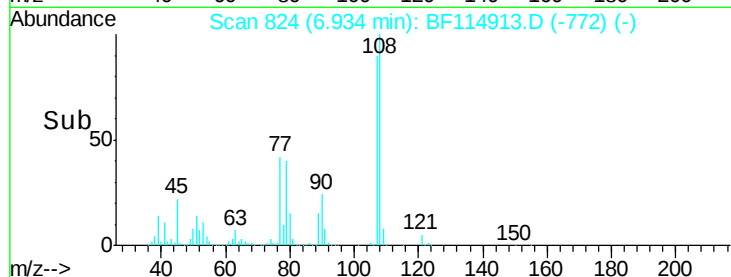
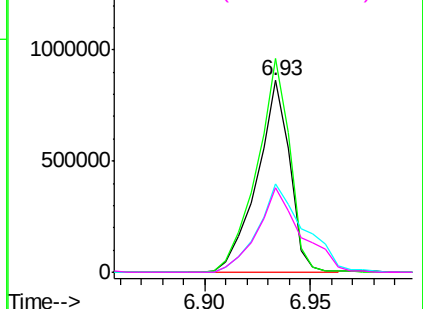
#17
2-Methylphenol
Concen: 47.324 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.2	135.2
77	46.4	34.5	51.7
79	44.1	33.8	50.6

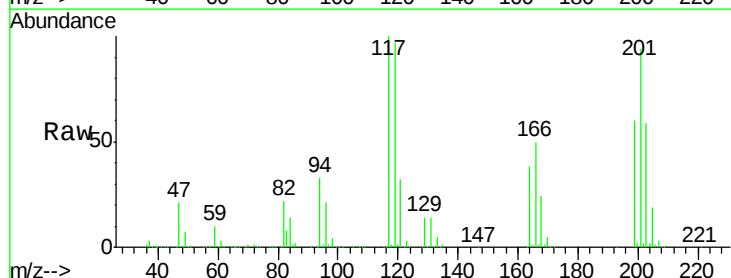


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

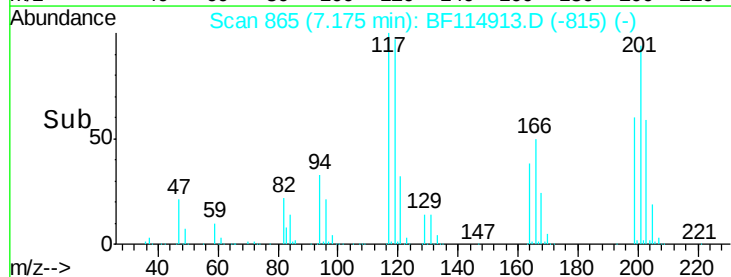
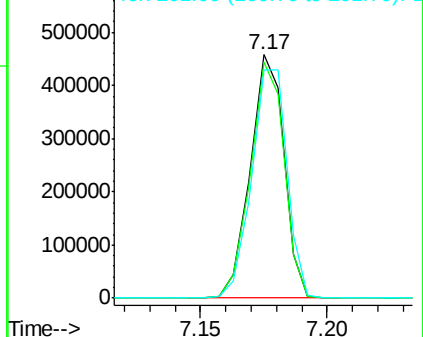


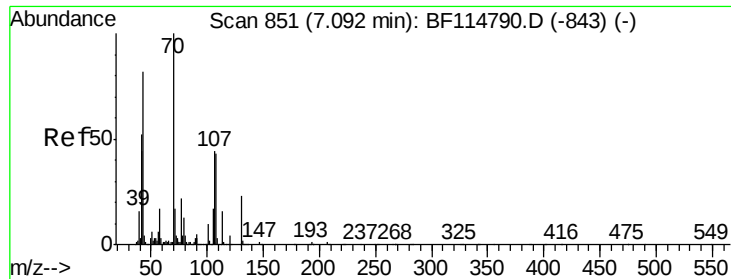
#18
Hexachloroethane
Concen: 42.004 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.4
201	93.7	76.0	114.0



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

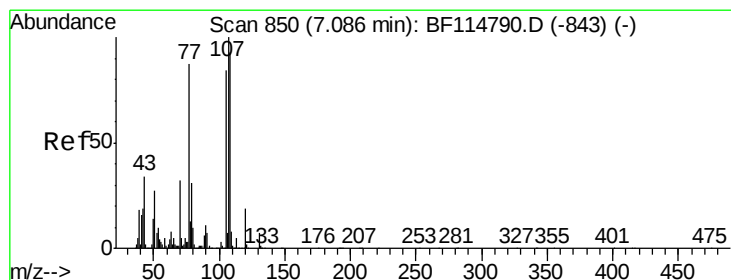
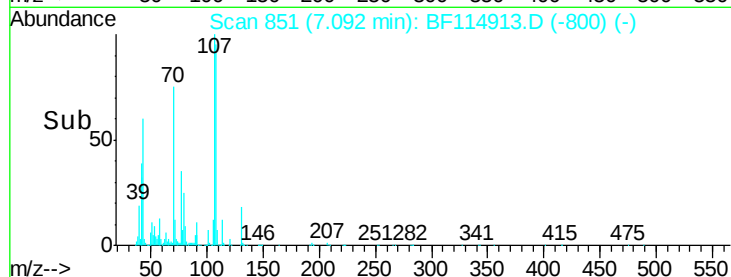
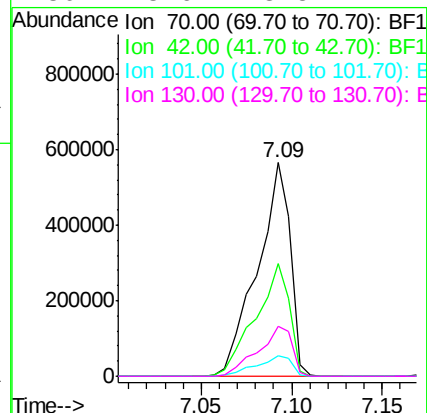
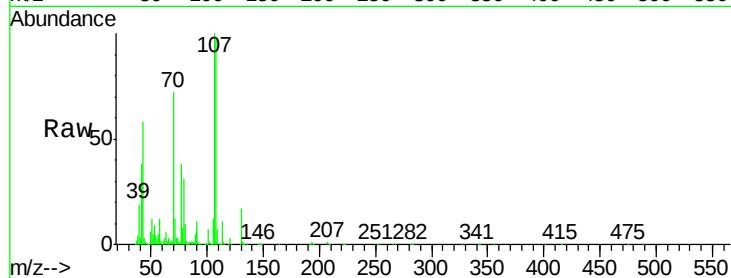




#19
n-Nitroso-di-n-propylamine
Concen: 44.786 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

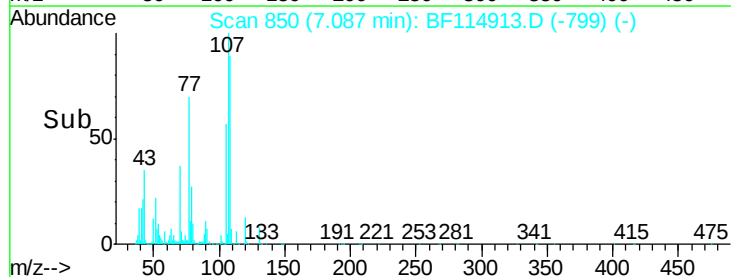
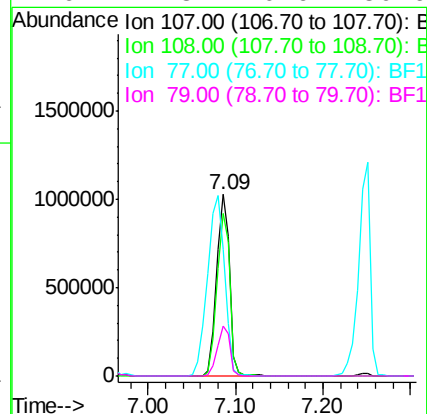
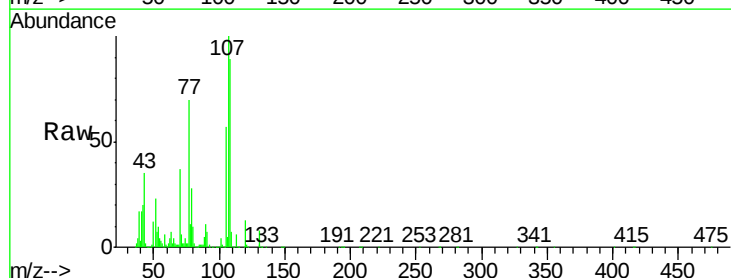
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

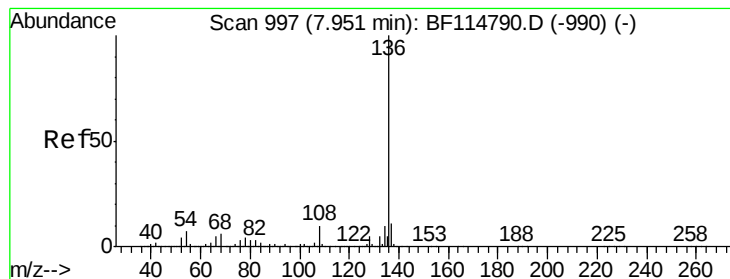
Tot Ion:	70	Resp:	715992
Ion	Ratio	Lower	Upper
70	100		
42	52.8	41.8	62.8
101	9.8	8.2	12.4
130	23.6	18.5	27.7



#20
3+4-Methylphenols
Concen: 48.565 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:	107	Resp:	1049992
Ion	Ratio	Lower	Upper
107	100		
108	89.4	73.5	113.5
77	70.0	67.2	107.2
79	27.8	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

Tot Ion:136 Resp: 1296227

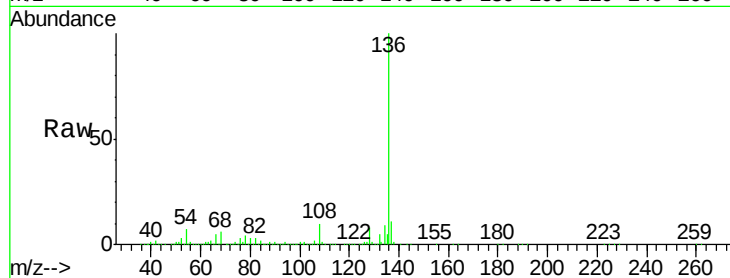
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	5.4	8.0
68	5.8	4.6	6.8

136 100

137 11.2 9.1 13.7

54 6.6 5.4 8.0

68 5.8 4.6 6.8

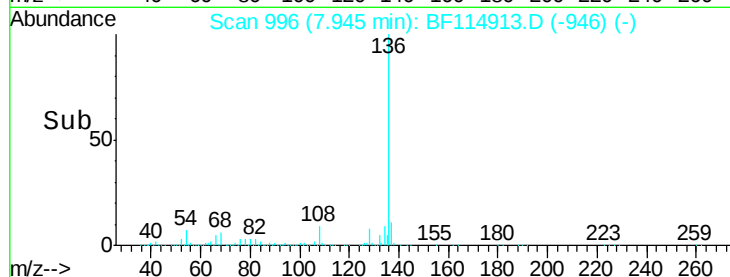


Abundance Ion 136.00 (135.70 to 136.70): E

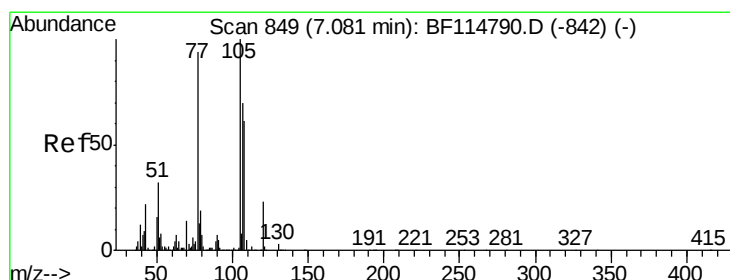
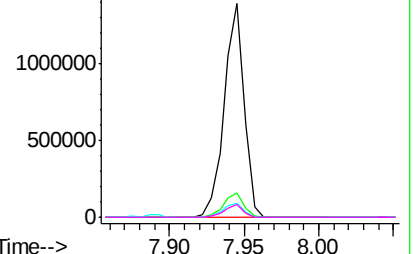
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 52.529 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Tgt Ion:105 Resp: 1499075

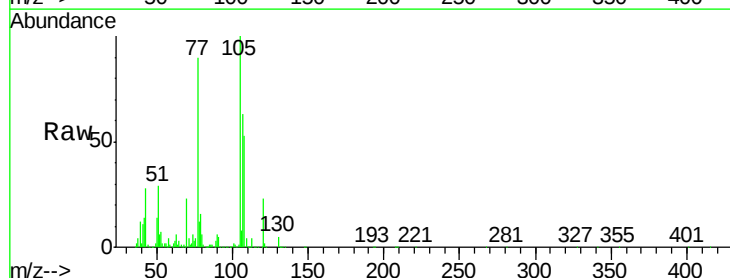
Ion	Ratio	Lower	Upper
105	100		
71	3.9	2.0	3.0#
51	29.1	25.4	38.0
120	23.4	18.7	28.1

105 100

71 3.9 2.0 3.0#

51 29.1 25.4 38.0

120 23.4 18.7 28.1

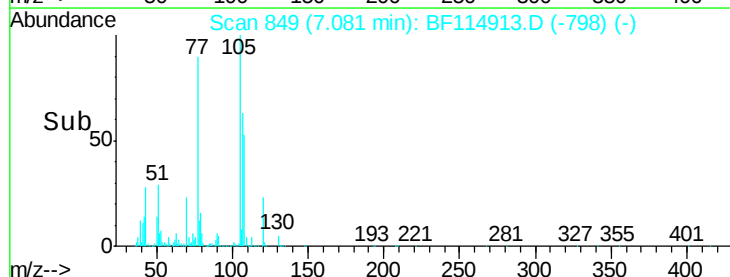


Abundance Ion 105.00 (104.70 to 105.70): E

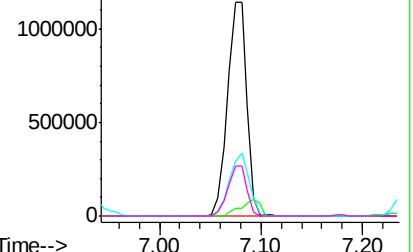
Ion 71.00 (70.70 to 71.70): BF1

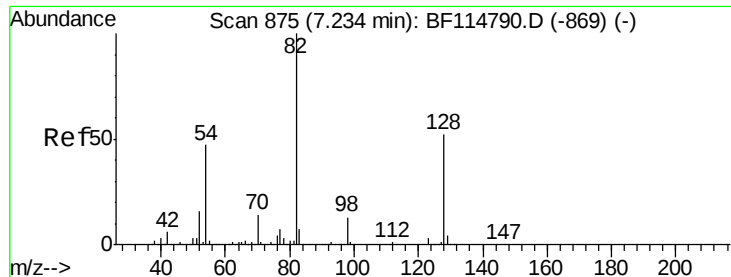
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



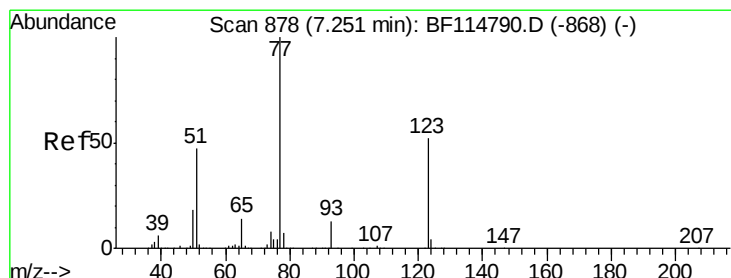
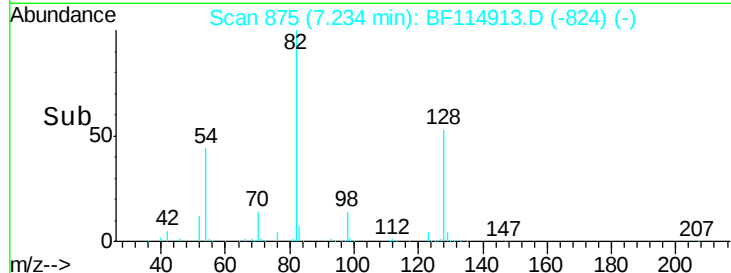
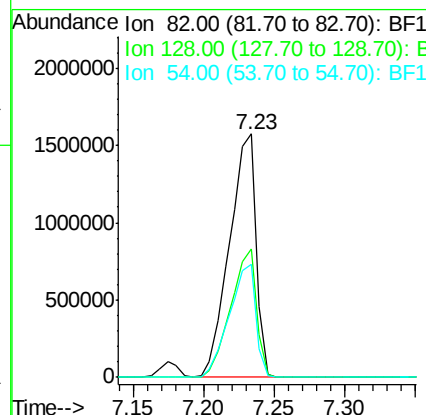
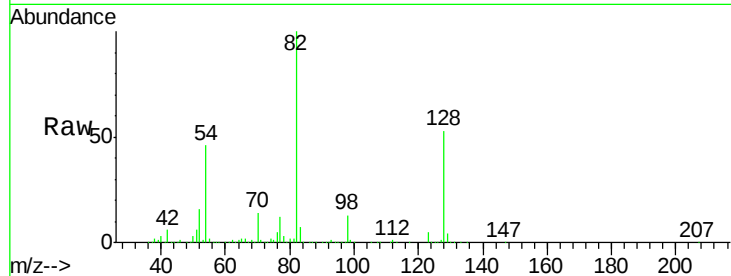


#23
 Nitrobenzene-d5
 Concen: 97.813 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047MSD

Tot Ion: 82 Resp: 2059624

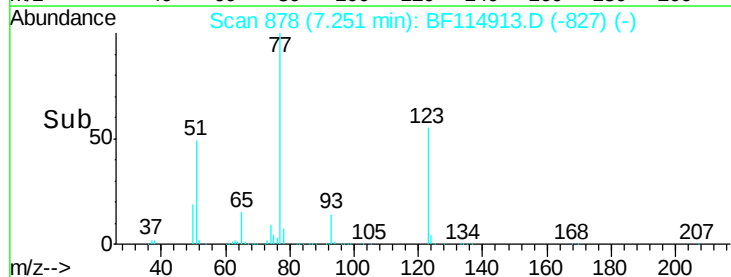
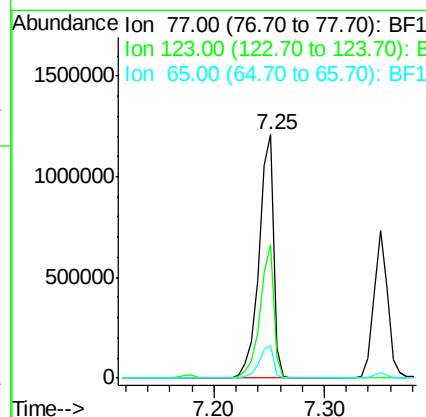
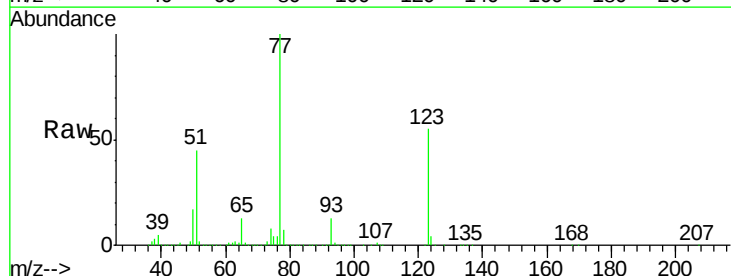
Ion	Ratio	Lower	Upper
82	100		
128	52.9	41.8	62.6
54	46.2	37.9	56.9

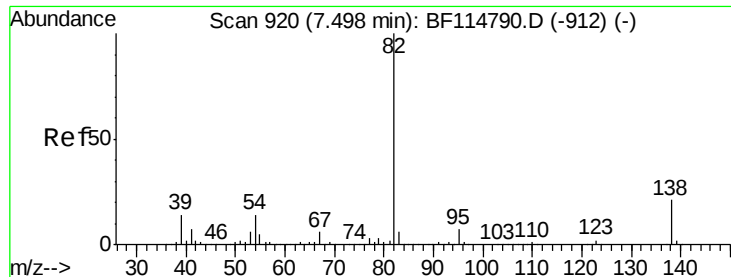


#24
 Nitrobenzene
 Concen: 51.516 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Tgt Ion: 77 Resp: 1123782

Ion	Ratio	Lower	Upper
77	100		
123	54.8	41.5	62.3
65	13.1	10.8	16.2





#25

Isophorone

Concen: 49.611 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

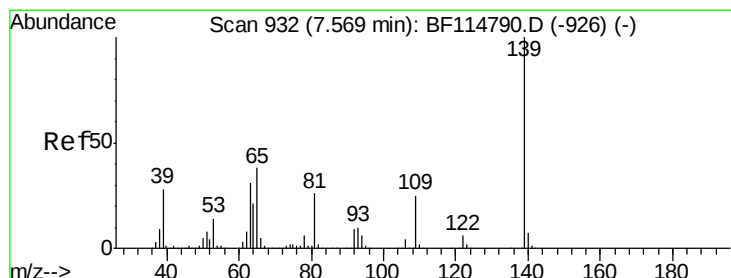
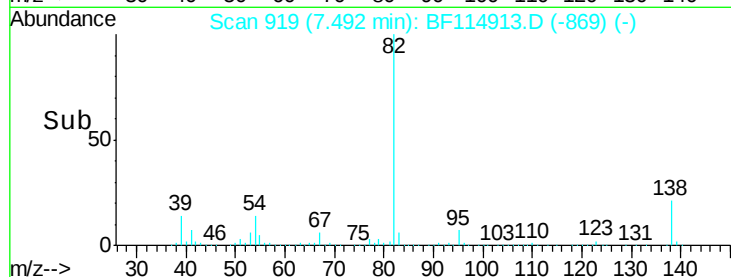
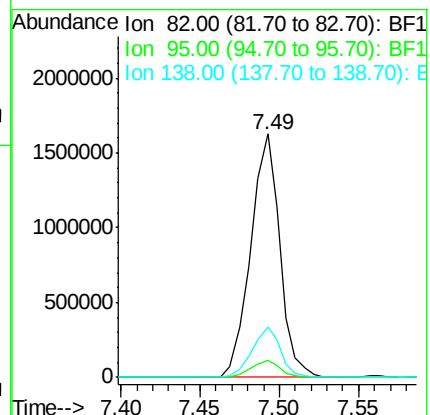
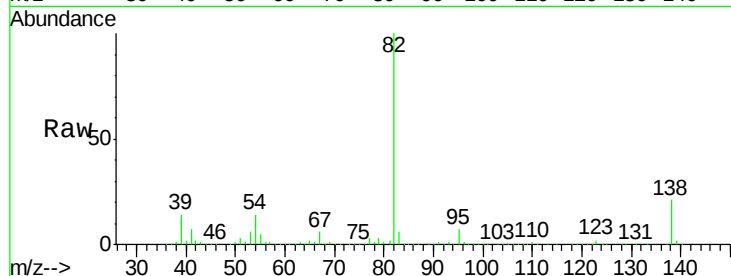
Tot Ion: 82 Resp: 2065202

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.8

138 20.6 16.9 25.3



#26

2-Nitrophenol

Concen: 55.068 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

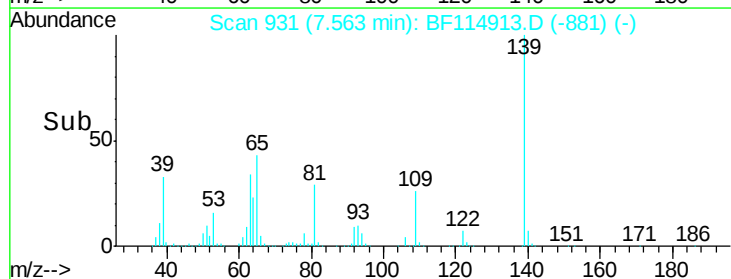
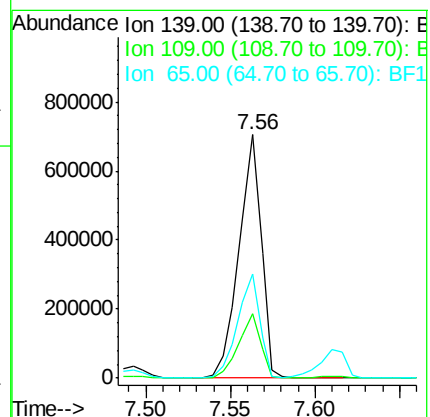
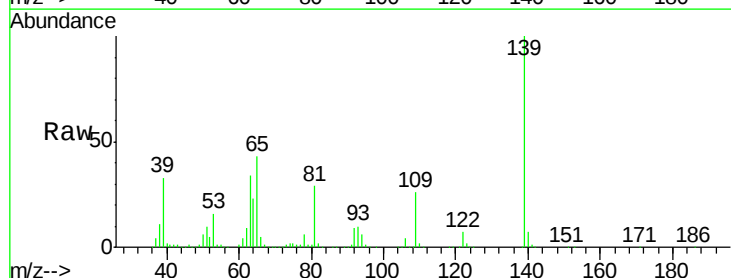
Tgt Ion: 139 Resp: 650621

