

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107414.D
 Acq On : 16 Jul 2018 20:39
 Operator : JU/SJ
 Sample : J3976-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

Quant Time: Jul 17 00:58:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	151765	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	578719	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	301275	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	550588	20.00	ng	0.00
75) Chrysene-d12	14.16	240	402307	20.00	ng	0.00
86) Perylene-d12	15.69	264	440867	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	808375	80.90	ng	0.00
7) Phenol-d6	6.60	99	1065684	82.49	ng	0.00
23) Nitrobenzene-d5	7.54	82	751506	69.25	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	207984	78.57	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1148279	60.41	ng	0.00
78) Terphenyl-d14	13.09	244	996730	61.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	116867	23.689	ng	92
3) Pyridine	3.65	79	318776	23.957	ng	93
4) n-Nitrosodimethylamine	3.61	42	170398	31.186	ng	84
6) Aniline	6.64	93	320348	18.757	ng	# 83
8) 2-Chlorophenol	6.77	128	298012	29.489	ng	94
9) Benzaldehyde	6.53	77	215707	20.755	ng	92
10) Phenol	6.61	94	408673	29.505	ng	79
11) bis(2-Chloroethyl)ether	6.71	93	306561	27.121	ng	95
12) 1,3-Dichlorobenzene	6.92	146	333735	27.201	ng	# 86
13) 1,4-Dichlorobenzene	7.00	146	335157	27.557	ng	# 92
14) 1,2-Dichlorobenzene	7.00	146	335157	29.452	ng	94
15) Benzyl Alcohol	7.11	79	358798	27.653	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	329097	27.284	ng	81
17) 2-Methylphenol	7.22	107	290134	30.196	ng	# 85
18) Hexachloroethane	7.50	117	127604	28.198	ng	# 83
19) n-Nitroso-di-n-propylamine	7.38	70	268929	29.072	ng	# 97
20) 3+4-Methylphenols	7.37	107	361421	29.611	ng	86
22) Acetophenone	7.38	105	474160	29.820	ng	# 91
24) Nitrobenzene	7.56	77	380294	31.181	ng	91
25) Isophorone	7.80	82	701420	32.607	ng	# 92
26) 2-Nitrophenol	7.88	139	150491	36.298	ng	# 84
27) 2,4-Dimethylphenol	7.90	122	276044	31.929	ng	# 82
28) bis(2-Chloroethoxy)methane	8.00	93	416223	30.895	ng	98
29) 2,4-Dichlorophenol	8.11	162	271388	30.165	ng	93
30) 1,2,4-Trichlorobenzene	8.20	180	299847	27.523	ng	99
31) Naphthalene	8.28	128	842510	29.971	ng	97
32) Benzoic acid	7.99	122	126287	23.801	ng	# 76
33) 4-Chloroaniline	8.32	127	162582	13.355	ng	# 83
34) Hexachlorobutadiene	8.40	225	209281	28.708	ng	96
35) Caprolactam	8.68	113	86998	29.727	ng	# 84
36) 4-Chloro-3-methylphenol	8.80	107	348286	29.627	ng	# 83
37) 2-Methylnaphthalene	8.98	142	571385	30.837	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	344244	29.363	ng	98
40) Hexachlorocyclopentadiene	9.12	237	343176	56.044	ng	96

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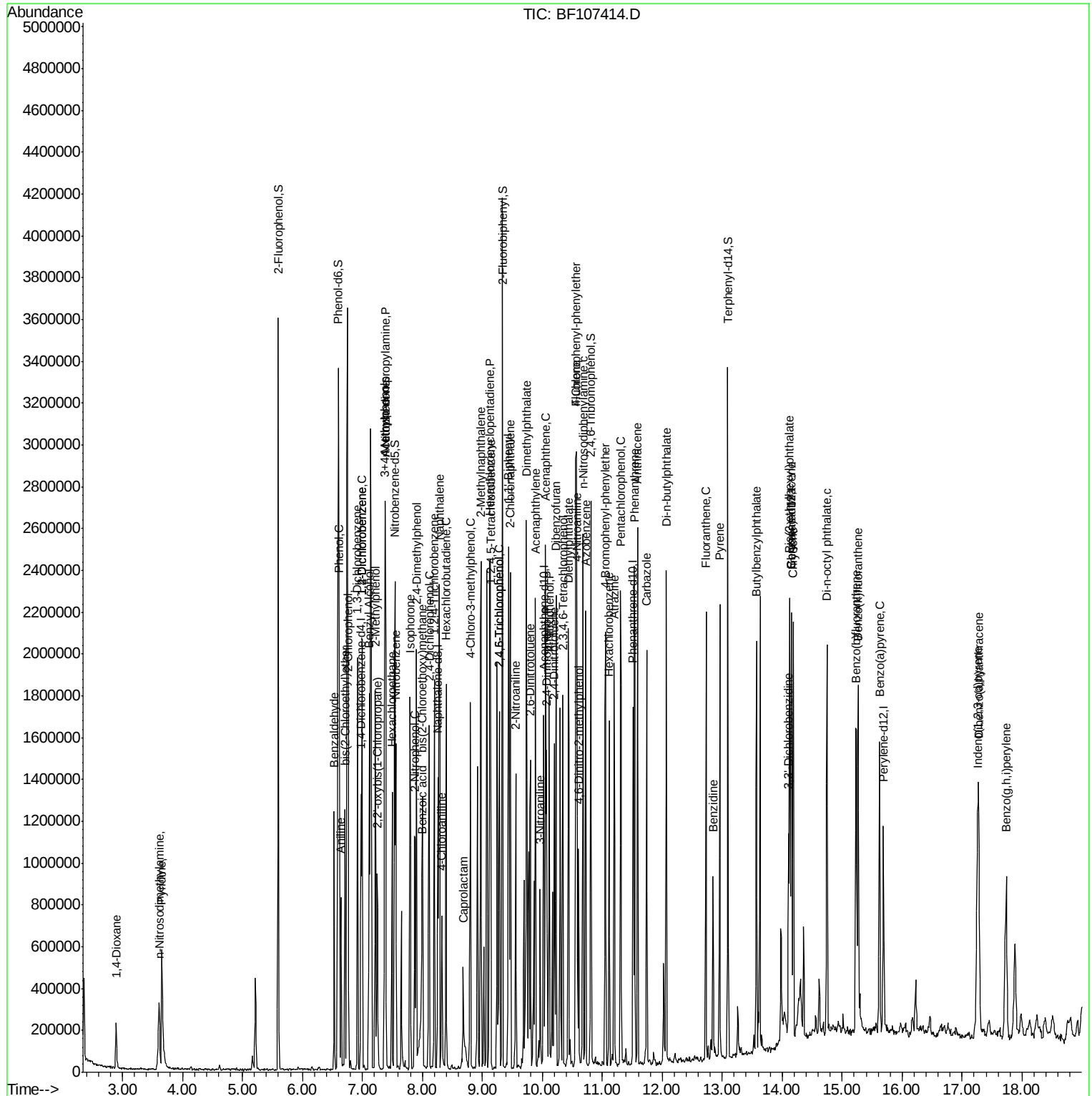
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	218222	29.818	ng	94
43) 2,4,5-Trichlorophenol	9.28	196	218222	31.170	ng	91
45) 1,1'-Biphenyl	9.44	154	729845	28.019	ng	96
46) 2-Chloronaphthalene	9.47	162	588100	28.586	ng	96
47) 2-Nitroaniline	9.56	65	203798	32.370	ng #	78
48) Acenaphthylene	9.88	152	873381	30.420	ng	95
49) Dimethylphthalate	9.74	163	933672	39.005	ng	99
50) 2,6-Dinitrotoluene	9.80	165	146214	32.010	ng #	79
51) Acenaphthene	10.05	154	623767	32.773	ng	98
52) 3-Nitroaniline	9.97	138	101038	21.059	ng	83
53) 2,4-Dinitrophenol	10.07	184	130140	65.286	ng #	28
54) Dibenzofuran	10.23	168	824649	28.038	ng	97
55) 4-Nitrophenol	10.12	139	198647	51.167	ng #	52
56) 2,4-Dinitrotoluene	10.20	165	202048	33.936	ng #	75
57) Fluorene	10.57	166	575198	29.528	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	192468	28.380	ng #	89
59) Diethylphthalate	10.44	149	691650	29.741	ng	95
60) 4-Chlorophenyl-phenylether	10.56	204	329802	28.424	ng	95
61) 4-Nitroaniline	10.58	138	117383	25.708	ng #	43
62) Azobenzene	10.72	77	756355	27.696	ng	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	106269	37.886	ng	85
65) n-Nitrosodiphenylamine	10.68	169	542289	31.185	ng	95
66) 4-Bromophenyl-phenylether	11.05	248	193421	30.705	ng	95
67) Hexachlorobenzene	11.12	284	176400	30.252	ng	90
68) Atrazine	11.20	200	209953	31.950	ng	97
69) Pentachlorophenol	11.31	266	206723	47.974	ng	95
70) Phenanthrene	11.54	178	826348	30.116	ng	98
71) Anthracene	11.59	178	861258	31.514	ng	98
72) Carbazole	11.74	167	681025	26.321	ng	97
73) Di-n-butylphthalate	12.07	149	953560	32.069	ng #	96
74) Fluoranthene	12.73	202	834973	26.773	ng	92
76) Benzidine	12.85	184	267884	17.157	ng	96
77) Pyrene	12.96	202	796349	29.109	ng	98
79) Butylbenzylphthalate	13.57	149	332038	33.320	ng #	85
80) Benzo(a)anthracene	14.15	228	750130	30.474	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	163923	19.856	ng #	96
82) Chrysene	14.18	228	717314	30.506	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	484147	33.904	ng #	91
84) Di-n-octyl phthalate	14.75	149	822293	37.043	ng #	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	782354	46.743	ng #	89
87) Benzo(b)fluoranthene	15.23	252	753061	29.183	ng #	97
88) Benzo(k)fluoranthene	15.27	252	710319	28.206	ng #	94
89) Benzo(a)pyrene	15.62	252	717445	30.292	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	614686	34.388	ng #	95
91) Benzo(g,h,i)perylene	17.74	276	641669	35.328	ng #	88

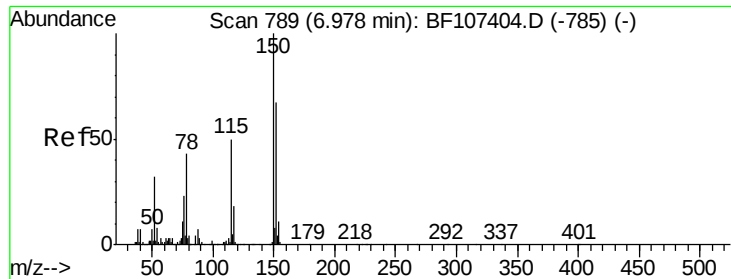
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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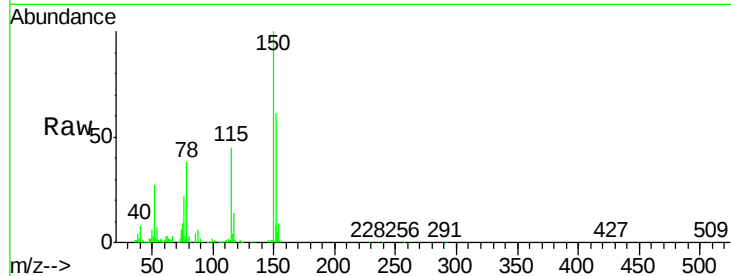


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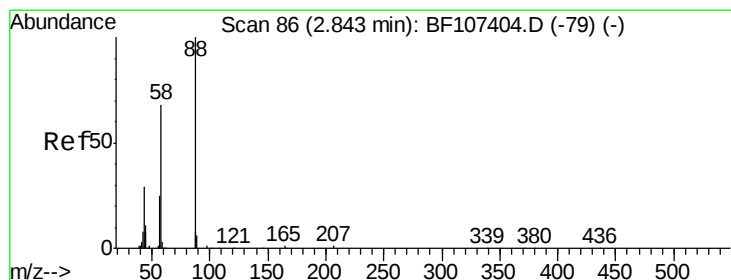
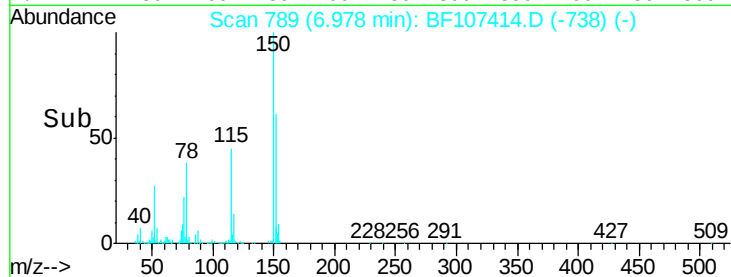
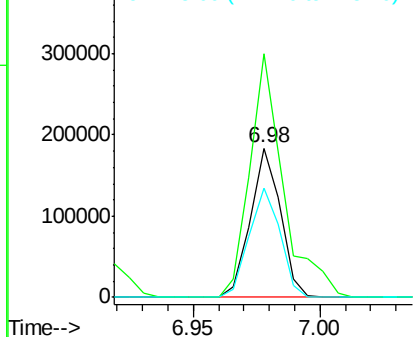
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

Tgt Ion:152 Resp: 151765
Ion Ratio Lower Upper
152 100
150 163.3 124.6 186.8
115 73.4 50.1 75.1



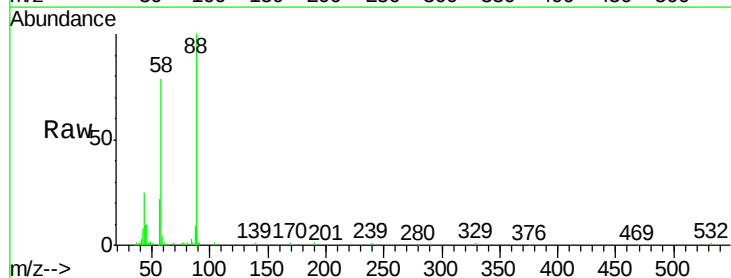
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



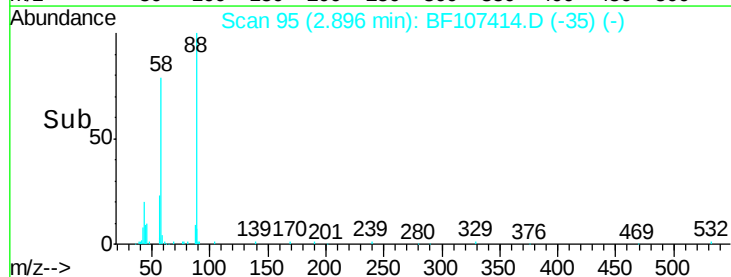
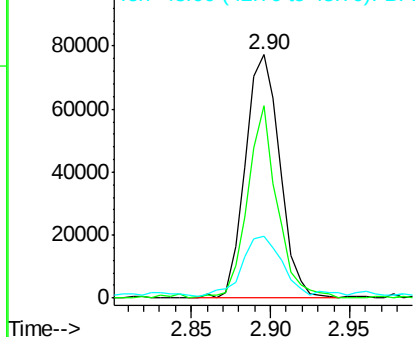
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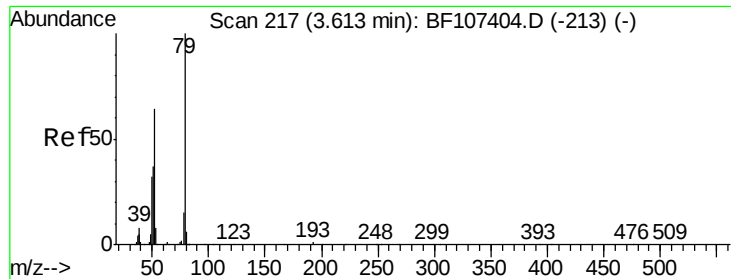
1,4-Dioxane
Concen: 23.689 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.05 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion: 88 Resp: 116867
Ion Ratio Lower Upper
88 100
58 68.6 62.6 93.8
43 29.6 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

Pyridine

Concen: 23.957 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.04 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

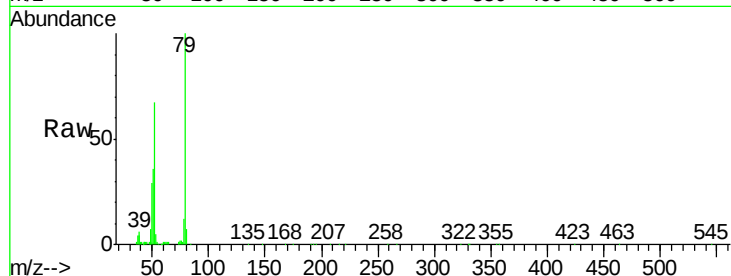
Tgt Ion: 79 Resp: 318776

Ion Ratio Lower Upper

79 100

52 66.7 59.8 89.6

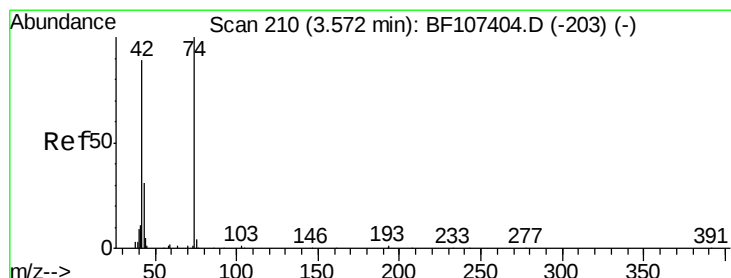
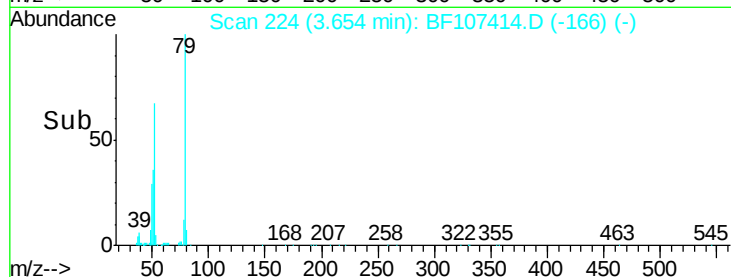
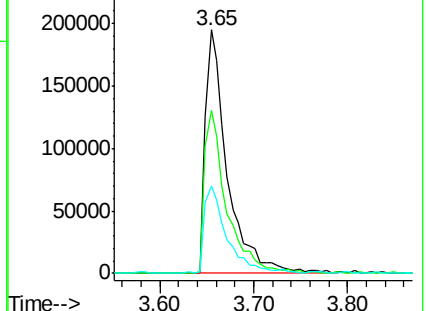
51 36.0 29.8 44.8



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: 31.186 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.04 min

Lab File: BF107414.D

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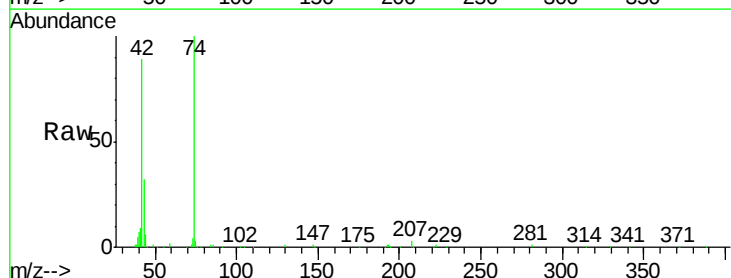
Tgt Ion: 42 Resp: 170398

Ion Ratio Lower Upper

42 100

74 112.0 104.9 157.3

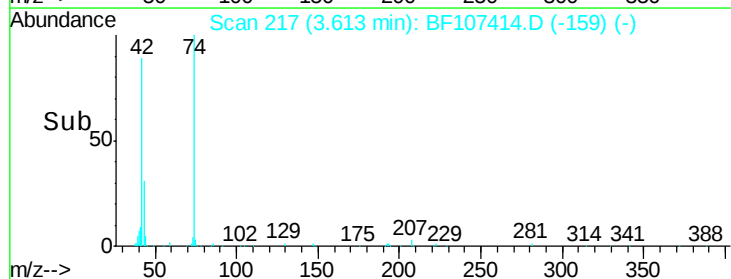
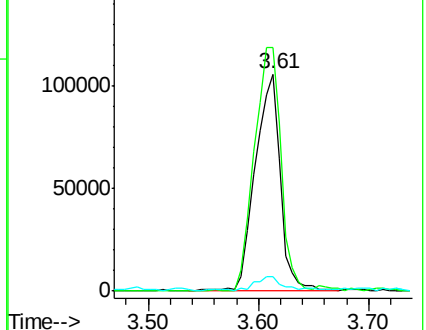
44 7.2 6.9 10.3

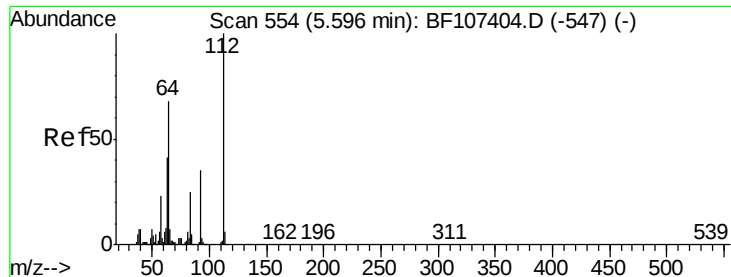


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.896 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

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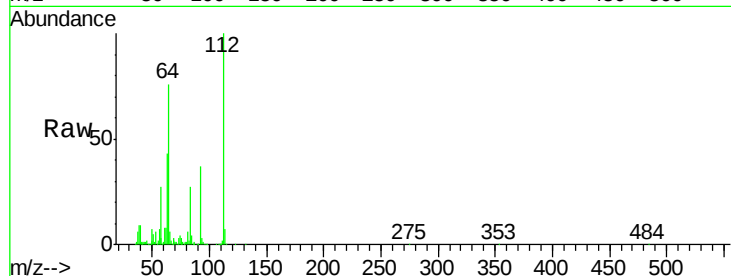
Tgt Ion: 112 Resp: 808375

Ion Ratio Lower Upper

112 100

64 75.6 47.9 71.9#

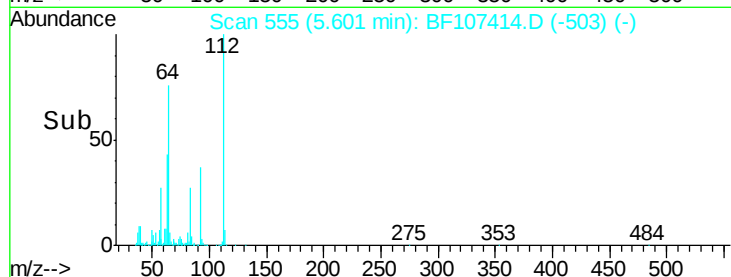
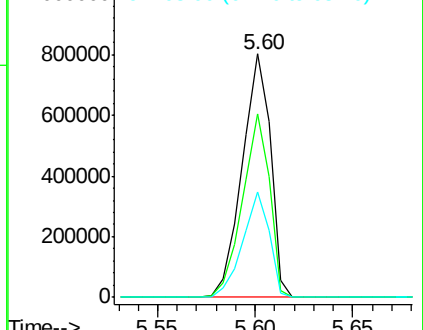
63 43.2 23.7 35.5#



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: 18.757 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

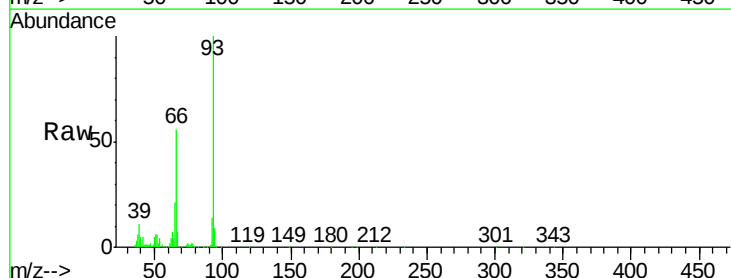
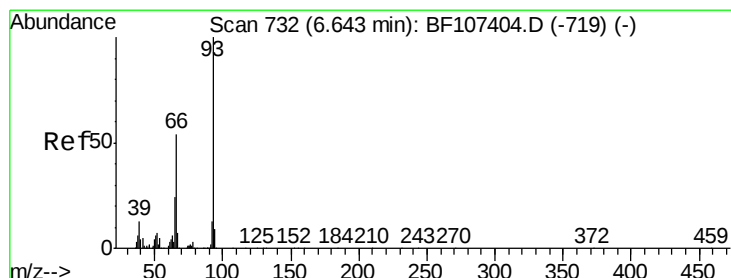
Tgt Ion: 93 Resp: 320348

