

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
 Data File : BF109479.D
 Acq On : 1 Oct 2018 18:12
 Operator : JU/SJ
 Sample : J5145-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Quant Time: Oct 02 03:41:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104385	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	375391	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	159679	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	270055	20.00	ng	0.00
75) Chrysene-d12	13.84	240	223574	20.00	ng	0.00
86) Perylene-d12	15.24	264	174735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	639547	100.91	ng	0.02
7) Phenol-d6	6.36	99	768894	95.08	ng	0.00
23) Nitrobenzene-d5	7.27	82	491443	77.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	159191	101.13	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	786892	74.32	ng	-0.01
78) Terphenyl-d14	12.80	244	665899	73.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	81257	27.839	ng	89
3) Pyridine	3.13	79	197613	26.305	ng	90
4) n-Nitrosodimethylamine	3.05	42	102268	31.989	ng	# 100
6) Aniline	6.37	93	253043	24.457	ng	# 23
8) 2-Chlorophenol	6.50	128	229573	32.575	ng	95
9) Benzaldehyde	6.25	77	113221	21.794	ng	99
10) Phenol	6.37	94	284388	31.053	ng	# 66
11) bis(2-Chloroethyl)ether	6.45	93	216142	30.161	ng	96
12) 1,3-Dichlorobenzene	6.65	146	252280	31.090	ng	98
13) 1,4-Dichlorobenzene	6.72	146	257511	31.501	ng	99
14) 1,2-Dichlorobenzene	6.88	146	235644	31.248	ng	96
15) Benzyl Alcohol	6.86	79	195918	31.650	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	301762	29.687	ng	77
17) 2-Methylphenol	6.97	107	183900	32.249	ng	# 94
18) Hexachloroethane	7.22	117	76751	26.649	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	161183	30.417	ng	99
20) 3+4-Methylphenols	7.13	107	232346	33.748	ng	92
22) Acetophenone	7.12	105	322489	37.158	ng	99
24) Nitrobenzene	7.29	77	239181	35.374	ng	96
25) Isophorone	7.53	82	430404	37.586	ng	97
26) 2-Nitrophenol	7.60	139	97602	36.501	ng	98
27) 2,4-Dimethylphenol	7.65	122	196841	39.450	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	273723	36.110	ng	99
29) 2,4-Dichlorophenol	7.85	162	183020	34.912	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	193359	33.008	ng	96
31) Naphthalene	8.01	128	625937	35.682	ng	99
32) Benzoic acid	7.75	122	30413	14.496	ng	97
33) 4-Chloroaniline	8.06	127	181068	23.628	ng	97
34) Hexachlorobutadiene	8.13	225	116351	32.948	ng	98
35) Caprolactam	8.42	113	55079	32.908	ng	# 83
36) 4-Chloro-3-methylphenol	8.55	107	182143	33.018	ng	100
37) 2-Methylnaphthalene	8.70	142	407055	35.996	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	184799	36.365	ng	98
40) Hexachlorocyclopentadiene	8.86	237	32111	14.487	ng	98

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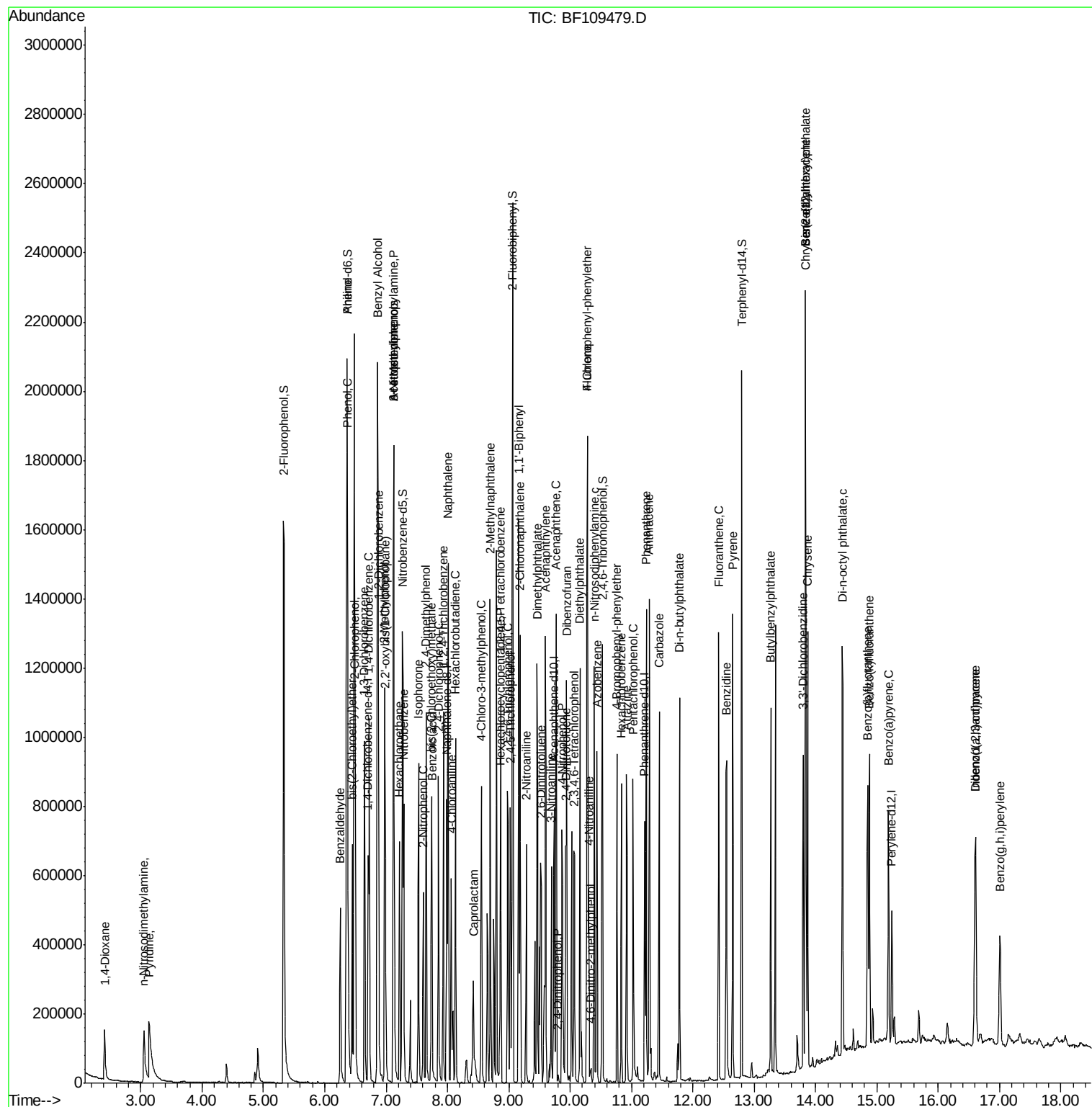
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	118934	36.465	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	124289	36.082	ng	94
45) 1,1'-Biphenyl	9.16	154	473608	36.403	ng	97
46) 2-Chloronaphthalene	9.19	162	355561	34.210	ng	98
47) 2-Nitroaniline	9.29	65	114414	38.827	ng	97
48) Acenaphthylene	9.60	152	548380	34.975	ng	100
49) Dimethylphthalate	9.46	163	498507	42.923	ng	100
50) 2,6-Dinitrotoluene	9.53	165	81921	35.615	ng	93
51) Acenaphthene	9.77	154	313607	33.082	ng	98
52) 3-Nitroaniline	9.69	138	89752	33.693	ng	97
53) 2,4-Dinitrophenol	9.80	184	3338	12.159	ng #	26
54) Dibenzofuran	9.95	168	461423	32.730	ng	100
55) 4-Nitrophenol	9.87	139	119770	59.686	ng	91
56) 2,4-Dinitrotoluene	9.93	165	98089	33.703	ng #	98
57) Fluorene	10.29	166	346127	34.410	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	95281	34.934	ng #	87
59) Diethylphthalate	10.16	149	407997	34.691	ng	98
60) 4-Chlorophenyl-phenylether	10.27	204	169003	32.167	ng	98
61) 4-Nitroaniline	10.30	138	89439	34.429	ng	96
62) Azobenzene	10.44	77	367683	30.091	ng	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	4913	10.448	ng	90
65) n-Nitrosodiphenylamine	10.40	169	324794	36.402	ng	97
66) 4-Bromophenyl-phenylether	10.76	248	104672	34.904	ng	91
67) Hexachlorobenzene	10.83	284	109229	34.295	ng	93
68) Atrazine	10.92	200	101942	37.149	ng	98
69) Pentachlorophenol	11.03	266	108665	57.005	ng	98
70) Phenanthrene	11.24	178	477326	35.400	ng	98
71) Anthracene	11.29	178	496745	36.322	ng	99
72) Carbazole	11.45	167	448599	32.968	ng	98
73) Di-n-butylphthalate	11.78	149	574921	36.702	ng	99
74) Fluoranthene	12.42	202	517177	35.891	ng	97
76) Benzidine	12.55	184	417161	51.751	ng	97
77) Pyrene	12.65	202	519751	32.437	ng	99
79) Butylbenzylphthalate	13.27	149	242820	35.620	ng	97
80) Benzo(a)anthracene	13.84	228	441387	32.777	ng	98
81) 3,3'-Dichlorobenzidine	13.80	252	182309	35.622	ng	98
82) Chrysene	13.87	228	438588	32.859	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	325662	37.880	ng	98
84) Di-n-octyl phthalate	14.44	149	572831	38.969	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	303146	28.020	ng #	93
87) Benzo(b)fluoranthene	14.85	252	342904	35.713	ng	98
88) Benzo(k)fluoranthene	14.88	252	338148	37.114	ng #	96
89) Benzo(a)pyrene	15.19	252	305645	35.327	ng	97
90) Dibenzo(a,h)anthracene	16.62	278	255433	35.987	ng #	95
91) Benzo(g,h,i)perylene	17.01	276	249101	35.709	ng #	90

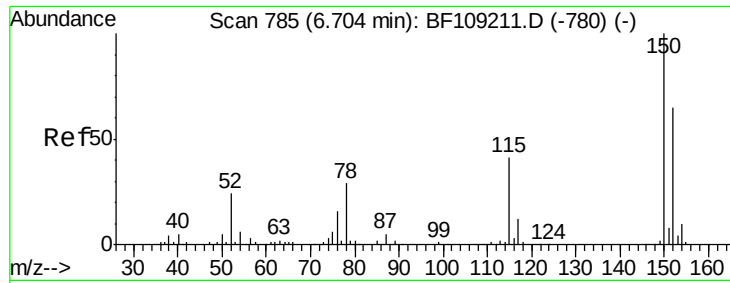
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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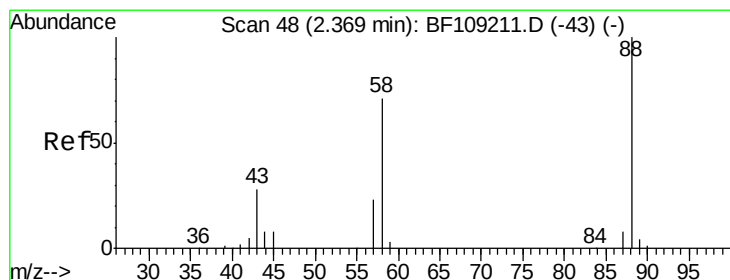
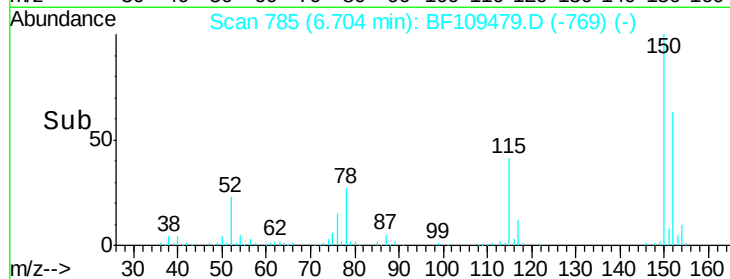
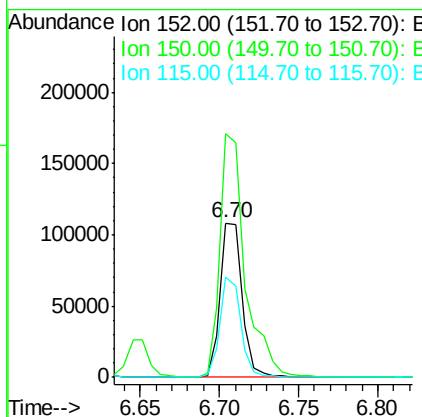
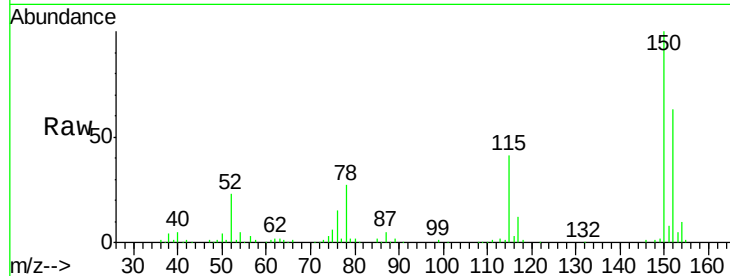




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

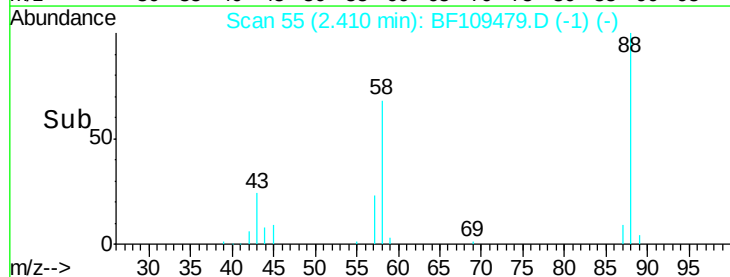
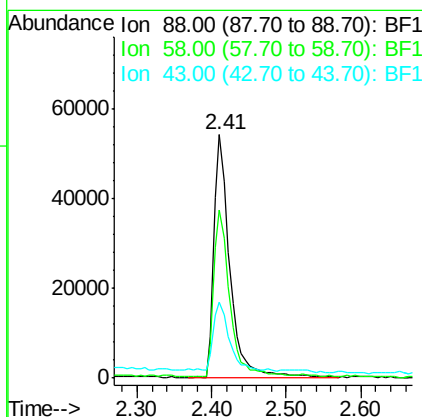
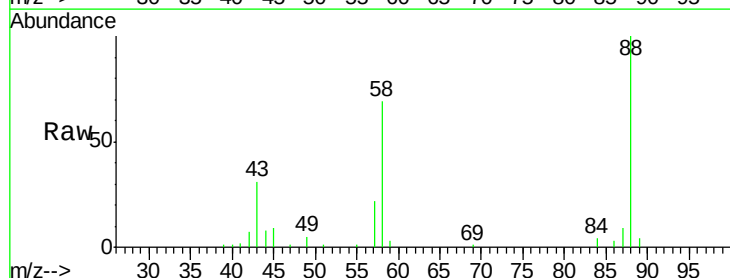
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

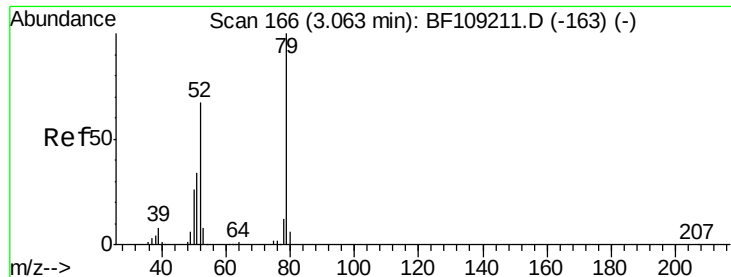
Tgt Ion: 152 Resp: 104385
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 64.8 50.1 75.1



#2
 1,4-Dioxane
 Concen: 27.839 ng
 RT: 2.41 min Scan# 55
 Delta R.T. 0.04 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion: 88 Resp: 81257
 Ion Ratio Lower Upper
 88 100
 58 66.9 62.6 93.8
 43 26.5 24.6 37.0





#3

Pyridine

Concen: 26.305 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.07 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

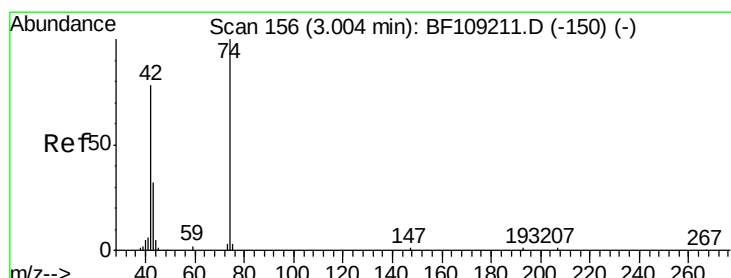
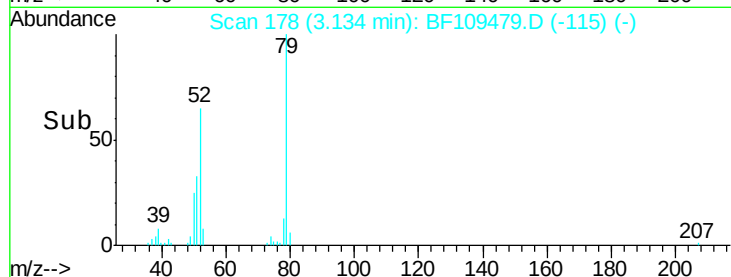
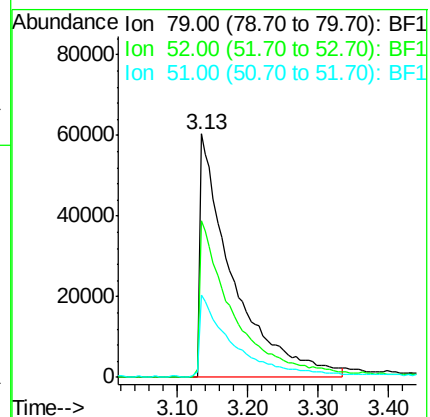
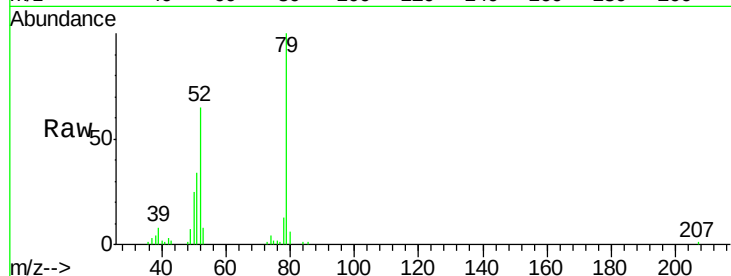
Tgt Ion: 79 Resp: 197613

Ion Ratio Lower Upper

79 100

52 64.5 59.8 89.6

51 34.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.989 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.03 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

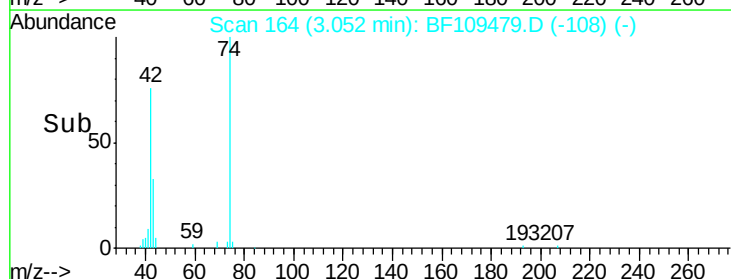
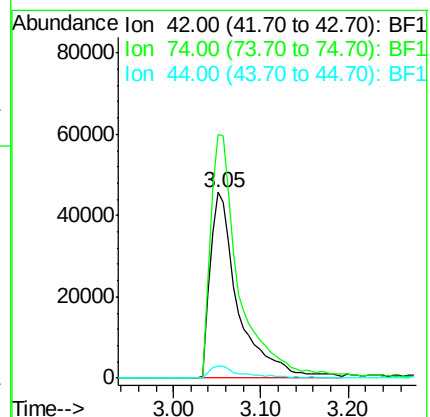
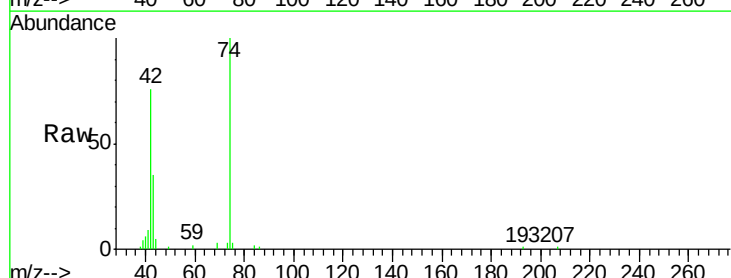
Tgt Ion: 42 Resp: 102268

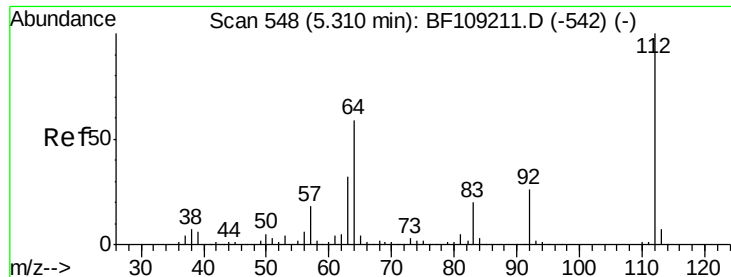
Ion Ratio Lower Upper

42 100

74 131.2 104.9 157.3

44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 100.913 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

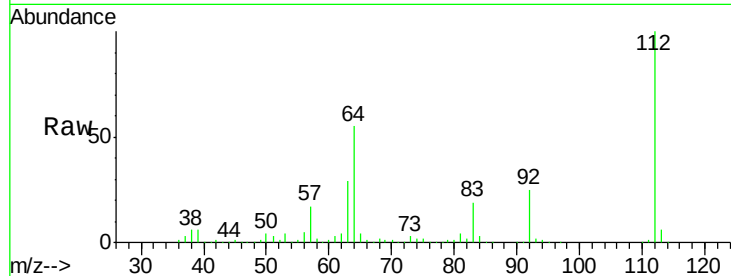
Instrument :

BNA_F

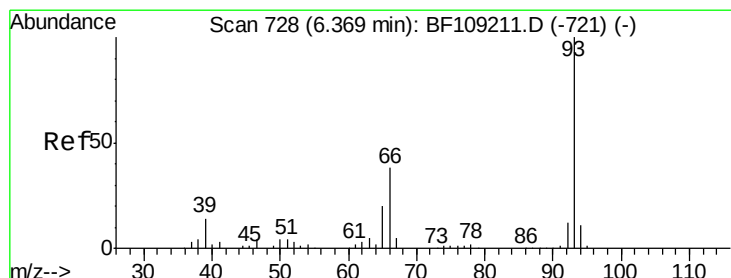
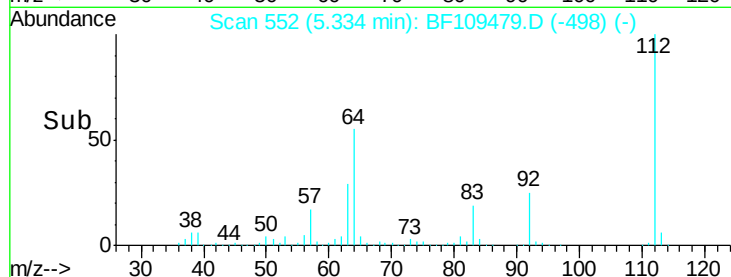
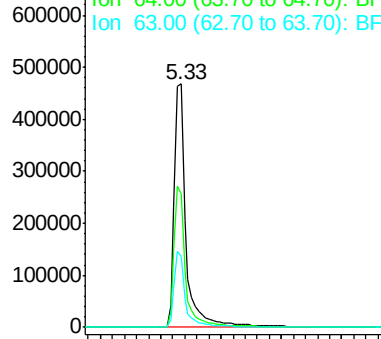
ClientSampleId :

FK-PS-01-042MSD

Tgt Ion:	112	Resp:	639547
Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	29.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 24.457 ng

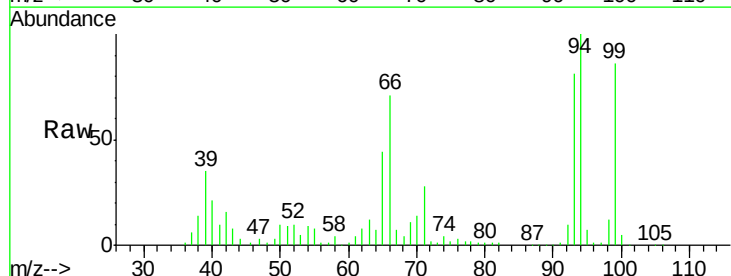
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

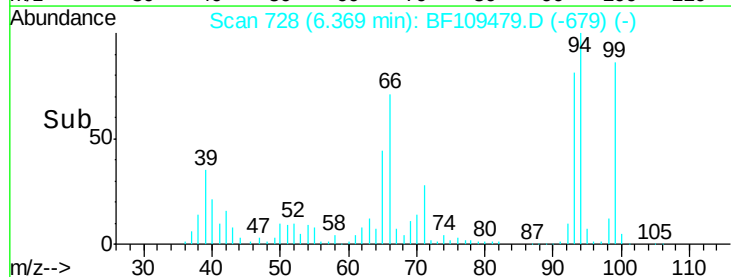
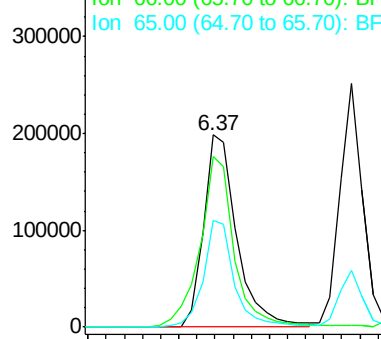
Lab File: BF109479.D

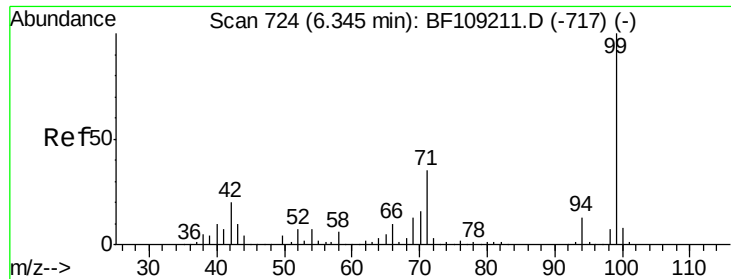
Acq: 1 Oct 2018 18:12

Tgt Ion:	93	Resp:	253043
Ion	Ratio	Lower	Upper
93	100		
66	88.7	32.2	48.2#
65	55.2	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 95.078 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109479.D

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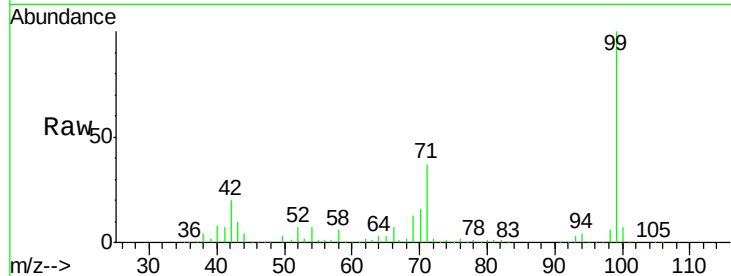
Tgt Ion: 99 Resp: 768894

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

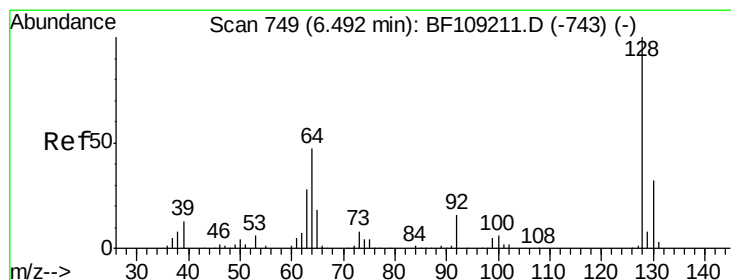
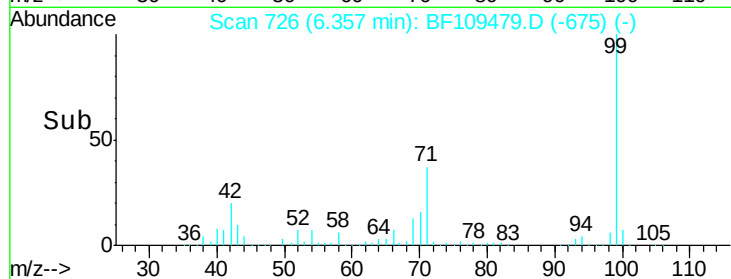
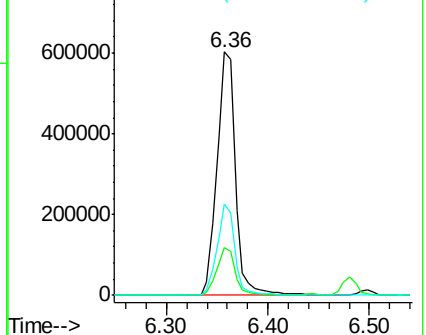
71 37.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.575 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

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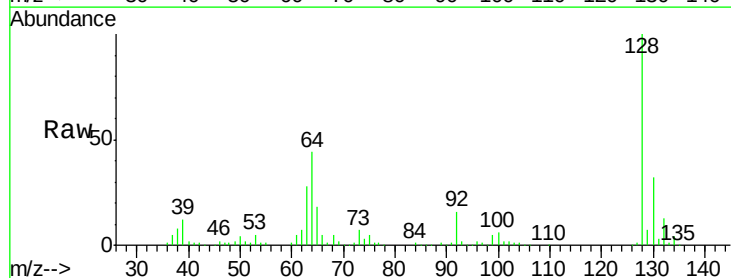
Tgt Ion: 128 Resp: 229573

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

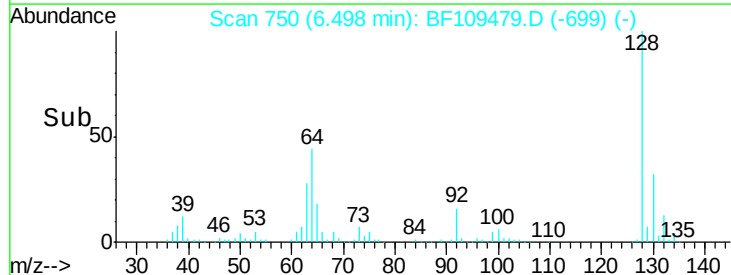
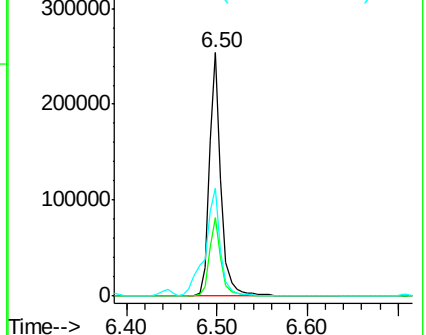
64 44.4 29.4 69.4