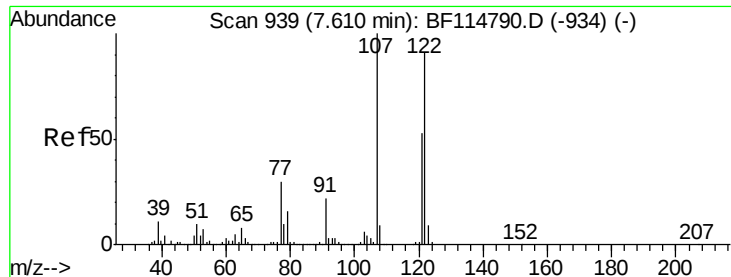
Ion Ratio Lower Upper

139 100

109 26.3 20.4 30.6

65 43.0 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 56.353 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

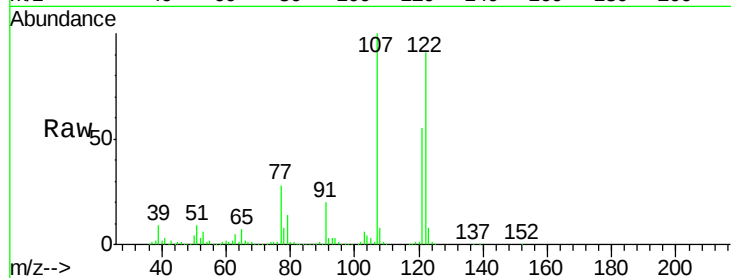
Tot Ion:122 Resp: 1011955

Ion Ratio Lower Upper

122 100

107 110.0 87.9 131.9

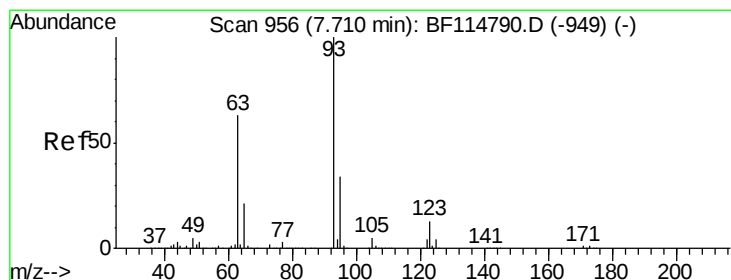
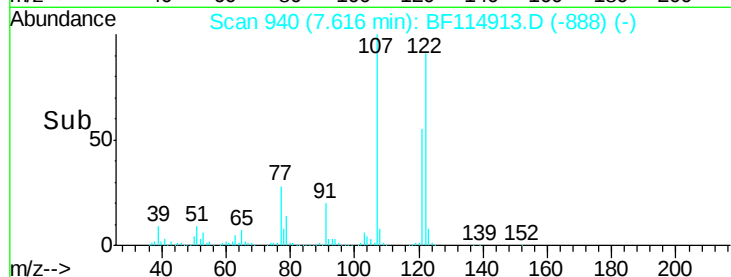
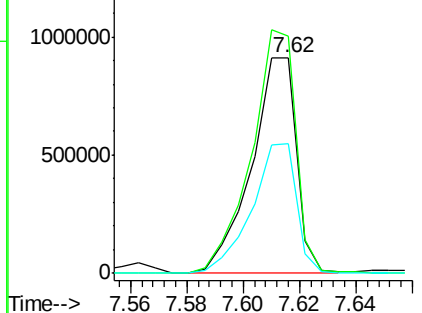
121 60.0 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.760 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

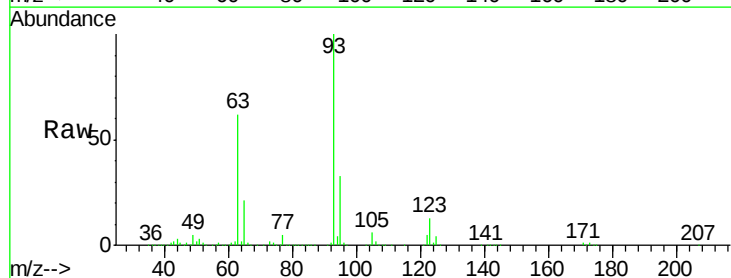
Tgt Ion: 93 Resp: 1297514

Ion Ratio Lower Upper

93 100

95 33.4 26.9 40.3

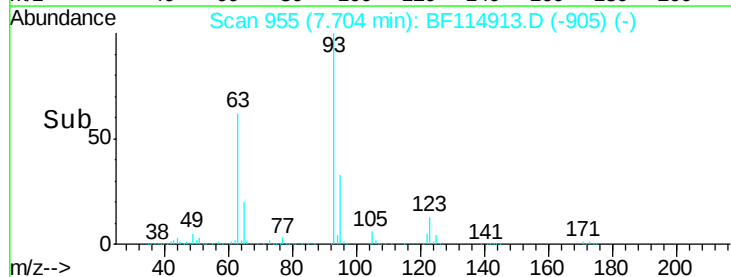
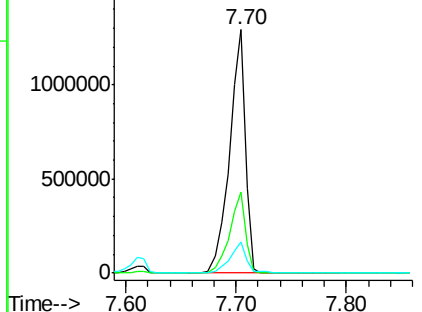
123 12.8 10.4 15.6

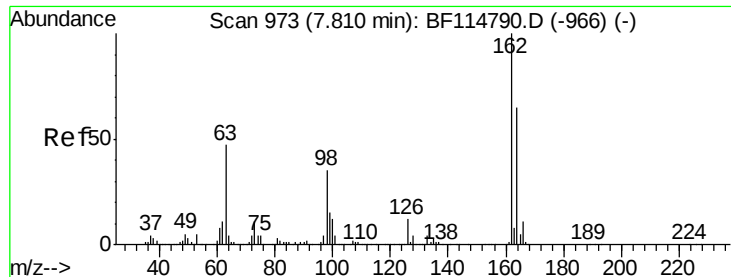


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

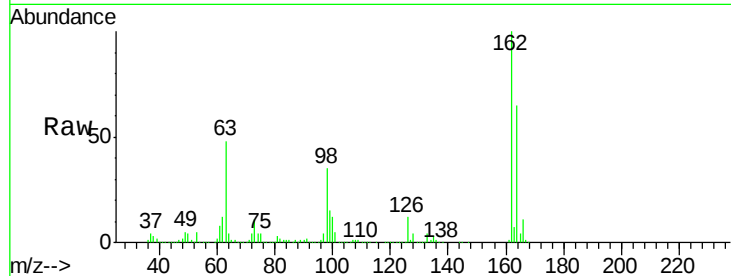




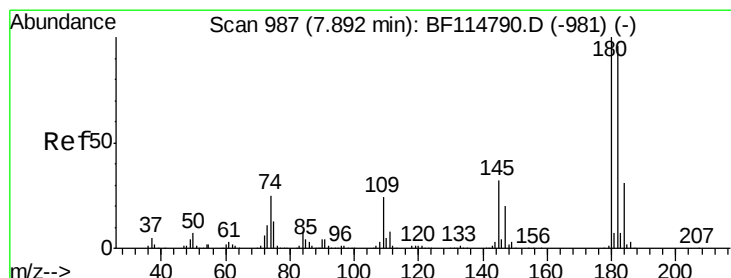
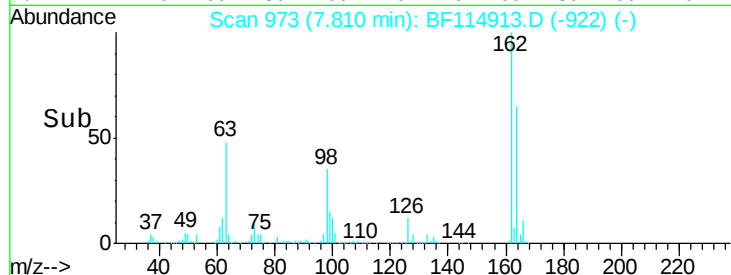
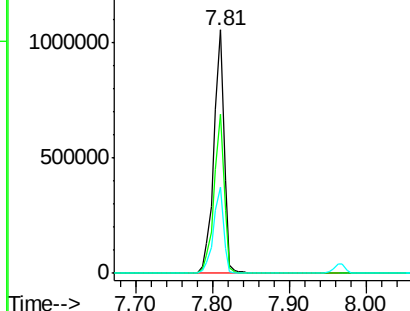
#29
2,4-Dichlorophenol
Concen: 50.646 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.1	85.1
98	35.5	14.6	54.6

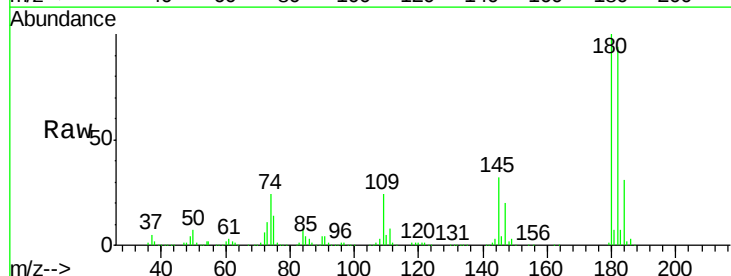


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

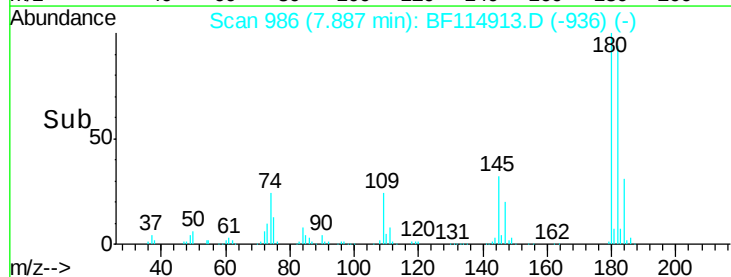
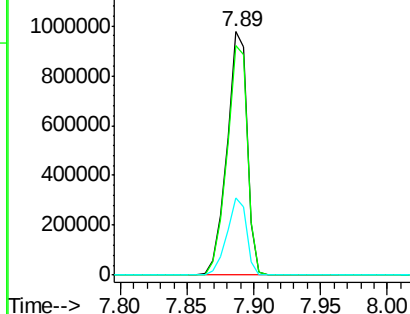


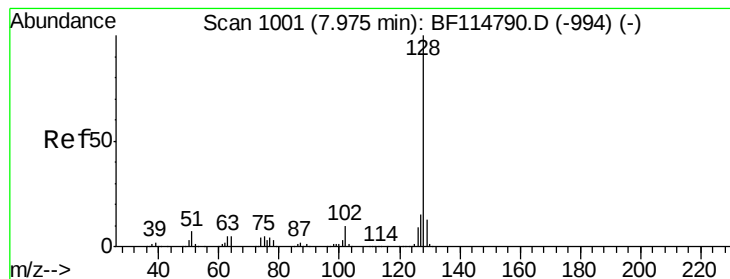
#30
1,2,4-Trichlorobenzene
Concen: 48.431 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.5	114.7
145	31.8	25.8	38.8



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: 51.439 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

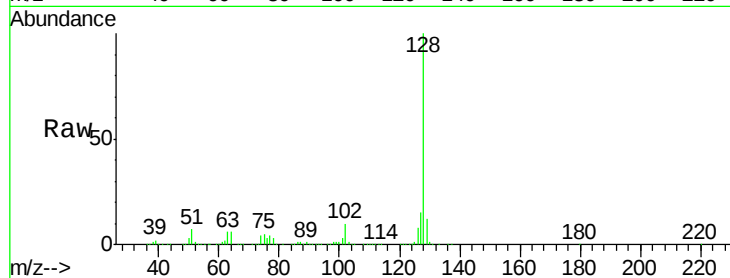
Tot Ion:128 Resp: 3001803

Ion Ratio Lower Upper

128 100

129 12.5 10.0 15.0

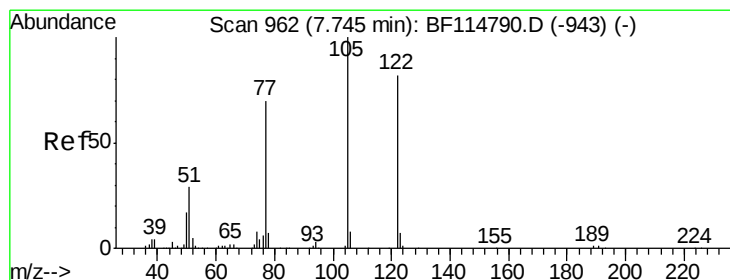
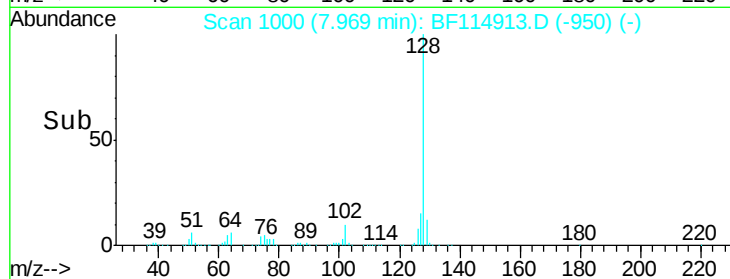
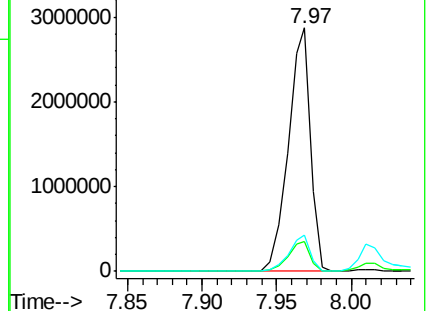
127 14.8 12.2 18.2



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: 22.367 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

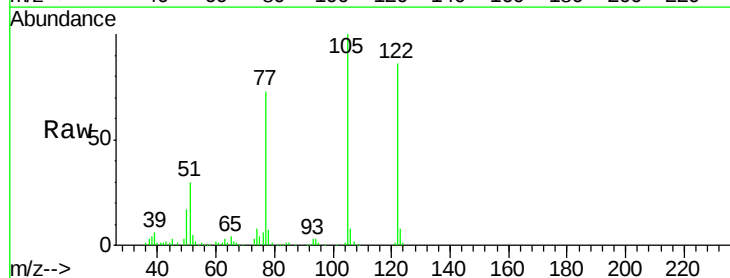
Tgt Ion:122 Resp: 292542

Ion Ratio Lower Upper

122 100

105 116.3 98.7 138.7

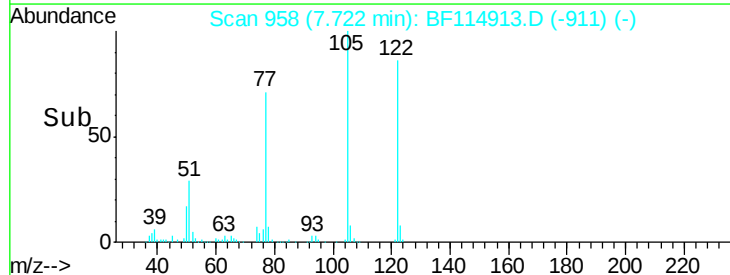
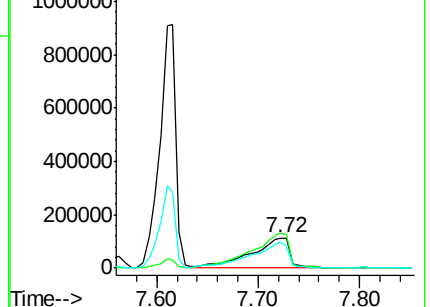
77 85.0 64.8 104.8

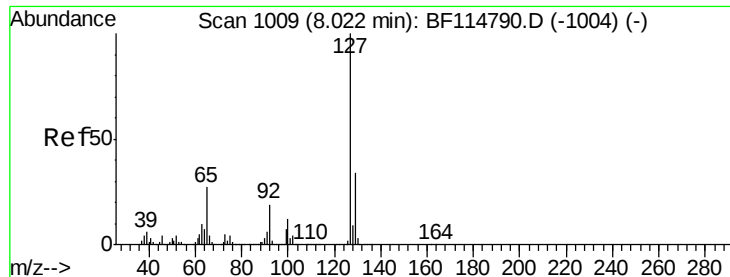


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

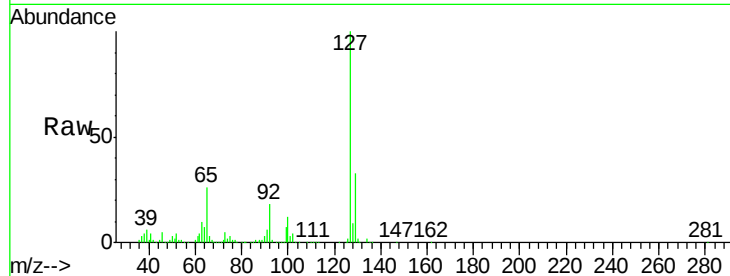




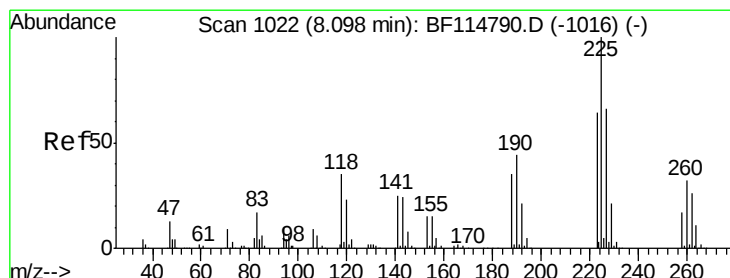
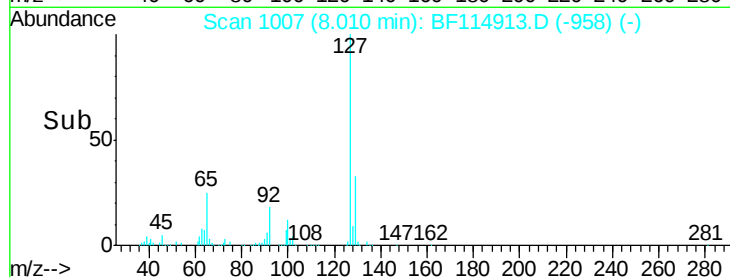
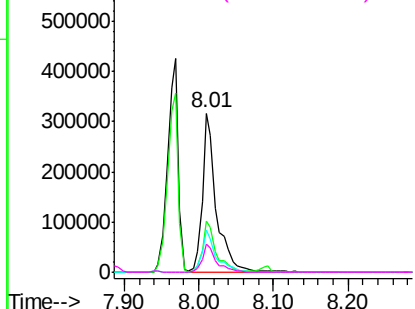
#33
4-Chloroaniline
Concen: 14.913 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

Tot Ion:	127	Resp:	415166
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.9	40.3
65	26.5	21.7	32.5
92	17.9	14.8	22.2

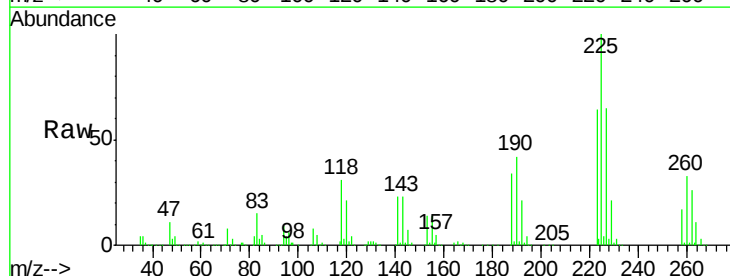


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

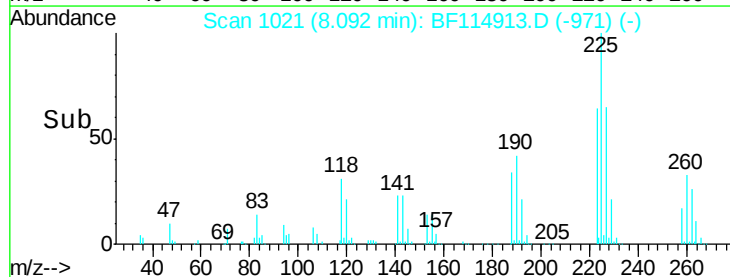
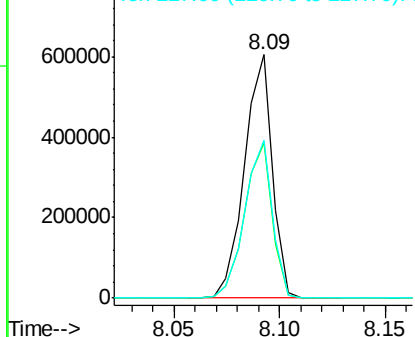


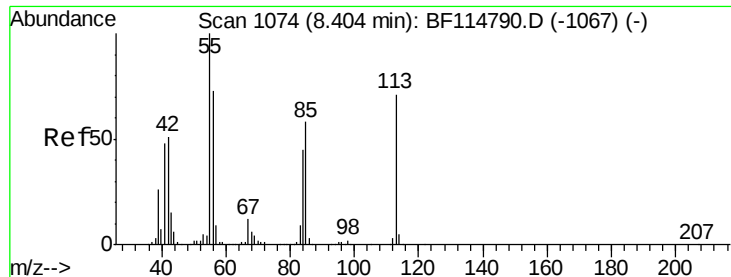
#34
Hexachlorobutadiene
Concen: 44.901 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:	225	Resp:	553392
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	64.8	52.6	78.8



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

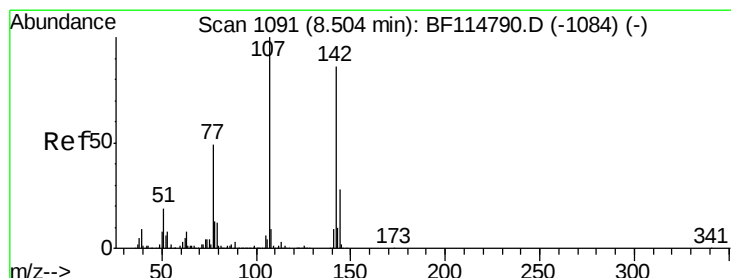
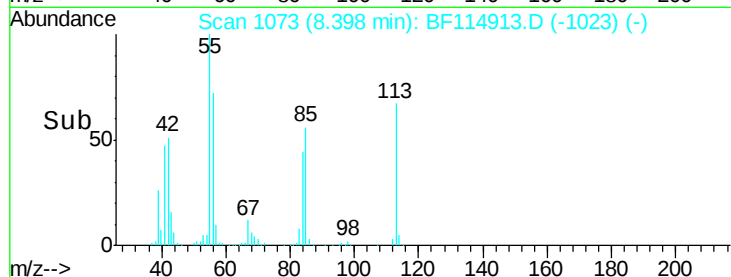
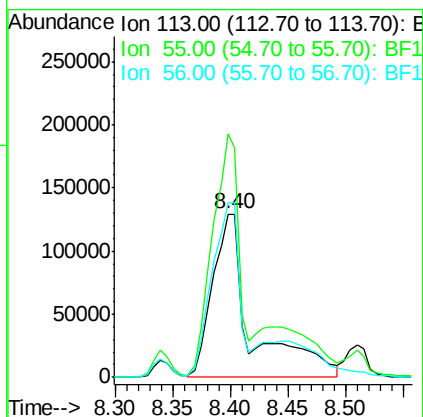
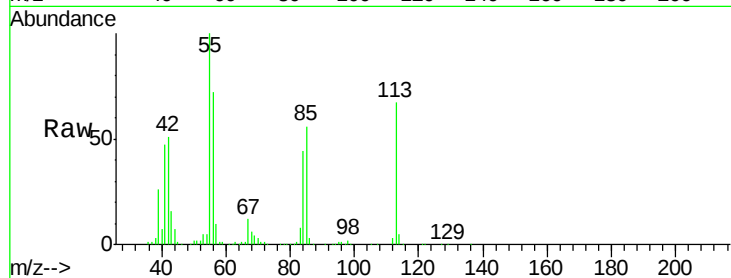




#35
Caprolactam
Concen: 49.305 ng/ml
RT: 8.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