Ion Ratio Lower Upper

93 100

66 55.8 32.2 48.2#

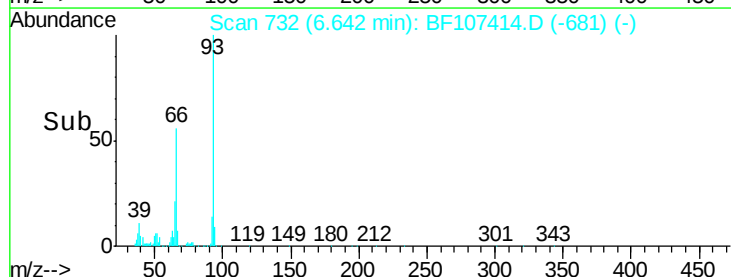
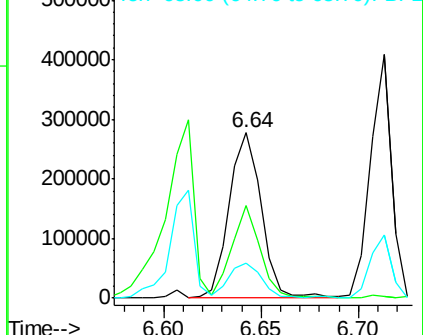
65 21.1 16.4 24.6

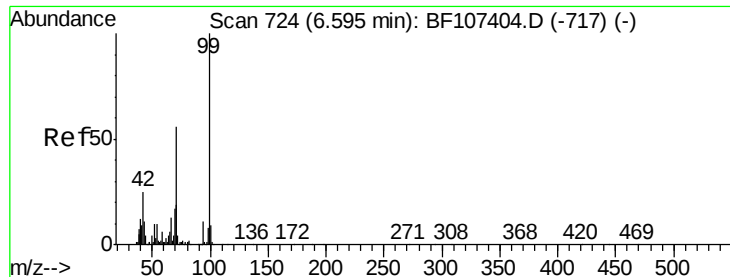


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.486 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

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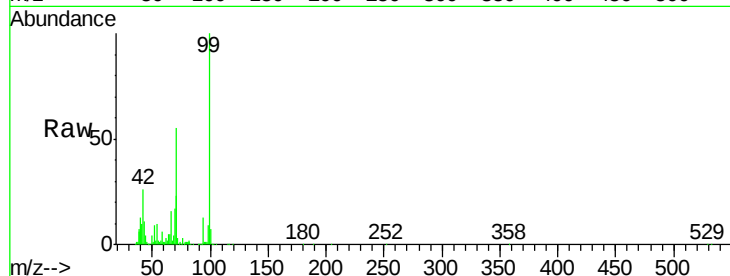
Tgt Ion: 99 Resp: 1065684

Ion Ratio Lower Upper

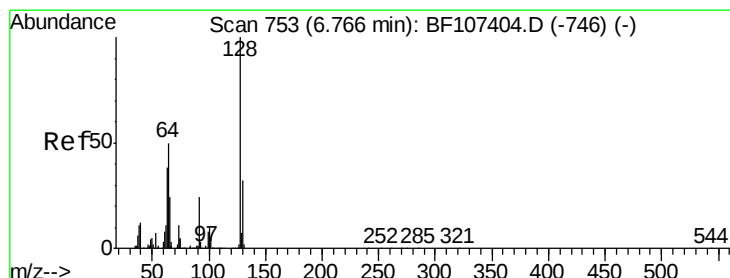
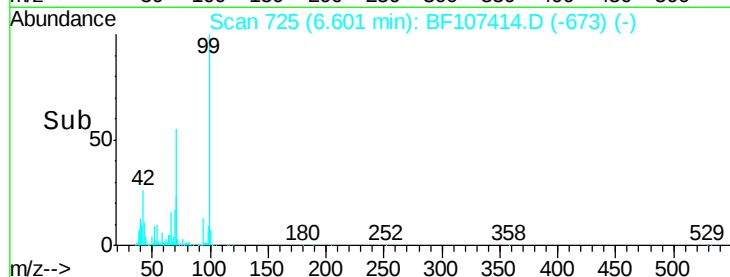
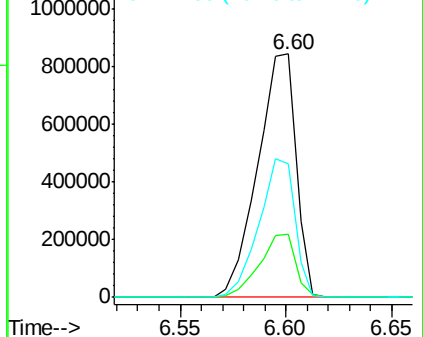
99 100

42 25.7 14.5 21.7#

71 55.0 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: 29.489 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

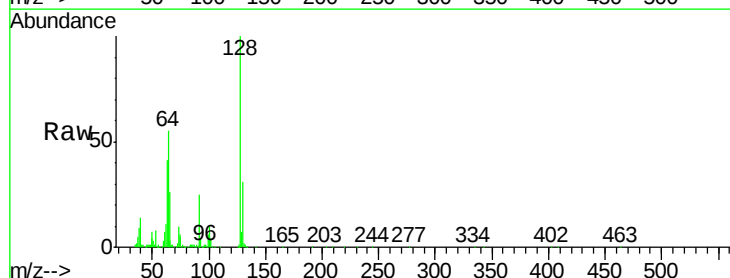
Tgt Ion: 128 Resp: 298012

Ion Ratio Lower Upper

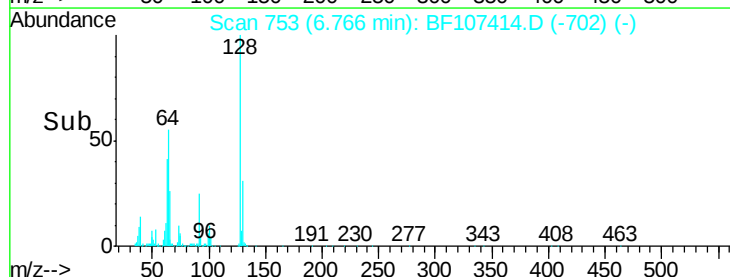
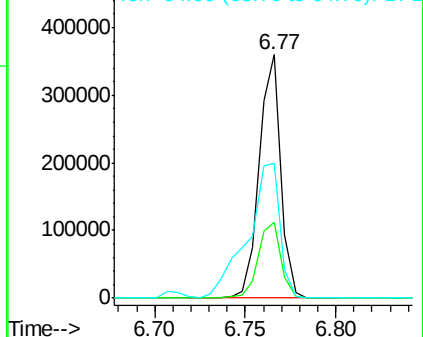
128 100

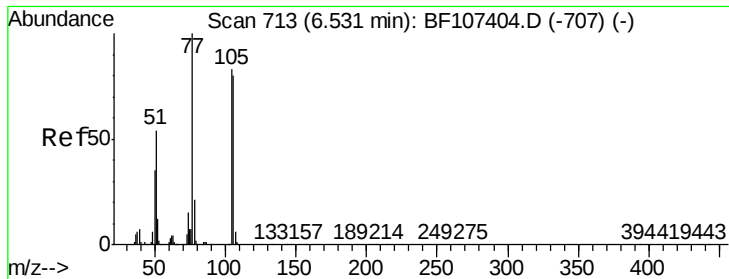
130 31.0 13.0 53.0

64 55.2 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: 20.755 ng

RT: 6.53 min Scan# 713

Delta R.T. -0.00 min

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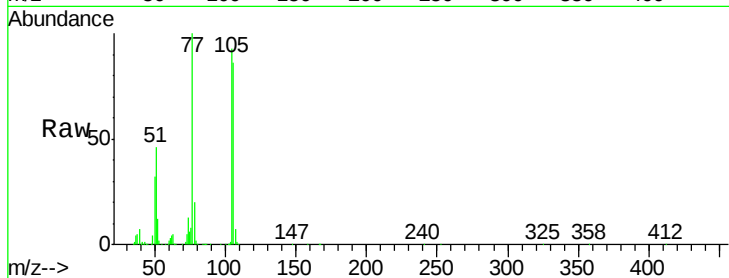
Tgt Ion: 77 Resp: 215707

Ion Ratio Lower Upper

77 100

105 92.6 81.1 121.1

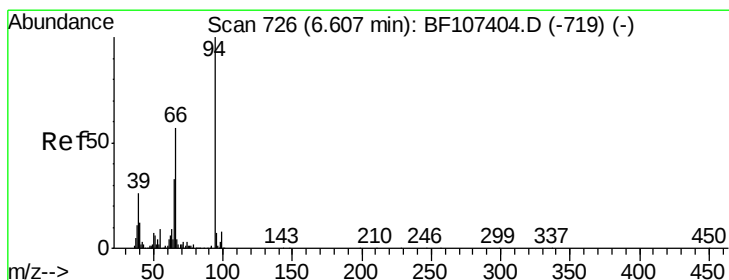
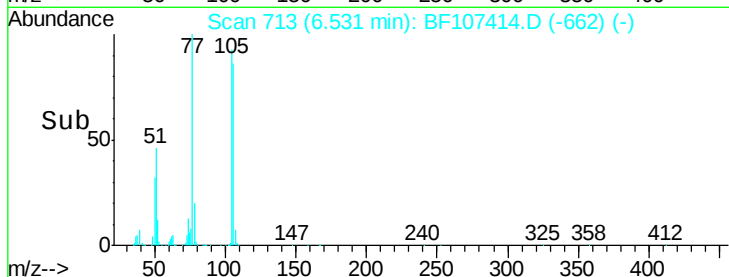
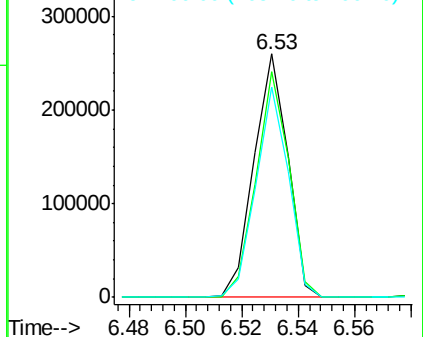
106 86.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.505 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

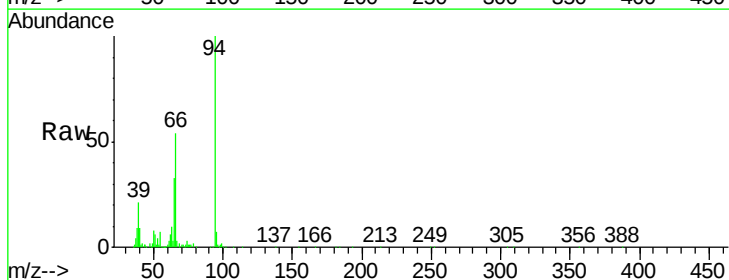
Tgt Ion: 94 Resp: 408673

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

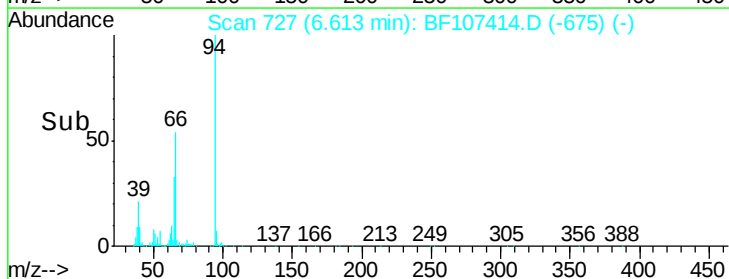
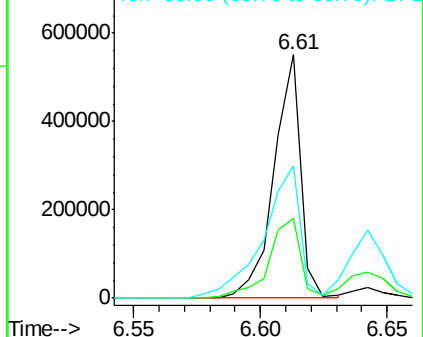
66 54.4 16.2 56.2

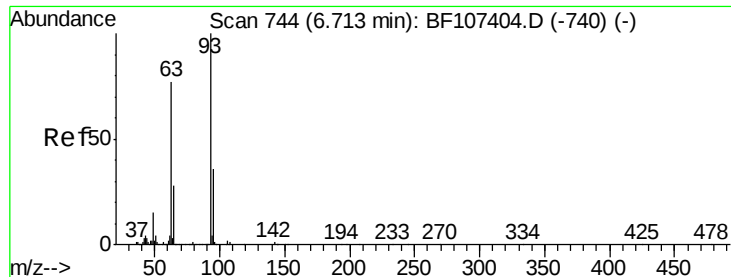


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

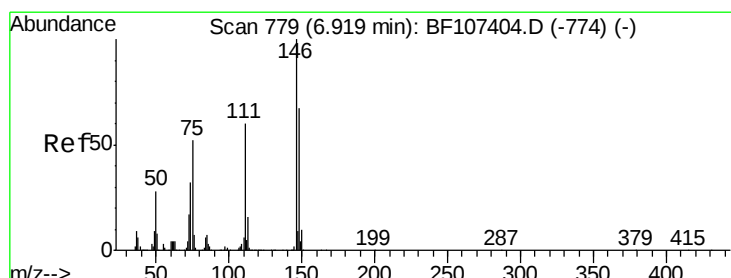
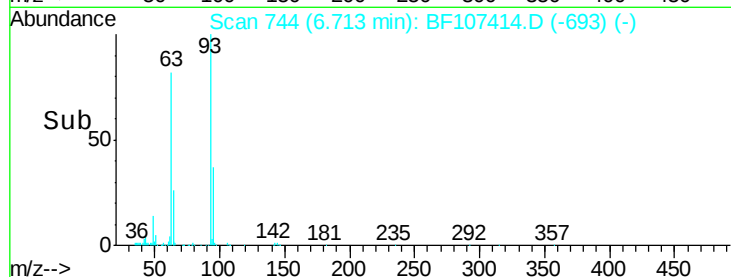
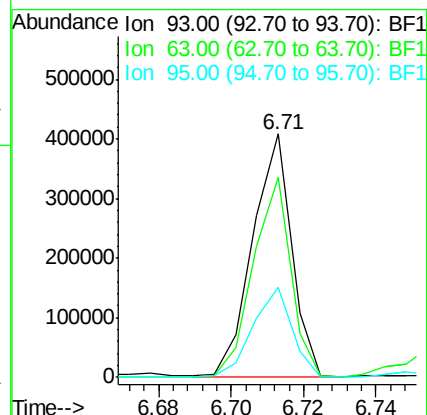
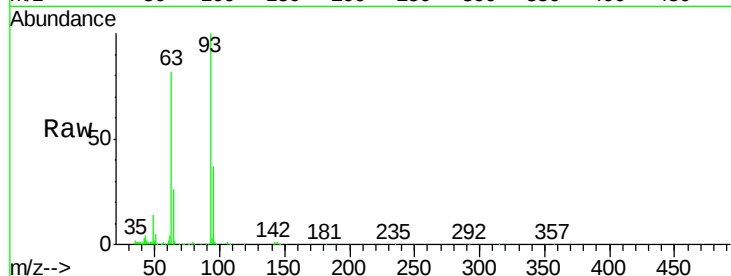




#11
bis(2-Chloroethyl)ether
Concen: 27.121 ng
RT: 6.71 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

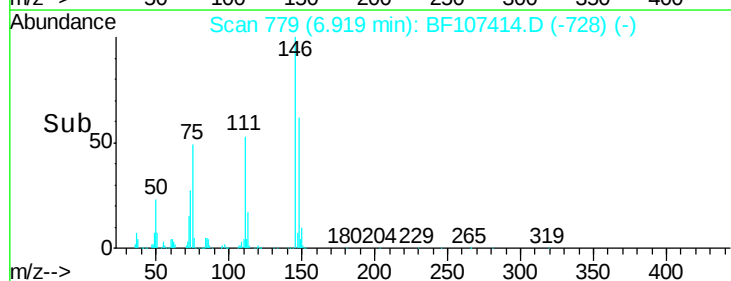
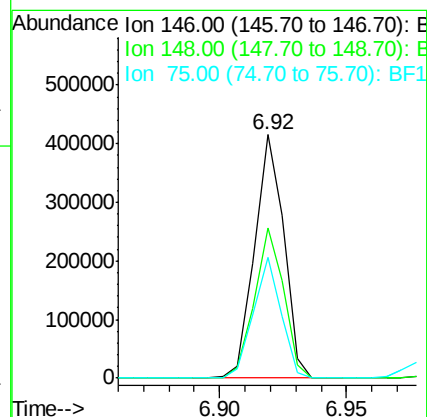
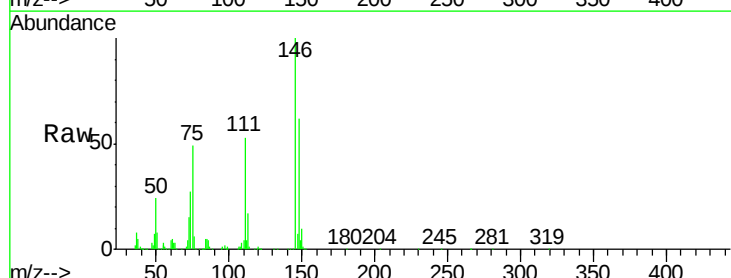
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

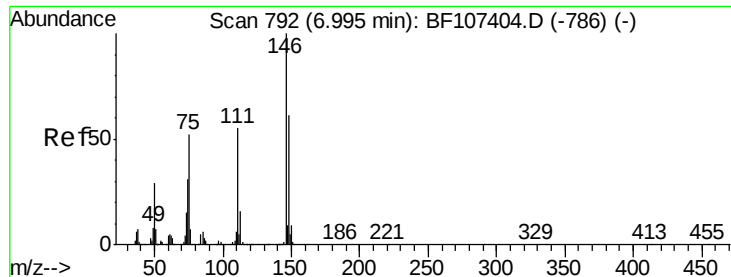
Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.0	58.6	98.6
95	36.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 27.201 ng
RT: 6.92 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.8	77.8
75	49.4	24.2	36.4

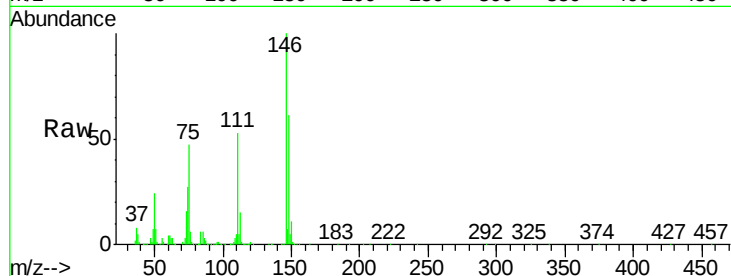




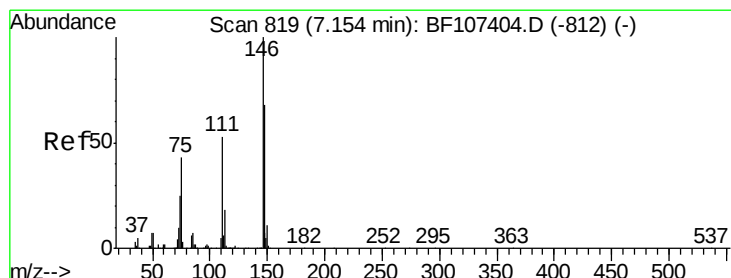
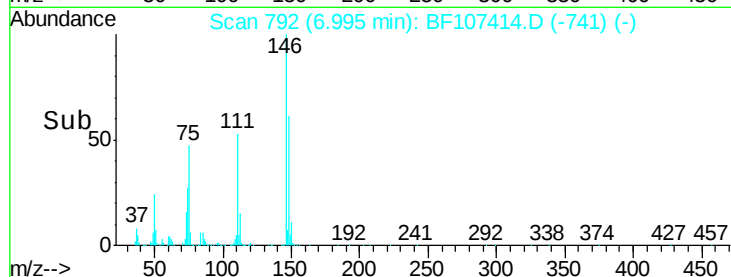
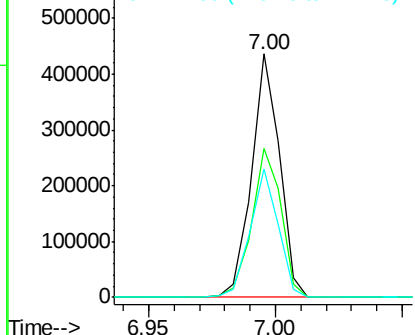
#13
 1,4-Dichlorobenzene
 Concen: 27.557 ng
 RT: 7.00 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

Tgt Ion:146 Resp: 335157
 Ion Ratio Lower Upper
 146 100
 148 61.2 50.8 76.2
 111 52.8 34.2 51.2#

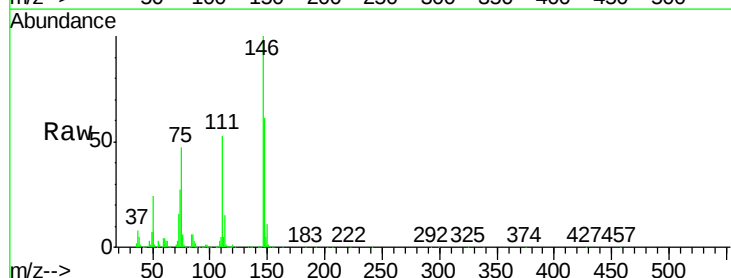


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

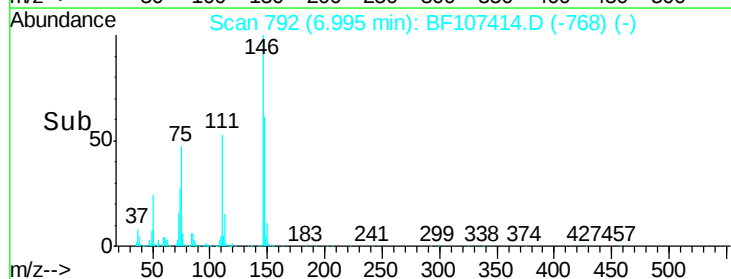
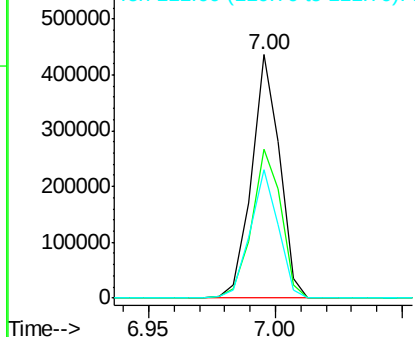


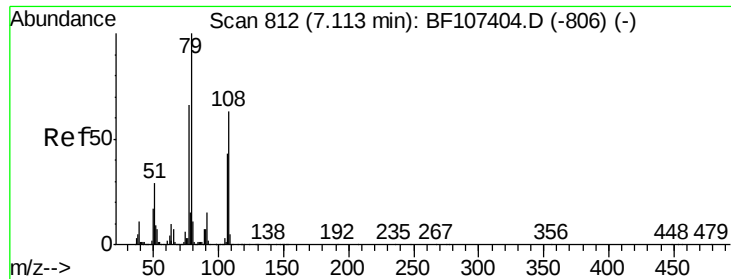
#14
 1,2-Dichlorobenzene
 Concen: 29.452 ng
 RT: 7.00 min Scan# 792
 Delta R.T. -0.16 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Tgt Ion:146 Resp: 335157
 Ion Ratio Lower Upper
 146 100
 148 61.2 50.6 75.8
 111 52.8 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: 27.653 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