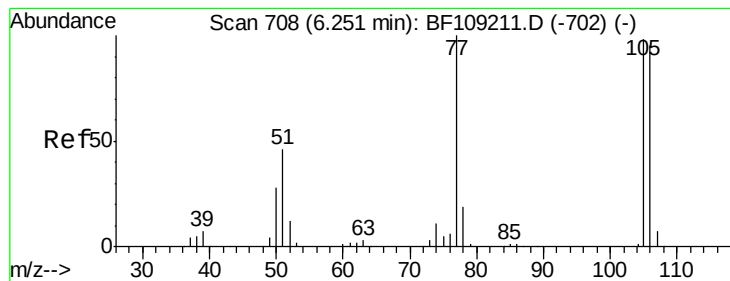


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.794 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

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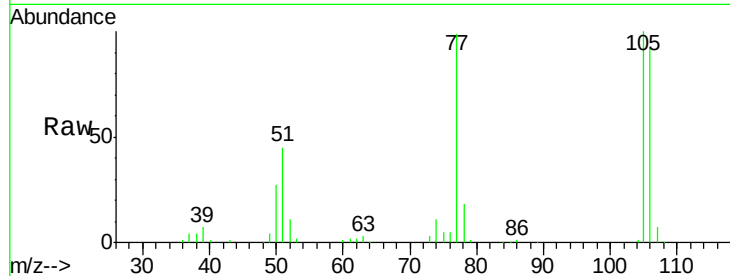
Tgt Ion: 77 Resp: 113221

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

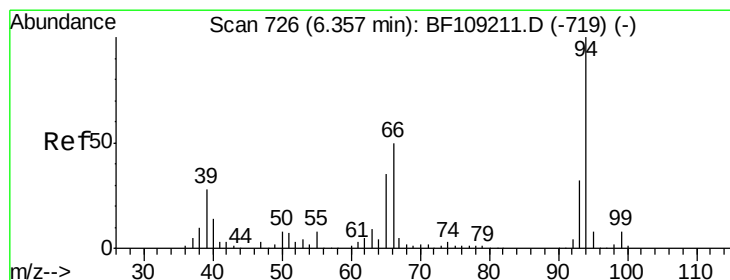
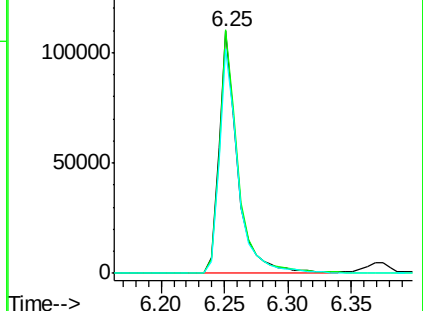
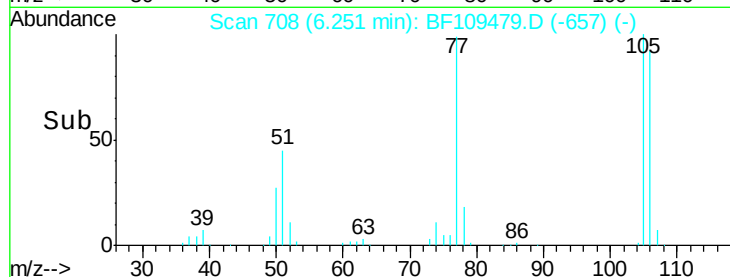
106 92.9 74.5 114.5



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: 31.053 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

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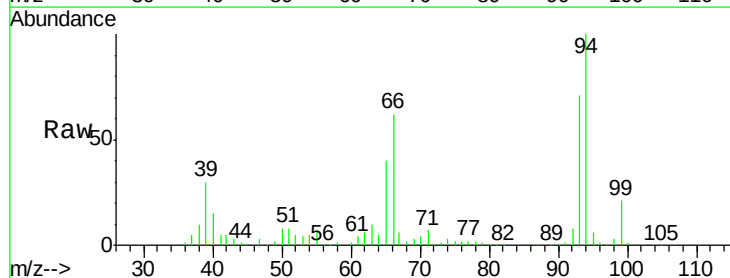
Tgt Ion: 94 Resp: 284388

Ion Ratio Lower Upper

94 100

65 39.8 7.9 47.9

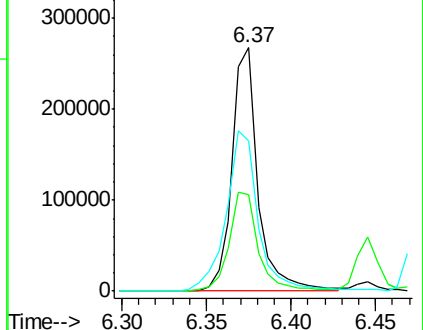
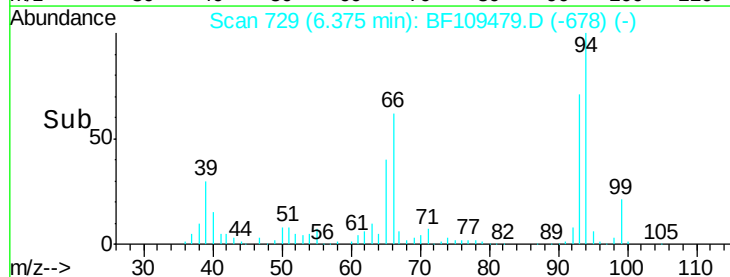
66 61.7 16.2 56.2#

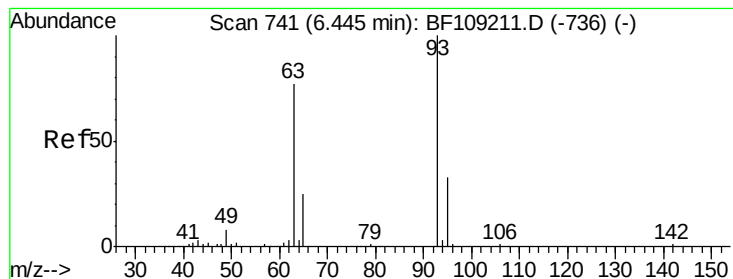


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.161 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

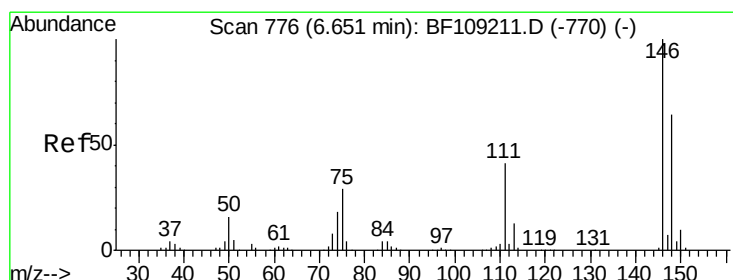
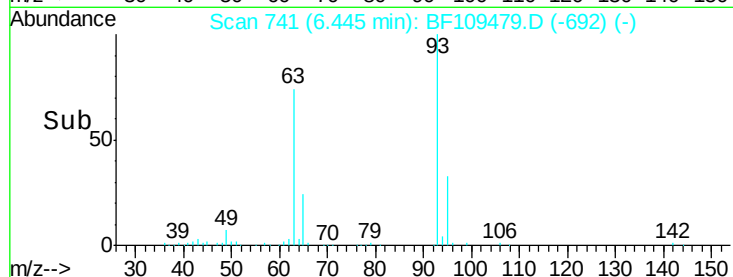
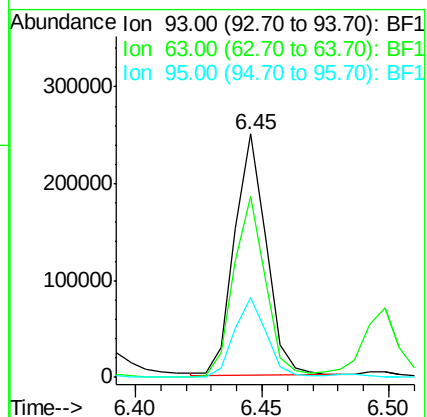
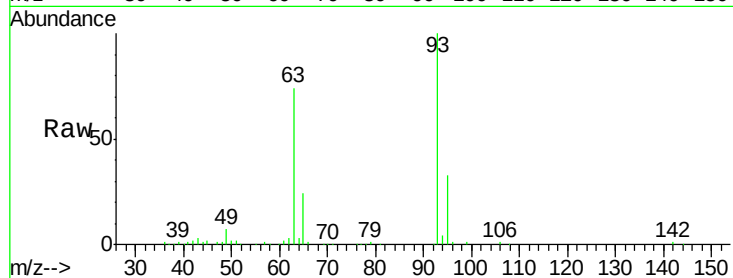
Tgt Ion: 93 Resp: 216142

Ion Ratio Lower Upper

93 100

63 74.1 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 31.090 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

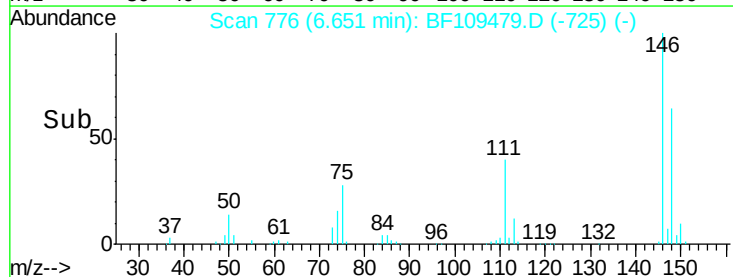
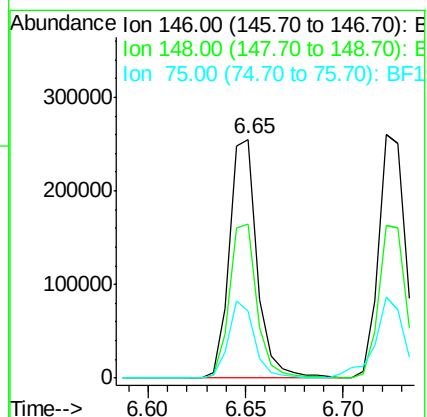
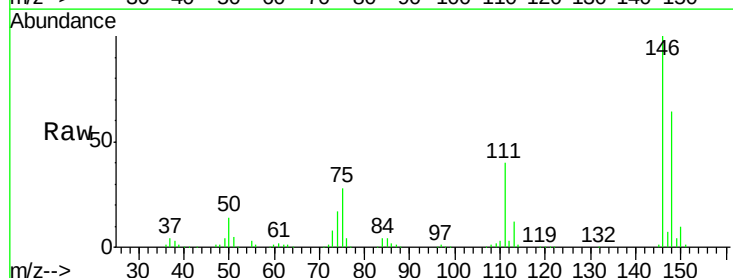
Tgt Ion: 146 Resp: 252280

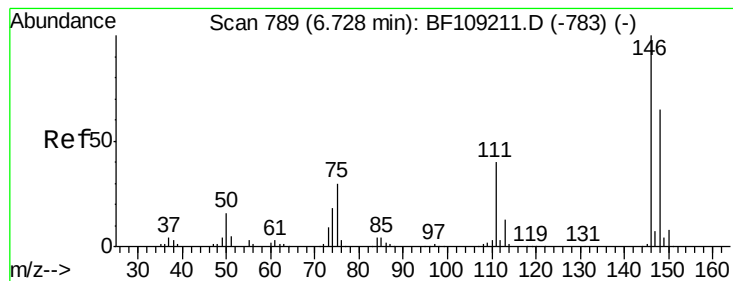
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 28.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 31.501 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

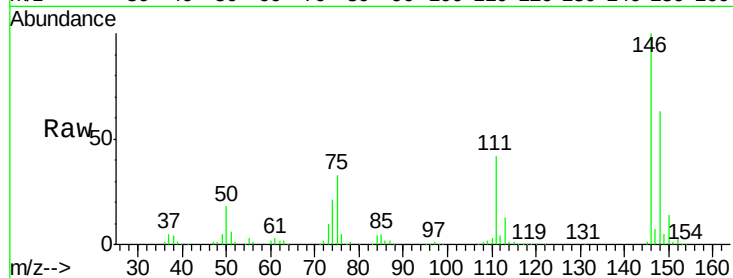
Tgt Ion:146 Resp: 257511

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

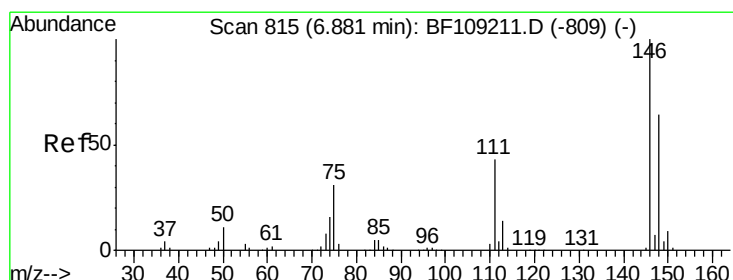
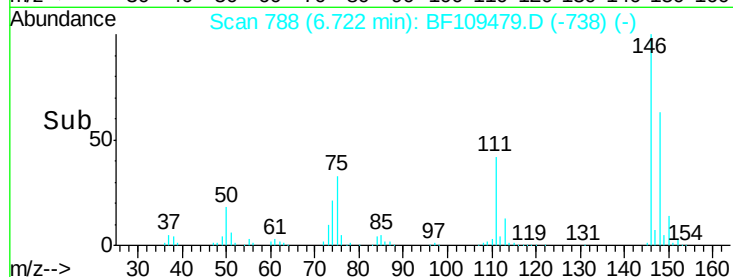
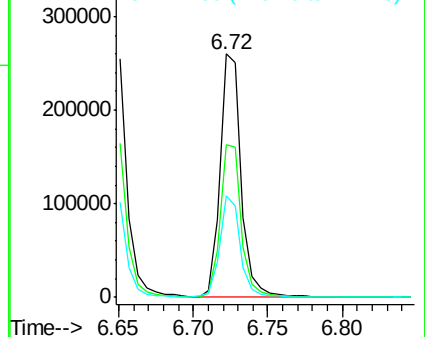
111 41.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 31.248 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

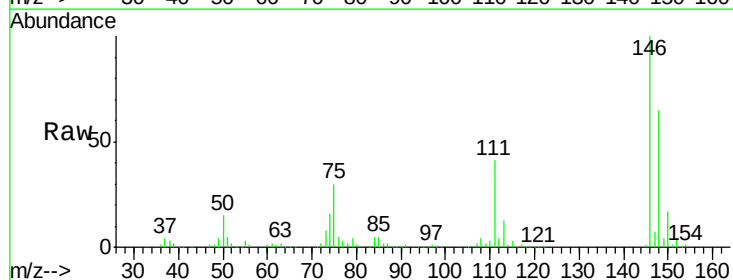
Tgt Ion:146 Resp: 235644

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

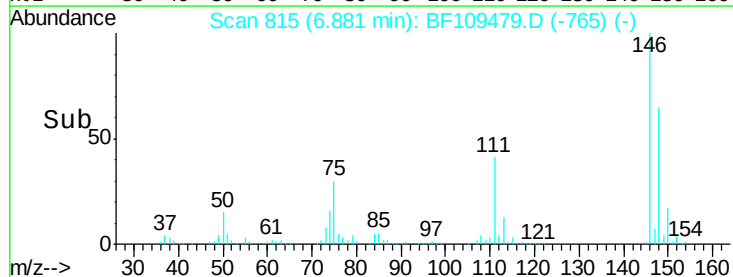
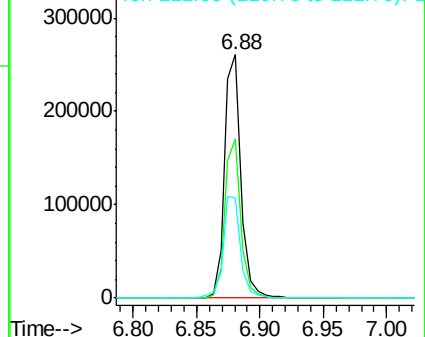
111 41.3 36.0 54.0

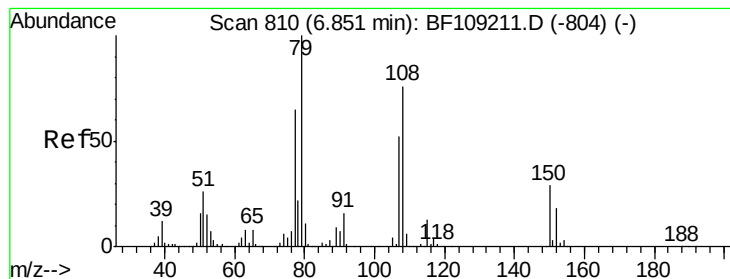


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.650 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

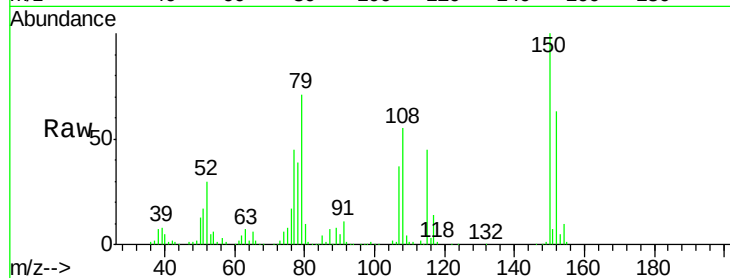
Tgt Ion: 79 Resp: 195918

Ion Ratio Lower Upper

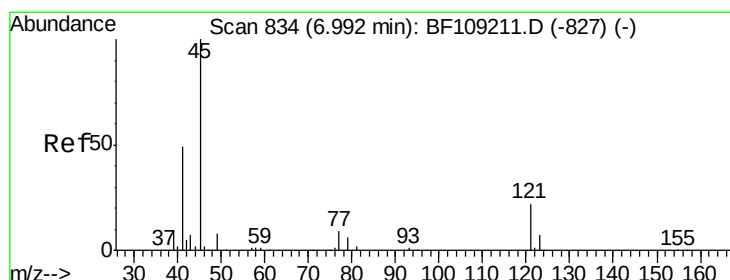
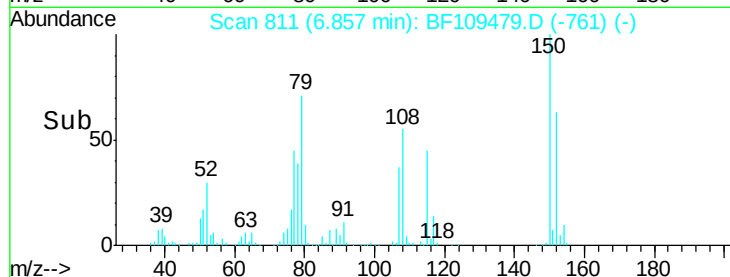
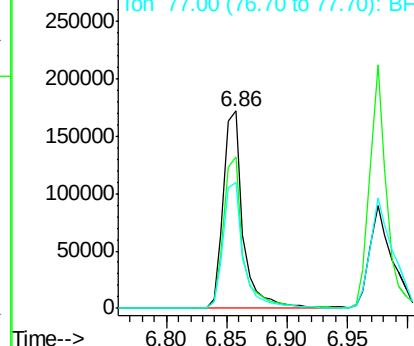
79 100

108 76.8 65.1 97.7

77 63.8 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.687 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

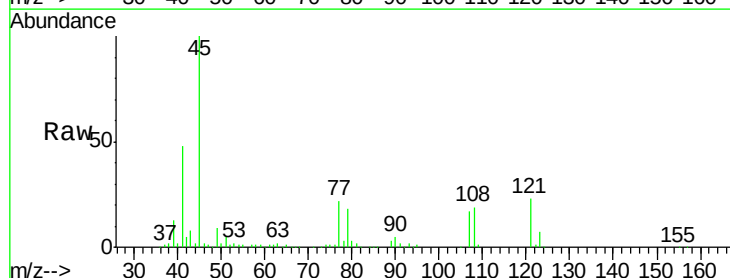
Tgt Ion: 45 Resp: 301762

Ion Ratio Lower Upper

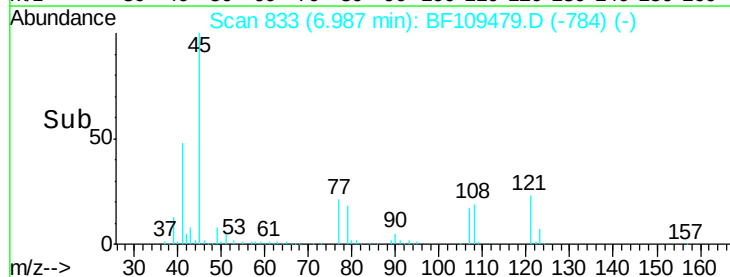
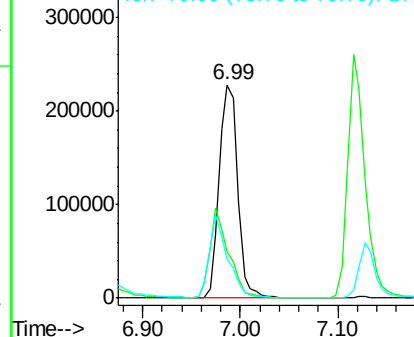
45 100

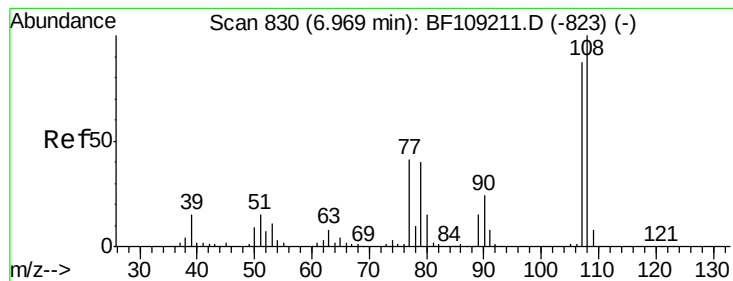
77 22.0 0.0 32.9

79 18.1 0.0 29.6



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





#17

2-Methylphenol

Concen: 32.249 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

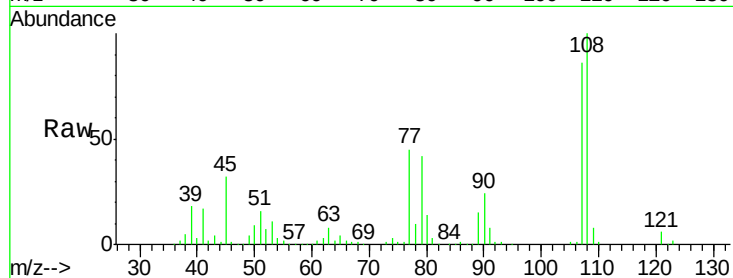
Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

Tgt Ion:	107	Resp:	183900
Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.7	137.5
77	52.5	33.8	50.8#
79	49.1	33.8	50.8

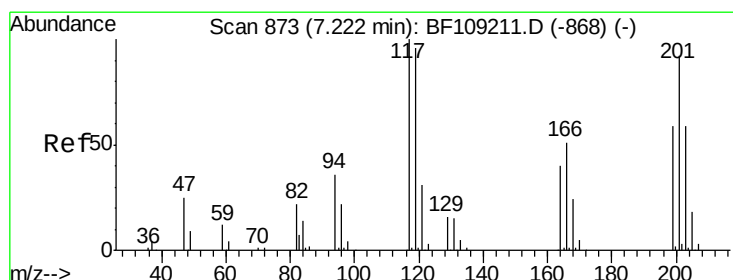
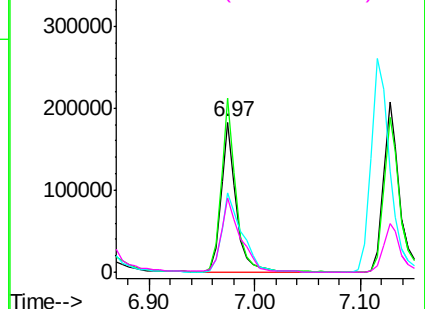
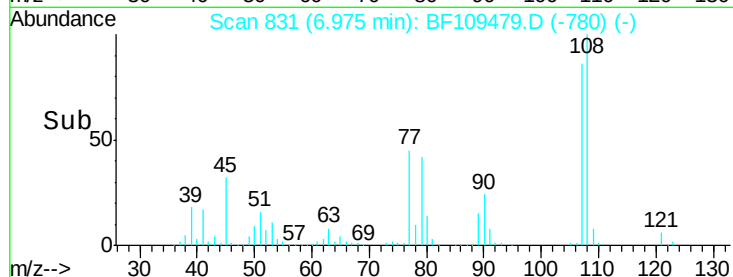


Abundance Ion 107.00 (106.70 to 107.70): E

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: 26.649 ng

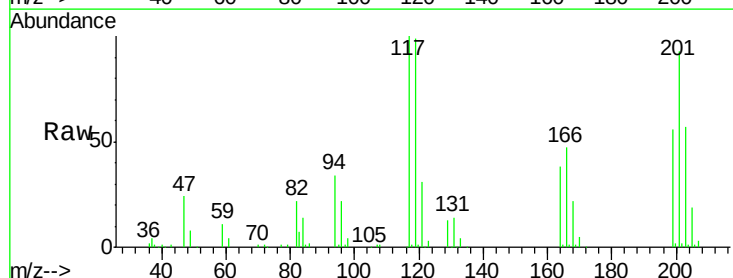
RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

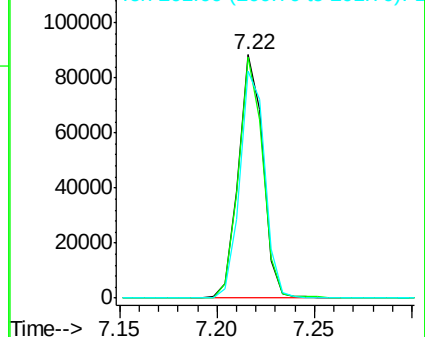
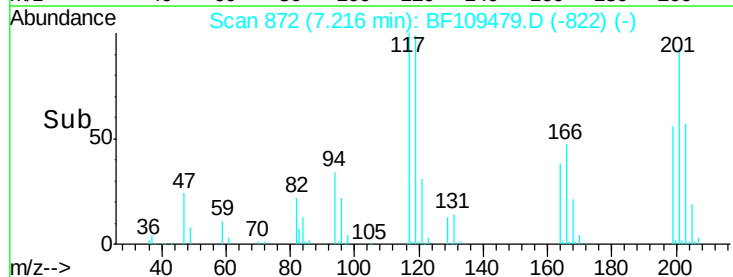
Tgt Ion:	117	Resp:	76751
Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.8	113.8
201	93.0	75.7	113.5

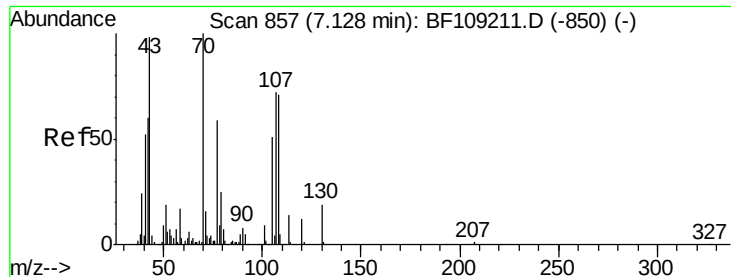


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

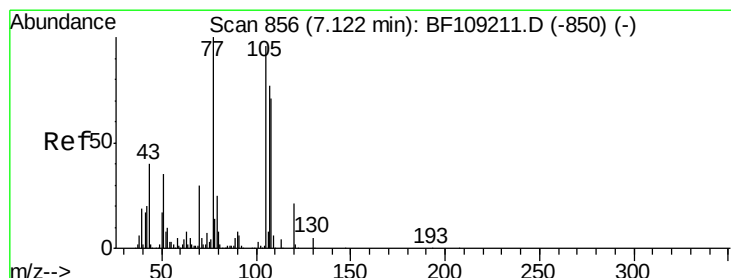
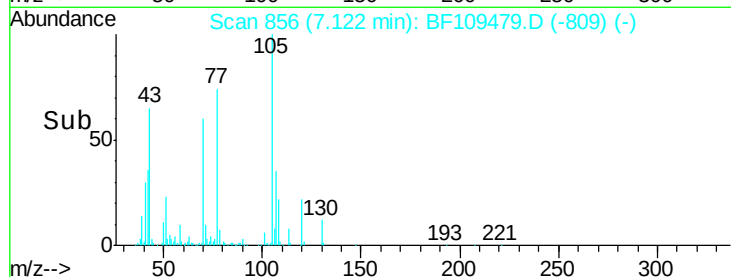
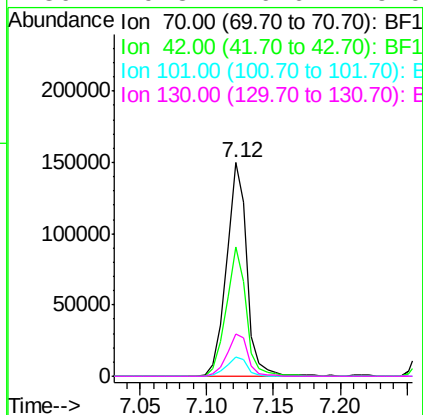
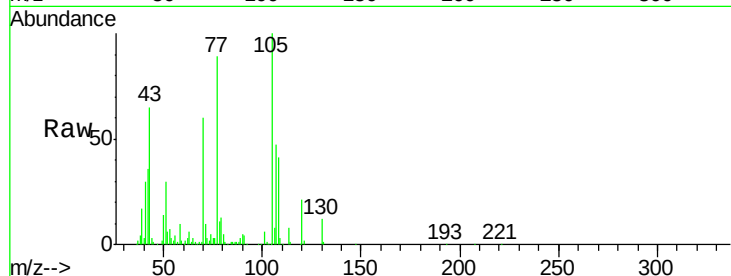




#19
n-Nitroso-di-n-propylamine
Concen: 30.417 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

