

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109478.D
 Acq On : 1 Oct 2018 17:47
 Operator : JU/SJ
 Sample : J5145-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 01 18:14:27 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	112558	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	440096	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	201664	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	360144	20.00	ng	0.00
75) Chrysene-d12	13.84	240	251193	20.00	ng	0.00
86) Perylene-d12	15.25	264	235822	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	635160	92.94	ng	0.01
7) Phenol-d6	6.36	99	779986	89.45	ng	0.00
23) Nitrobenzene-d5	7.27	82	492434	66.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	186819	93.97	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	858112	64.18	ng	-0.01
78) Terphenyl-d14	12.80	244	730508	71.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	76353	24.260	ng	91
3) Pyridine	3.13	79	195968	24.192	ng	88
4) n-Nitrosodimethylamine	3.05	42	97685	28.337	ng	# 98
6) Aniline	6.37	93	262524	23.531	ng	# 31
8) 2-Chlorophenol	6.50	128	220585	29.027	ng	96
9) Benzaldehyde	6.25	77	107191	19.135	ng	99
10) Phenol	6.37	94	278631	28.215	ng	# 64
11) bis(2-Chloroethyl)ether	6.45	93	216830	28.060	ng	96
12) 1,3-Dichlorobenzene	6.65	146	243112	27.785	ng	97
13) 1,4-Dichlorobenzene	6.72	146	245312	27.829	ng	99
14) 1,2-Dichlorobenzene	6.88	146	226277	27.827	ng	96
15) Benzyl Alcohol	6.86	79	189630	28.410	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	293874	26.811	ng	77
17) 2-Methylphenol	6.97	107	176738	28.743	ng	# 94
18) Hexachloroethane	7.22	117	76756	24.716	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	159530	27.919	ng	99
20) 3+4-Methylphenols	7.13	107	227103	30.591	ng	91
22) Acetophenone	7.12	105	312830	30.745	ng	99
24) Nitrobenzene	7.29	77	231700	29.229	ng	95
25) Isophorone	7.53	82	428337	31.906	ng	96
26) 2-Nitrophenol	7.60	139	97438	31.082	ng	97
27) 2,4-Dimethylphenol	7.65	122	195964	33.500	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	270069	30.390	ng	98
29) 2,4-Dichlorophenol	7.85	162	186155	30.289	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	192015	27.960	ng	97
31) Naphthalene	8.01	128	624077	30.346	ng	99
32) Benzoic acid	7.76	122	48706	17.315	ng	93
33) 4-Chloroaniline	8.06	127	210250	23.402	ng	98
34) Hexachlorobutadiene	8.13	225	114880	27.748	ng	99
35) Caprolactam	8.42	113	58010	29.564	ng	# 86
36) 4-Chloro-3-methylphenol	8.55	107	193769	29.961	ng	98
37) 2-Methylnaphthalene	8.70	142	415297	31.325	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	189091	29.463	ng	98
40) Hexachlorocyclopentadiene	8.86	237	81064	28.958	ng	96

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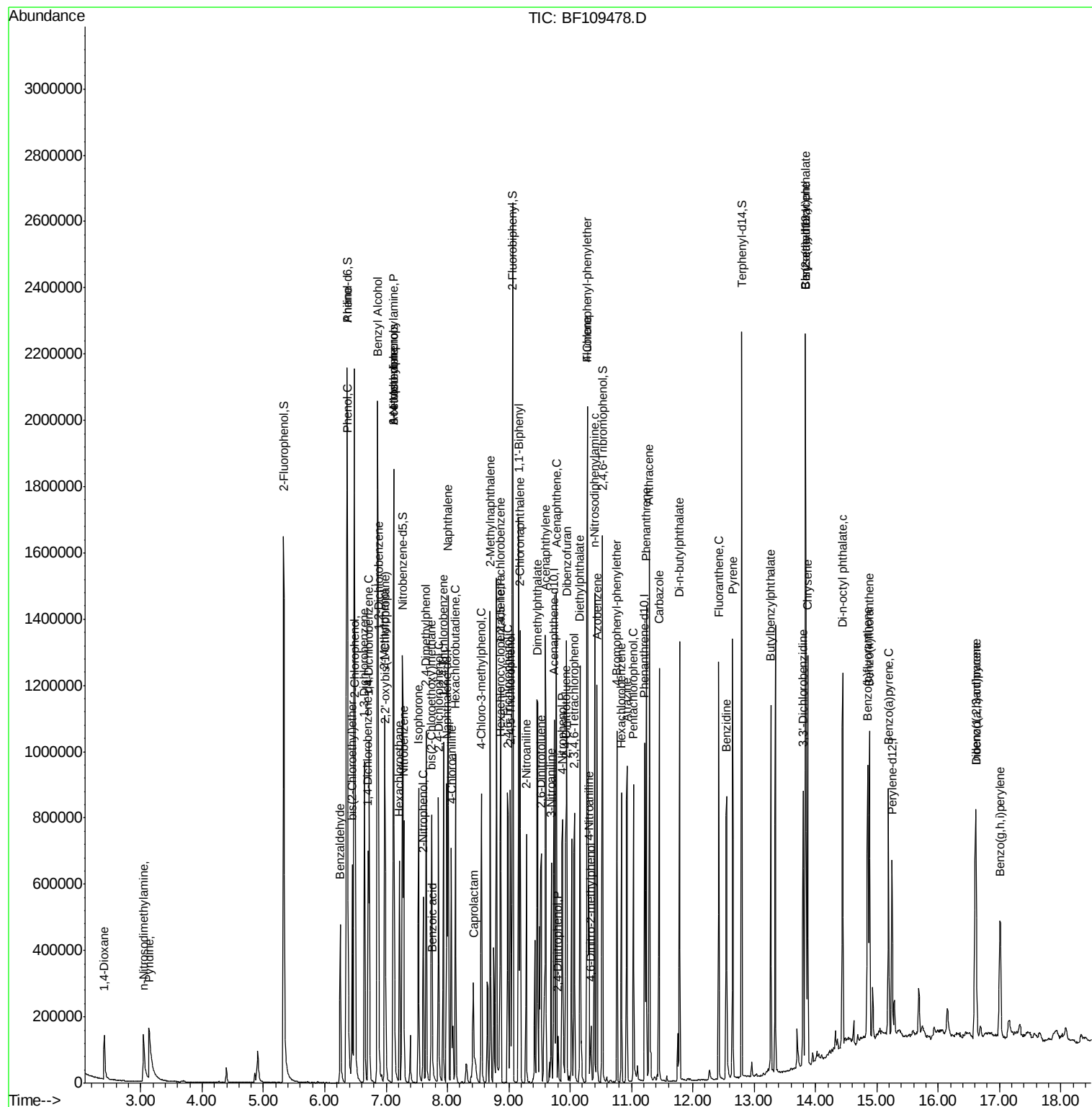
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	129974	31.554	nq	97
43) 2,4,5-Trichlorophenol	9.03	196	136148	31.296	nq	95
45) 1,1'-Biphenyl	9.16	154	498766	30.356	nq	97
46) 2-Chloronaphthalene	9.19	162	374152	28.504	nq	99
47) 2-Nitroaniline	9.29	65	122023	32.788	nq	98
48) Acenaphthylene	9.60	152	600426	30.321	nq	100
49) Dimethylphthalate	9.47	163	540178	36.828	nq	99
50) 2,6-Dinitrotoluene	9.53	165	89959	30.967	nq	97
51) Acenaphthene	9.77	154	336664	28.120	nq	99
52) 3-Nitroaniline	9.69	138	97464	28.971	nq	92
53) 2,4-Dinitrophenol	9.80	184	17702	23.860	nq #	21
54) Dibenzofuran	9.95	168	507277	28.491	nq	100
55) 4-Nitrophenol	9.87	139	133599	52.717	nq	98
56) 2,4-Dinitrotoluene	9.93	165	112863	30.706	nq #	94
57) Fluorene	10.29	166	386059	30.389	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	106026	30.781	nq	89
59) Diethylphthalate	10.16	149	450832	30.352	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	189064	28.494	nq	90
61) 4-Nitroaniline	10.30	138	101126	30.823	nq	96
62) Azobenzene	10.44	77	413582	26.800	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	19410	18.156	nq	87
65) n-Nitrosodiphenylamine	10.40	169	366288	30.783	nq	95
66) 4-Bromophenyl-phenylether	10.76	248	120615	30.159	nq	92
67) Hexachlorobenzene	10.84	284	121963	28.714	nq #	85
68) Atrazine	10.93	200	113580	31.037	nq	97
69) Pentachlorophenol	11.03	266	116520	45.835	nq	99
70) Phenanthrene	11.24	178	534581	29.729	nq	99
71) Anthracene	11.29	178	553204	30.332	nq	99
72) Carbazole	11.45	167	486560	26.813	nq	99
73) Di-n-butylphthalate	11.79	149	656367	31.420	nq	98
74) Fluoranthene	12.42	202	519983	27.059	nq	97
76) Benzidine	12.55	184	373260	41.214	nq	97
77) Pyrene	12.65	202	517376	28.739	nq	99
79) Butylbenzylphthalate	13.27	149	234550	30.624	nq	96
80) Benzo(a)anthracene	13.83	228	422833	27.946	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	171354	29.800	nq	99
82) Chrysene	13.87	228	413625	27.582	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	299939	31.052	nq	99
84) Di-n-octyl phthalate	14.44	149	530440	32.118	nq	97
85) Indeno(1,2,3-cd)pyrene	16.61	276	355376	29.236	nq #	93
87) Benzo(b)fluoranthene	14.85	252	414322	31.974	nq	98
88) Benzo(k)fluoranthene	14.88	252	337035	27.409	nq #	96
89) Benzo(a)pyrene	15.19	252	350676	30.033	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	297793	31.087	nq #	95
91) Benzo(g,h,i)perylene	17.01	276	290246	30.829	nq #	92

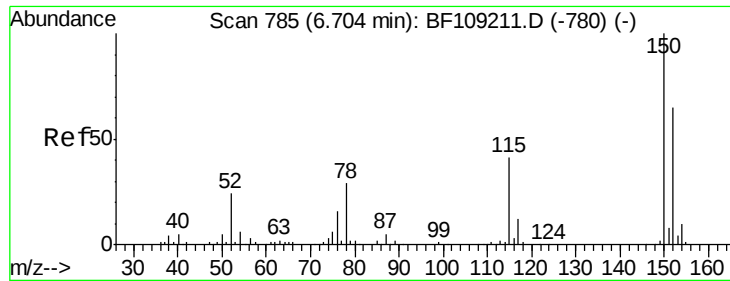
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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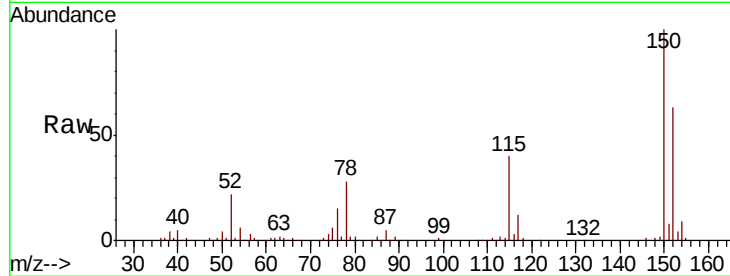


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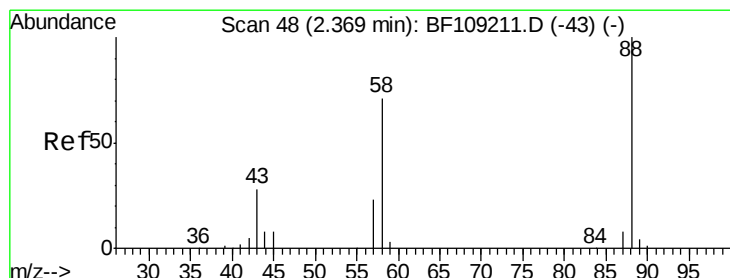
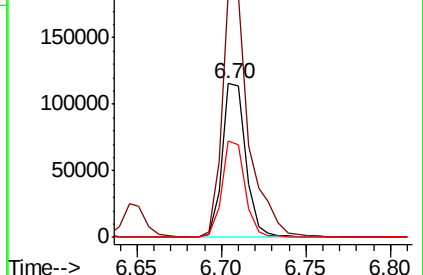
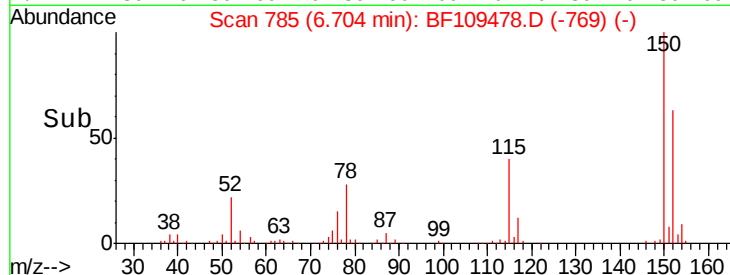
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion:152 Resp: 112558
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 62.5 50.1 75.1



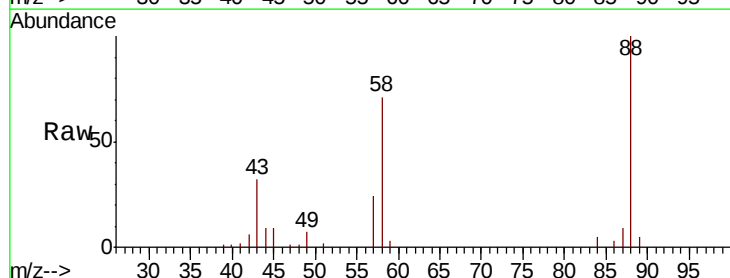
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



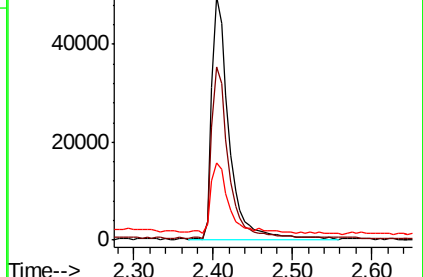
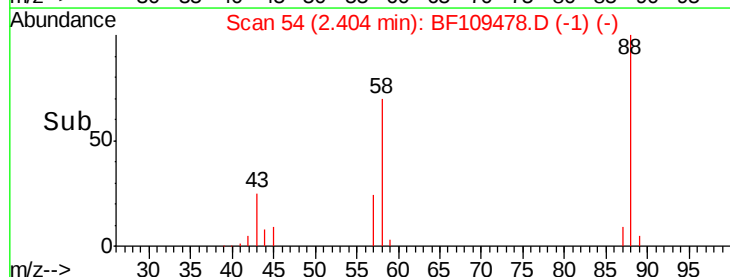
#2

1,4-Dioxane
Concen: 24.260 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion: 88 Resp: 76353
Ion Ratio Lower Upper
88 100
58 68.2 62.6 93.8
43 28.7 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.192 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.07 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

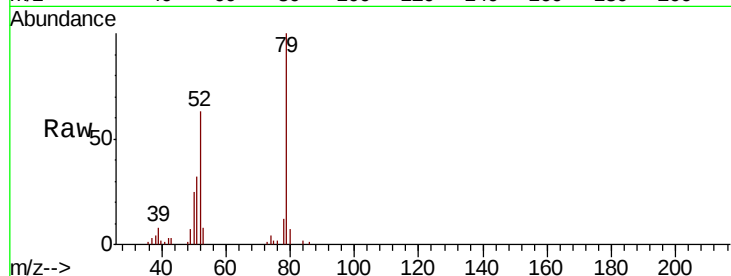
Tot Ion: 79 Resp: 195968

Ion Ratio Lower Upper

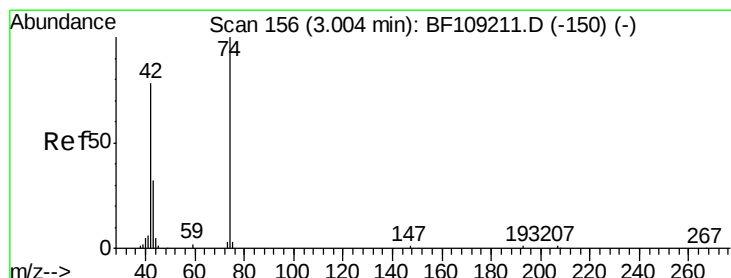
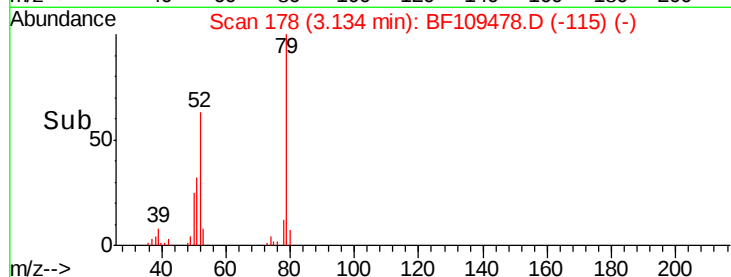
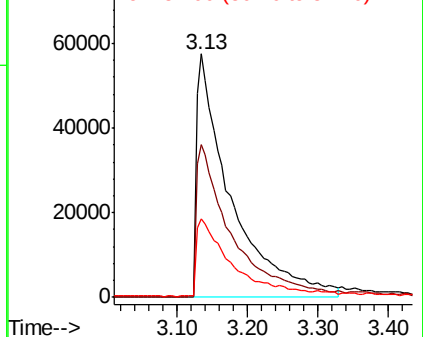
79 100

52 62.8 59.8 89.6

51 32.4 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 28.337 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

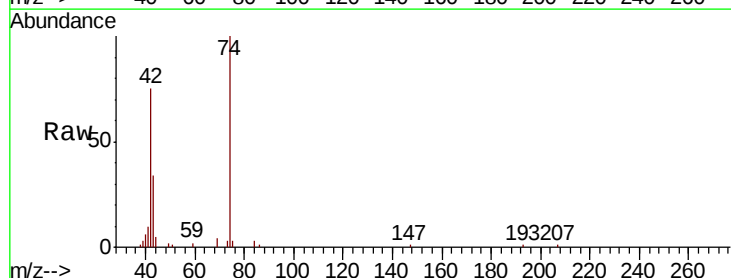
Tgt Ion: 42 Resp: 97685

Ion Ratio Lower Upper

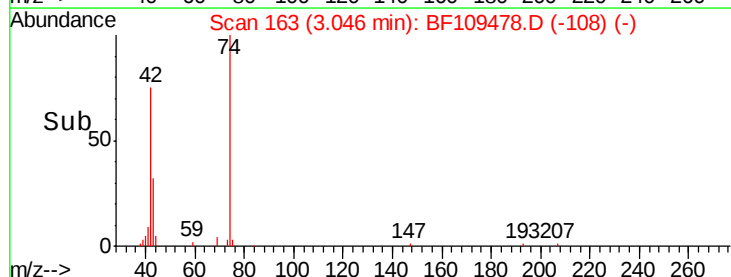
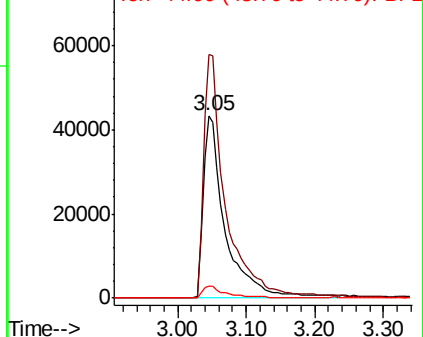
42 100

74 133.3 104.9 157.3

44 6.4 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 92.944 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109478.D

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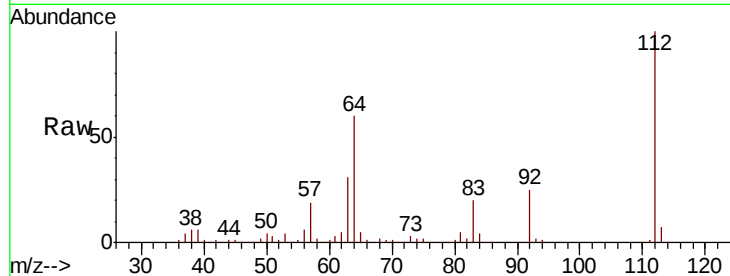
Tot Ion: 112 Resp: 635160

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

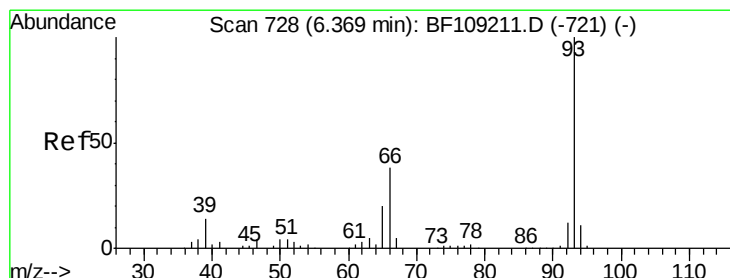
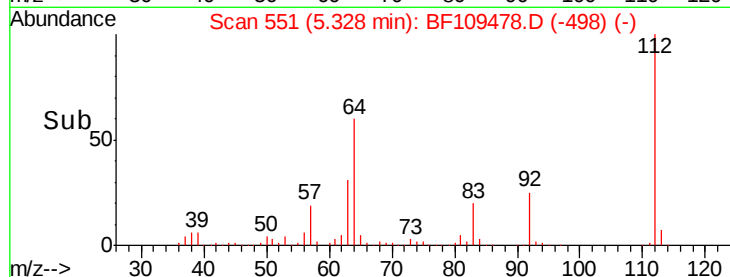
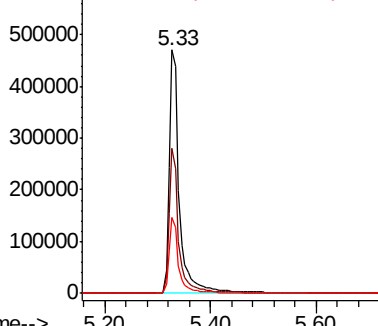
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.531 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

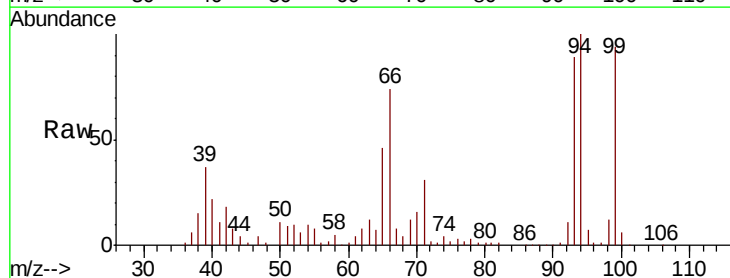
Tgt Ion: 93 Resp: 262524

Ion Ratio Lower Upper

93 100

66 83.0 32.2 48.2#

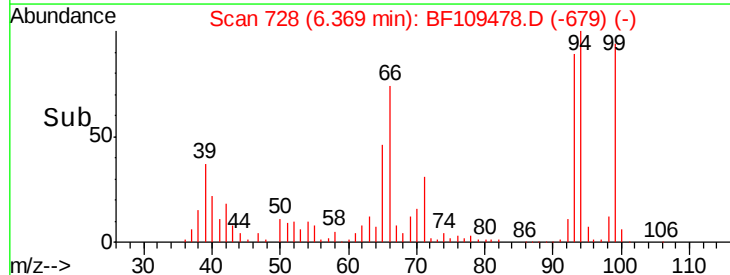
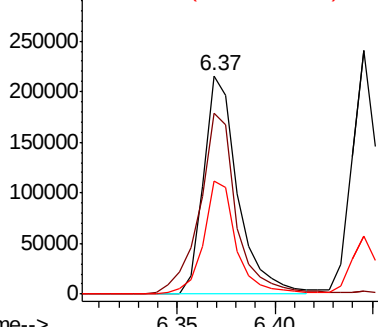
65 51.7 16.4 24.6#

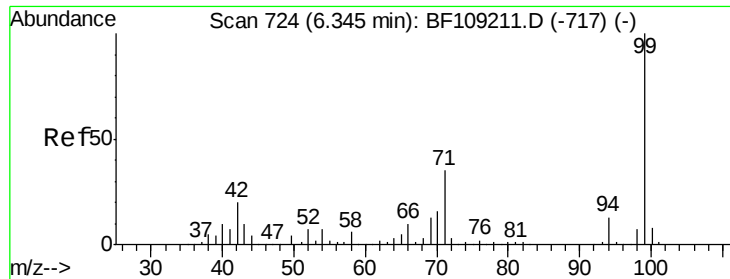


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.446 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF109478.D

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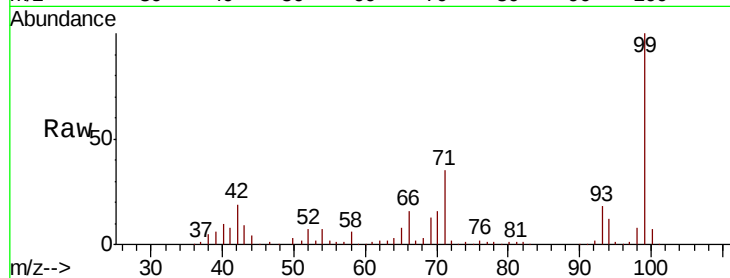
Tot Ion: 99 Resp: 779986

Ion Ratio Lower Upper

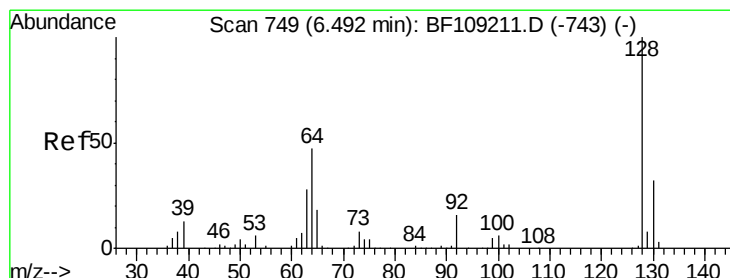
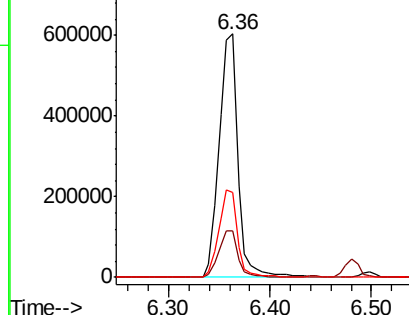
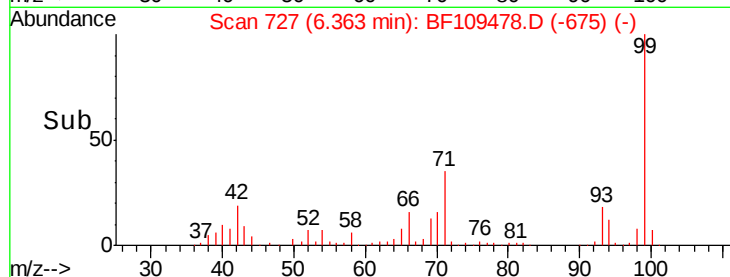
99 100

42 19.2 14.5 21.7

71 34.6 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: 29.027 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

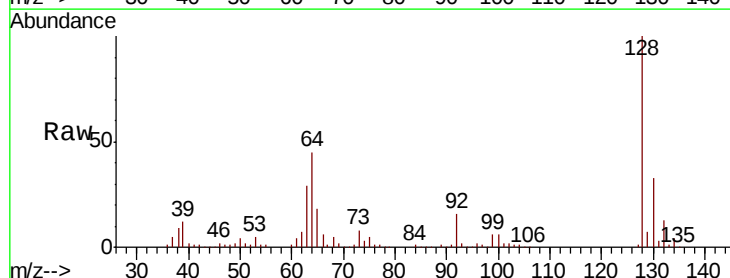
Tgt Ion: 128 Resp: 220585

Ion Ratio Lower Upper

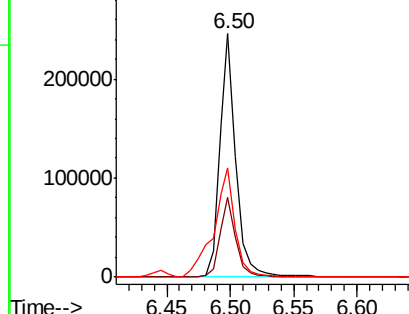
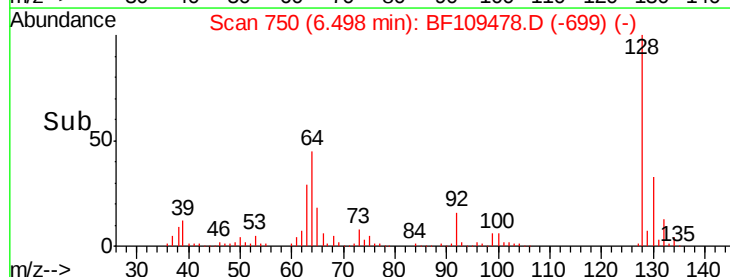
128 100