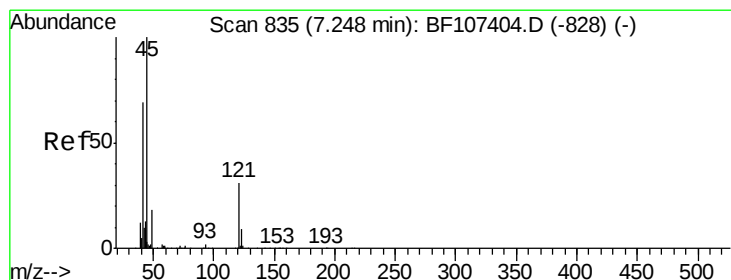
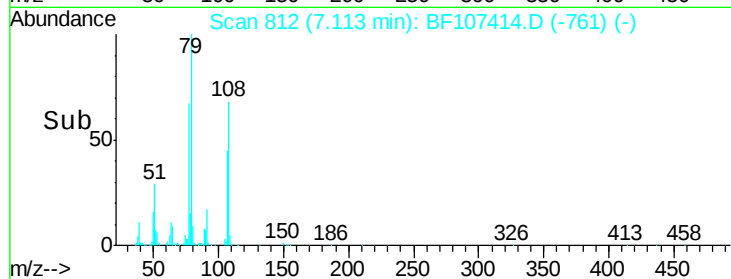
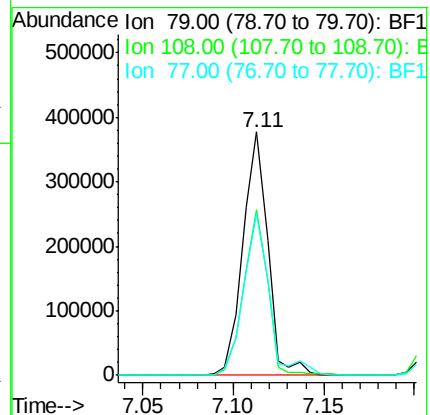
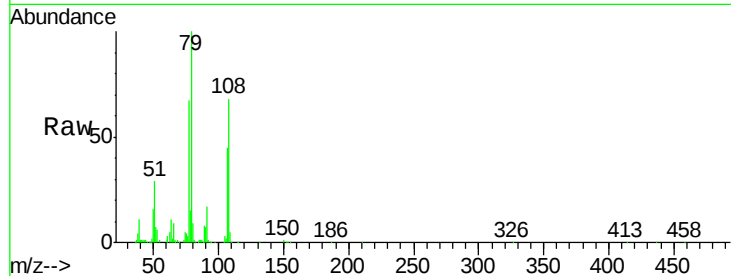
Tgt Ion: 79 Resp: 358798

Ion Ratio Lower Upper

79 100

108 67.8 65.1 97.7

77 66.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.284 ng

RT: 7.25 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

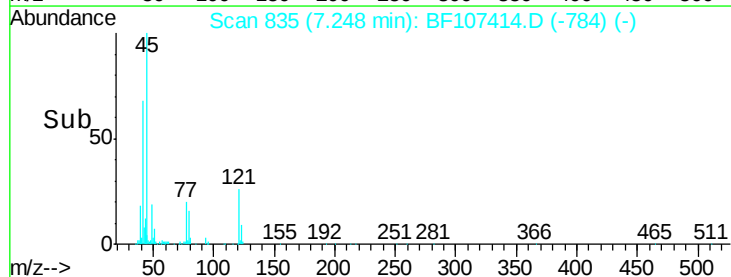
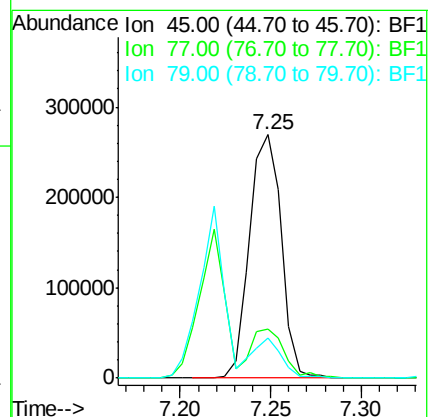
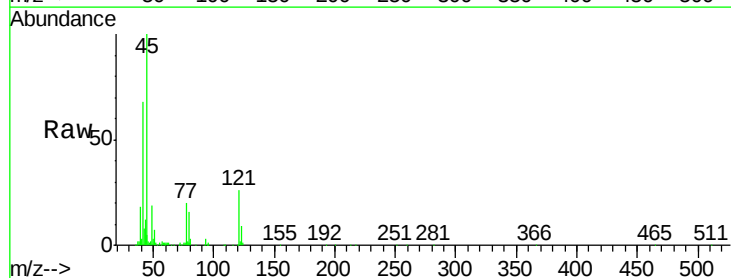
Tgt Ion: 45 Resp: 329097

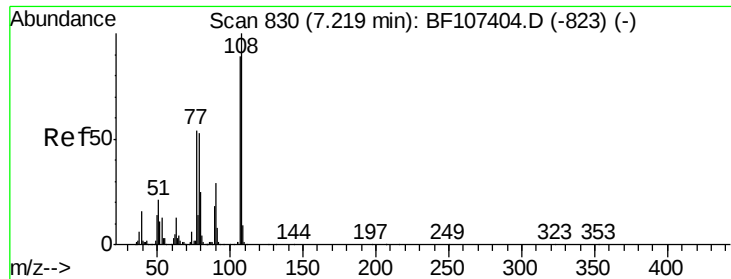
Ion Ratio Lower Upper

45 100

77 20.4 0.0 32.9

79 16.3 0.0 29.6





#17

2-Methylphenol

Concen: 30.196 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

Tgt Ion:107 Resp: 290134

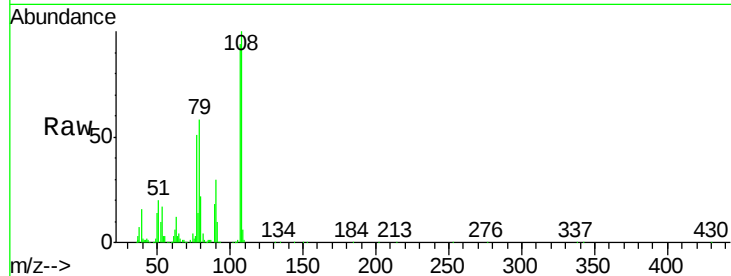
Ion Ratio Lower Upper

107 100

108 106.1 91.7 137.5

77 53.8 33.8 50.8#

79 61.9 33.8 50.8#

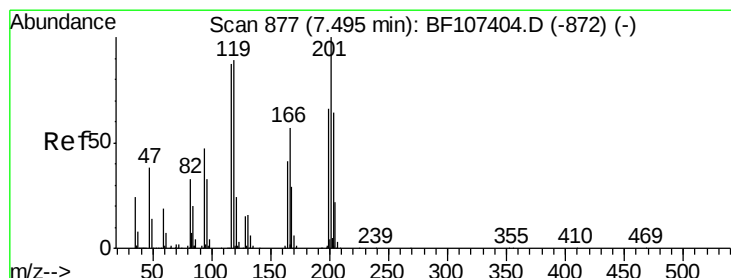
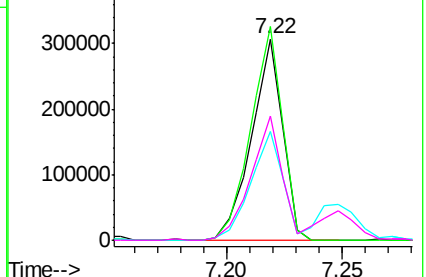
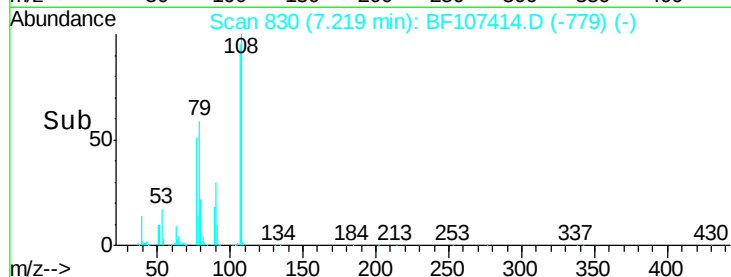


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 28.198 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

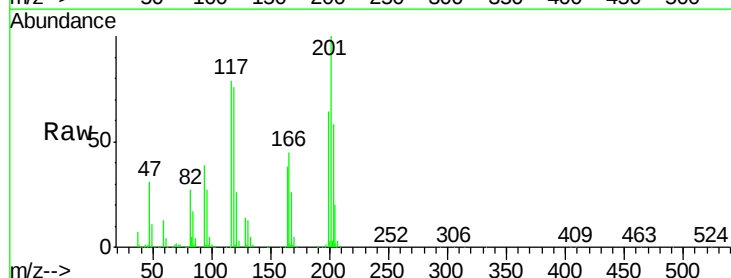
Tgt Ion:117 Resp: 127604

Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.8

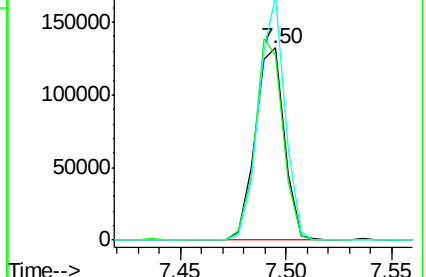
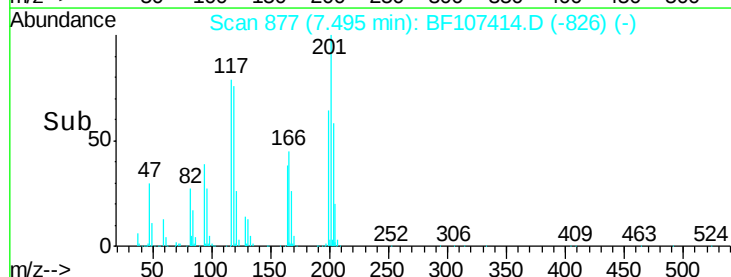
201 126.6 75.7 113.5#

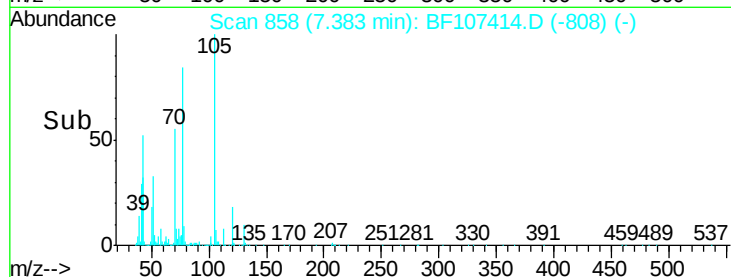
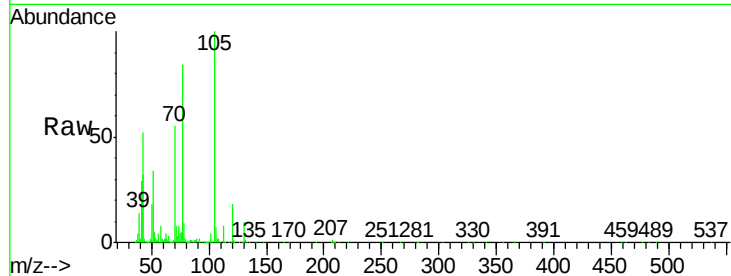
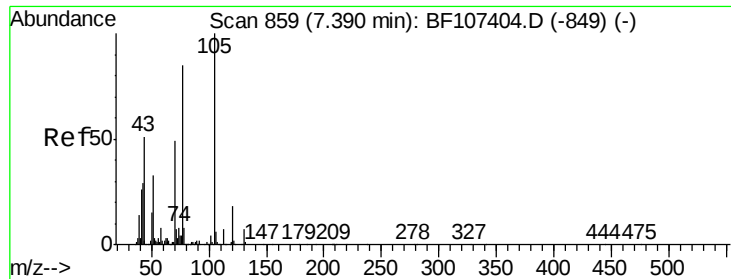


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

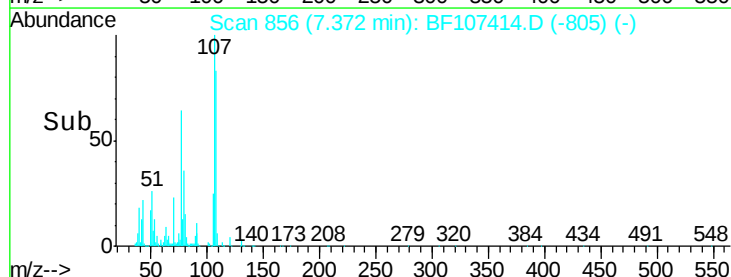
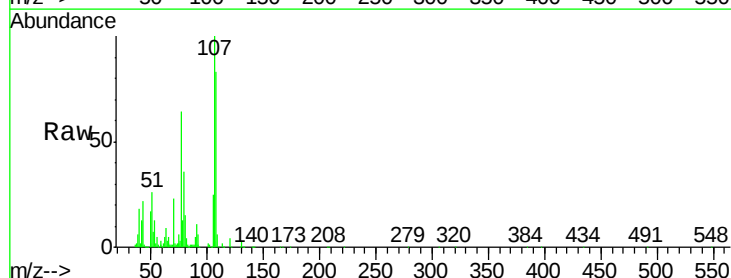
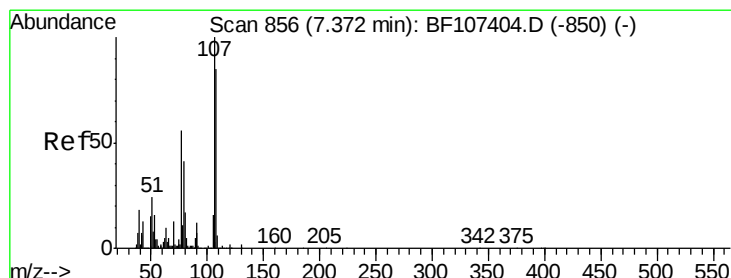
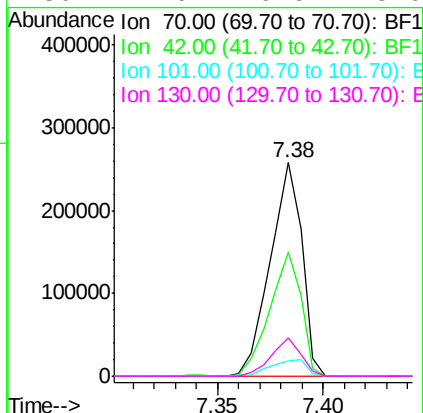




#19
n-Nitroso-di-n-propylamine
Concen: 29.072 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

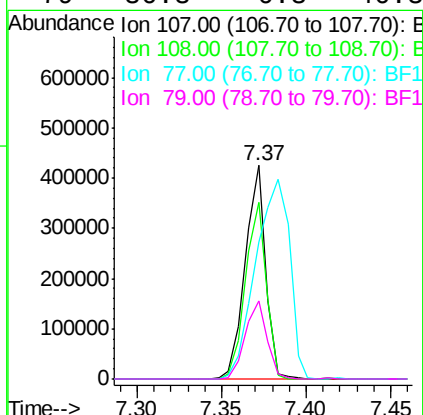
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

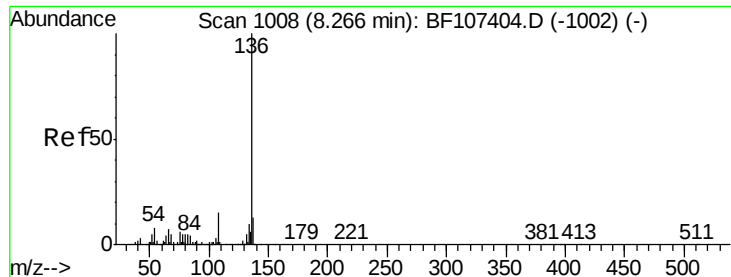
Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.5	71.3
101	7.0	7.4	11.2
130	17.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 29.611 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.5	68.2	108.2
77	64.1	26.7	66.7
79	36.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

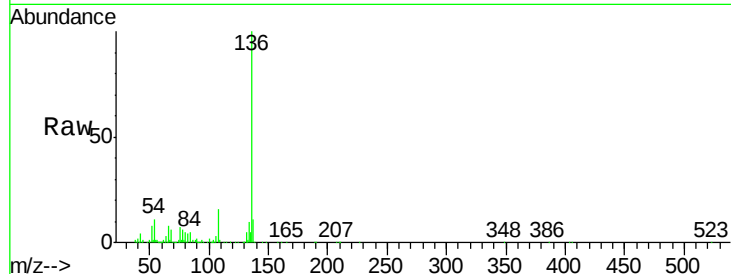
Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

Tgt Ion:	136	Resp:	578719
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	10.8	6.6	9.8#
68	5.7	5.0	7.4

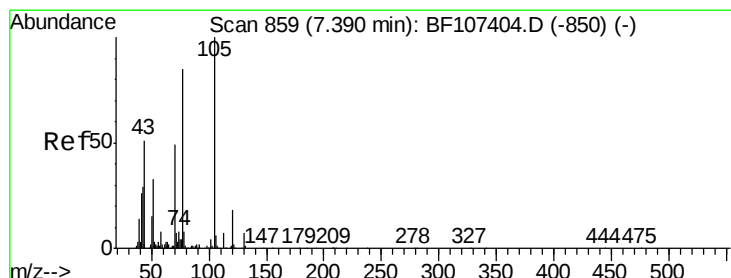
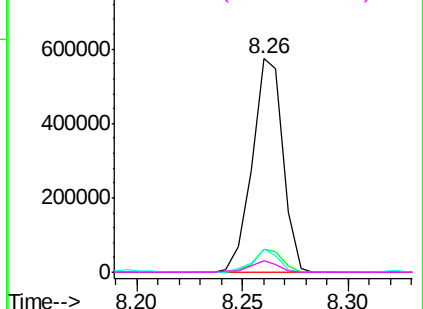
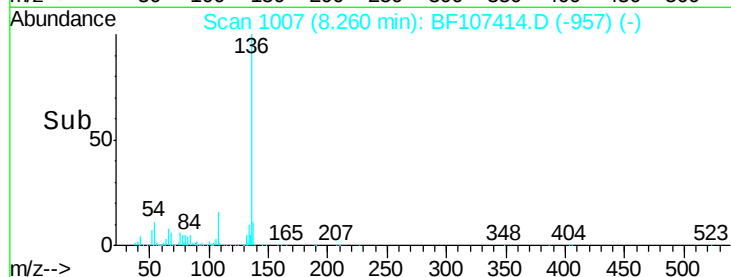


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.820 ng

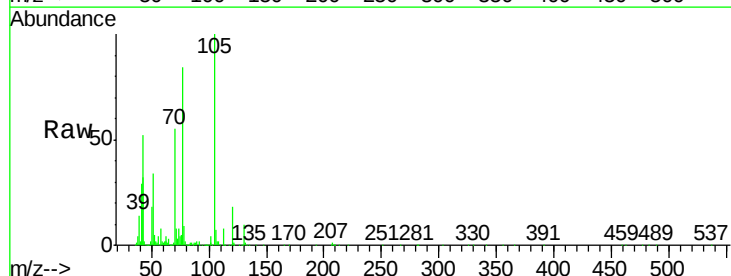
RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Tgt Ion:	105	Resp:	474160
Ion Ratio	Lower	Upper	
105	100		
71	7.9	4.4	6.6#
51	33.5	22.3	33.5#
120	17.9	16.9	25.3

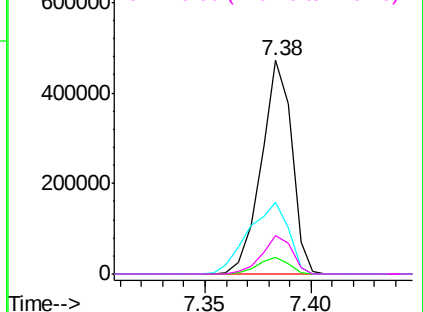
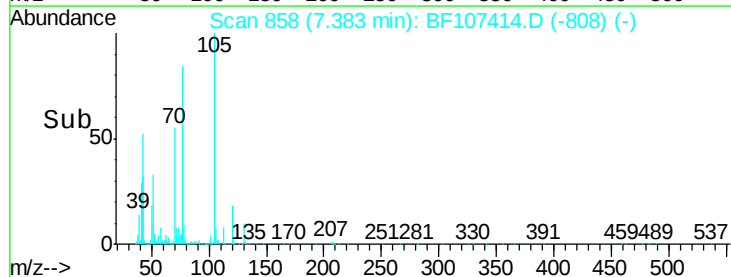


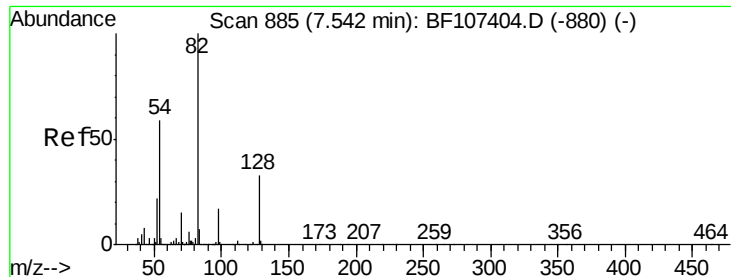
Abundance Ion 105.00 (104.70 to 105.70): E

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

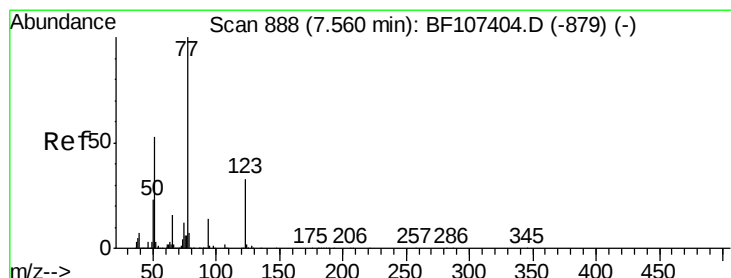
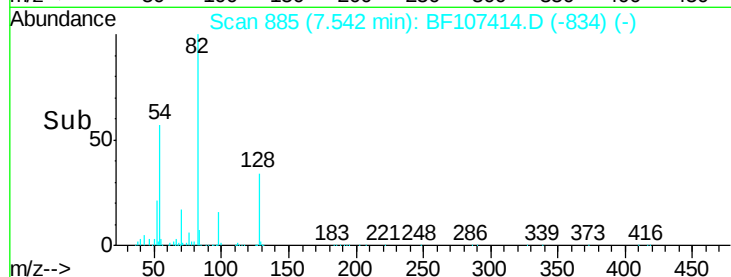
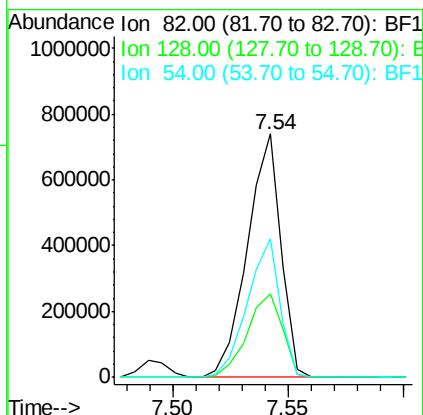
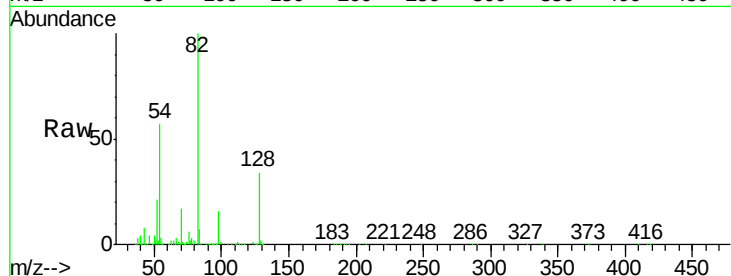




#23
 Nitrobenzene-d5
 Concen: 69.245 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

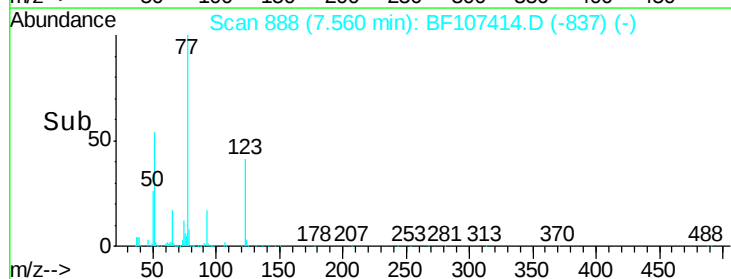
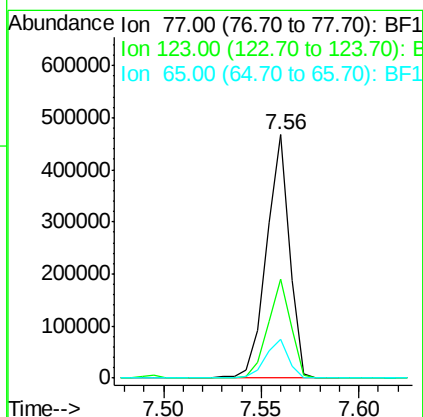
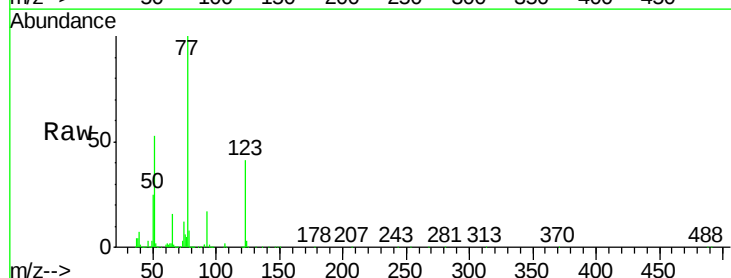
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