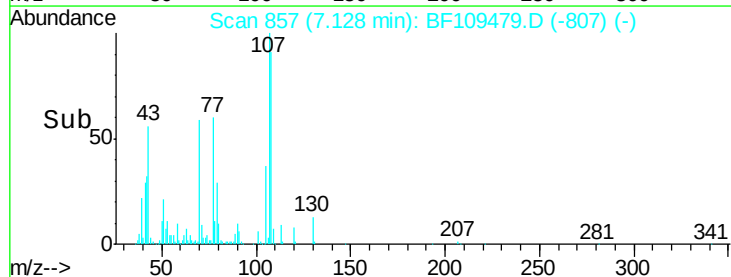
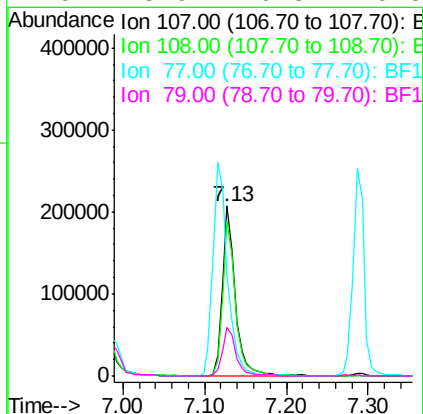
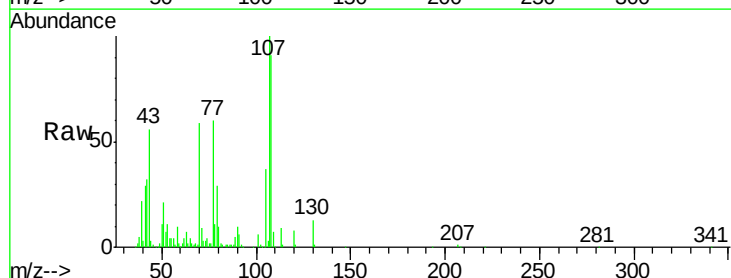
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

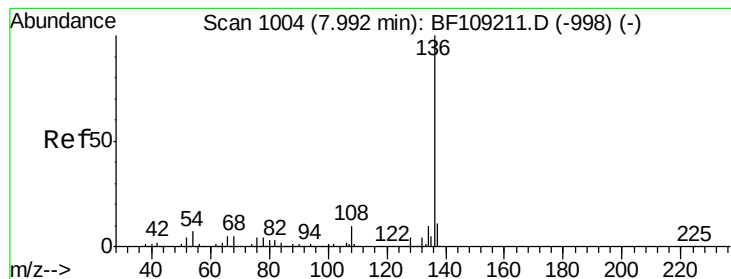
Tgt Ion:	70	Resp:	161183
Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.5	71.3
101	9.3	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.748 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:	107	Resp:	232346
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	59.9	26.7	66.7
79	28.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

Tgt Ion:136 Resp: 375391

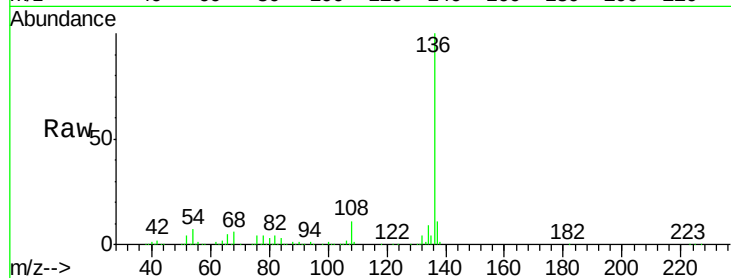
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

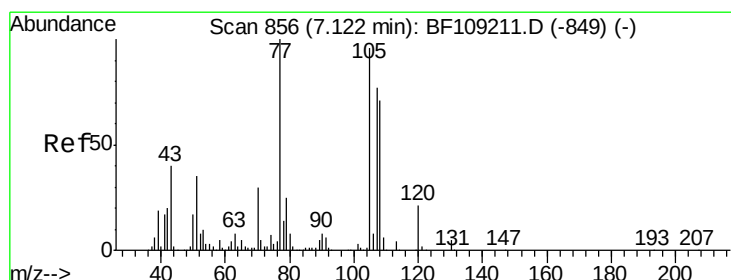
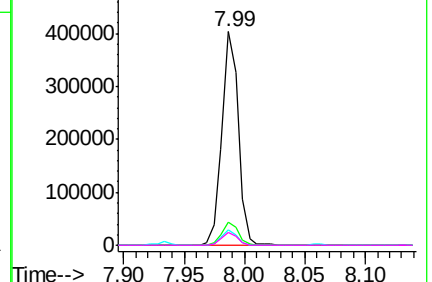
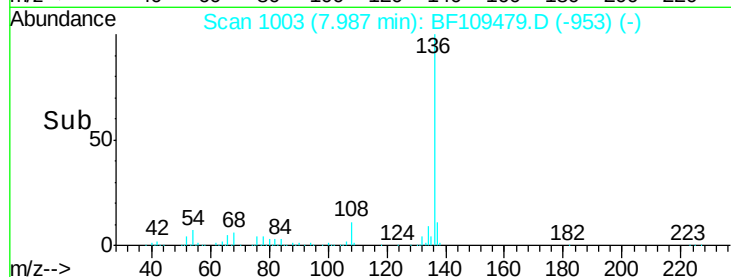


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.158 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:105 Resp: 322489

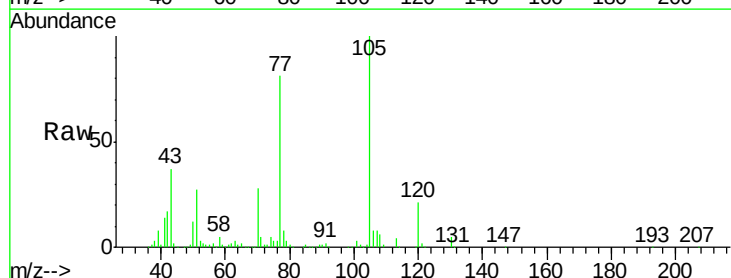
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 27.3 22.3 33.5

120 21.1 16.9 25.3

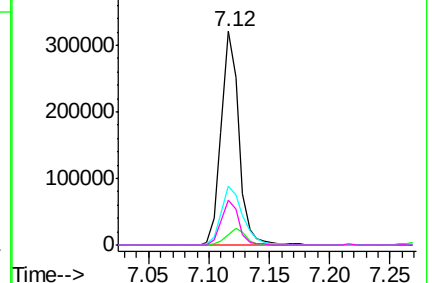
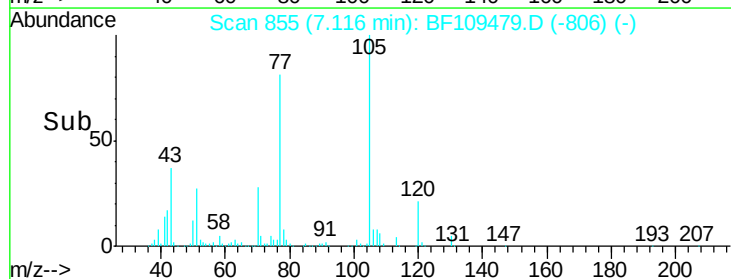


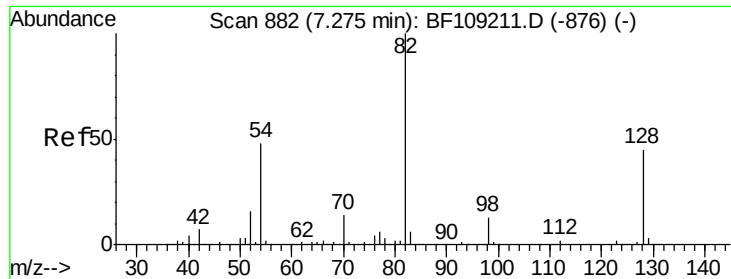
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

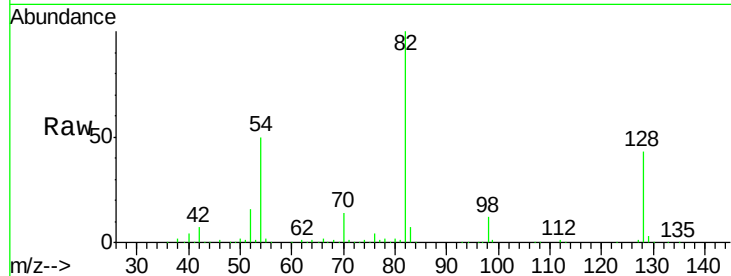




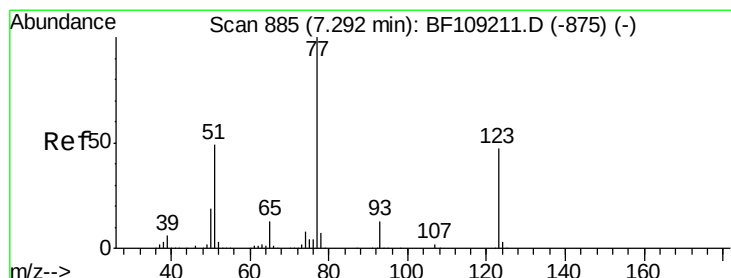
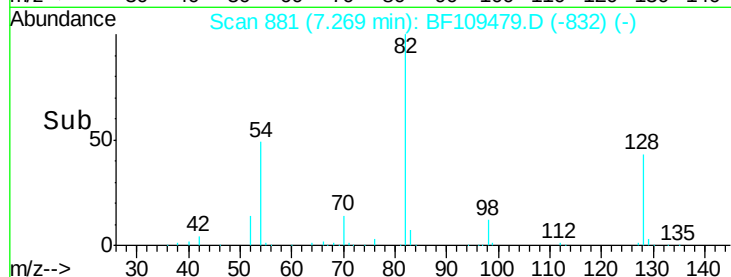
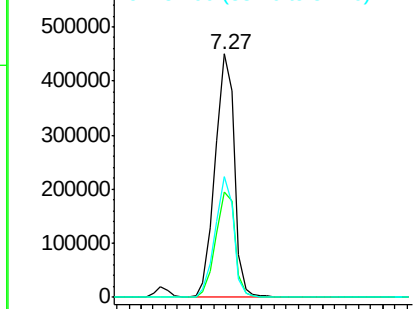
#23
 Nitrobenzene-d5
 Concen: 77.281 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tgt Ion: 82 Resp: 491443
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 49.8 41.4 62.2

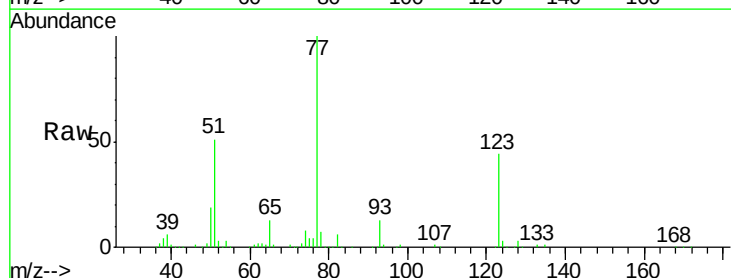


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

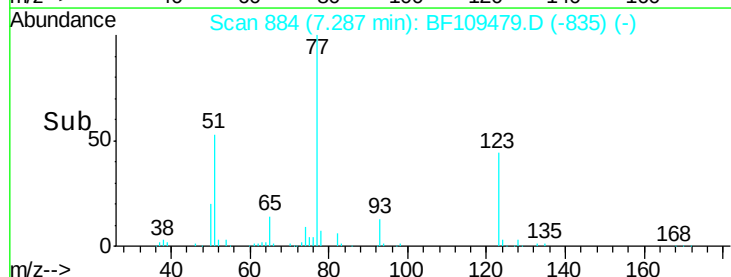
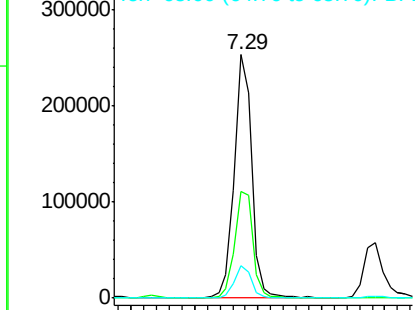


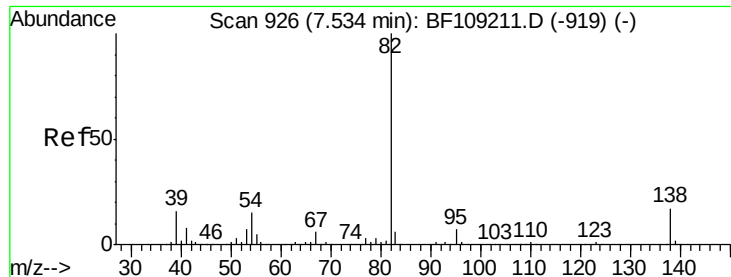
#24
 Nitrobenzene
 Concen: 35.374 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion: 77 Resp: 239181
 Ion Ratio Lower Upper
 77 100
 123 44.0 37.9 56.9
 65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 37.586 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

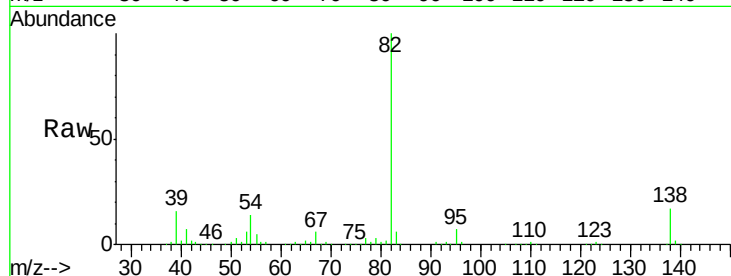
Tgt Ion: 82 Resp: 430404

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

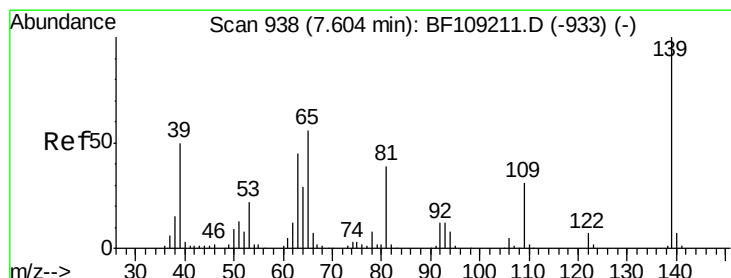
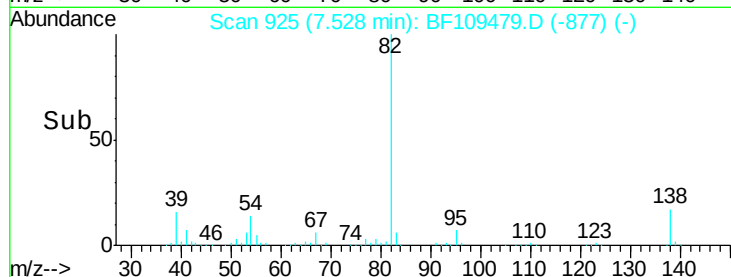
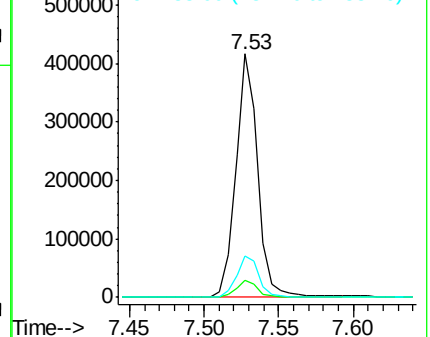
138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.501 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

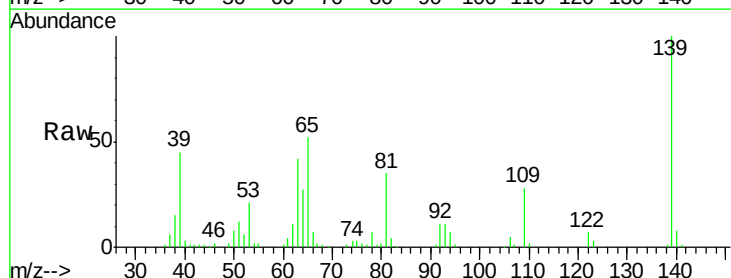
Tgt Ion: 139 Resp: 97602

Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

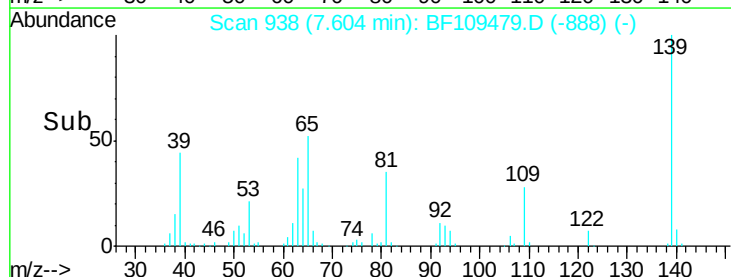
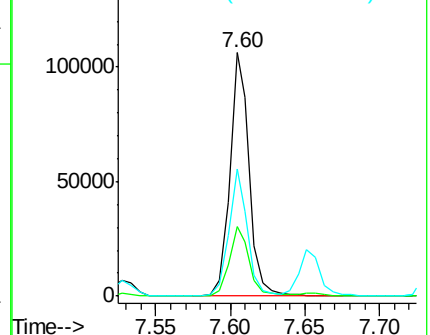
65 52.2 40.5 60.7

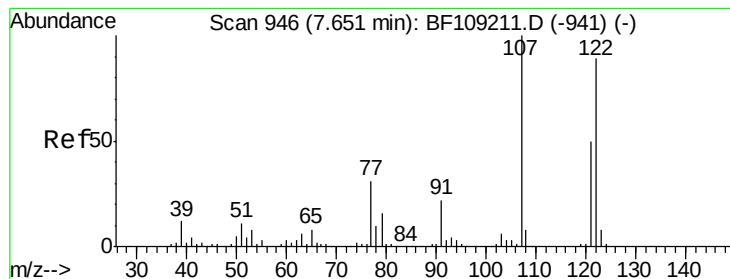


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.450 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

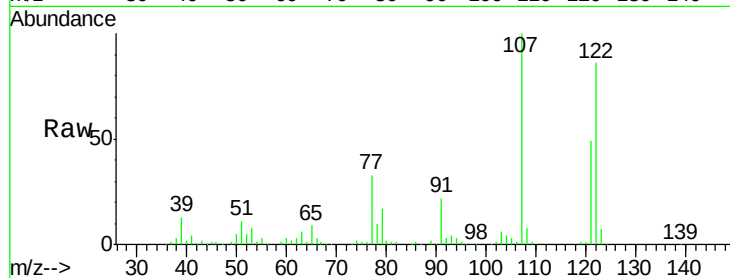
Tgt Ion: 122 Resp: 196841

Ion Ratio Lower Upper

122 100

107 115.6 91.2 136.8

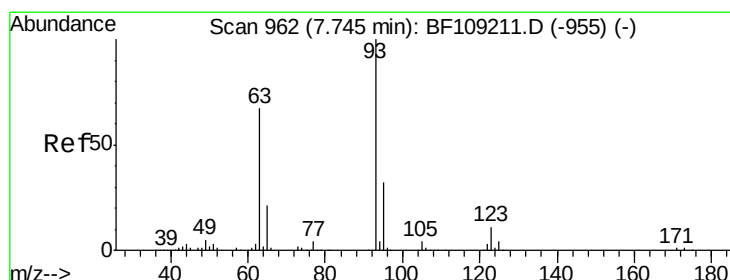
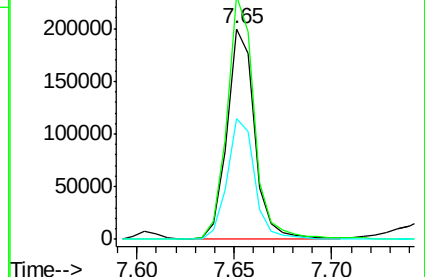
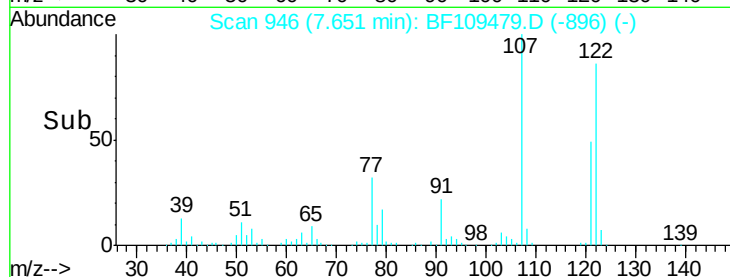
121 57.2 47.2 70.8



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: 36.110 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

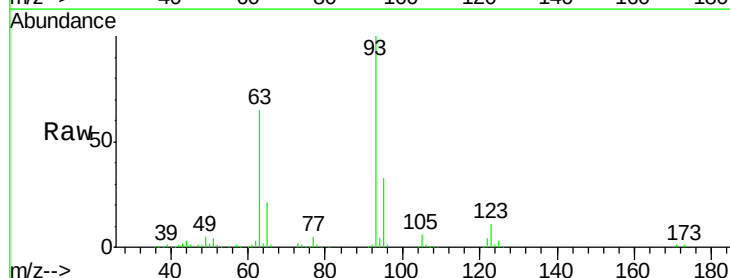
Tgt Ion: 93 Resp: 273723

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

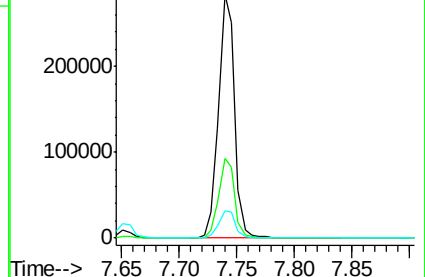
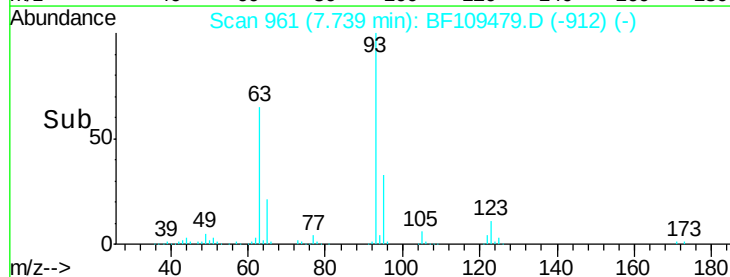
123 11.0 9.8 14.6

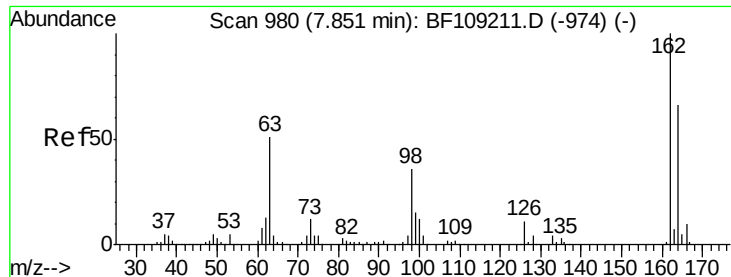


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

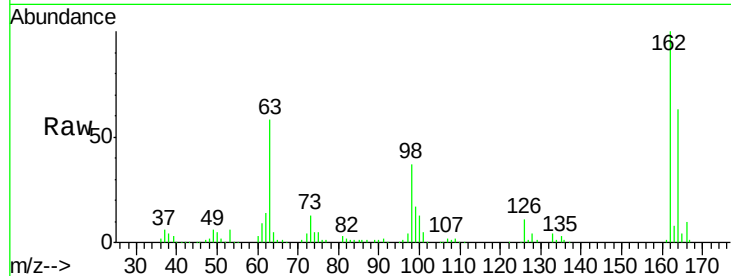




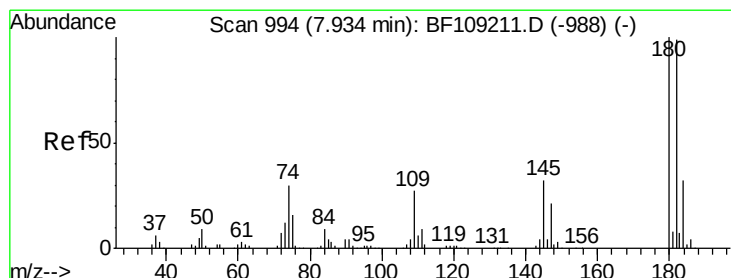
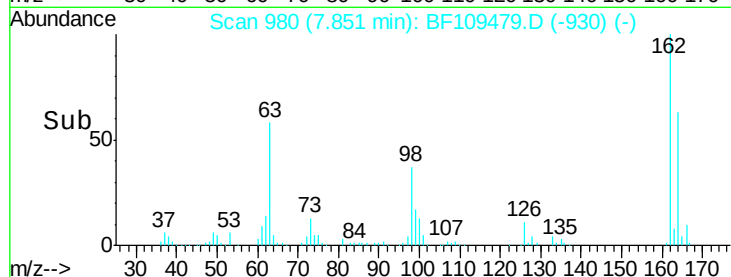
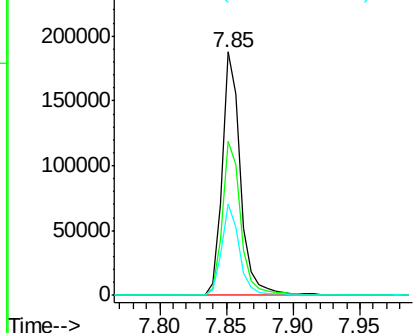
#29
 2,4-Dichlorophenol
 Concen: 34.912 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tgt Ion:162 Resp: 183020
 Ion Ratio Lower Upper
 162 100
 164 63.1 42.7 82.7
 98 37.4 18.1 58.1

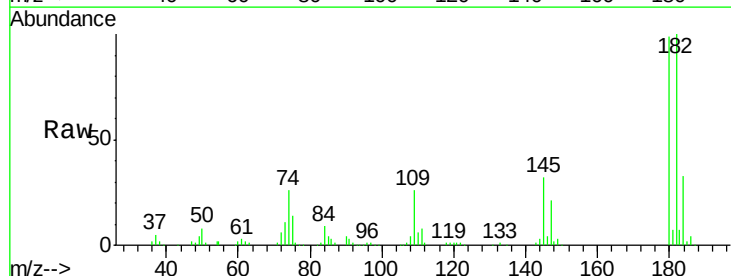


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

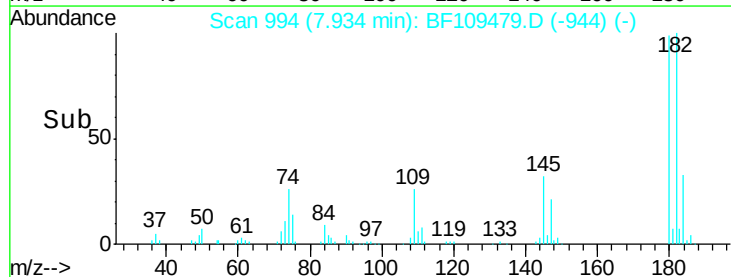
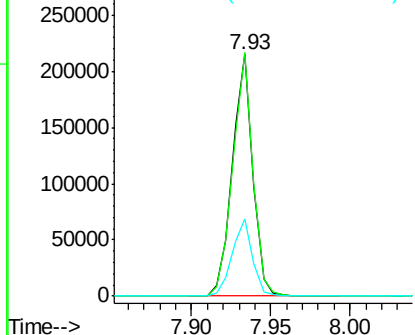


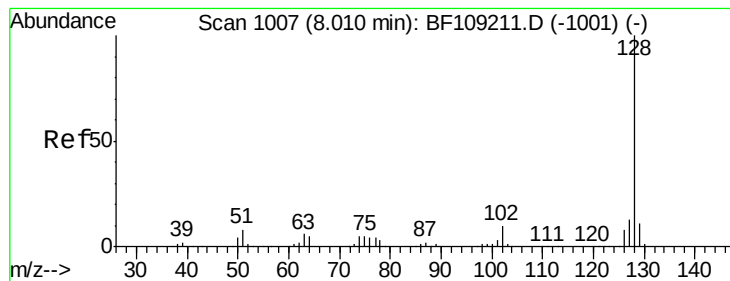
#30
 1,2,4-Trichlorobenzene
 Concen: 33.008 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion:180 Resp: 193359
 Ion Ratio Lower Upper
 180 100
 182 100.7 76.8 115.2
 145 32.2 26.5 39.7



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: 35.682 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

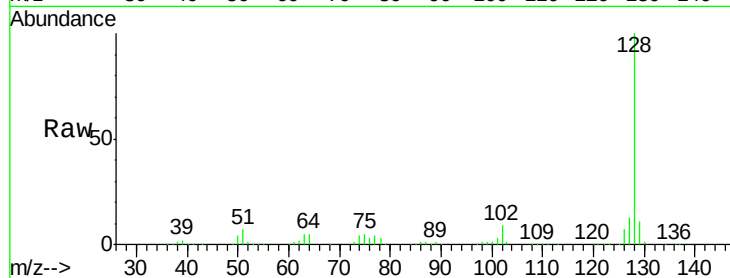
Tgt Ion:128 Resp: 625937

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

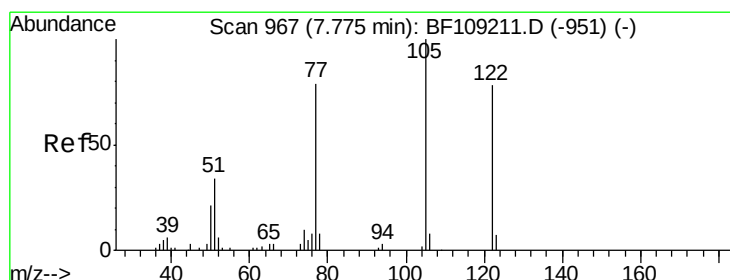
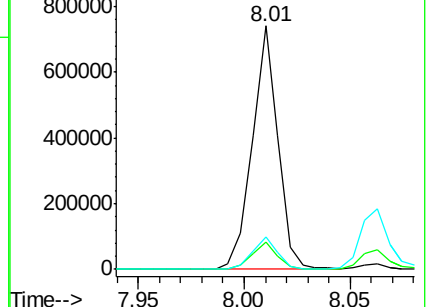
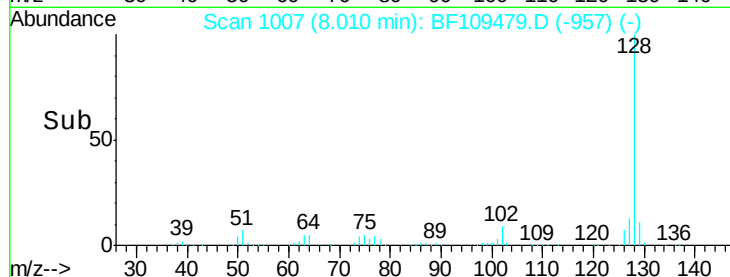
127 13.1 10.9 16.3



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: 14.496 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.07 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