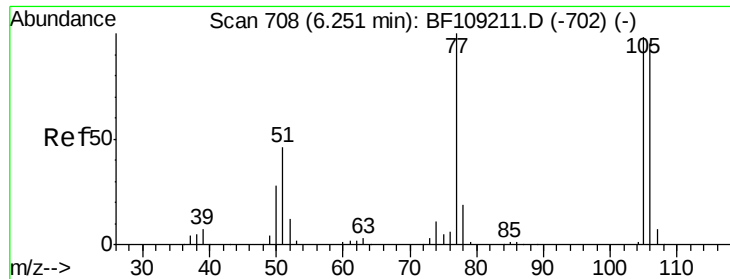
130 32.6 13.0 53.0

64 44.8 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

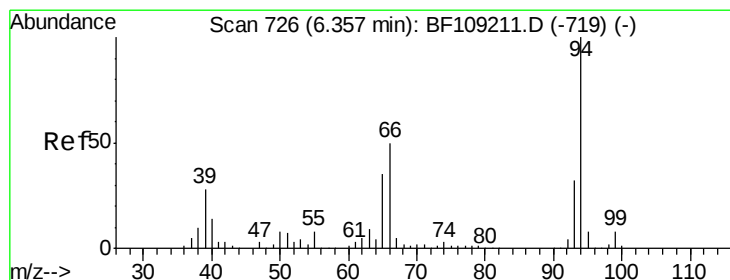
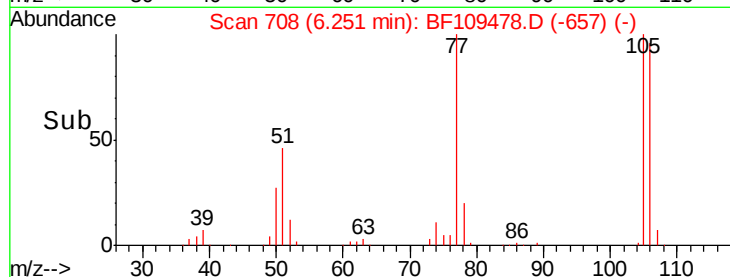
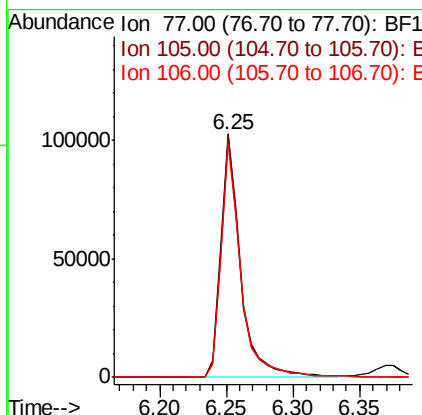
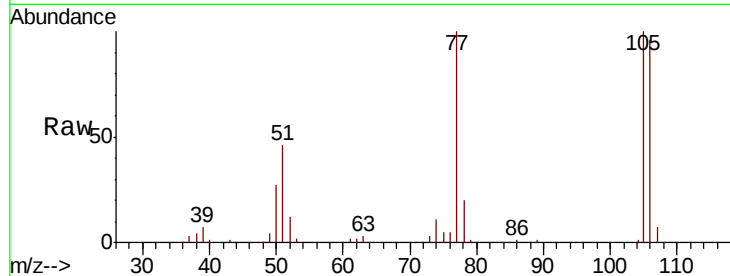




#9
Benzaldehyde
Concen: 19.135 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.00 min
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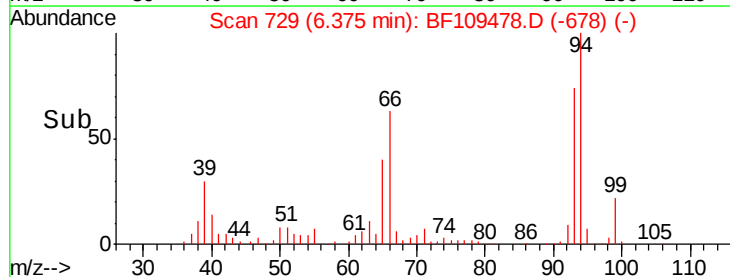
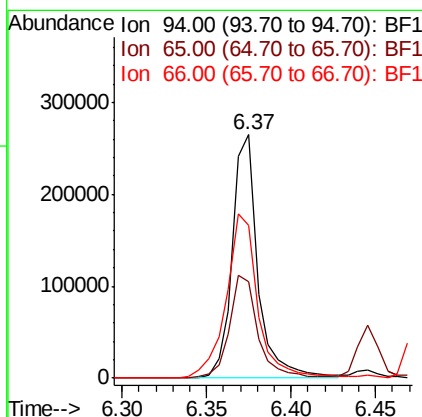
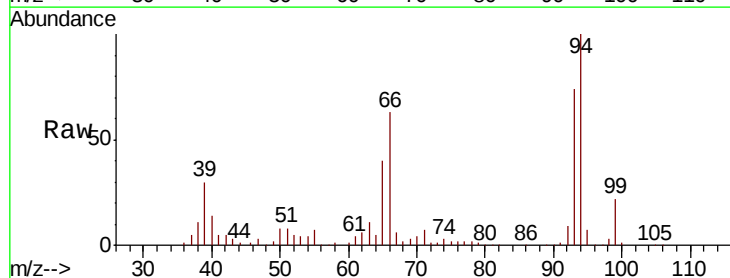
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MS

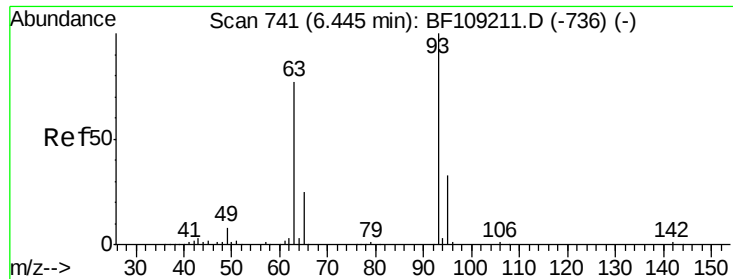
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	81.1	121.1
106	95.9	74.5	114.5



#10
Phenol
Concen: 28.215 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.8	7.9	47.9
66	63.0	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 28.060 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

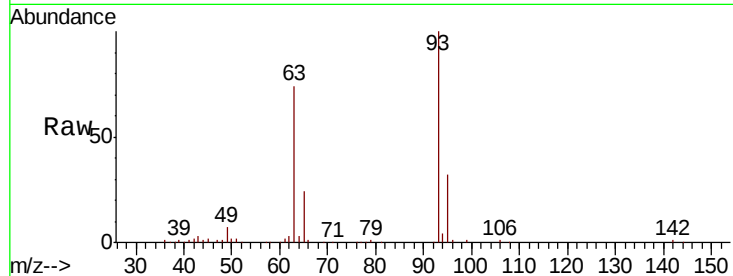
Tot Ion: 93 Resp: 216830

Ion Ratio Lower Upper

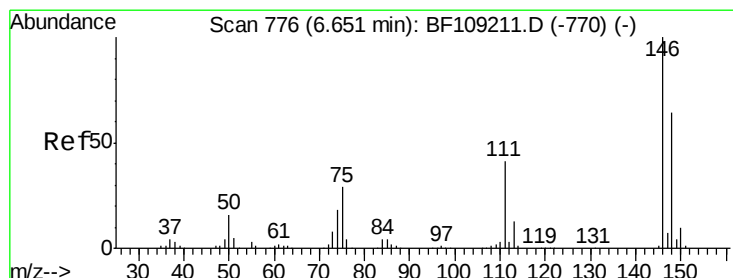
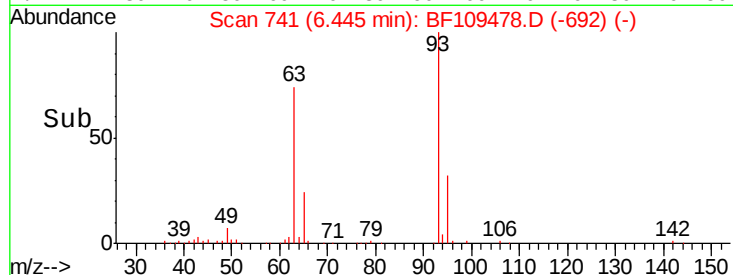
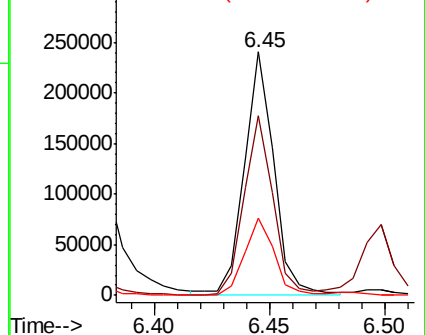
93 100

63 73.8 58.6 98.6

95 31.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 27.785 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

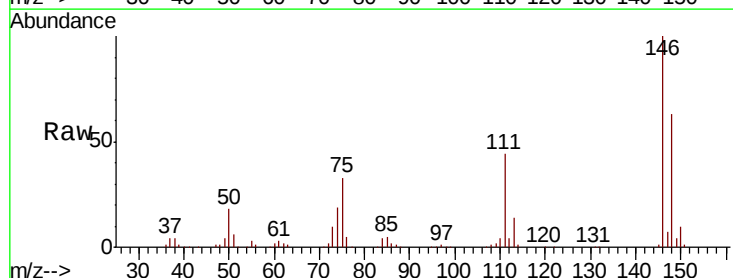
Tgt Ion: 146 Resp: 243112

Ion Ratio Lower Upper

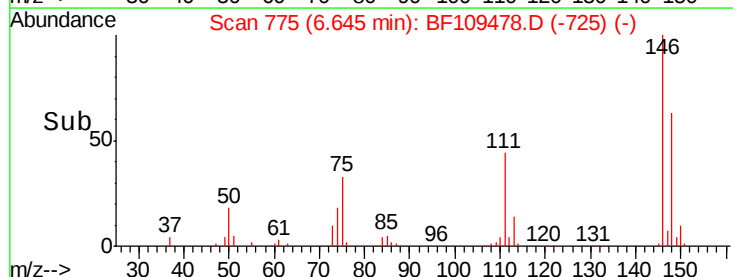
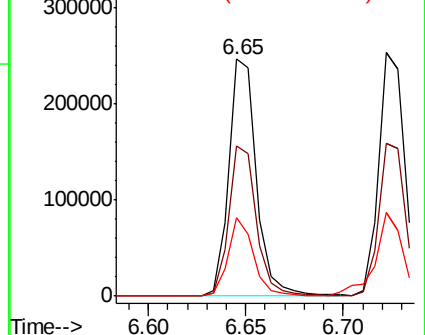
146 100

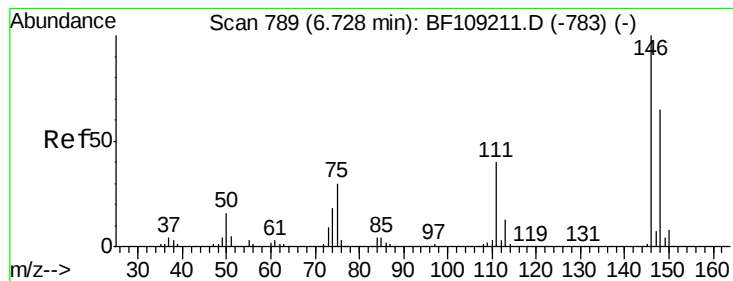
148 63.2 51.8 77.8

75 33.2 24.2 36.4



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





#13

1,4-Dichlorobenzene

Concen: 27.829 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

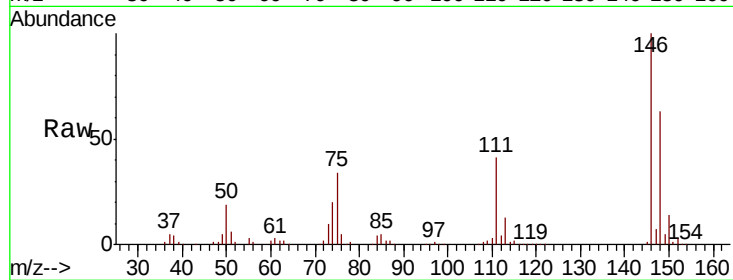
Tot Ion:146 Resp: 245312

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

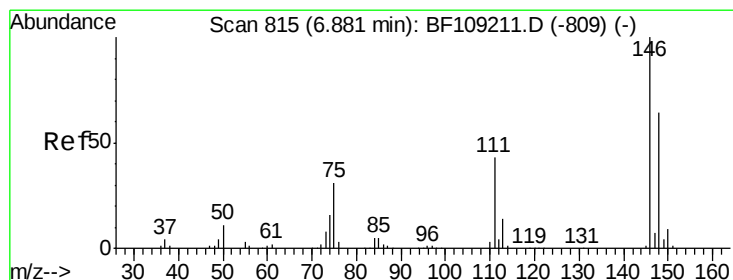
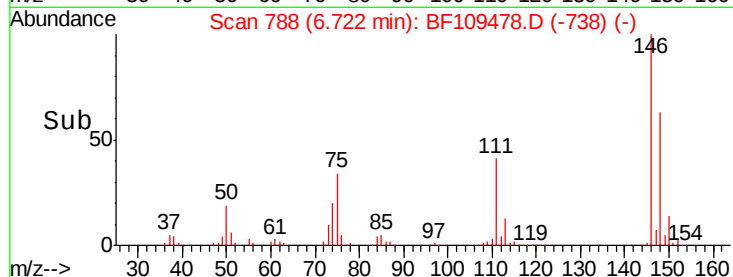
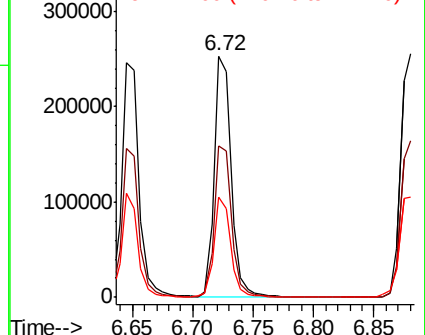
111 41.4 34.2 51.2



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: 27.827 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

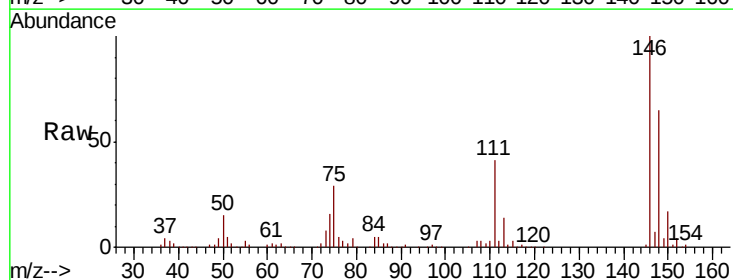
Tgt Ion:146 Resp: 226277

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

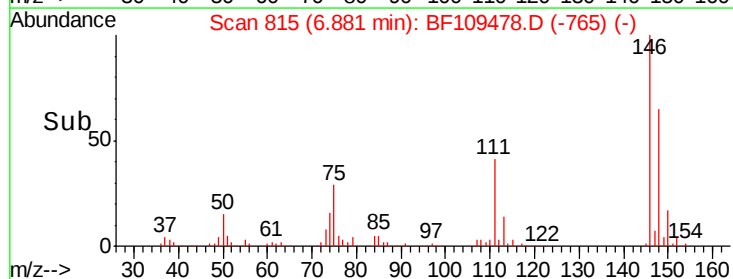
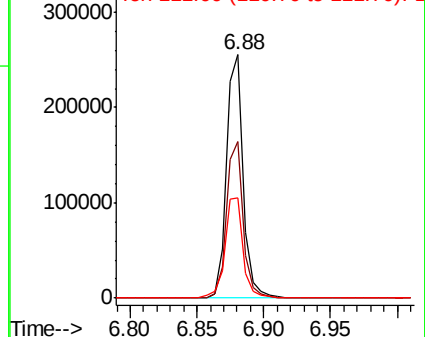
111 41.0 36.0 54.0

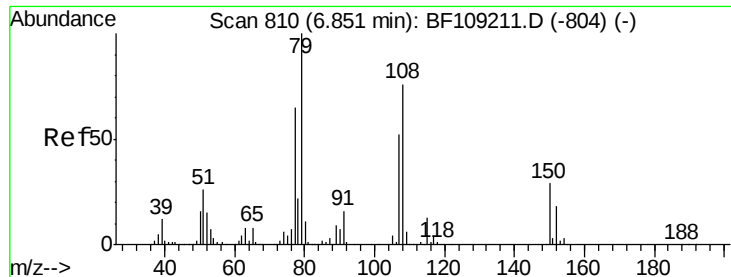


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.410 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

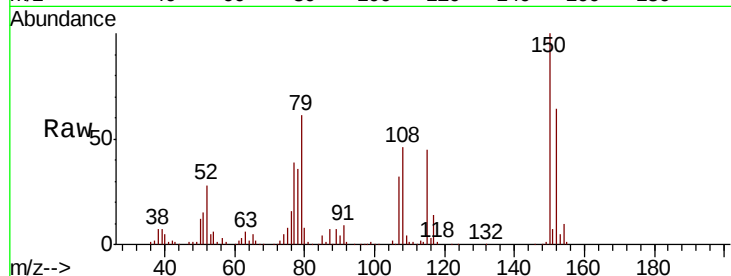
Tot Ion: 79 Resp: 189630

Ion Ratio Lower Upper

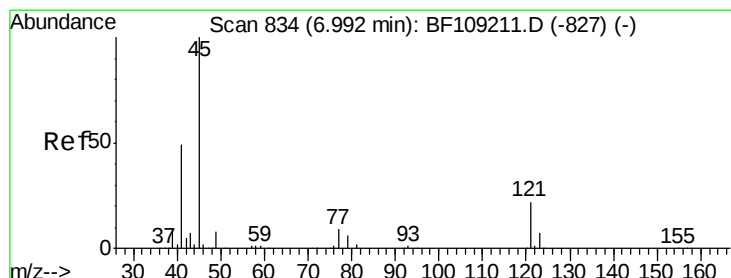
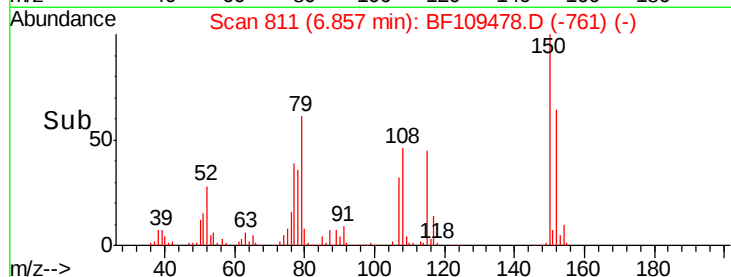
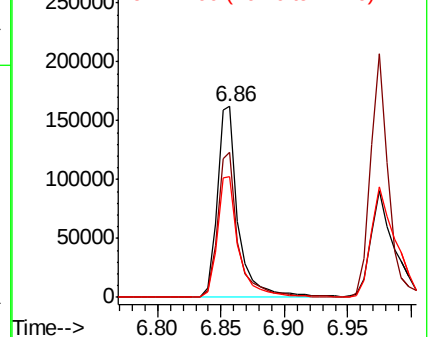
79 100

108 75.7 65.1 97.7

77 63.2 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: 26.811 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

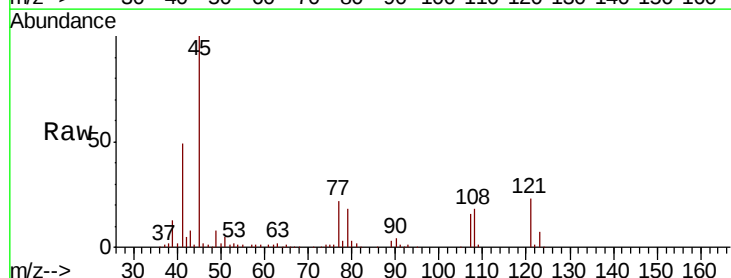
Tgt Ion: 45 Resp: 293874

Ion Ratio Lower Upper

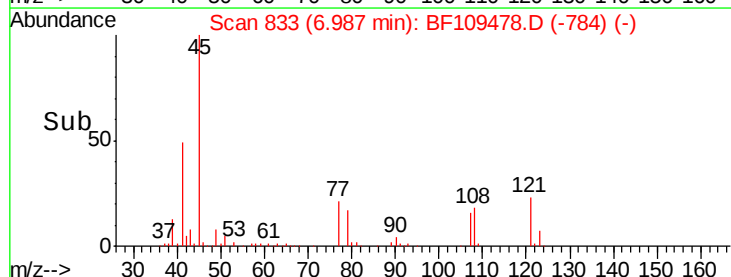
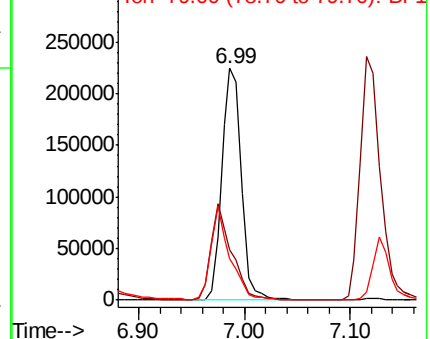
45 100

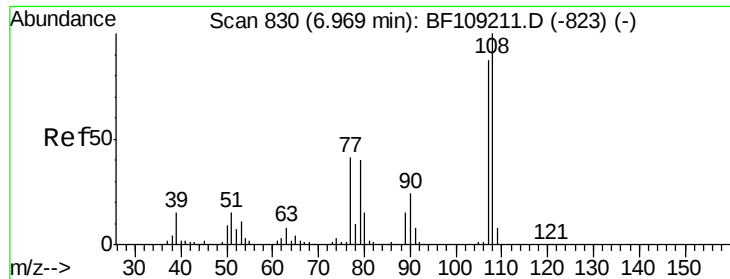
77 21.8 0.0 32.9

79 18.0 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

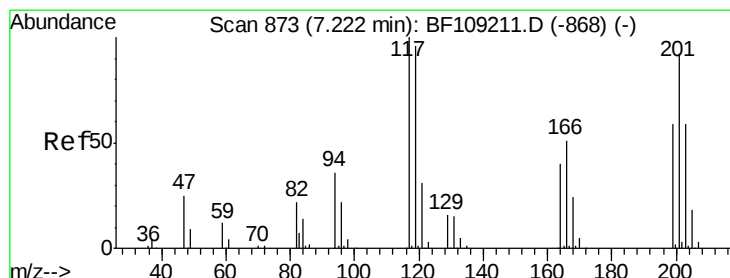
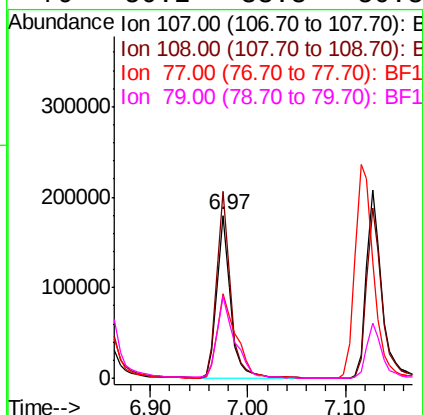
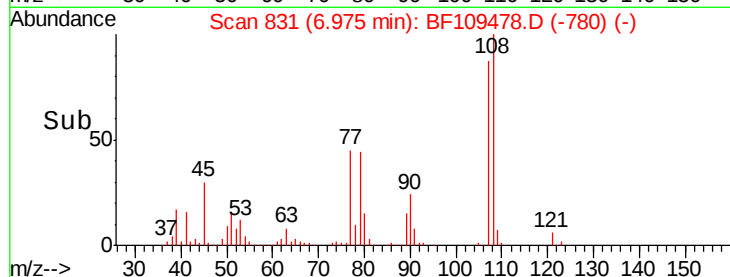
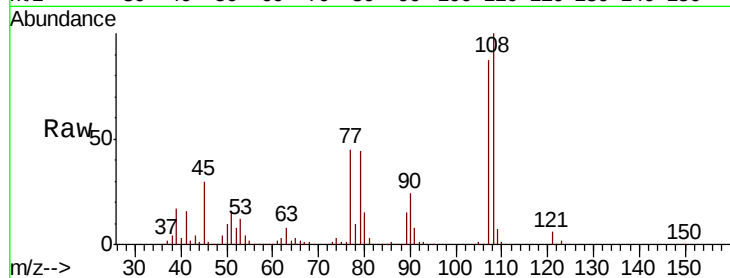




#17
2-Methylphenol
Concen: 28.743 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

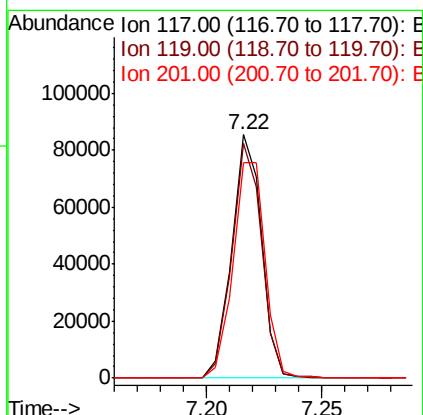
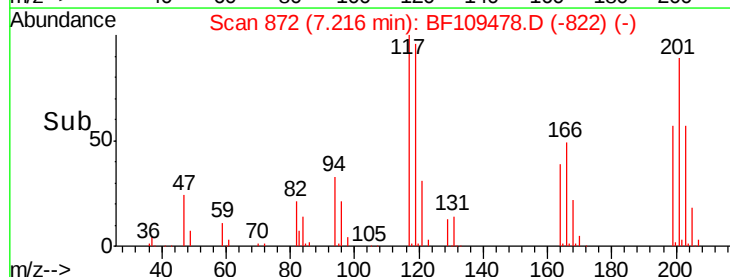
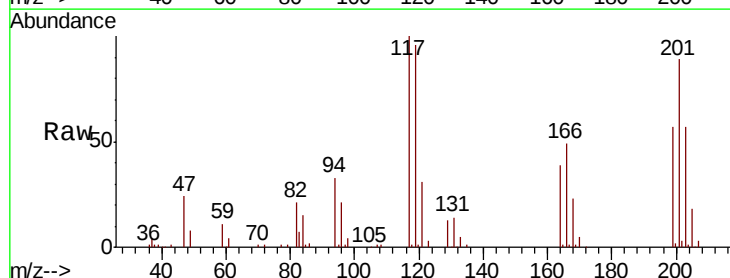
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MS

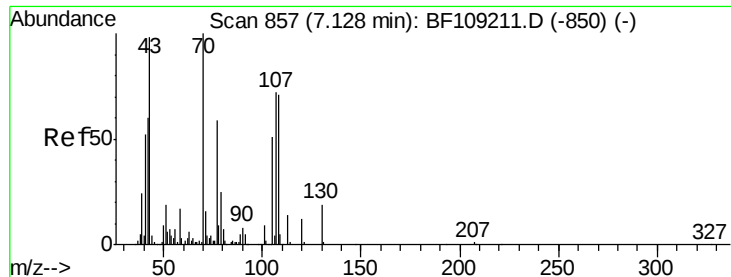
Tot Ion:107 Resp: 176738
Ion Ratio Lower Upper
107 100
108 115.0 91.7 137.5
77 52.1 33.8 50.8#
79 50.2 33.8 50.8



#18
Hexachloroethane
Concen: 24.716 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:117 Resp: 76756
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 88.8 75.7 113.5

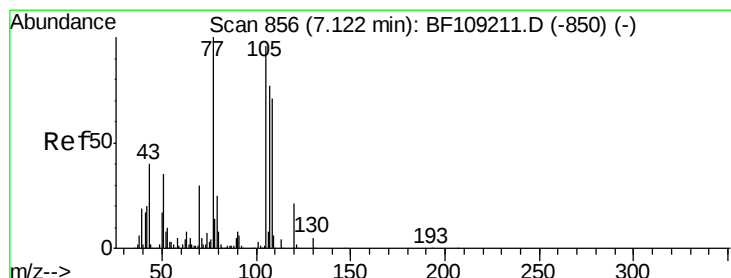
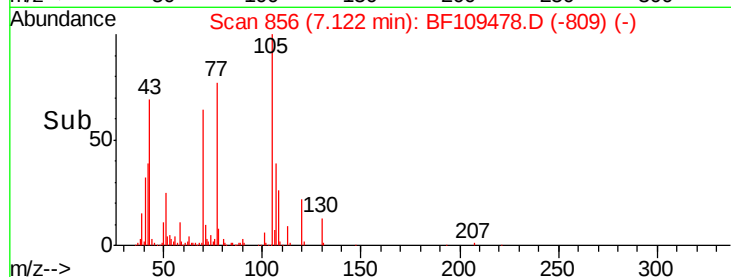
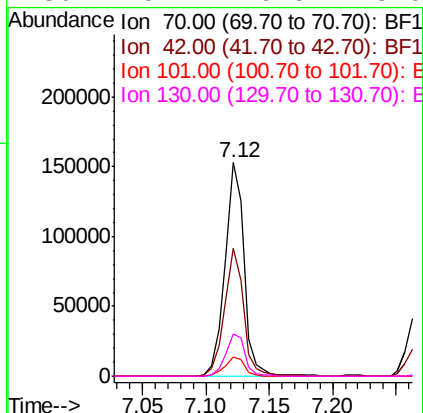
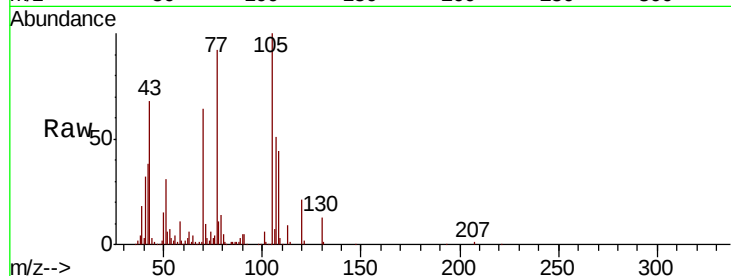




#19
n-Nitroso-di-n-propylamine
Concen: 27.919 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

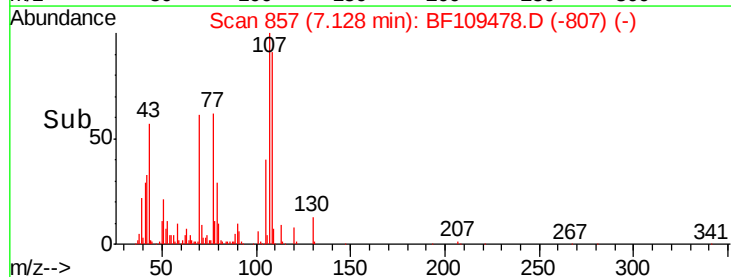
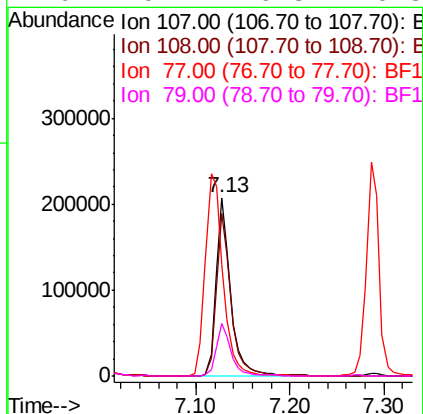
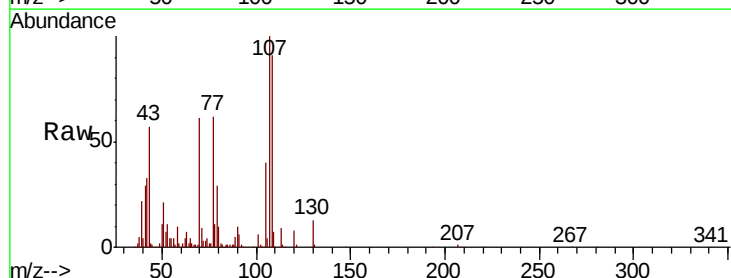
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MS