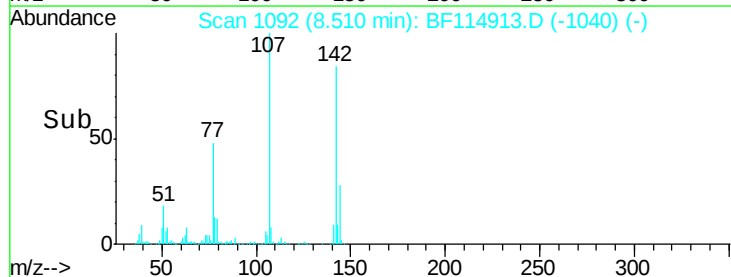
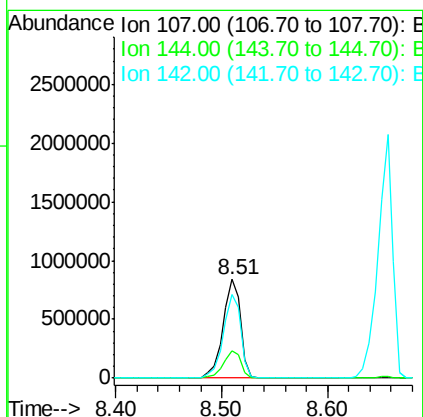
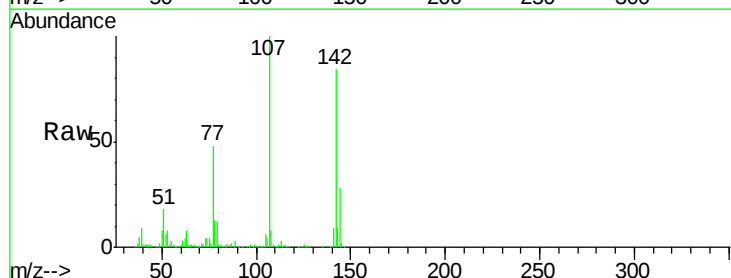
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

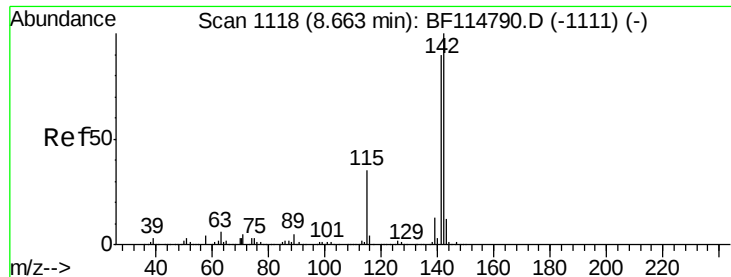
Tot Ion:113 Resp: 304293
Ion Ratio Lower Upper
113 100
55 149.0 121.1 161.1
56 107.0 82.6 122.6



#36
4-Chloro-3-methylphenol
Concen: 51.829 ng/ml
RT: 8.51 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:107 Resp: 974378
Ion Ratio Lower Upper
107 100
144 27.9 22.1 33.1
142 84.4 68.4 102.6

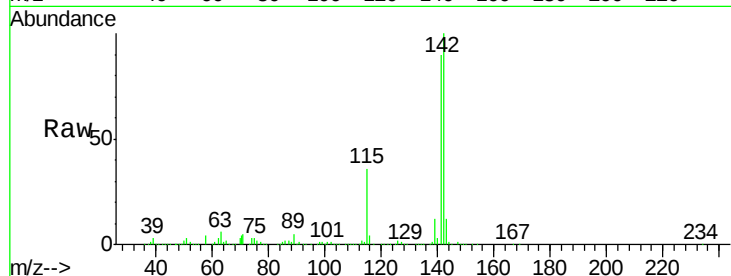




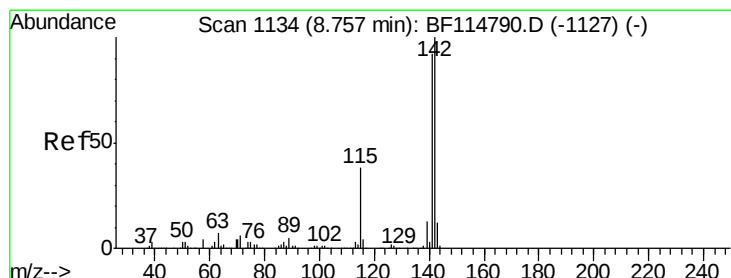
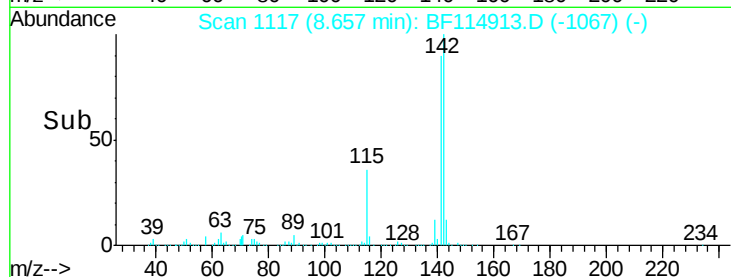
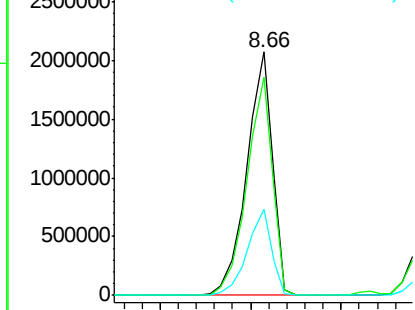
#37
 2-Methylnaphthalene
 Concen: 50.332 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047MSD

Tot Ion:142 Resp: 2037284
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.6 107.4
 115 35.6 28.2 42.4

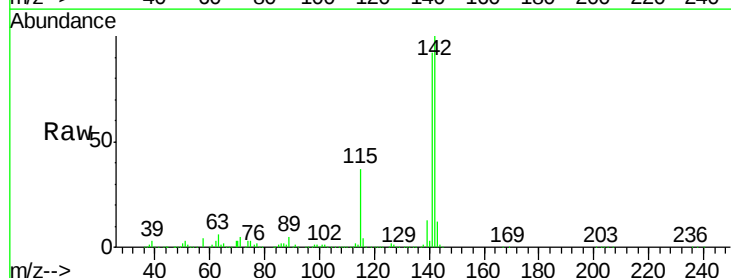


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

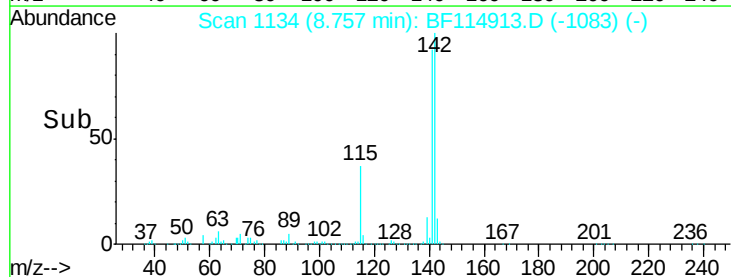
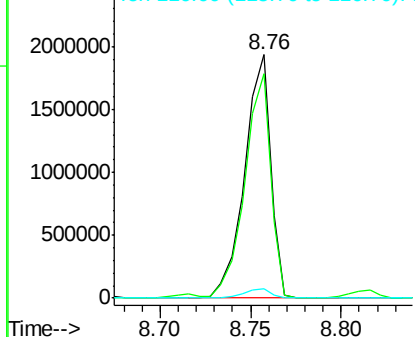


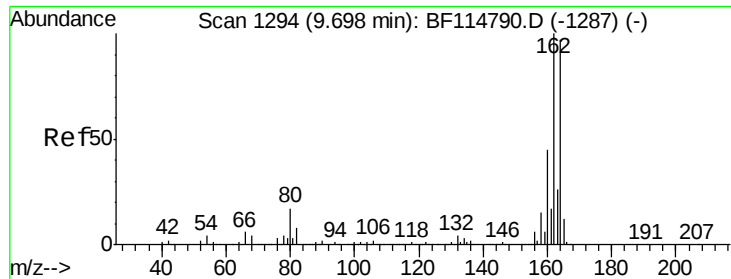
#38
 1-Methylnaphthalene
 Concen: 50.362 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Tgt Ion:142 Resp: 1933198
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.8 110.6
 116 3.9 3.3 4.9



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

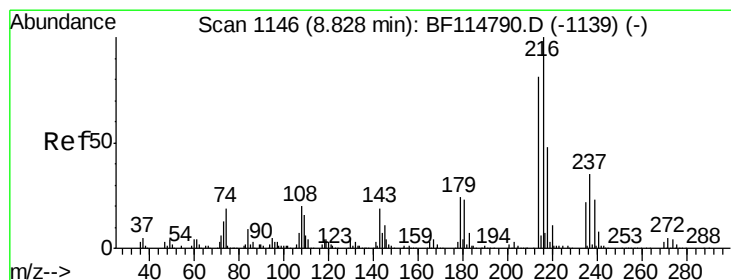
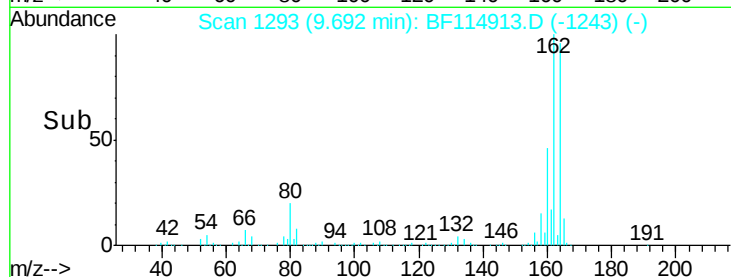
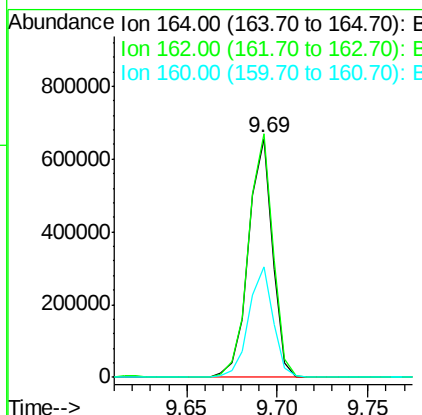
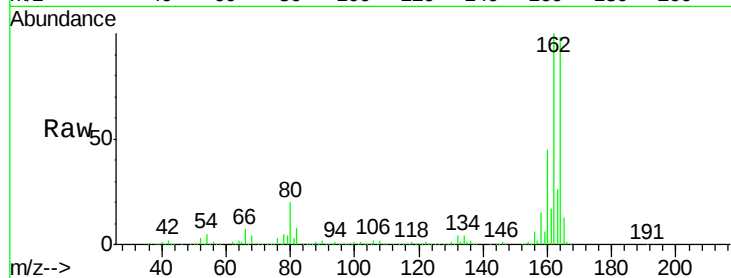




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

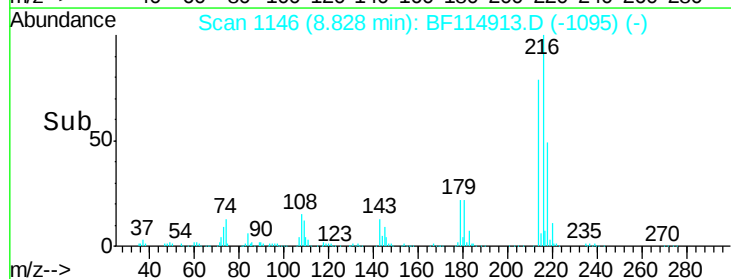
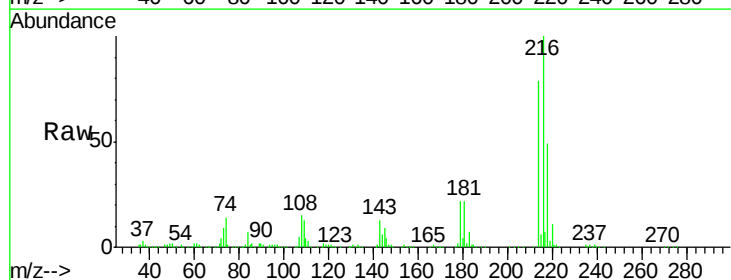
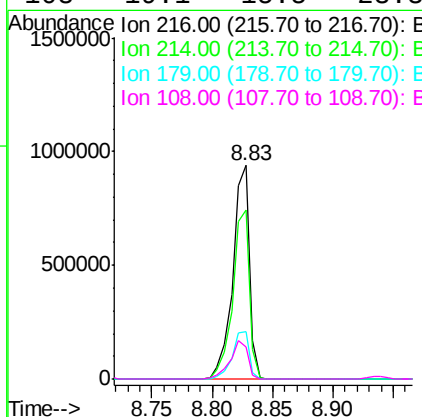
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

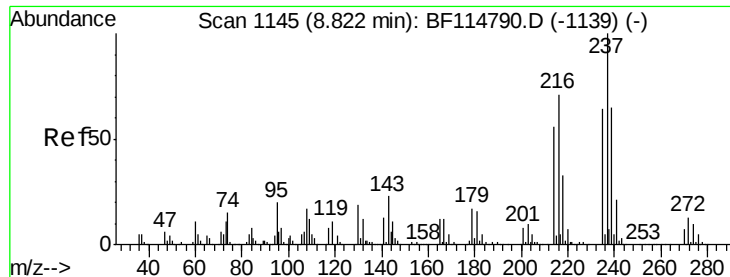
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.3	123.5
160	46.3	36.7	55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.980 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.7	18.3	27.5
108	19.1	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 48.190 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

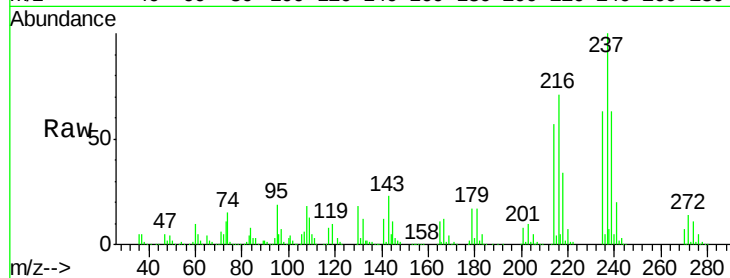
Tot Ion:237 Resp: 508493

Ion Ratio Lower Upper

237 100

235 63.2 44.0 84.0

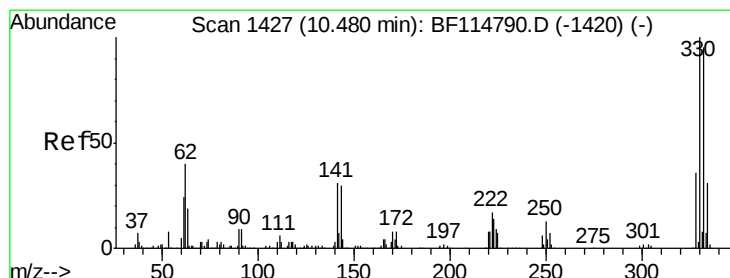
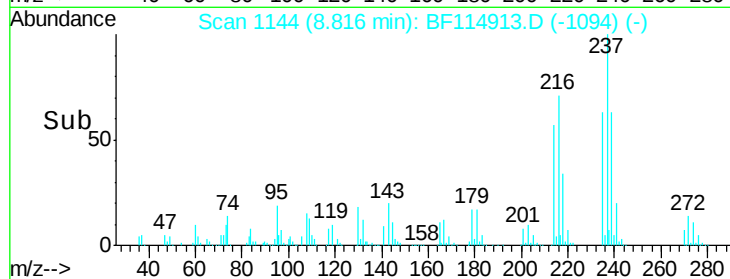
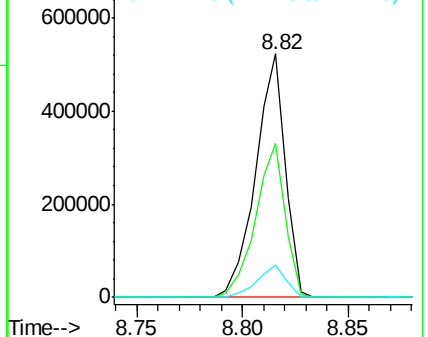
272 13.5 0.0 33.4



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: 117.689 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

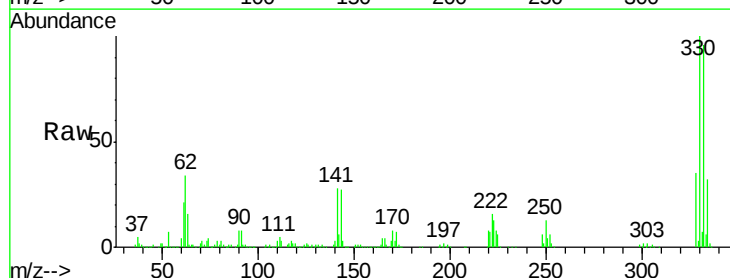
Tgt Ion:330 Resp: 765677

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

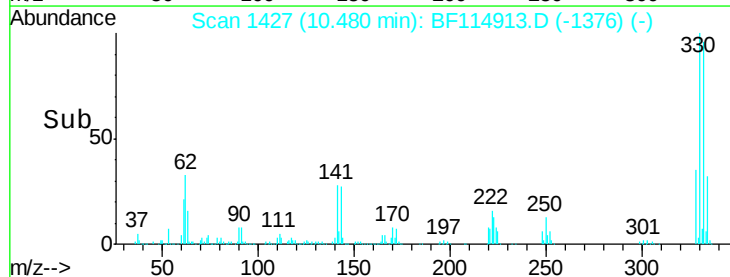
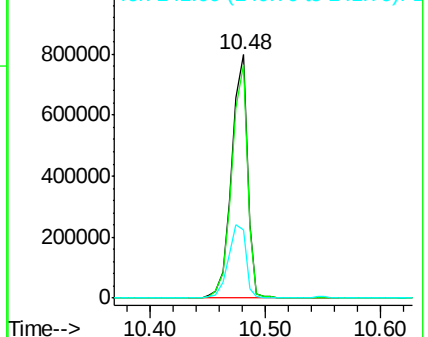
141 33.3 26.2 39.4

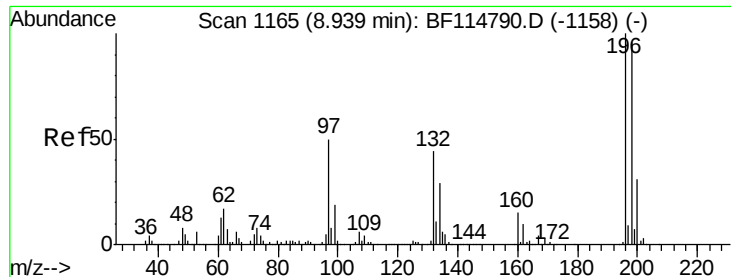


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

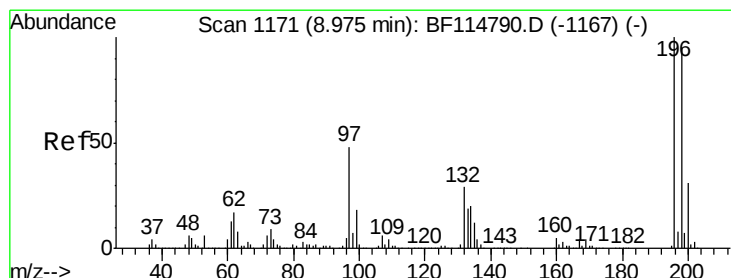
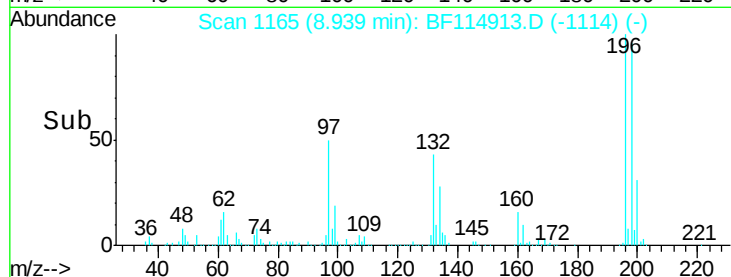
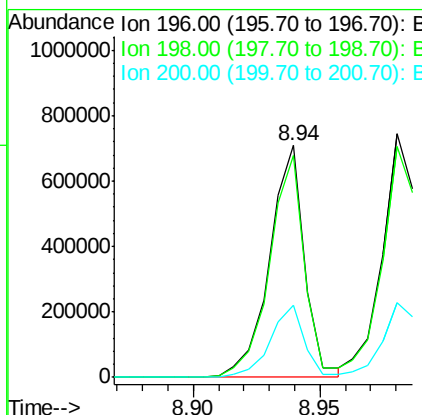
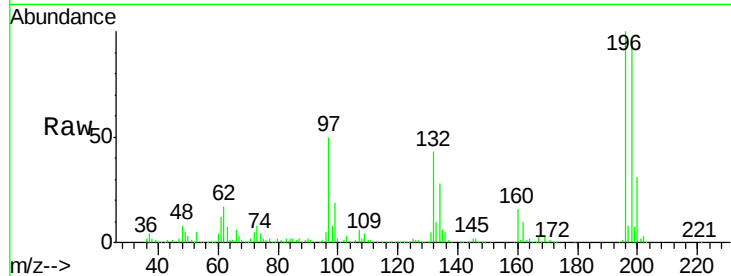




#43
 2,4,6-Trichlorophenol
 Concen: 50.632 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

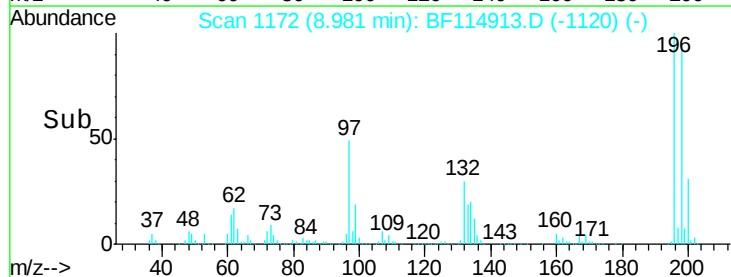
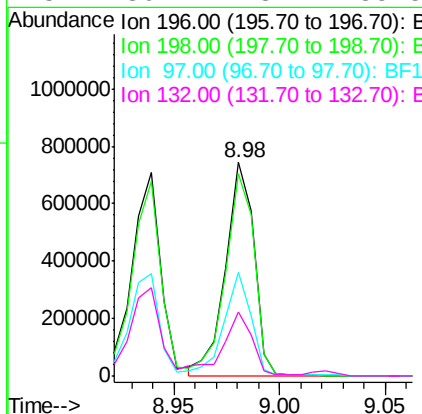
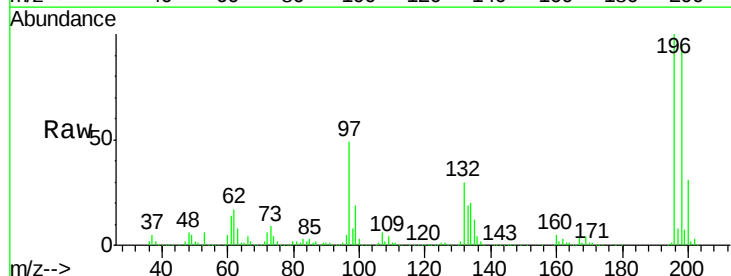
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047MSD

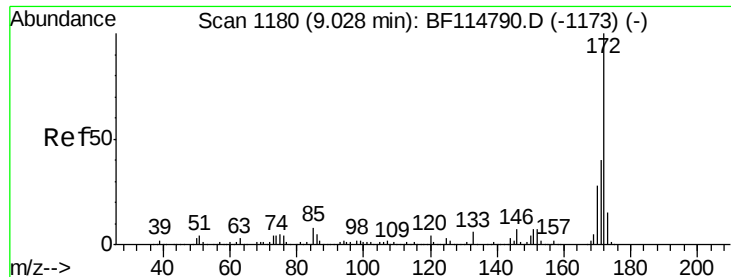
Tot Ion	196	Resp	684976
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.1	115.7
200	31.3	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.676 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Tgt Ion	196	Resp	690439
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.2	114.4
97	48.6	38.2	57.4
132	30.1	23.7	35.5