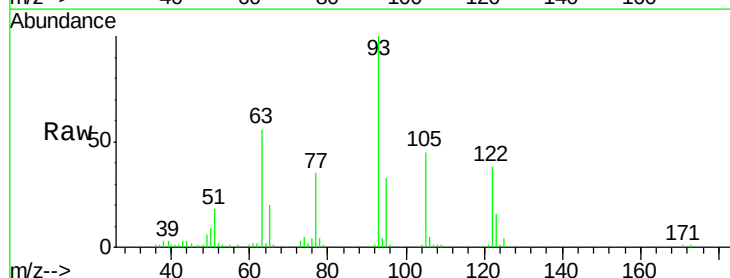
Tgt Ion:122 Resp: 30413

Ion Ratio Lower Upper

122 100

105 115.9 101.1 141.1

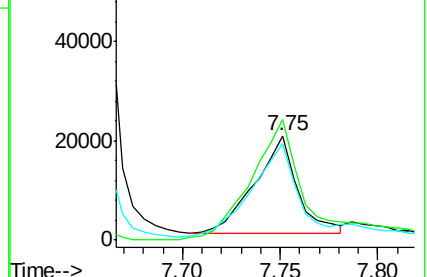
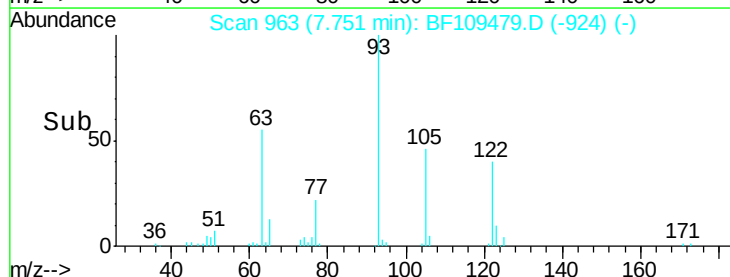
77 91.9 70.7 110.7

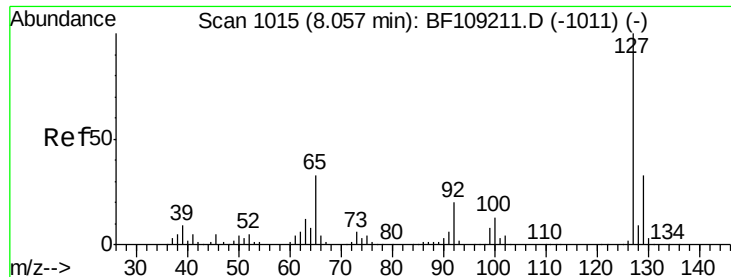


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

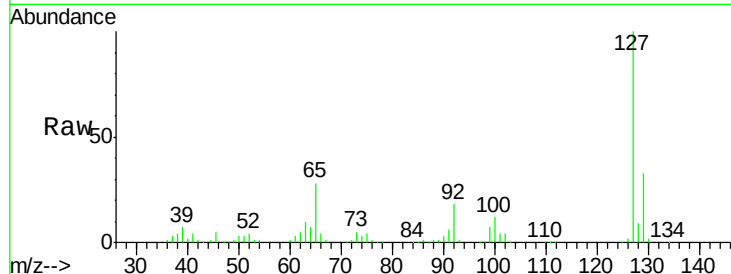




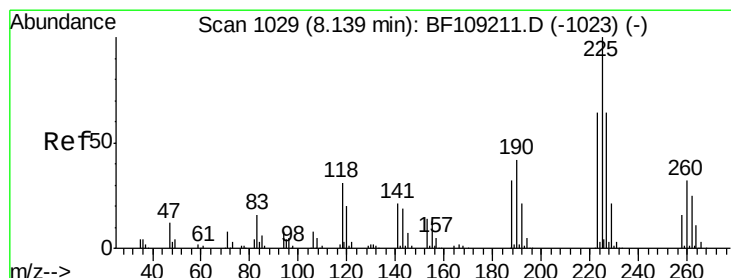
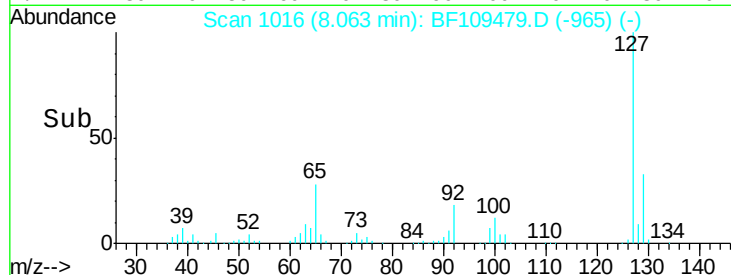
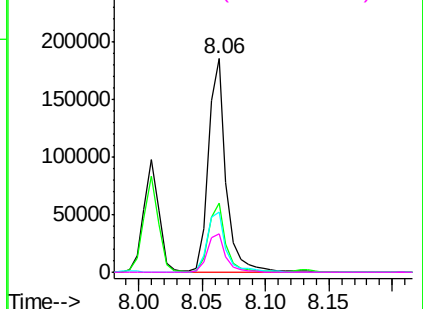
#33
4-Chloroaniline
Concen: 23.628 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tgt Ion:	127	Resp:	181068
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	28.3	25.0	37.4
92	17.9	15.2	22.8

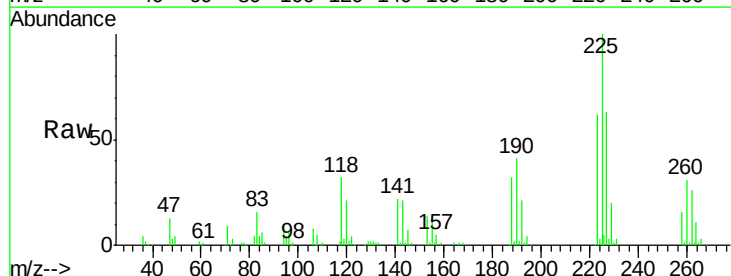


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

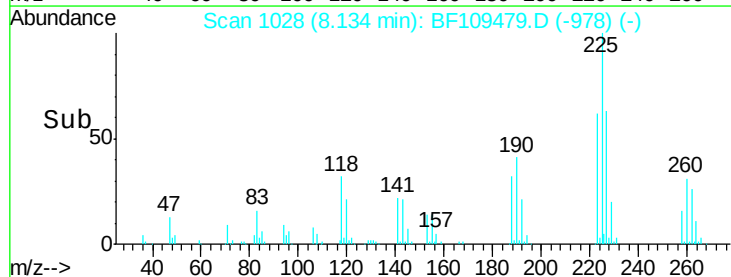
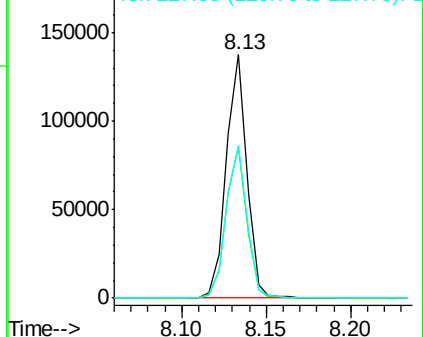


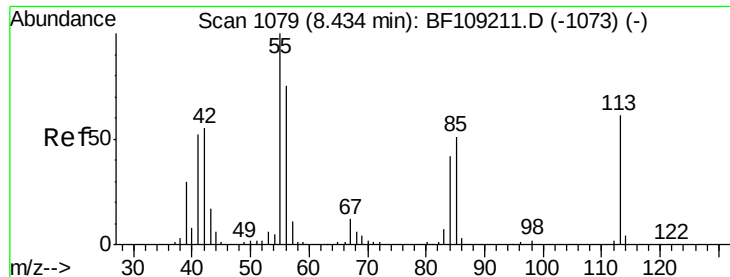
#34
Hexachlorobutadiene
Concen: 32.948 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:	225	Resp:	116351
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.5	51.9	77.9



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

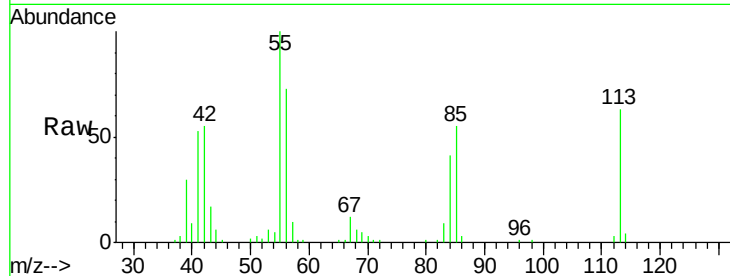




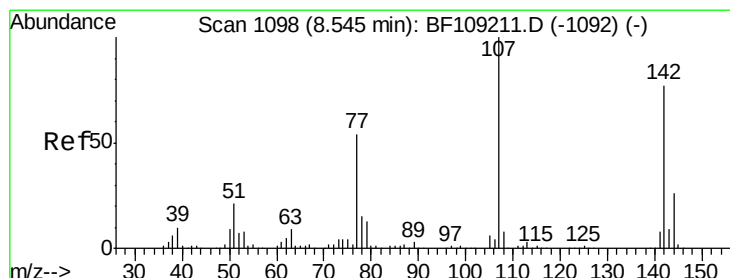
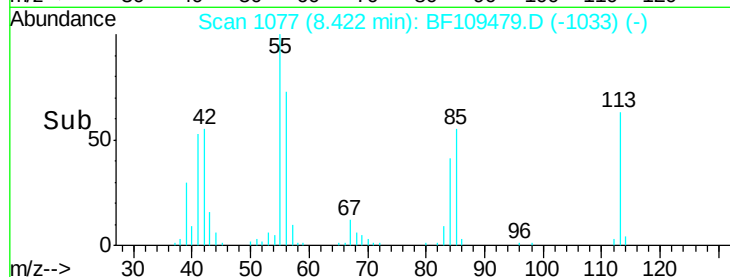
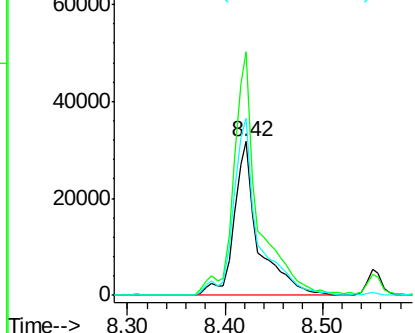
#35
 Caprolactam
 Concen: 32.908 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tgt Ion:113 Resp: 55079
 Ion Ratio Lower Upper
 113 100
 55 158.3 163.3 203.3#
 56 115.5 115.7 155.7#

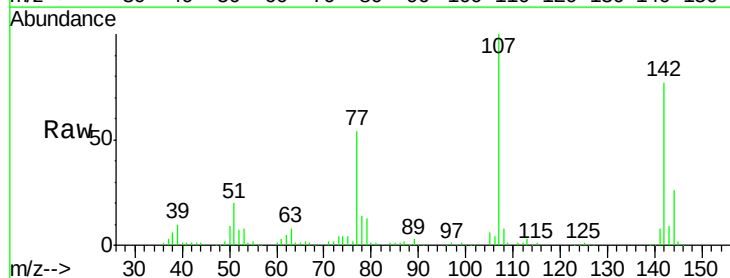


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

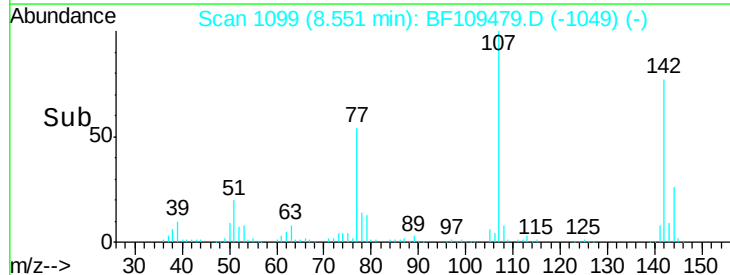
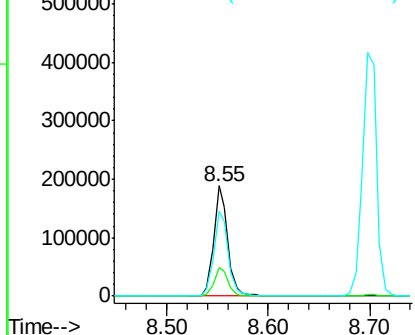


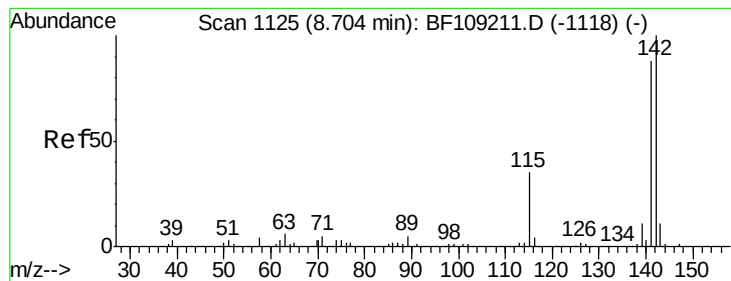
#36
 4-Chloro-3-methylphenol
 Concen: 33.018 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion:107 Resp: 182143
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 77.4 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 35.996 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

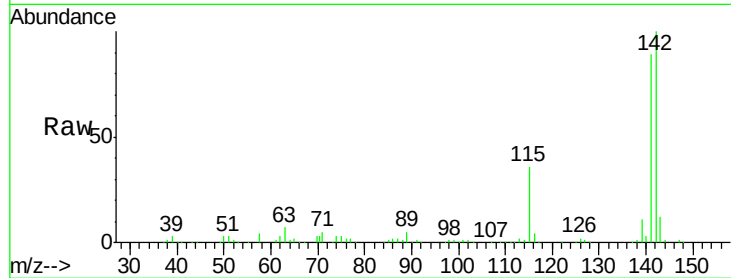
Tgt Ion:142 Resp: 407055

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

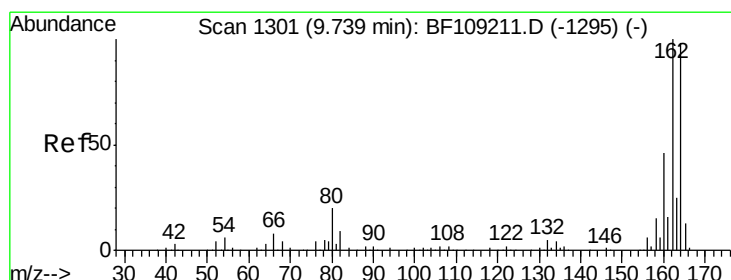
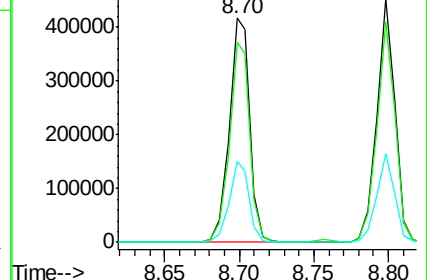
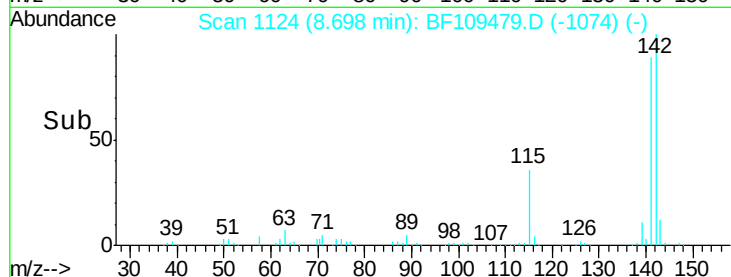
115 36.0 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

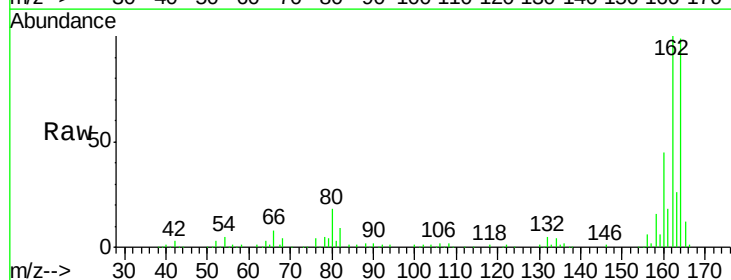
Tgt Ion:164 Resp: 159679

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

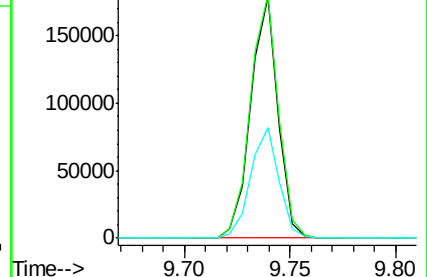
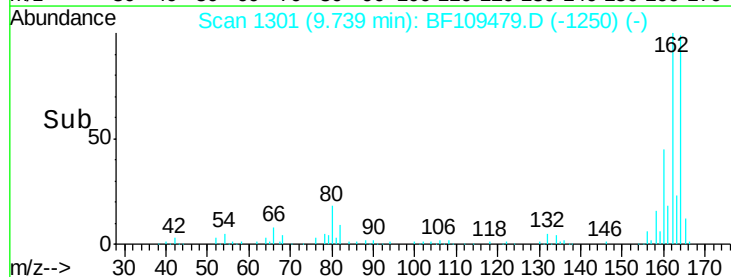
160 45.8 38.3 57.5

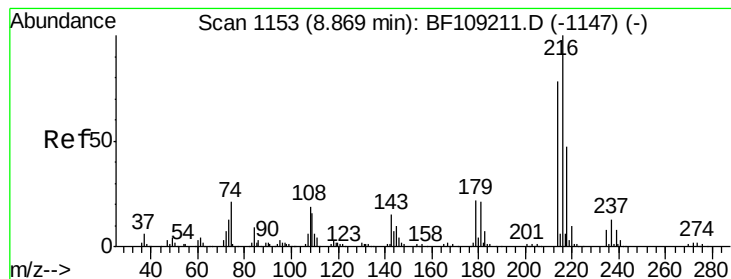


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.365 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

Tgt Ion:216 Resp: 184799

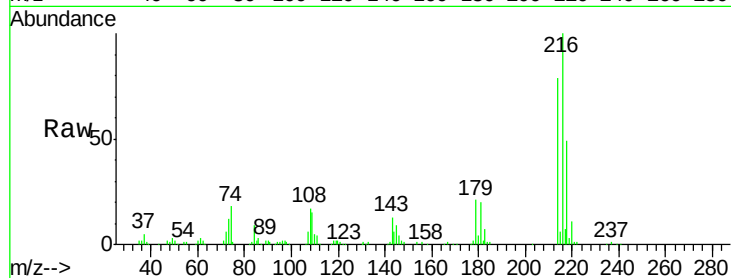
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 20.9 18.1 27.1

108 18.0 17.2 25.8

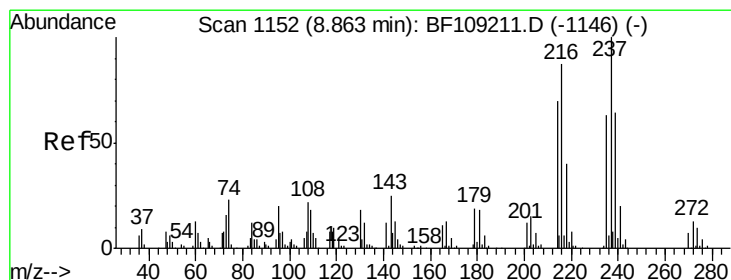
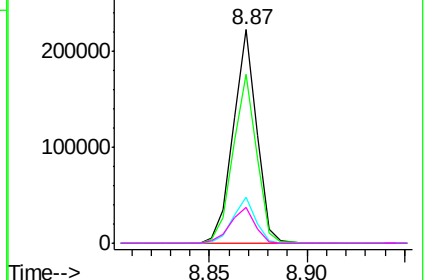
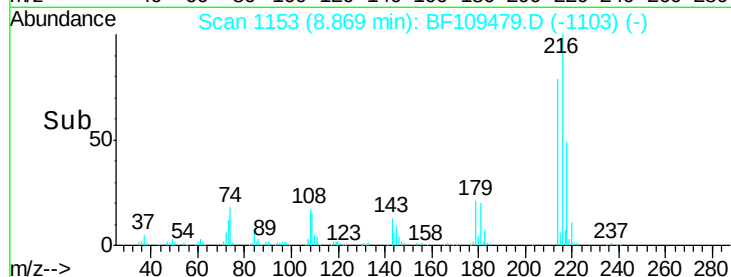


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.487 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

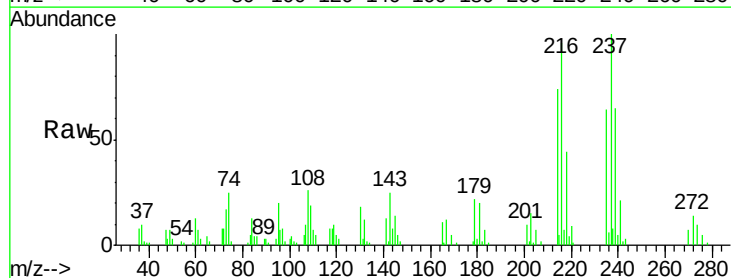
Tgt Ion:237 Resp: 32111

Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

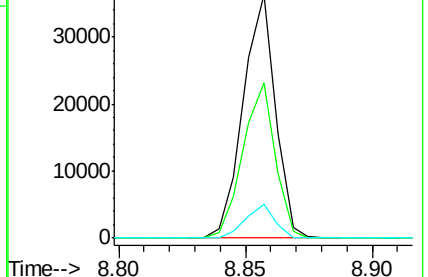
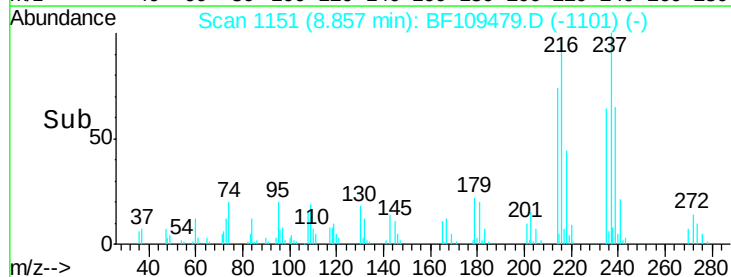
272 14.1 0.0 33.3

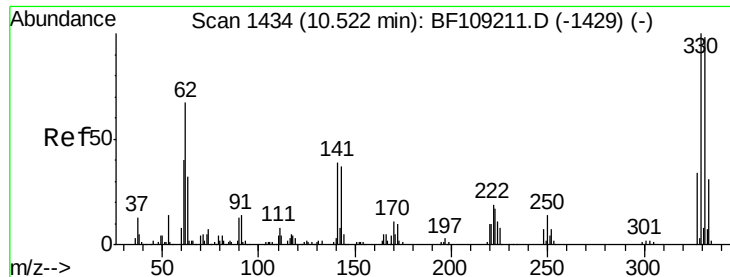


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

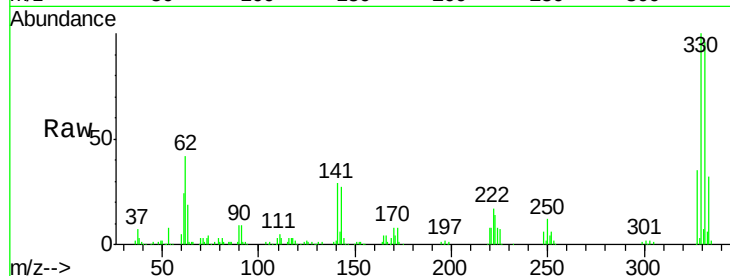




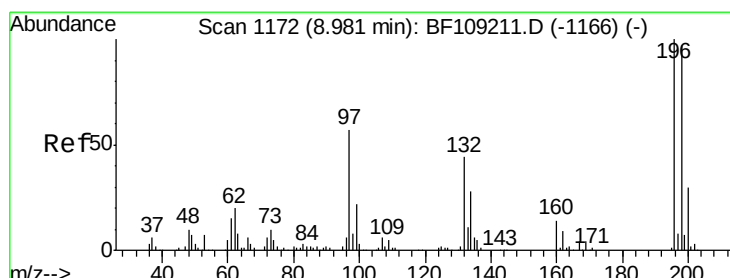
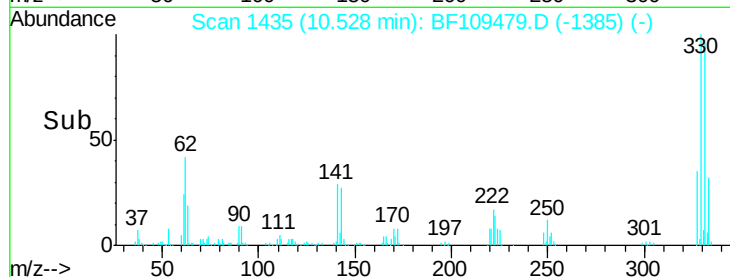
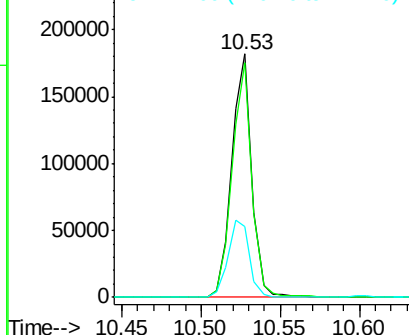
#41
 2,4,6-Tribromophenol
 Concen: 101.131 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tgt Ion:330 Resp: 159191
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 33.8 29.9 44.9

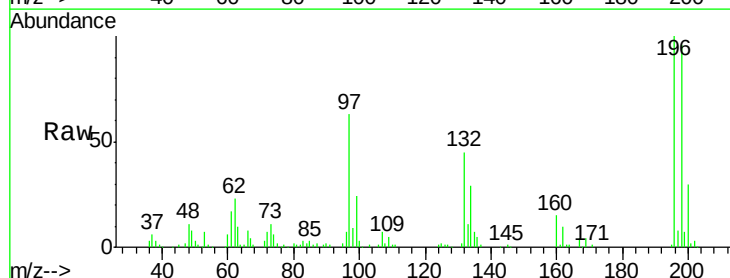


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

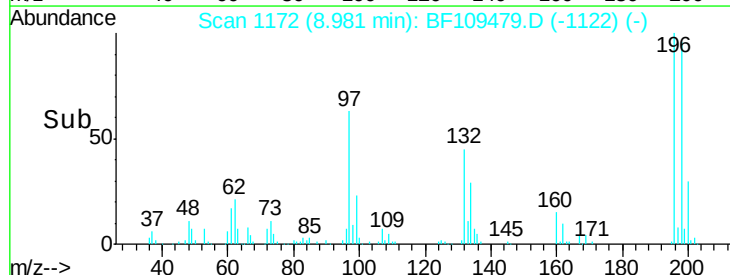
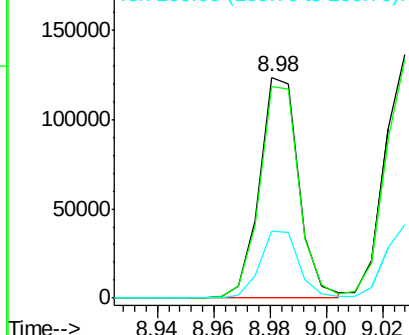


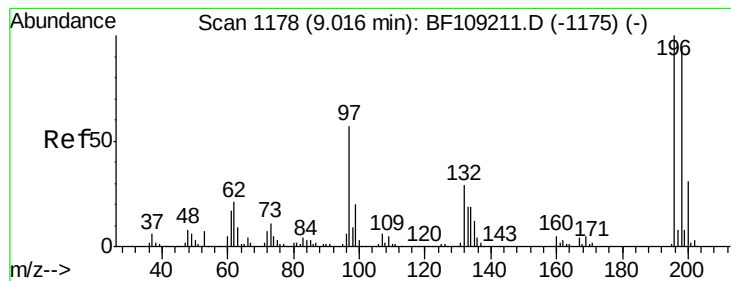
#42
 2,4,6-Trichlorophenol
 Concen: 36.465 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion:196 Resp: 118934
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 30.1 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 36.082 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

Tgt Ion:196 Resp: 124289

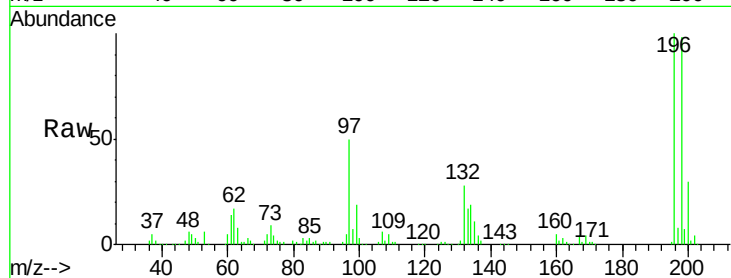
Ion Ratio Lower Upper

196 100

198 97.8 74.6 112.0

97 50.1 42.9 64.3

132 27.7 26.3 39.5

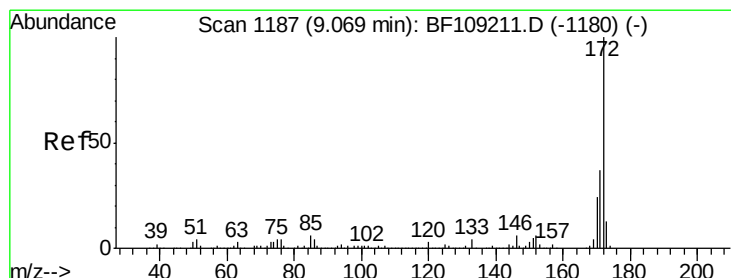
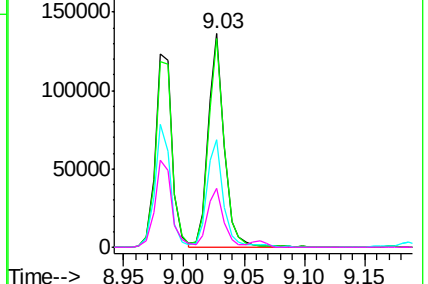
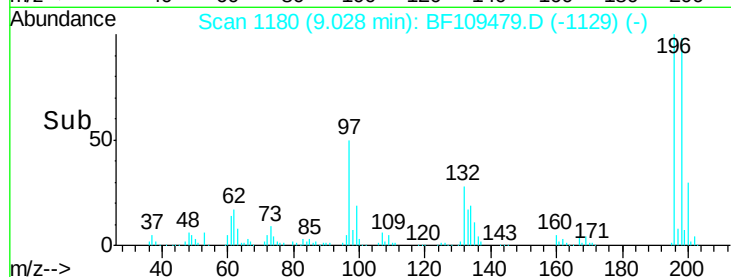


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 74.323 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