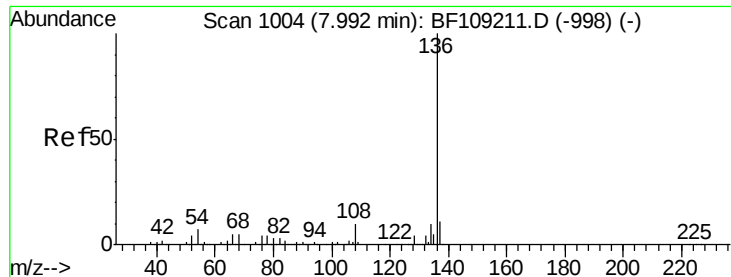
Tot Ion:	70	Resp:	159530
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.5	71.3
101	9.2	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.591 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:	107	Resp:	227103
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	62.1	26.7	66.7
79	29.4	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: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

Tot Ion:136 Resp: 440096

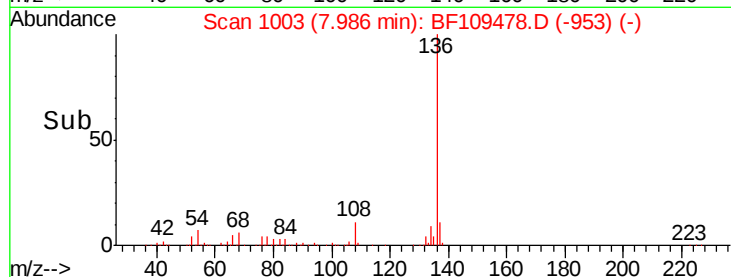
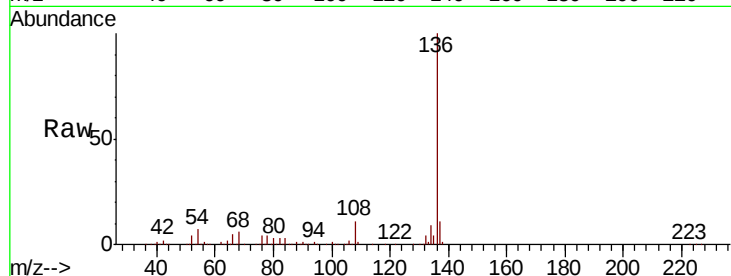
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 5.7 5.0 7.4

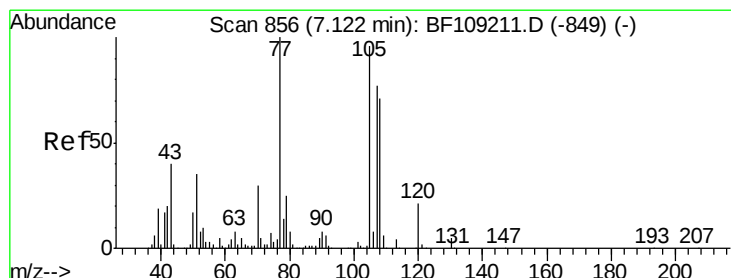
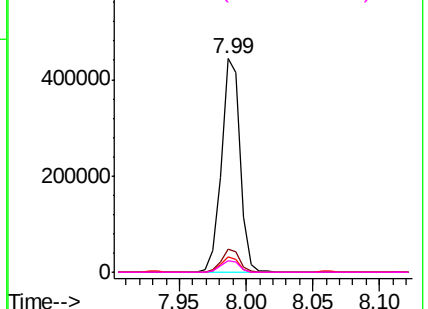


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.745 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Tgt Ion:105 Resp: 312830

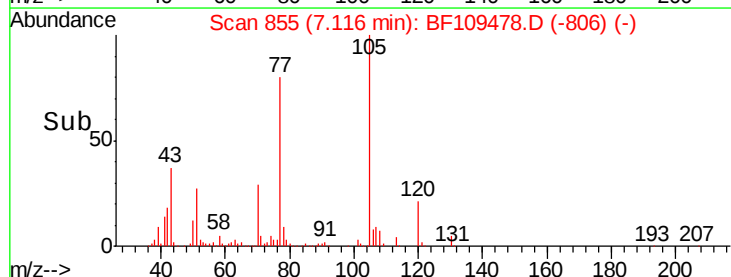
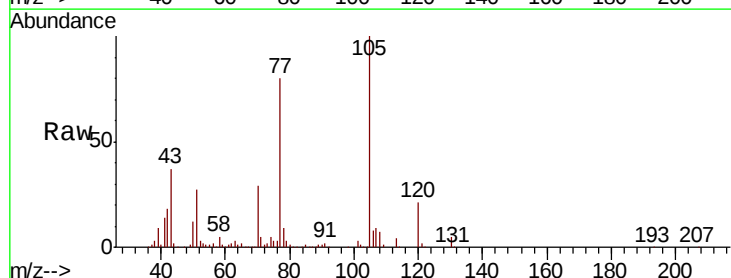
Ion Ratio Lower Upper

105 100

71 4.7 4.4 6.6

51 27.4 22.3 33.5

120 21.5 16.9 25.3

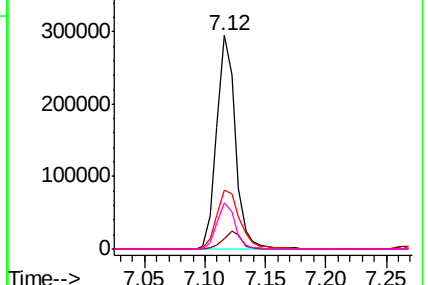


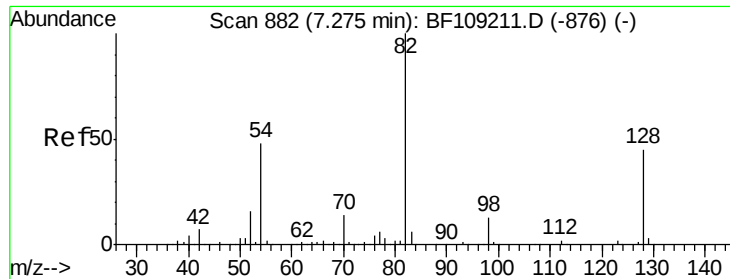
Abundance Ion 105.00 (104.70 to 105.70): E

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

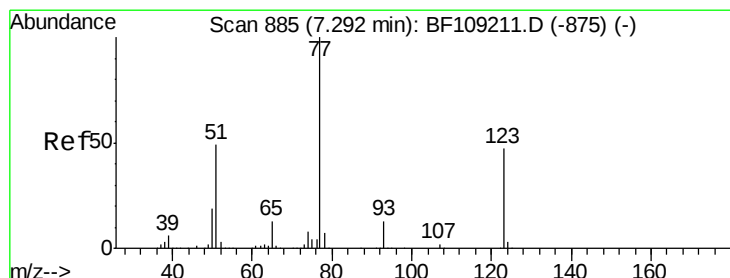
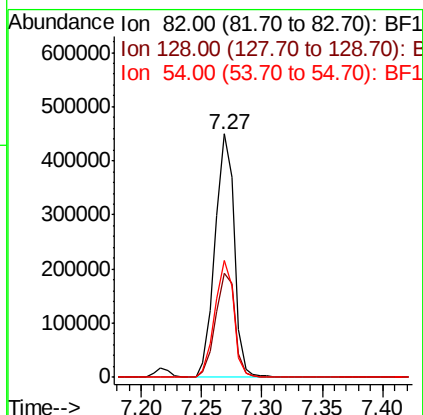
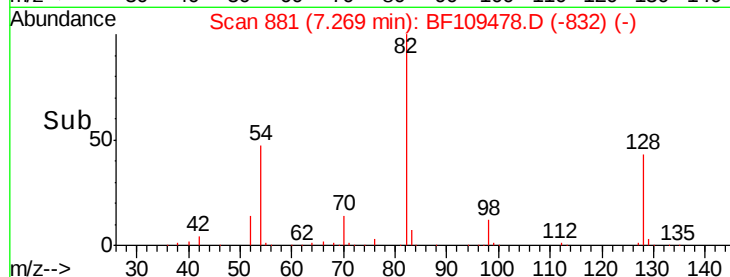
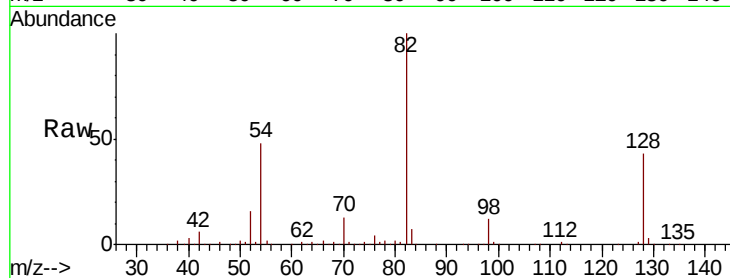




#23
Nitrobenzene-d5
Concen: 66.052 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

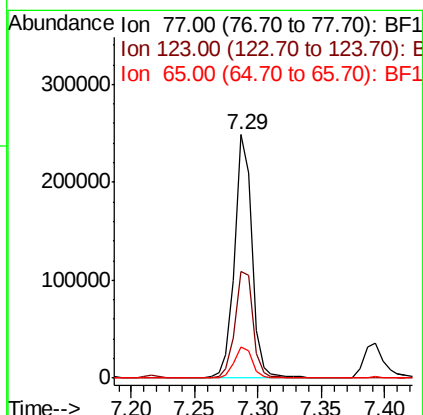
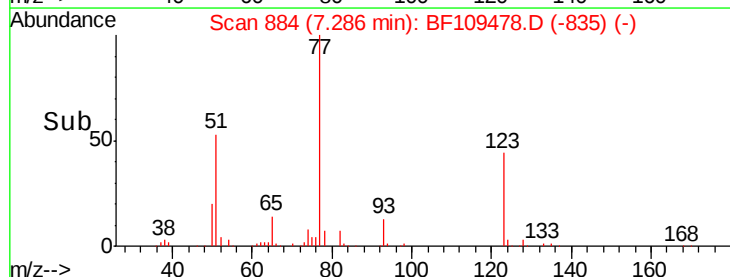
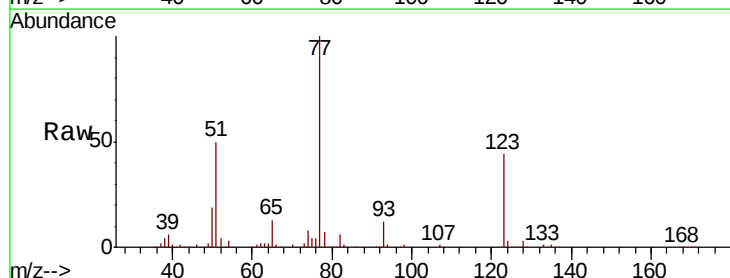
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MS

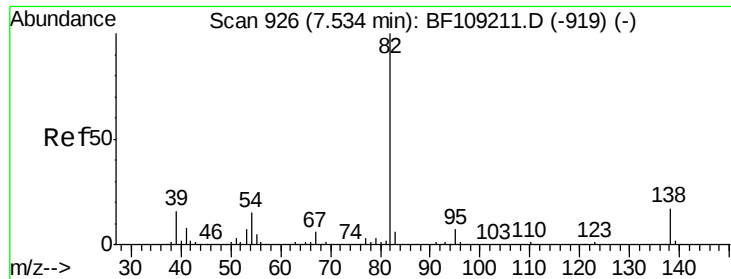
Tot Ion: 82 Resp: 492434
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 48.2 41.4 62.2



#24
Nitrobenzene
Concen: 29.229 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion: 77 Resp: 231700
Ion Ratio Lower Upper
77 100
123 43.8 37.9 56.9
65 13.0 11.0 16.4

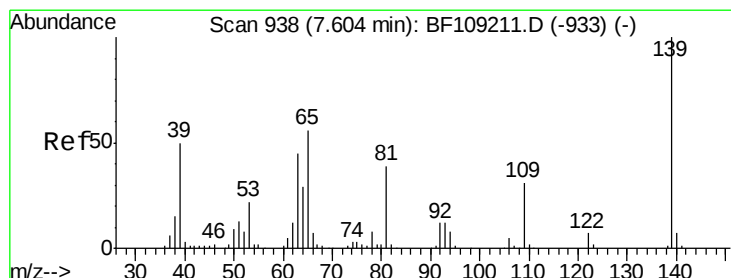
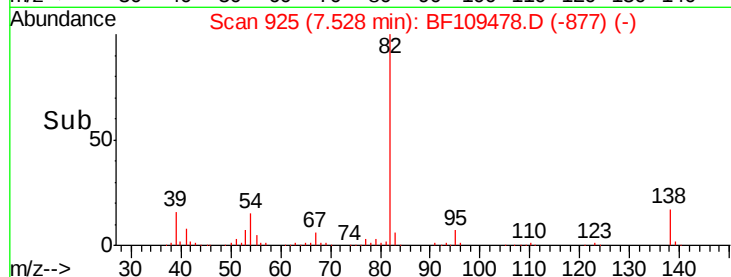
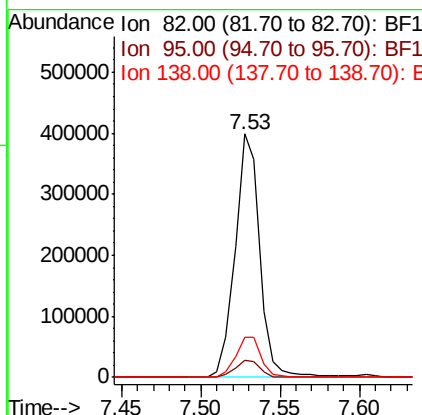
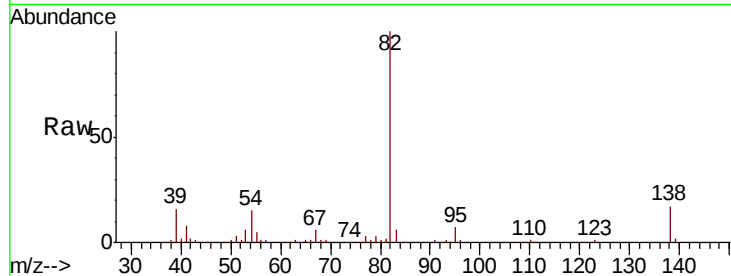




#25
Isophorone
Concen: 31.906 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

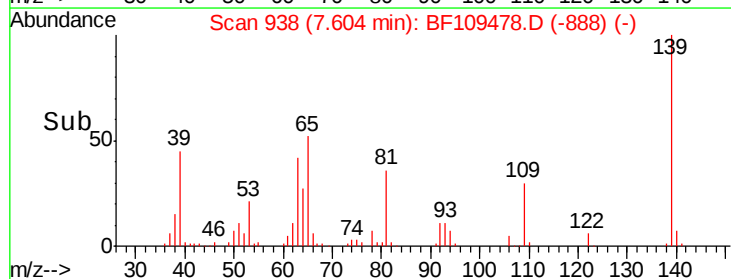
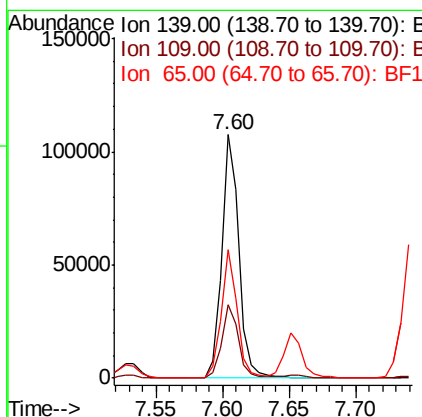
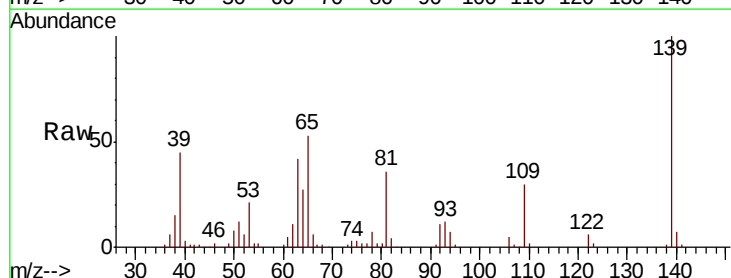
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MS

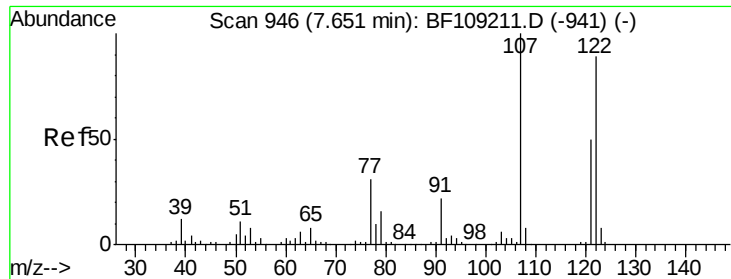
Tot Ion: 82 Resp: 428337
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 16.7 14.9 22.3



#26
2-Nitrophenol
Concen: 31.082 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion: 139 Resp: 97438
Ion Ratio Lower Upper
139 100
109 30.2 22.7 34.1
65 53.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 33.500 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

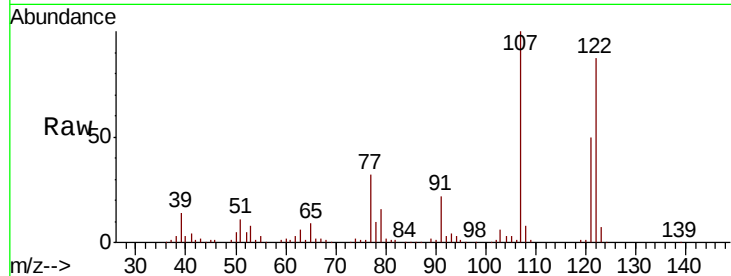
Tot Ion:122 Resp: 195964

Ion Ratio Lower Upper

122 100

107 115.0 91.2 136.8

121 57.8 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

300000

250000

200000

150000

100000

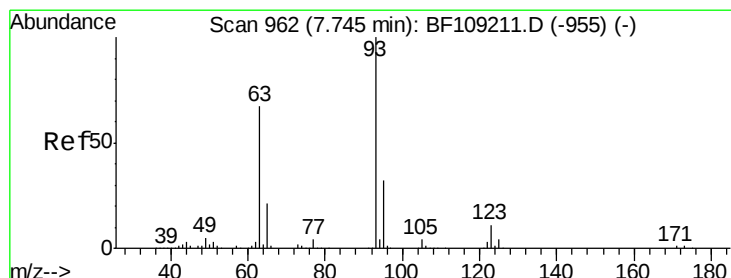
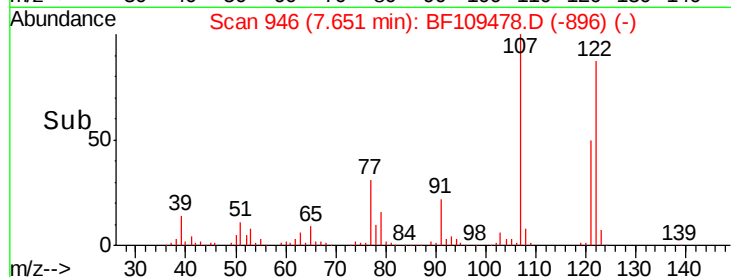
50000

0

Time-->

7.60 7.65 7.70

Peak labeled: 7.65



#28

bis(2-Chloroethoxy)methane

Concen: 30.390 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

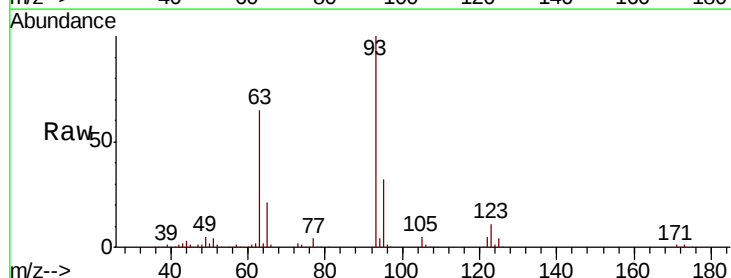
Tgt Ion: 93 Resp: 270069

Ion Ratio Lower Upper

93 100

95 31.9 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

300000

200000

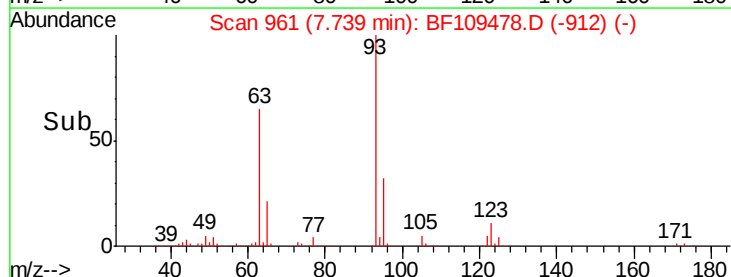
100000

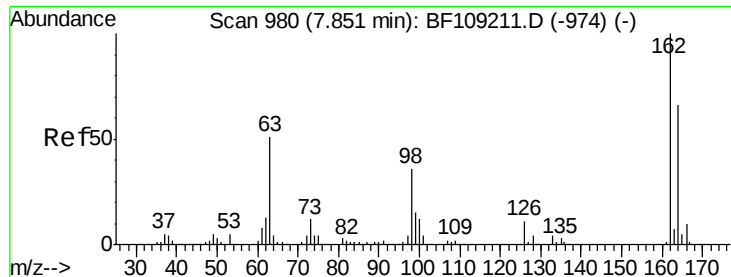
0

Time-->

7.70 7.75 7.80 7.85

Peak labeled: 7.74

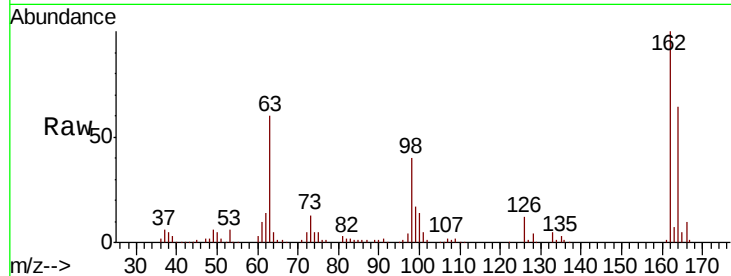




#29
2,4-Dichlorophenol
Concen: 30.289 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	40.0	18.1	58.1

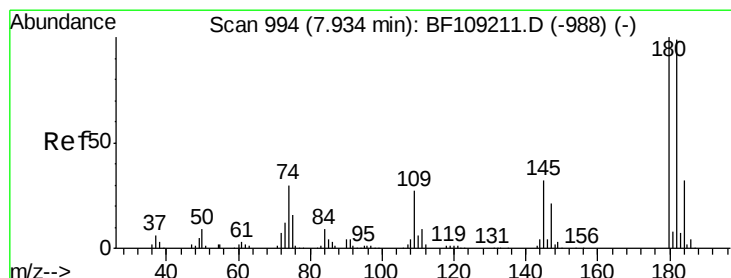
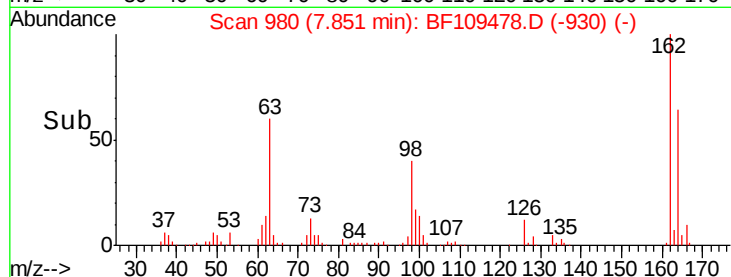
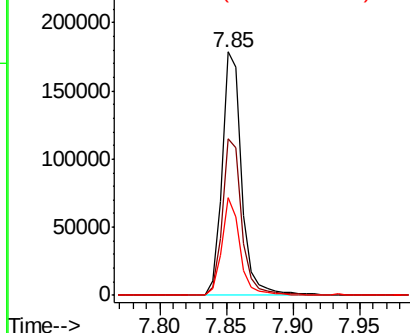


Abundance

Ion 162.00 (161.70 to 162.70): E

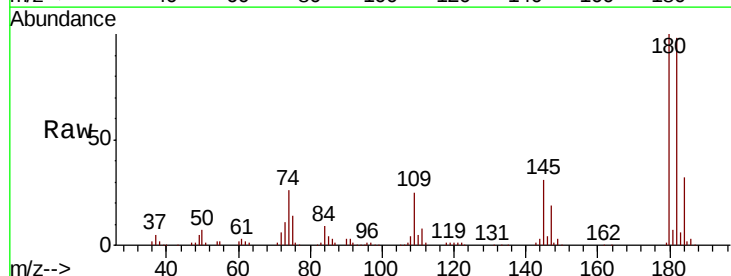
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 27.960 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.8	115.2
145	30.9	26.5	39.7

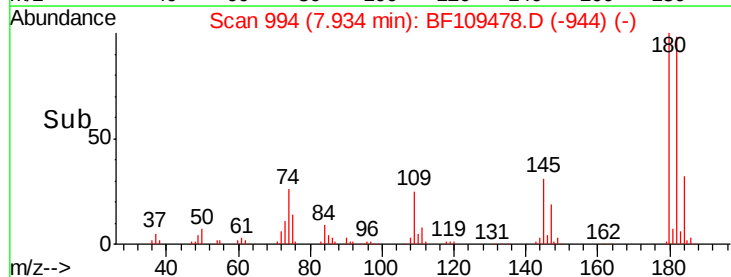
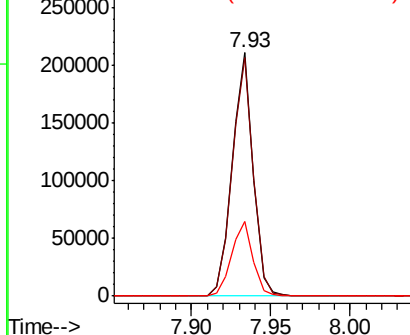


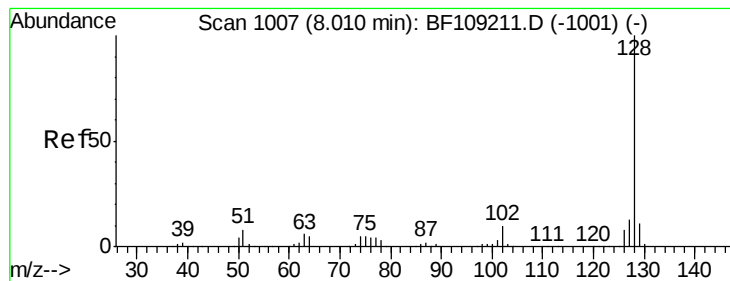
Abundance

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: 30.346 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

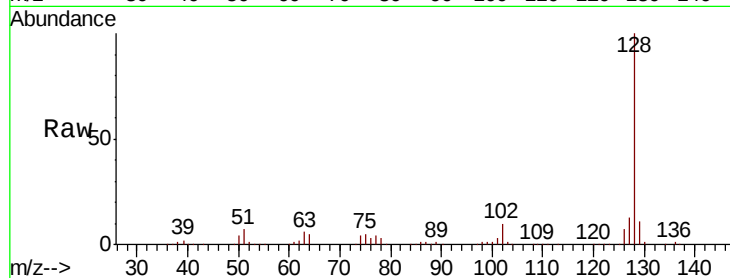
Tot Ion:128 Resp: 624077

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

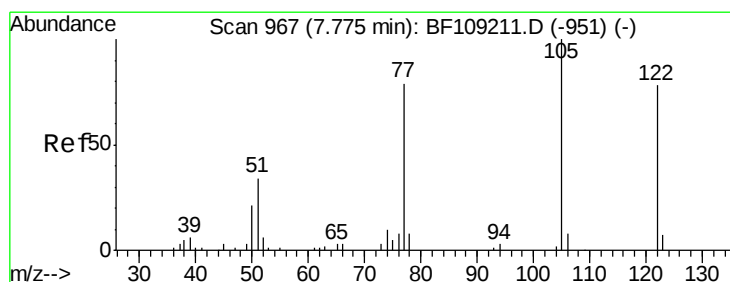
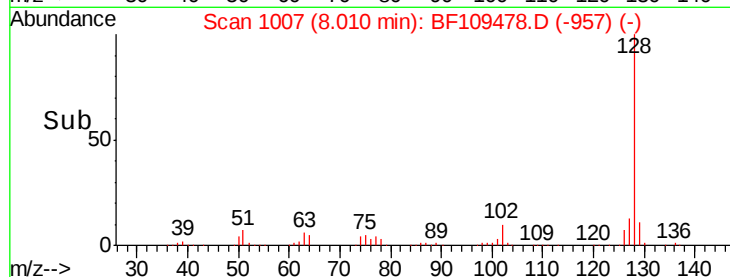
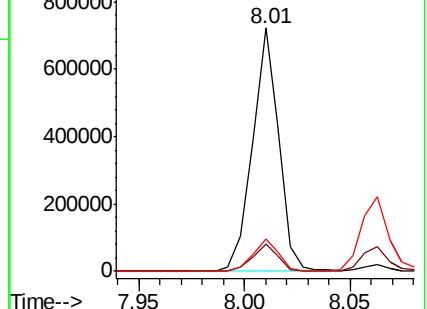
127 13.3 10.9 16.3



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: 17.315 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.06 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

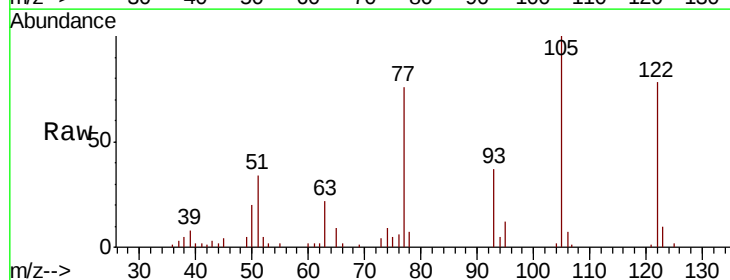
Tgt Ion:122 Resp: 48706

Ion Ratio Lower Upper

122 100

105 128.6 101.1 141.1

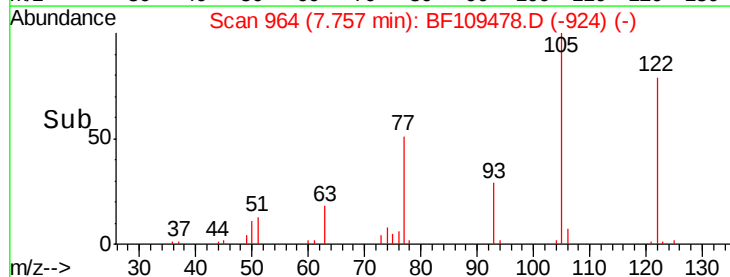
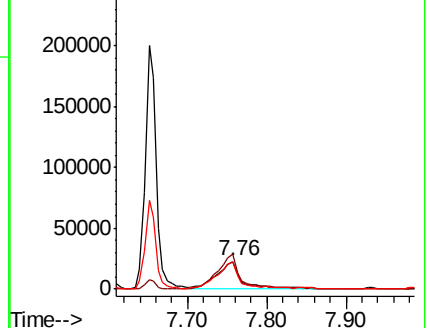
77 97.9 70.7 110.7