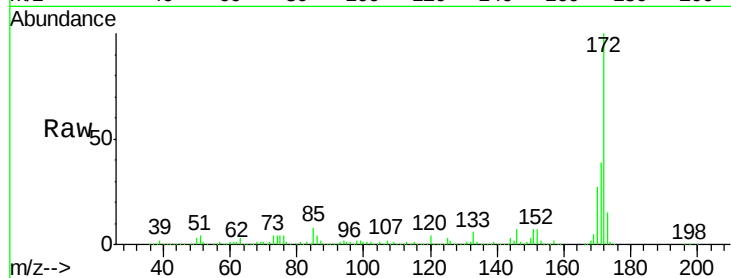




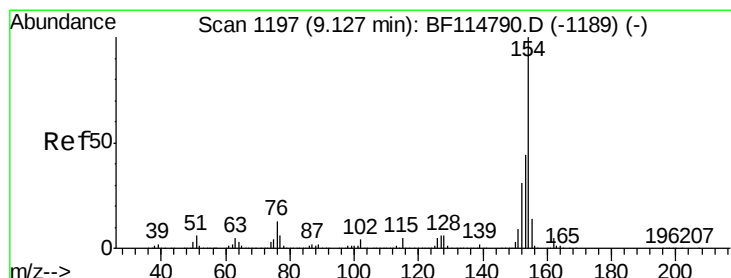
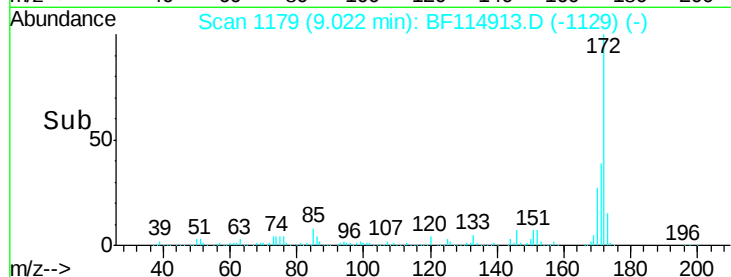
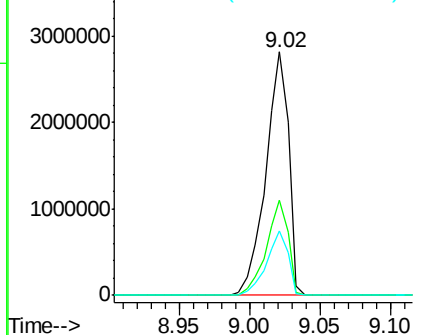
#45
2-Fluorobiphenyl
Concen: 99.364 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

Tot Ion:172 Resp: 3202270
Ion Ratio Lower Upper
172 100
171 39.0 32.3 48.5
170 26.6 22.4 33.6

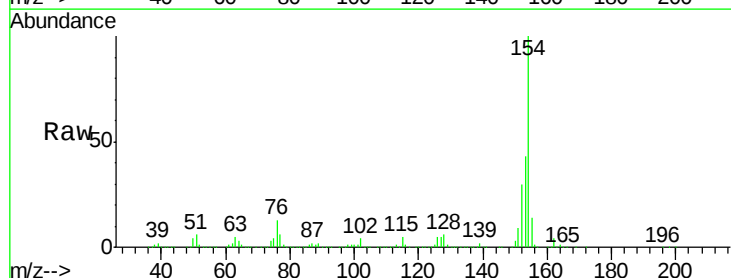


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

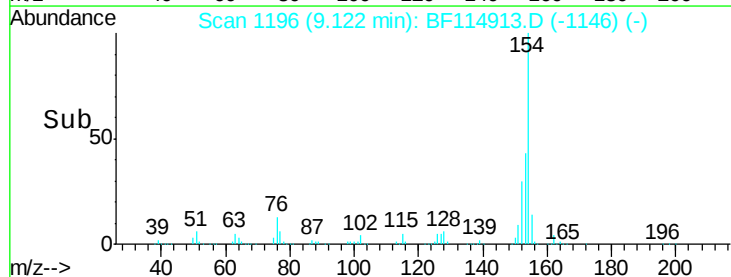
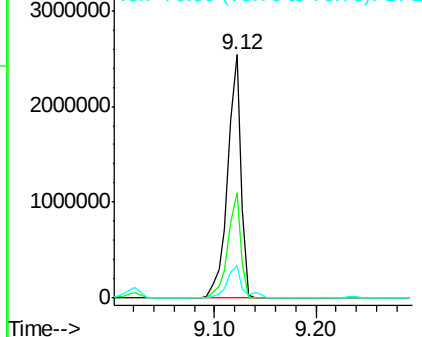


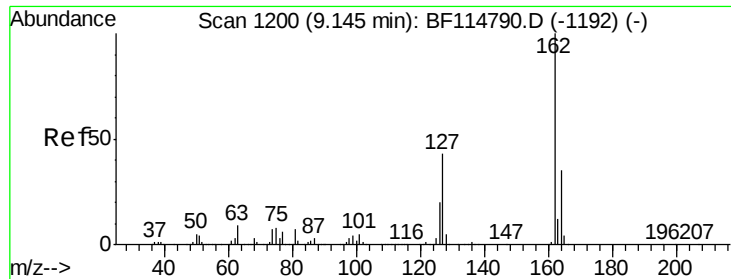
#46
1,1'-Biphenyl
Concen: 51.585 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:154 Resp: 2308122
Ion Ratio Lower Upper
154 100
153 43.2 23.9 63.9
76 13.3 0.0 33.2



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

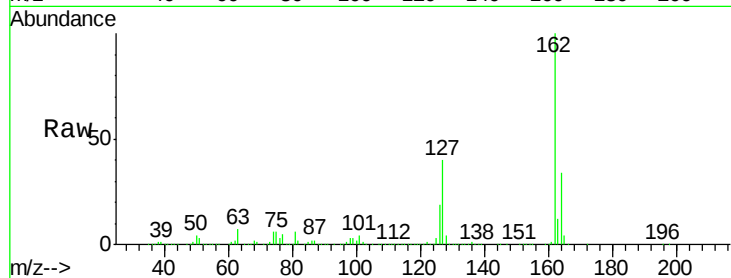




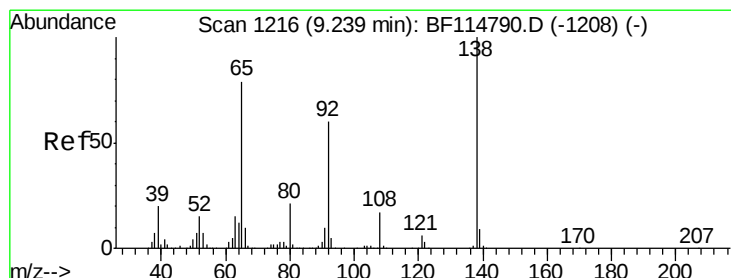
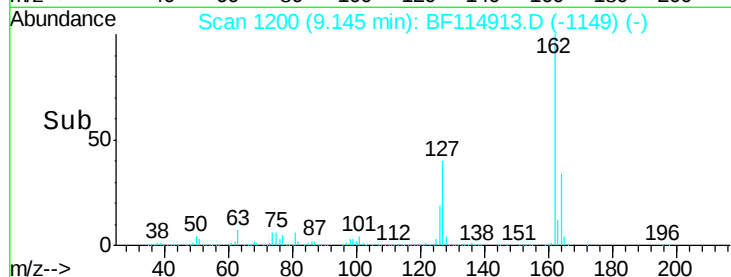
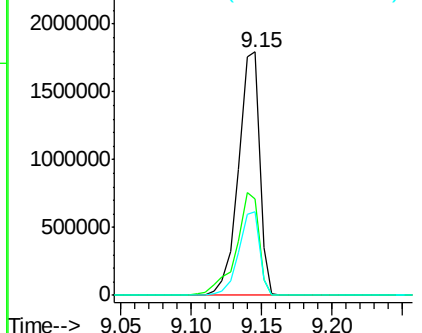
#47
 2-Chloronaphthalene
 Concen: 49.566 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047MSD

Tot Ion:162 Resp: 1884500
 Ion Ratio Lower Upper
 162 100
 127 39.6 34.6 51.8
 164 34.2 27.8 41.8

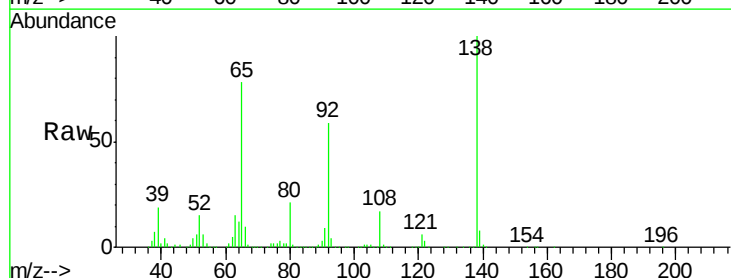


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

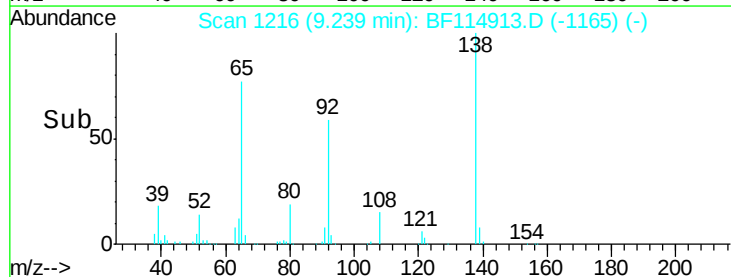
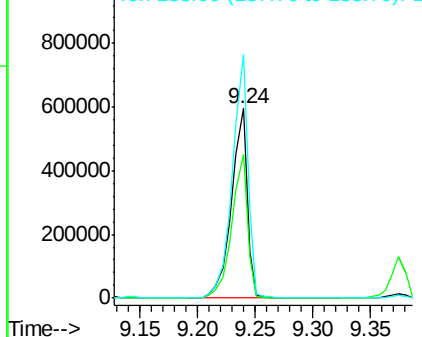


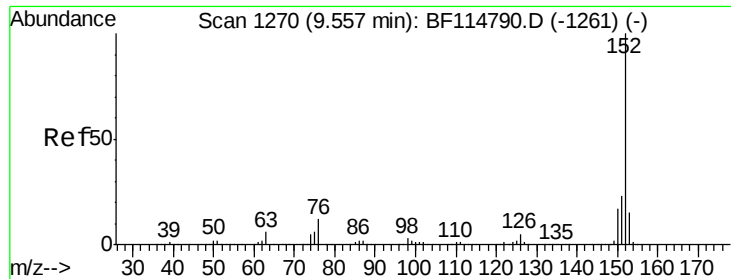
#48
 2-Nitroaniline
 Concen: 49.779 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Tgt Ion: 65 Resp: 564798
 Ion Ratio Lower Upper
 65 100
 92 75.8 60.4 90.6
 138 128.4 101.2 151.8



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): E





#49

Acenaphthylene

Concen: 50.474 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

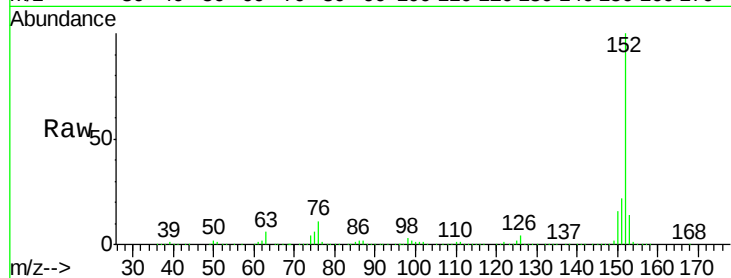
Tot Ion:152 Resp: 2782883

Ion Ratio Lower Upper

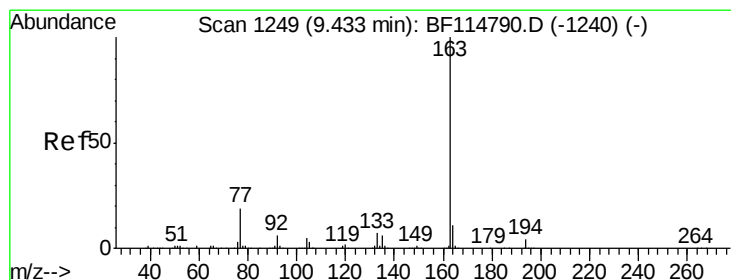
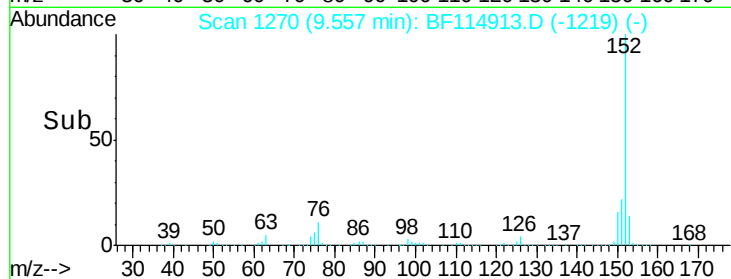
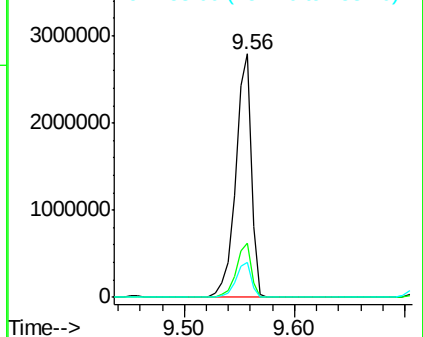
152 100

151 22.4 18.3 27.5

153 14.5 12.3 18.5



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: 60.280 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

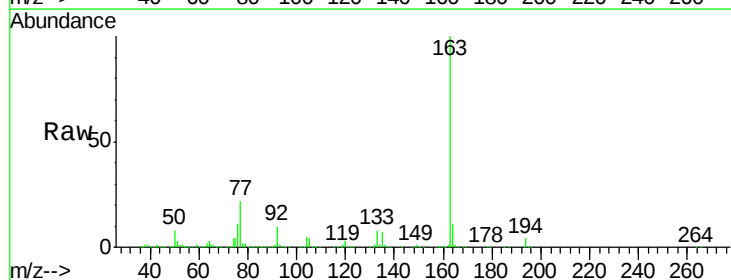
Tgt Ion:163 Resp: 2657902

Ion Ratio Lower Upper

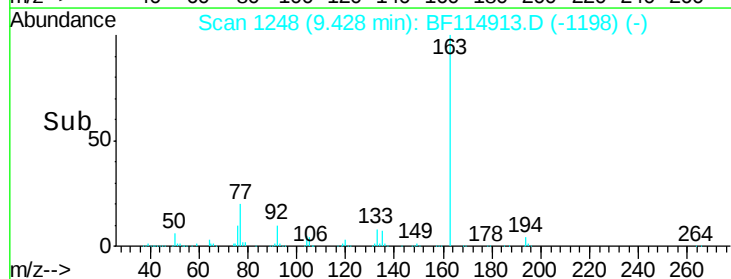
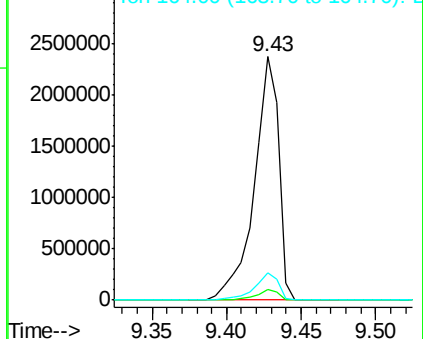
163 100

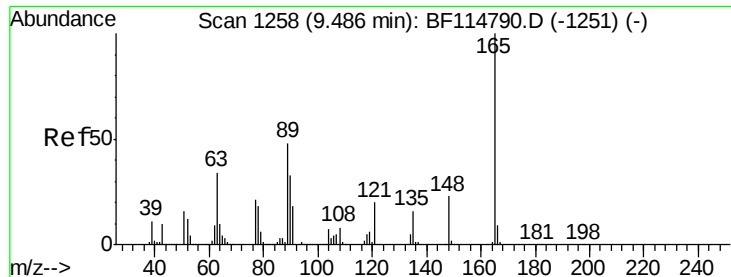
194 4.2 3.4 5.2

164 11.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

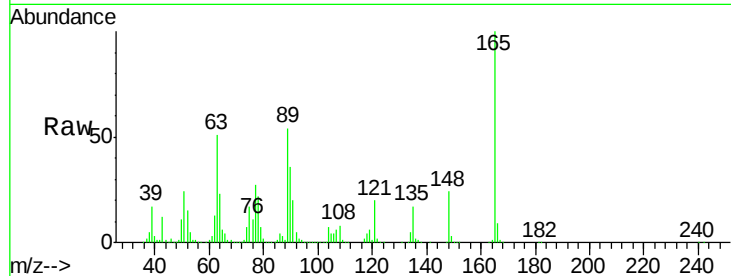




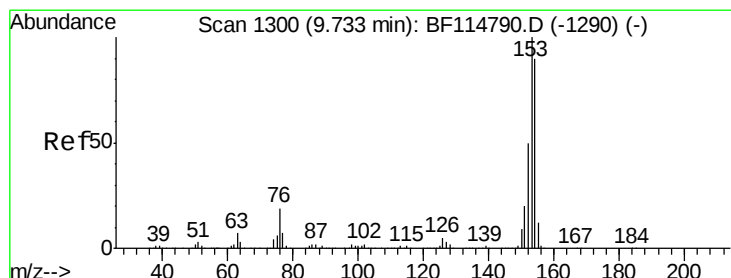
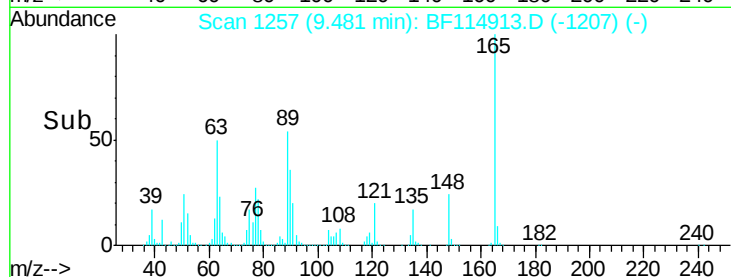
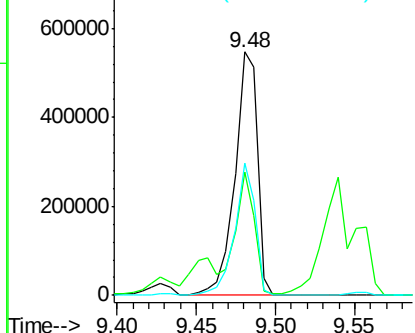
#51
2,6-Dinitrotoluene
Concen: 51.989 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

Tot Ion:165 Resp: 539111
Ion Ratio Lower Upper
165 100
63 50.5 35.1 52.7
89 54.1 38.2 57.2

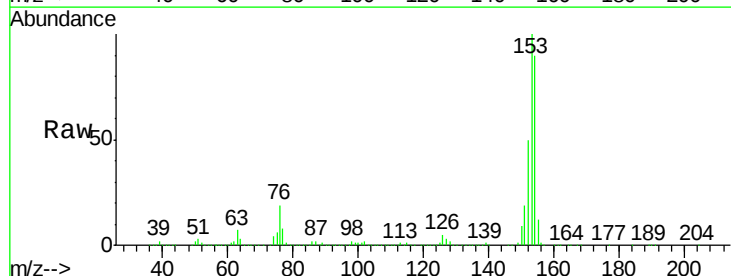


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

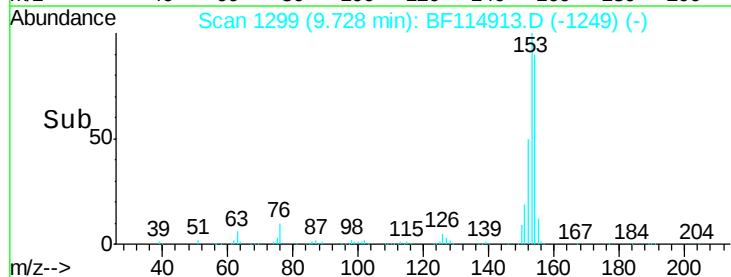
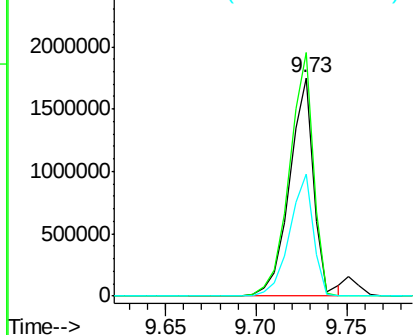


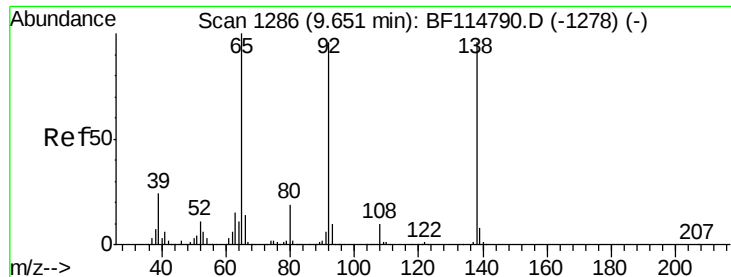
#52
Acenaphthene
Concen: 45.727 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:154 Resp: 1651561
Ion Ratio Lower Upper
154 100
153 111.6 88.5 132.7
152 55.6 44.1 66.1



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

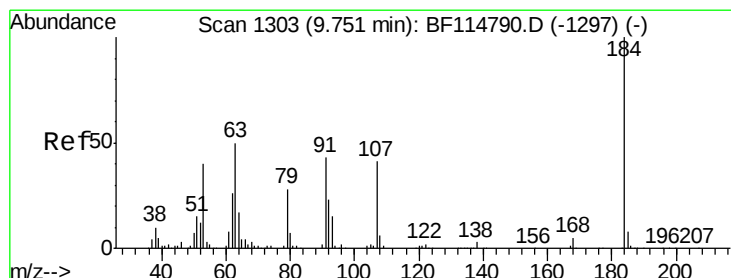
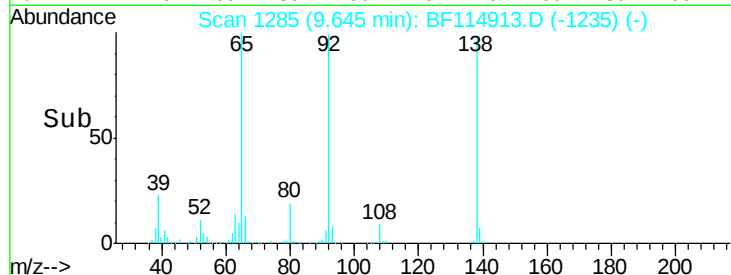
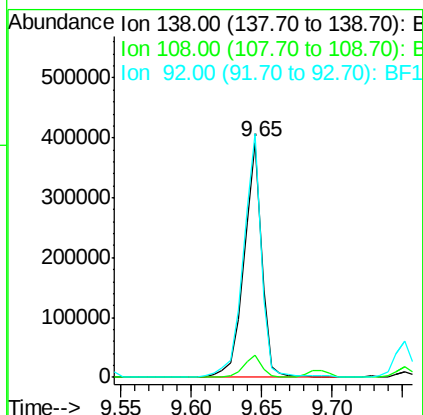
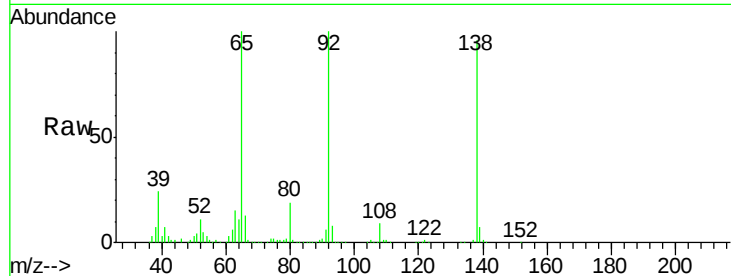




#53
3-Nitroaniline
Concen: 28.384 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

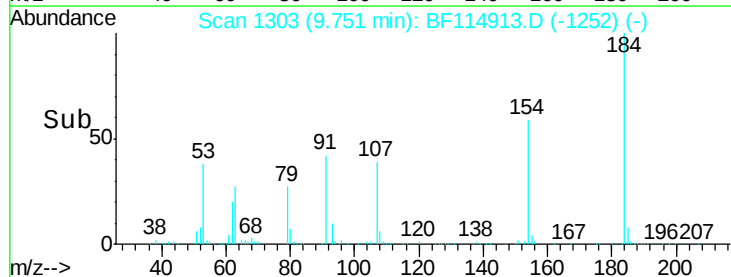
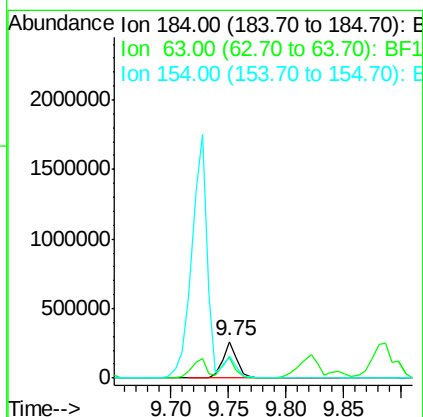
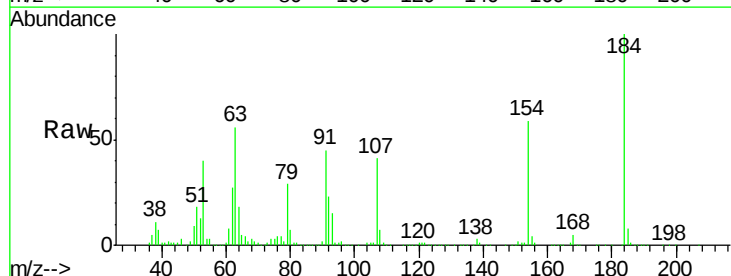
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