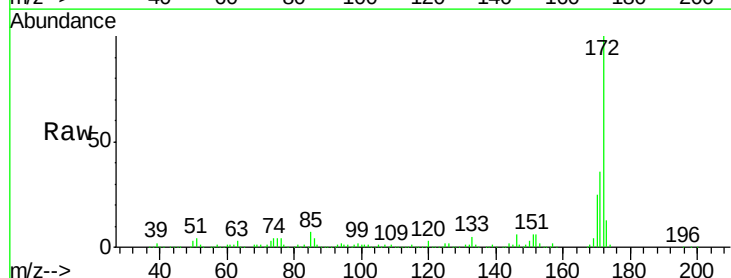
Tgt Ion:172 Resp: 786892

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

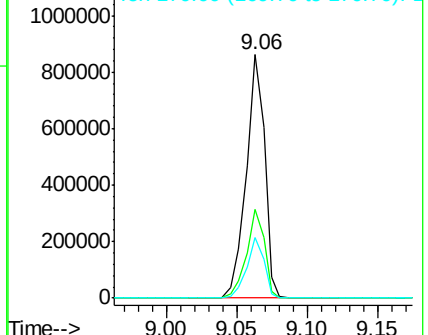
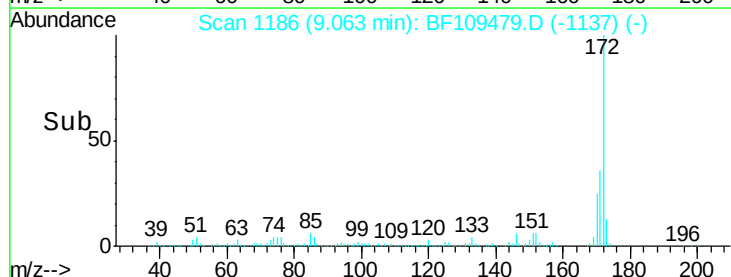
170 24.7 19.6 29.4

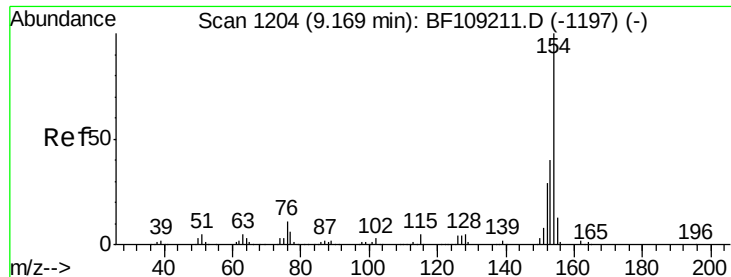


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.403 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

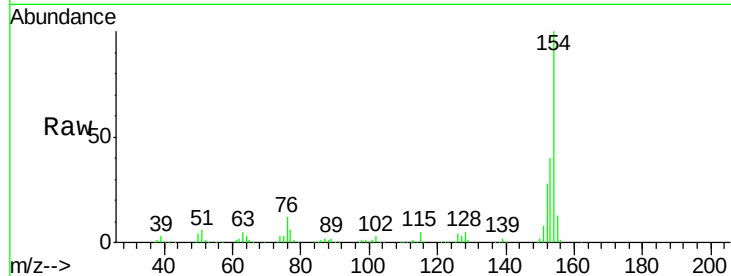
Tgt Ion:154 Resp: 473608

Ion Ratio Lower Upper

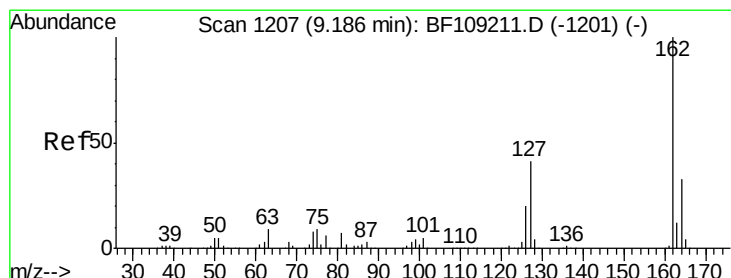
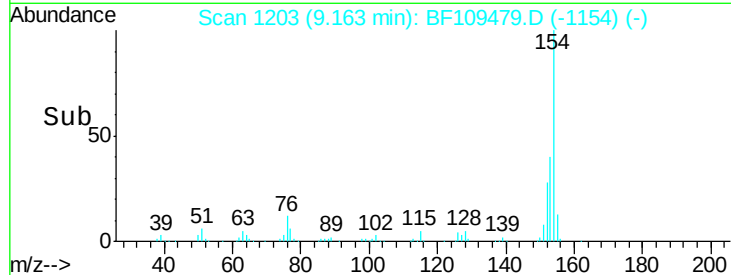
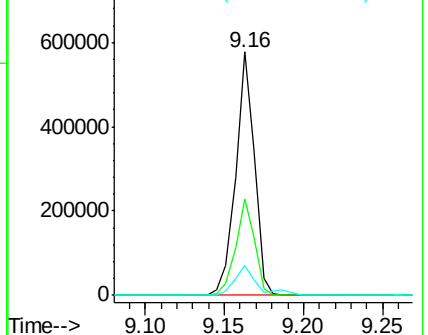
154 100

153 39.7 21.3 61.3

76 12.3 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 34.210 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

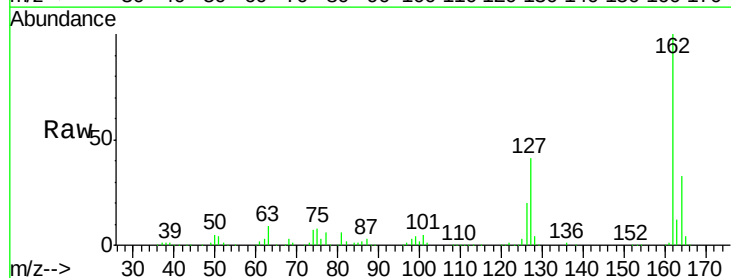
Tgt Ion:162 Resp: 355561

Ion Ratio Lower Upper

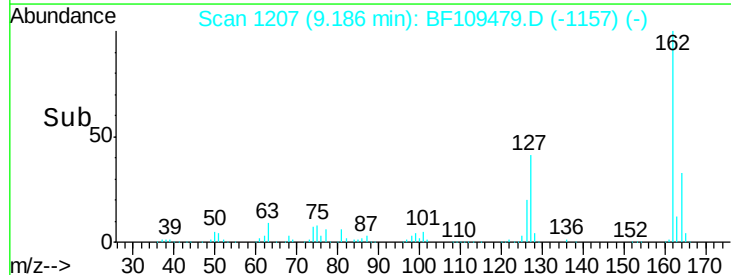
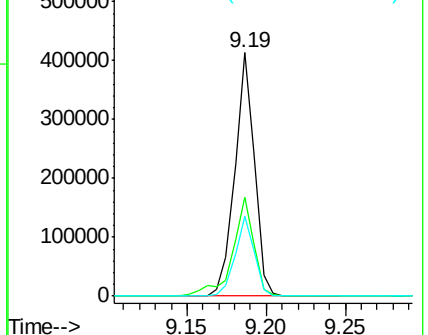
162 100

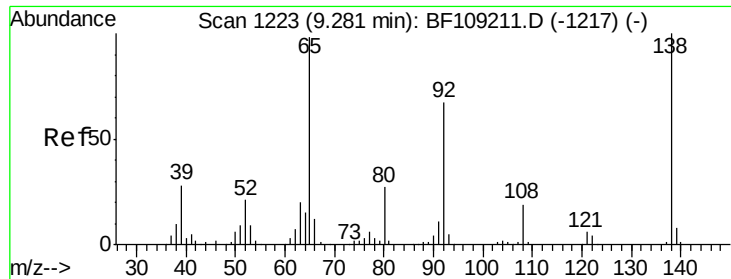
127 40.6 33.9 50.9

164 32.6 26.5 39.7



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

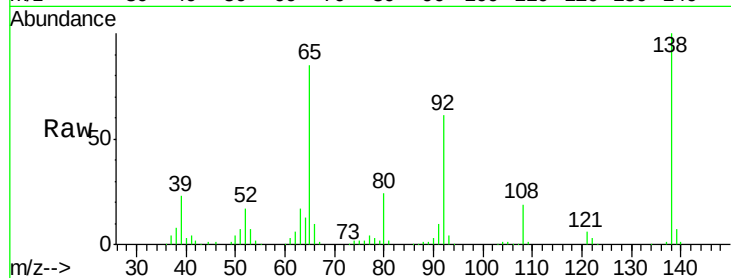




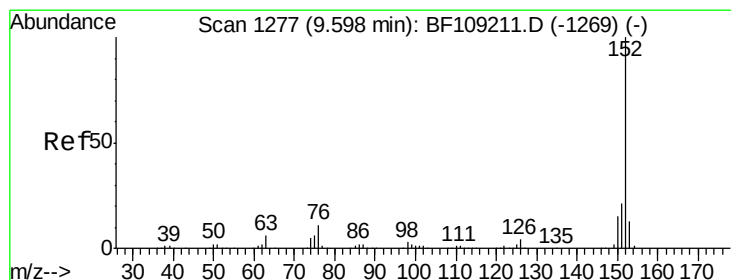
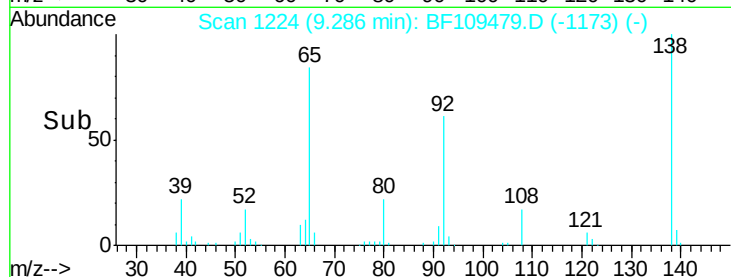
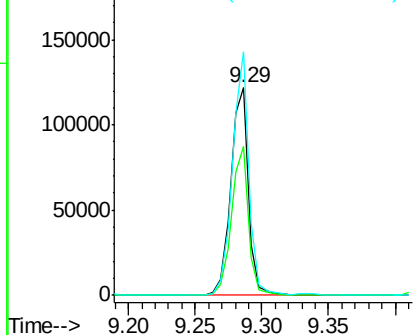
#47
 2-Nitroaniline
 Concen: 38.827 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tgt Ion: 65 Resp: 114414
 Ion Ratio Lower Upper
 65 100
 92 71.7 55.8 83.6
 138 117.3 91.2 136.8

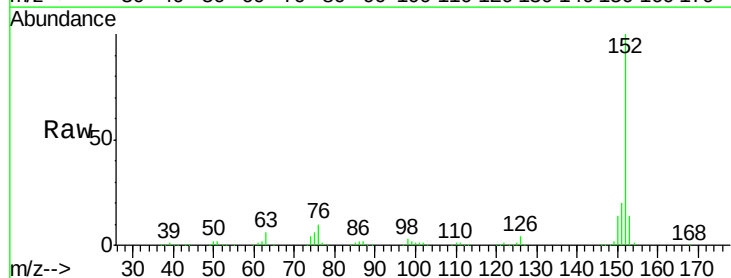


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

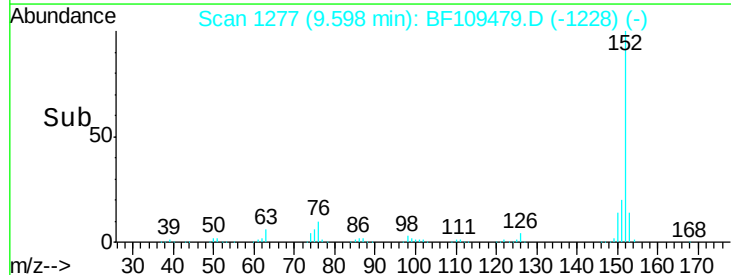
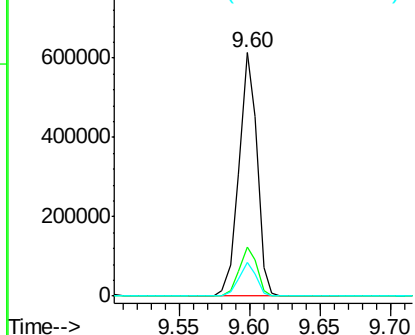


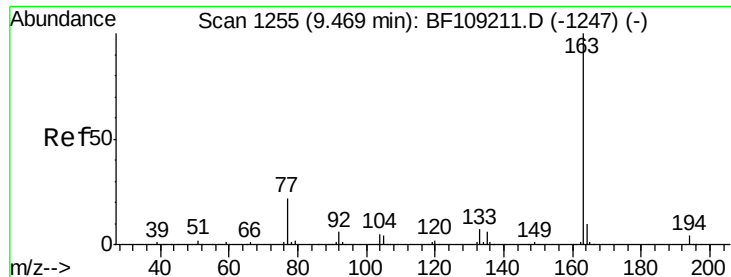
#48
 Acenaphthylene
 Concen: 34.975 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion: 152 Resp: 548380
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
 Ion 151.00 (150.70 to 151.70): BF1
 Ion 153.00 (152.70 to 153.70): BF1

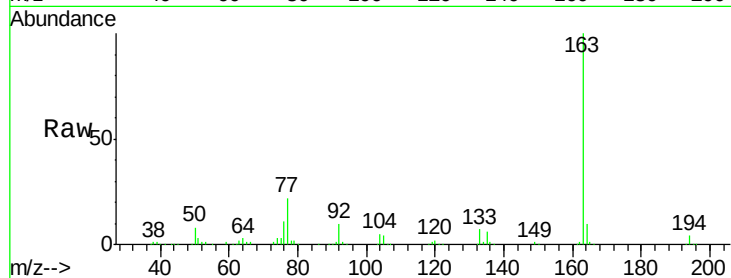




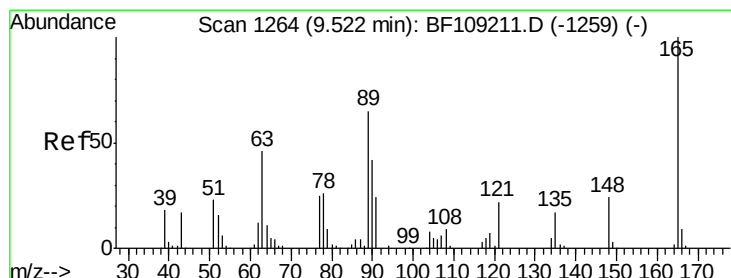
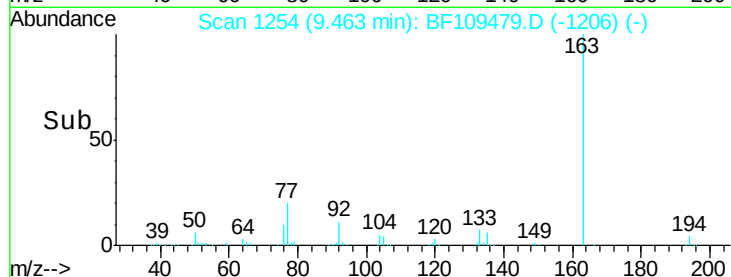
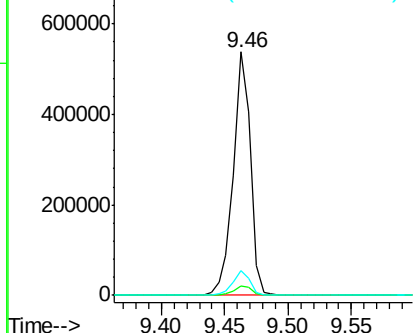
#49
Dimethylphthalate
Concen: 42.923 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tgt Ion:163 Resp: 498507
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 8.2 12.2

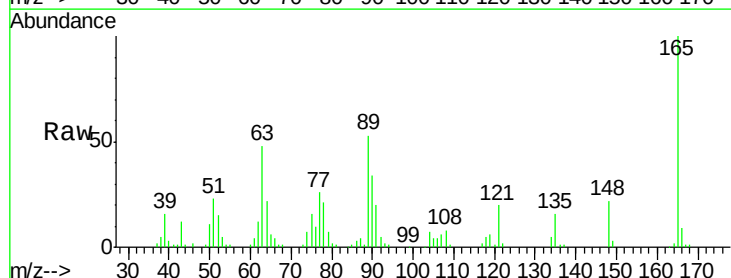


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

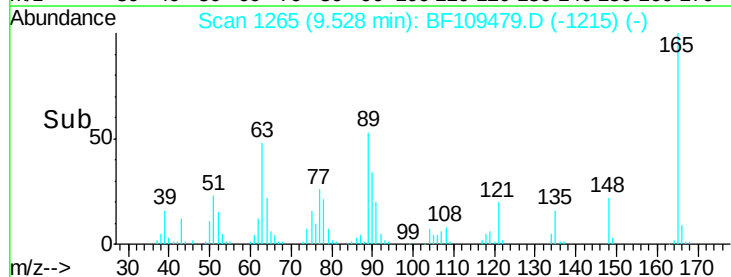
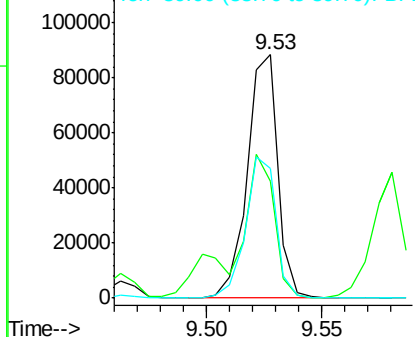


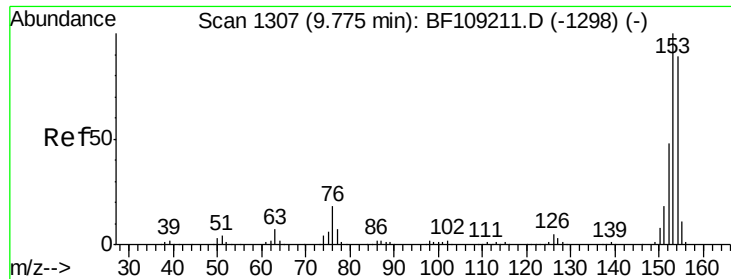
#50
2,6-Dinitrotoluene
Concen: 35.615 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:165 Resp: 81921
Ion Ratio Lower Upper
165 100
63 48.0 44.7 67.1
89 53.2 44.0 66.0



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

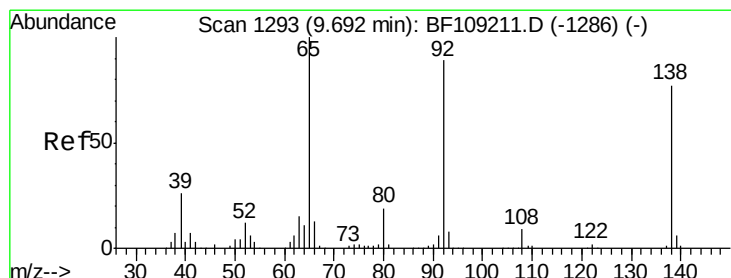
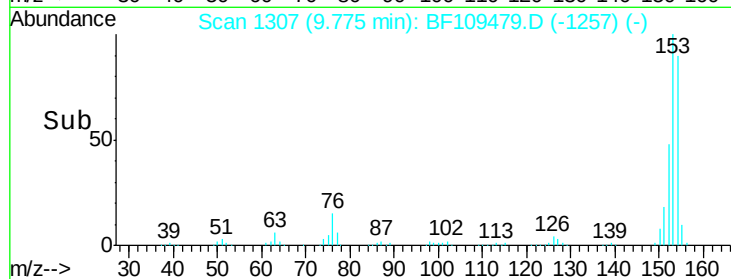
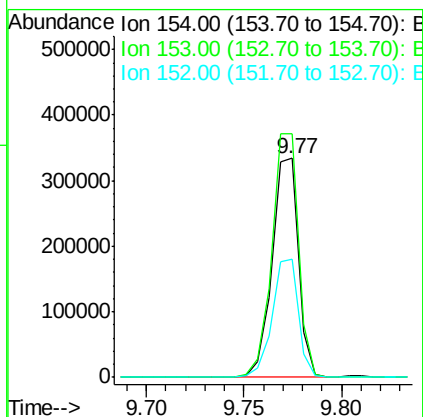
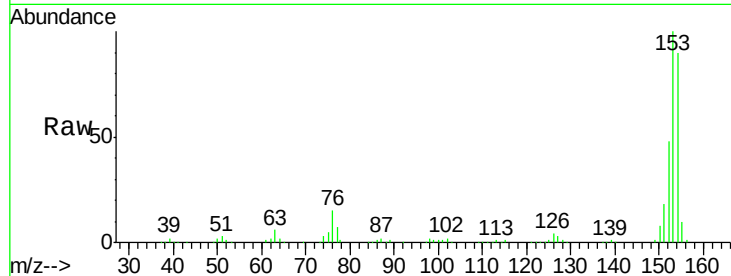




#51
Acenaphthene
Concen: 33.082 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

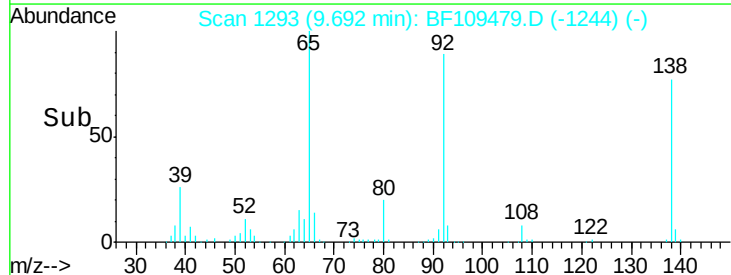
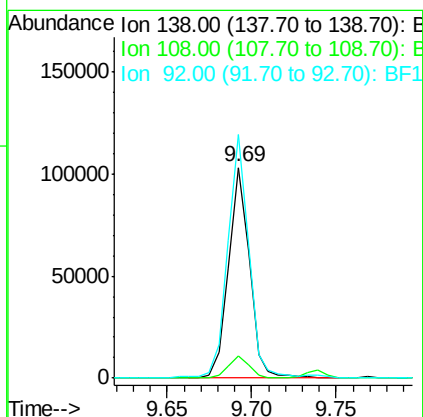
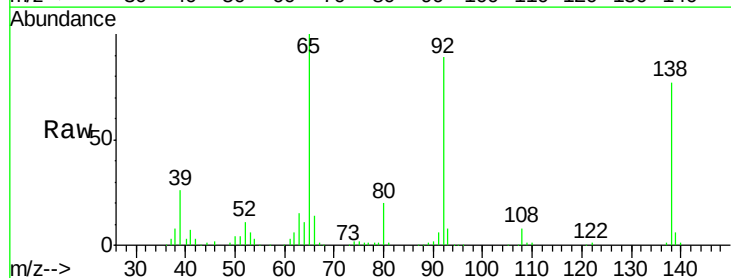
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

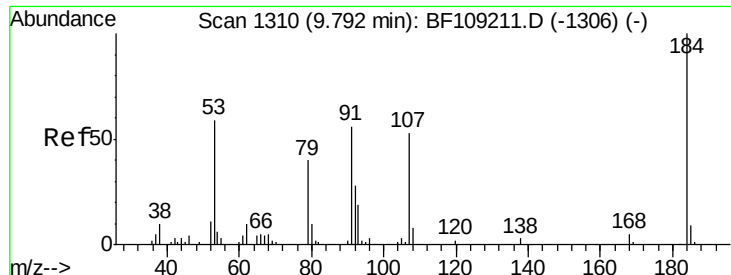
Tgt Ion:154 Resp: 313607
Ion Ratio Lower Upper
154 100
153 111.2 91.2 136.8
152 53.9 43.8 65.8



#52
3-Nitroaniline
Concen: 33.693 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:138 Resp: 89752
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 115.4 89.4 134.2

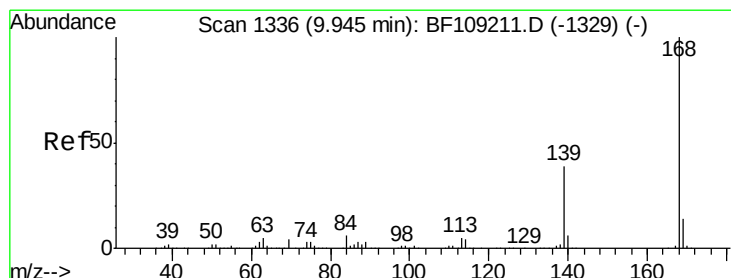
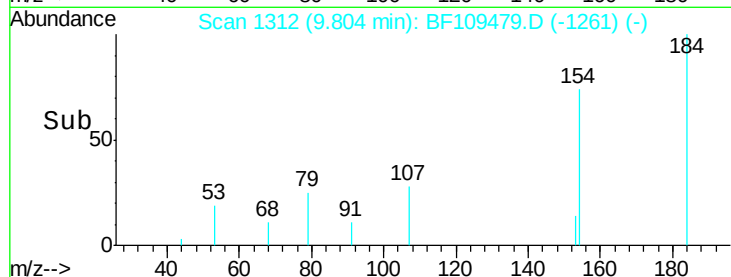
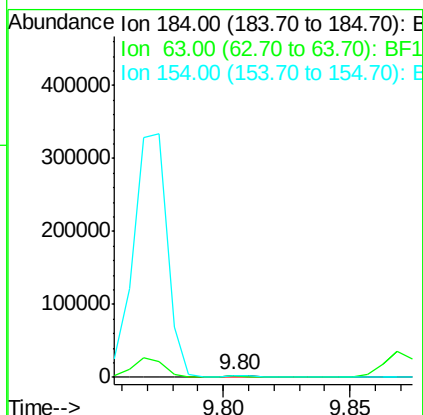
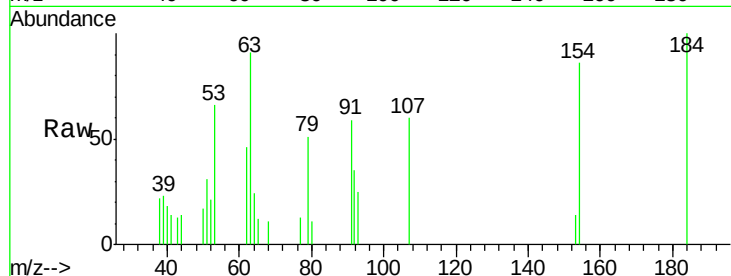




#53
2,4-Dinitrophenol
Concen: 12.159 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

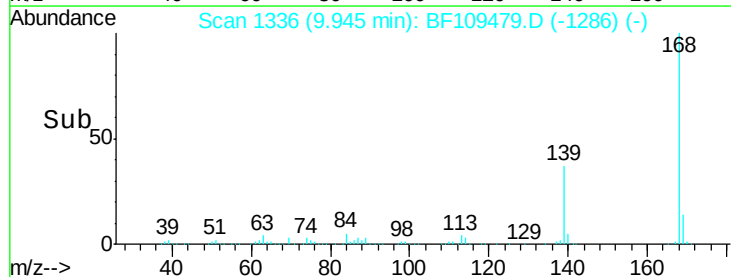
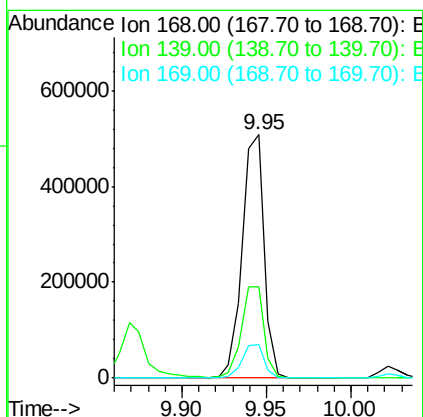
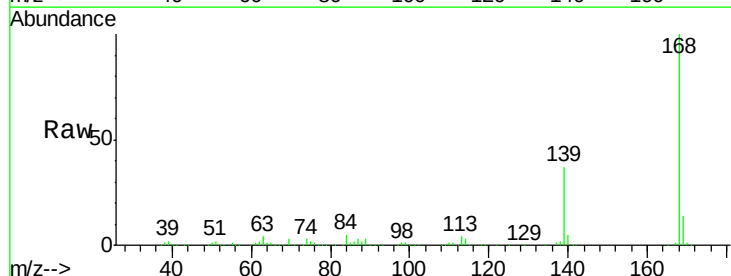
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

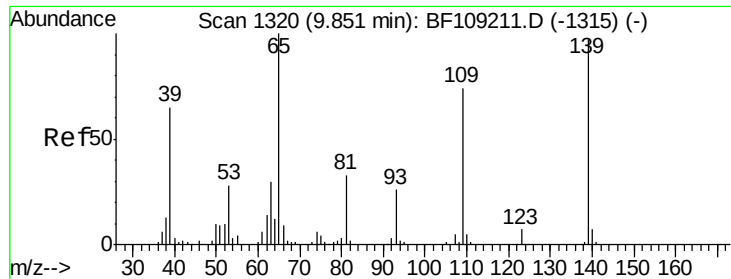
Tgt Ion:184 Resp: 3338
Ion Ratio Lower Upper
184 100
63 91.4 54.2 81.2#
154 86.4 184.0 276.0#



#54
Dibenzofuran
Concen: 32.730 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:168 Resp: 461423
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 13.6 10.9 16.3

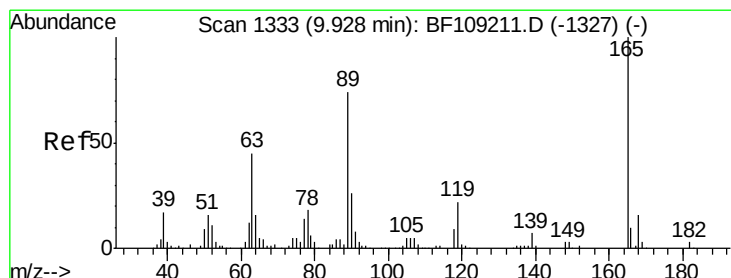
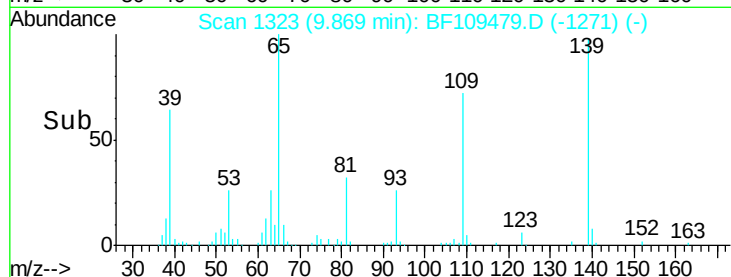
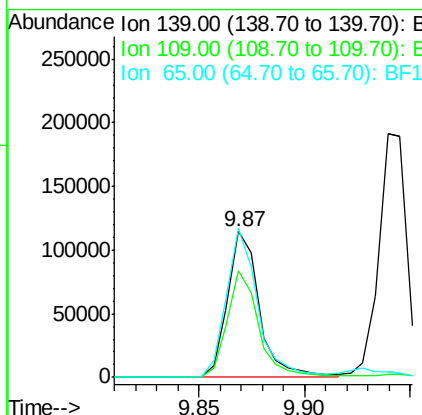
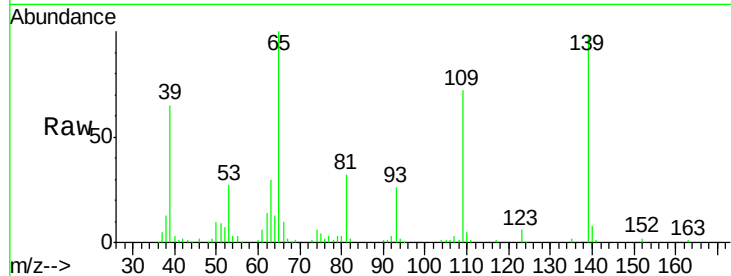