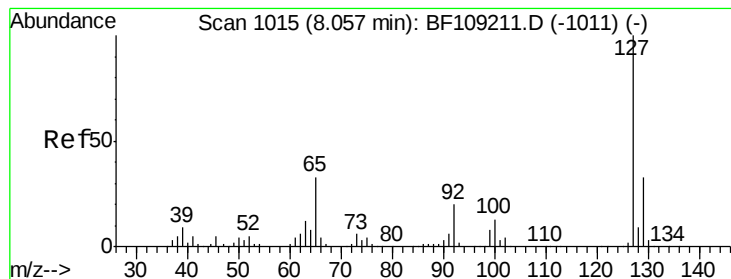


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

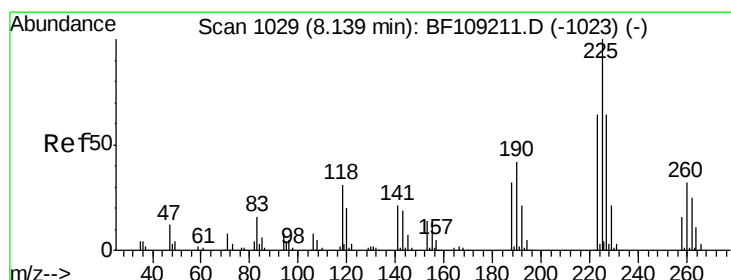
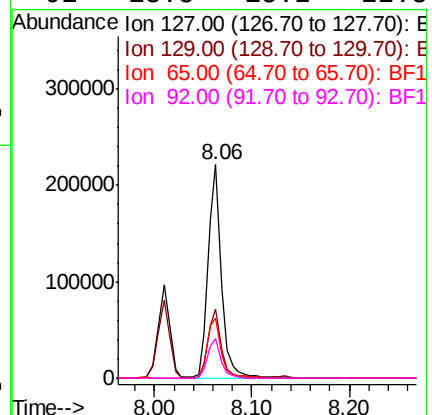
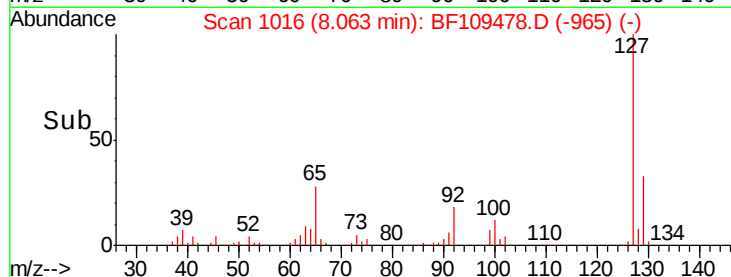
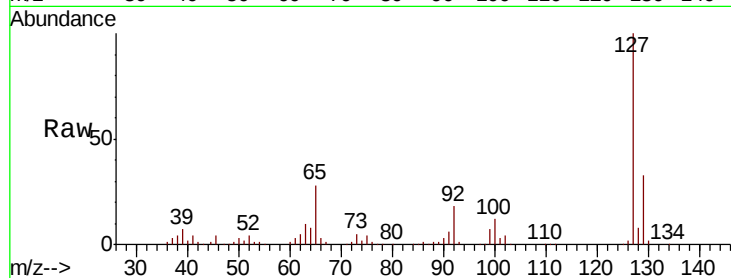




#33
4-Chloroaniline
Concen: 23.402 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

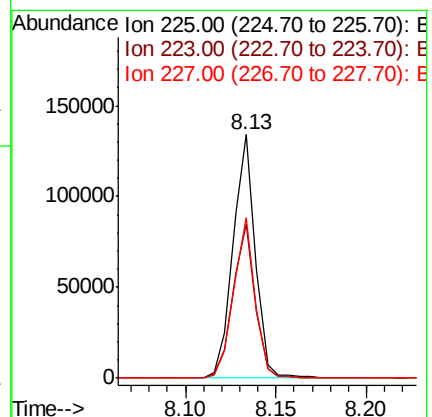
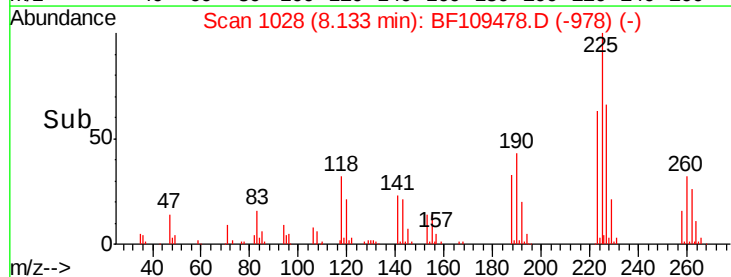
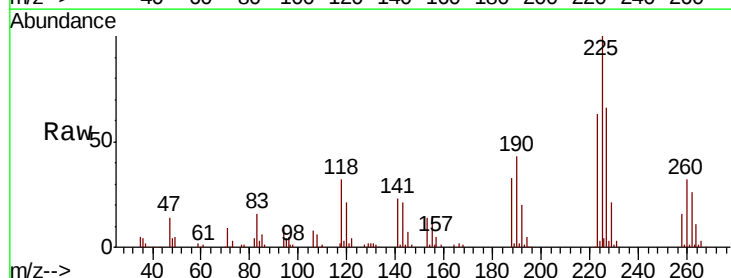
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MS

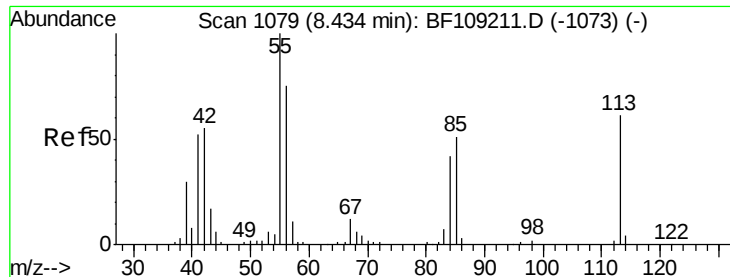
Tot Ion:127	Resp:	210250
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.9 38.9
65	28.4	25.0 37.4
92	18.5	15.2 22.8



#34
Hexachlorobutadiene
Concen: 27.748 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:225	Resp:	114880
Ion Ratio	Lower	Upper
225	100	
223	63.1	50.6 76.0
227	66.0	51.9 77.9





#35

Caprolactam

Concen: 29.564 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

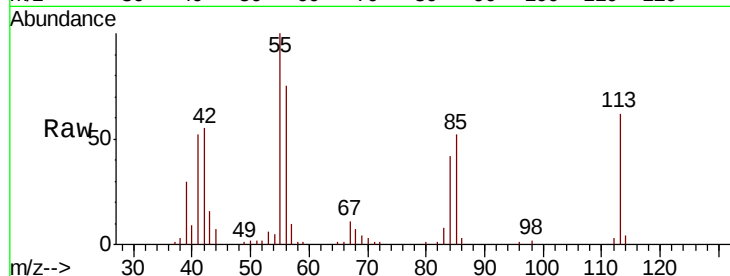
Tot Ion:113 Resp: 58010

Ion Ratio Lower Upper

113 100

55 161.6 163.3 203.3#

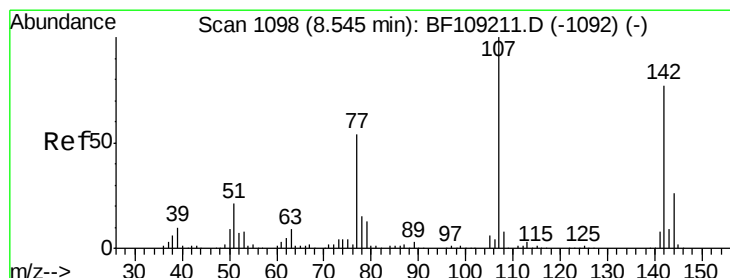
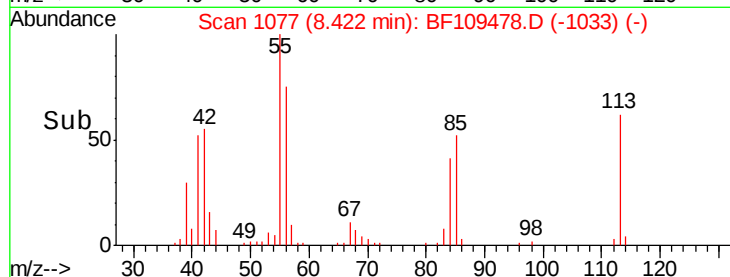
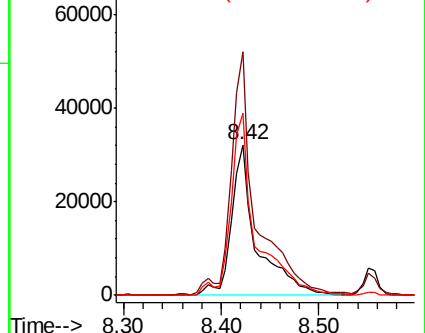
56 121.0 115.7 155.7



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: 29.961 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

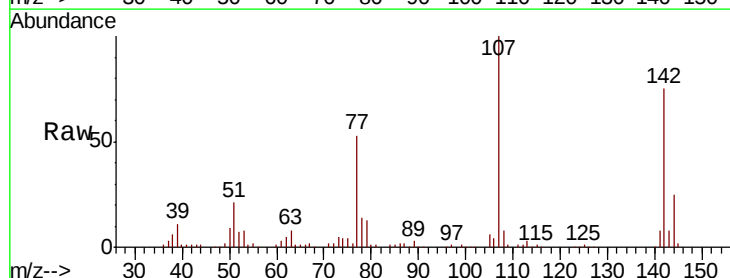
Tgt Ion:107 Resp: 193769

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

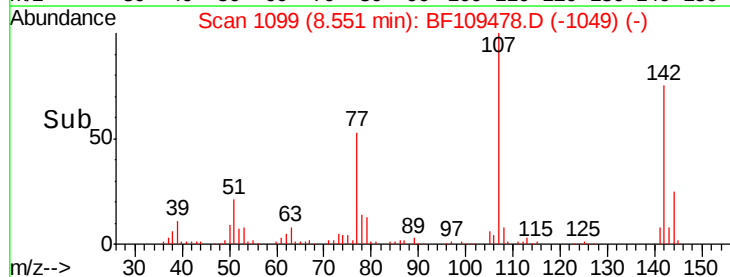
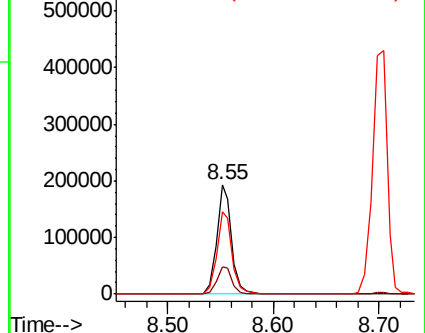
142 74.9 62.0 93.0

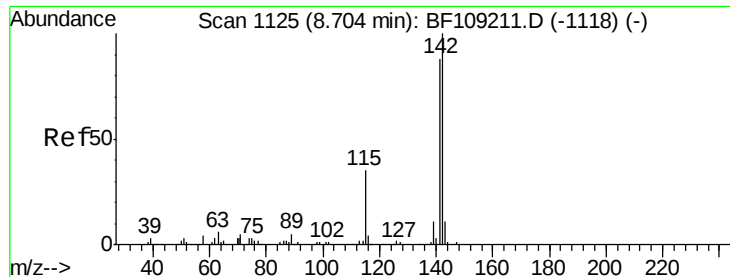


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

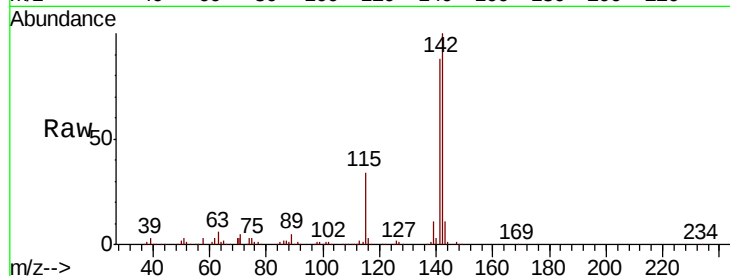




#37
 2-Methylnaphthalene
 Concen: 31.325 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.9	26.1	39.1

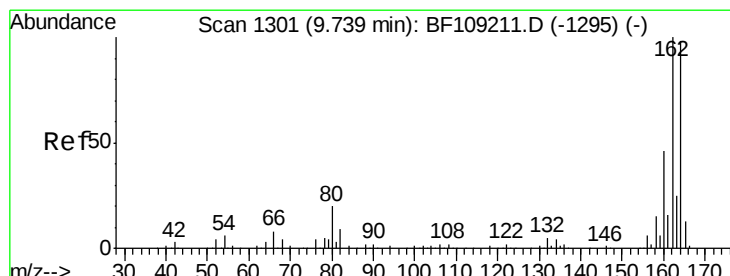
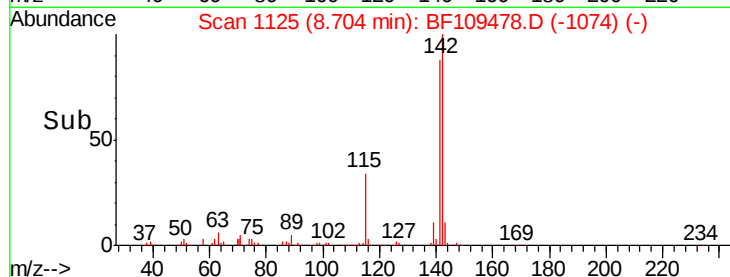
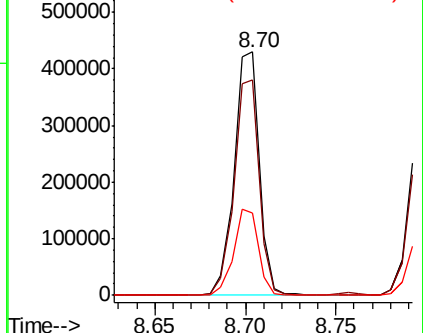


Abundance

Ion 142.00 (141.70 to 142.70): E

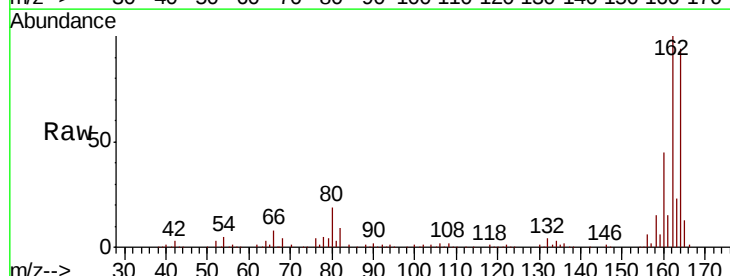
Ion 141.00 (140.70 to 141.70): E

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: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	48.0	38.3	57.5

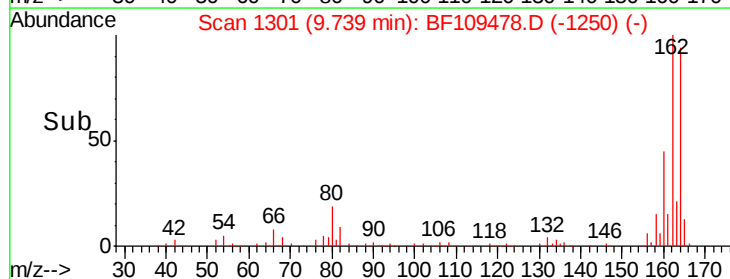
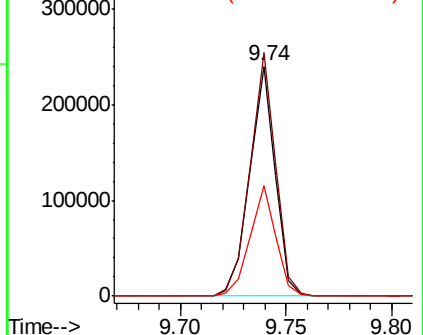


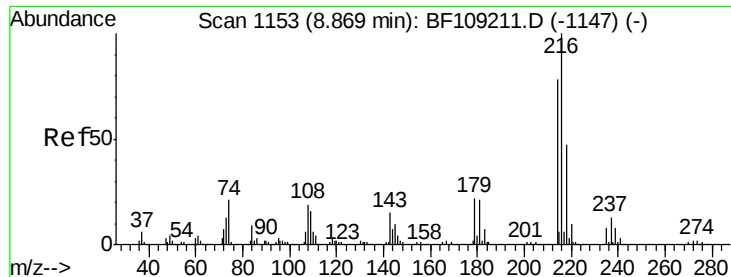
Abundance

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

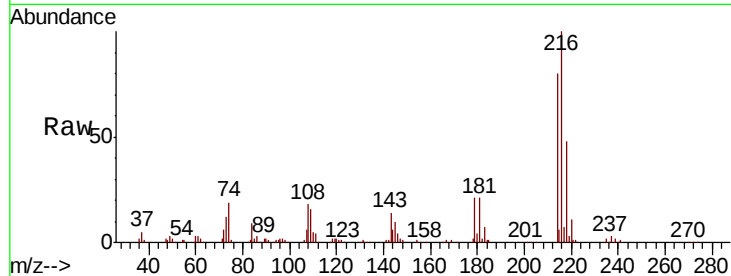




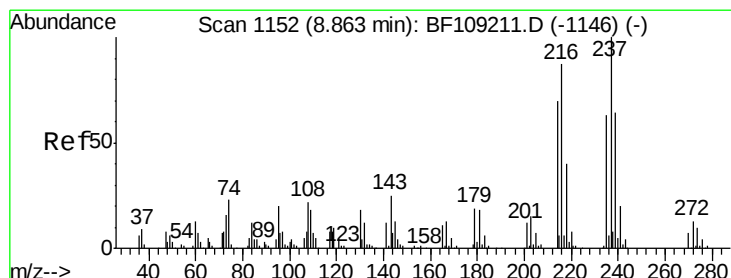
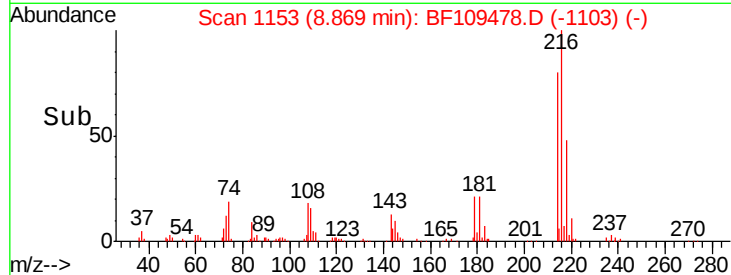
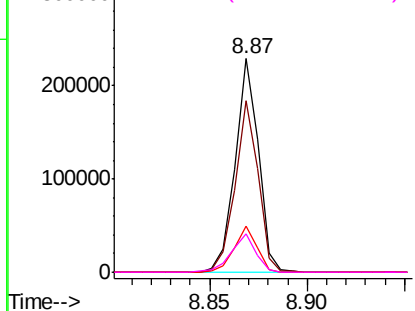
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.463 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

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

Tot Ion:	216	Resp:	189091
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.8	18.1	27.1
108	19.0	17.2	25.8

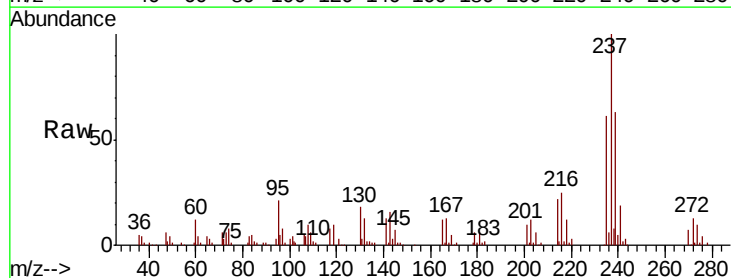


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

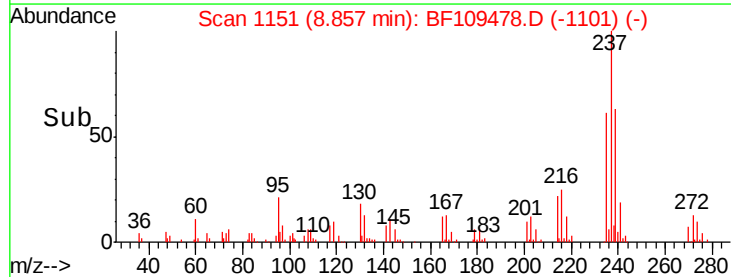
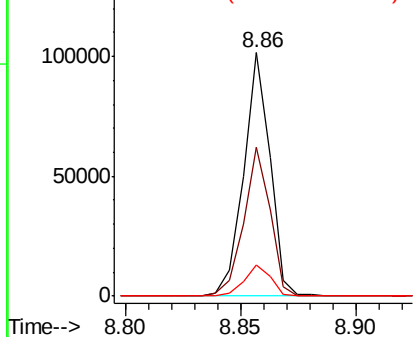


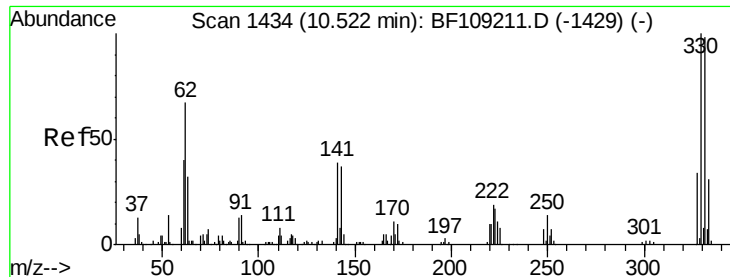
#40
 Hexachlorocyclopentadiene
 Concen: 28.958 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion:	237	Resp:	81064
Ion	Ratio	Lower	Upper
237	100		
235	61.4	44.8	84.8
272	12.7	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

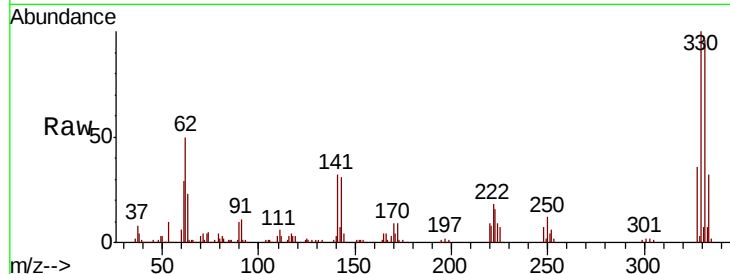




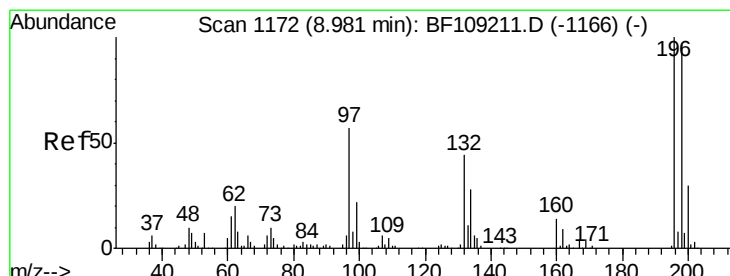
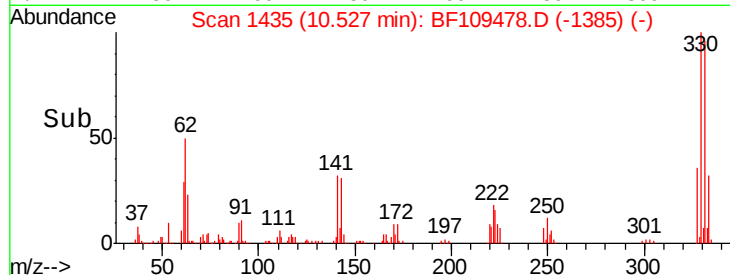
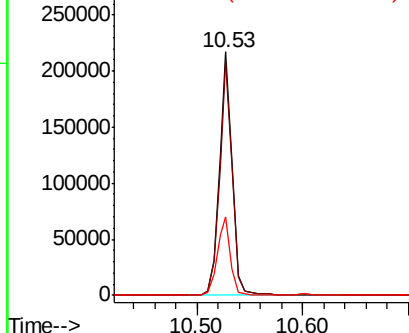
#41
 2,4,6-Tribromophenol
 Concen: 93.974 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

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

Tot Ion:330 Resp: 186819
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.1 29.9 44.9

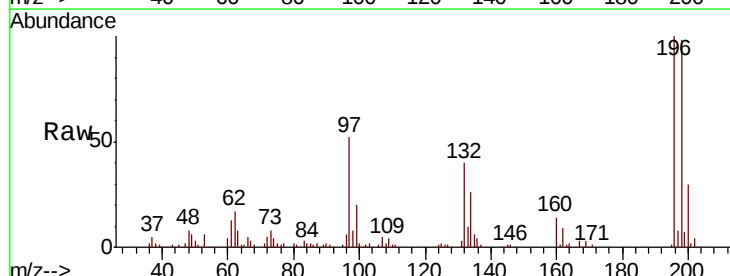


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

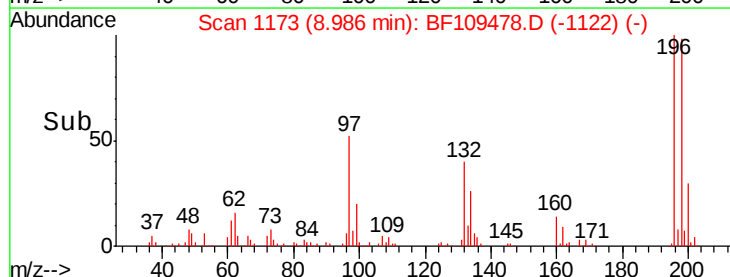
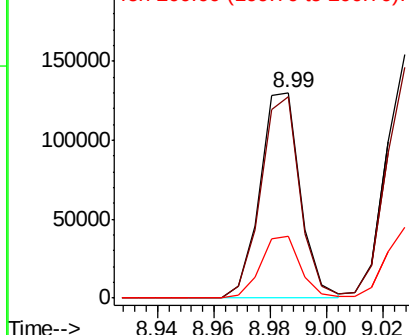


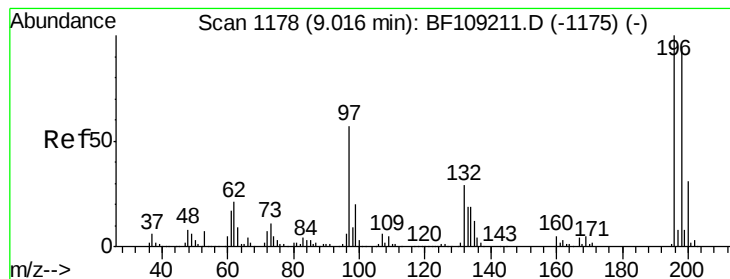
#42
 2,4,6-Trichlorophenol
 Concen: 31.554 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion:196 Resp: 129974
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.7 113.5
 200 30.2 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: 31.296 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

Tot Ion:196 Resp: 136148

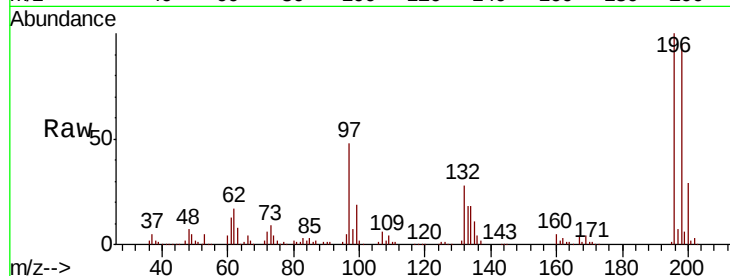
Ion Ratio Lower Upper

196 100

198 95.0 74.6 112.0

97 48.4 42.9 64.3

132 27.6 26.3 39.5

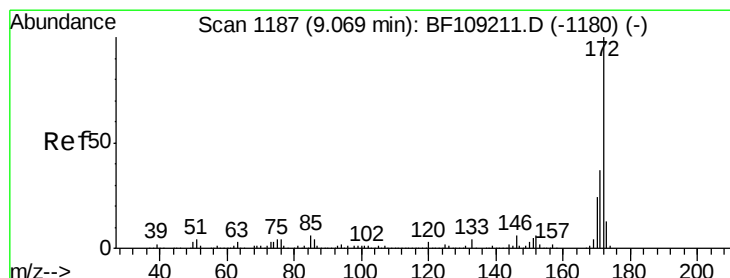
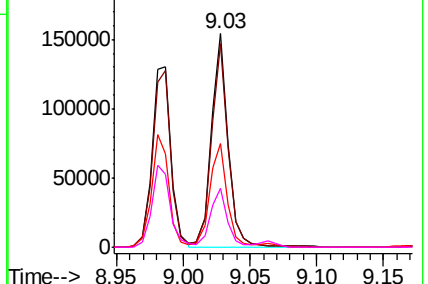
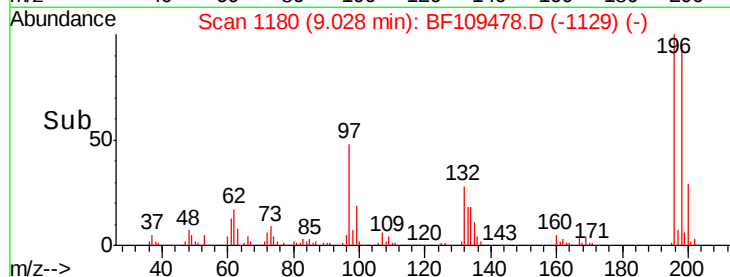


Abundance Ion 196.00 (195.70 to 196.70): E

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: 64.176 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