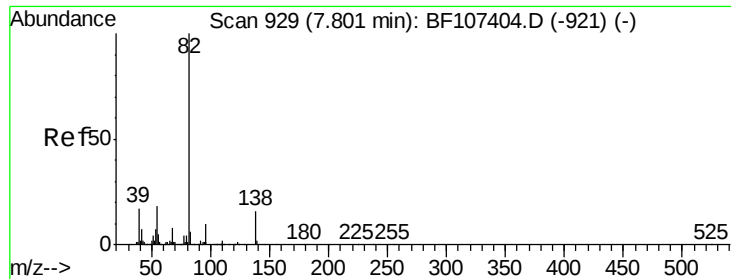
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.4	36.1	54.1#
54	56.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 31.181 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.6	37.9	56.9
65	16.0	11.0	16.4





#25

Isophorone

Concen: 32.607 ng

RT: 7.80 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

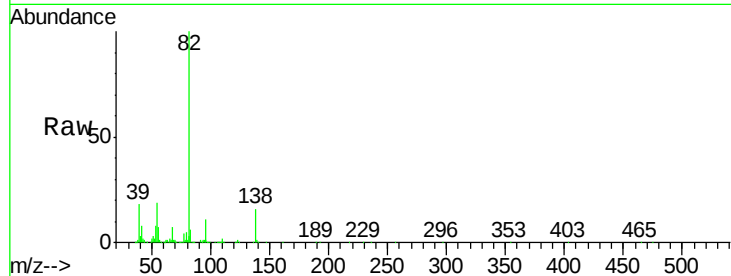
Tgt Ion: 82 Resp: 701420

Ion Ratio Lower Upper

82 100

95 11.0 5.2 7.8#

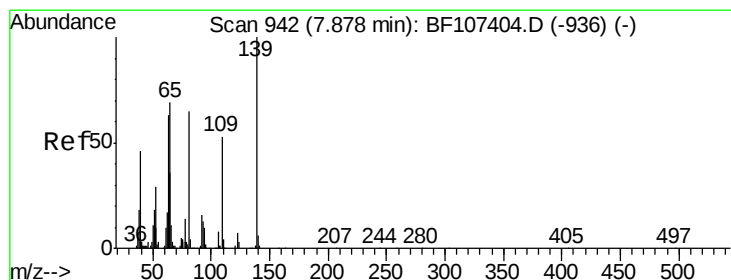
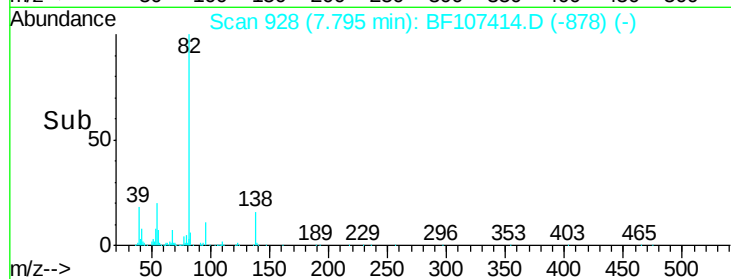
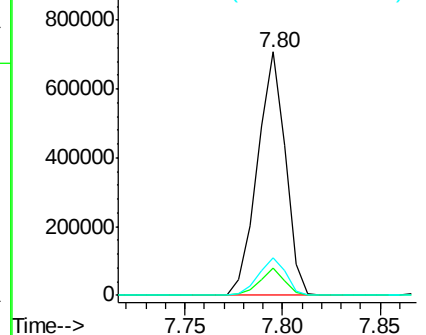
138 15.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.298 ng

RT: 7.88 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

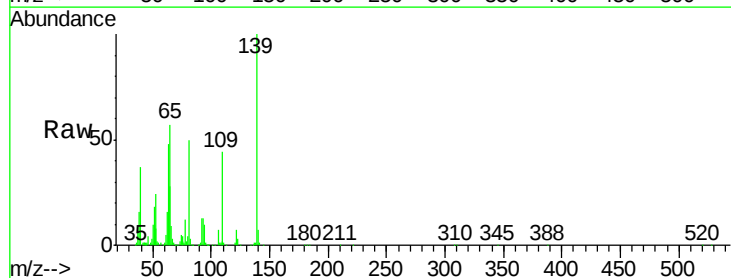
Tgt Ion: 139 Resp: 150491

Ion Ratio Lower Upper

139 100

109 43.5 22.7 34.1#

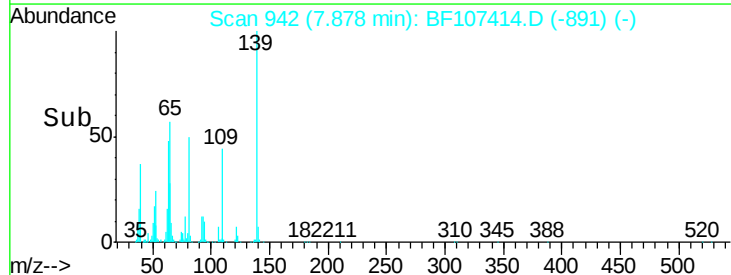
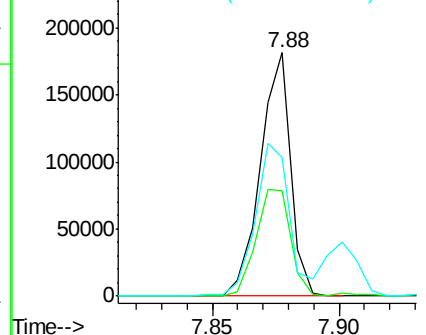
65 57.2 40.5 60.7

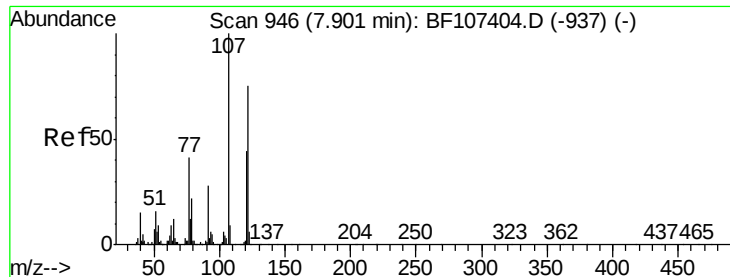


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 31.929 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.00 min

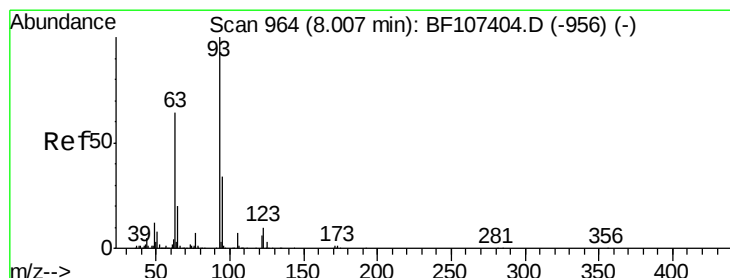
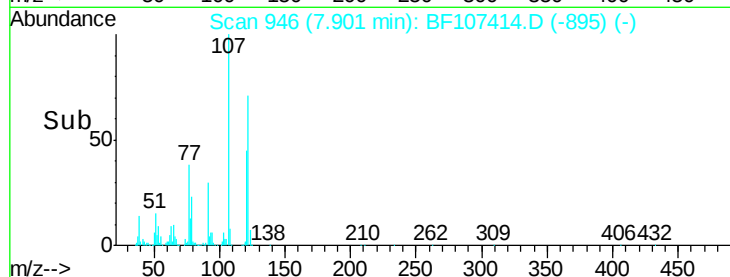
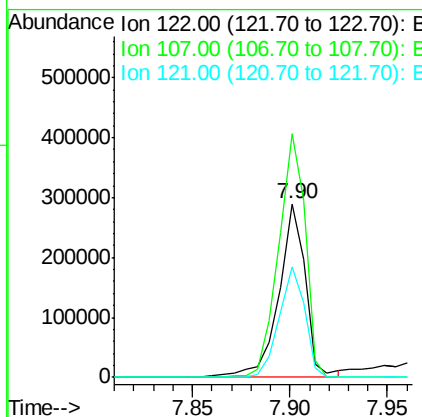
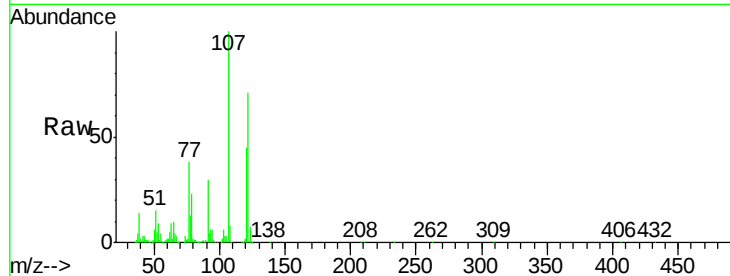
Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

Tgt Ion: 122 Resp: 276044

Ion	Ratio	Lower	Upper
122	100		
107	140.2	91.2	136.8#
121	63.5	47.2	70.8



#28

bis(2-Chloroethoxy)methane

Concen: 30.895 ng

RT: 8.00 min Scan# 963

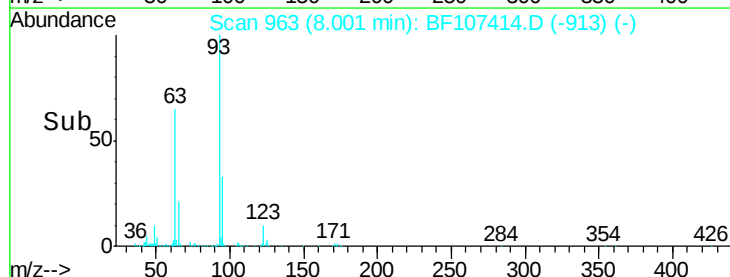
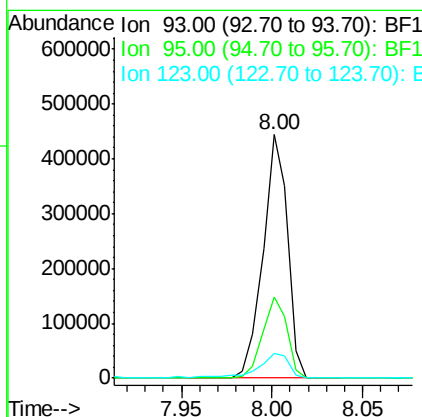
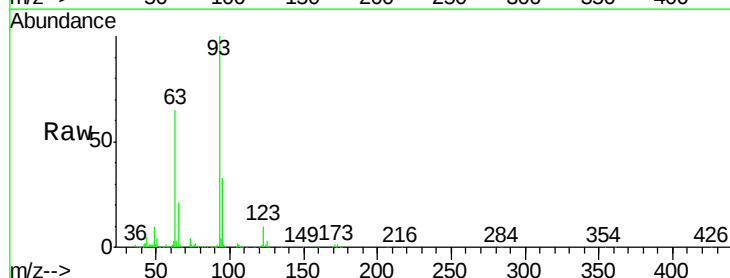
Delta R.T. -0.01 min

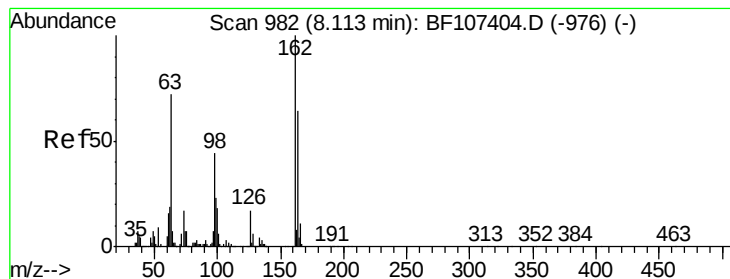
Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Tgt Ion: 93 Resp: 416223

Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	10.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 30.165 ng

RT: 8.11 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

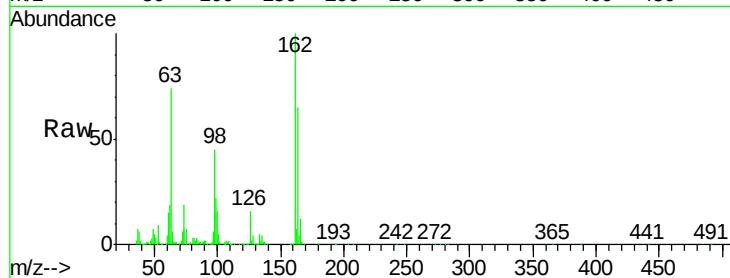
Tgt Ion:162 Resp: 271388

Ion Ratio Lower Upper

162 100

164 65.2 42.7 82.7

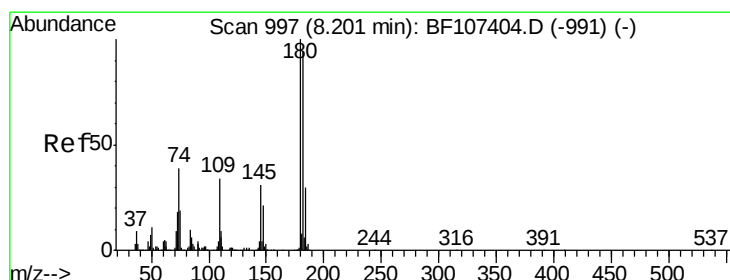
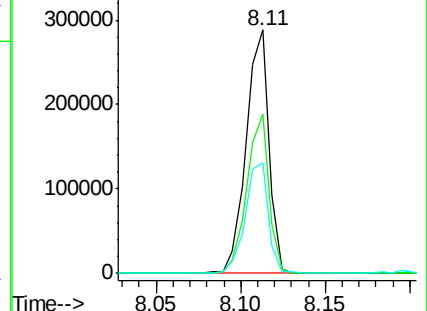
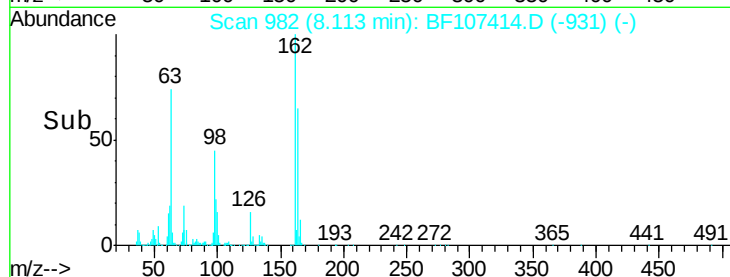
98 45.3 18.1 58.1



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: 27.523 ng

RT: 8.20 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

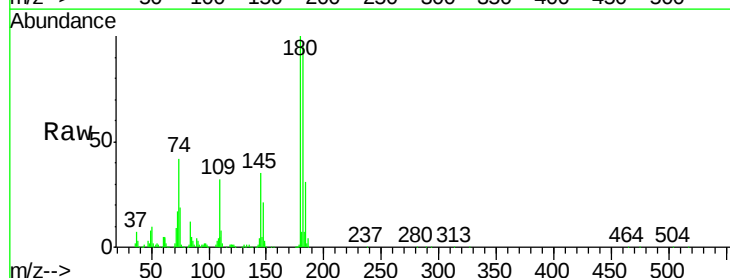
Tgt Ion:180 Resp: 299847

Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

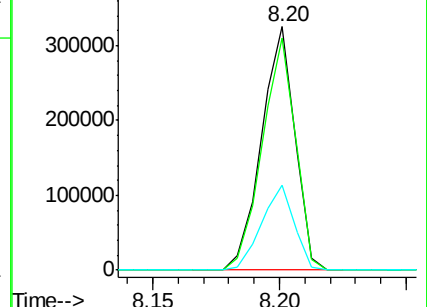
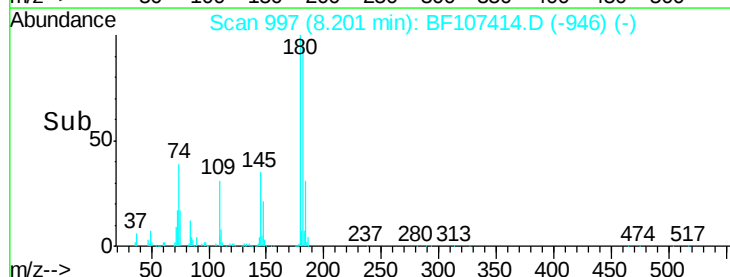
145 35.0 26.5 39.7

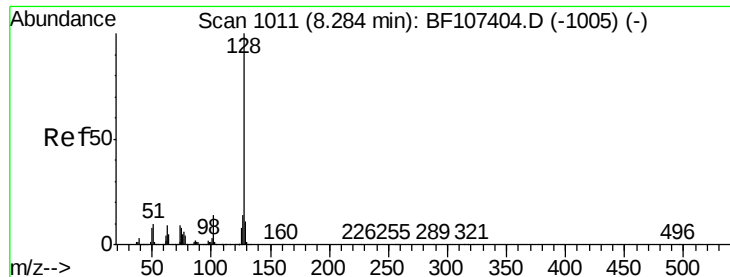


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

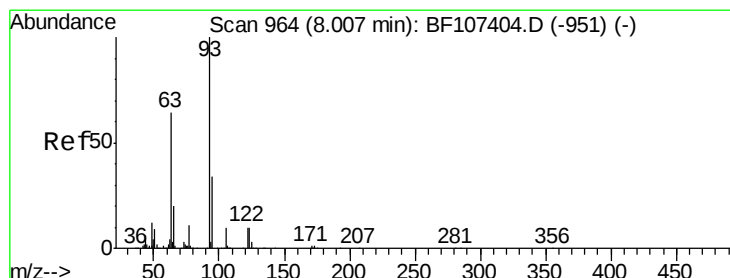
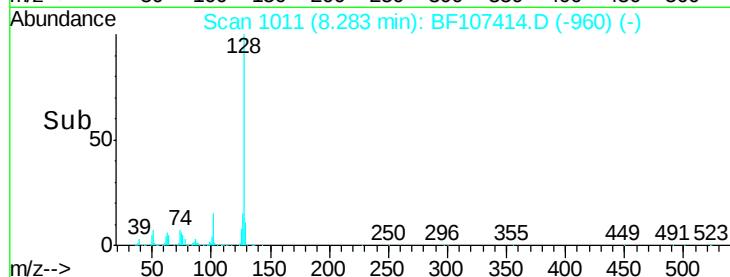
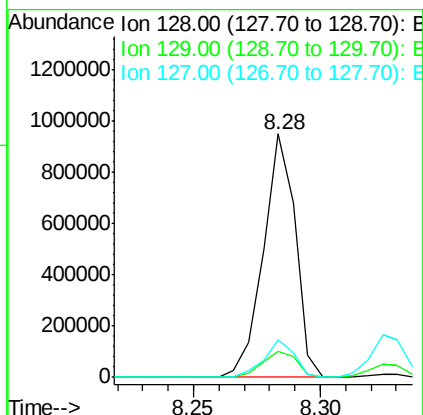
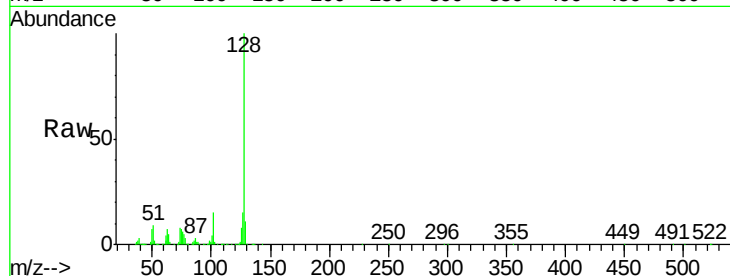




#31
Naphthalene
Concen: 29.971 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

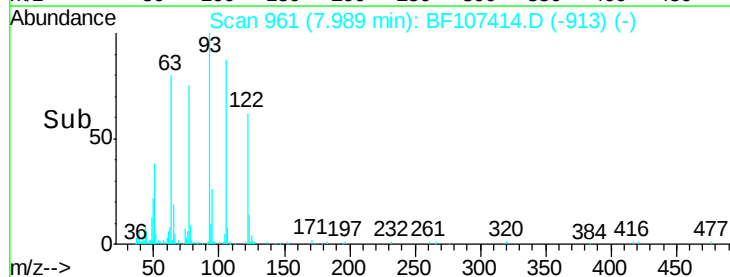
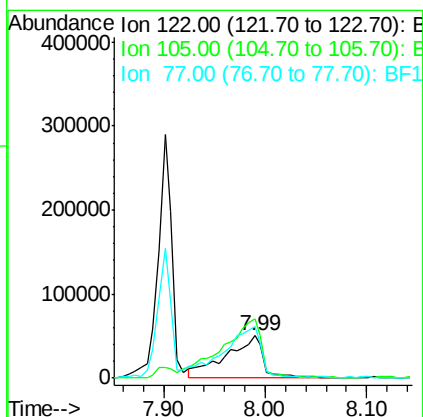
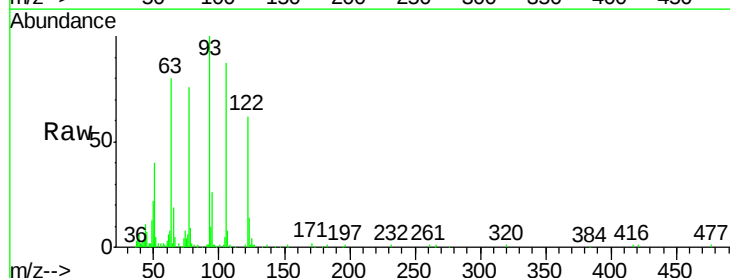
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

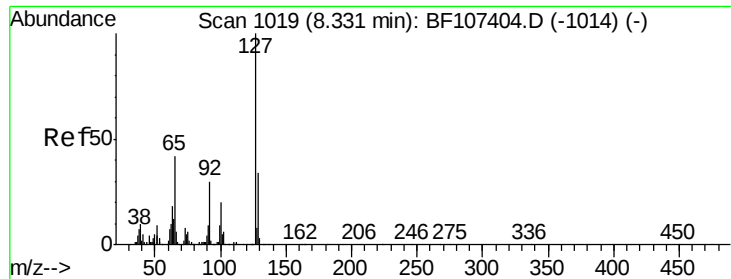
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	15.4	10.9	16.3



#32
Benzoic acid
Concen: 23.801 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.8	101.1	141.1
77	122.3	70.7	110.7

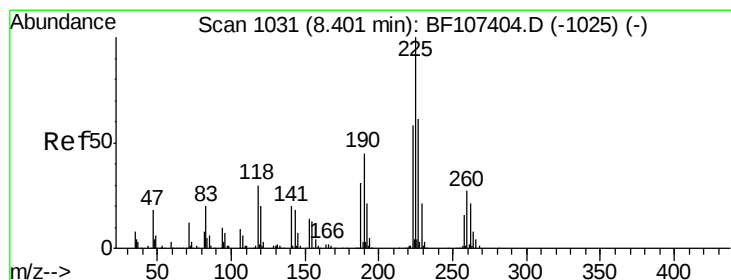
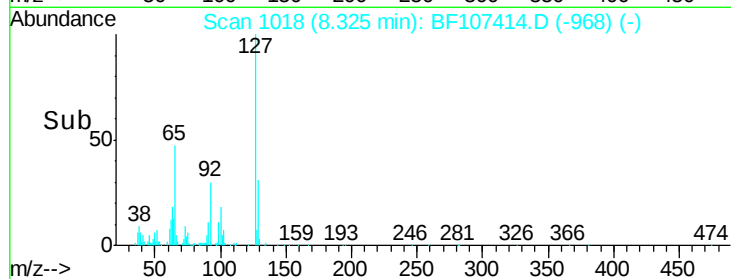
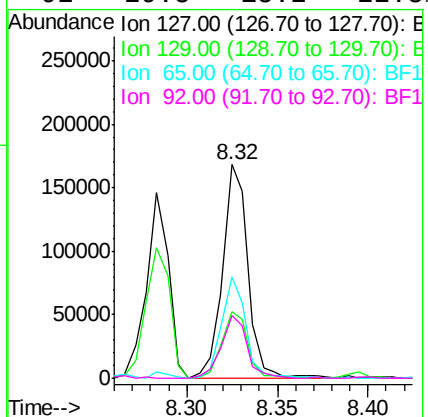
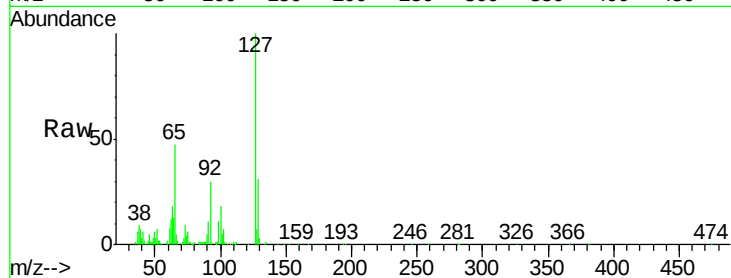