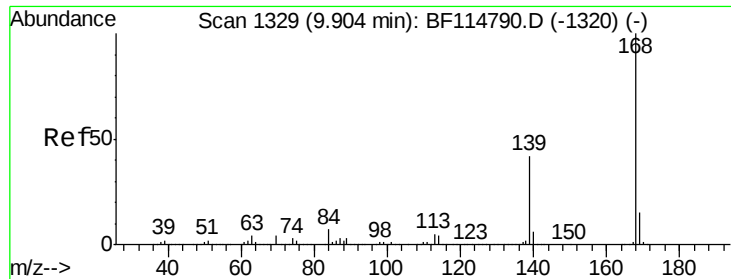
Tot Ion:138 Resp: 343834
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 103.5 79.9 119.9



#54
2,4-Dinitrophenol
Concen: 48.660 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:184 Resp: 228332
Ion Ratio Lower Upper
184 100
63 56.3 44.1 66.1
154 59.3 48.1 72.1

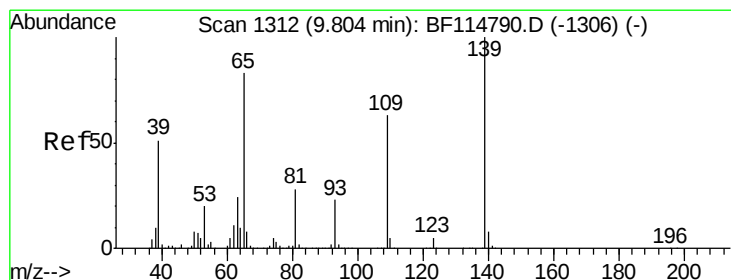
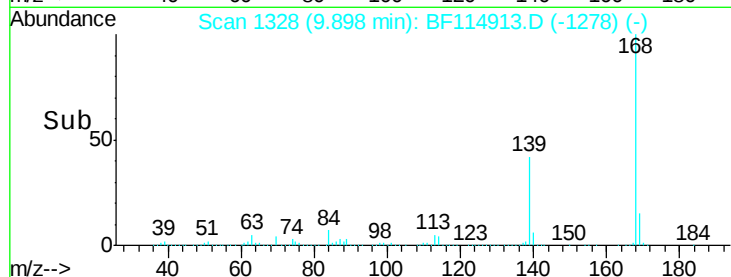
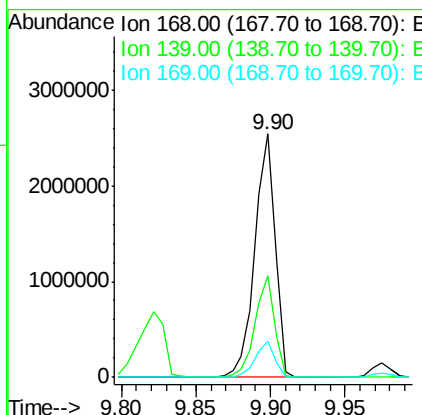
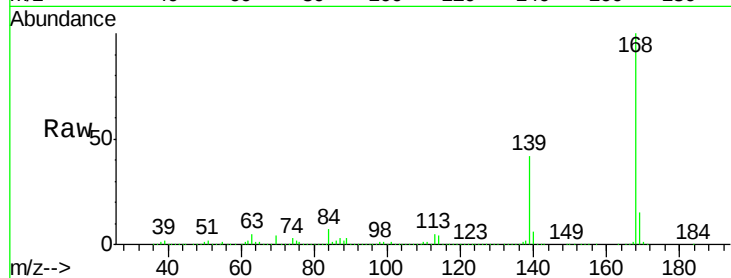




#55
Dibenzofuran
Concen: 47.586 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

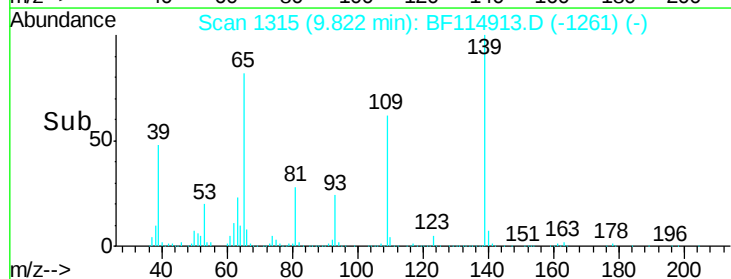
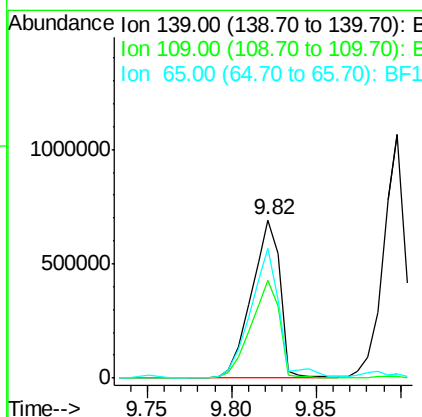
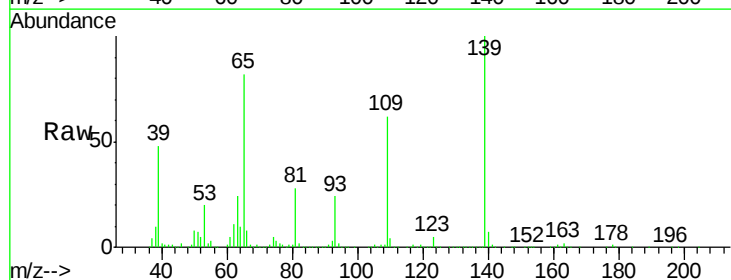
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

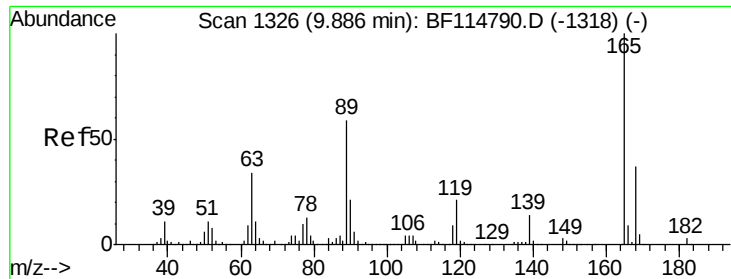
Tot Ion:168 Resp: 2389921
Ion Ratio Lower Upper
168 100
139 41.9 33.8 50.6
169 14.8 11.9 17.9



#56
4-Nitrophenol
Concen: 92.321 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:139 Resp: 819477
Ion Ratio Lower Upper
139 100
109 62.1 43.5 83.5
65 81.9 63.2 103.2

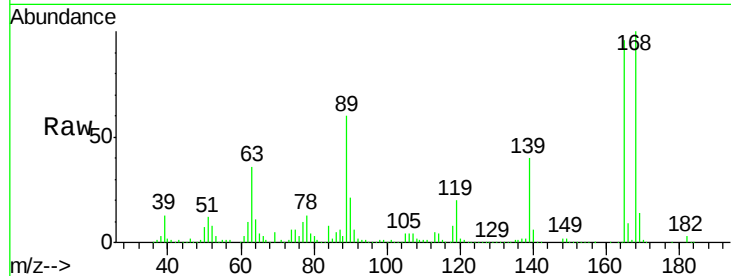




#57
2,4-Dinitrotoluene
Concen: 50.582 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	37.5	27.0	40.4	
89	62.2	47.0	70.6	
182	2.9	2.2	3.2	



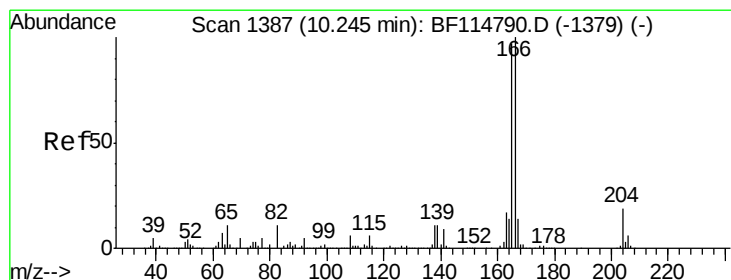
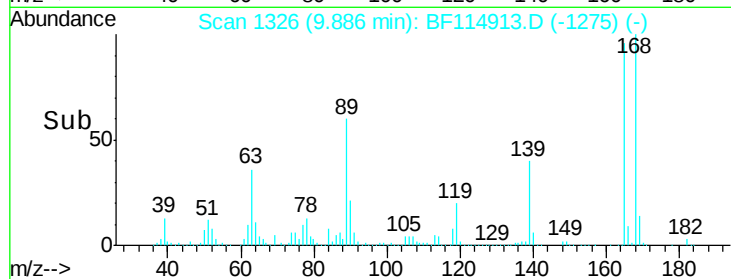
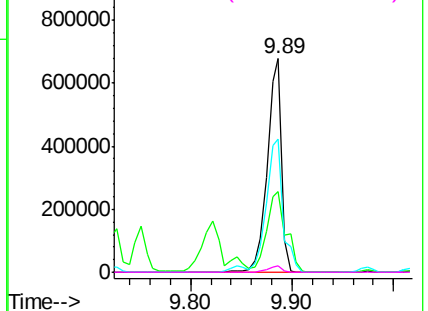
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

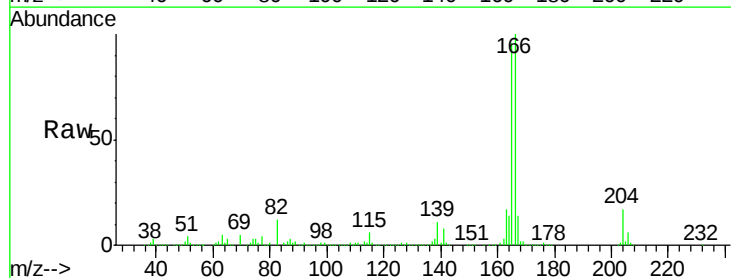
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 54.126 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	96.3	77.9	116.9	
167	13.6	11.3	16.9	

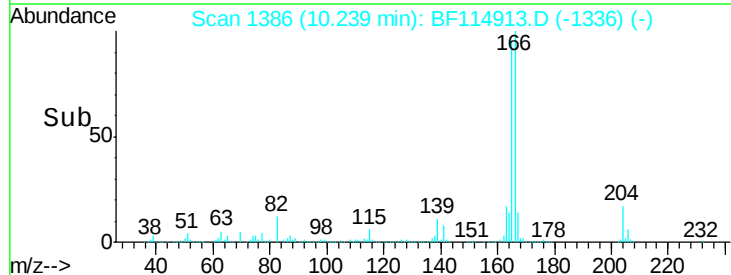
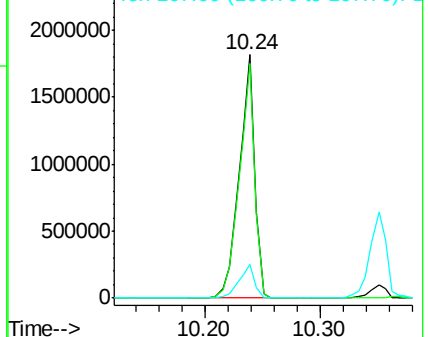


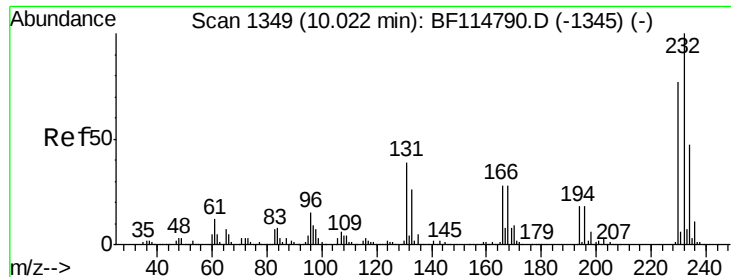
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

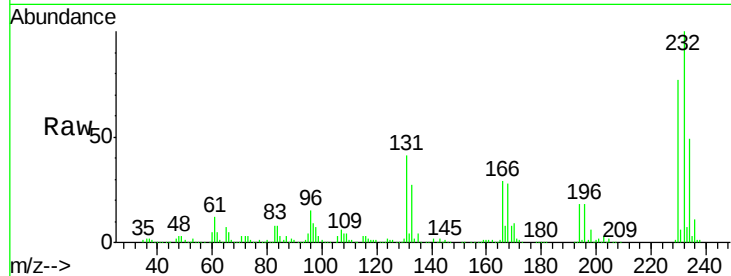




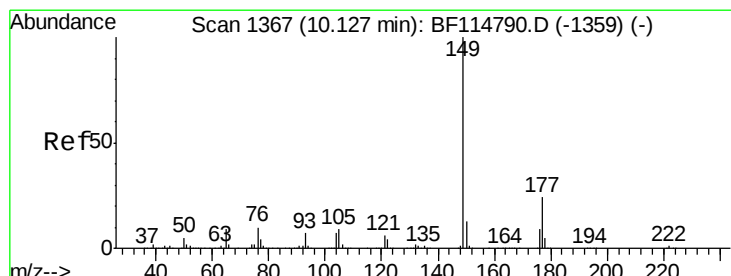
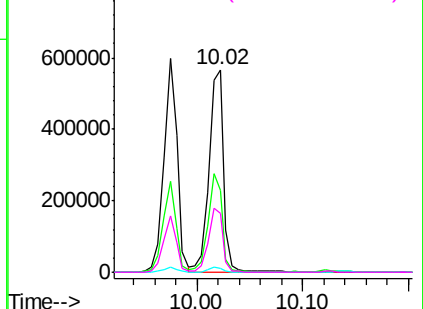
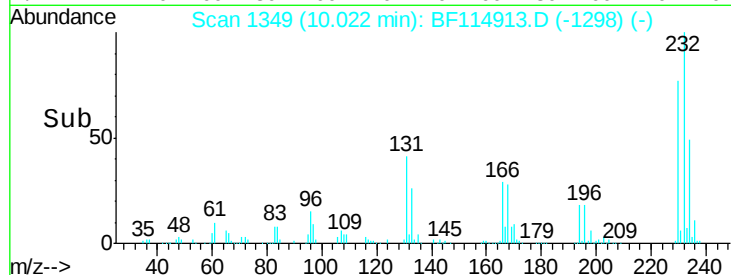
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.187 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047MSD

Tot Ion:232 Resp: 549041
 Ion Ratio Lower Upper
 232 100
 131 46.1 36.8 55.2
 130 2.3 1.8 2.6
 166 30.9 24.6 37.0

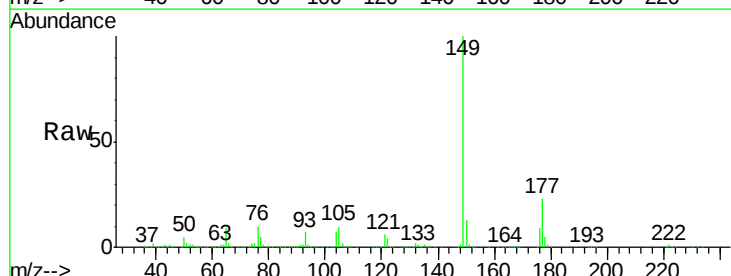


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

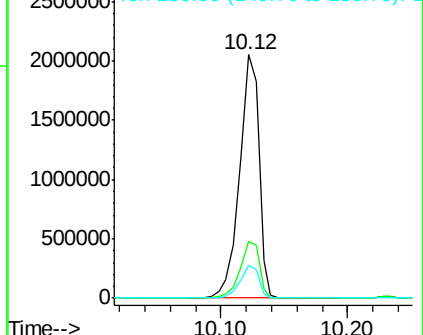
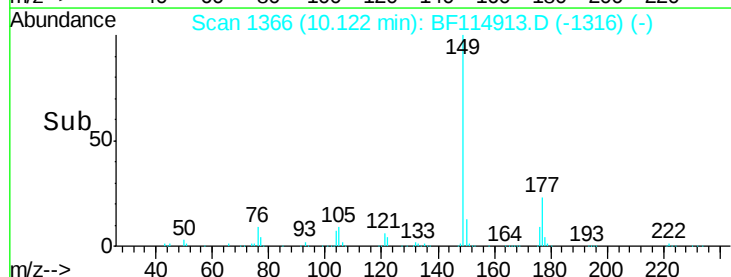


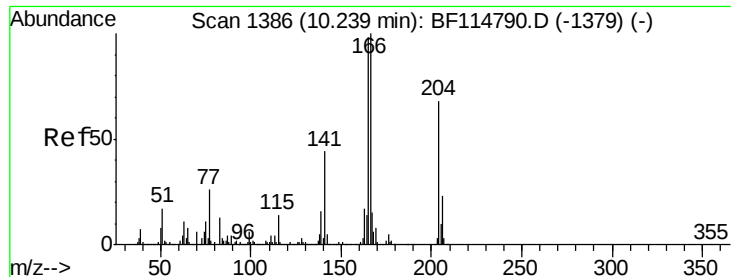
#60
 Diethylphthalate
 Concen: 48.641 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Tgt Ion:149 Resp: 2152090
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.3 28.9
 150 13.5 10.7 16.1



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

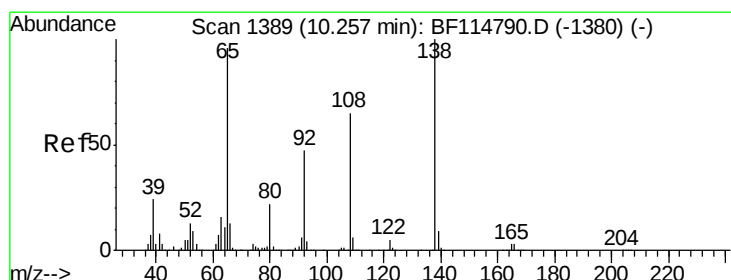
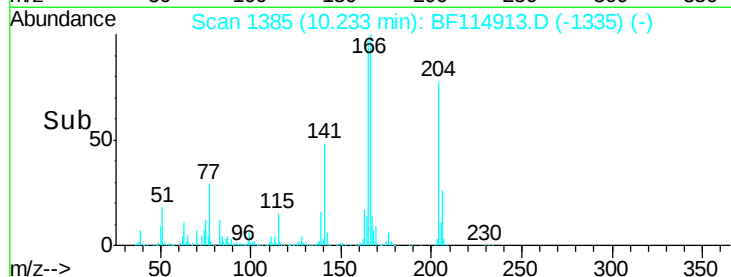
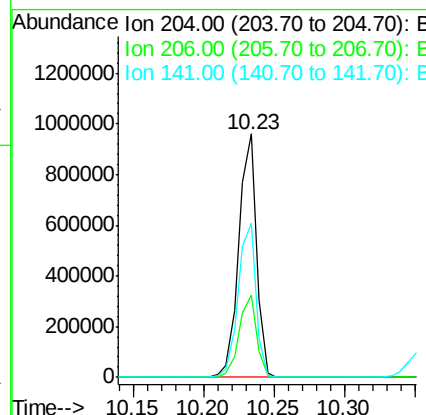
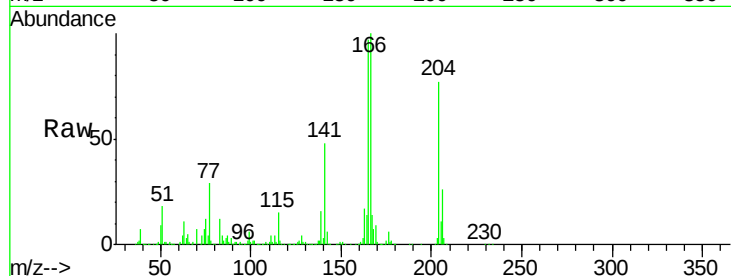




#61
4-Chlorophenyl-phenylether
Concen: 43.573 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

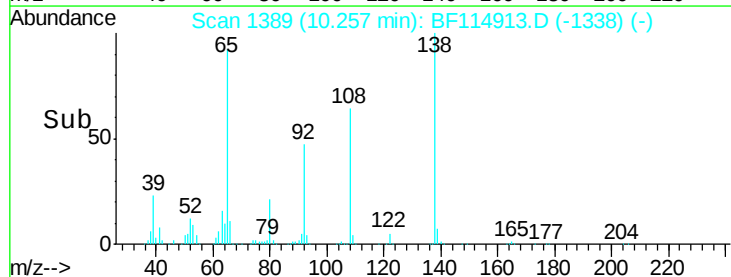
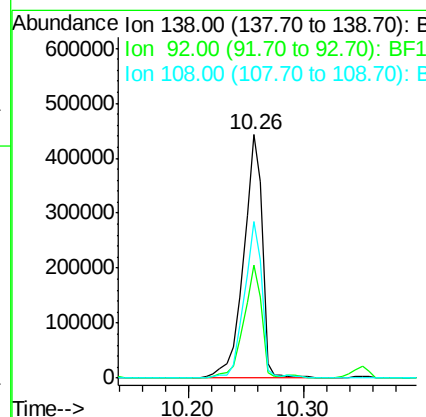
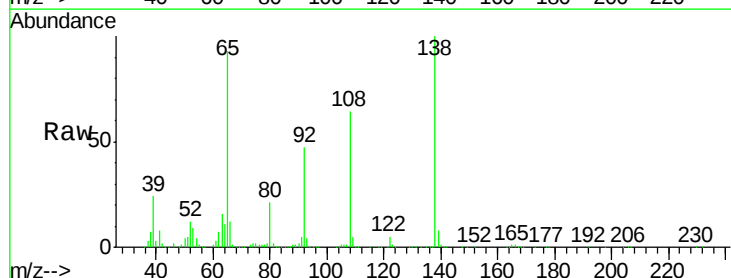
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

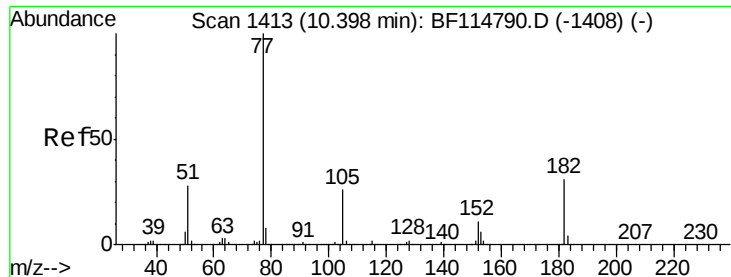
Tot Ion:204 Resp: 838164
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 63.1 51.0 76.4



#62
4-Nitroaniline
Concen: 42.341 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:138 Resp: 497474
Ion Ratio Lower Upper
138 100
92 46.6 26.5 66.5
108 64.3 45.4 85.4

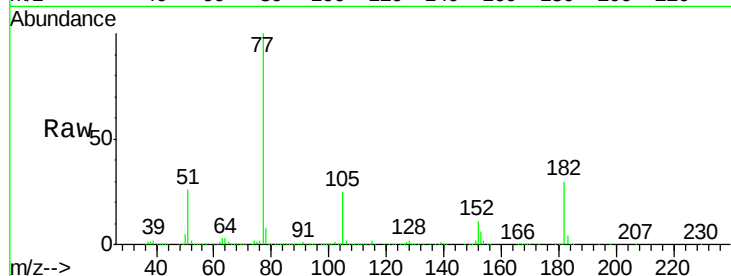




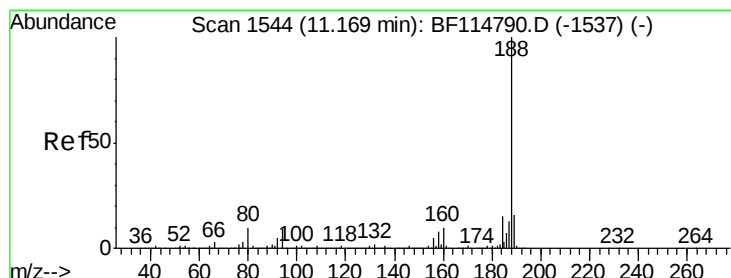
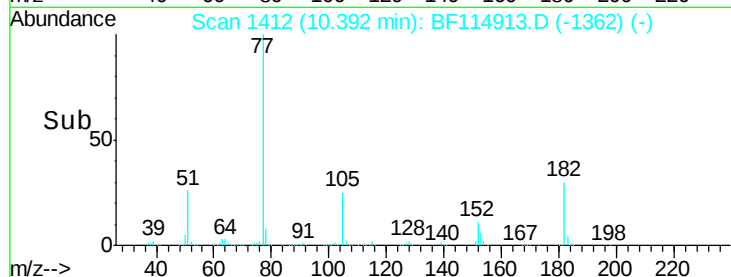
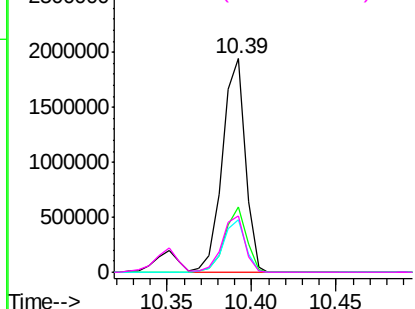
#63
Azobenzene
Concen: 48.662 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

Tot Ion: 77 Resp: 1832700
Ion Ratio Lower Upper
77 100
182 30.4 11.2 51.2
105 24.8 5.7 45.7
51 26.3 8.0 48.0