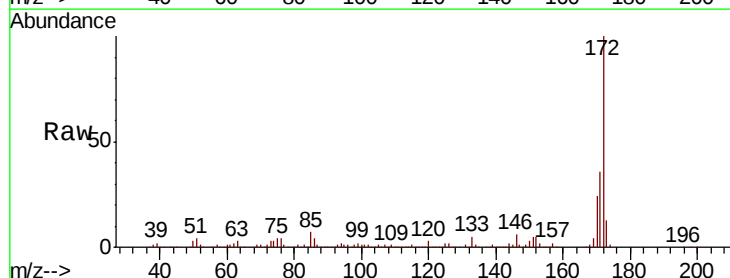
Tgt Ion:172 Resp: 858112

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

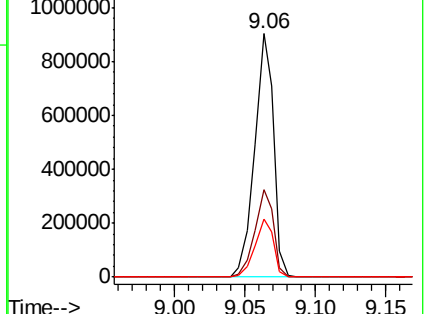
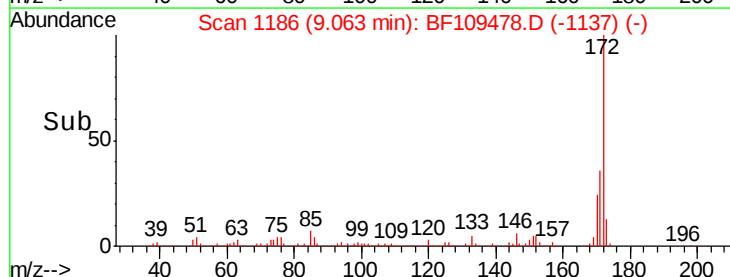
170 24.0 19.6 29.4

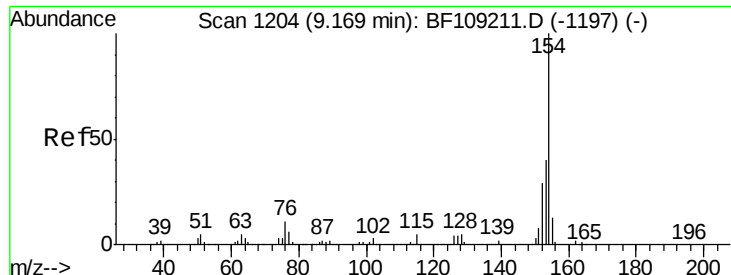


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

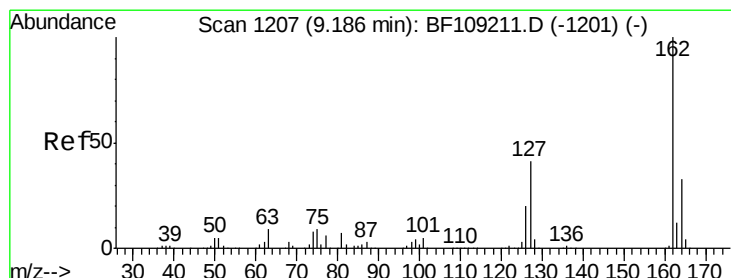
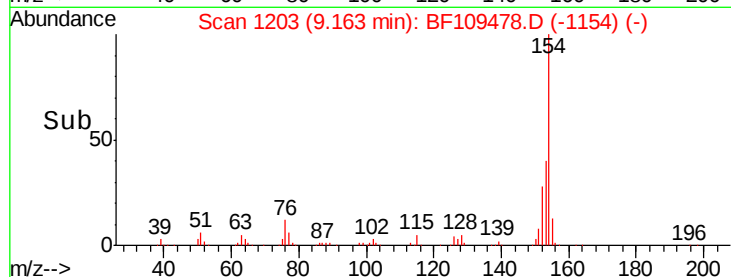
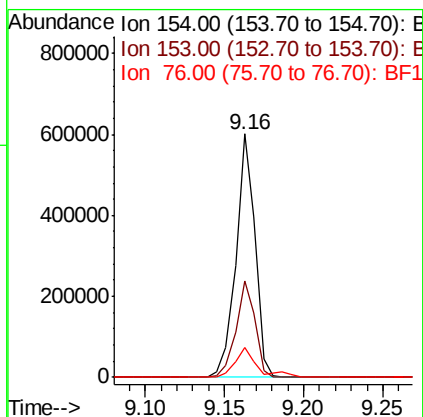
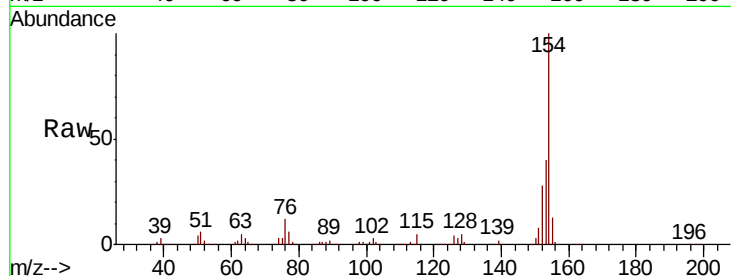




#45
 1,1'-Biphenyl
 Concen: 30.356 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

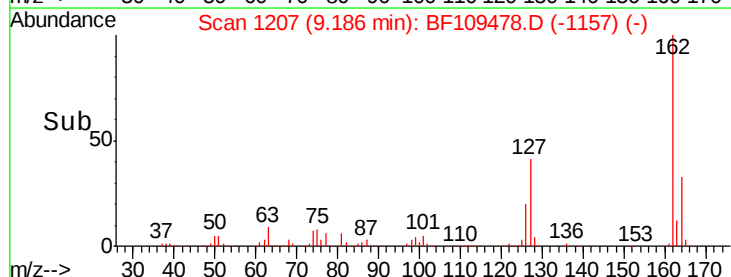
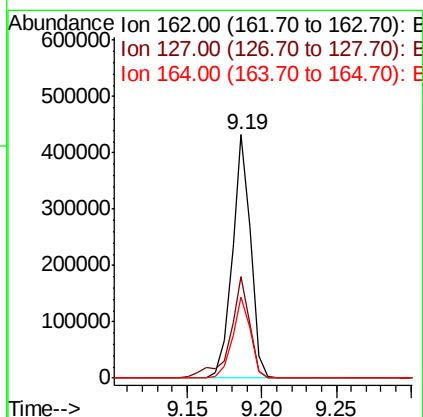
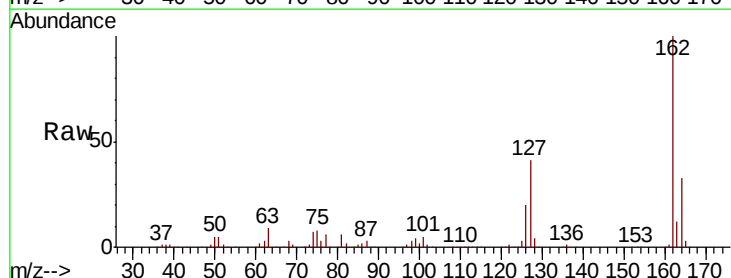
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MS

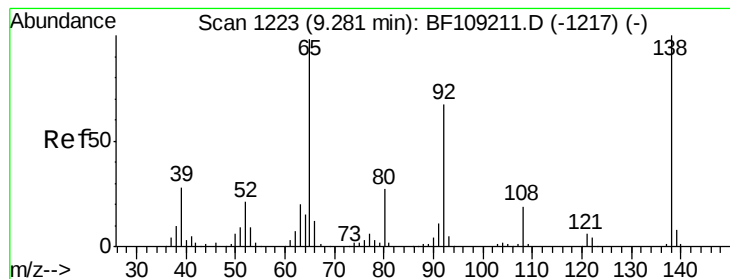
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.3	61.3
76	12.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 28.504 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	33.5	26.5	39.7





#47

2-Nitroaniline

Concen: 32.788 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

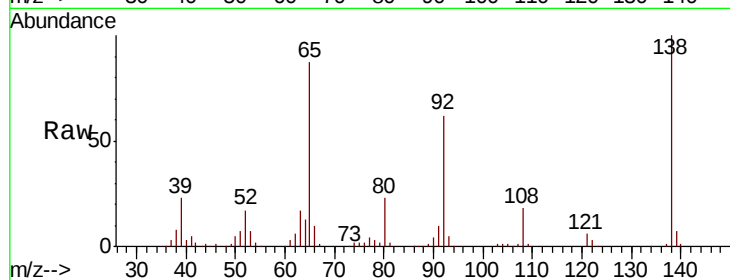
Tot Ion: 65 Resp: 122023

Ion Ratio Lower Upper

65 100

92 72.0 55.8 83.6

138 115.3 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

200000

150000

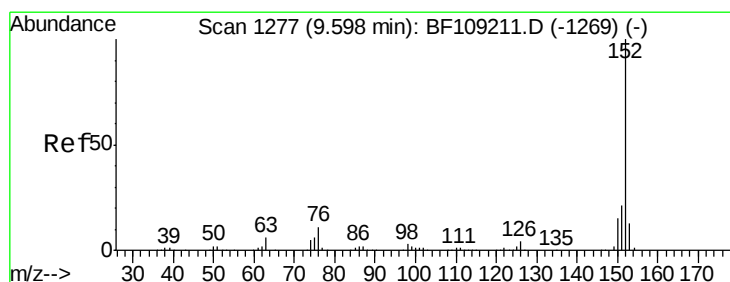
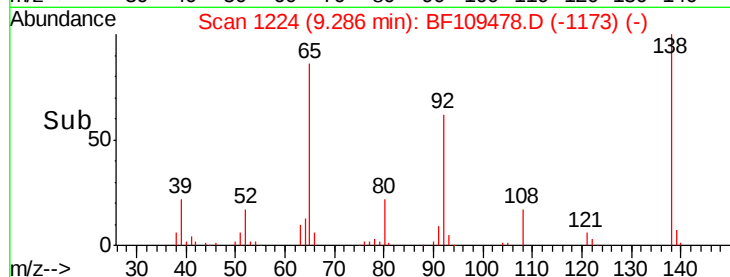
100000

50000

0

9.29

Time-->



#48

Acenaphthylene

Concen: 30.321 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

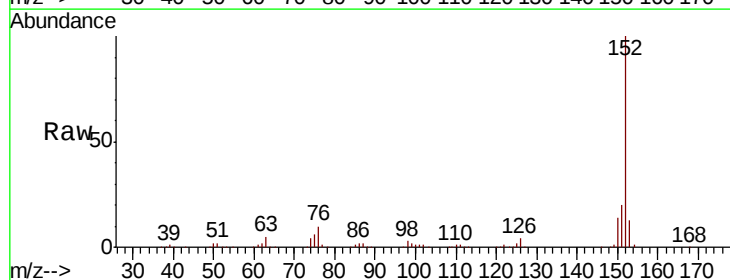
Tgt Ion: 152 Resp: 600426

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.3 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

800000

600000

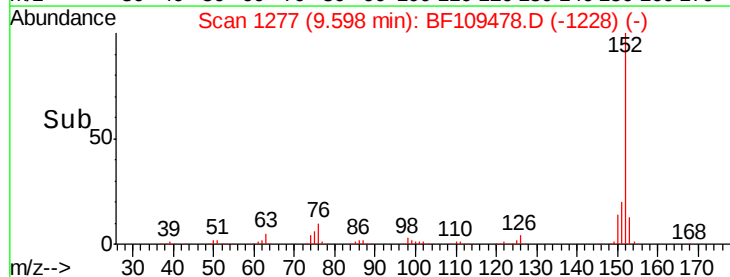
400000

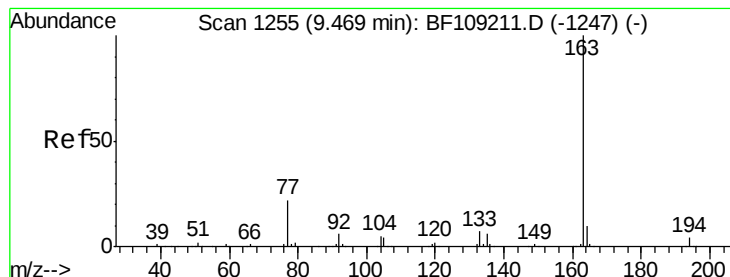
200000

0

9.60

Time-->





#49

Dimethylphthalate

Concen: 36.828 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

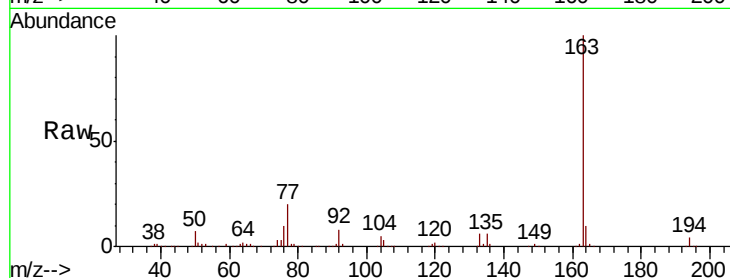
Tot Ion:163 Resp: 540178

Ion Ratio Lower Upper

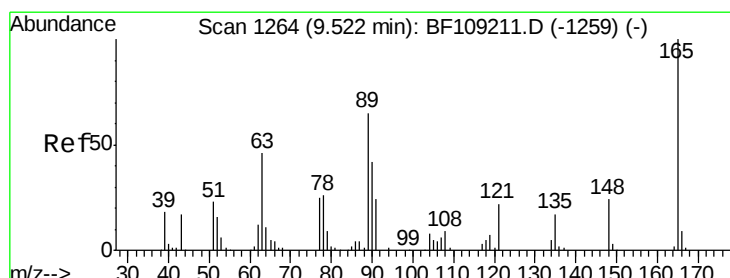
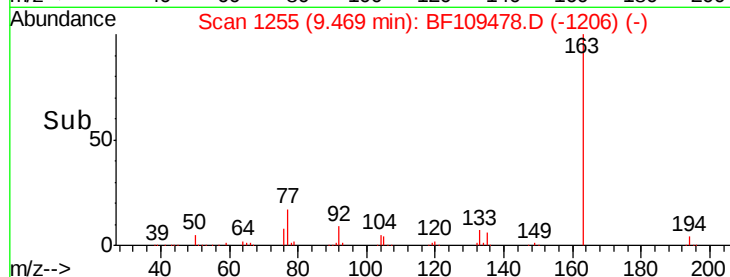
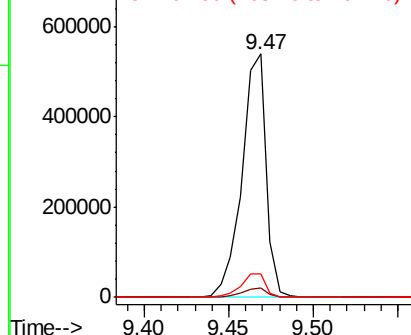
163 100

194 4.0 2.7 4.1

164 9.8 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: 30.967 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

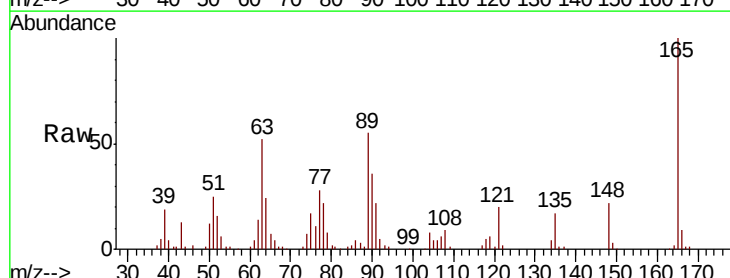
Tgt Ion:165 Resp: 89959

Ion Ratio Lower Upper

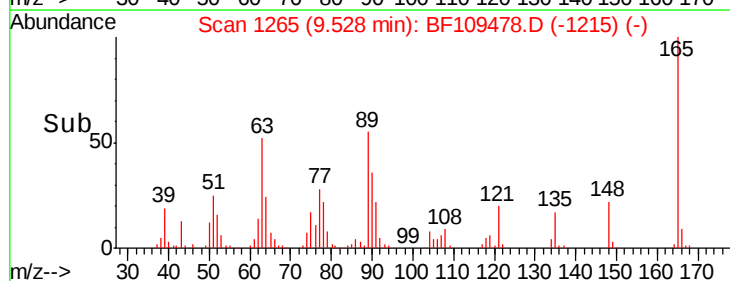
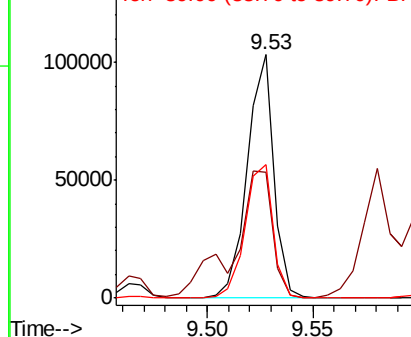
165 100

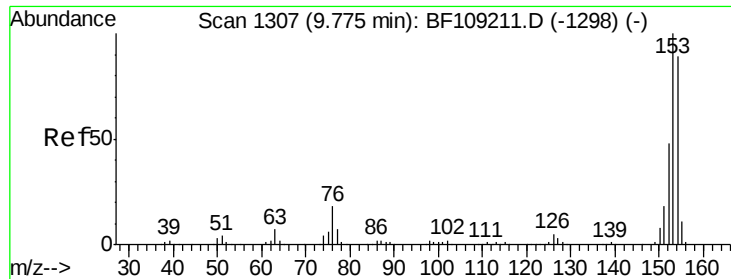
63 51.8 44.7 67.1

89 54.8 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

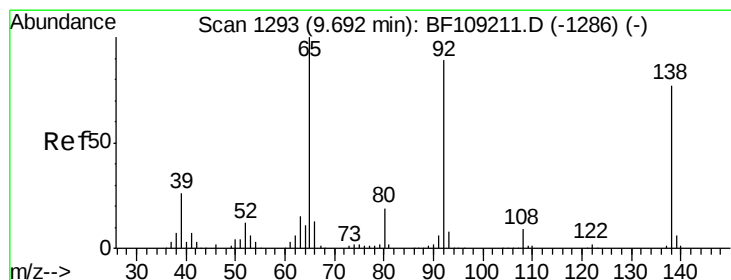
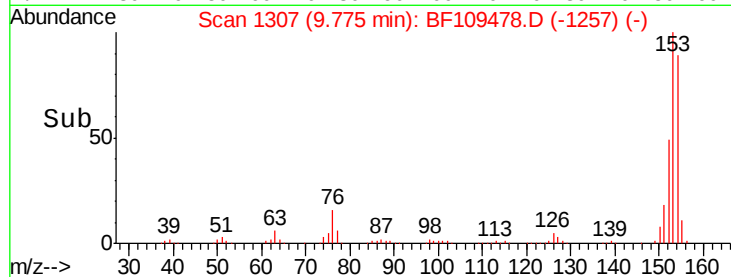
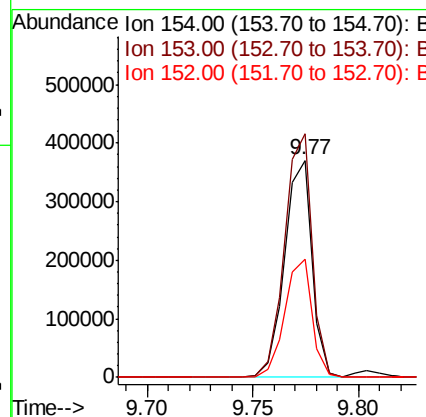
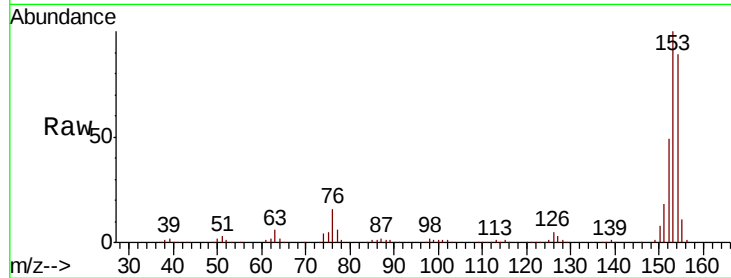




#51
Acenaphthene
Concen: 28.120 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

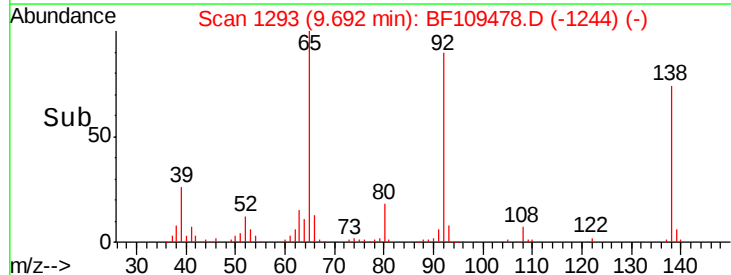
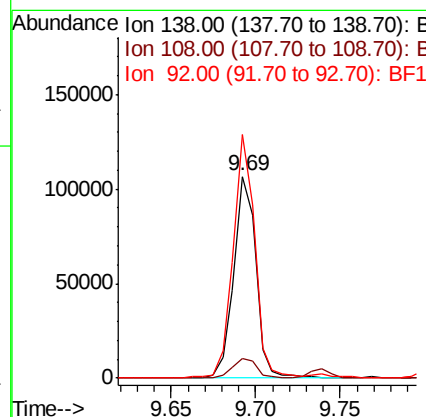
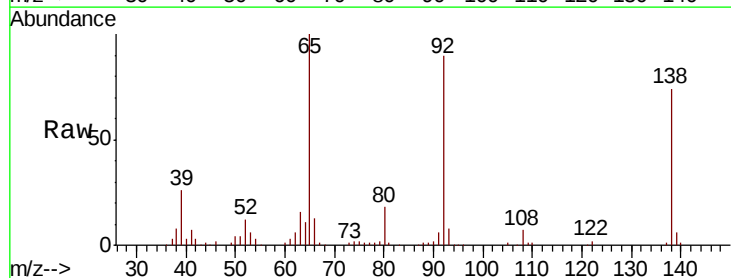
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MS

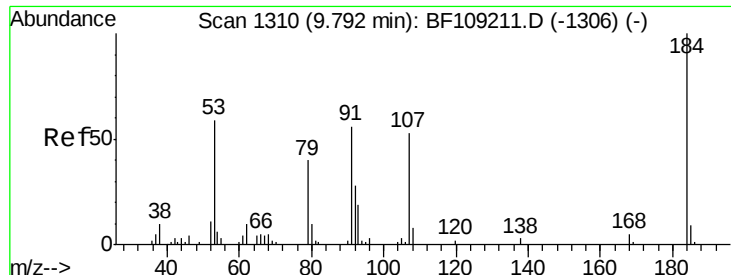
Tot Ion:154 Resp: 336664
Ion Ratio Lower Upper
154 100
153 112.3 91.2 136.8
152 54.7 43.8 65.8



#52
3-Nitroaniline
Concen: 28.971 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:138 Resp: 97464
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.0
92 120.9 89.4 134.2

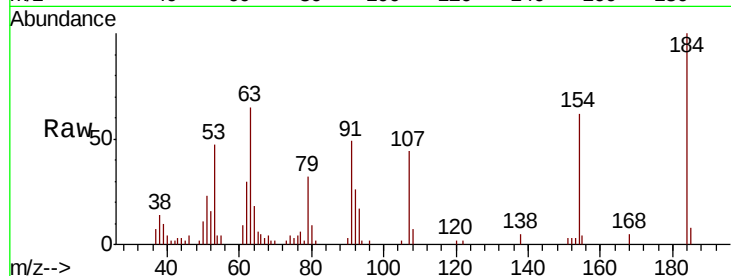




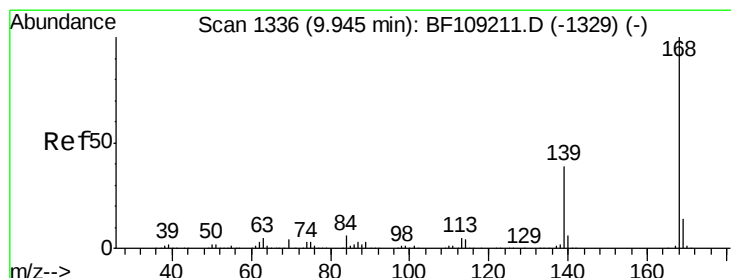
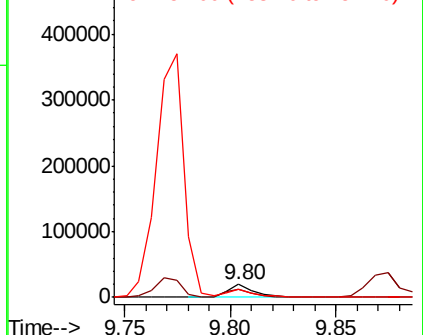
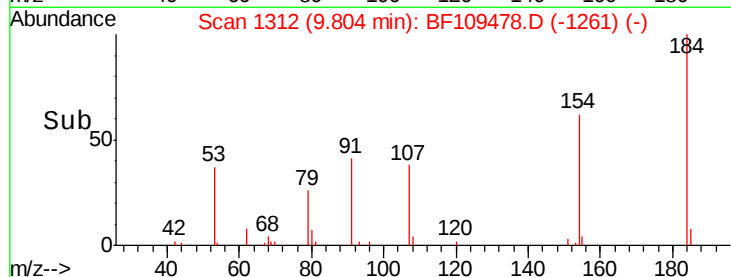
#53
2,4-Dinitrophenol
Concen: 23.860 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion:184 Resp: 17702
Ion Ratio Lower Upper
184 100
63 65.2 54.2 81.2
154 61.8 184.0 276.0#

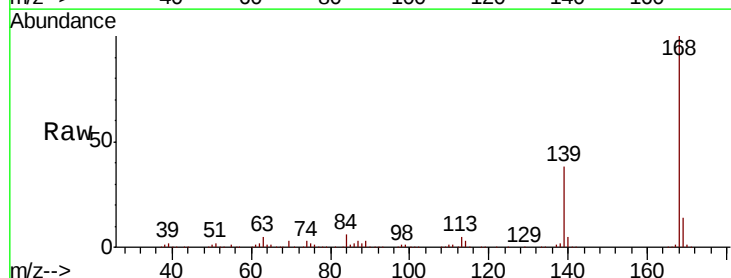


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

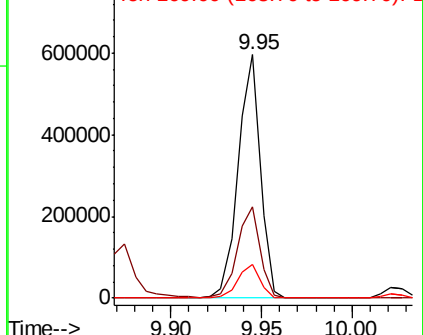
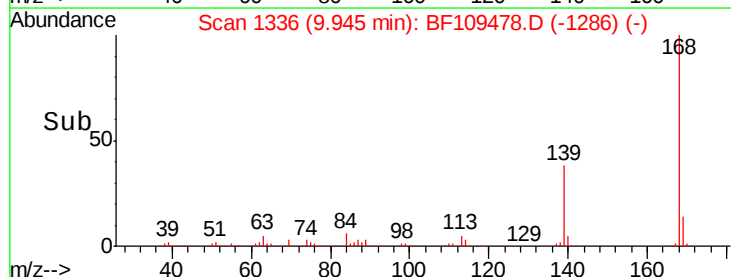


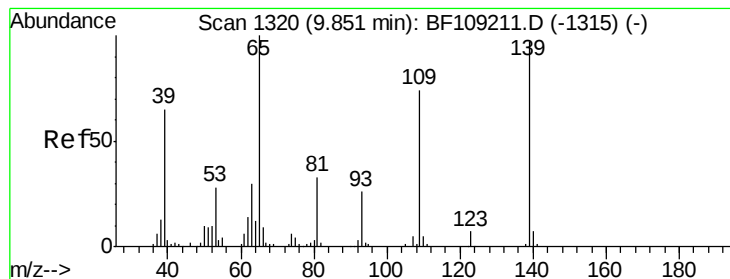
#54
Dibenzofuran
Concen: 28.491 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:168 Resp: 507277
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 52.717 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

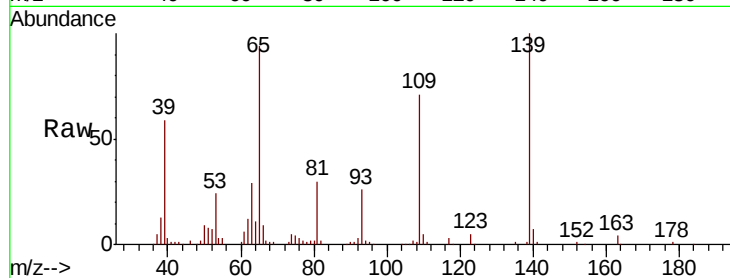
Tot Ion:139 Resp: 133599

Ion Ratio Lower Upper

139 100

109 71.1 48.4 88.4

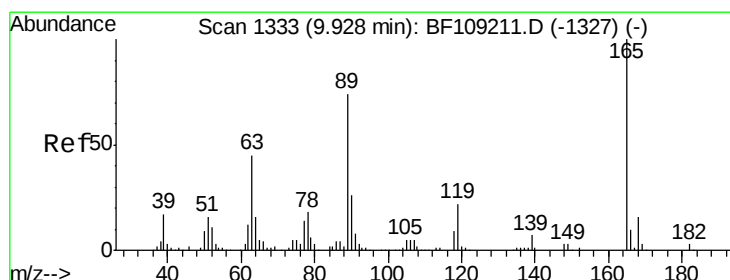
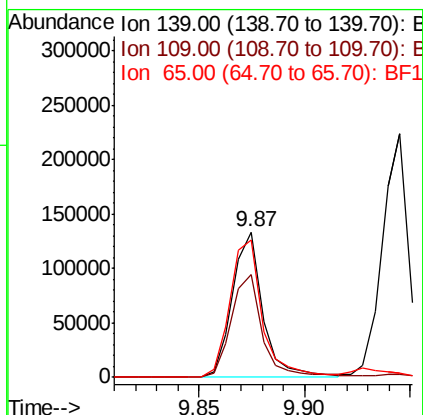
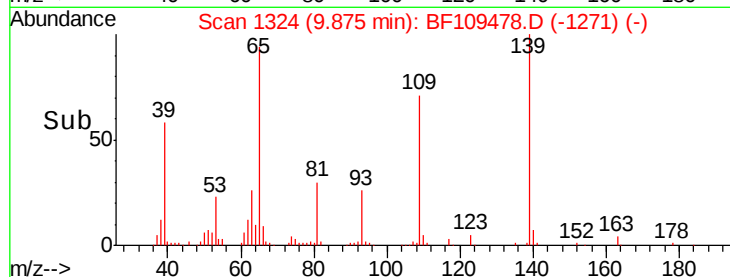
65 94.2 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 30.706 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Tgt Ion:165 Resp: 112863