#33
4-Chloroaniline
Concen: 13.355 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

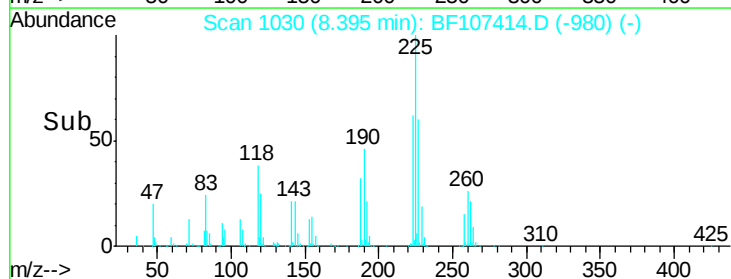
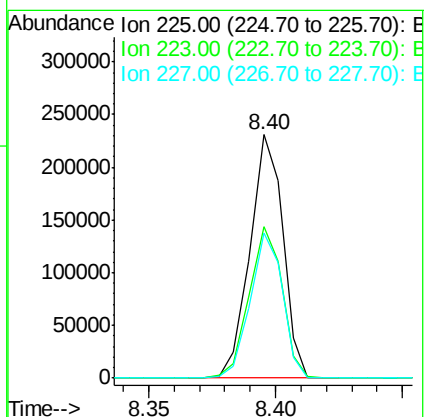
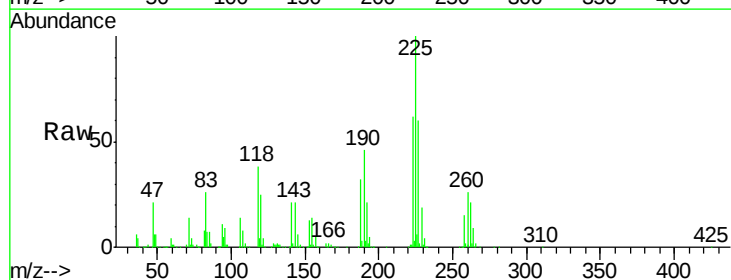
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

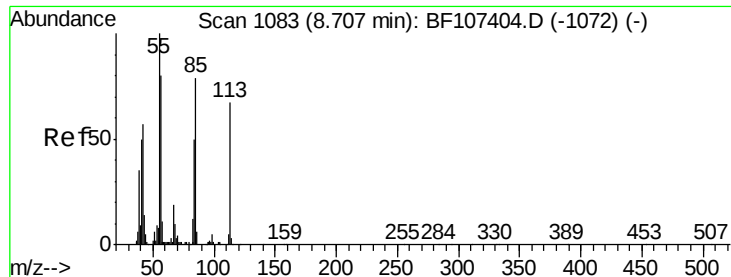
Tgt Ion:	127	Resp:	162582
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	47.3	25.0	37.4
92	29.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 28.708 ng
RT: 8.40 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion:	225	Resp:	209281
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	59.5	51.9	77.9

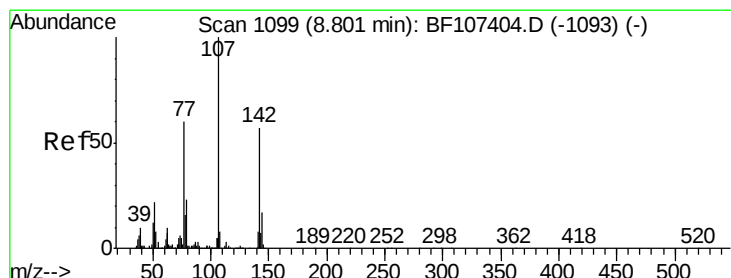
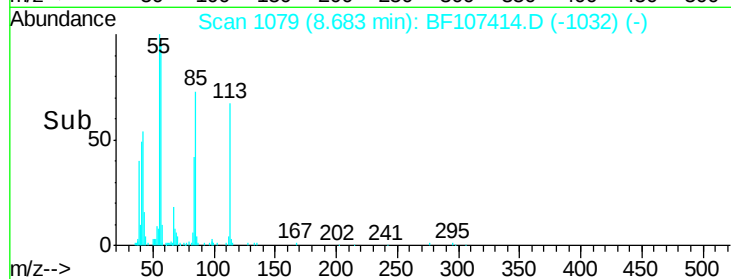
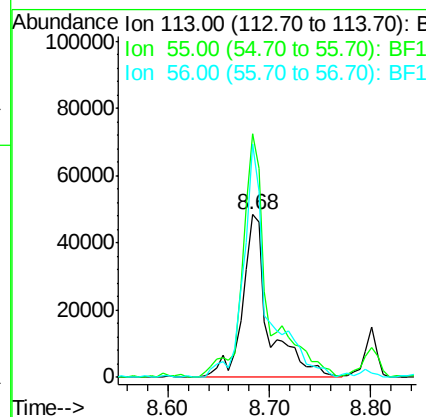
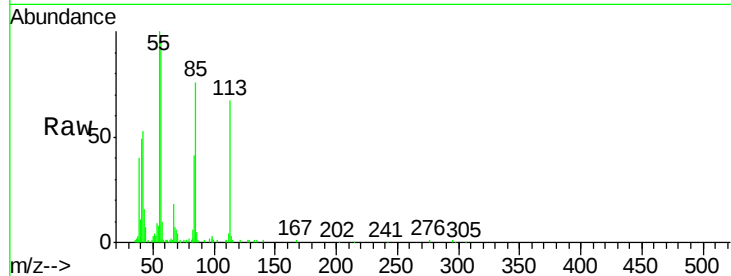




#35
 Caprolactam
 Concen: 29.727 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

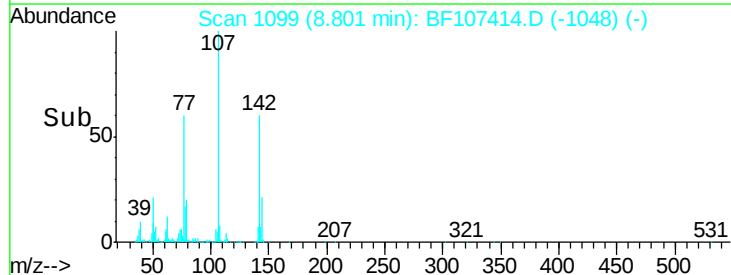
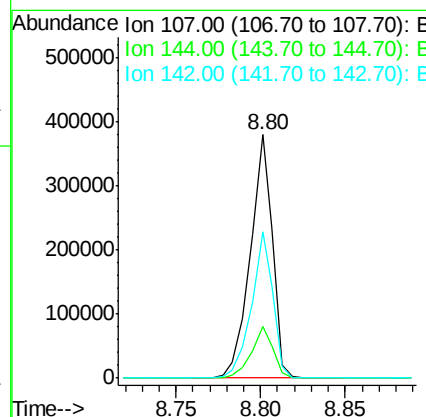
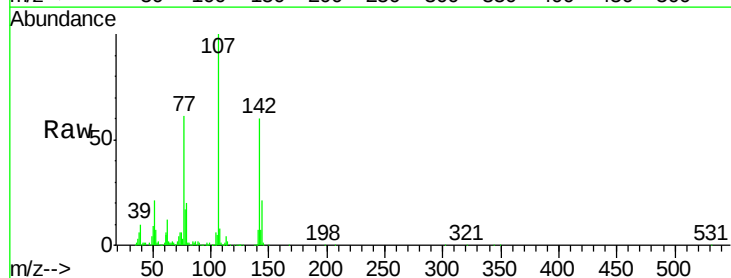
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

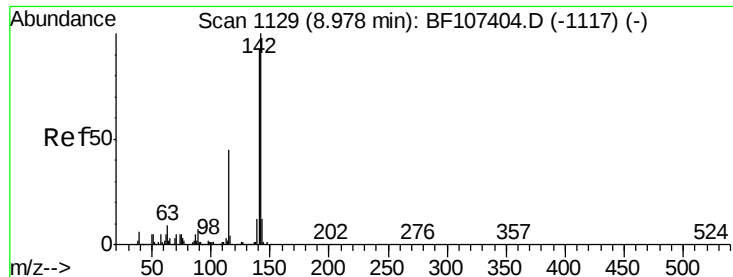
Tgt Ion: 113 Resp: 86998
 Ion Ratio Lower Upper
 113 100
 55 149.8 163.3 203.3#
 56 143.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 29.627 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Tgt Ion: 107 Resp: 348286
 Ion Ratio Lower Upper
 107 100
 144 20.9 20.5 30.7
 142 60.3 62.0 93.0#





#37

2-Methylnaphthalene

Concen: 30.837 ng

RT: 8.98 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

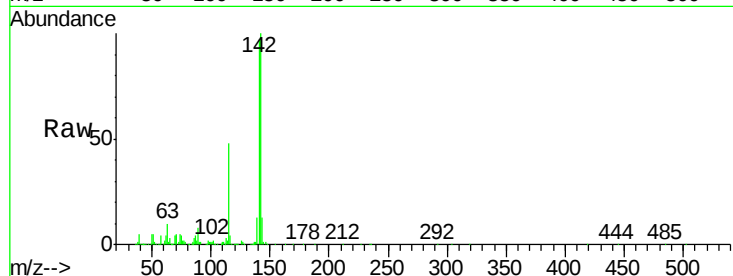
Tgt Ion:142 Resp: 571385

Ion Ratio Lower Upper

142 100

141 97.1 70.8 106.2

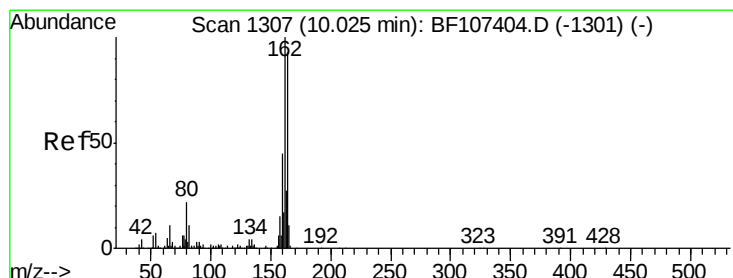
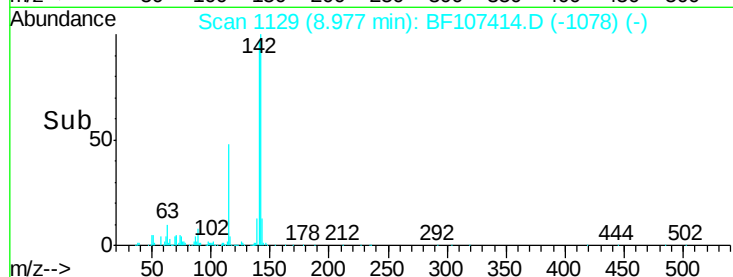
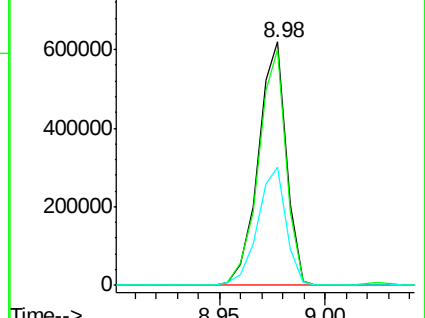
115 48.3 26.1 39.1#



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: 10.02 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

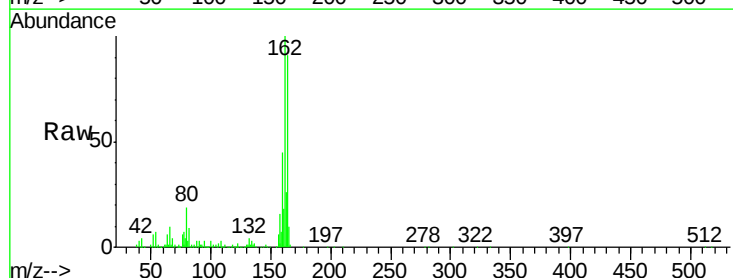
Tgt Ion:164 Resp: 301275

Ion Ratio Lower Upper

164 100

162 109.7 86.1 129.1

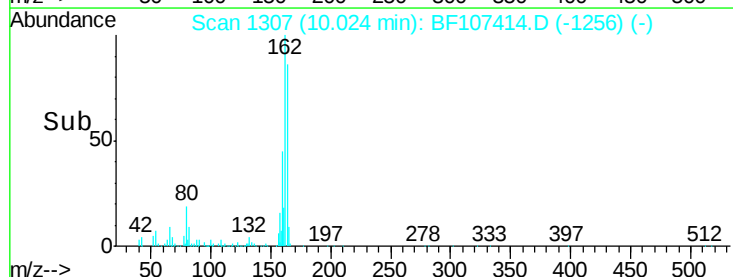
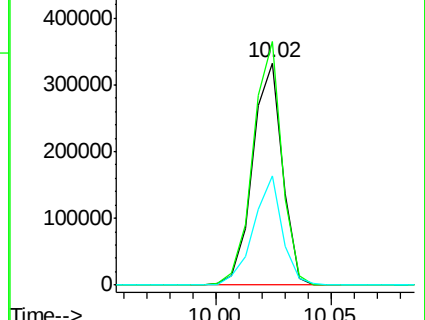
160 49.1 38.3 57.5

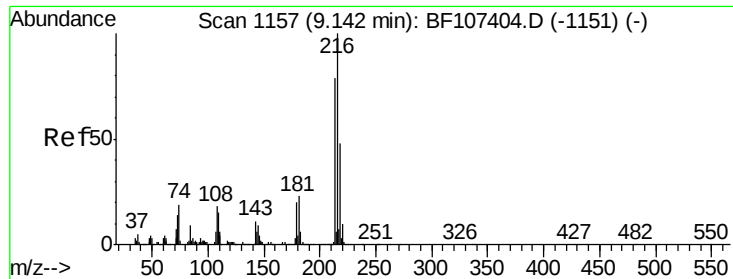


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

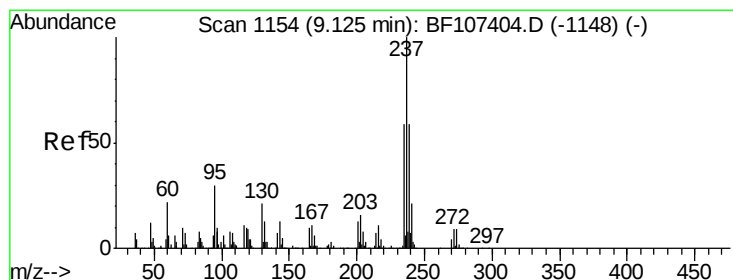
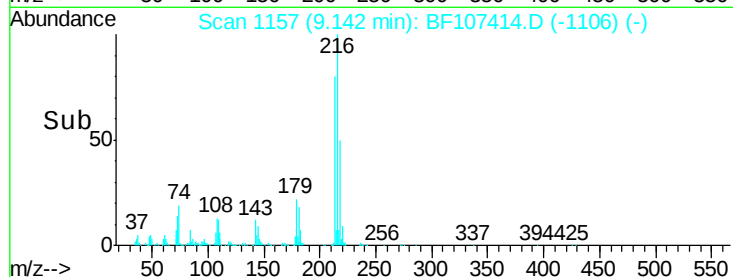
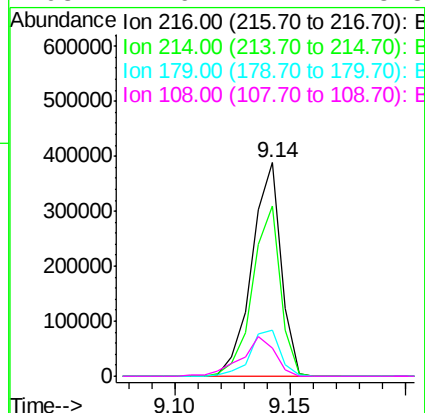
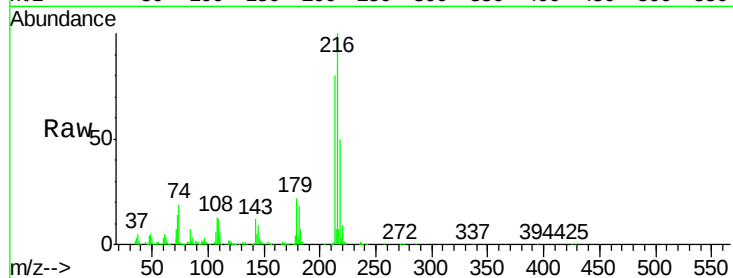




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.363 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

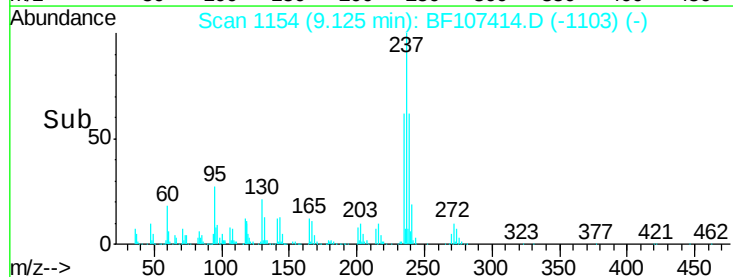
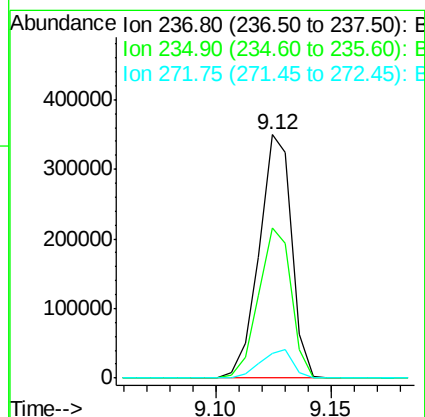
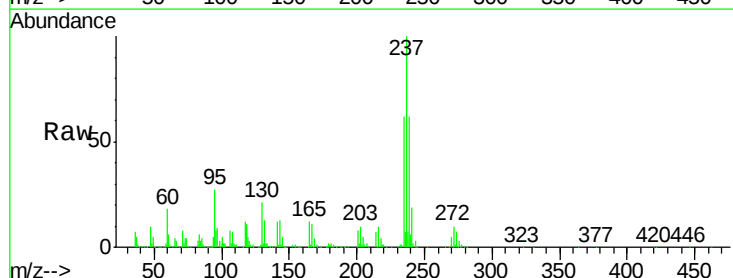
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

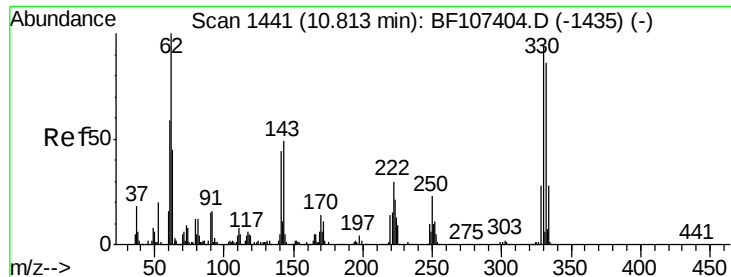
Tgt Ion:	216	Resp:	344244
Ion	Ratio	Lower	Upper
216	100		
214	76.5	63.0	94.4
179	22.2	18.1	27.1
108	21.6	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 56.044 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Tgt Ion:	237	Resp:	343176
Ion	Ratio	Lower	Upper
237	100		
235	61.9	44.8	84.8
272	9.9	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 78.572 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

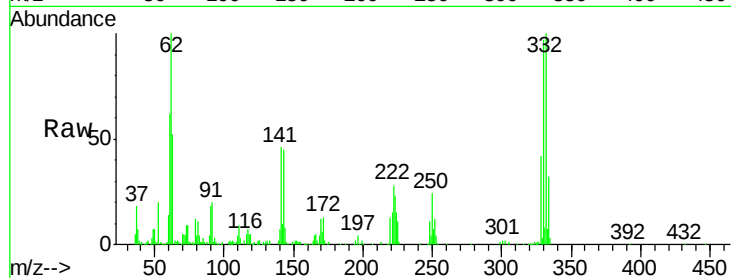
Tgt Ion:330 Resp: 207984

Ion Ratio Lower Upper

330 100

332 103.5 77.0 115.6

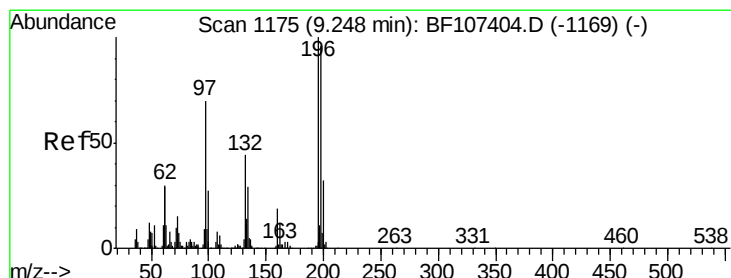
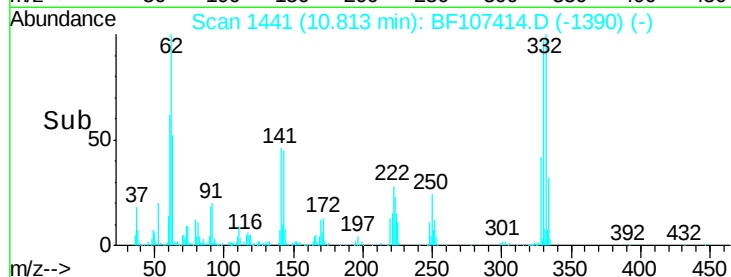
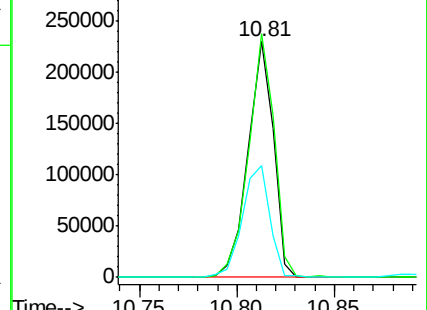
141 51.4 29.9 44.9#



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: 29.818 ng

RT: 9.28 min Scan# 1181

Delta R.T. 0.04 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

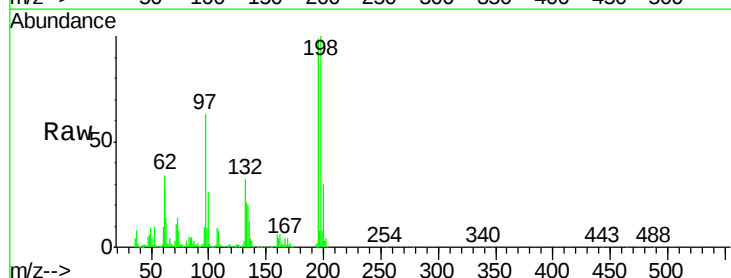
Tgt Ion:196 Resp: 218222

Ion Ratio Lower Upper

196 100

198 101.2 75.7 113.5

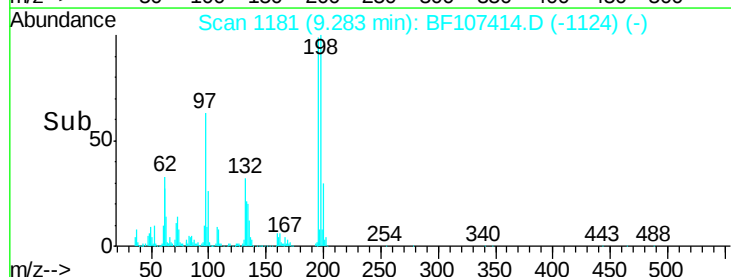
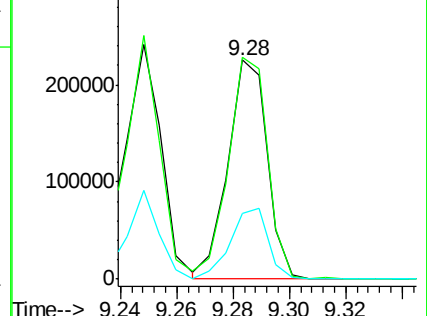
200 33.3 24.5 36.7