#55
4-Nitrophenol
Concen: 59.686 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

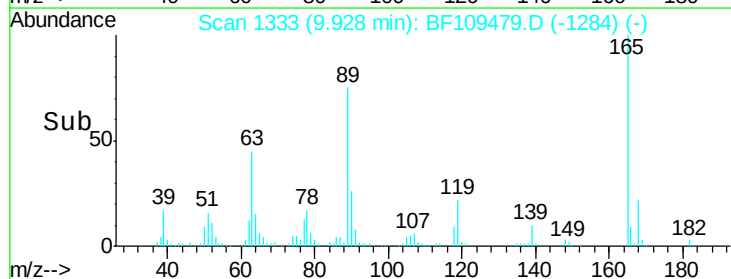
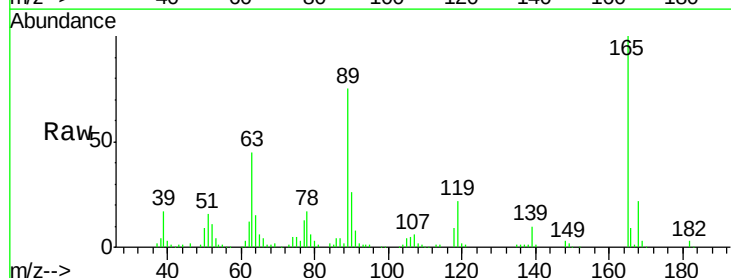
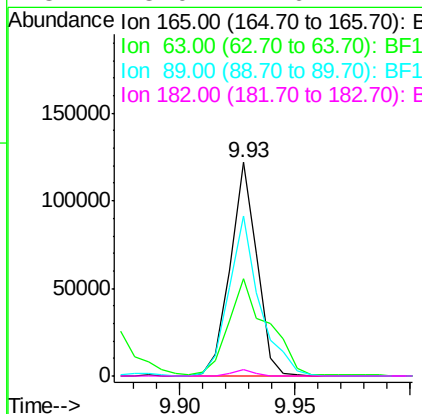
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

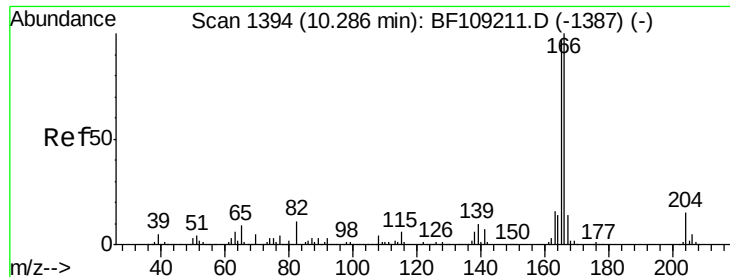
Tgt Ion:139 Resp: 119770
Ion Ratio Lower Upper
139 100
109 73.5 48.4 88.4
65 102.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 33.703 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:165 Resp: 98089
Ion Ratio Lower Upper
165 100
63 45.3 36.4 54.6
89 74.6 57.8 86.6
182 3.0 1.6 2.4#





#57

Fluorene

Concen: 34.410 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

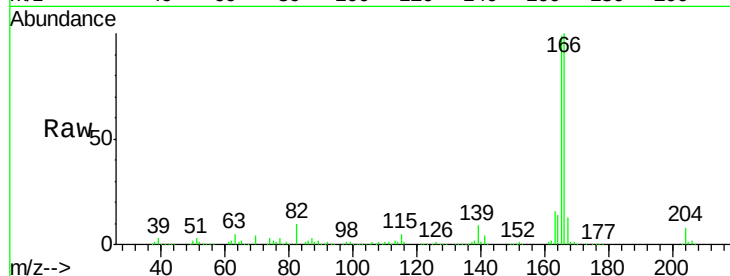
Tgt Ion:166 Resp: 346127

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

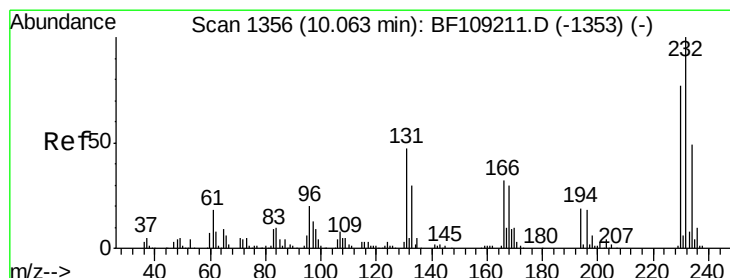
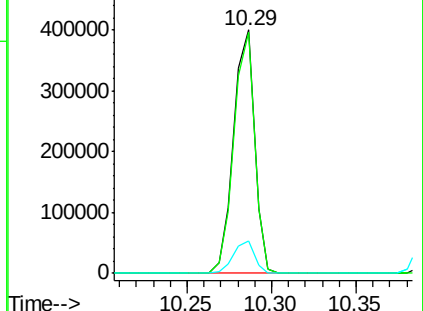
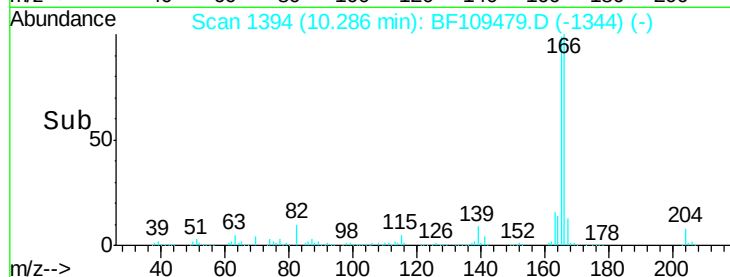
167 13.2 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.934 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Tgt Ion:232 Resp: 95281

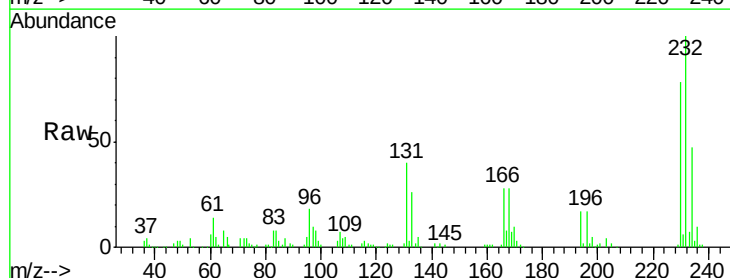
Ion Ratio Lower Upper

232 100

131 43.0 43.8 65.8#

130 2.2 2.1 3.1

166 29.7 27.8 41.6

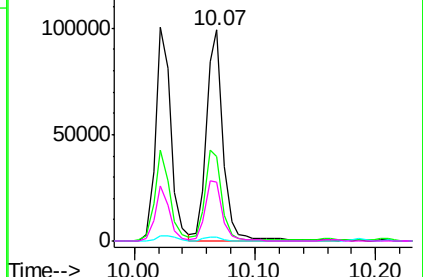
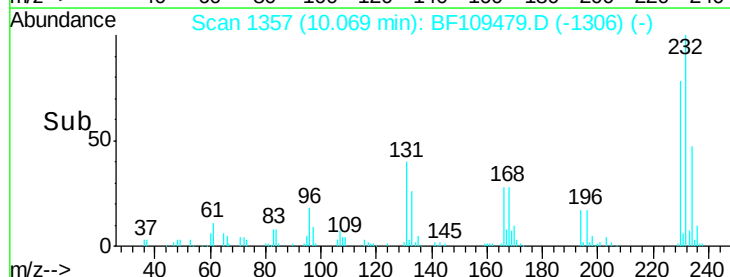


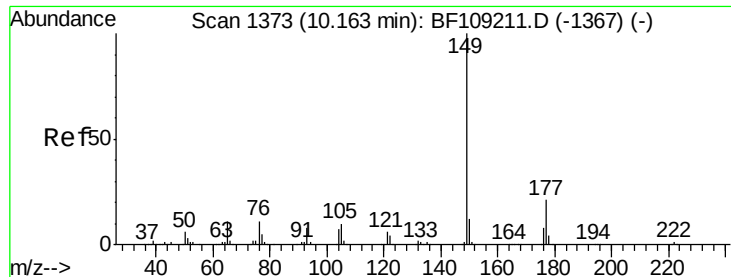
Abundance Ion 232.00 (231.70 to 232.70): E

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

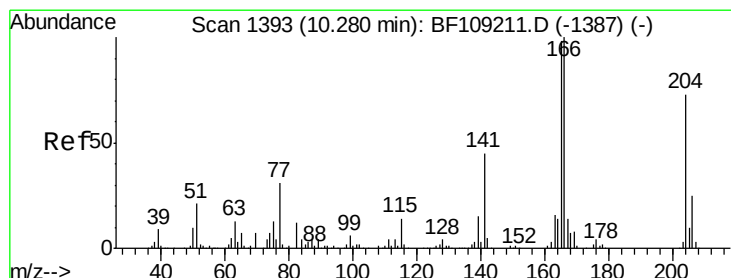
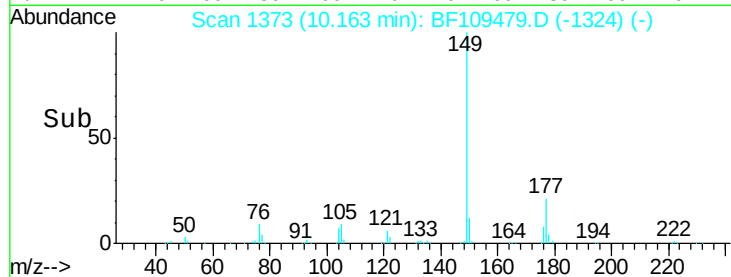
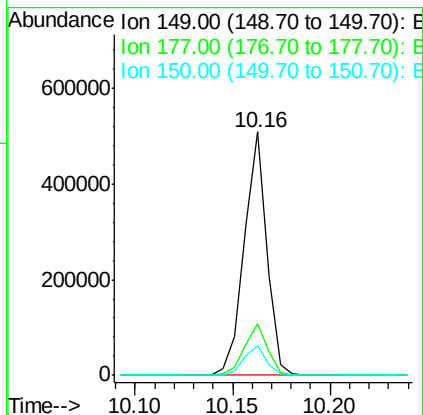
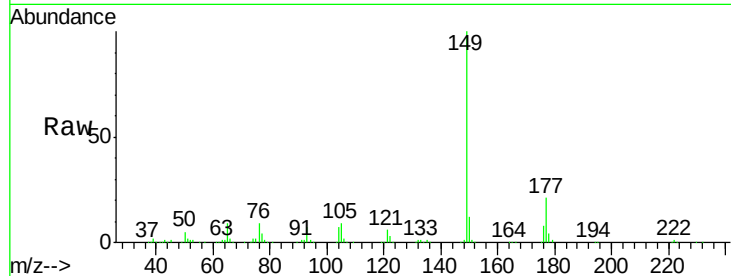




#59
Diethylphthalate
Concen: 34.691 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

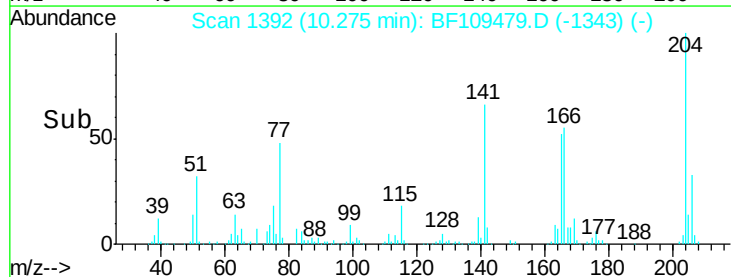
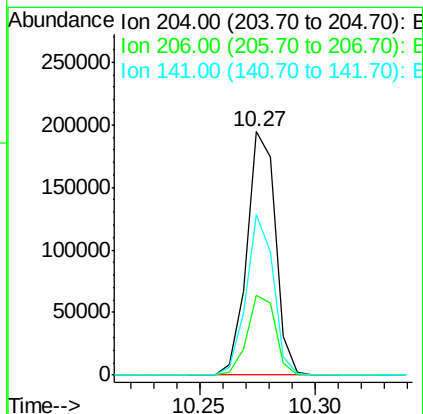
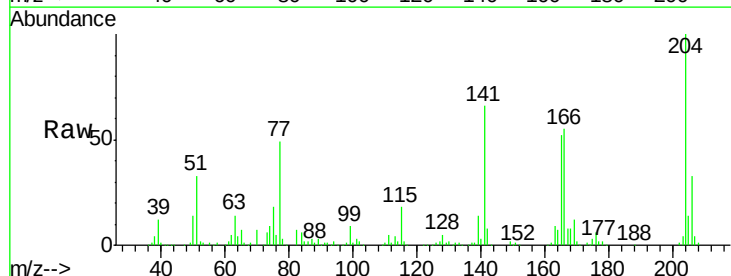
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

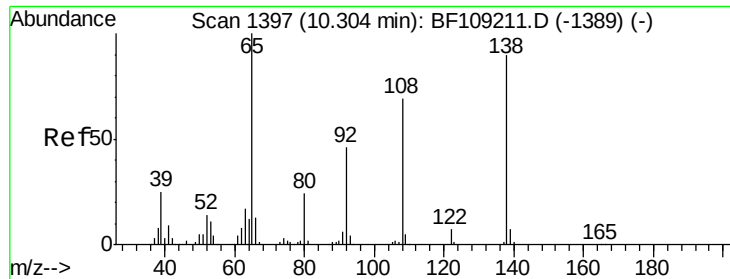
Tgt Ion:149 Resp: 407997
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.167 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:204 Resp: 169003
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.0 54.6 81.8

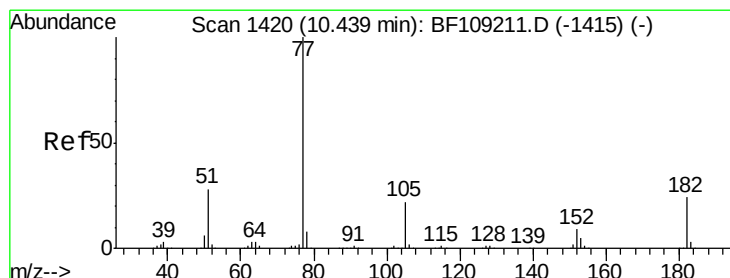
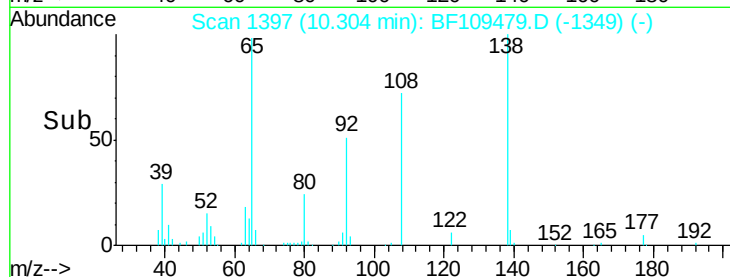
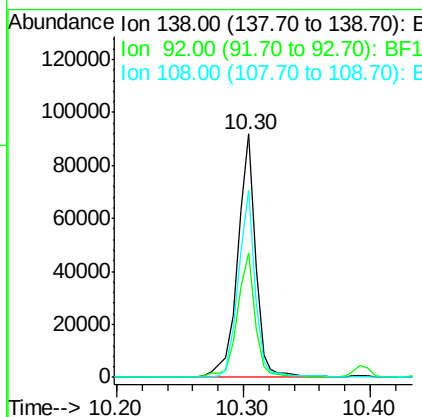
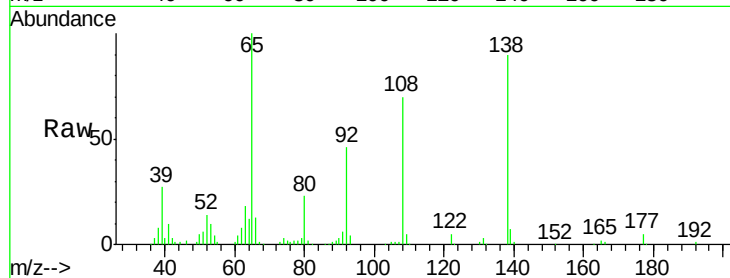




#61
4-Nitroaniline
Concen: 34.429 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

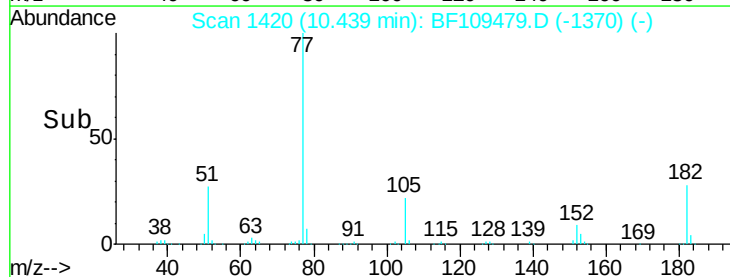
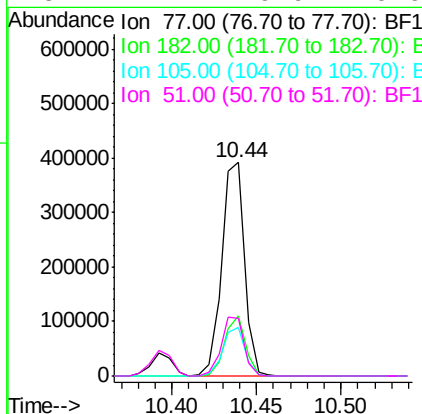
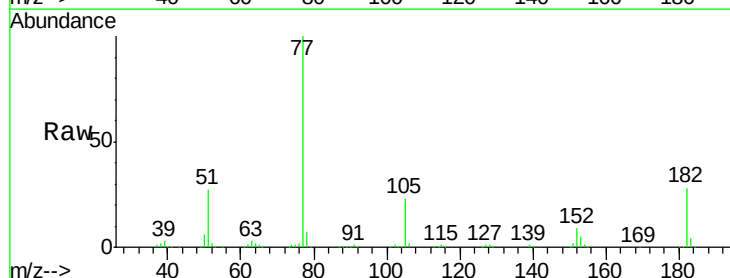
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

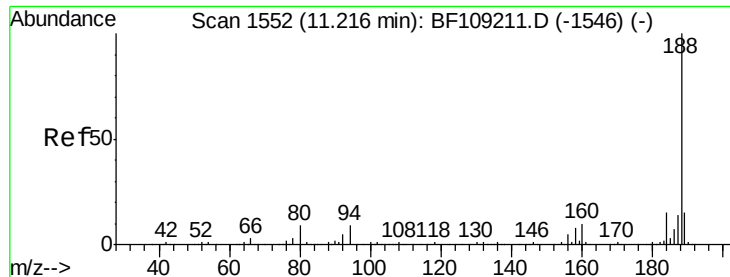
Tgt Ion: 138 Resp: 89439
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 76.8 52.5 92.5



#62
Azobenzene
Concen: 30.091 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion: 77 Resp: 367683
Ion Ratio Lower Upper
77 100
182 28.4 1.7 41.7
105 22.7 3.0 43.0
51 27.2 9.9 49.9

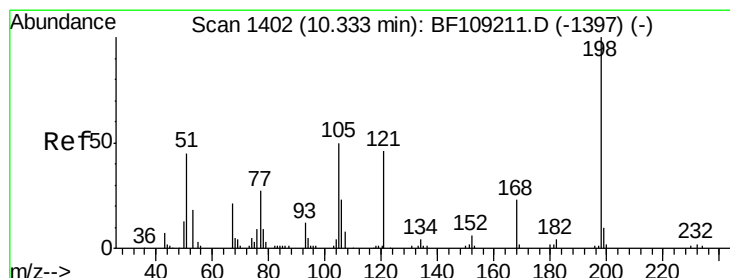
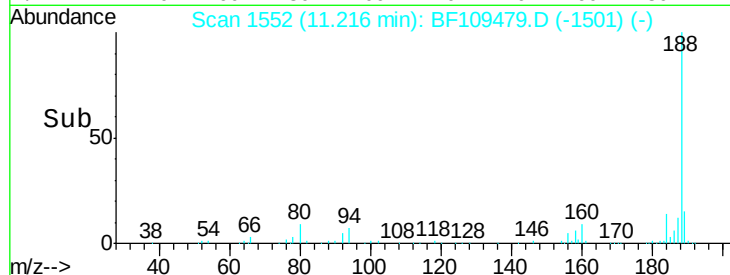
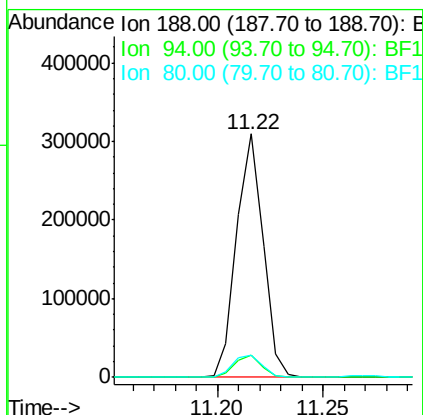
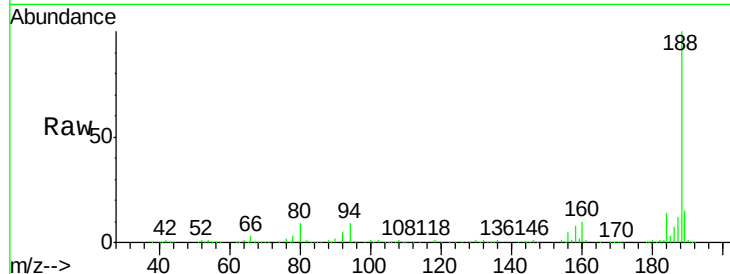




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

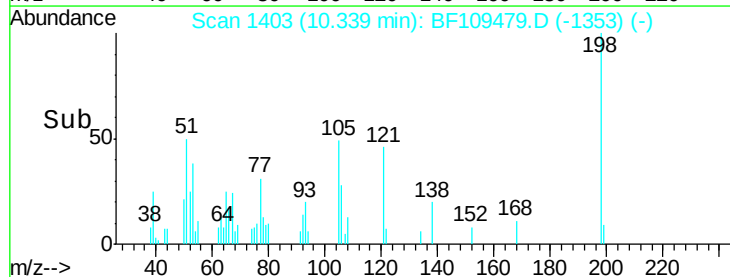
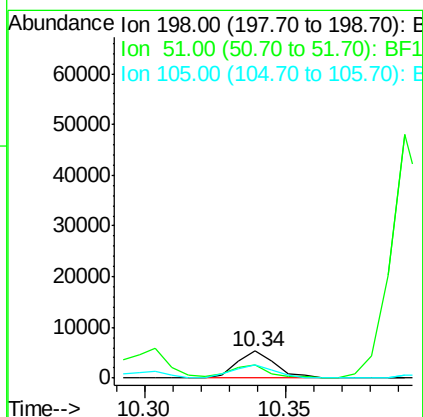
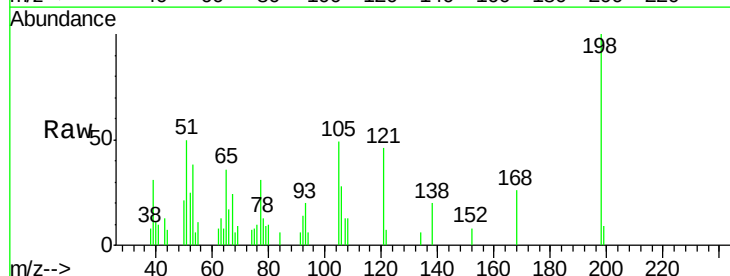
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

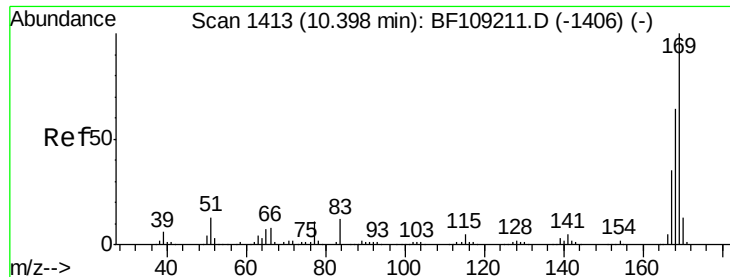
Tgt Ion:188 Resp: 270055
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.0 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.448 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion:198 Resp: 4913
 Ion Ratio Lower Upper
 198 100
 51 49.5 37.7 77.7
 105 49.2 36.3 76.3

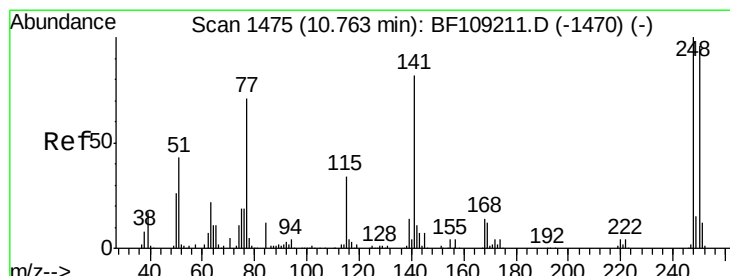
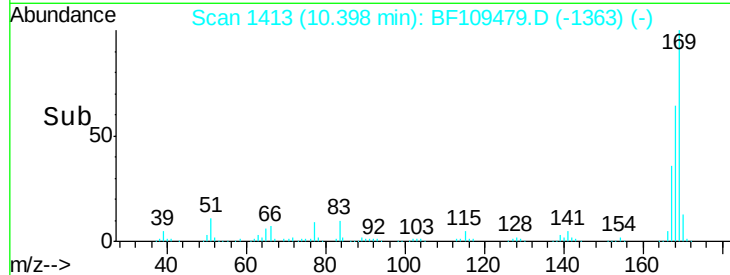
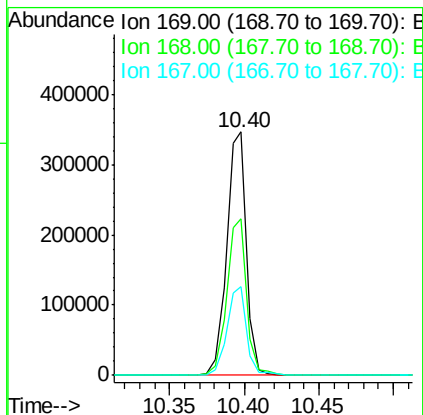
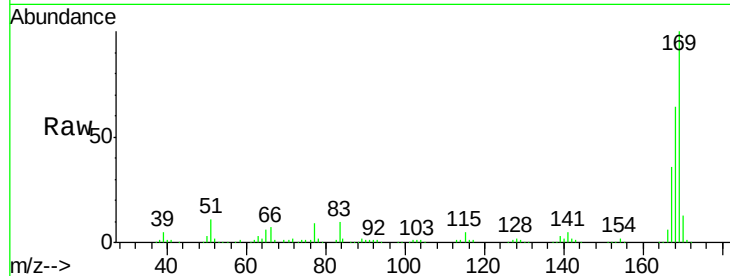




#65
 n-Nitrosodiphenylamine
 Concen: 36.402 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

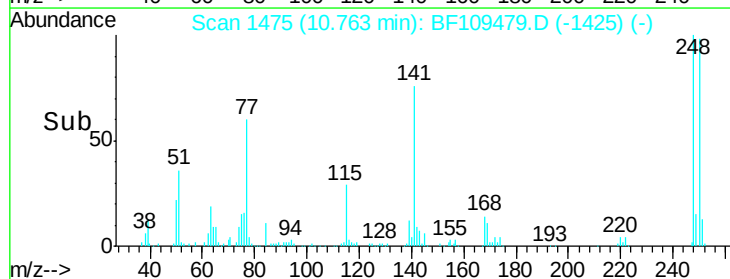
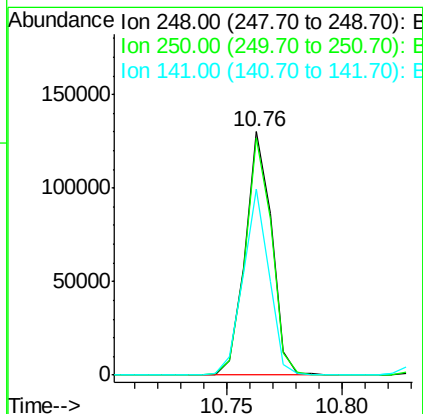
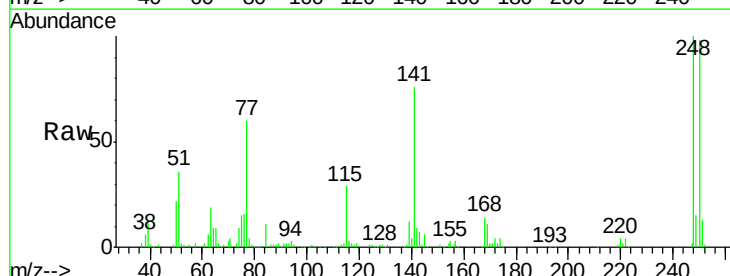
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

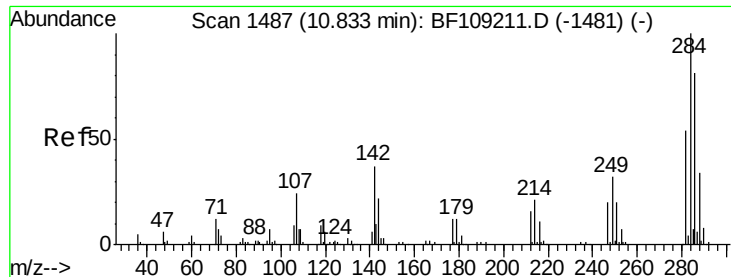
Tgt Ion:169 Resp: 324794
 Ion Ratio Lower Upper
 169 100
 168 64.3 54.4 81.6
 167 36.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 34.904 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion:248 Resp: 104672
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 76.2 74.4 111.6