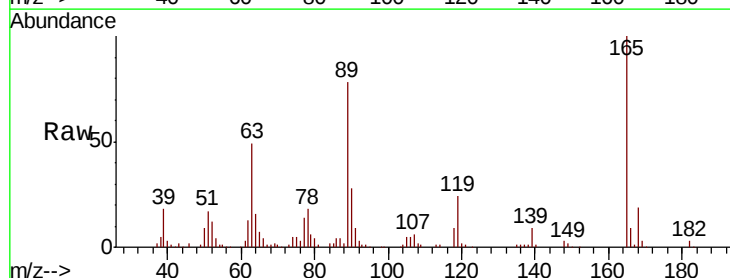
Ion Ratio Lower Upper

165 100

63 48.7 36.4 54.6

89 78.4 57.8 86.6

182 2.7 1.6 2.4#

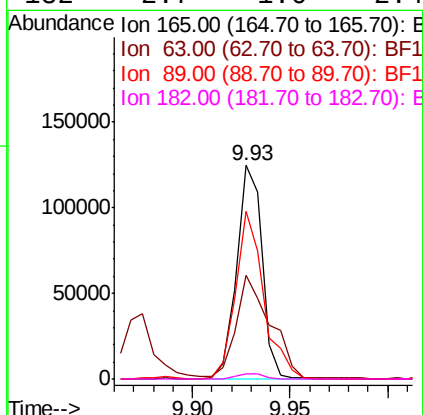
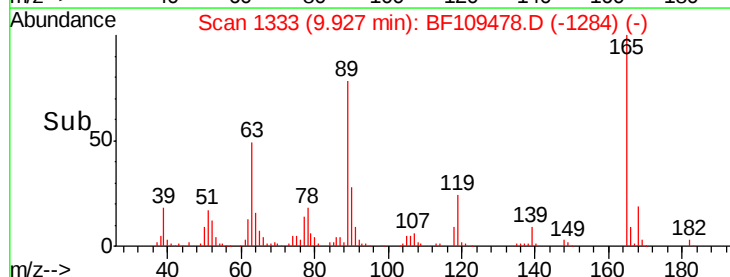


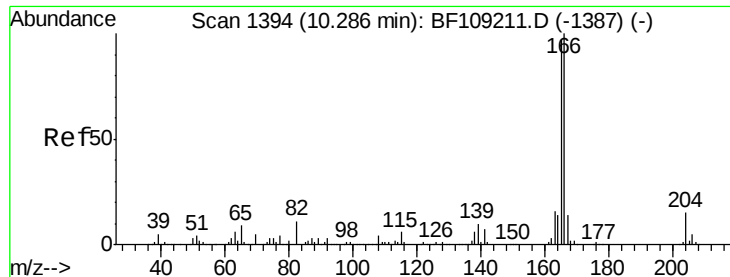
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 30.389 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

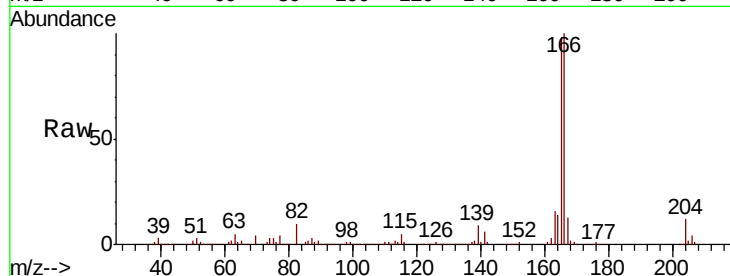
Tot Ion:166 Resp: 386059

Ion Ratio Lower Upper

166 100

165 97.8 79.8 119.8

167 13.1 10.6 16.0

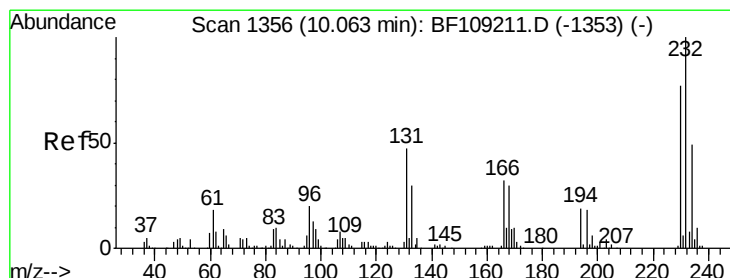
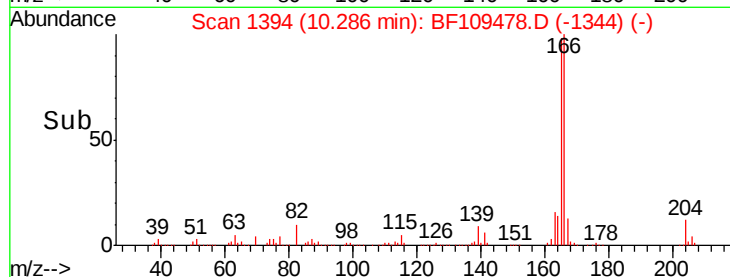
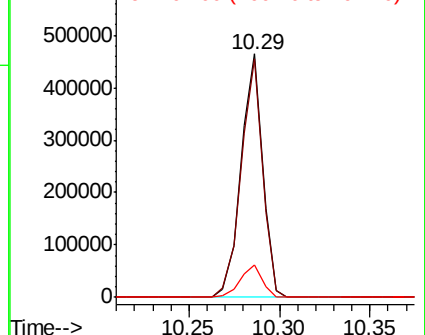


Abundance

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: 30.781 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Tgt Ion:232 Resp: 106026

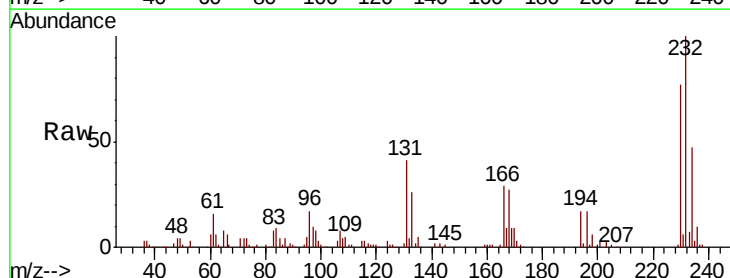
Ion Ratio Lower Upper

232 100

131 44.8 43.8 65.8

130 2.2 2.1 3.1

166 30.6 27.8 41.6



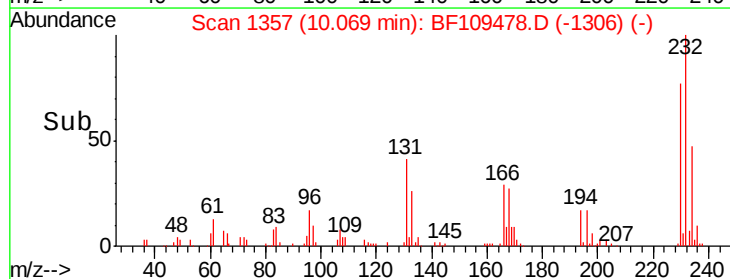
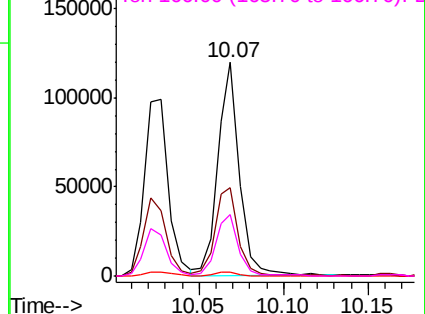
Abundance

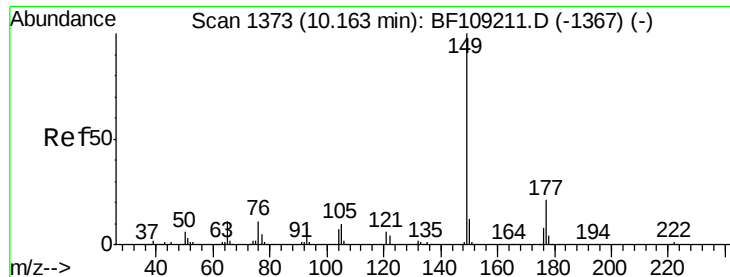
Ion 232.00 (231.70 to 232.70): E

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

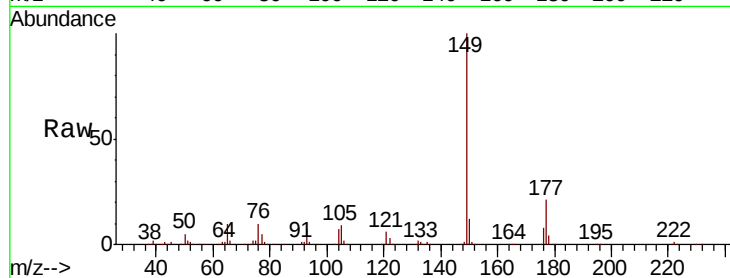




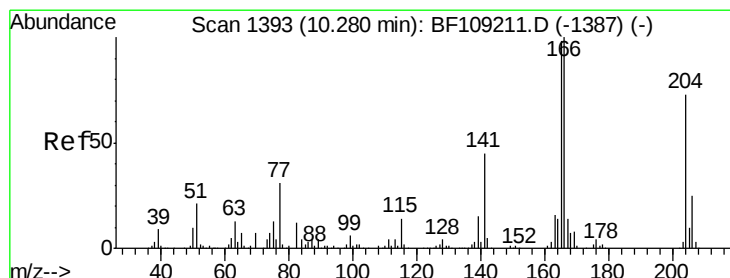
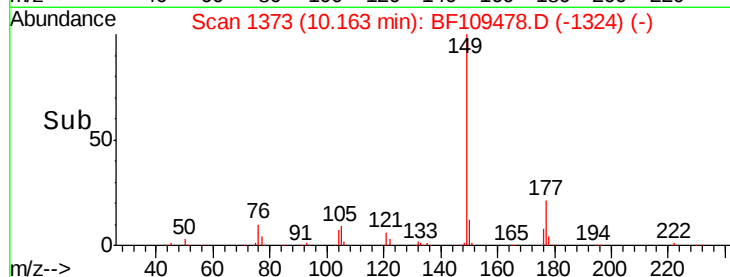
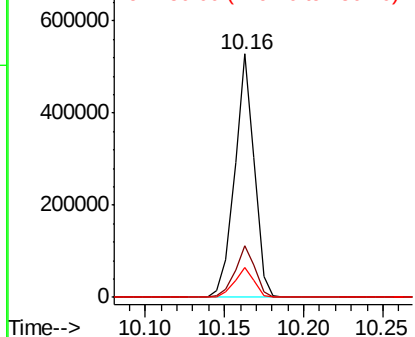
#59
Diethylphthalate
Concen: 30.352 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion:149 Resp: 450832
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.4 10.1 15.1

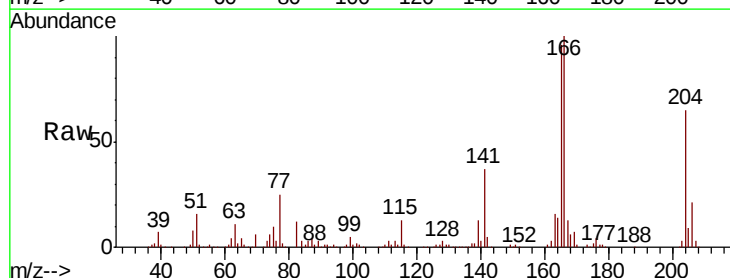


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

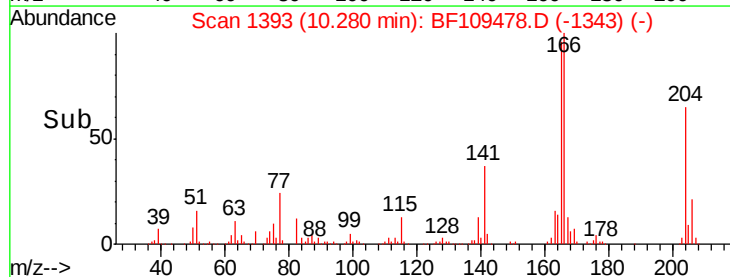
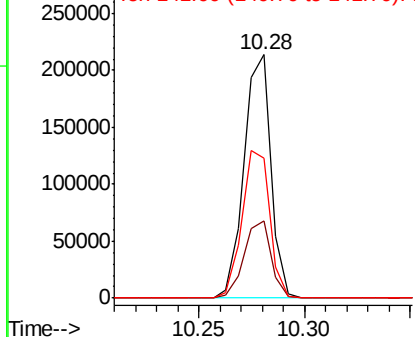


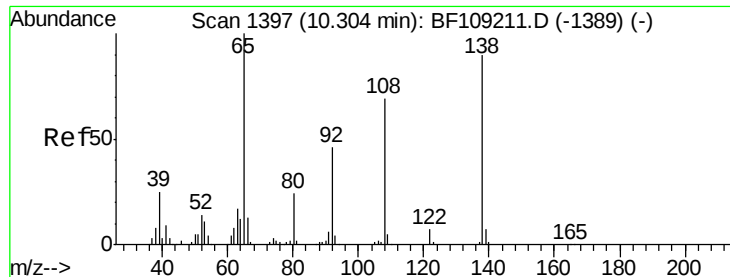
#60
4-Chlorophenyl-phenylether
Concen: 28.494 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:204 Resp: 189064
Ion Ratio Lower Upper
204 100
206 31.5 26.5 39.7
141 57.4 54.6 81.8



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

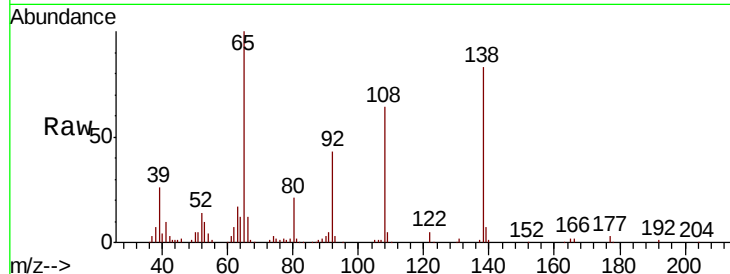




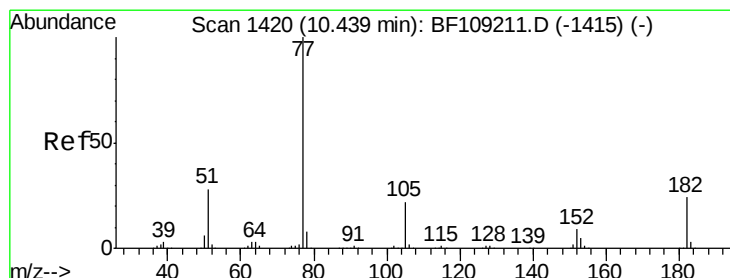
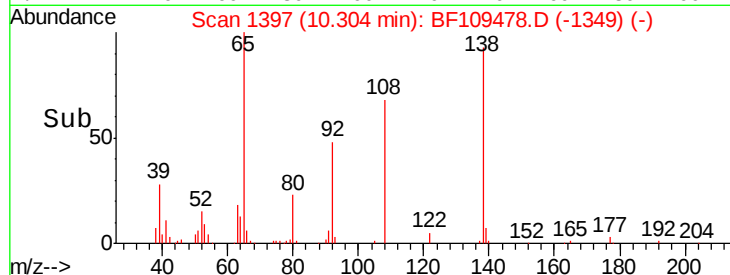
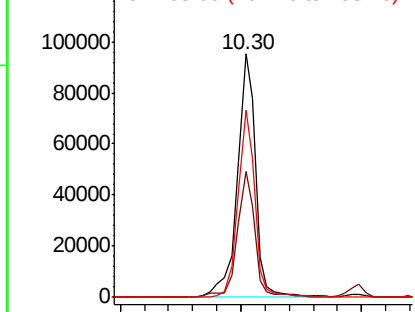
#61
4-Nitroaniline
Concen: 30.823 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion:138 Resp: 101126
Ion Ratio Lower Upper
138 100
92 51.7 30.2 70.2
108 77.0 52.5 92.5

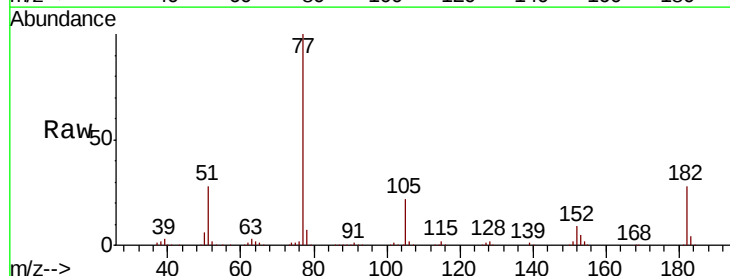


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

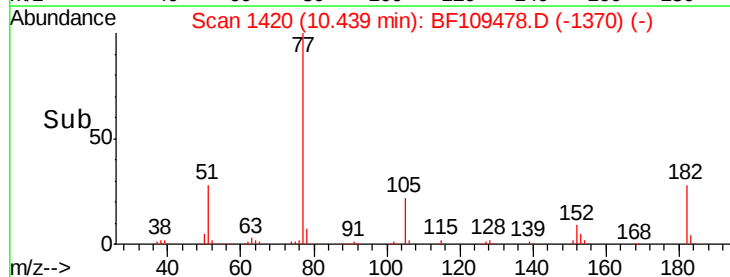
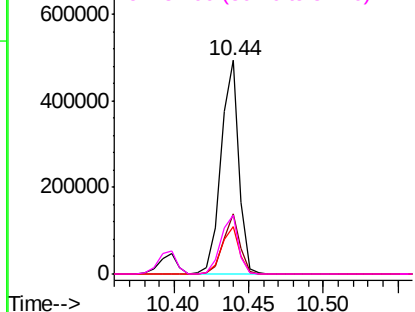


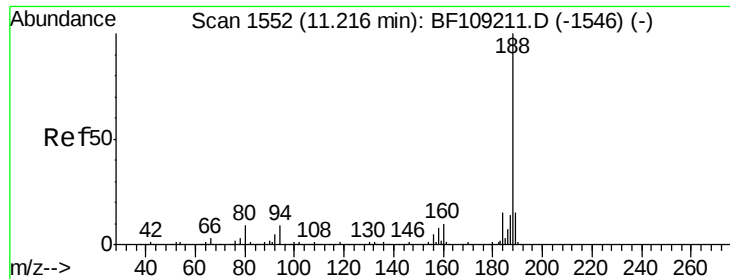
#62
Azobenzene
Concen: 26.800 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion: 77 Resp: 413582
Ion Ratio Lower Upper
77 100
182 28.0 1.7 41.7
105 22.0 3.0 43.0
51 27.7 9.9 49.9



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

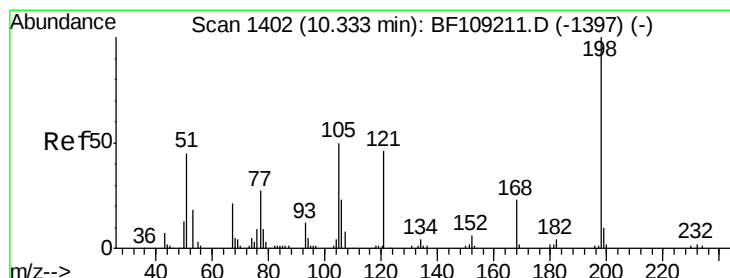
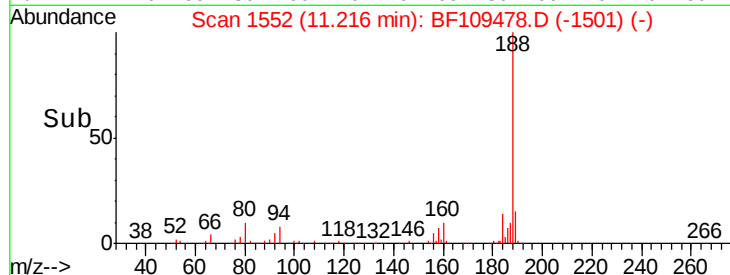
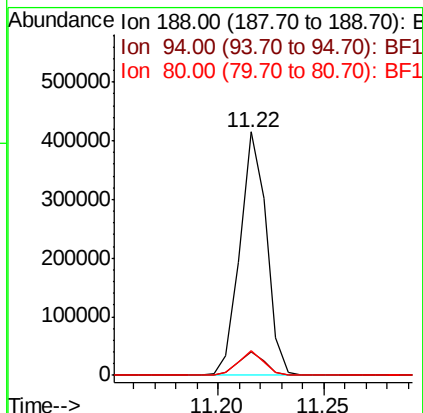
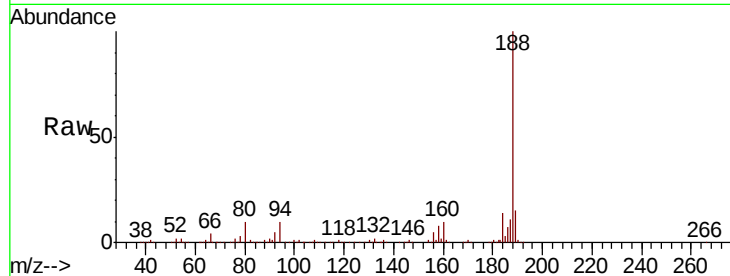




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

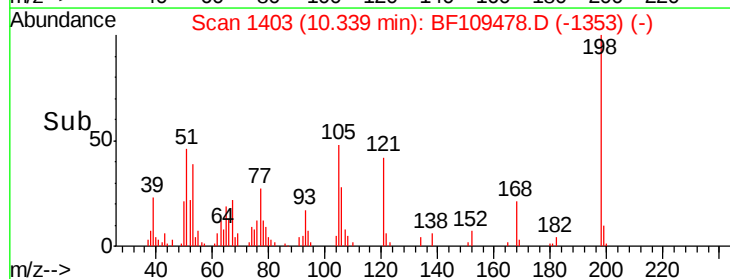
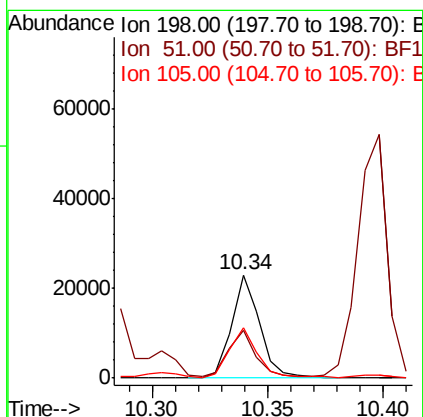
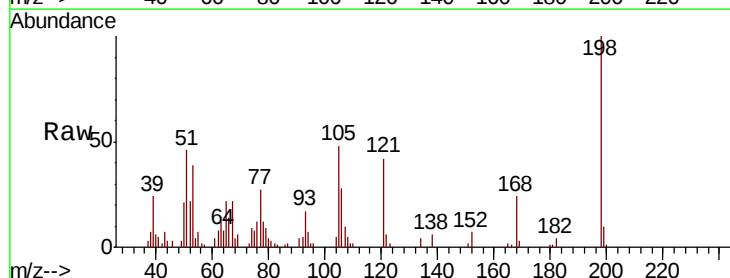
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-042MS

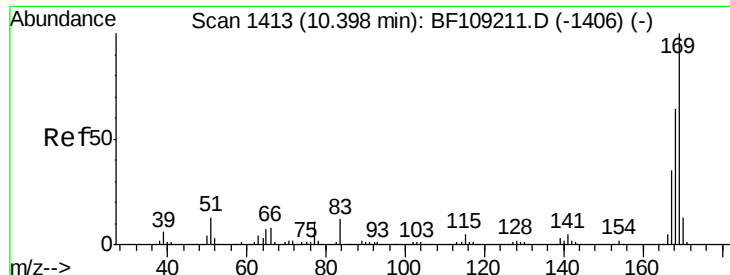
Tot Ion:188 Resp: 360144
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 18.156 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:198 Resp: 19410
Ion Ratio Lower Upper
198 100
51 46.3 37.7 77.7
105 48.4 36.3 76.3

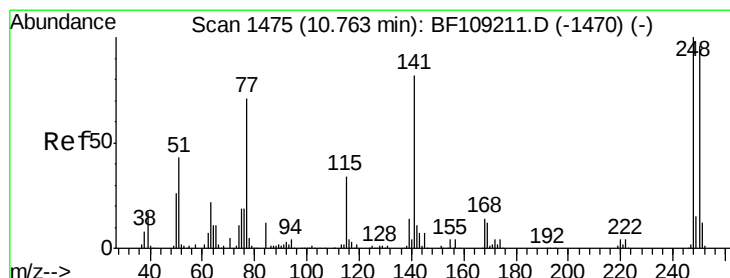
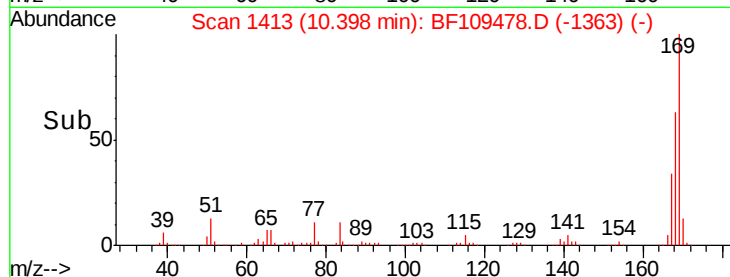
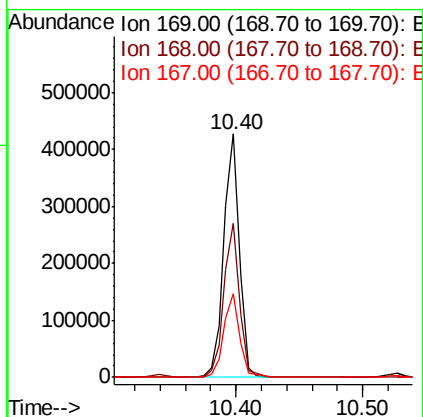
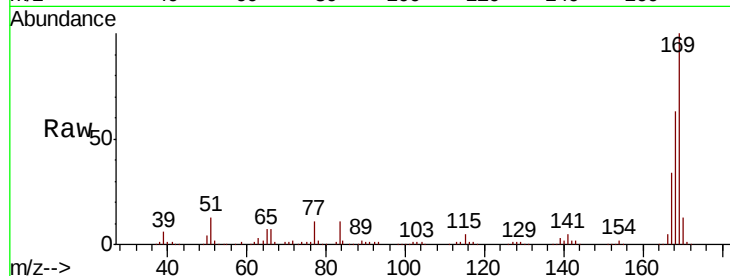




#65
 n-Nitrosodiphenylamine
 Concen: 30.783 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

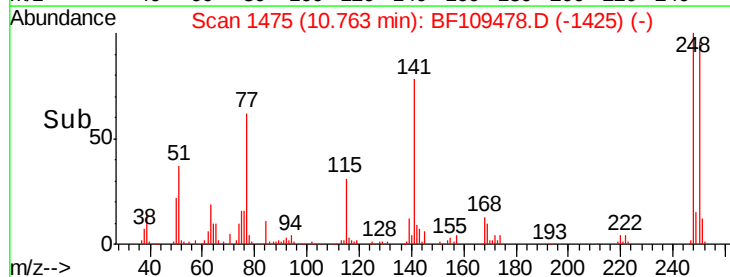
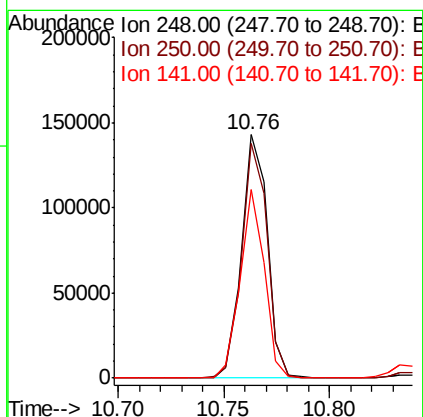
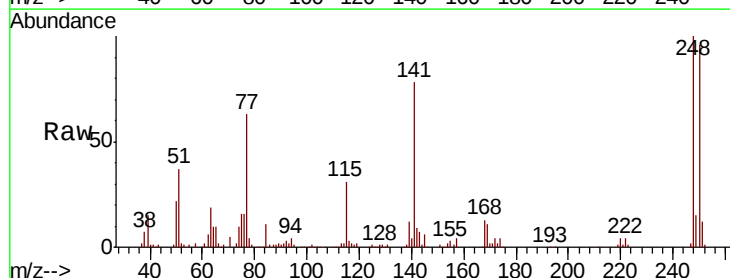
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MS

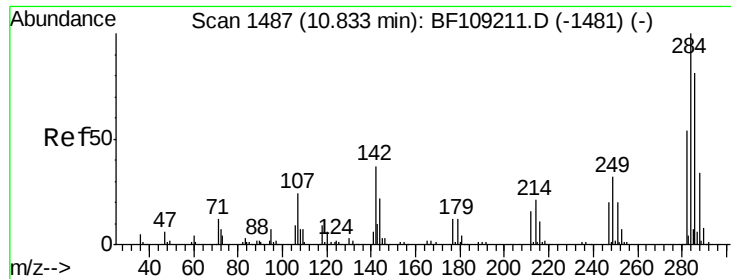
Tot Ion:169 Resp: 366288
 Ion Ratio Lower Upper
 169 100
 168 63.5 54.4 81.6
 167 34.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 30.159 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion:248 Resp: 120615
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 77.5 74.4 111.6