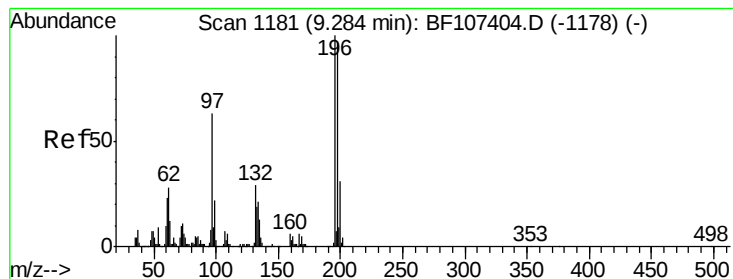


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 31.170 ng

RT: 9.28 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

Tgt Ion:196 Resp: 218222

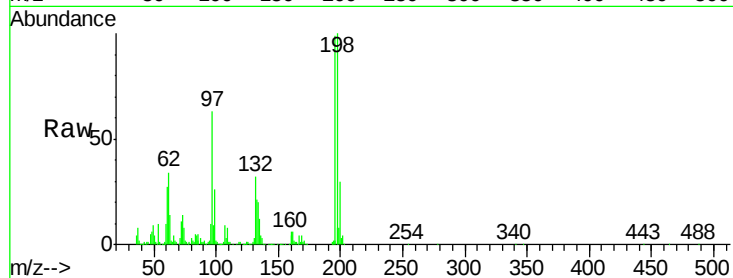
Ion Ratio Lower Upper

196 100

198 101.2 74.6 112.0

97 64.0 42.9 64.3

132 32.3 26.3 39.5



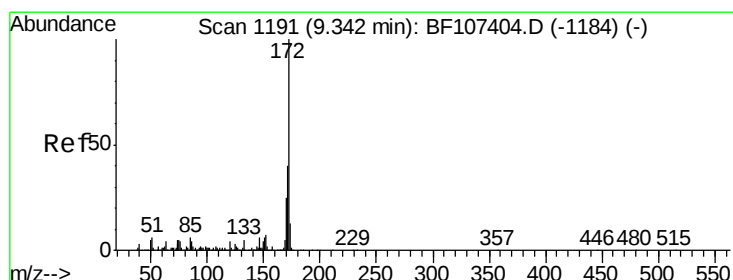
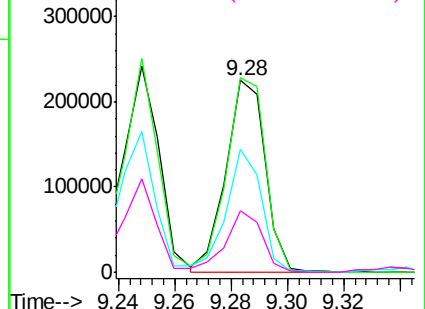
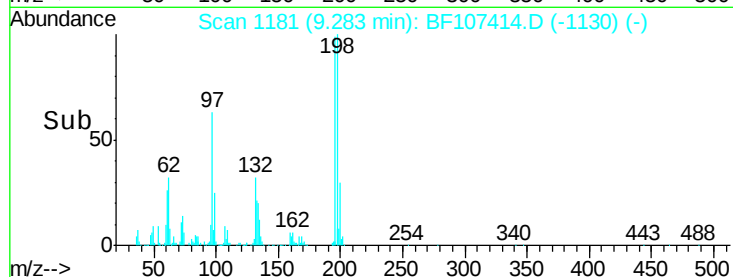
Abundance

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: 60.414 ng

RT: 9.34 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

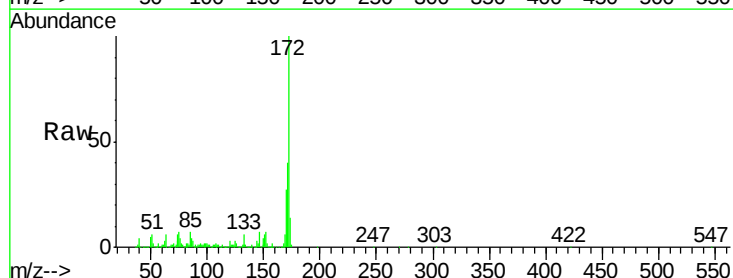
Tgt Ion:172 Resp: 1148279

Ion Ratio Lower Upper

172 100

171 40.1 29.7 44.5

170 26.5 19.6 29.4

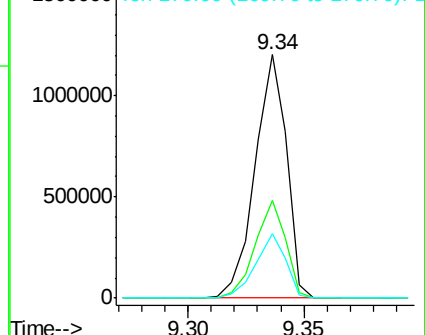
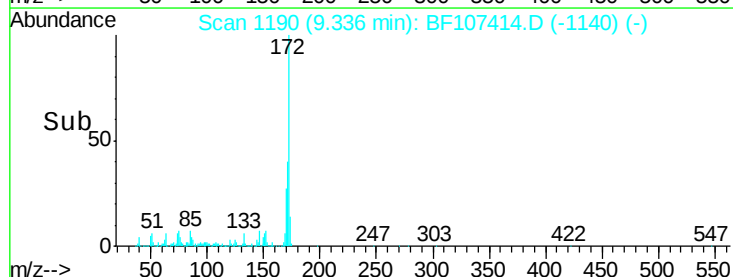


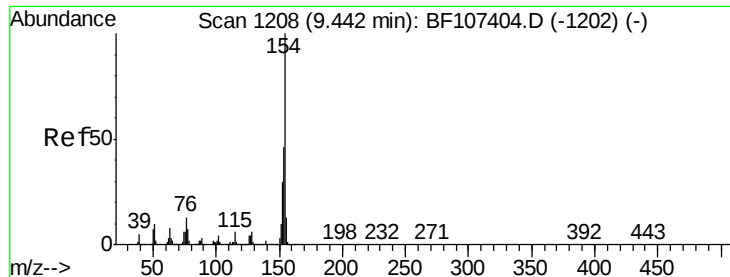
Abundance

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

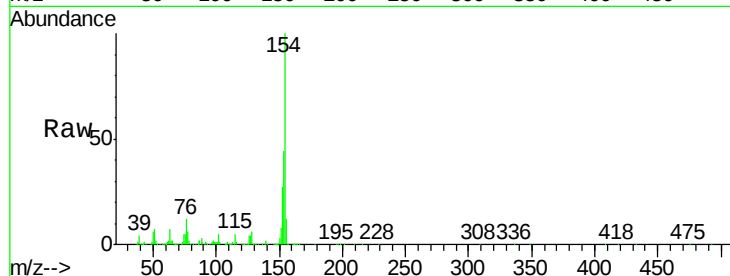




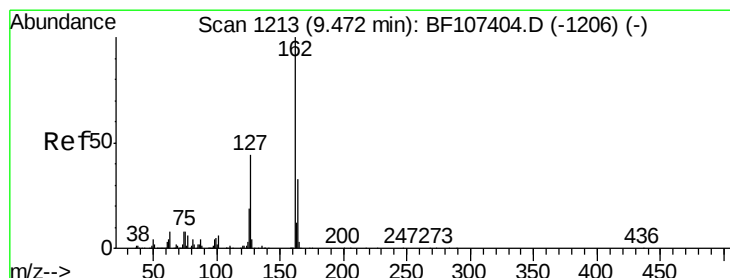
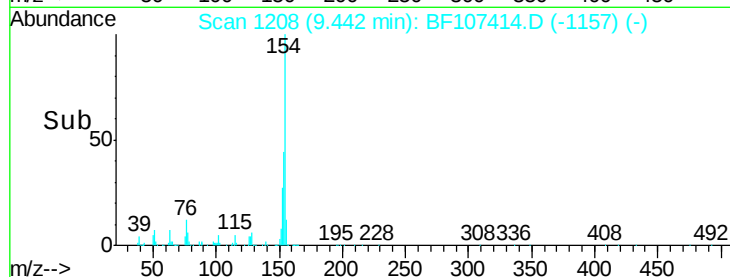
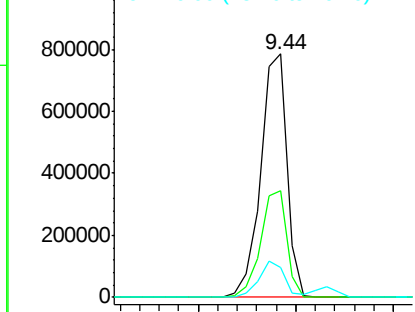
#45
 1,1'-Biphenyl
 Concen: 28.019 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	21.3	61.3
76	12.3	0.0	34.0

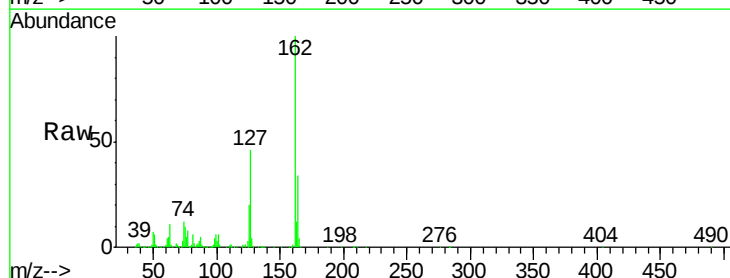


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

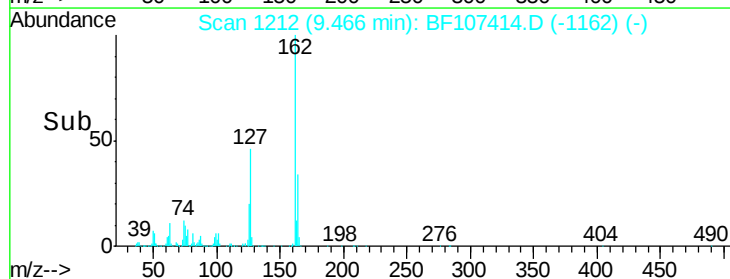
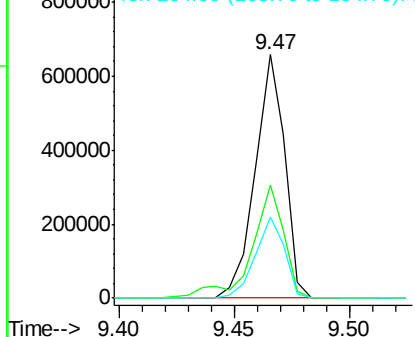


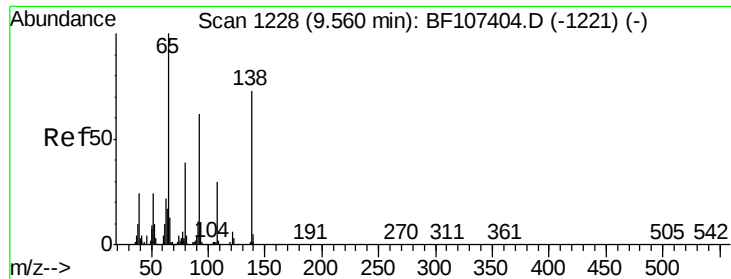
#46
 2-Chloronaphthalene
 Concen: 28.586 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.2	33.9	50.9
164	33.5	26.5	39.7



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





#47

2-Nitroaniline

Concen: 32.370 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

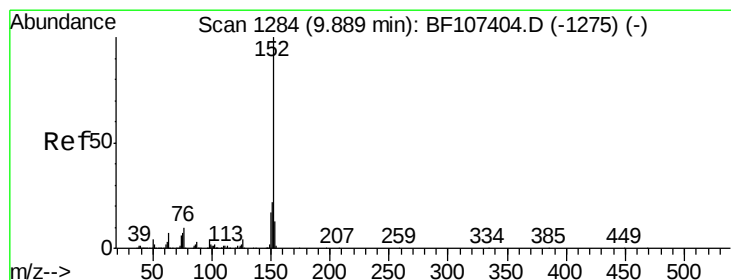
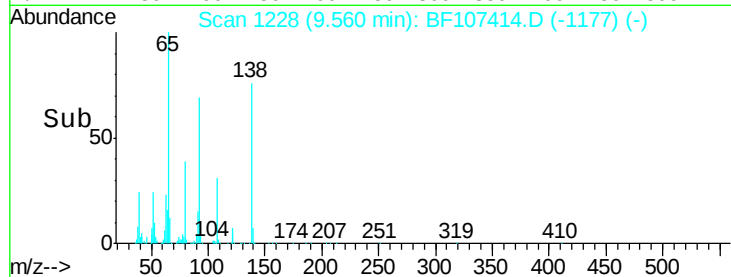
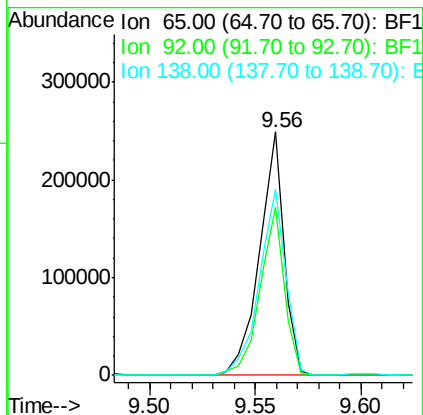
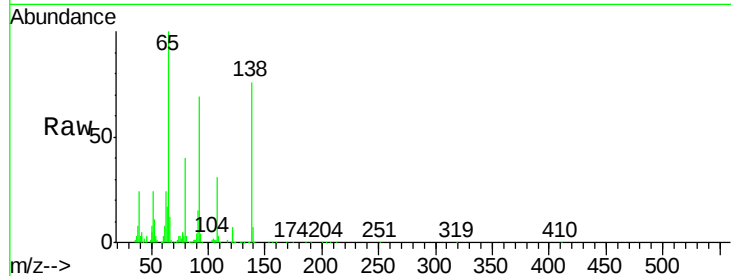
Tgt Ion: 65 Resp: 203798

Ion Ratio Lower Upper

65 100

92 69.2 55.8 83.6

138 76.3 91.2 136.8#



#48

Acenaphthylene

Concen: 30.420 ng

RT: 9.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

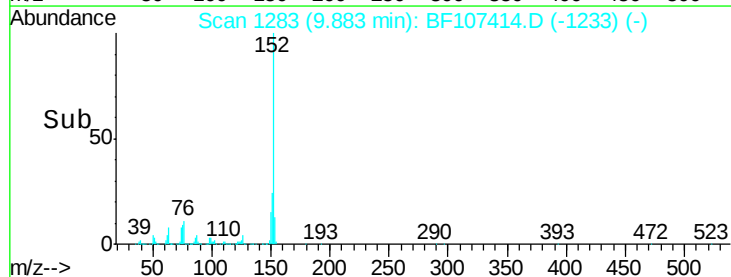
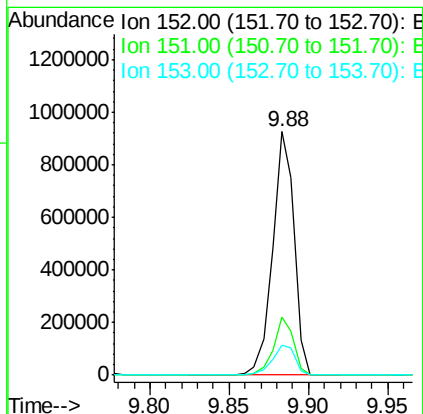
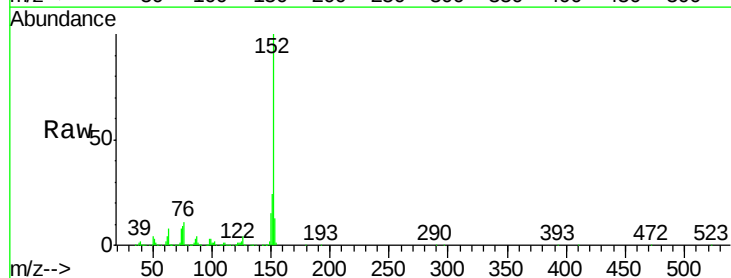
Tgt Ion: 152 Resp: 873381

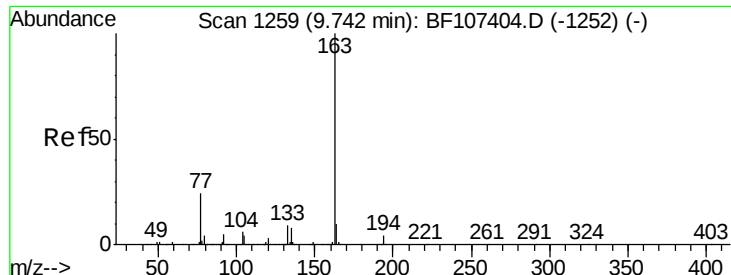
Ion Ratio Lower Upper

152 100

151 23.6 16.3 24.5

153 12.5 10.7 16.1





#49

Dimethylphthalate

Concen: 39.005 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

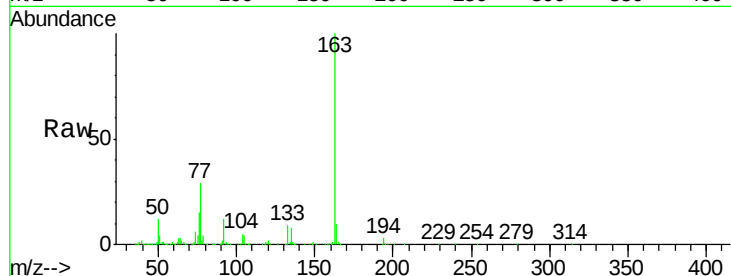
Tgt Ion:163 Resp: 933672

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

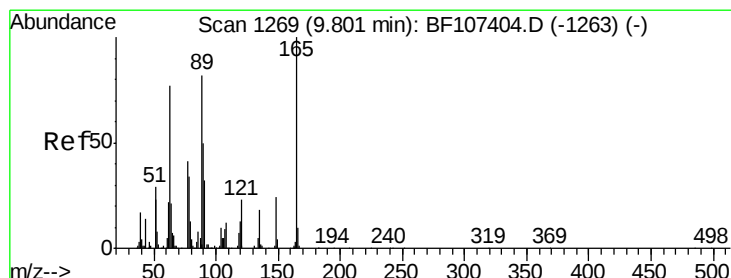
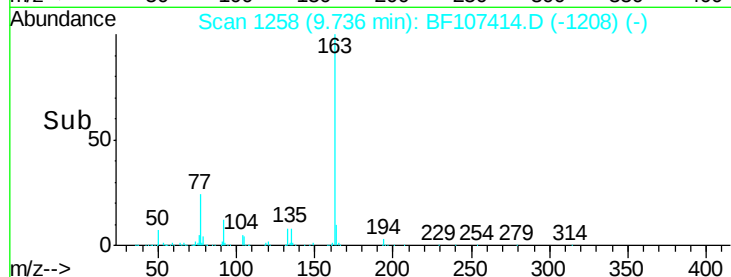
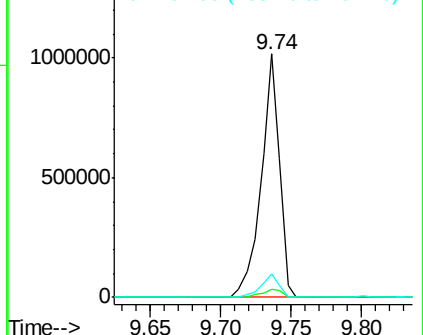
164 9.8 8.2 12.2



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: 32.010 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

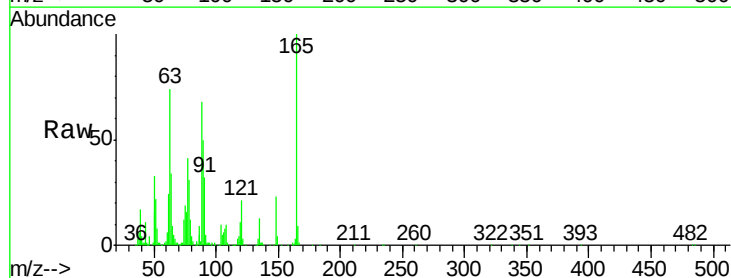
Tgt Ion:165 Resp: 146214

Ion Ratio Lower Upper

165 100

63 73.9 44.7 67.1#

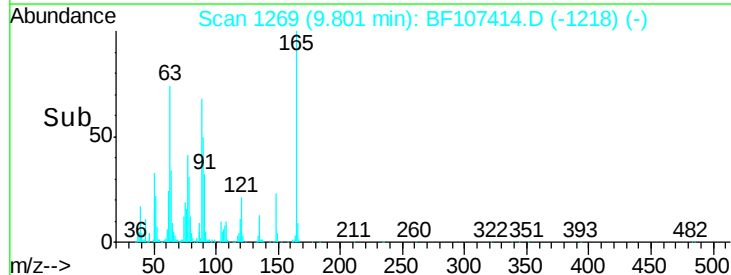
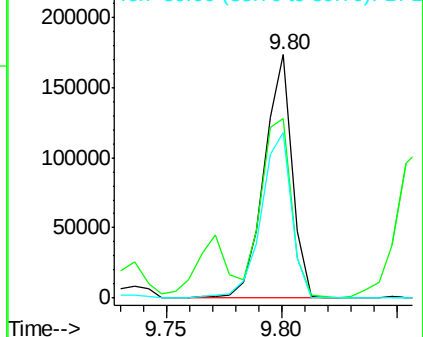
89 67.9 44.0 66.0#

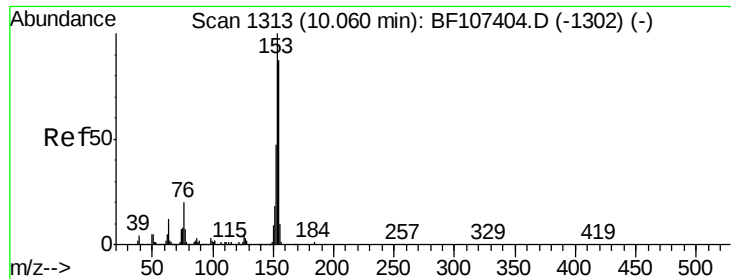


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.773 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

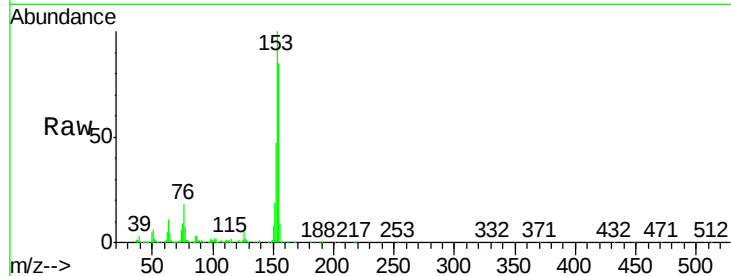
Tgt Ion:154 Resp: 623767

Ion Ratio Lower Upper

154 100

153 117.5 91.2 136.8

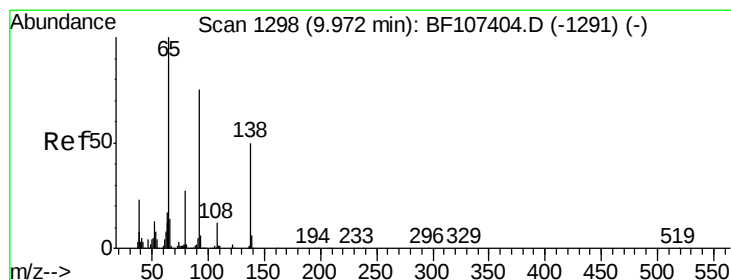
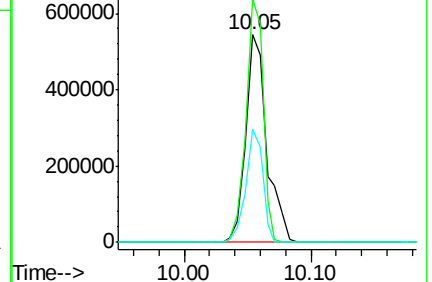
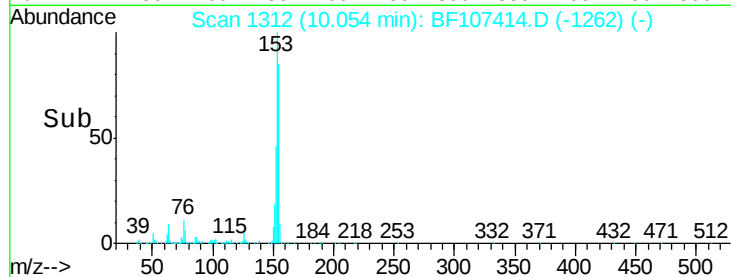
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.059 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