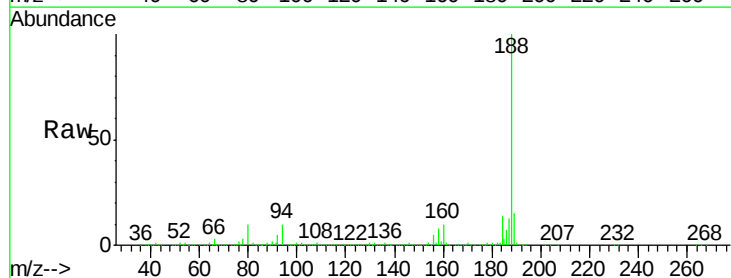


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

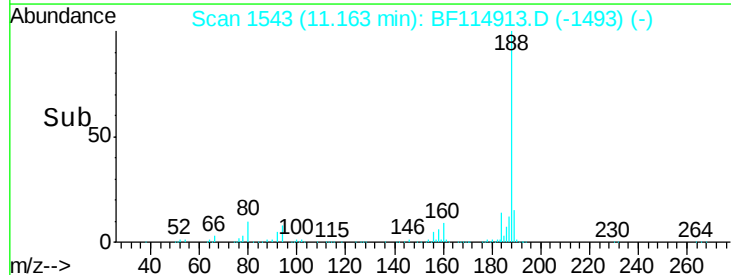
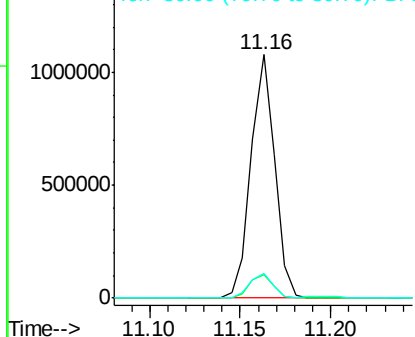


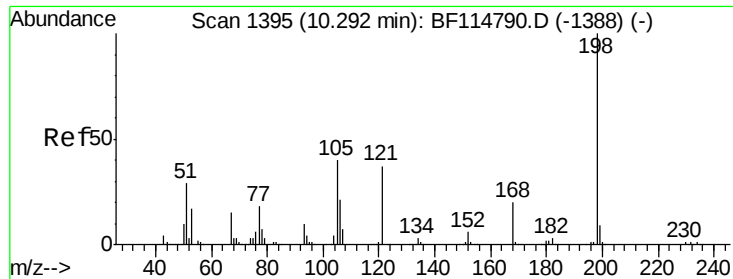
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion: 188 Resp: 986596
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.3 8.3 12.5



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

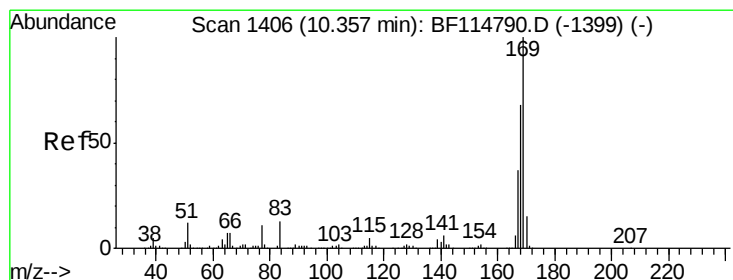
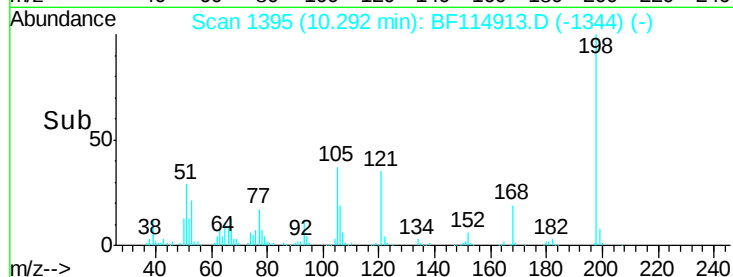
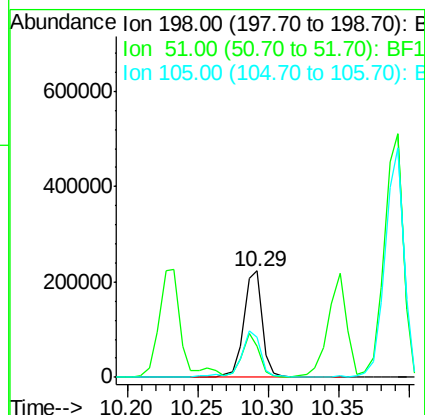
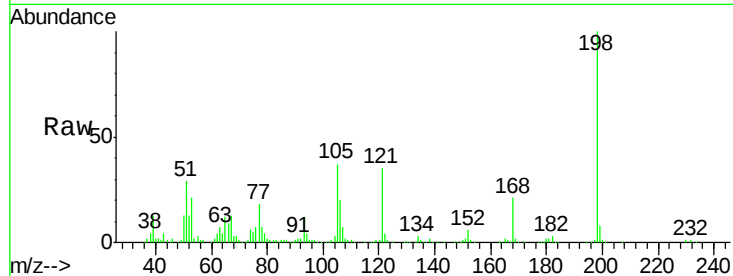




#65
4,6-Dinitro-2-methylphenol
Concen: 40.116 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

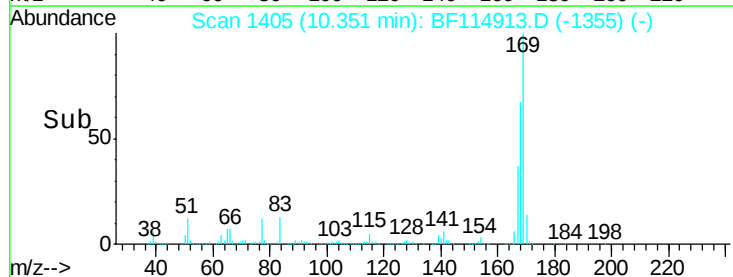
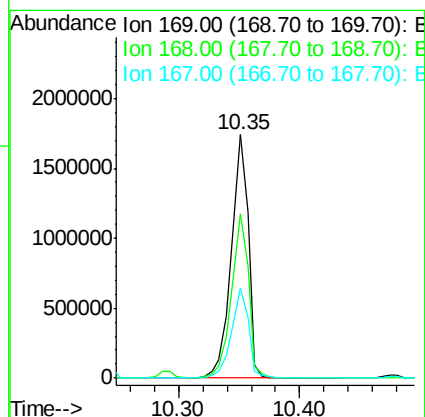
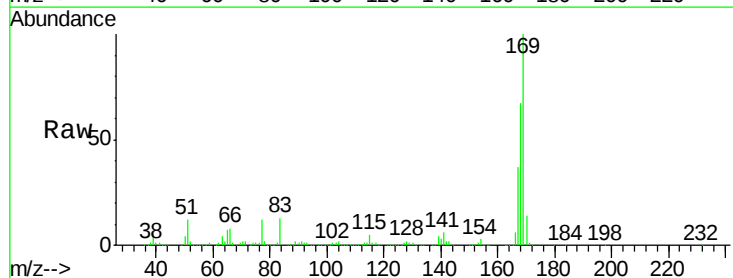
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

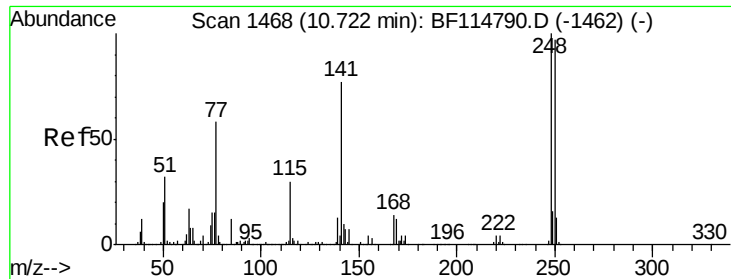
Tot Ion:198 Resp: 205592
Ion Ratio Lower Upper
198 100
51 29.3 14.9 54.9
105 37.2 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 56.998 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:169 Resp: 1700402
Ion Ratio Lower Upper
169 100
168 67.2 54.3 81.5
167 37.1 29.9 44.9

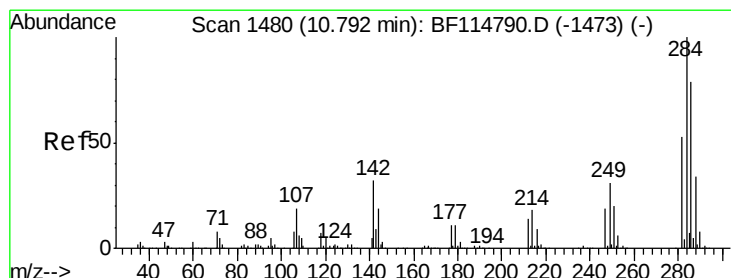
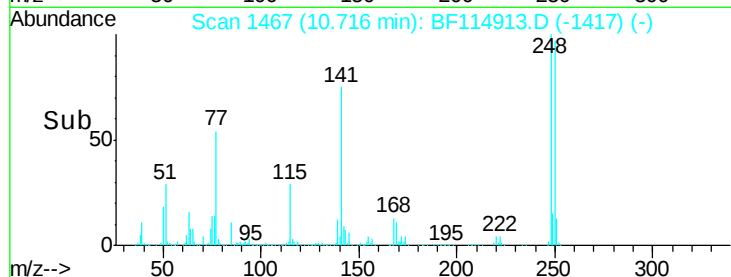
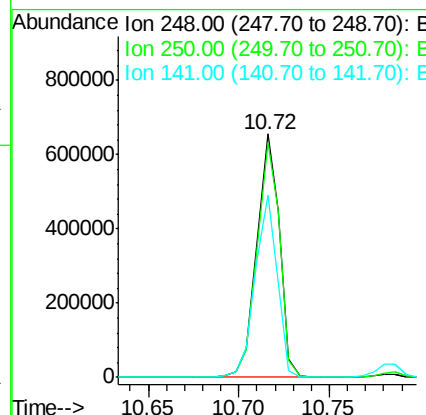
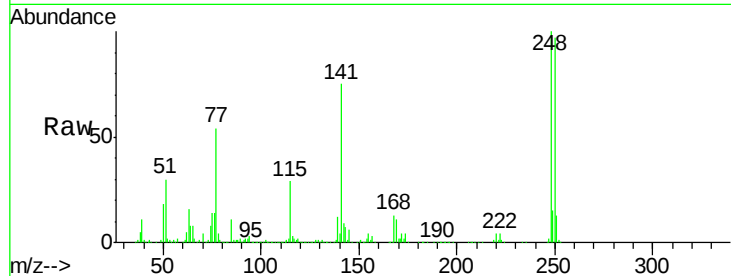




#67
4-Bromophenyl-phenylether
Concen: 50.624 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

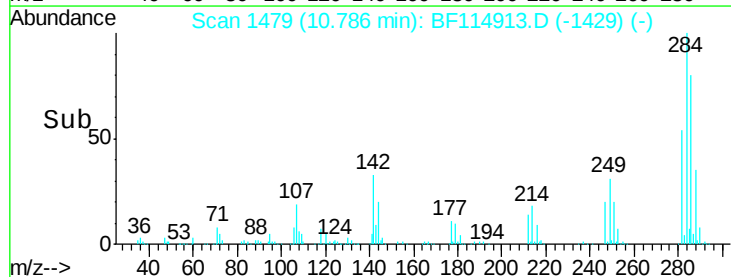
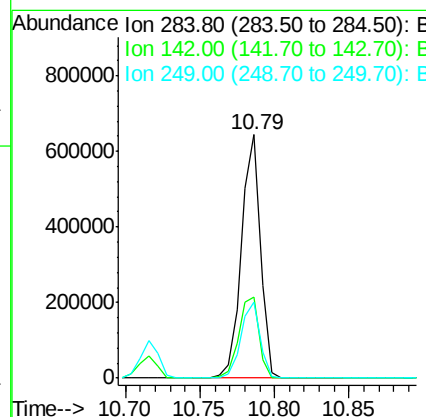
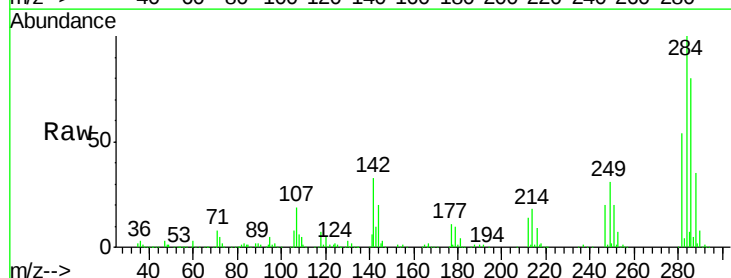
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

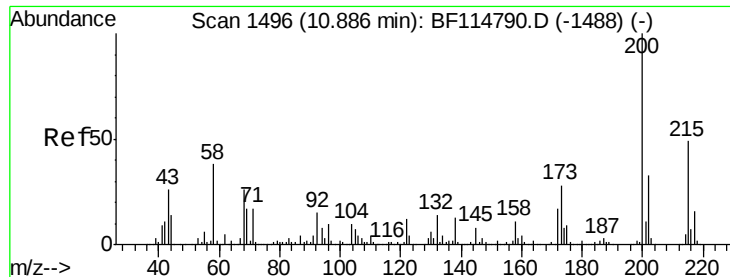
Tot Ion:248 Resp: 567253
Ion Ratio Lower Upper
248 100
250 96.6 77.5 116.3
141 74.7 61.8 92.8



#68
Hexachlorobenzene
Concen: 47.004 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:284 Resp: 576429
Ion Ratio Lower Upper
284 100
142 33.1 25.3 37.9
249 31.2 24.9 37.3





#69

Atrazine

Concen: 50.423 ng

RT: 10.88 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

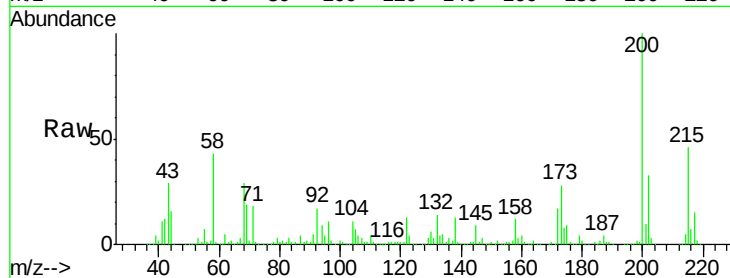
Tot Ion:200 Resp: 523161

Ion Ratio Lower Upper

200 100

173 28.4 8.0 48.0

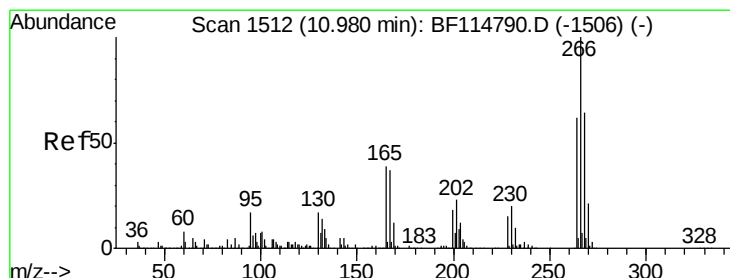
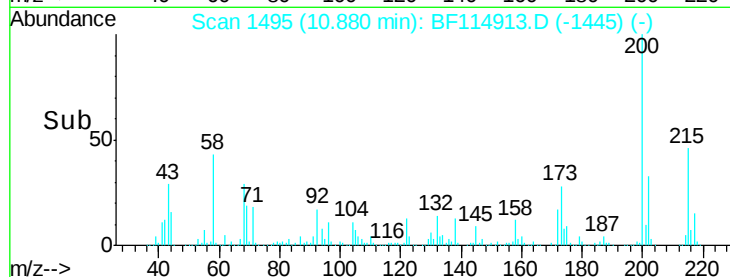
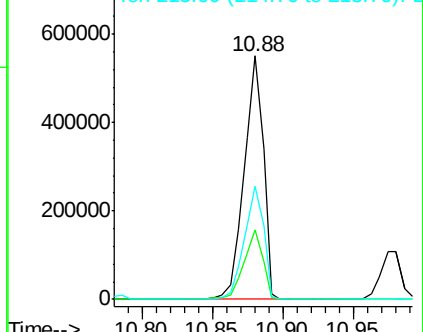
215 46.2 28.7 68.7



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: 85.915 ng

RT: 10.98 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

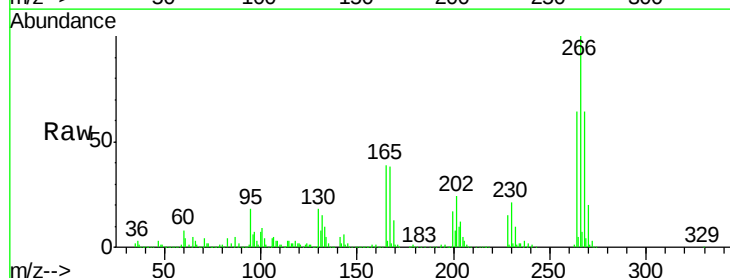
Tgt Ion:266 Resp: 609079

Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

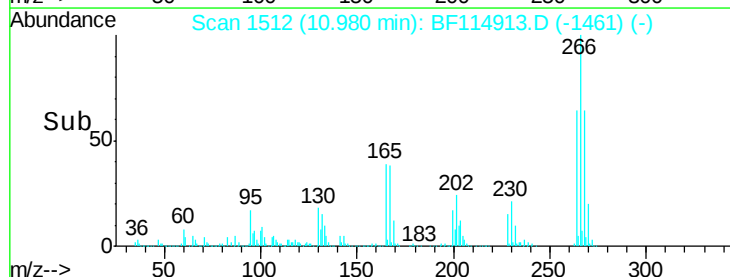
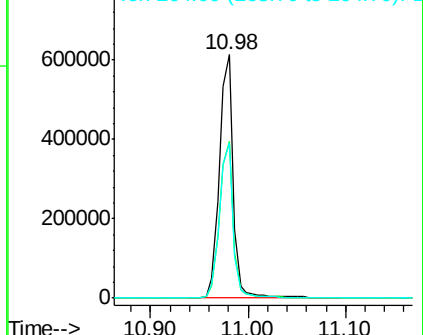
264 63.6 49.6 74.4

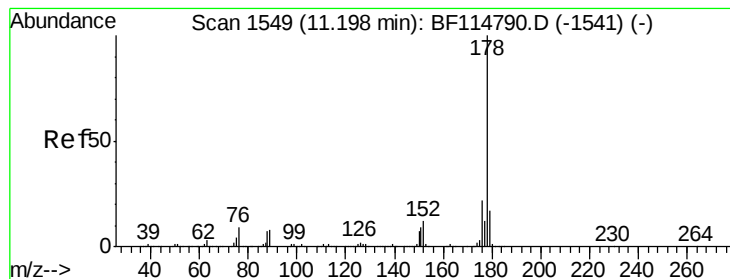


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.536 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

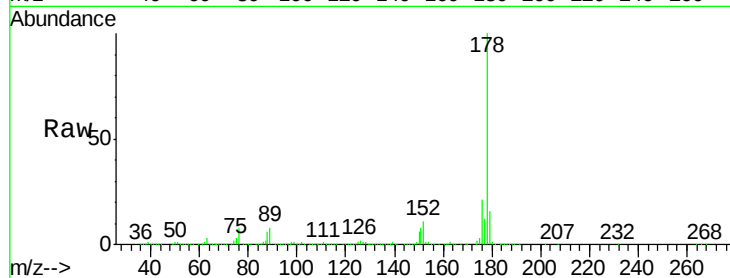
Tot Ion:178 Resp: 2380190

Ion Ratio Lower Upper

178 100

176 21.1 17.7 26.5

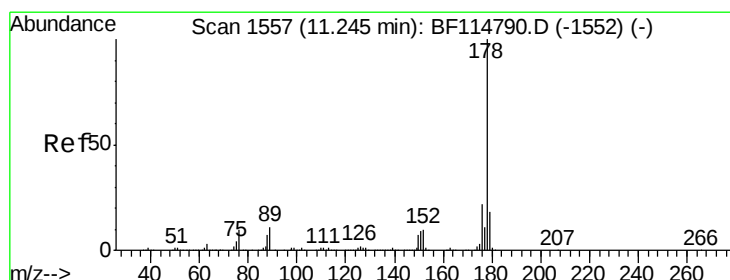
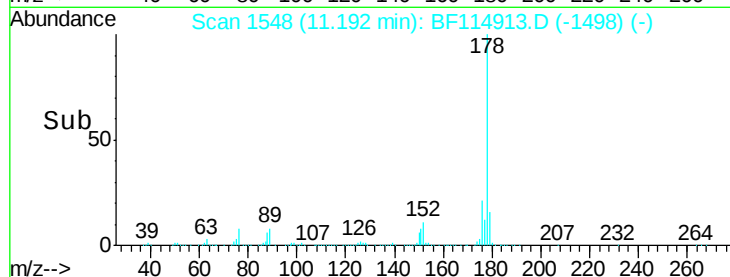
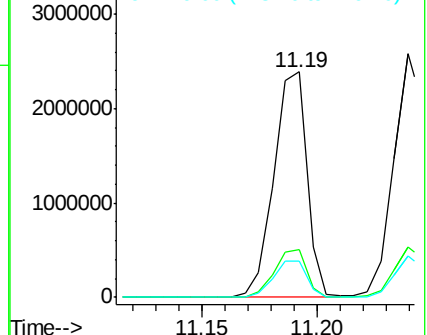
179 16.4 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.425 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

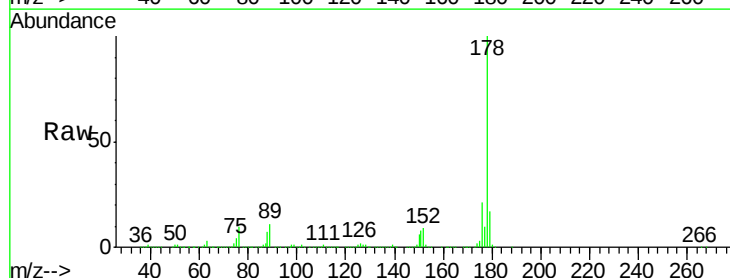
Tgt Ion:178 Resp: 2449871

Ion Ratio Lower Upper

178 100

176 20.8 17.4 26.0

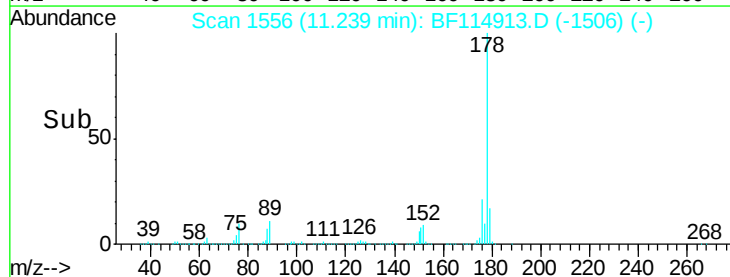
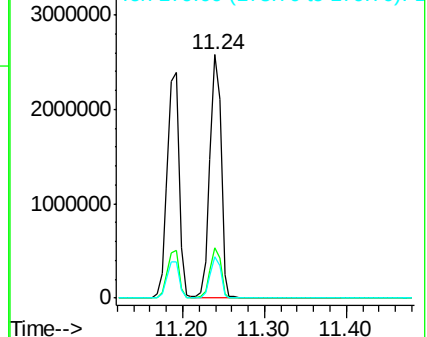
179 17.0 14.2 21.4