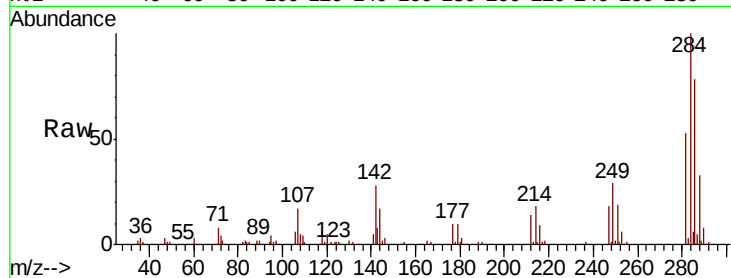




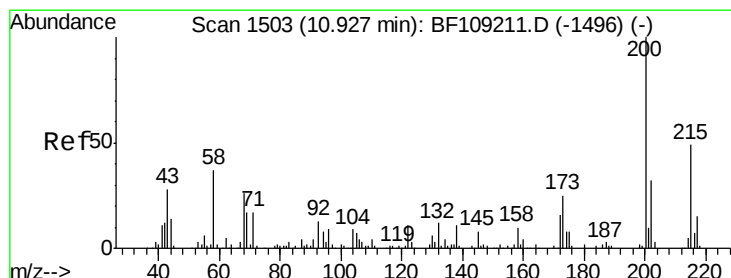
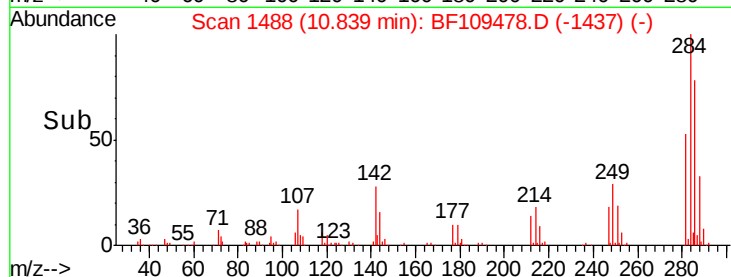
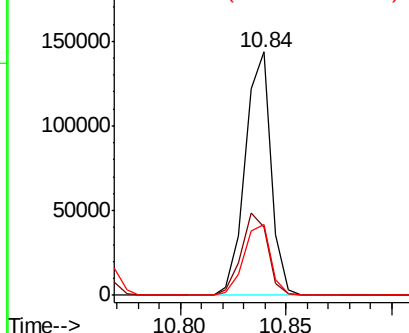
#67
Hexachlorobenzene
Concen: 28.714 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion:284 Resp: 121963
Ion Ratio Lower Upper
284 100
142 28.3 34.6 52.0#
249 28.9 24.8 37.2

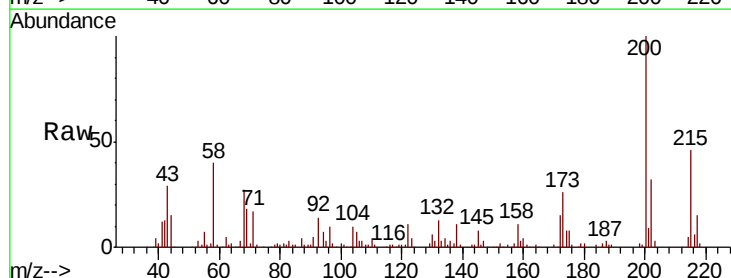


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

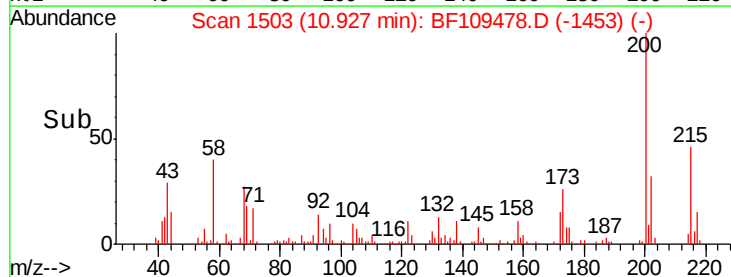
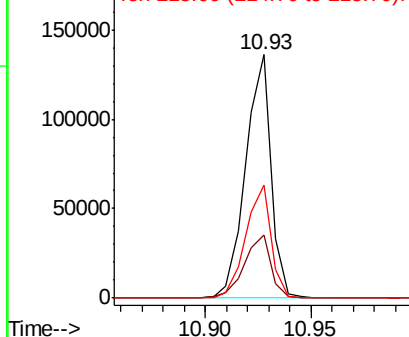


#68
Atrazine
Concen: 31.037 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:200 Resp: 113580
Ion Ratio Lower Upper
200 100
173 25.8 8.6 48.6
215 46.3 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

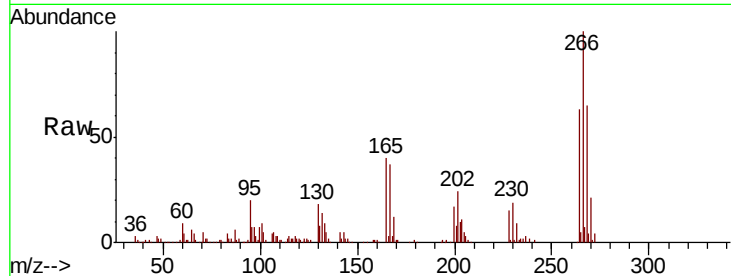




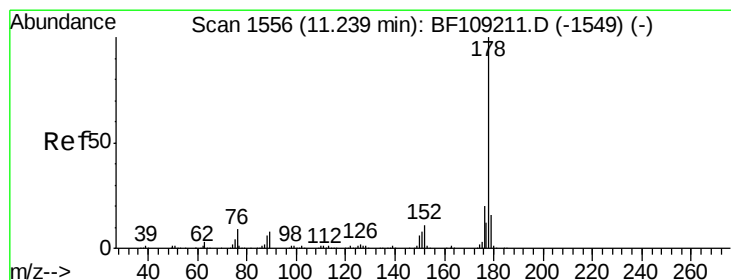
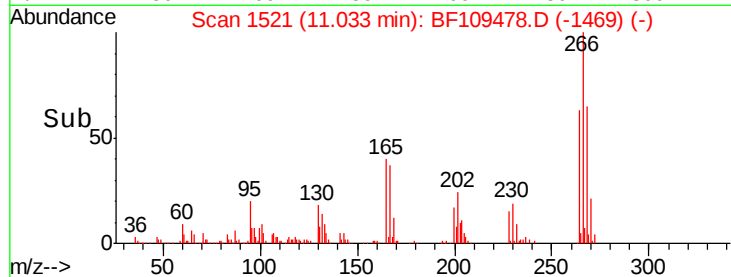
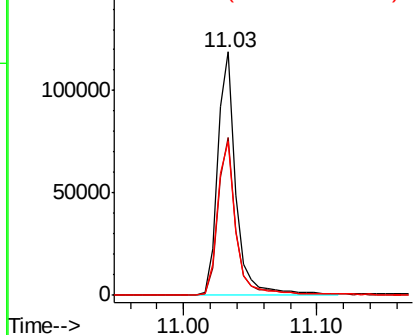
#69
 Pentachlorophenol
 Concen: 45.835 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

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

Tot Ion:266 Resp: 116520
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.1 76.7
 264 63.3 49.5 74.3

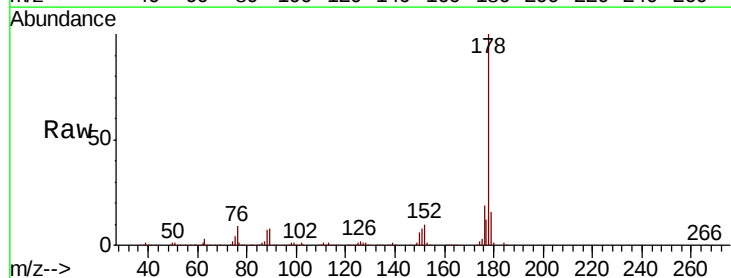


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

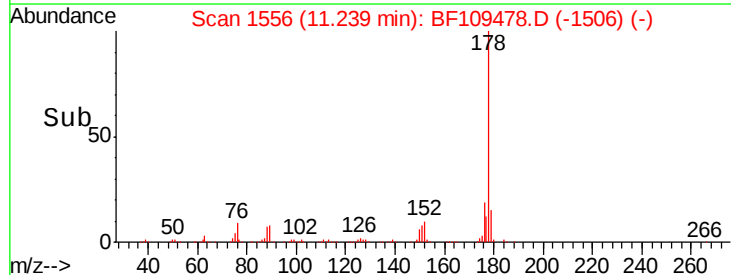
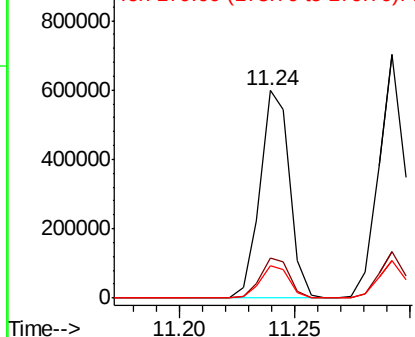


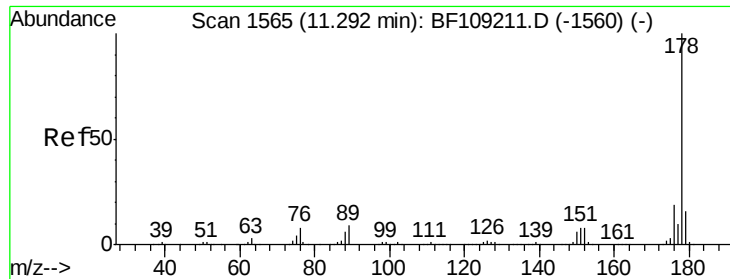
#70
 Phenanthrene
 Concen: 29.729 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion:178 Resp: 534581
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

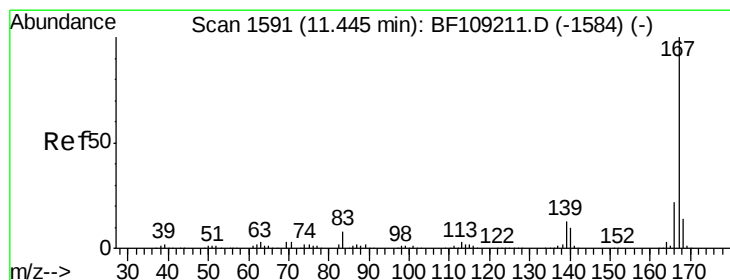
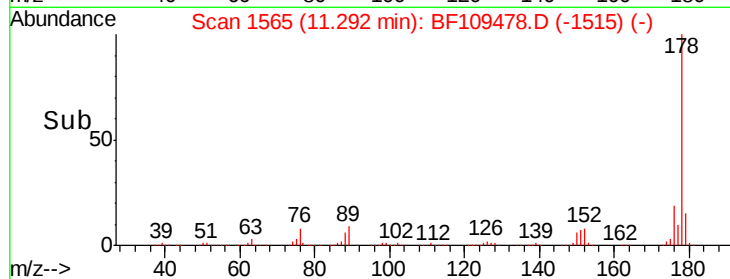
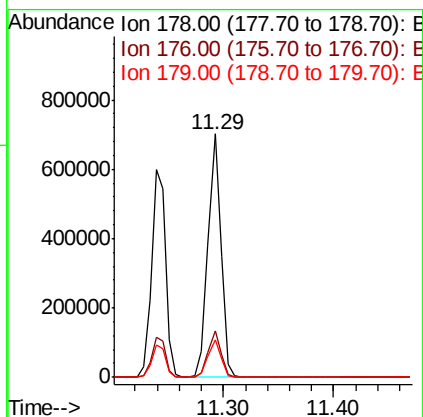
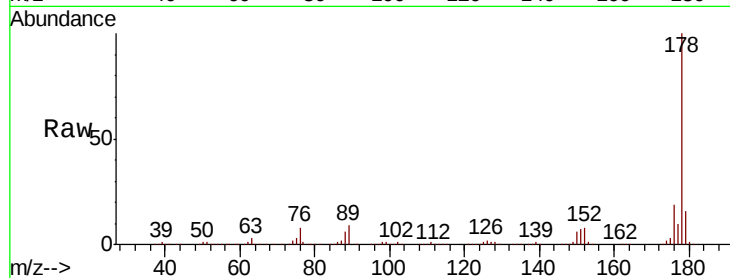




#71
 Anthracene
 Concen: 30.332 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

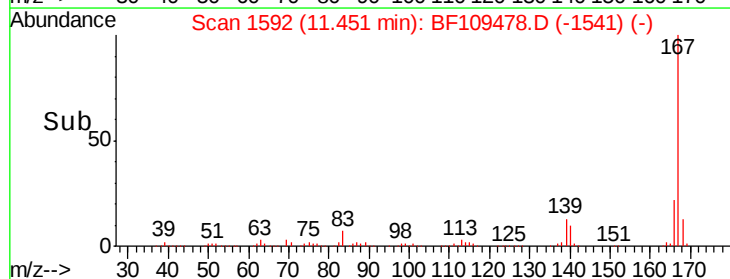
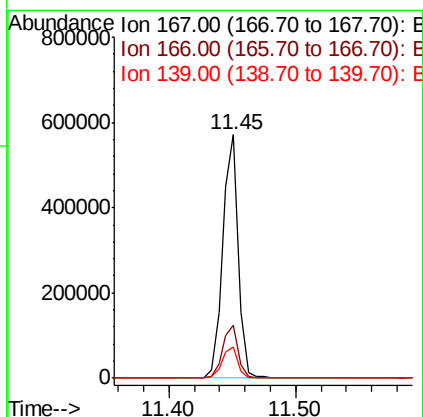
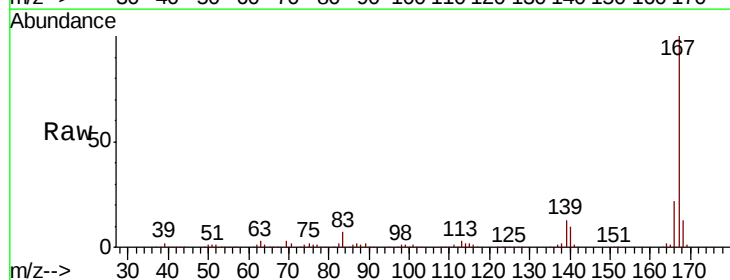
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-042MS

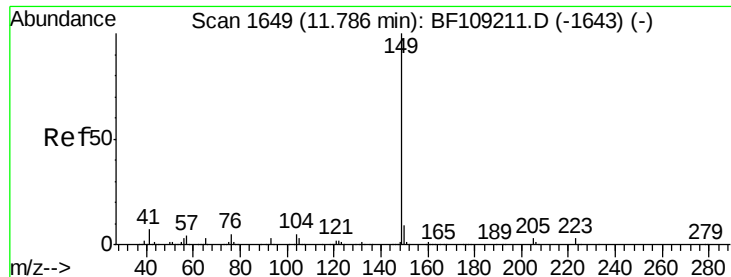
Tot Ion:178 Resp: 553204
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 26.813 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion:167 Resp: 486560
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.420 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

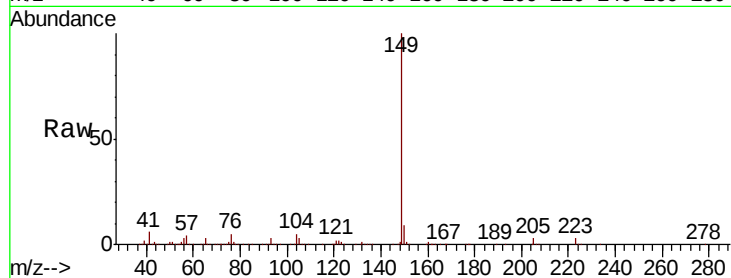
Tot Ion:149 Resp: 656367

Ion Ratio Lower Upper

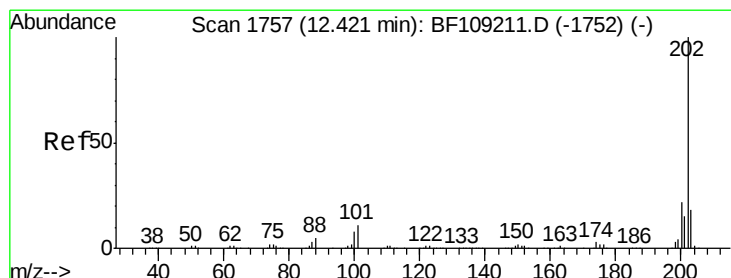
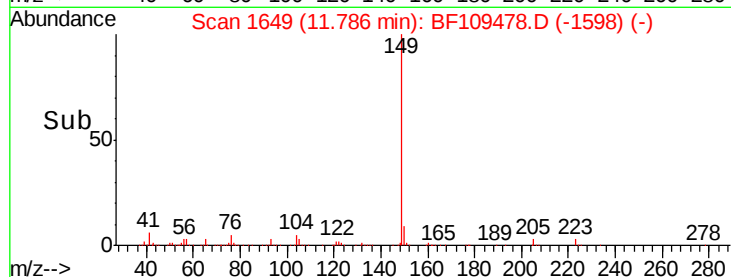
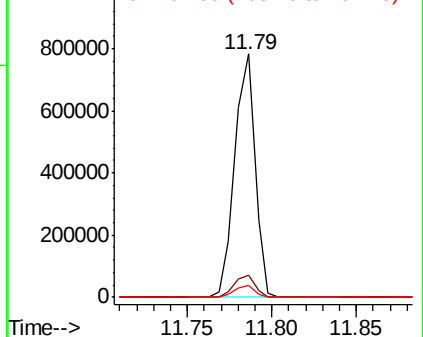
149 100

150 8.9 7.8 11.6

104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.059 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

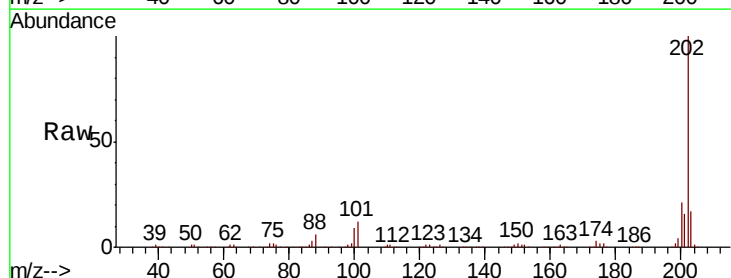
Tgt Ion:202 Resp: 519983

Ion Ratio Lower Upper

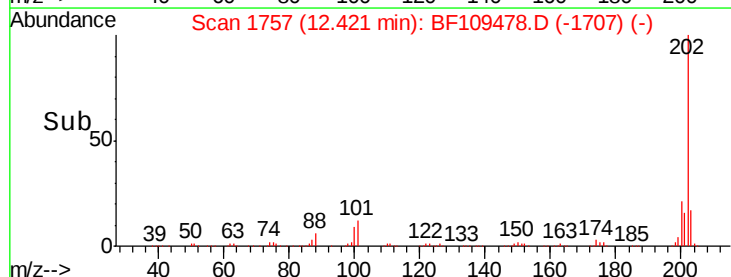
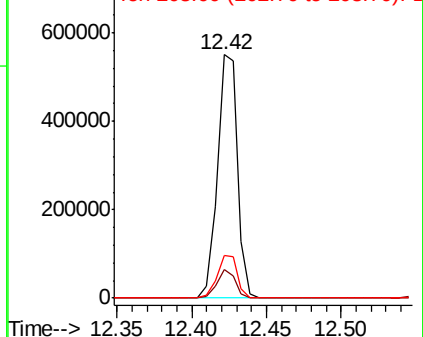
202 100

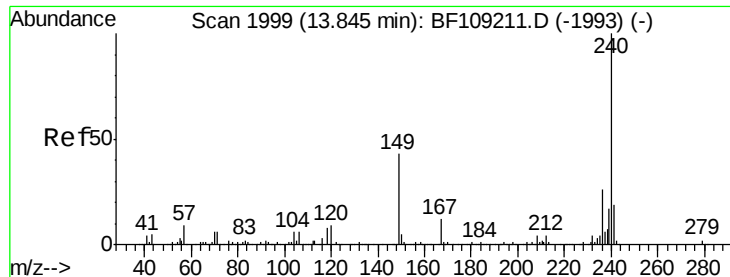
101 11.9 0.0 34.1

203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

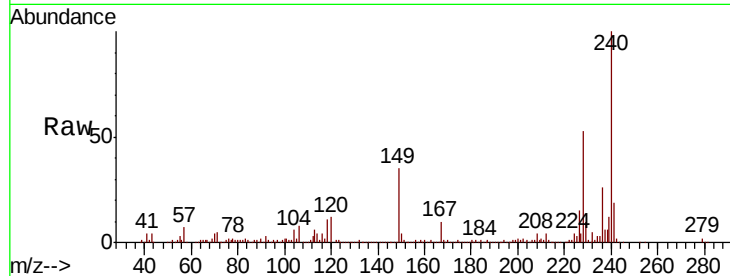
Tot Ion:240 Resp: 251193

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

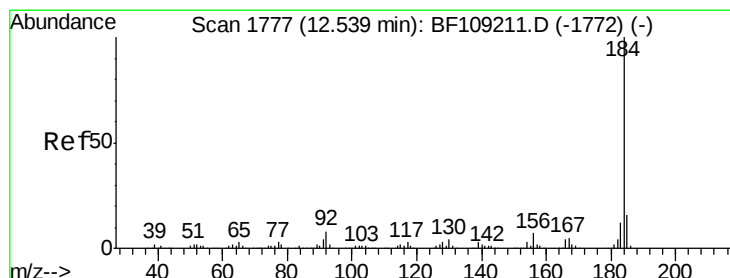
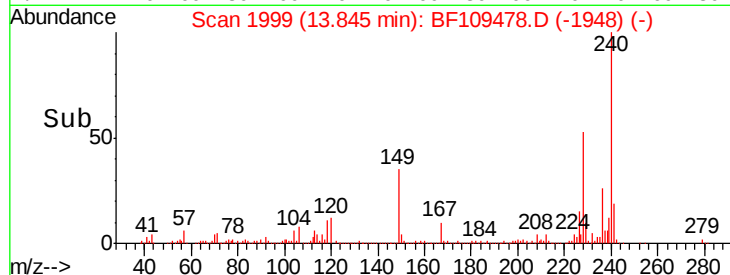
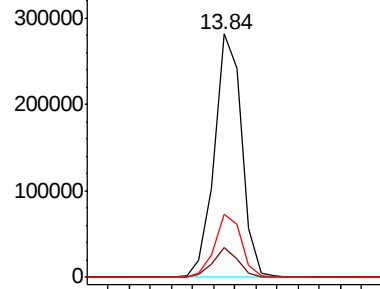
236 26.1 20.7 31.1



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: 41.214 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

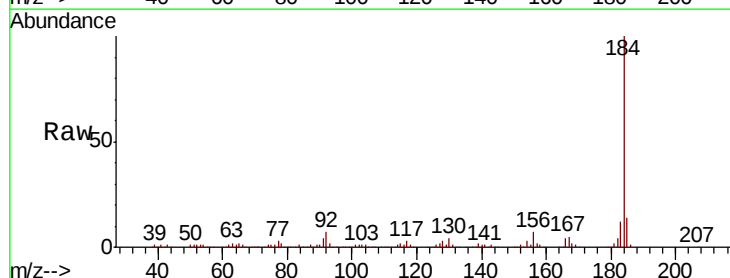
Tgt Ion:184 Resp: 373260

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

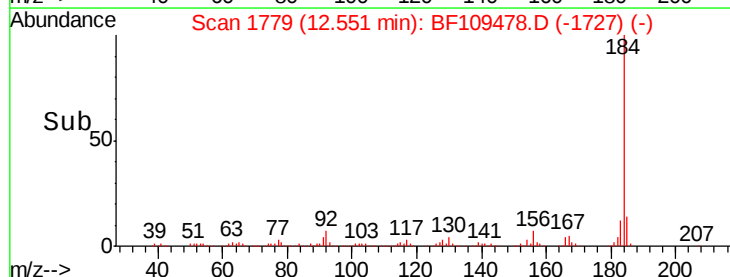
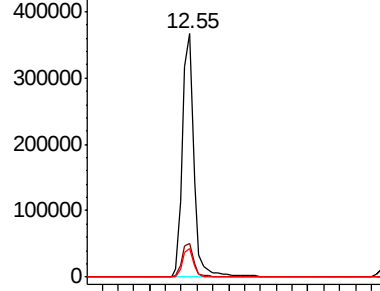
183 11.6 9.3 13.9

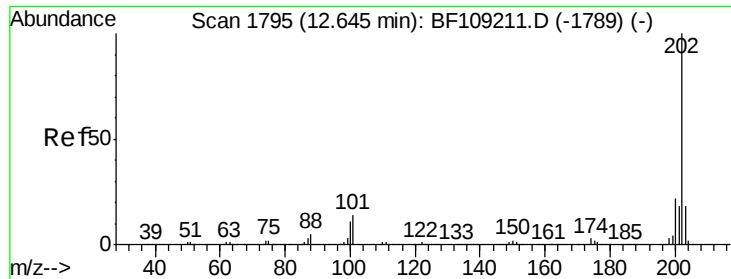


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

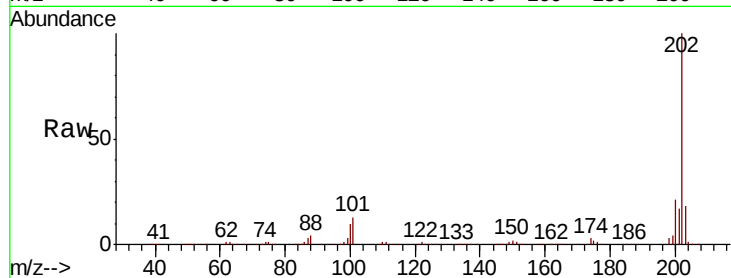




#77
Pvrene
Concen: 28.739 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.7	14.3	21.5

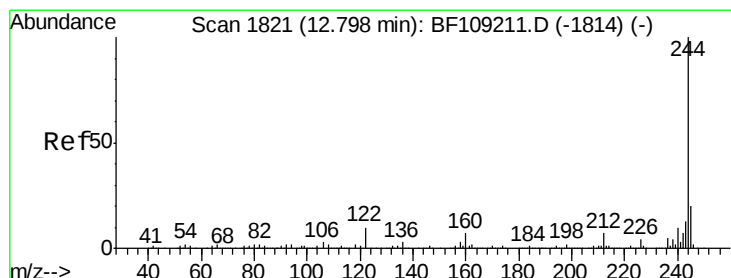
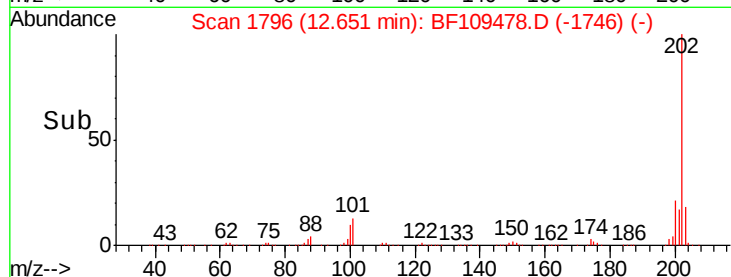
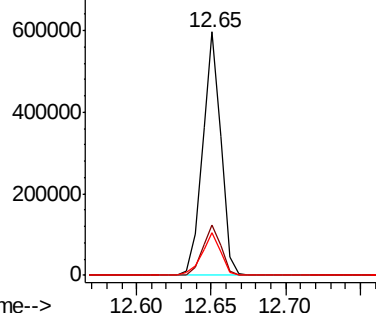


Abundance

Ion 202.00 (201.70 to 202.70): E

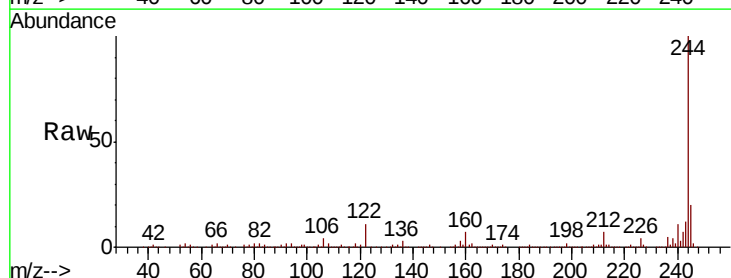
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 71.371 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.9	11.0	16.4

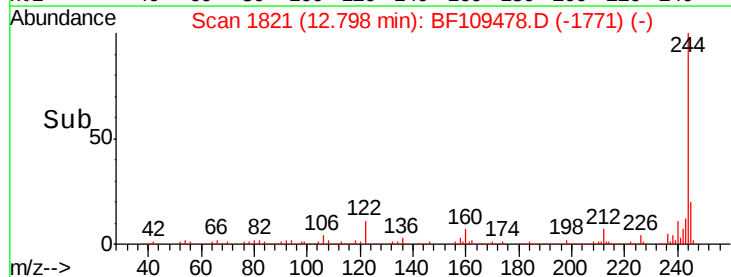
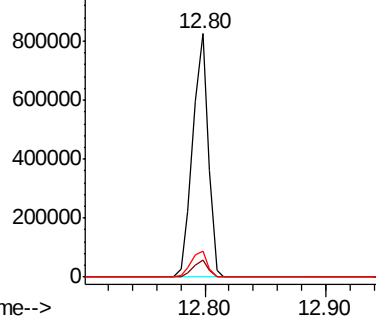


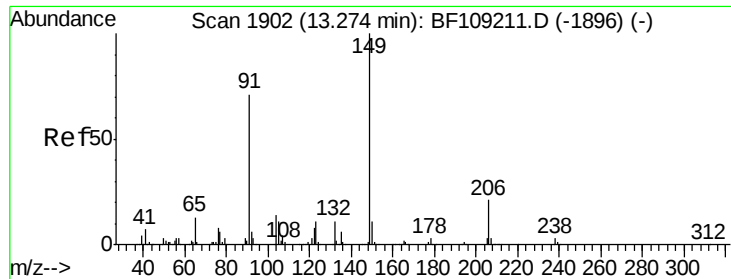
Abundance

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

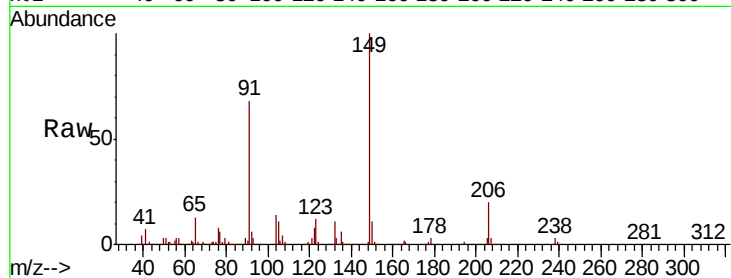




#79
Butylbenzylphthalate
Concen: 30.624 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	20.4	14.1	21.1