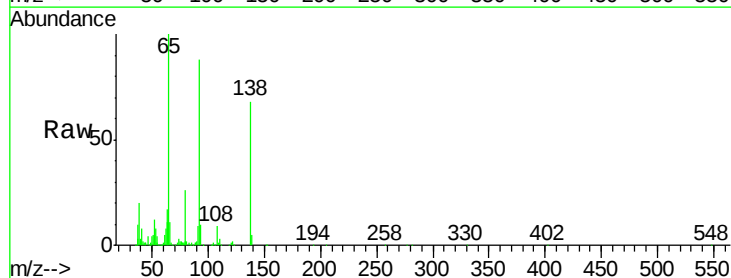
Tgt Ion:138 Resp: 101038

Ion Ratio Lower Upper

138 100

108 13.5 9.4 14.0

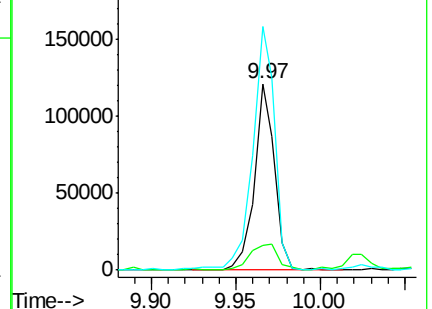
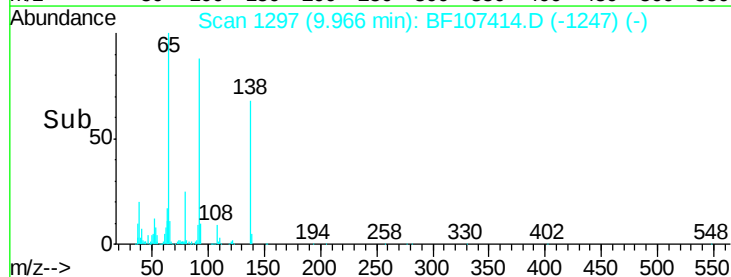
92 130.8 89.4 134.2

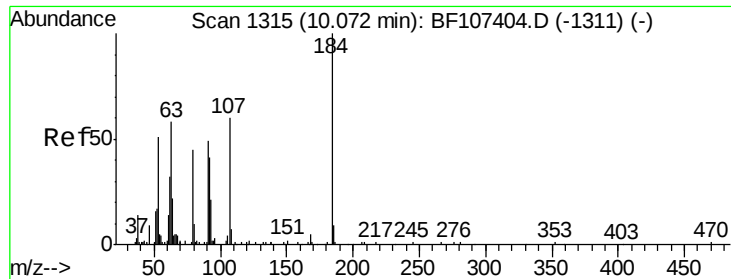


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

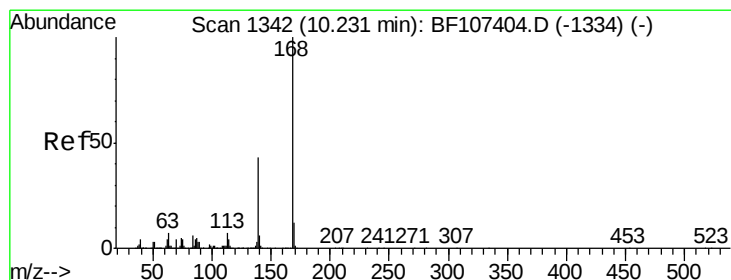
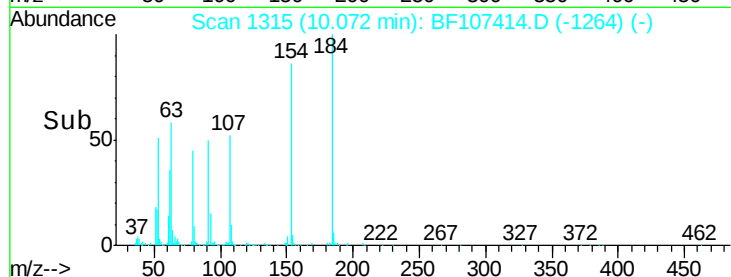
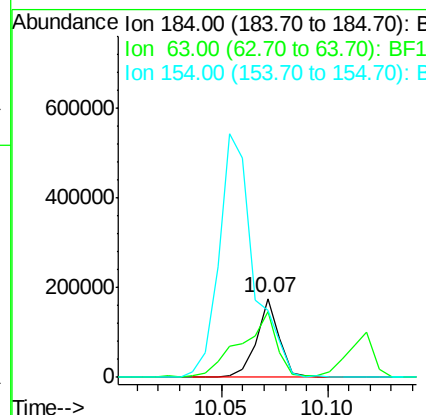
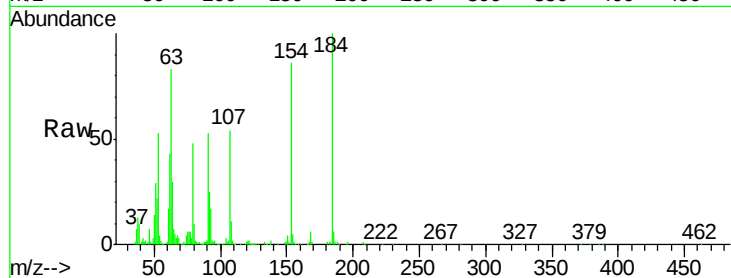




#53
2,4-Dinitrophenol
Concen: 65.286 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

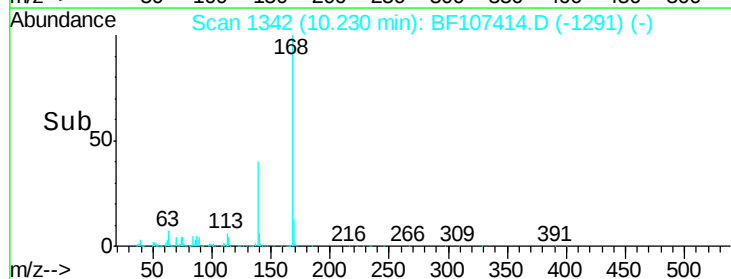
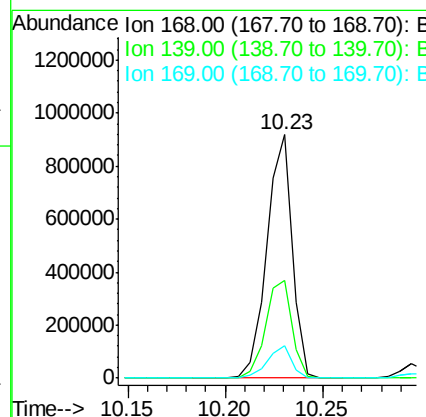
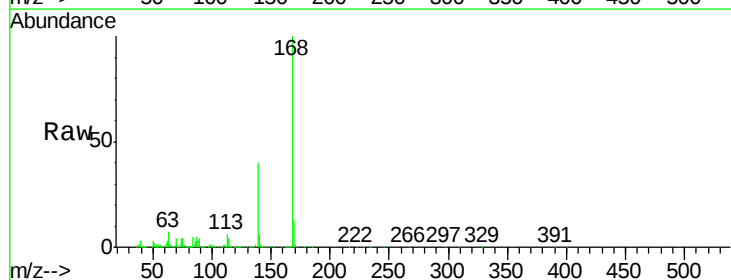
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

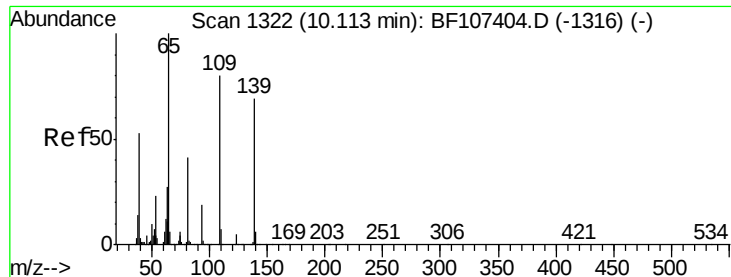
Tgt Ion:184 Resp: 130140
Ion Ratio Lower Upper
184 100
63 83.4 54.2 81.2#
154 85.5 184.0 276.0#



#54
Dibenzofuran
Concen: 28.038 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion:168 Resp: 824649
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 13.1 10.9 16.3

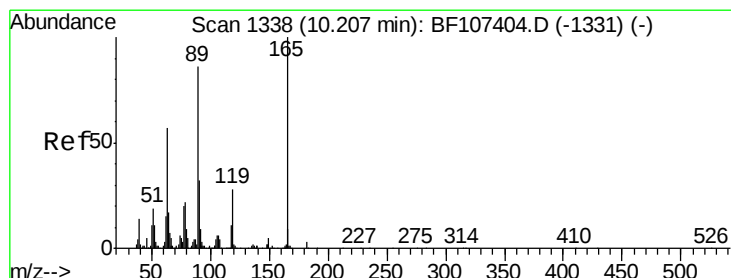
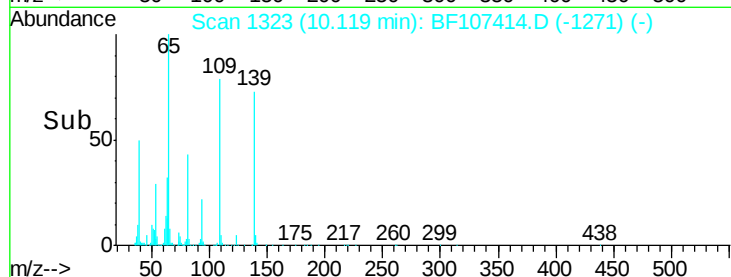
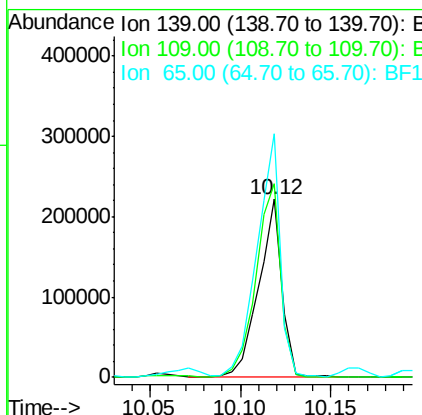
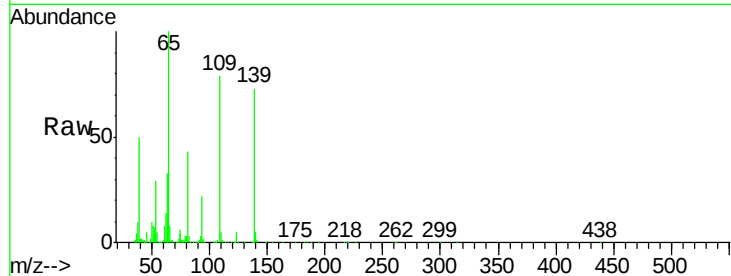




#55
4-Nitrophenol
Concen: 51.167 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

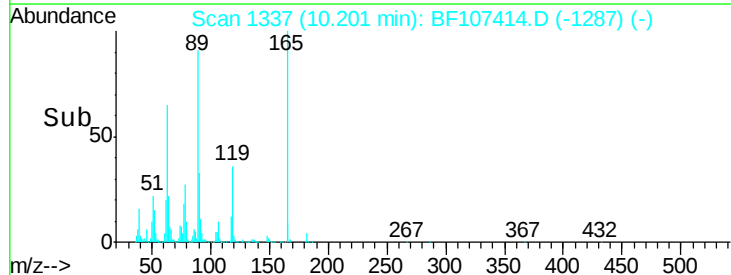
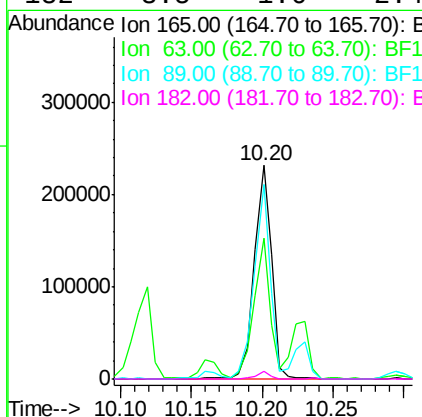
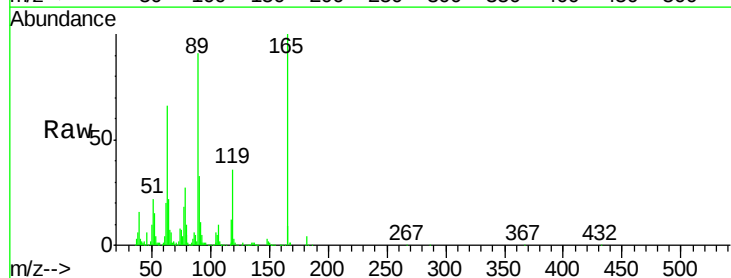
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

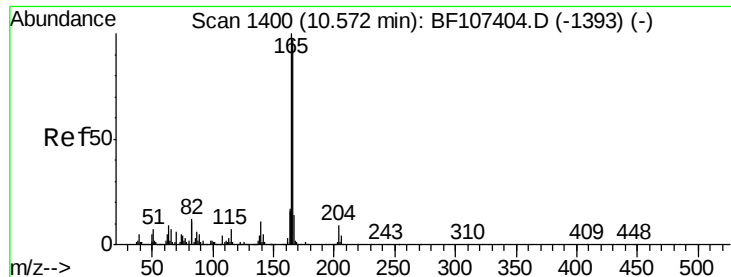
Tgt Ion:139 Resp: 198647
Ion Ratio Lower Upper
139 100
109 108.5 48.4 88.4#
65 136.8 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 33.936 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion:165 Resp: 202048
Ion Ratio Lower Upper
165 100
63 65.7 36.4 54.6#
89 91.0 57.8 86.6#
182 3.5 1.6 2.4#





#57

Fluorene

Concen: 29.528 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

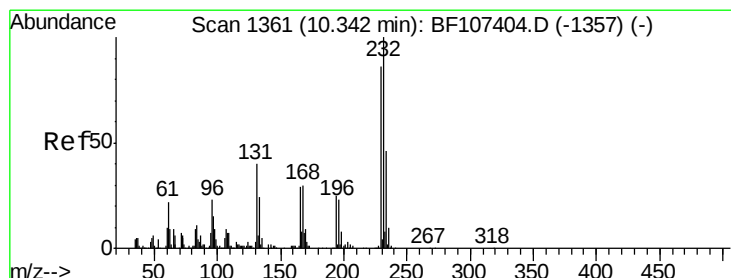
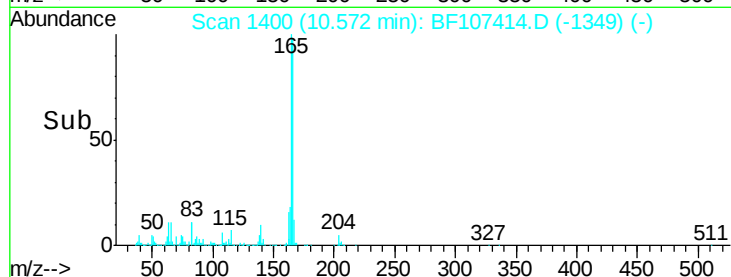
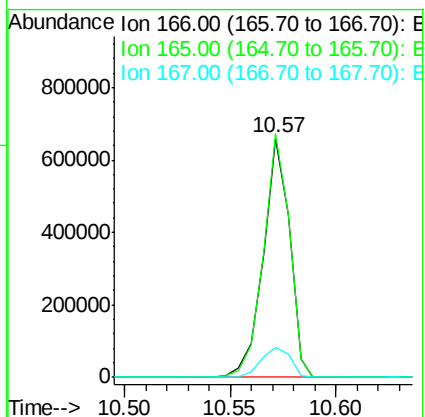
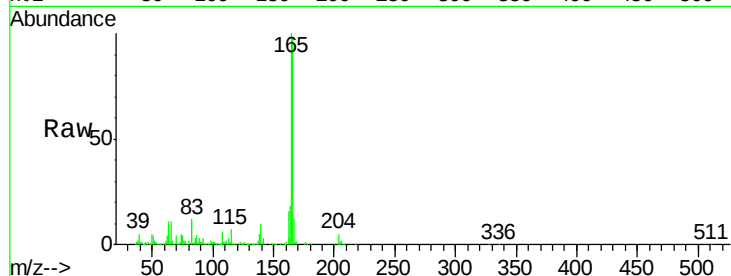
Tgt Ion:166 Resp: 575198

Ion Ratio Lower Upper

166 100

165 102.1 79.8 119.8

167 12.7 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.380 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Tgt Ion:232 Resp: 192468

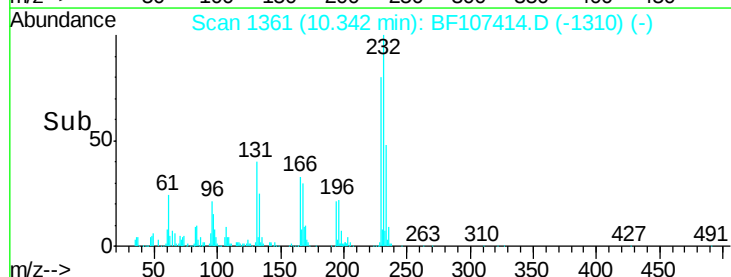
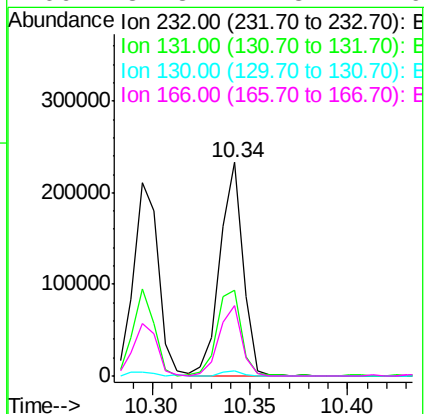
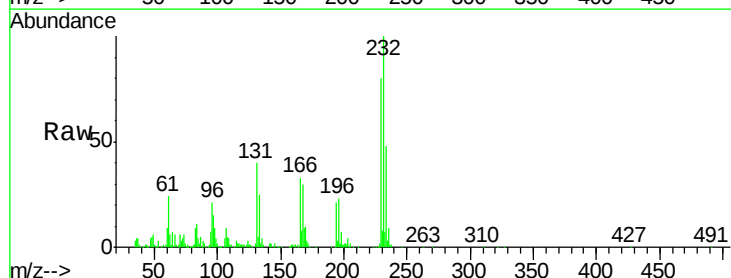
Ion Ratio Lower Upper

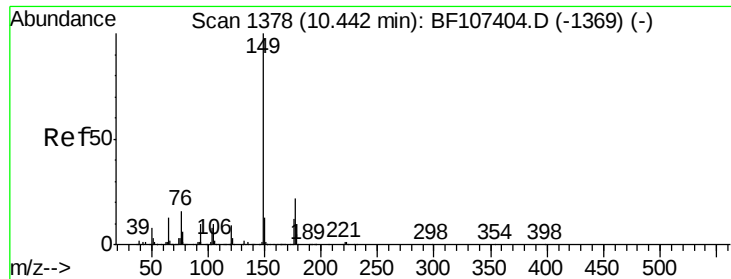
232 100

131 43.4 43.8 65.8#

130 2.2 2.1 3.1

166 32.3 27.8 41.6

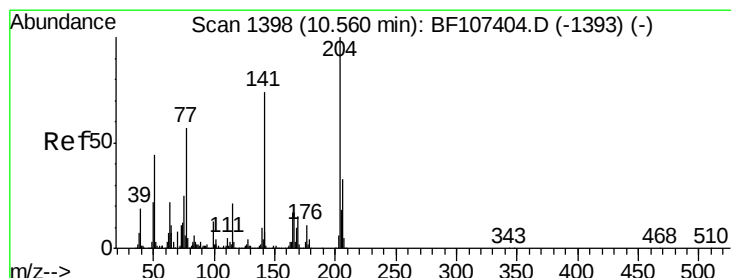
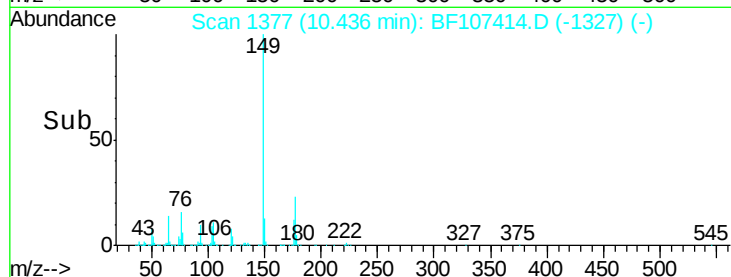
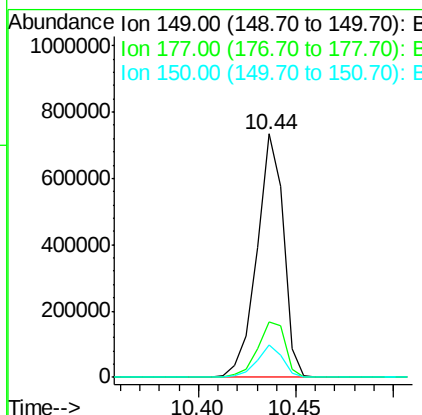
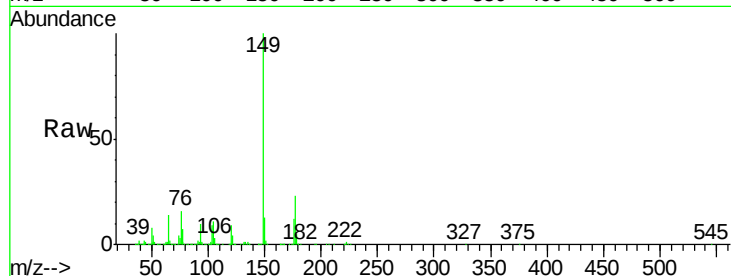




#59
Diethylphthalate
Concen: 29.741 ng
RT: 10.44 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

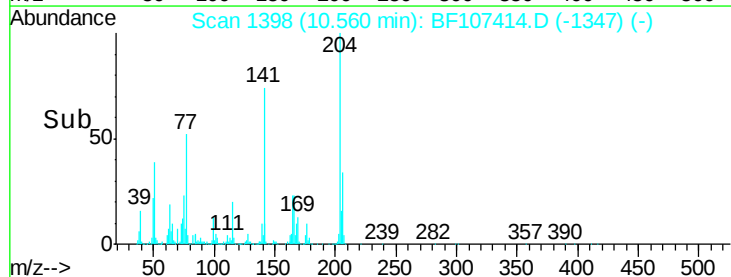
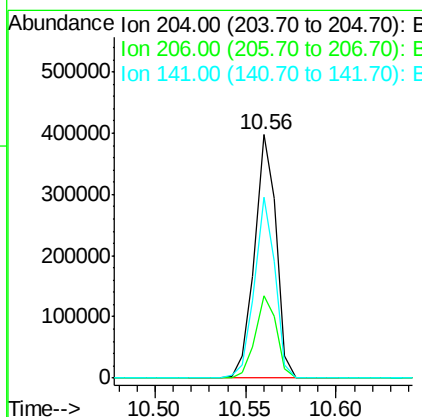
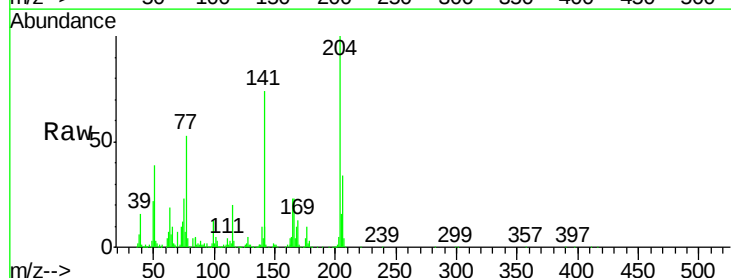
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

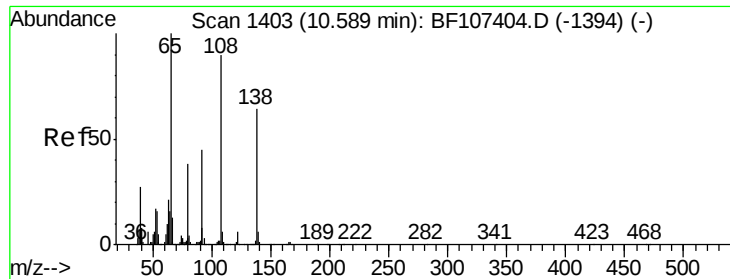
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.1	24.1
150	13.5	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 28.424 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	74.1	54.6	81.8