#67

Hexachlorobenzene

Concen: 34.295 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

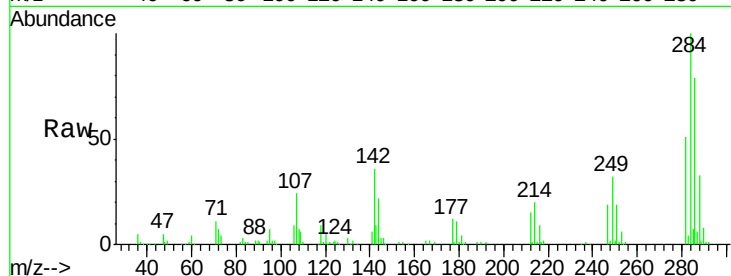
Tgt Ion:284 Resp: 109229

Ion Ratio Lower Upper

284 100

142 35.6 34.6 52.0

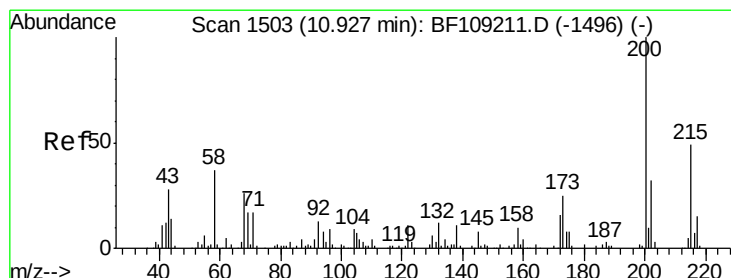
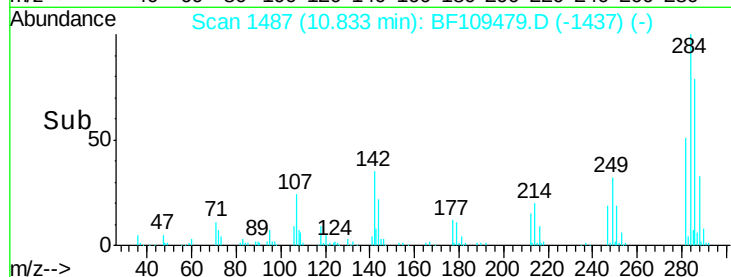
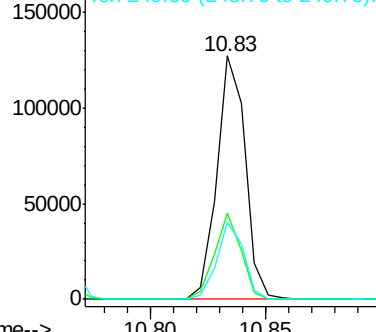
249 31.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.149 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

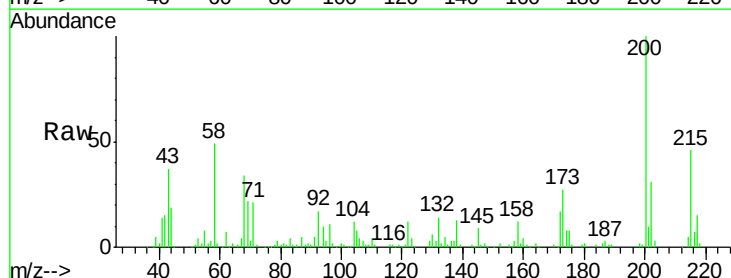
Tgt Ion:200 Resp: 101942

Ion Ratio Lower Upper

200 100

173 27.0 8.6 48.6

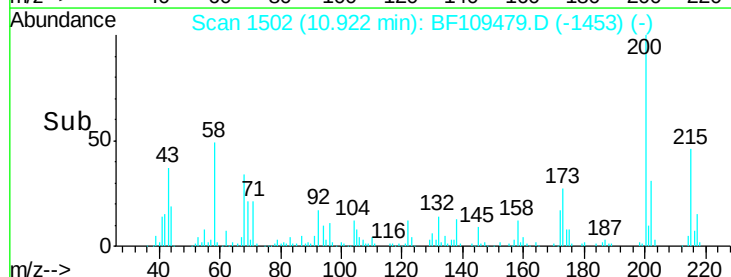
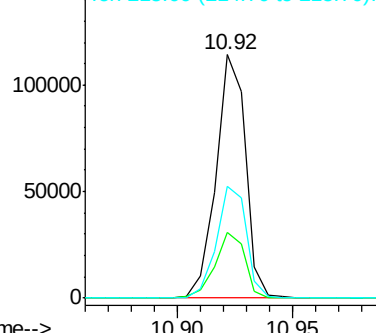
215 45.9 25.1 65.1

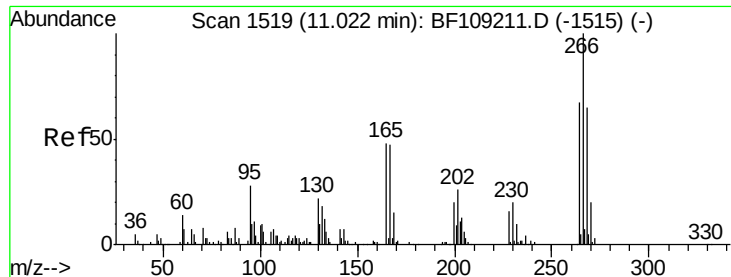


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

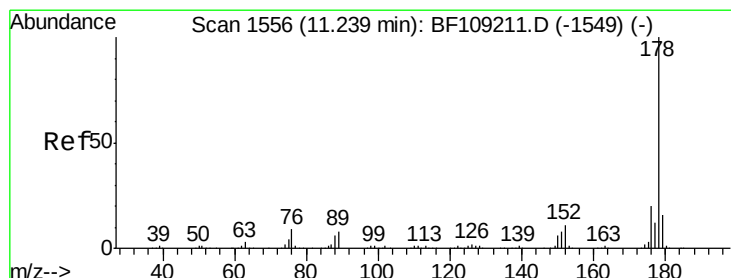
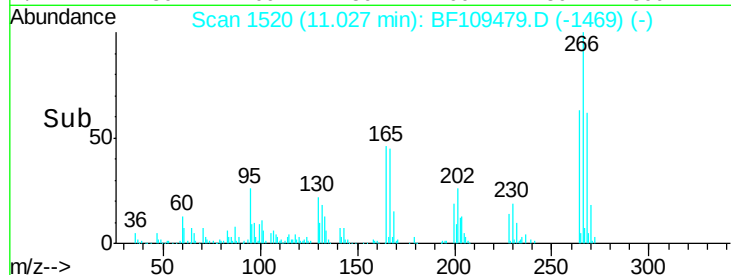
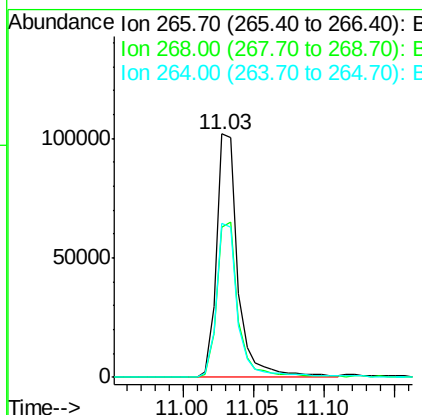
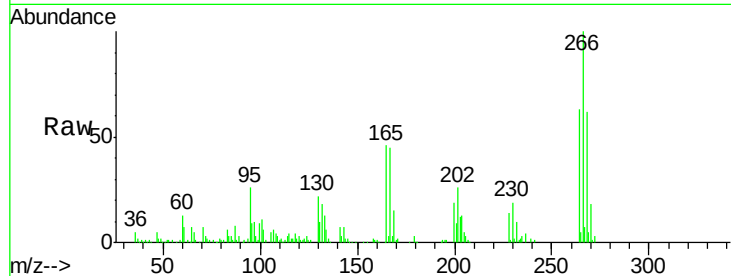




#69
 Pentachlorophenol
 Concen: 57.005 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

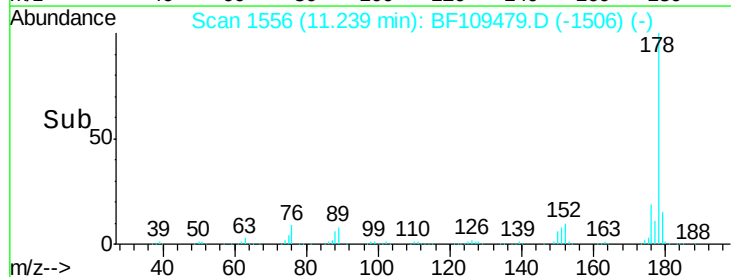
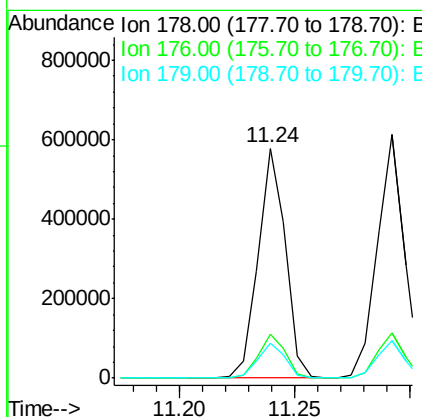
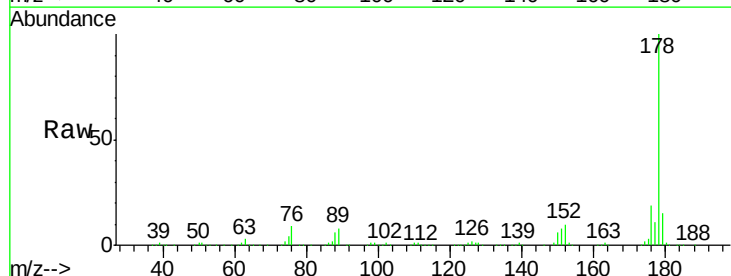
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

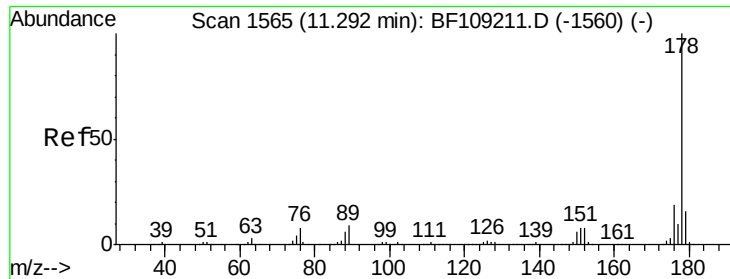
Tgt Ion: 266 Resp: 108665
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 35.400 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion: 178 Resp: 477326
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.4 13.0 19.6

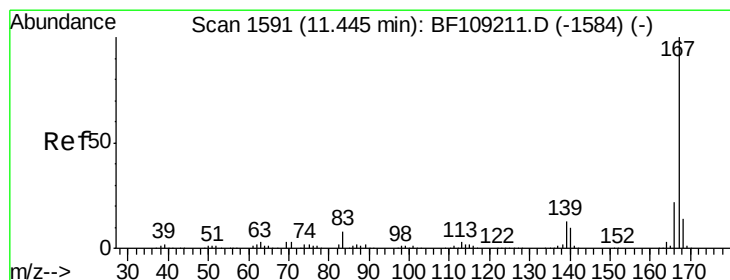
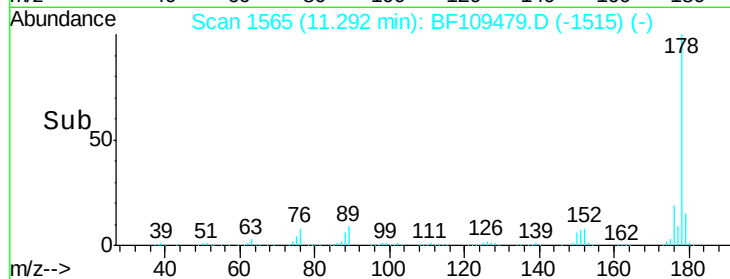
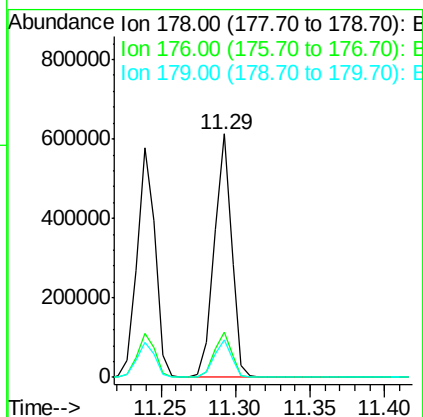
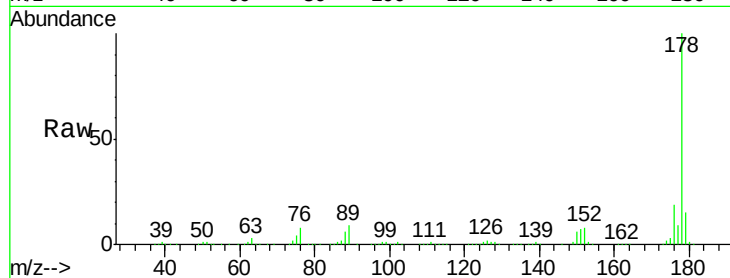




#71
 Anthracene
 Concen: 36.322 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

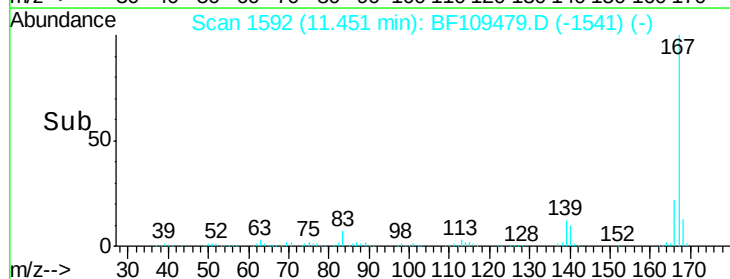
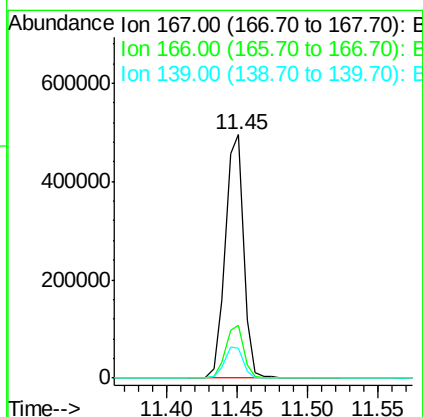
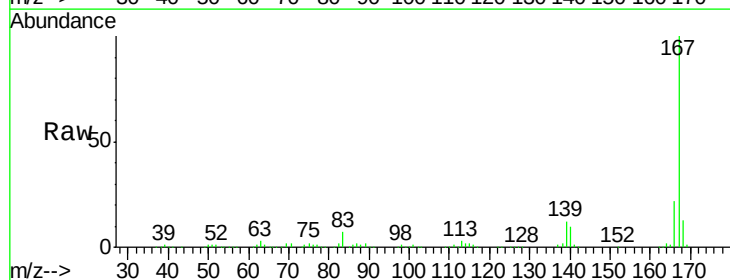
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

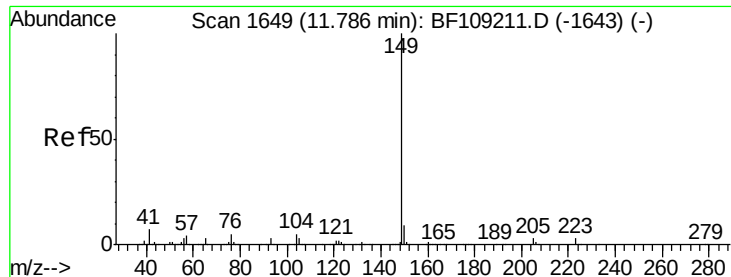
Tgt Ion:178 Resp: 496745
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 32.968 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion:167 Resp: 448599
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.3 10.9 16.3

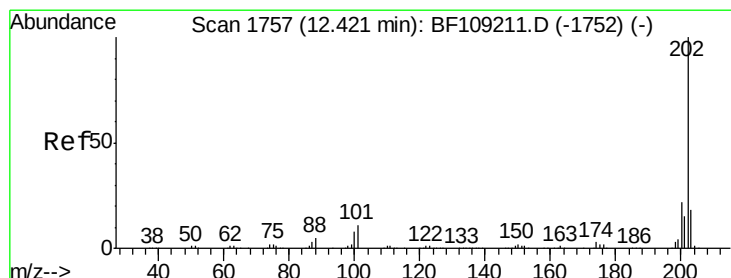
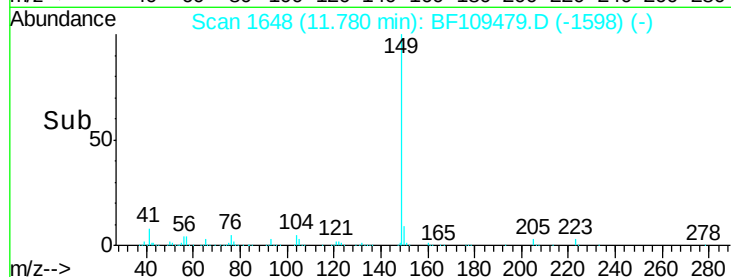
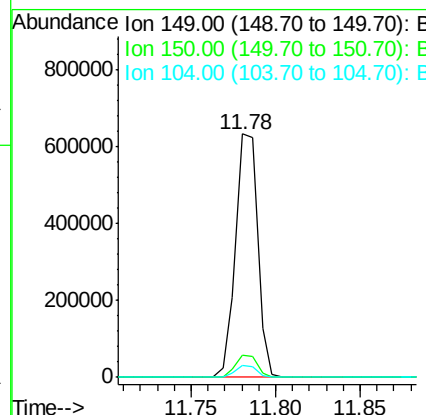
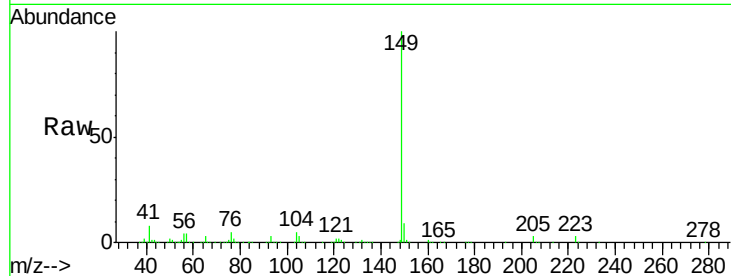




#73
 Di-n-butylphthalate
 Concen: 36.702 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

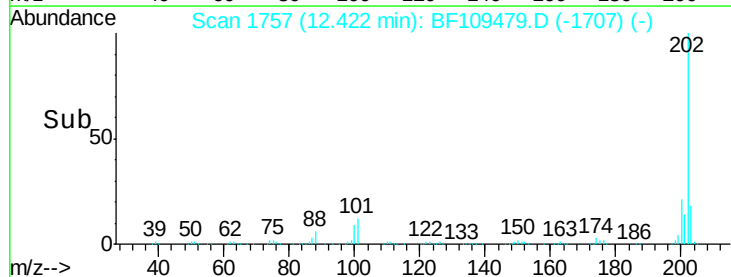
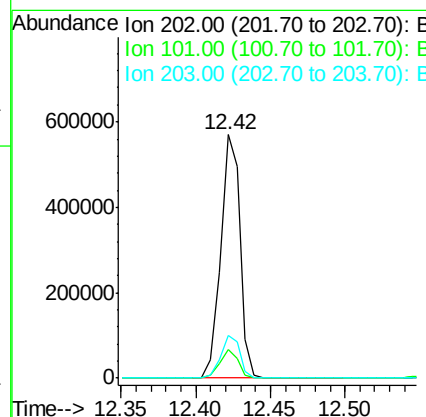
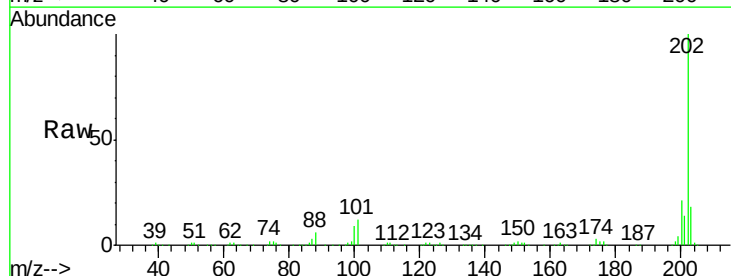
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

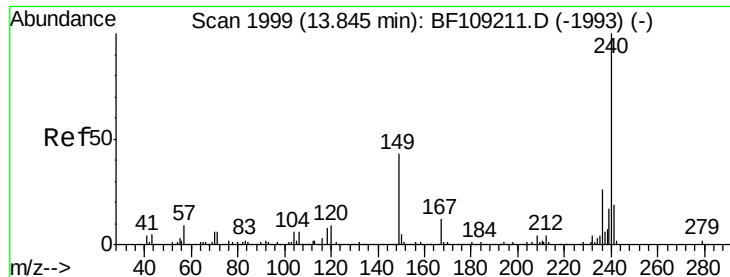
Tgt Ion:149 Resp: 574921
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 5.0 3.8 5.8



#74
 Fluoranthene
 Concen: 35.891 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion:202 Resp: 517177
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 34.1
 203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

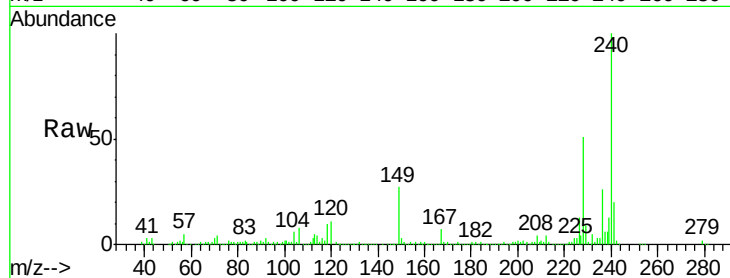
Tgt Ion:240 Resp: 223574

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

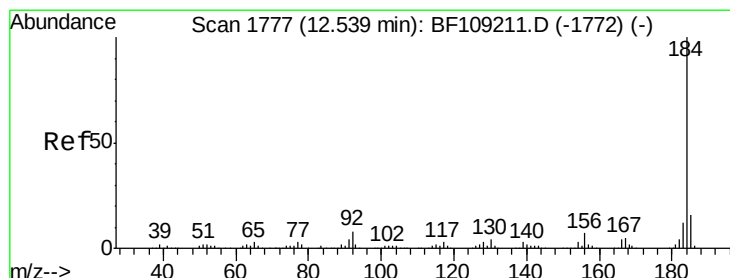
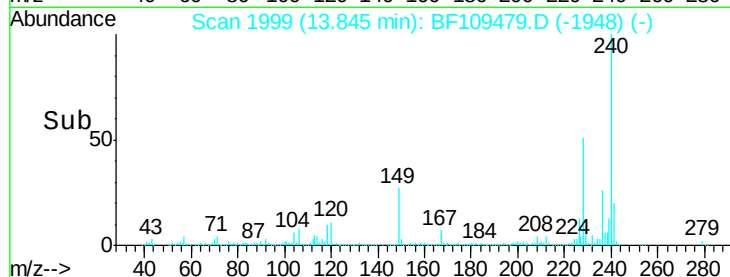
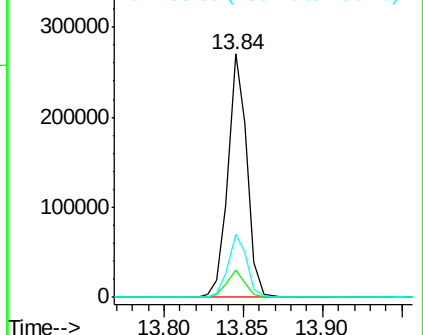
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.751 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

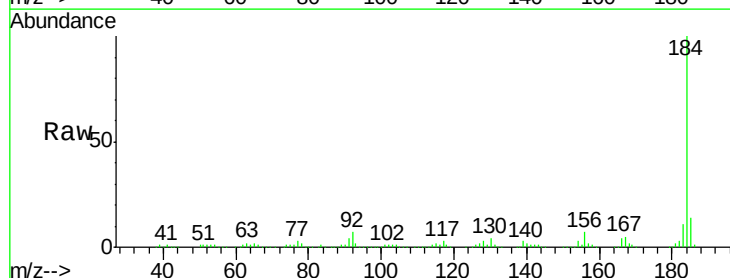
Tgt Ion:184 Resp: 417161

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

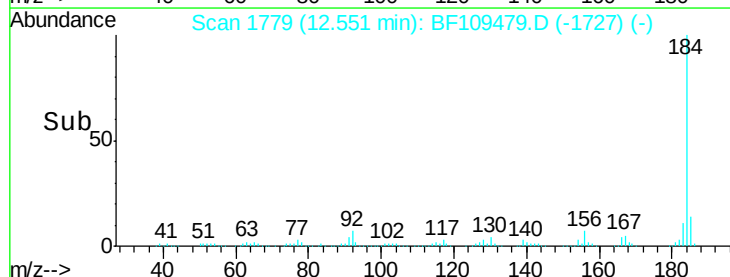
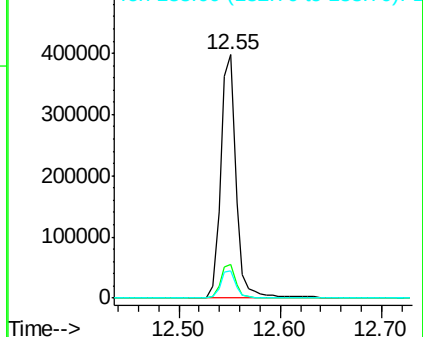
183 11.2 9.3 13.9

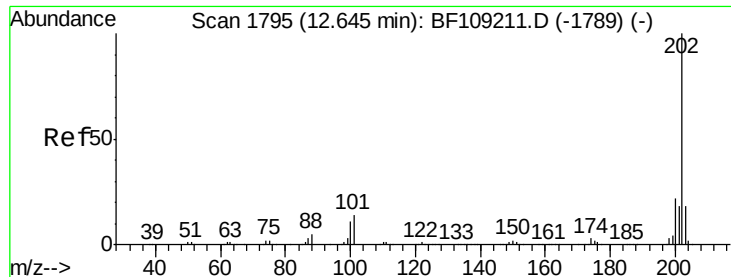


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

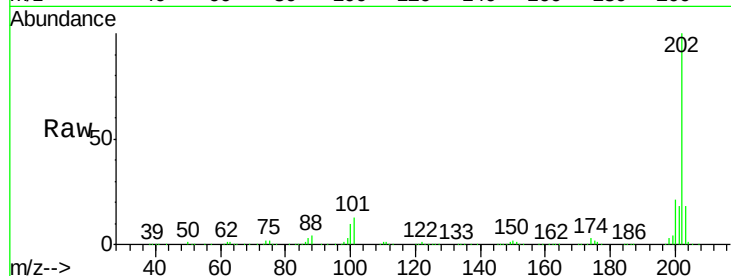




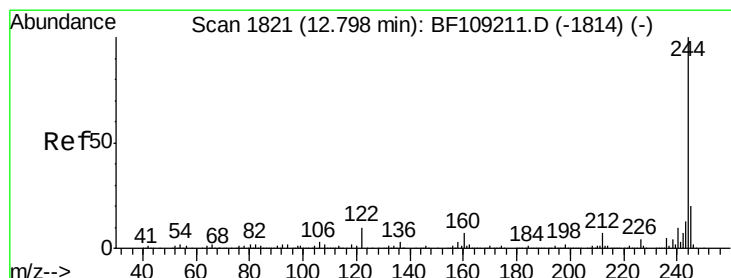
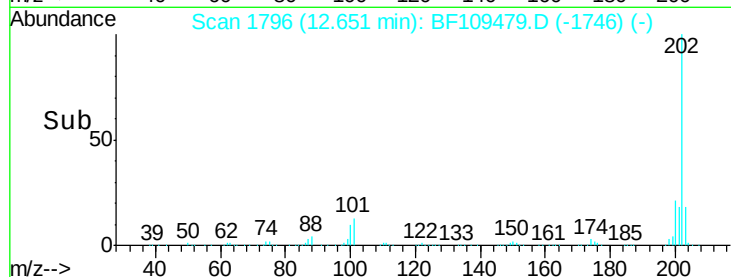
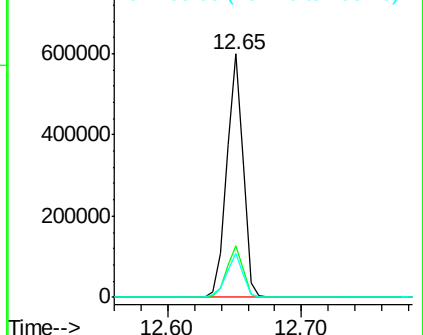
#77
 Pyrene
 Concen: 32.437 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5

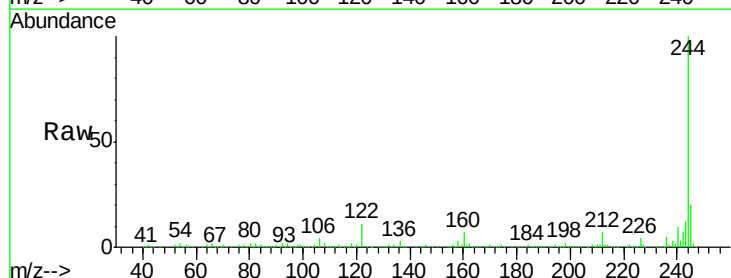


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

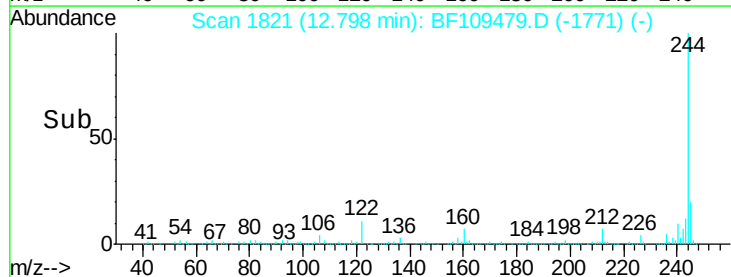
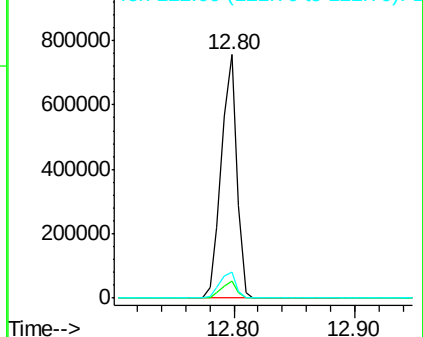


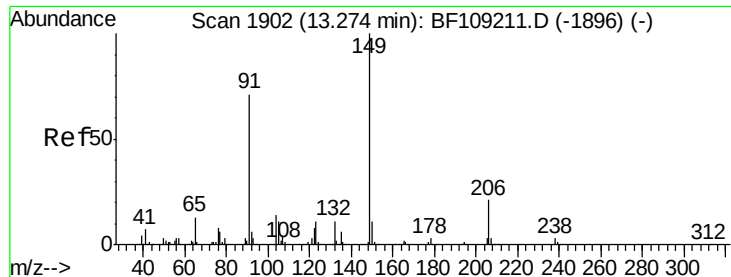
#78
 Terphenyl-d14
 Concen: 73.096 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.6	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