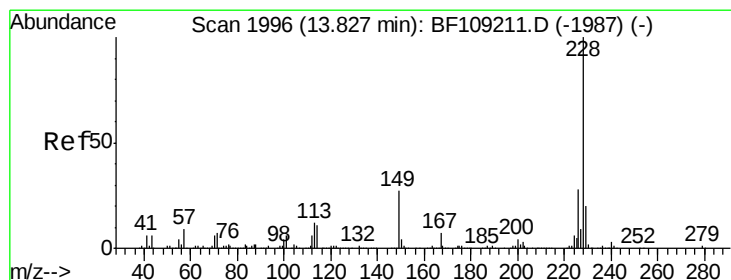
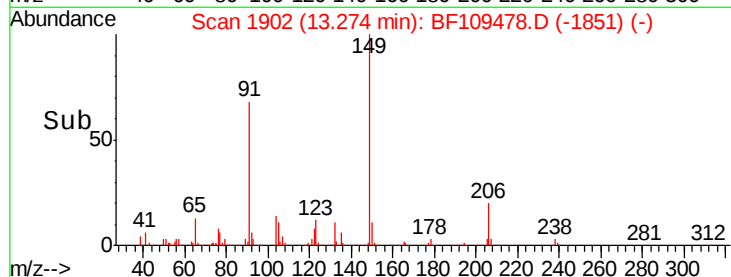
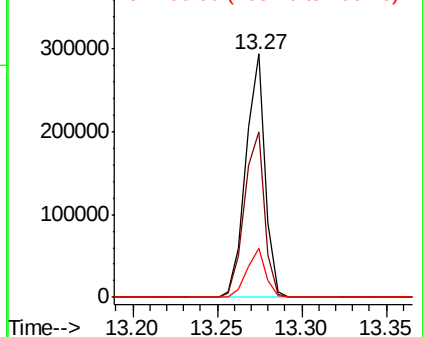


Abundance

Ion 149.00 (148.70 to 149.70): E

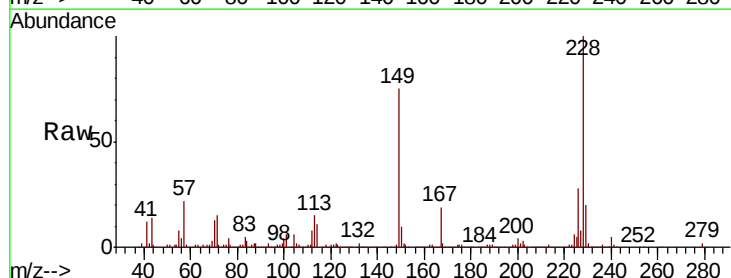
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80
Benzo(a)anthracene
Concen: 27.946 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.9	15.8	23.6

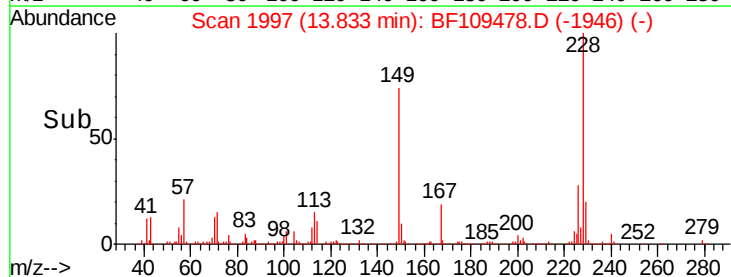
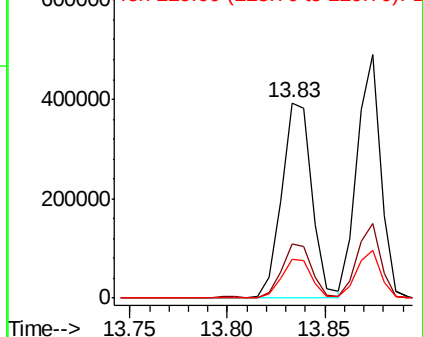


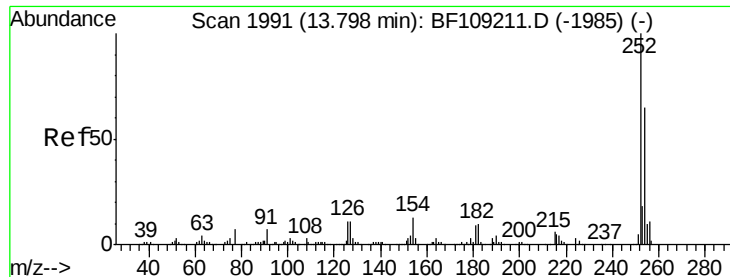
Abundance

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

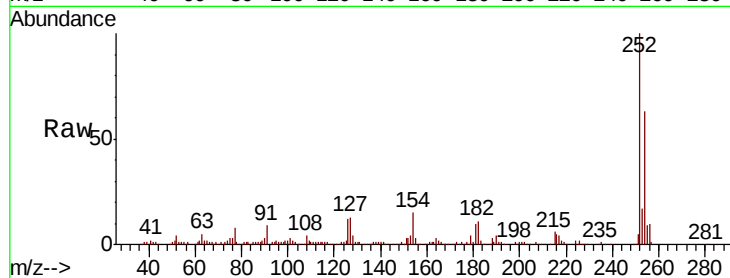




#81
 3,3'-Dichlorobenzidine
 Concen: 29.800 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	12.2	11.3	16.9

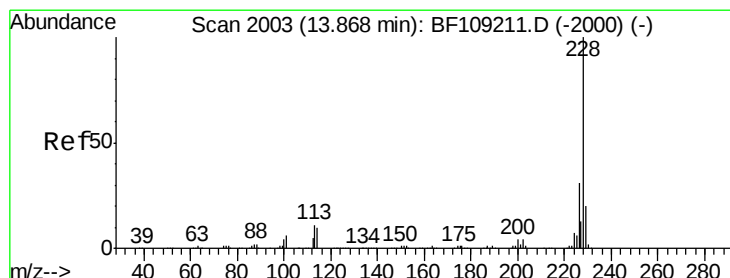
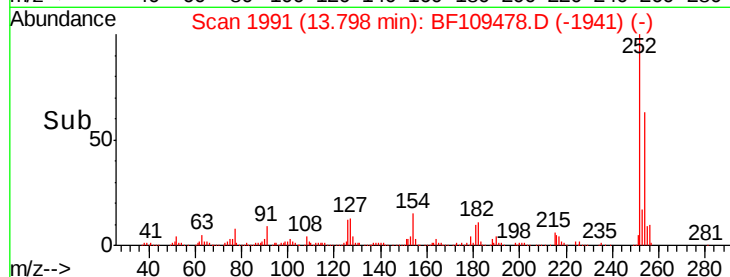
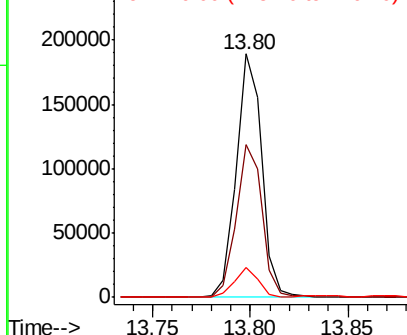


Abundance

Ion 252.00 (251.70 to 252.70): E

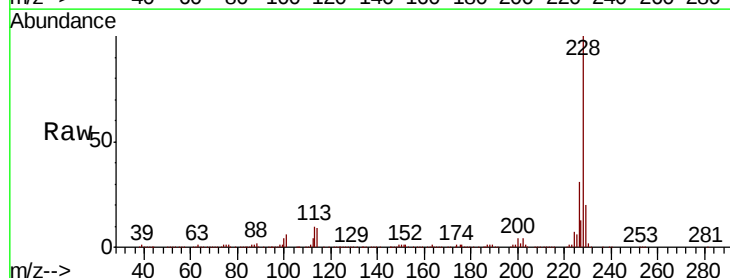
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 27.582 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4

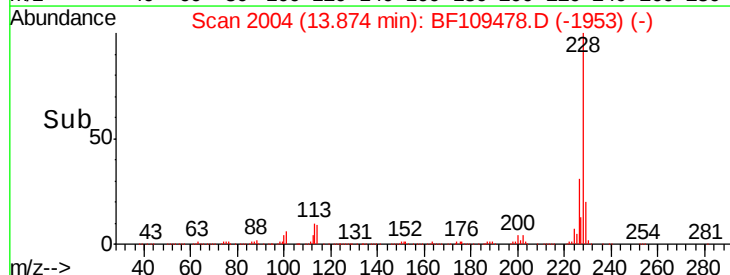
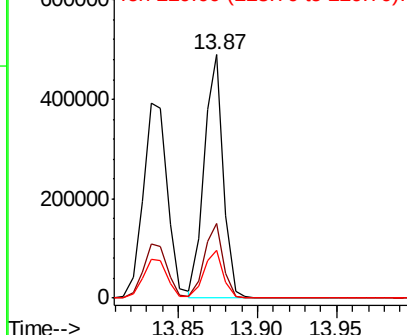


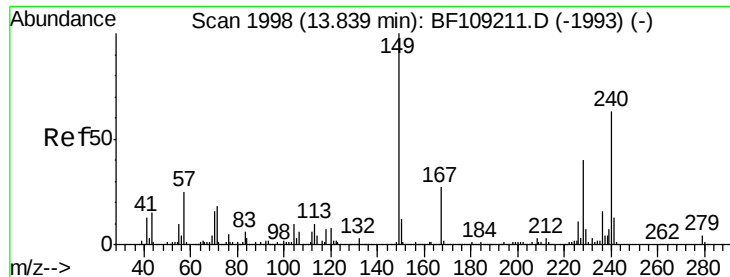
Abundance

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

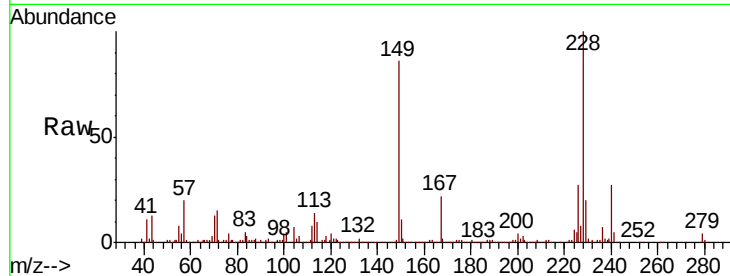




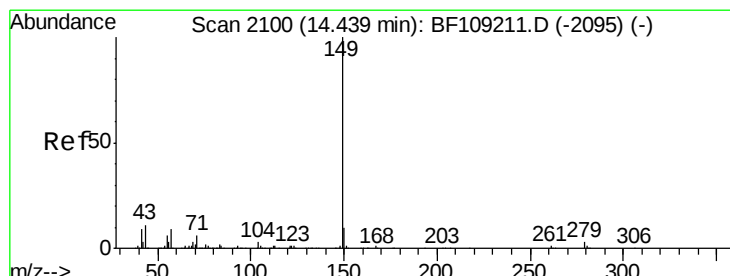
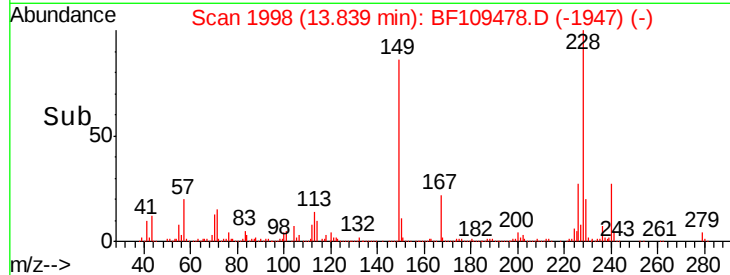
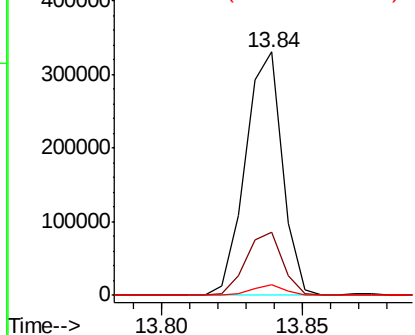
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.052 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	4.3	3.0	4.4

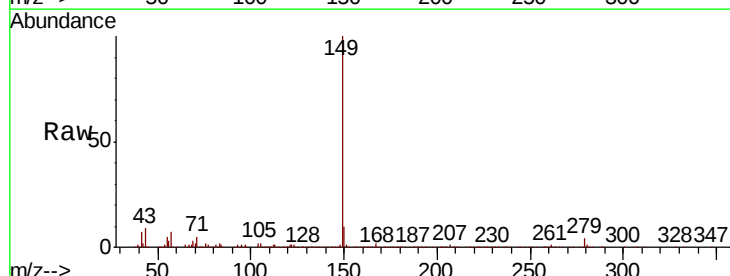


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

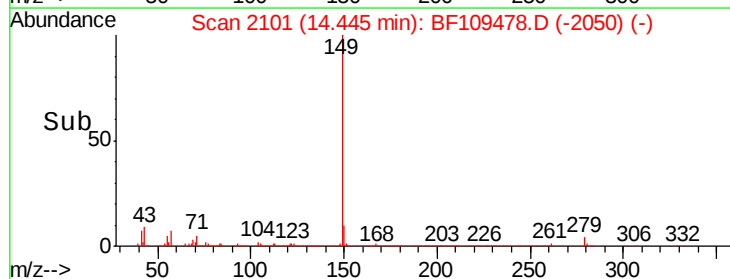
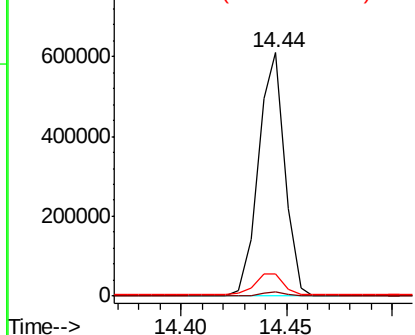


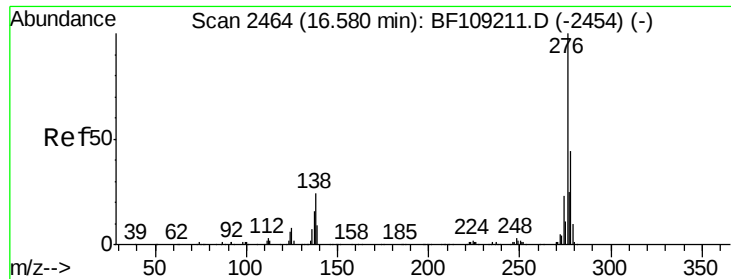
#84
 Di-n-octyl phthalate
 Concen: 32.118 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	9.3	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

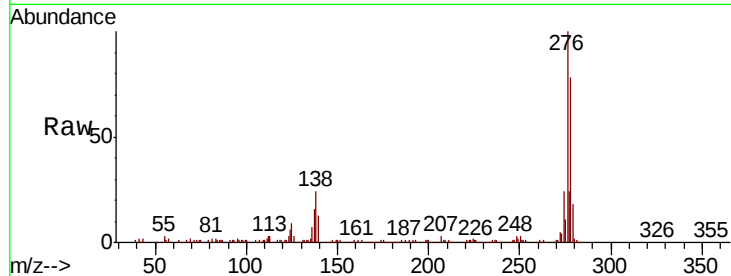




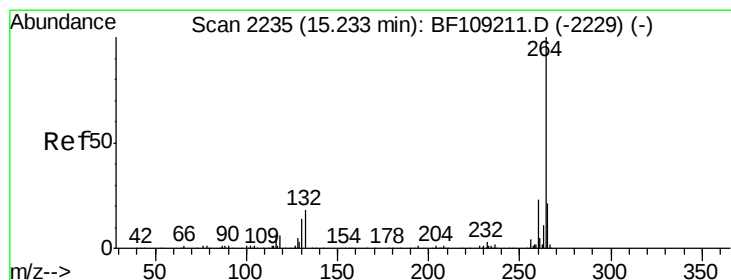
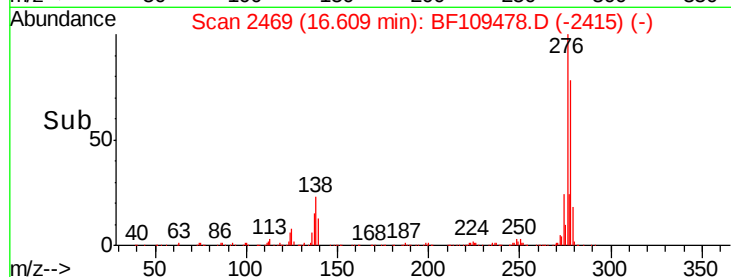
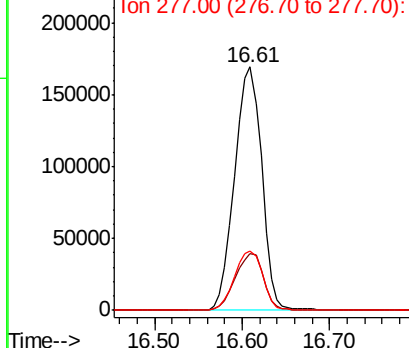
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.236 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. 0.02 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.0	37.6#
277	25.7	20.1	30.1

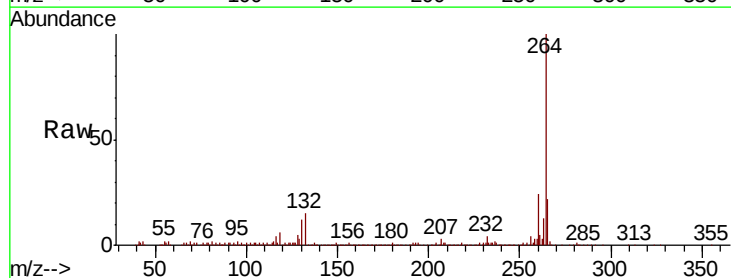


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

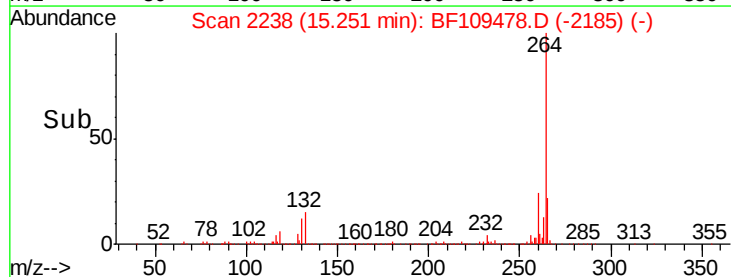
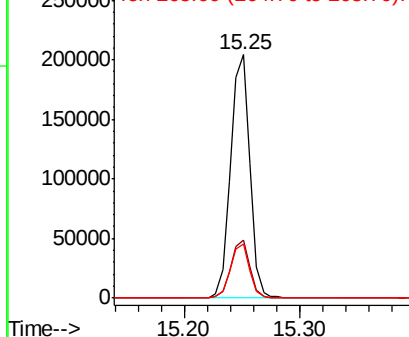


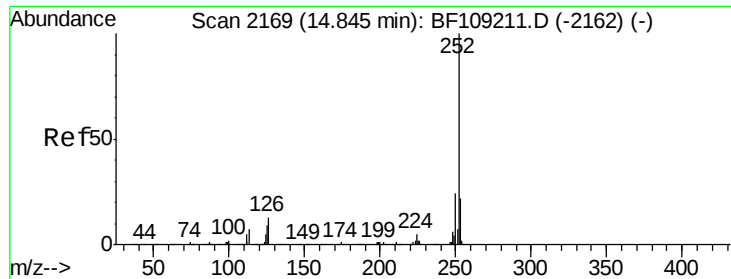
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF109478.D
 Acq: 1 Oct 2018 17:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.5	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

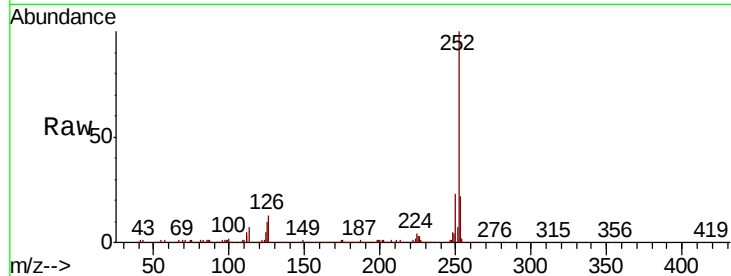




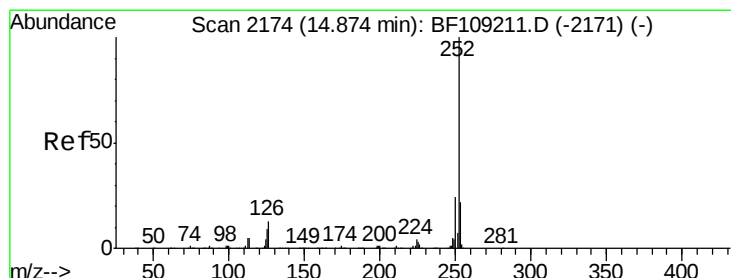
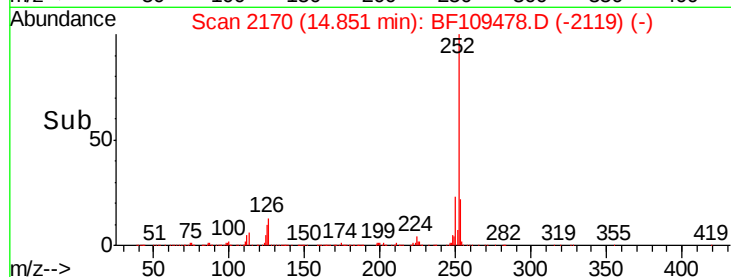
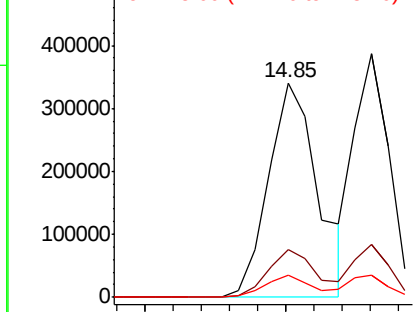
#87
Benzo(b)fluoranthene
Concen: 31.974 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

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

Tot Ion:252 Resp: 414322
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.2 9.0 13.6

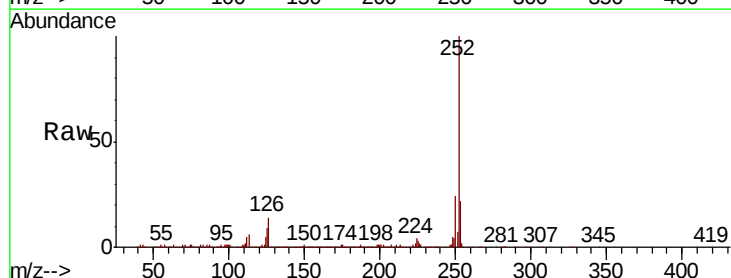


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

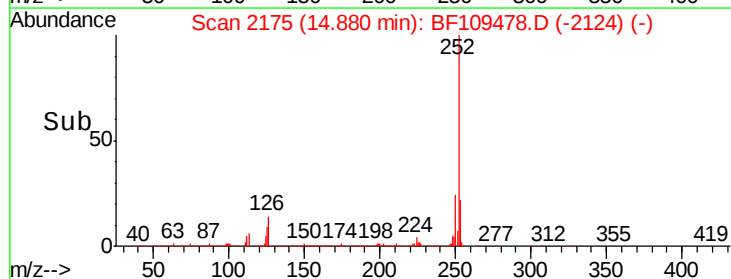
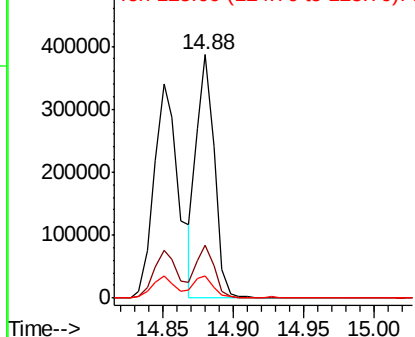


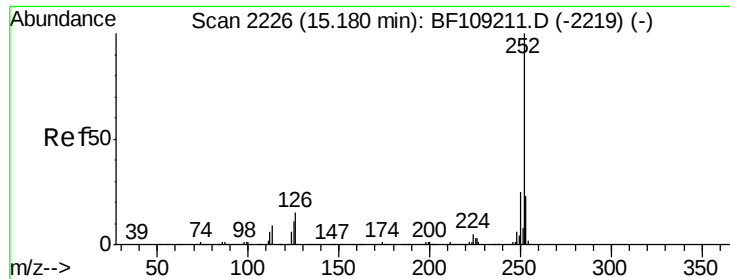
#88
Benzo(k)fluoranthene
Concen: 27.409 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109478.D
Acq: 1 Oct 2018 17:47

Tgt Ion:252 Resp: 337035
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.2 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: 30.033 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

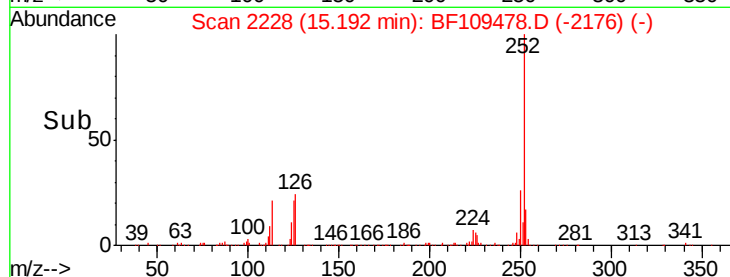
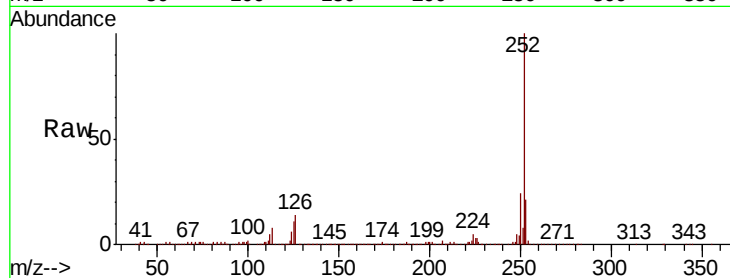
Tot Ion:252 Resp: 350676

Ion Ratio Lower Upper

252 100

253 20.8 17.1 25.7

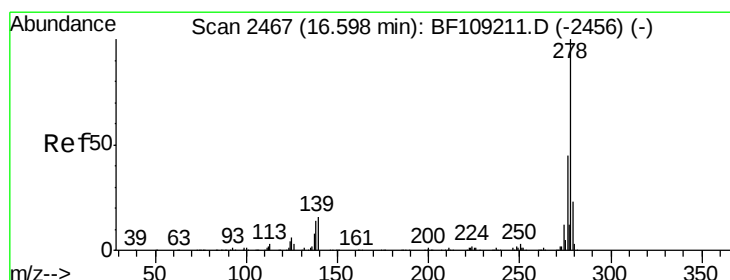
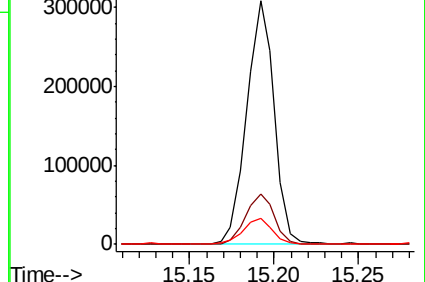
125 10.6 9.8 14.6



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: 31.087 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

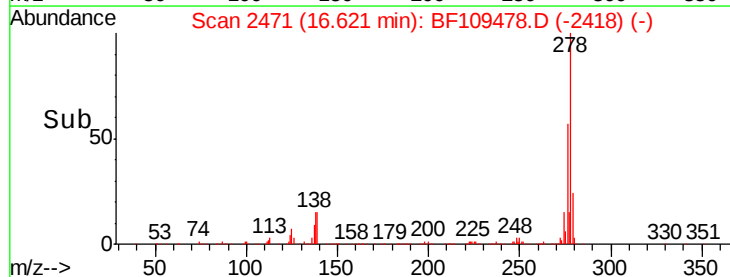
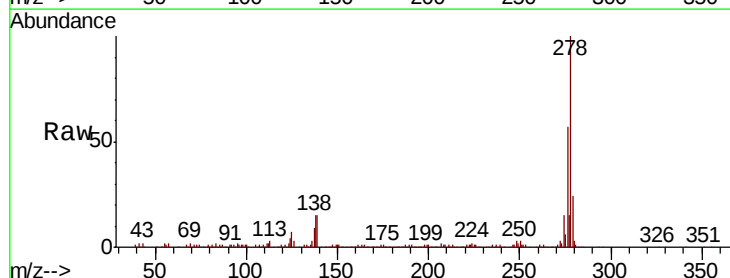
Tgt Ion:278 Resp: 297793

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

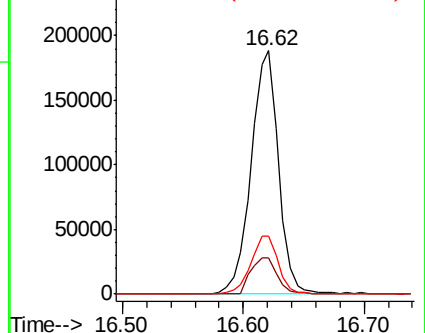
279 23.6 19.0 28.4

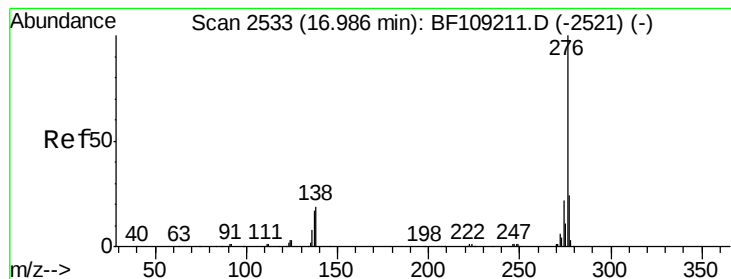


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.829 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF109478.D

Acq: 1 Oct 2018 17:47

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-042MS

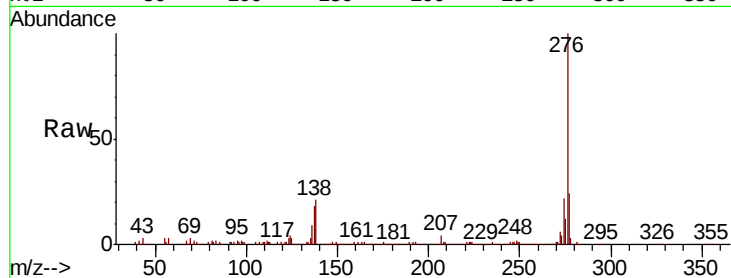
Tot Ion:276 Resp: 290246

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 20.6 21.8 32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