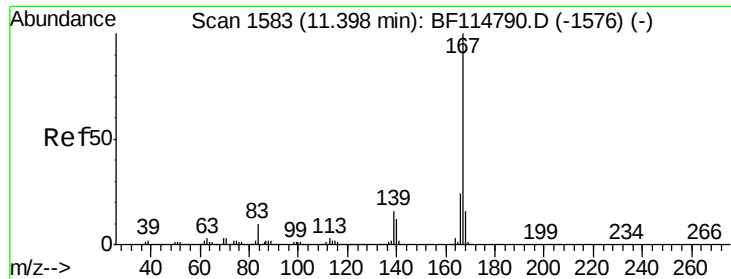


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

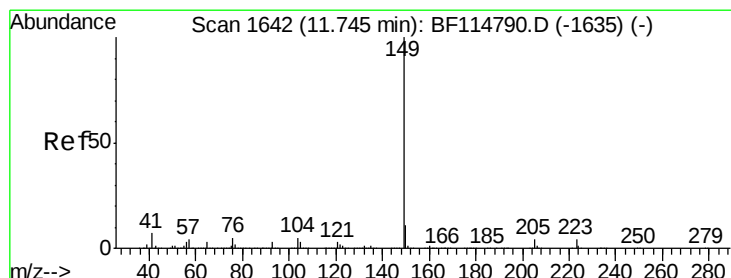
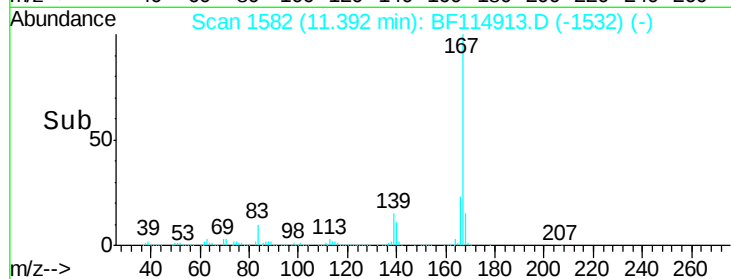
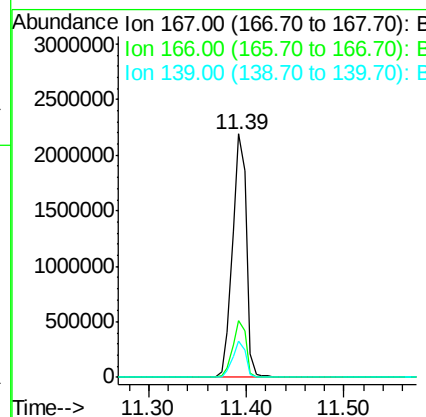
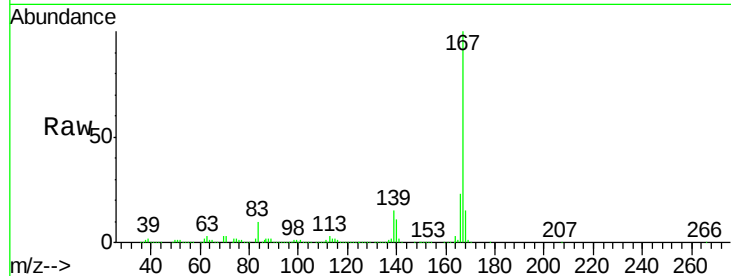




#73
 Carbazole
 Concen: 51.024 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

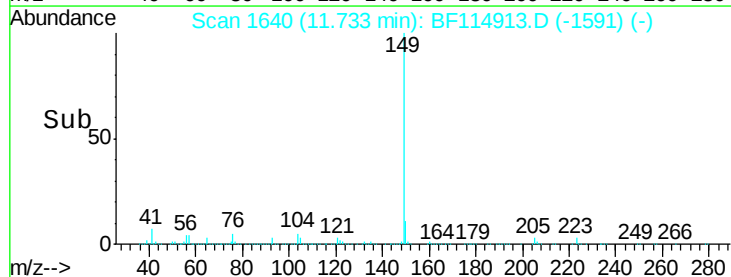
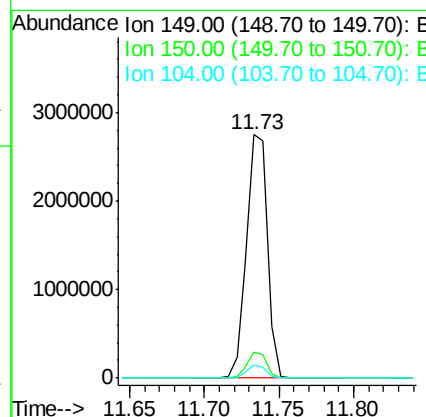
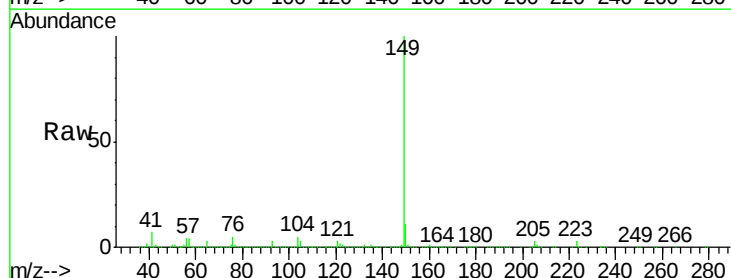
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047MSD

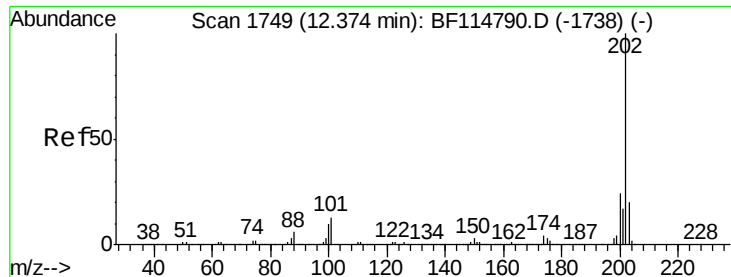
Tot Ion:167 Resp: 2168059
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.1 28.7
 139 14.9 12.4 18.6



#74
 Di-n-butylphthalate
 Concen: 47.872 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114913.D
 Acq: 8 Jun 2019 1:51

Tgt Ion:149 Resp: 2675435
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.9 13.3
 104 5.2 4.3 6.5





#75

Fluoranthene

Concen: 43.790 ng

RT: 12.37 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

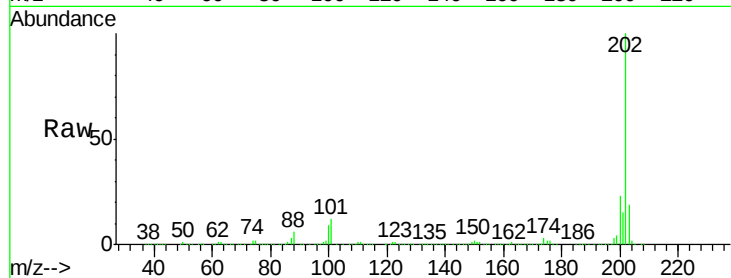
Tot Ion:202 Resp: 2146655

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.8

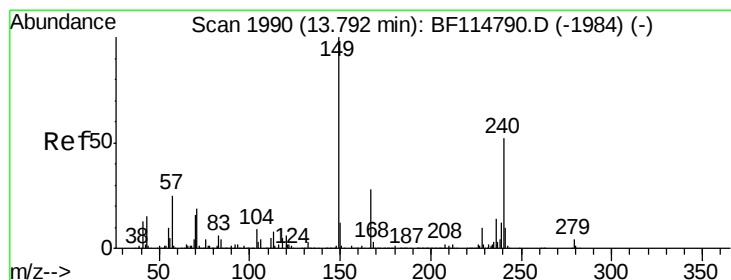
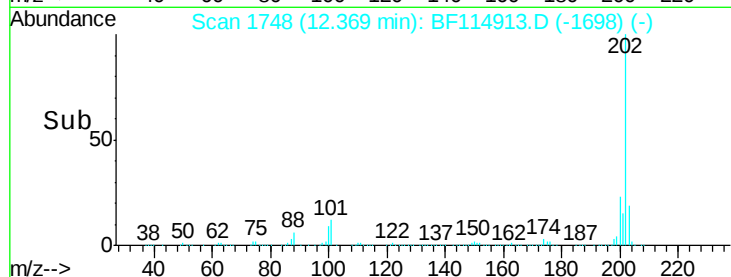
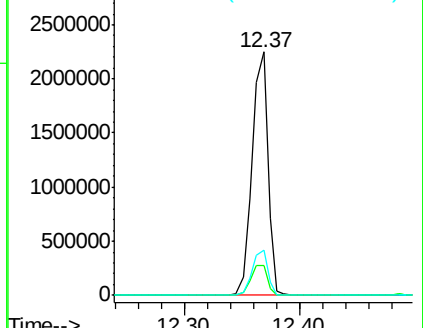
203 18.7 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

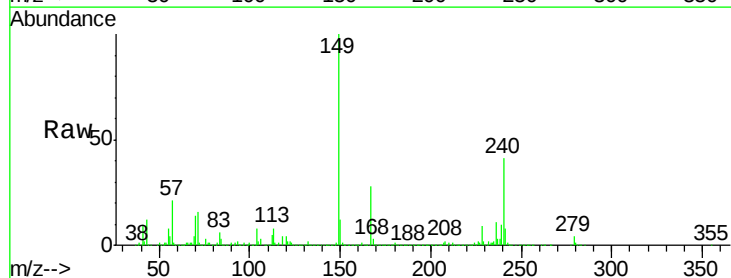
Tgt Ion:240 Resp: 539760

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

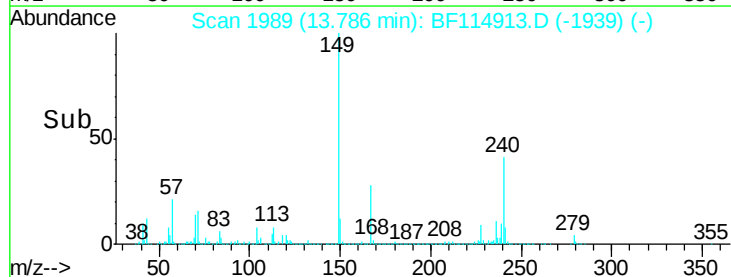
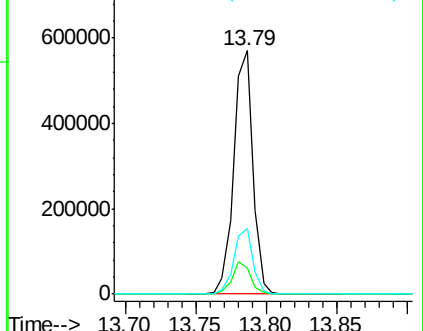
236 27.0 21.4 32.0

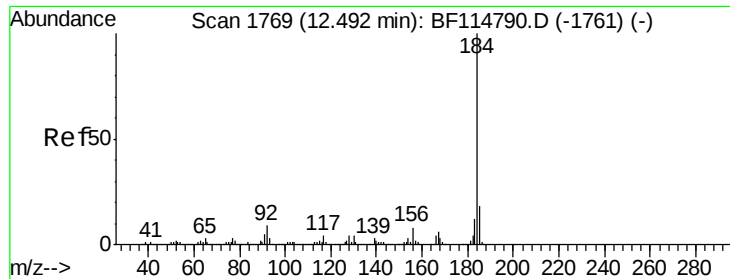


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.824 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

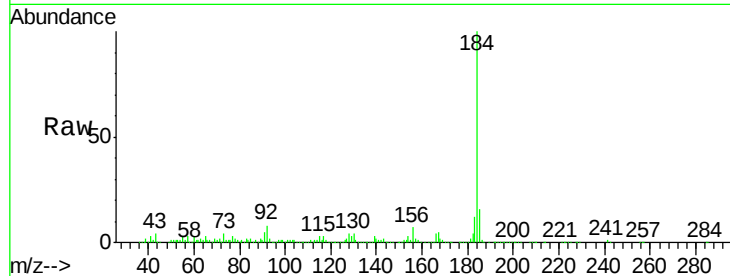
Tot Ion:184 Resp: 1037400

Ion Ratio Lower Upper

184 100

185 15.7 14.1 21.1

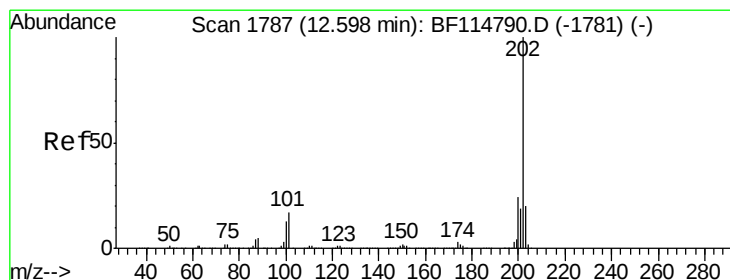
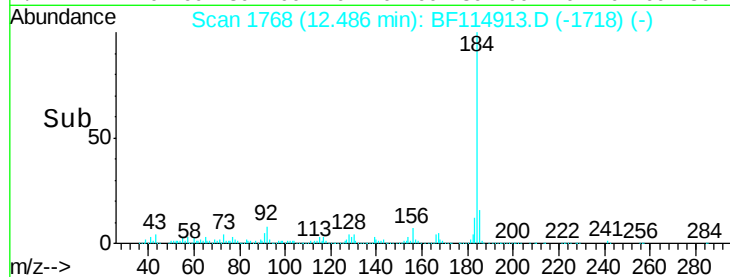
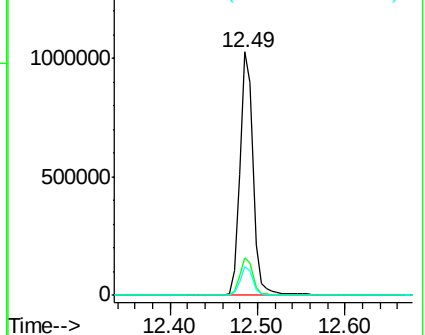
183 11.6 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.159 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

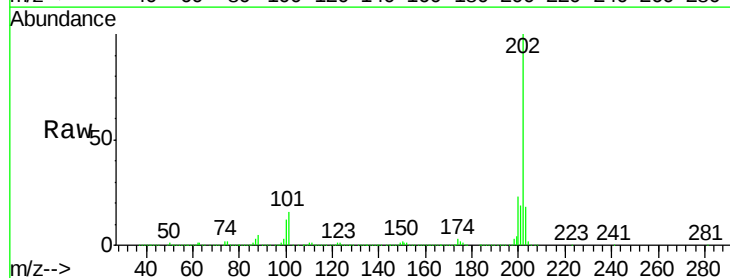
Tgt Ion:202 Resp: 2161364

Ion Ratio Lower Upper

202 100

200 22.5 19.2 28.8

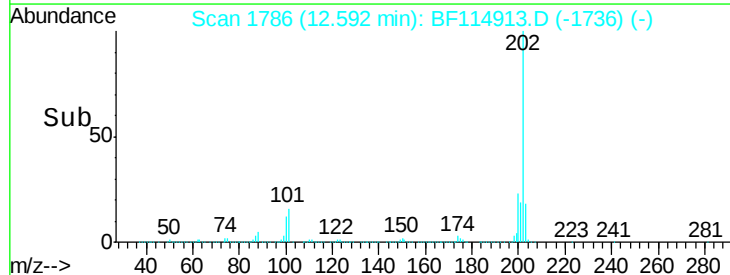
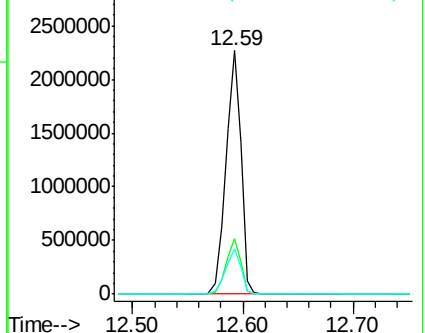
203 18.5 15.9 23.9

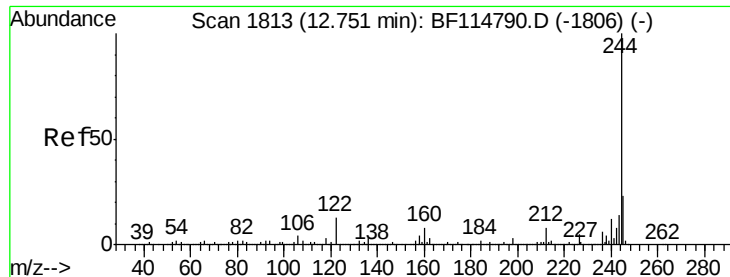


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.901 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

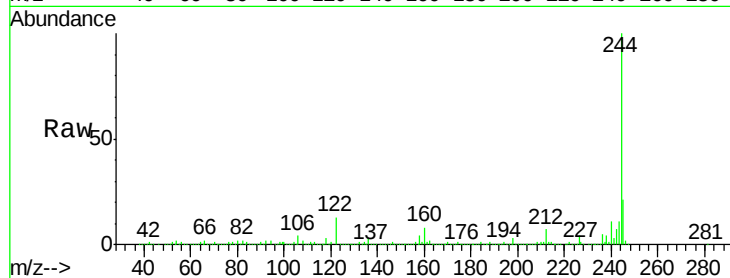
Tot Ion:244 Resp: 2411910

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

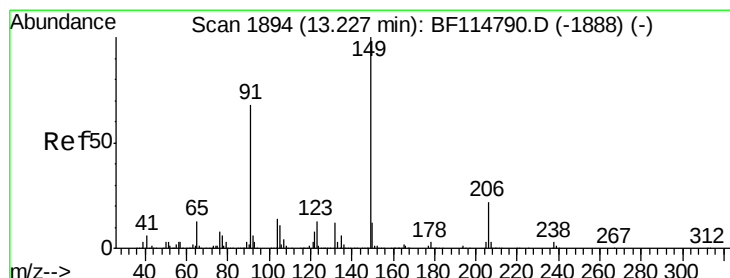
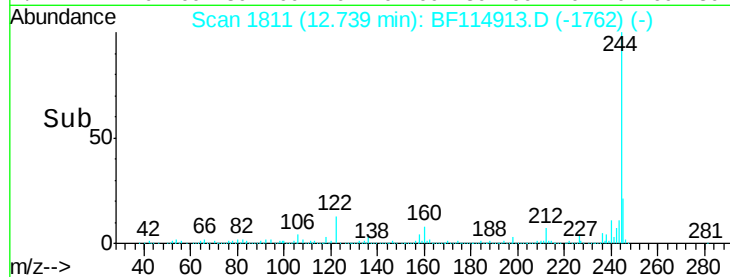
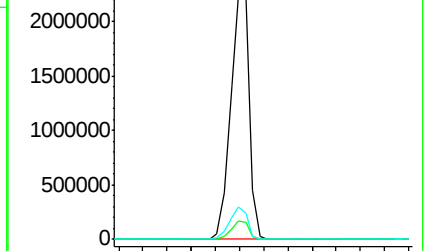
122 13.4 10.5 15.7



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: 43.566 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

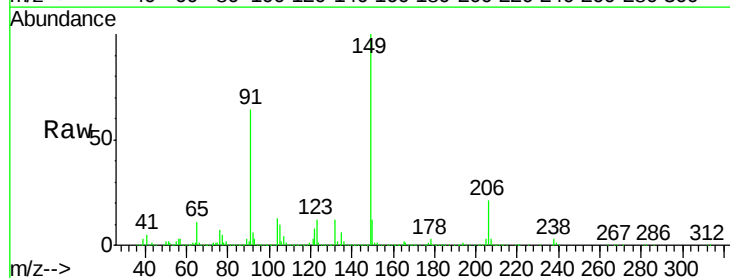
Tgt Ion:149 Resp: 1030132

Ion Ratio Lower Upper

149 100

91 63.6 54.6 82.0

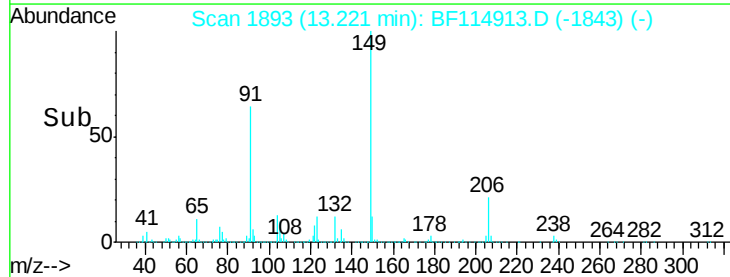
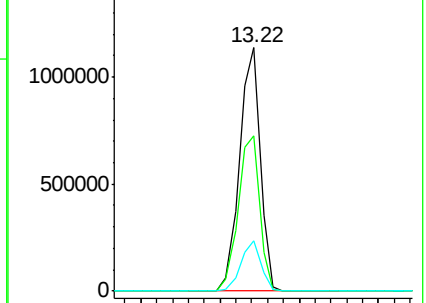
206 20.8 17.2 25.8

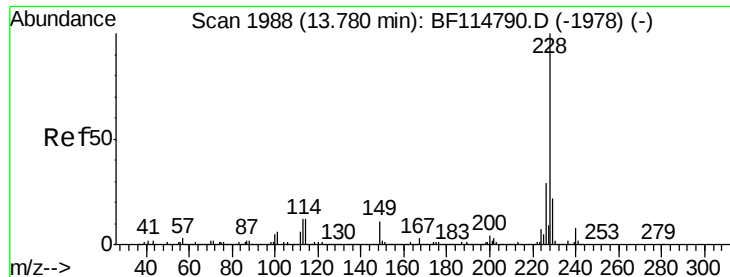


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.183 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

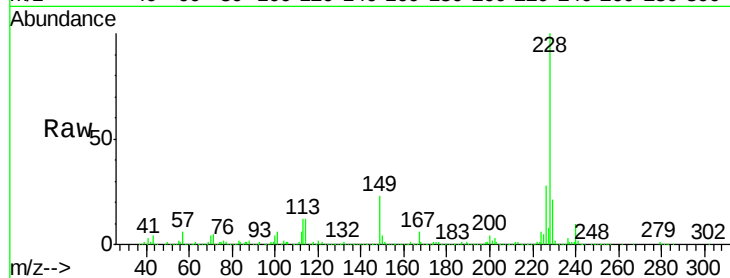
Tot Ion:228 Resp: 1920914

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	20.6	17.4	26.0

228 100

226 28.3 23.4 35.2

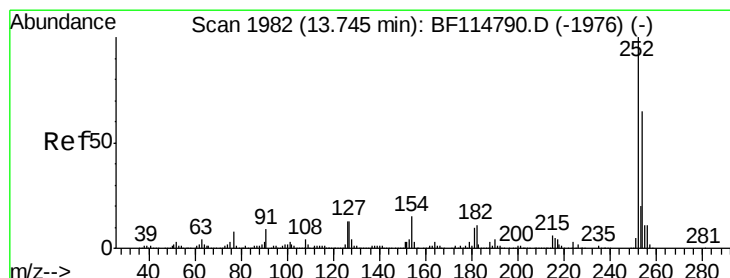
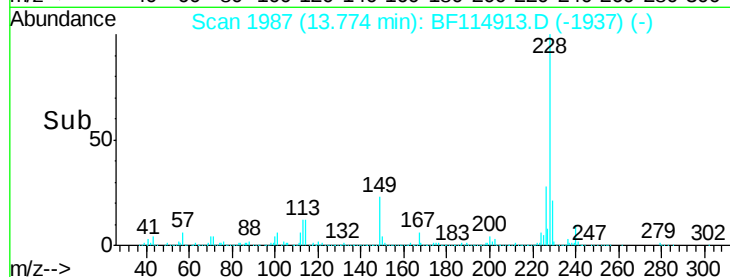
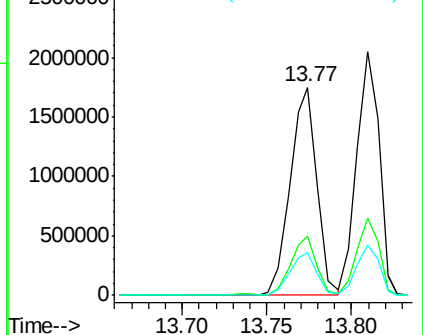
229 20.6 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.460 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

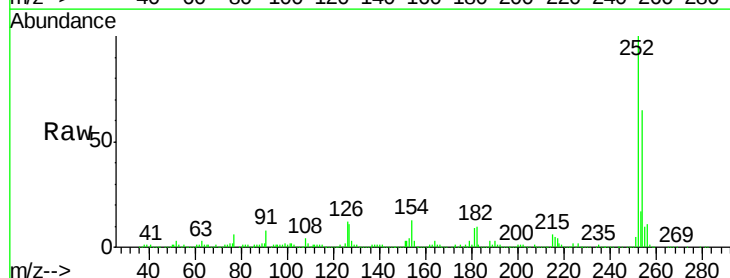
Tgt Ion:252 Resp: 648661

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	11.8	10.5	15.7

252 100

254 65.1 51.9 77.9

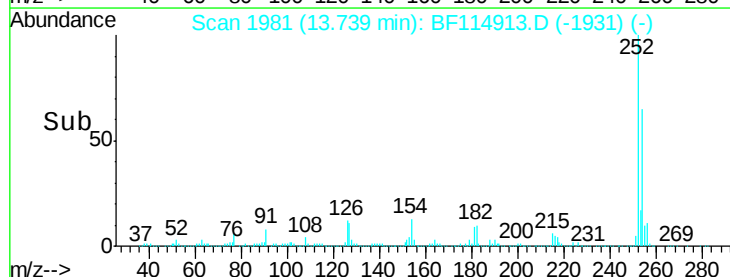
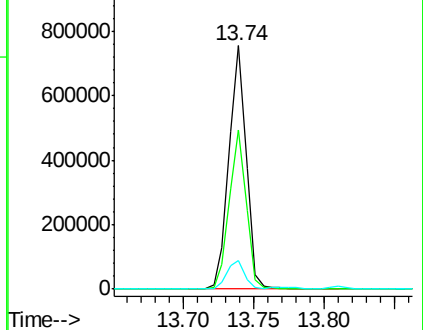
126 11.8 10.5 15.7