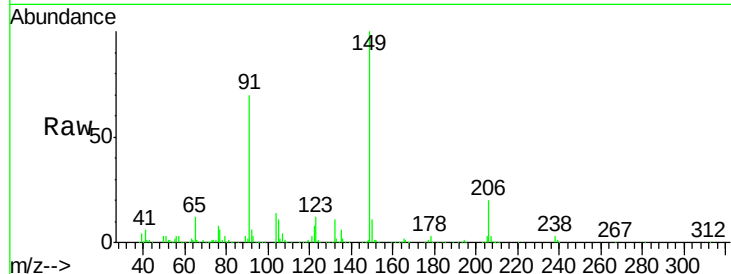




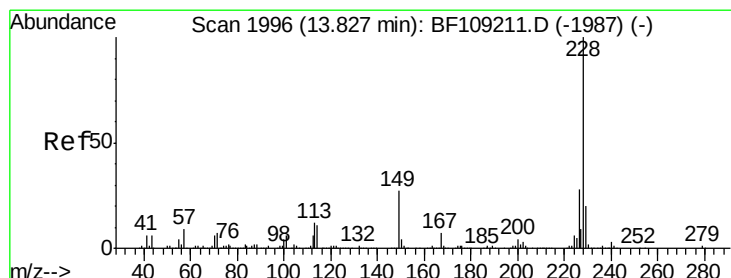
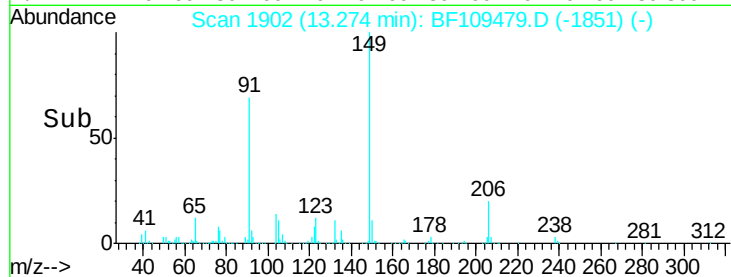
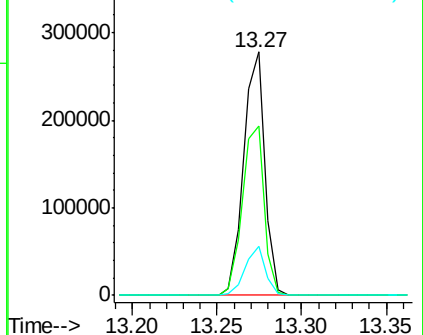
#79
Butylbenzylphthalate
Concen: 35.620 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tgt Ion:149 Resp: 242820
Ion Ratio Lower Upper
149 100
91 69.6 56.8 85.2
206 20.2 14.1 21.1

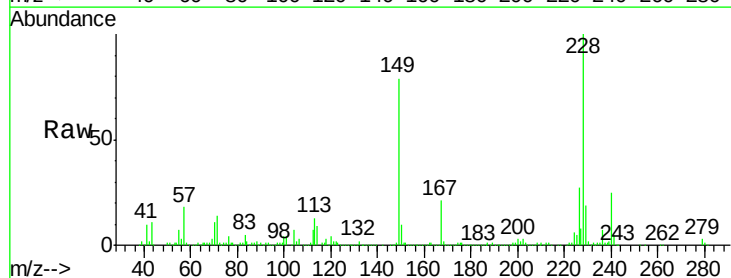


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

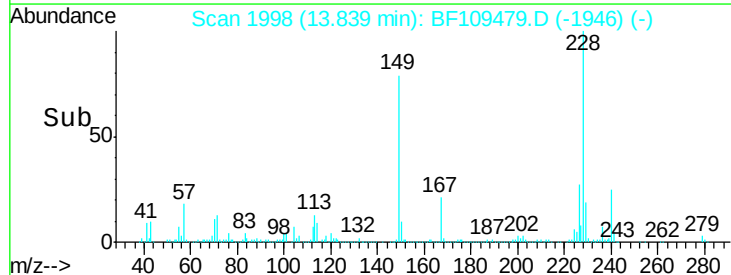
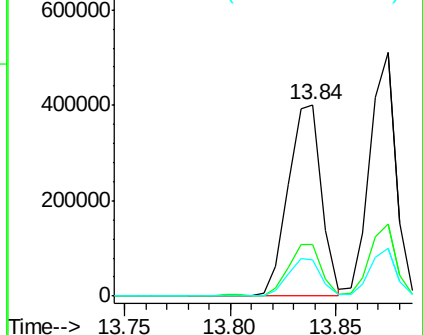


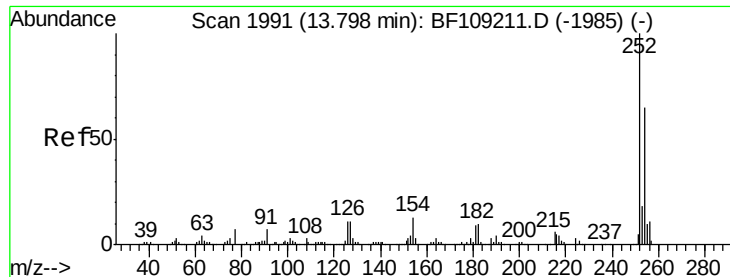
#80
Benzo(a)anthracene
Concen: 32.777 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:228 Resp: 441387
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.2 15.8 23.6



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

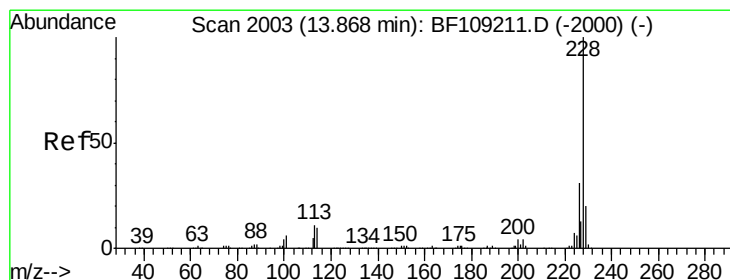
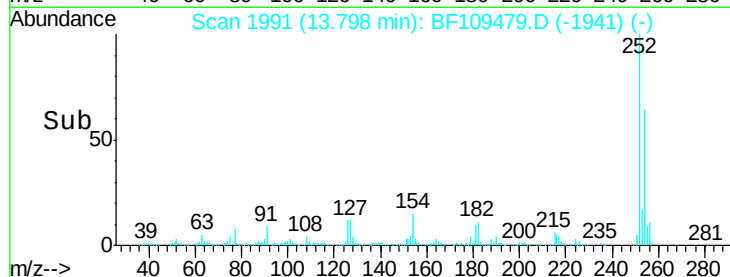
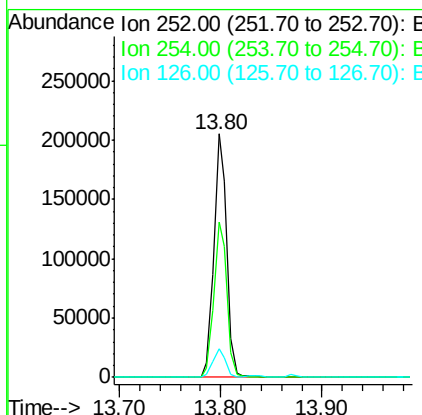
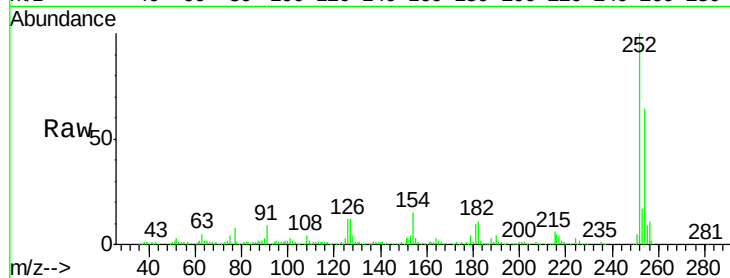




#81
 3,3'-Dichlorobenzidine
 Concen: 35.622 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

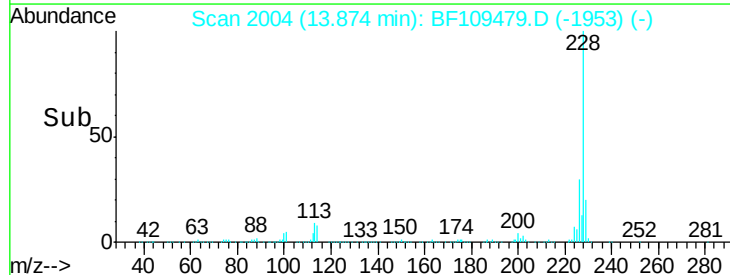
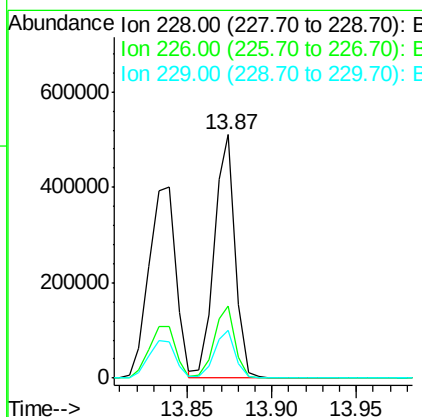
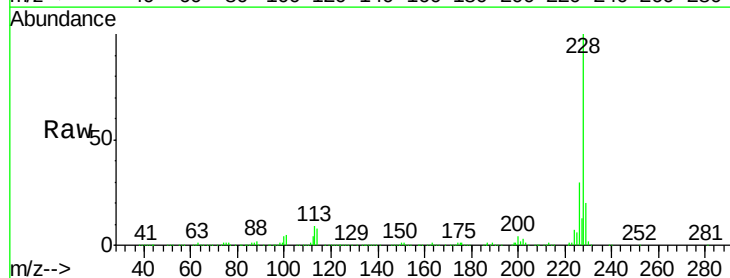
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

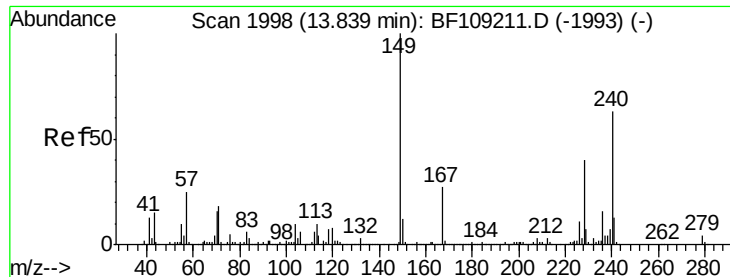
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	11.8	11.3	16.9



#82
 Chrysene
 Concen: 32.859 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.880 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

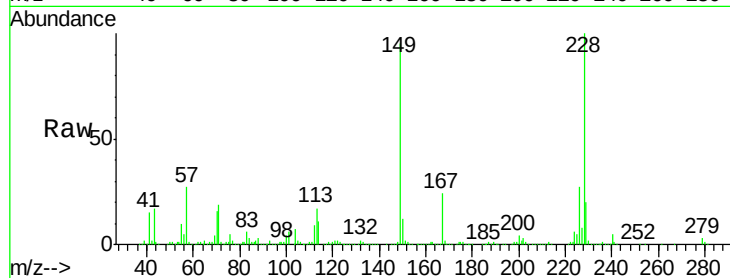
Tgt Ion:149 Resp: 325662

Ion Ratio Lower Upper

149 100

167 25.2 21.3 31.9

279 3.4 3.0 4.4



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

13.83

400000

300000

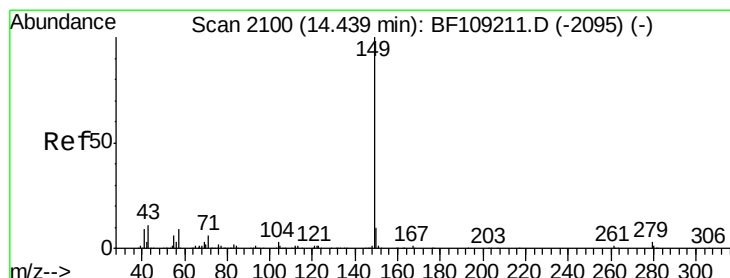
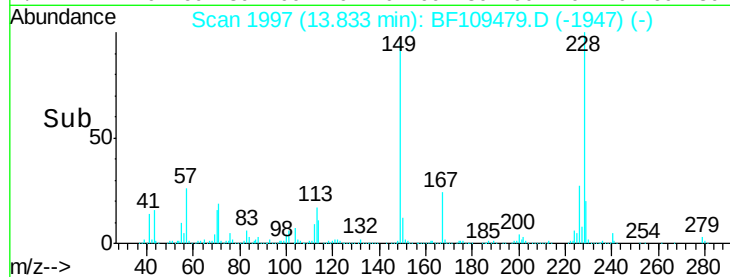
200000

100000

0

13.80 13.85

Time-->



#84

Di-n-octyl phthalate

Concen: 38.969 ng

RT: 14.44 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

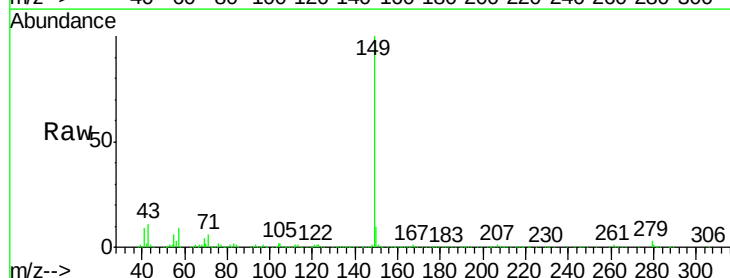
Tgt Ion:149 Resp: 572831

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.8 8.4 12.6



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

14.44

800000

600000

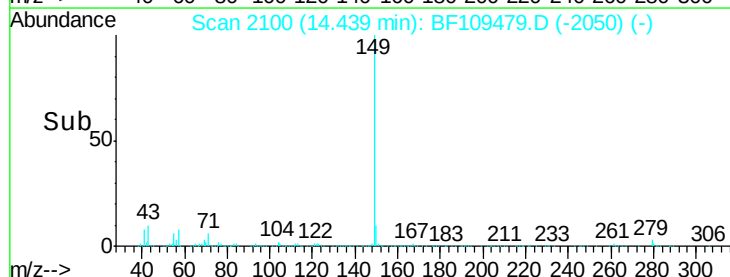
400000

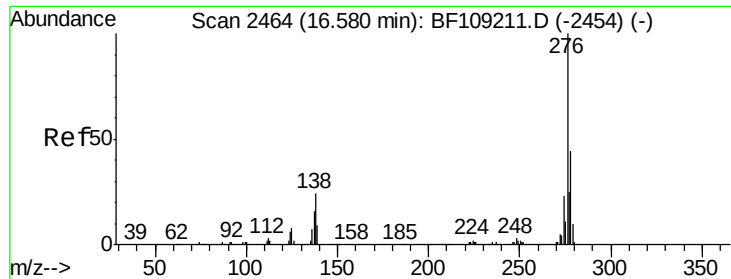
200000

0

14.40 14.45 14.50

Time-->

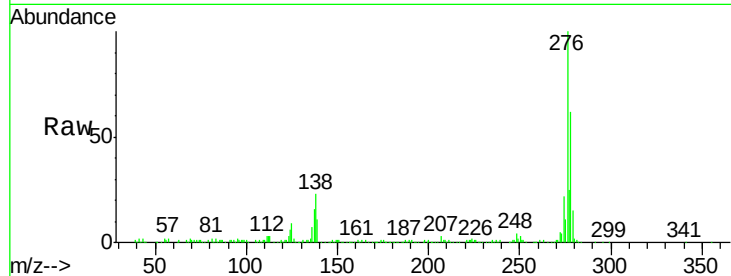




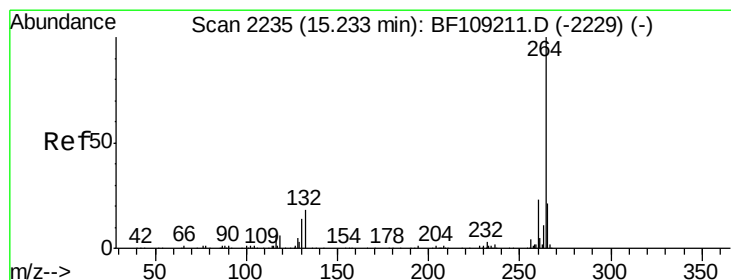
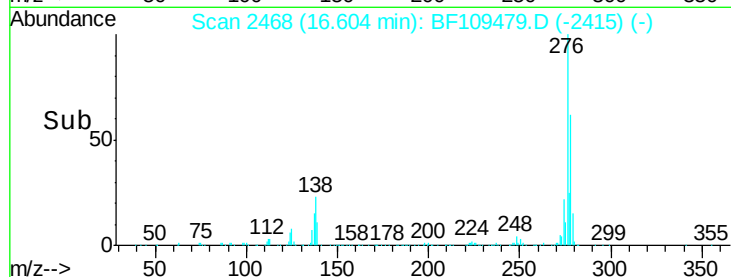
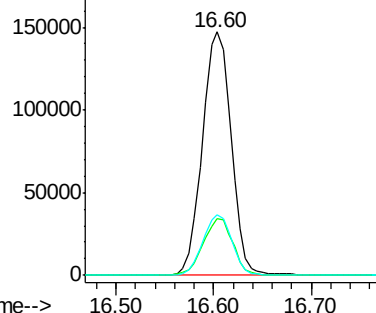
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.020 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	25.1	20.1	30.1

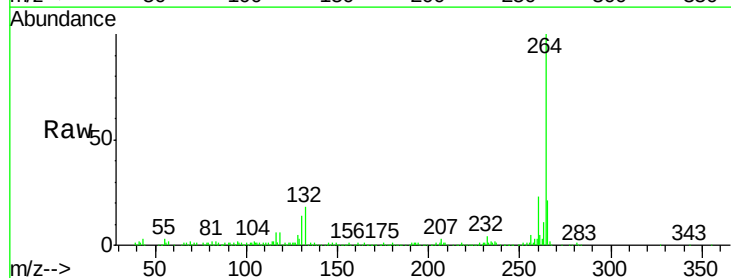


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

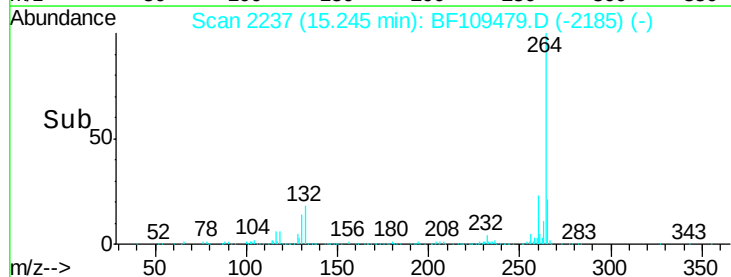
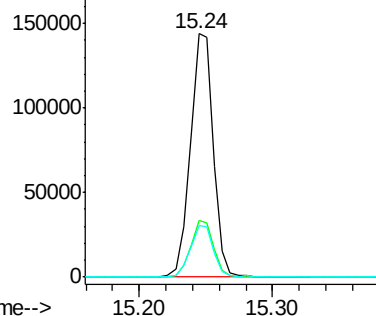


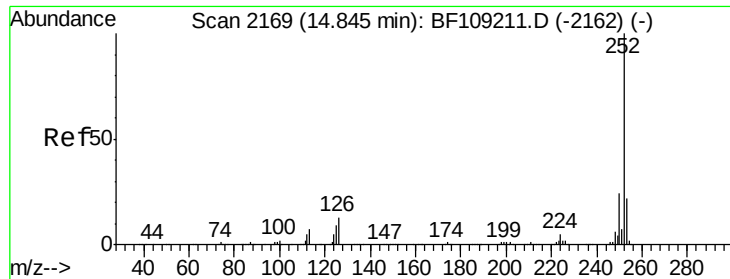
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109479.D
 Acq: 1 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3



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

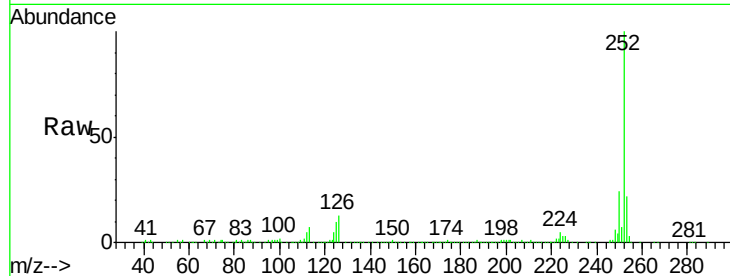




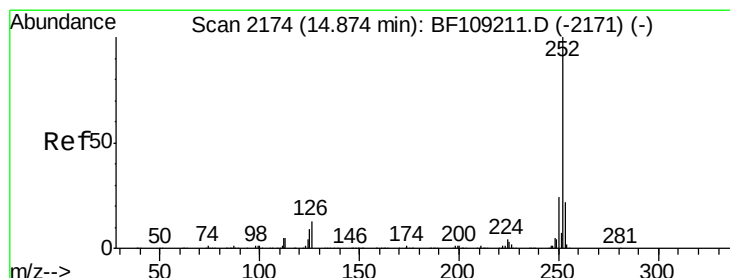
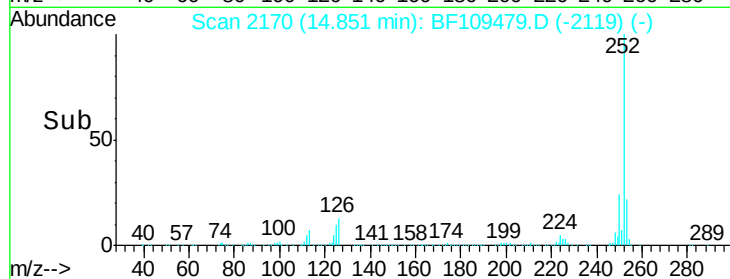
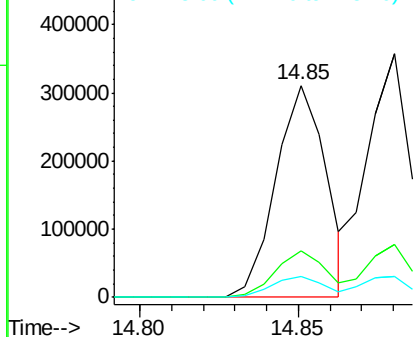
#87
Benzo(b)fluoranthene
Concen: 35.713 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MSD

Tgt Ion:252 Resp: 342904
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.9 9.0 13.6

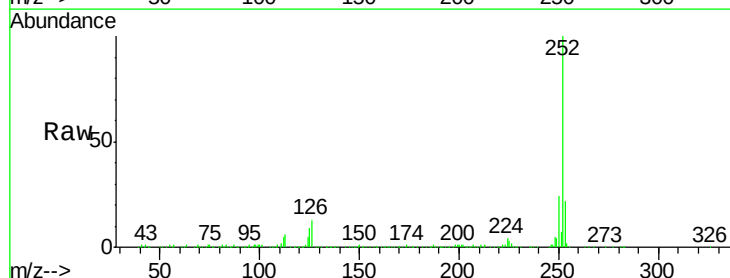


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

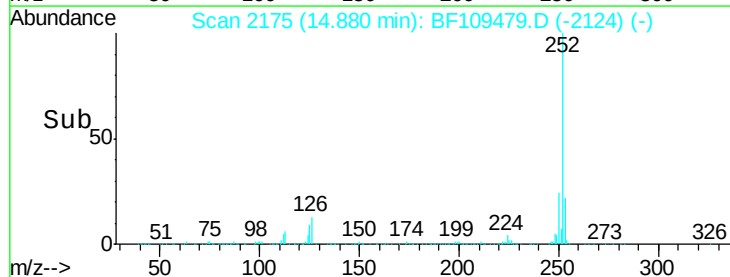
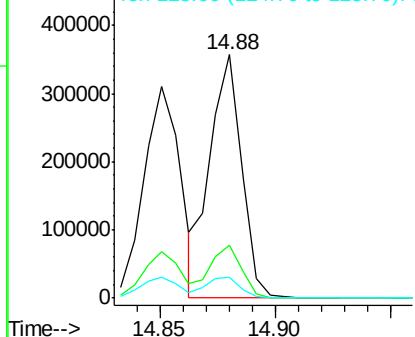


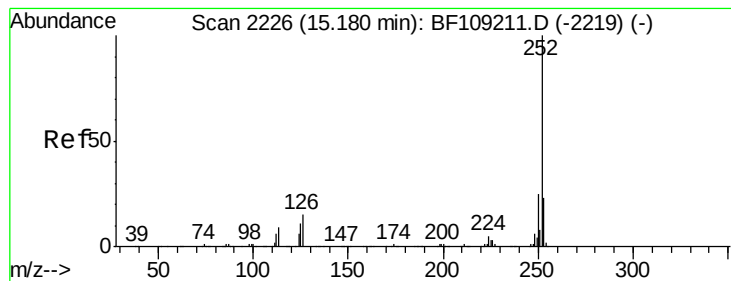
#88
Benzo(k)fluoranthene
Concen: 37.114 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109479.D
Acq: 1 Oct 2018 18:12

Tgt Ion:252 Resp: 338148
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.8 10.2 15.2#



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(a)pyrene

Concen: 35.327 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD

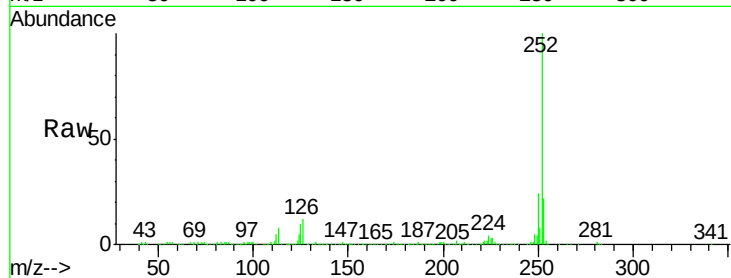
Tgt Ion:252 Resp: 305645

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

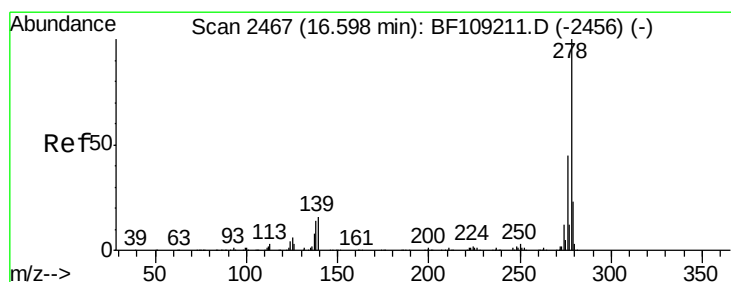
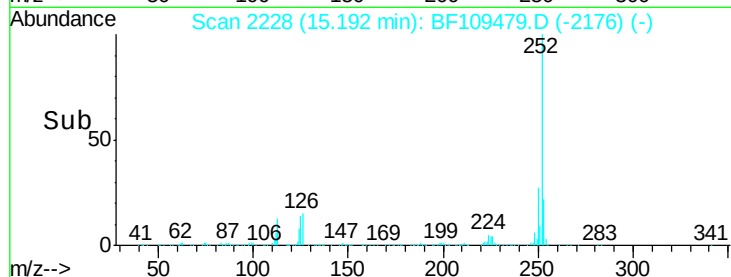
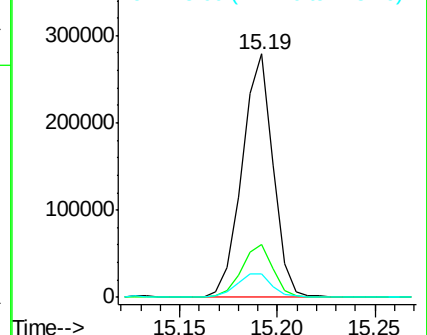
125 9.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.987 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF109479.D

Acq: 1 Oct 2018 18:12

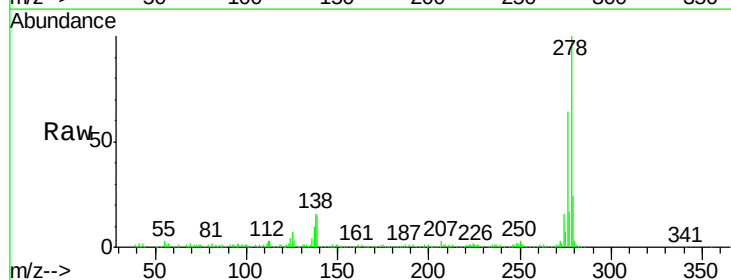
Tgt Ion:278 Resp: 255433

Ion Ratio Lower Upper

278 100

139 15.1 15.9 23.9#

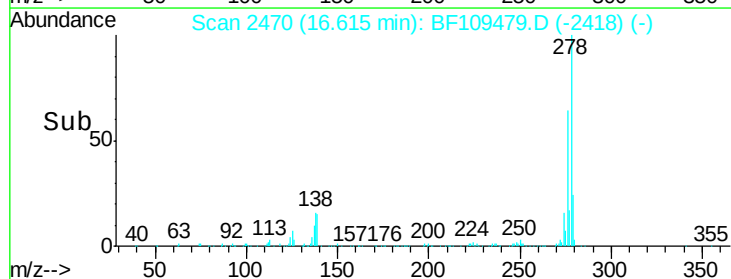
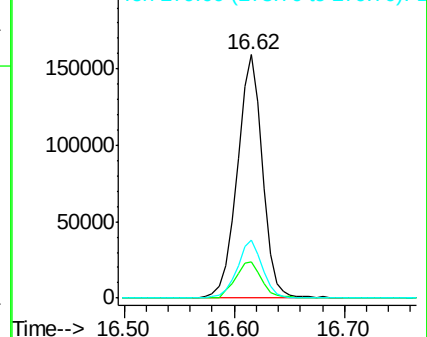
279 23.8 19.0 28.4

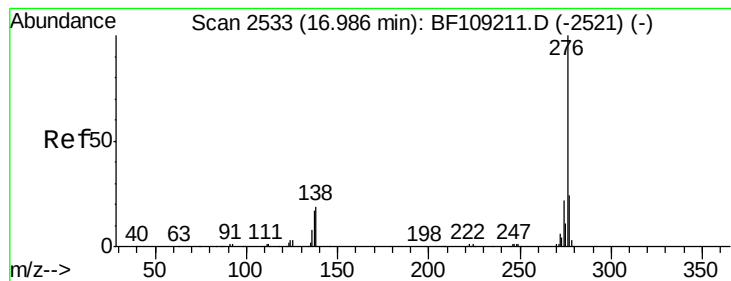


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.709 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF109479.D

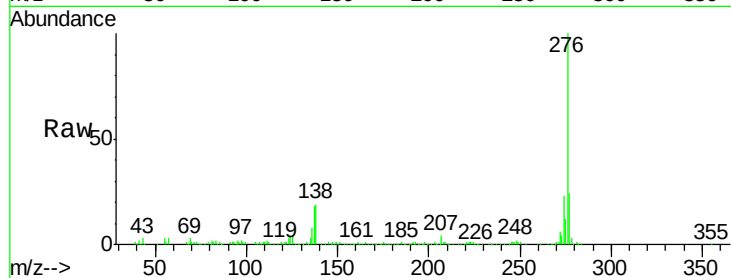
Acq: 1 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MSD



Tgt Ion:	276	Resp:	249101
Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	18.8	21.8	32.8#