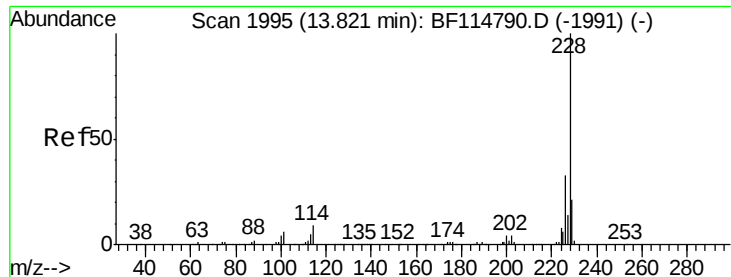


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.843 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

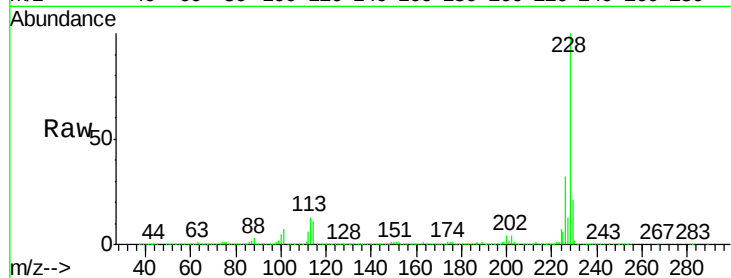
Tot Ion:228 Resp: 1895374

Ion Ratio Lower Upper

228 100

226 31.6 26.0 39.0

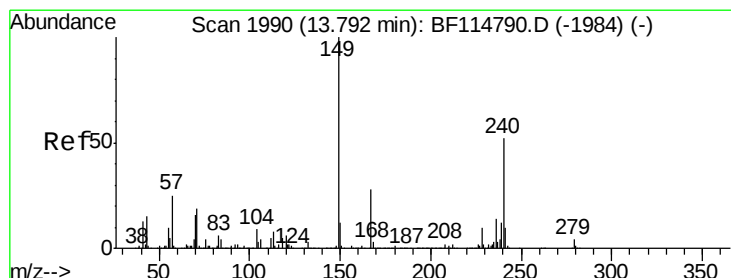
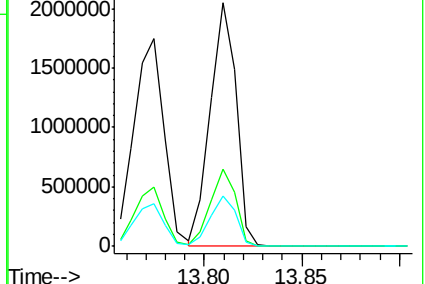
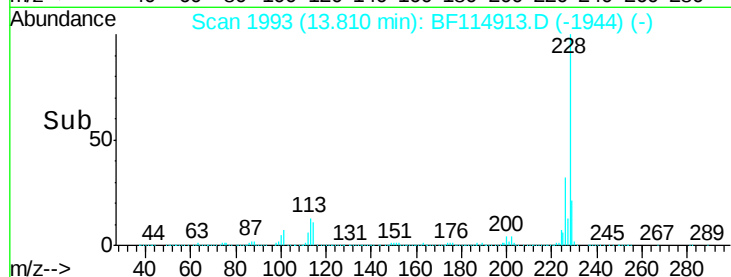
229 20.5 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.318 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

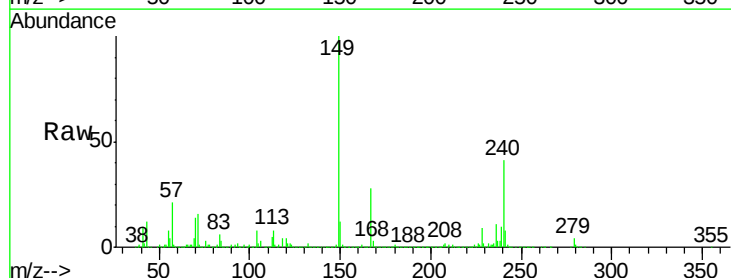
Tgt Ion:149 Resp: 1265285

Ion Ratio Lower Upper

149 100

167 28.0 22.7 34.1

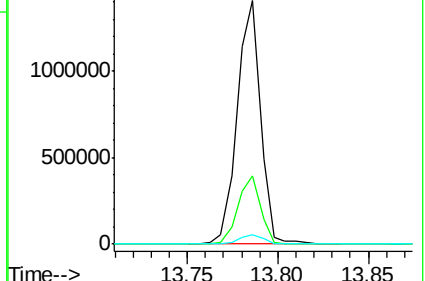
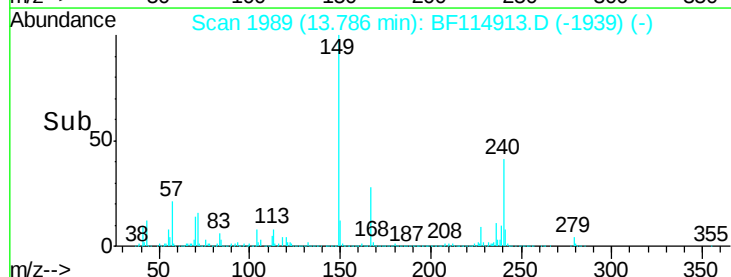
279 4.1 3.1 4.7

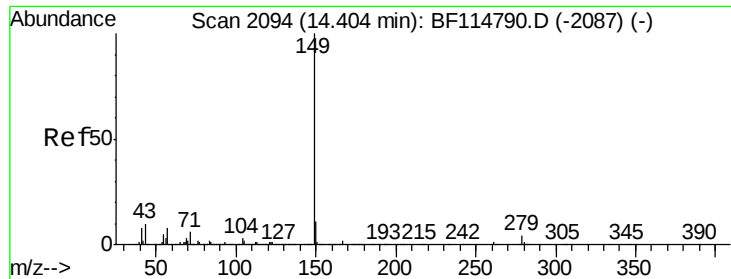


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.839 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

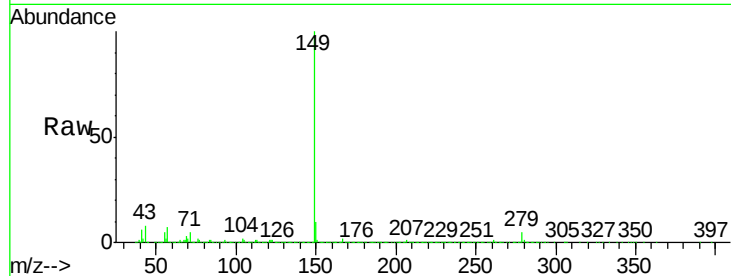
Tot Ion:149 Resp: 2278015

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

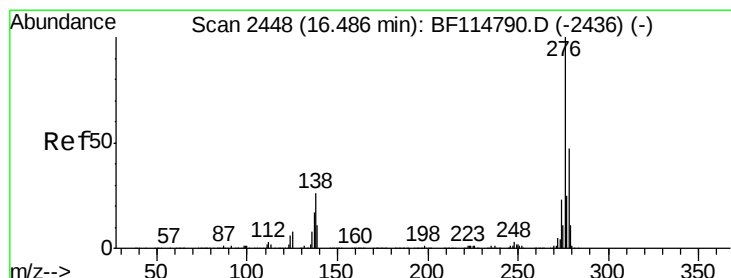
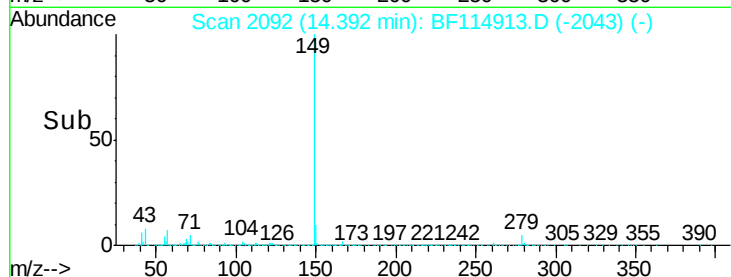
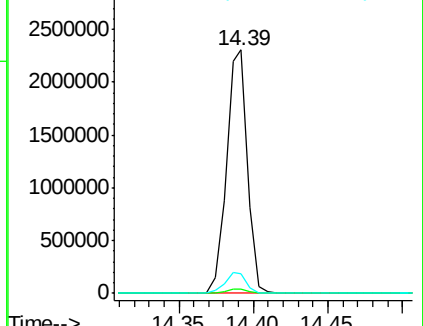
43 8.2 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.871 ng

RT: 16.46 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

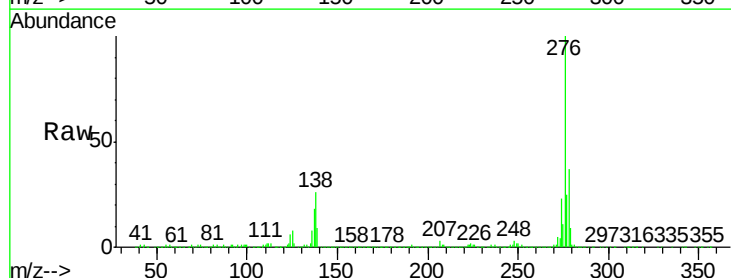
Tgt Ion:276 Resp: 1656065

Ion Ratio Lower Upper

276 100

138 28.8 22.2 33.4

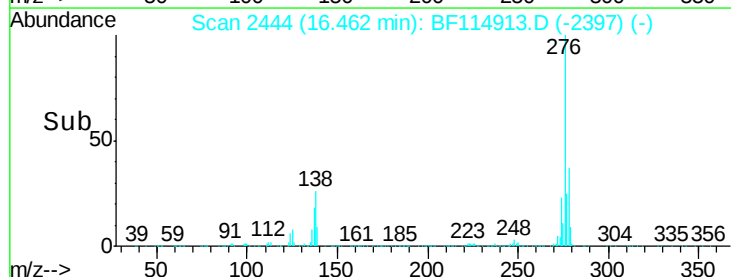
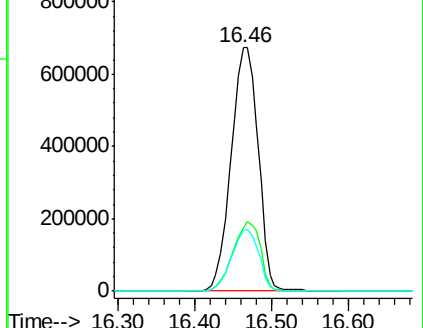
277 25.4 20.6 30.8

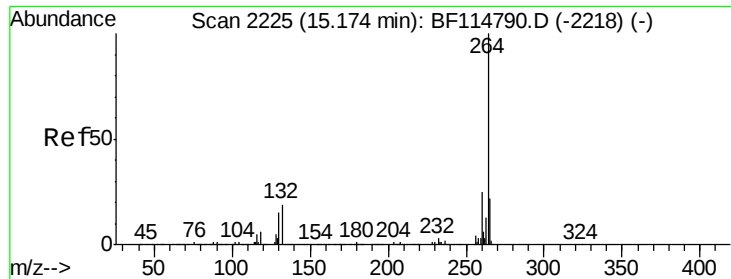


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

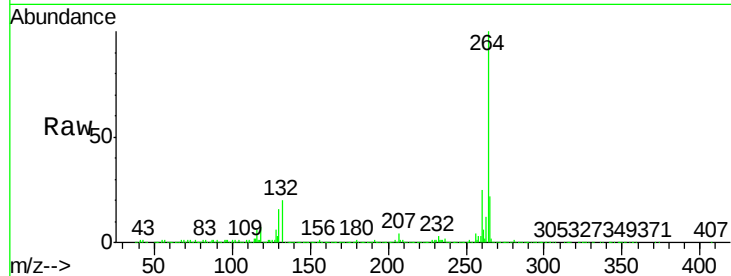
Tot Ion:264 Resp: 629078

Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

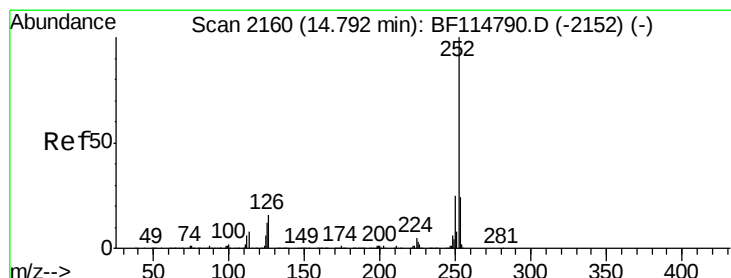
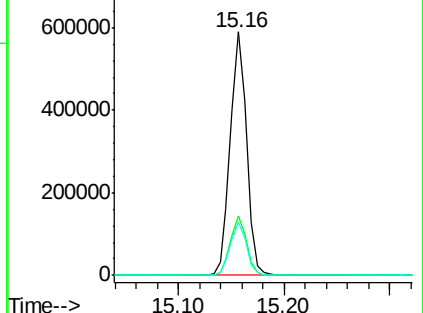
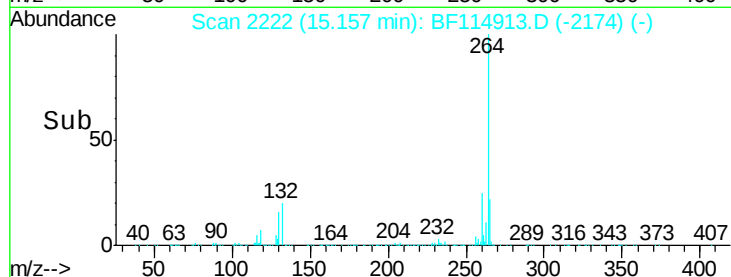
265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.216 ng

RT: 14.78 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

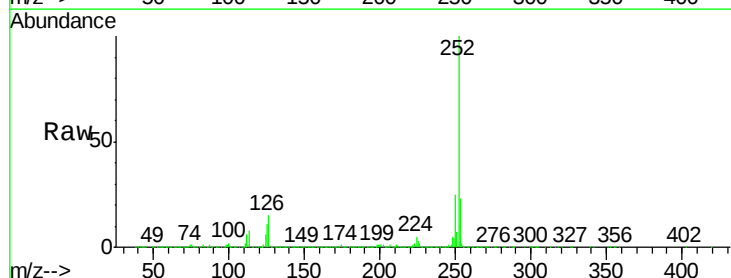
Tgt Ion:252 Resp: 2011036

Ion Ratio Lower Upper

252 100

253 22.9 19.0 28.6

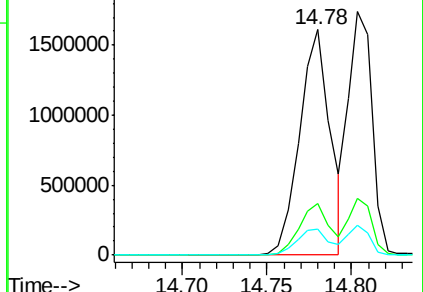
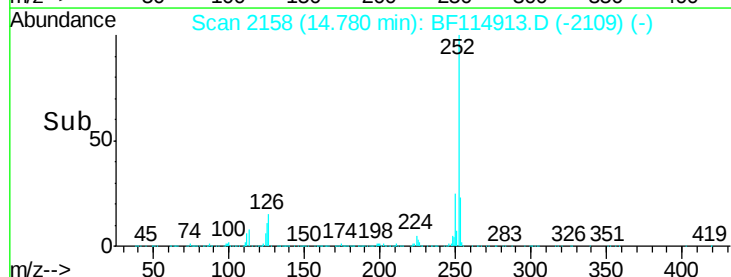
125 11.4 9.4 14.0

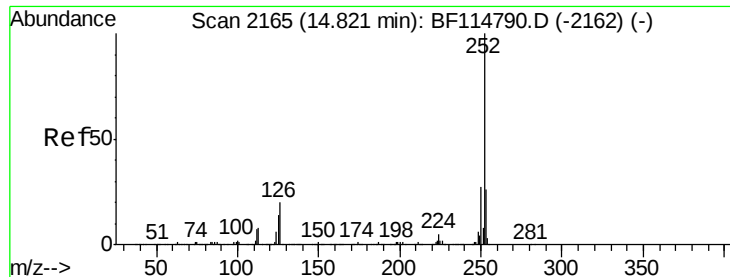


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

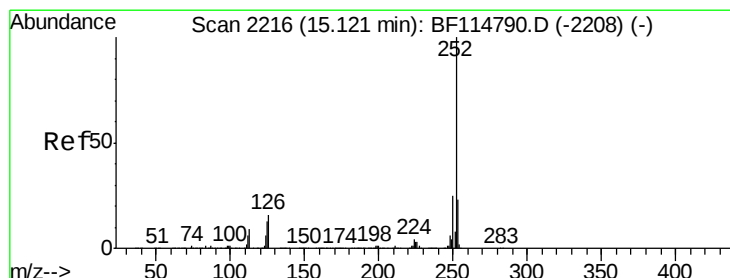
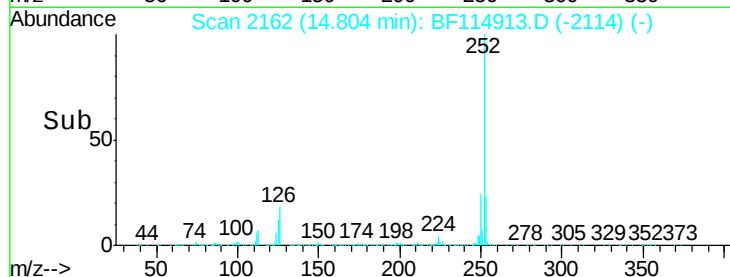
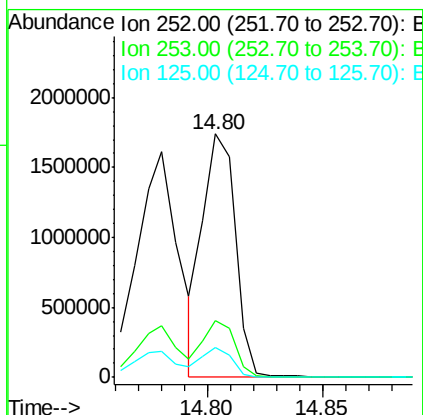
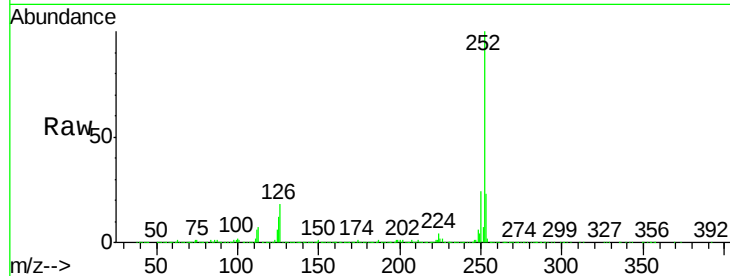




#89
Benzo(k)fluoranthene
Concen: 50.091 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

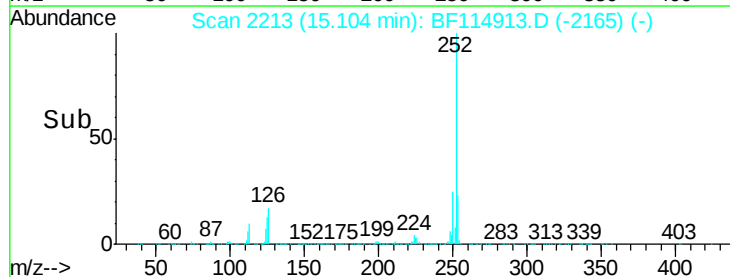
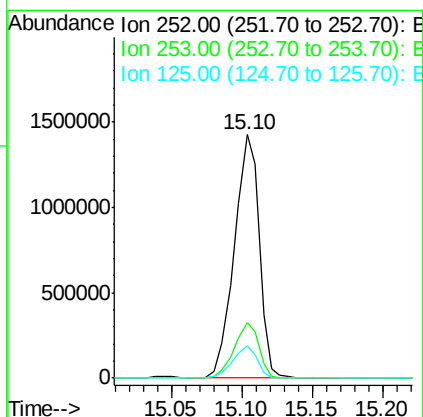
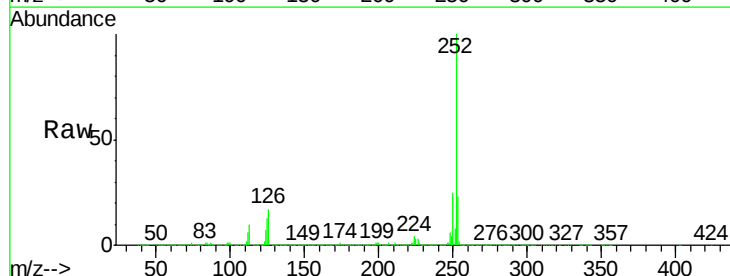
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047MSD

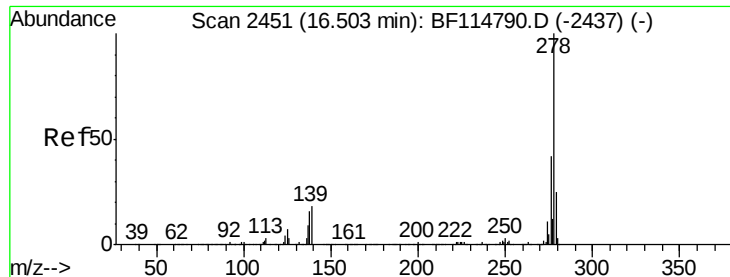
Tot Ion:252 Resp: 1703586
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 12.4 10.1 15.1



#90
Benzo(a)pyrene
Concen: 50.418 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF114913.D
Acq: 8 Jun 2019 1:51

Tgt Ion:252 Resp: 1747635
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 13.3 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 42.265 ng

RT: 16.48 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047MSD

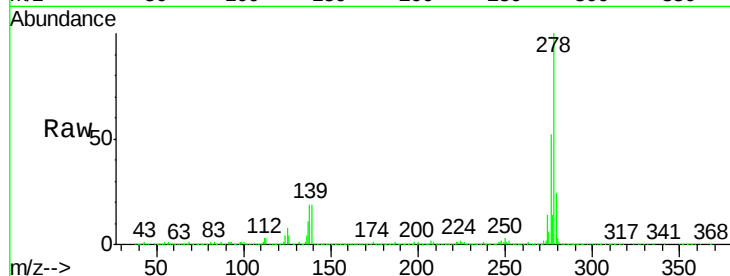
Tot Ion:278 Resp: 1387399

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.6	22.0
279	24.4	20.1	30.1

278 100

139 19.2 14.6 22.0

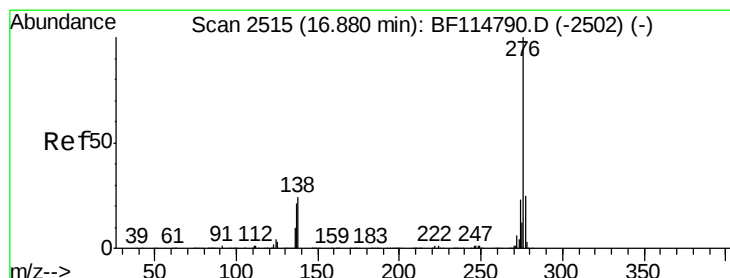
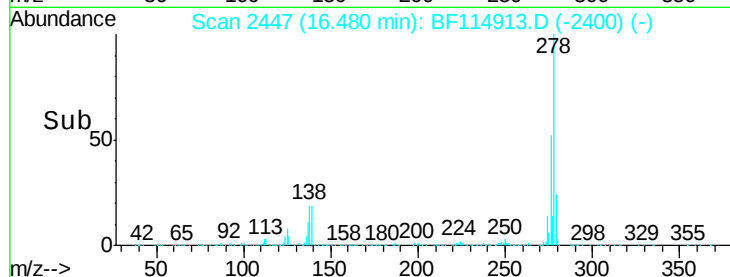
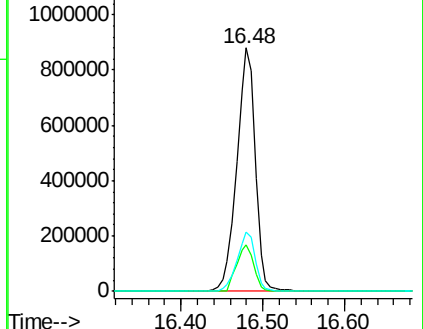
279 24.4 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.455 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BF114913.D

Acq: 8 Jun 2019 1:51

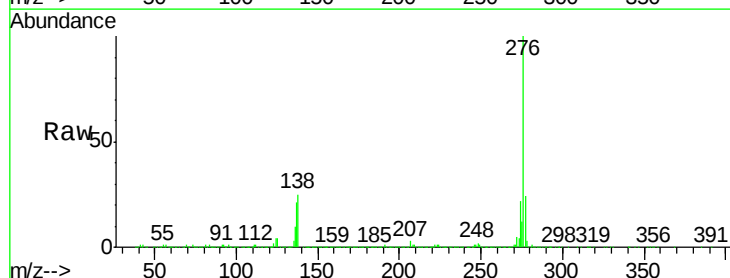
Tgt Ion:276 Resp: 1335445

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.6
138	25.0	19.4	29.2

276 100

277 23.7 19.8 29.6

138 25.0 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