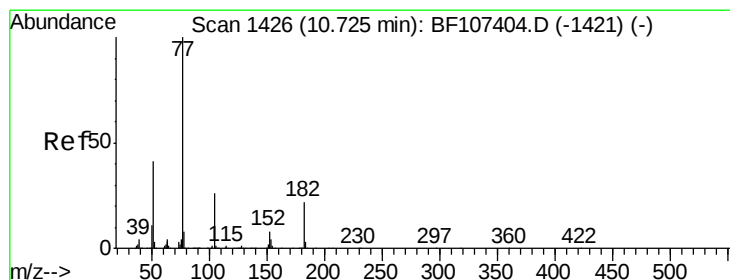
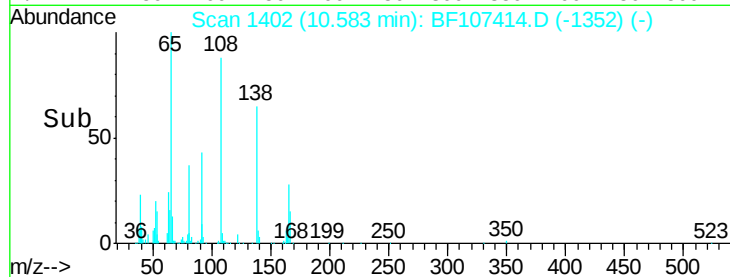
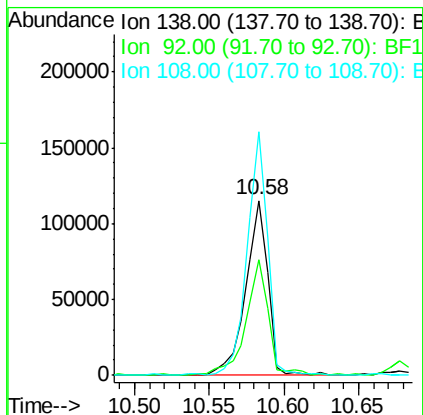
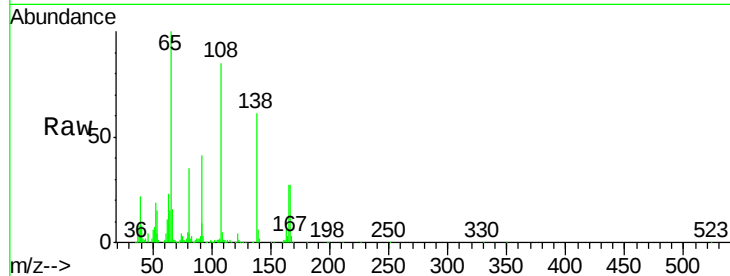




#61
4-Nitroaniline
Concen: 25.708 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

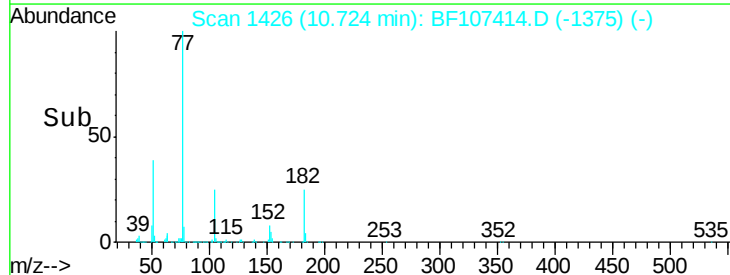
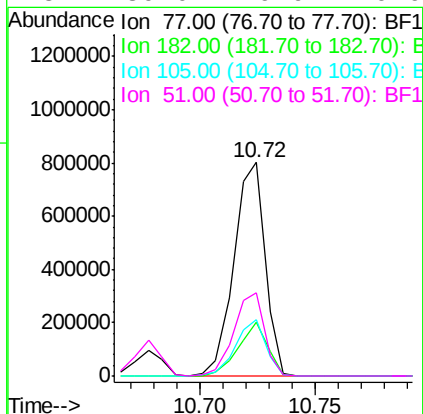
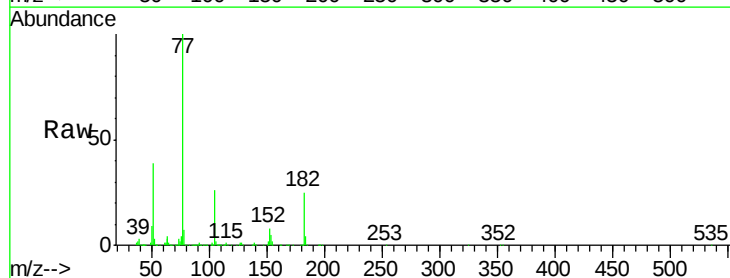
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

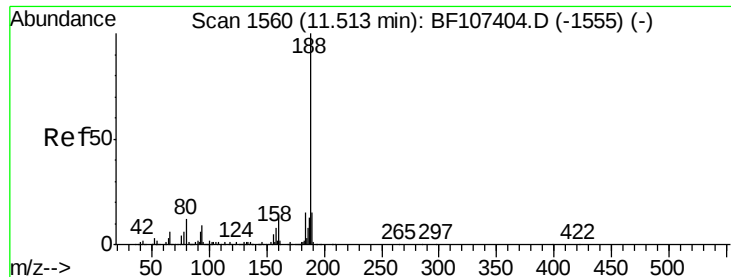
Tgt Ion:138 Resp: 117383
Ion Ratio Lower Upper
138 100
92 66.3 30.2 70.2
108 139.4 52.5 92.5#



#62
Azobenzene
Concen: 27.696 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion: 77 Resp: 756355
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 26.4 3.0 43.0
51 39.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

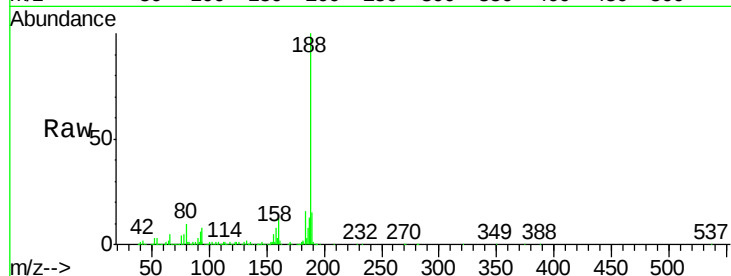
Tgt Ion:188 Resp: 550588

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

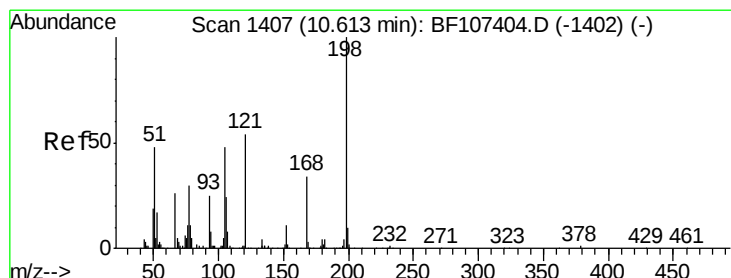
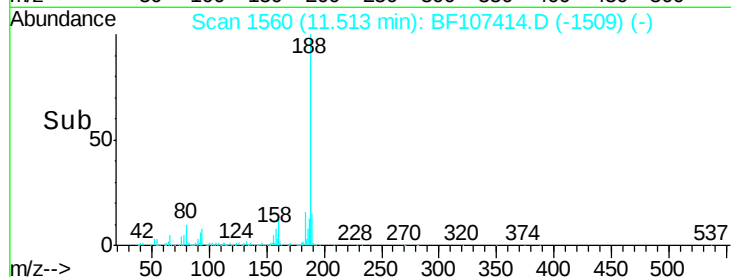
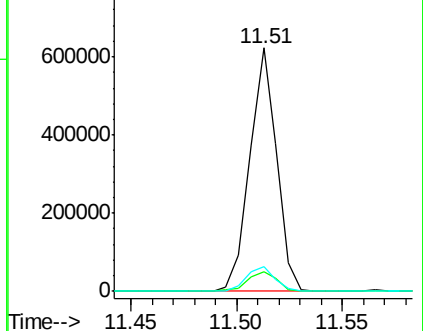
80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 37.886 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

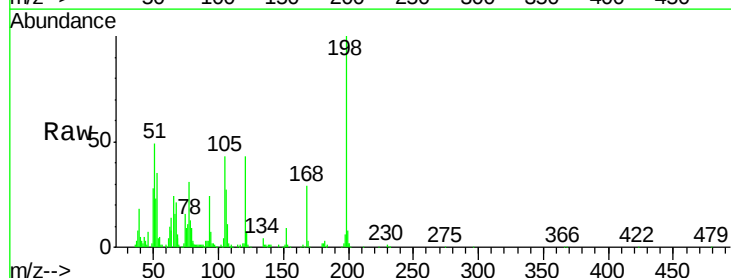
Tgt Ion:198 Resp: 106269

Ion Ratio Lower Upper

198 100

51 48.9 37.7 77.7

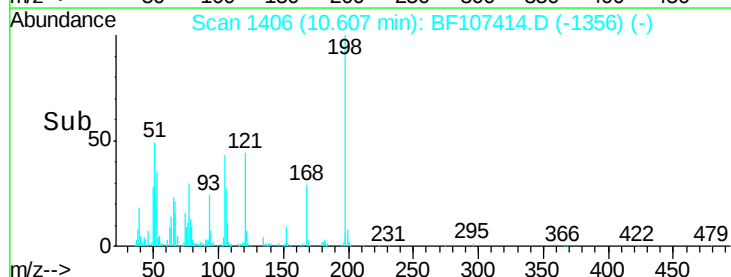
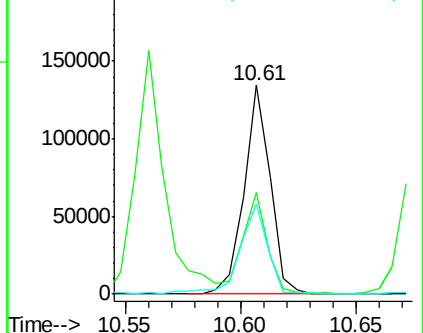
105 43.5 36.3 76.3

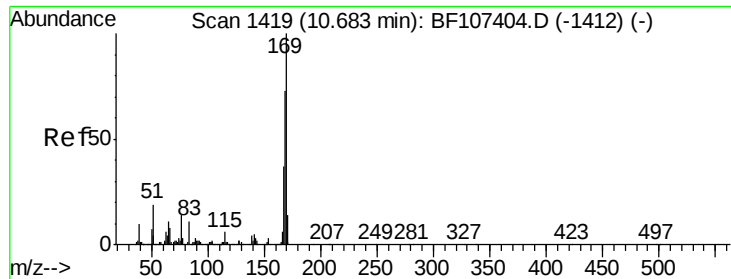


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

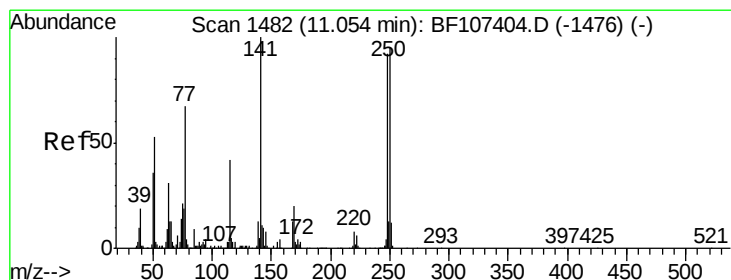
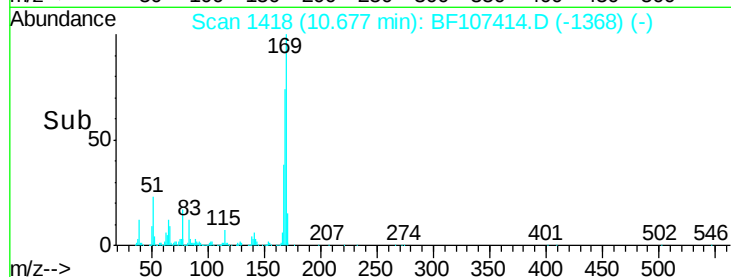
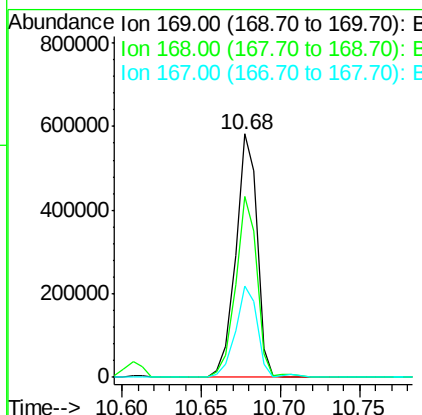
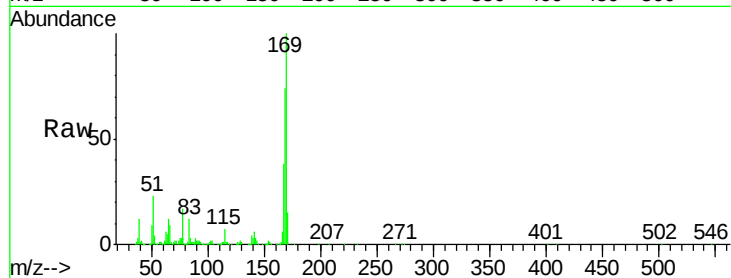




#65
n-Nitrosodiphenylamine
Concen: 31.185 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

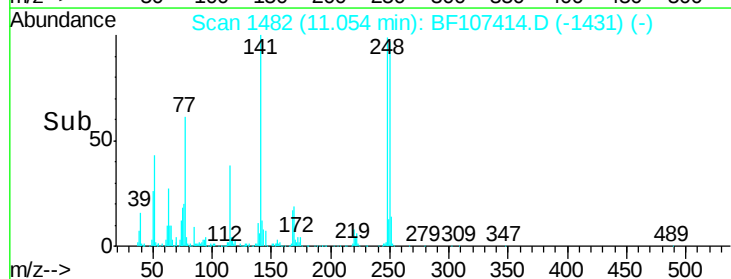
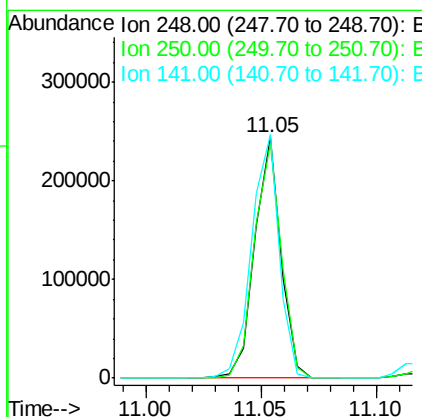
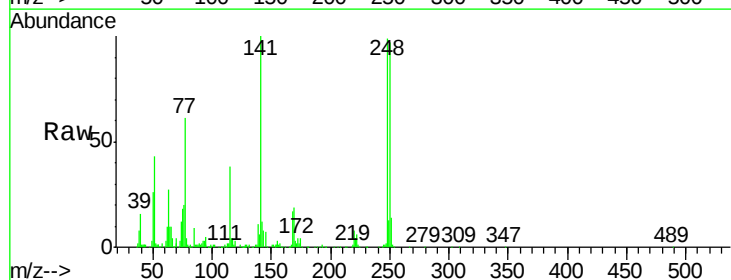
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

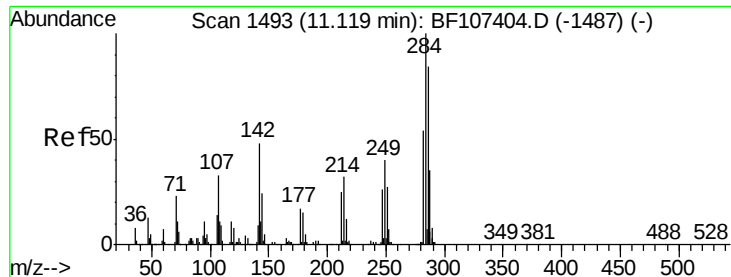
Tgt Ion:169 Resp: 542289
Ion Ratio Lower Upper
169 100
168 74.2 54.4 81.6
167 37.7 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 30.705 ng
RT: 11.05 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion:248 Resp: 193421
Ion Ratio Lower Upper
248 100
250 97.6 76.9 115.3
141 101.0 74.4 111.6

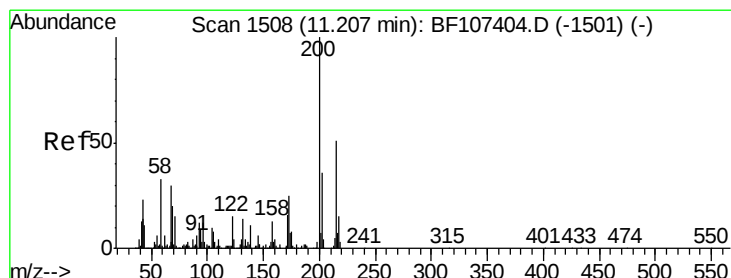
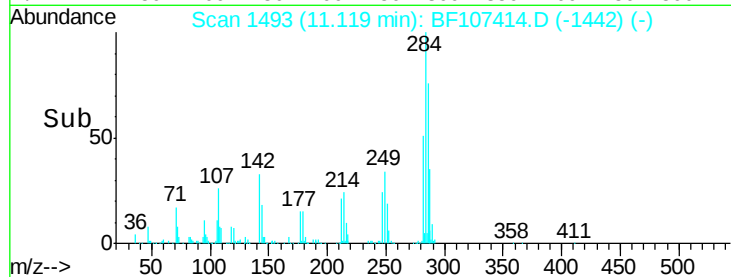
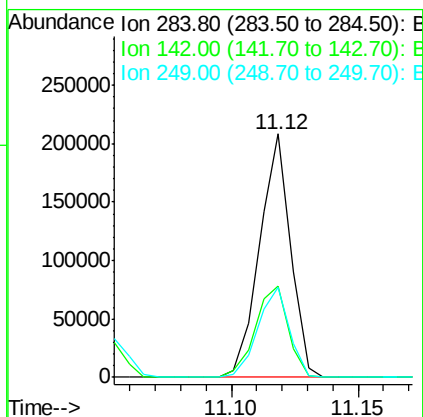
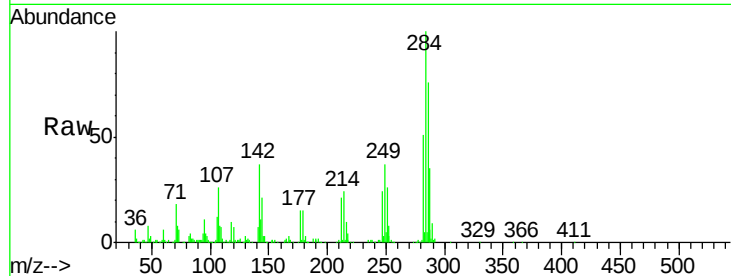




#67
Hexachlorobenzene
Concen: 30.252 ng
RT: 11.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

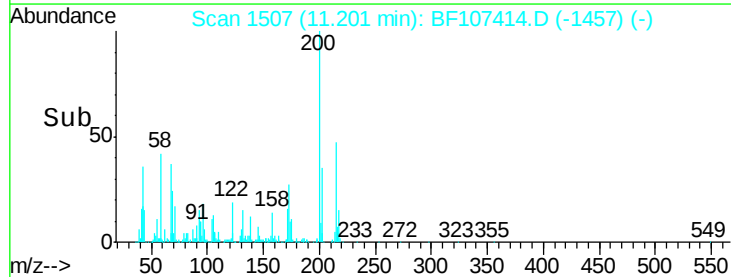
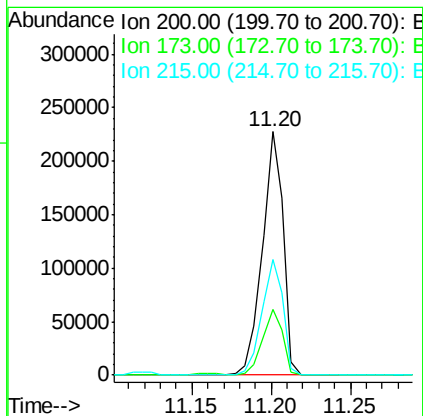
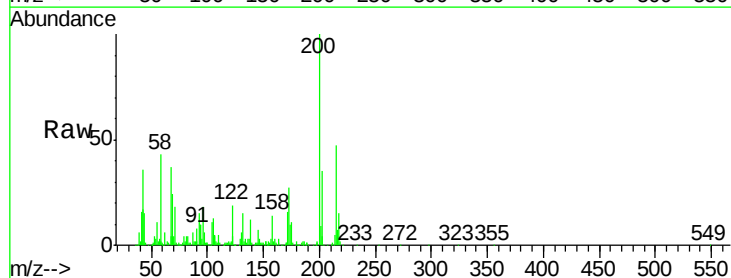
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

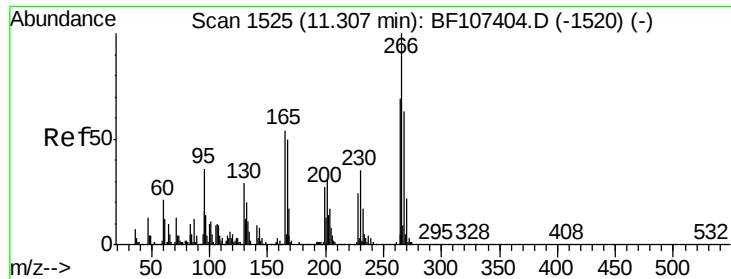
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	34.6	52.0
249	37.0	24.8	37.2



#68
Atrazine
Concen: 31.950 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.6	48.6
215	47.3	25.1	65.1





#69

Pentachlorophenol

Concen: 47.974 ng

RT: 11.31 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

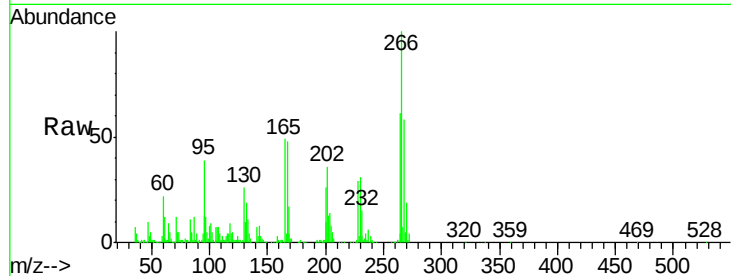
Tgt Ion:266 Resp: 206723

Ion Ratio Lower Upper

266 100

268 57.6 51.1 76.7

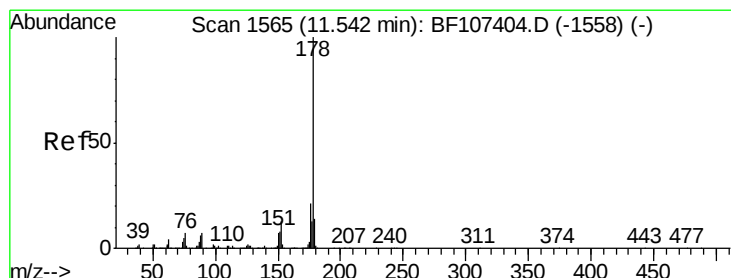
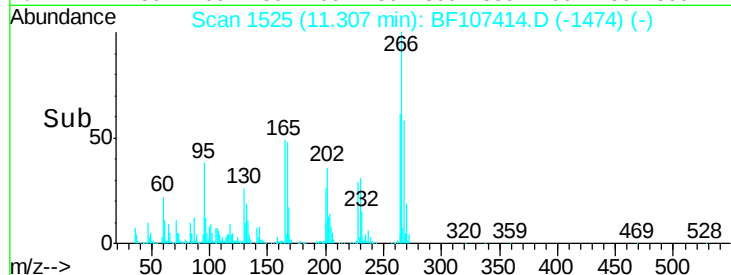
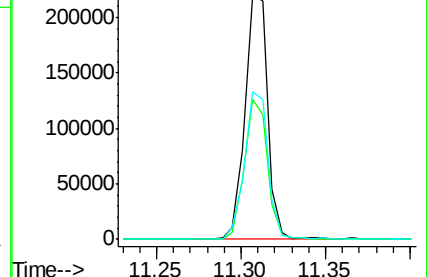
264 60.6 49.5 74.3



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: 30.116 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

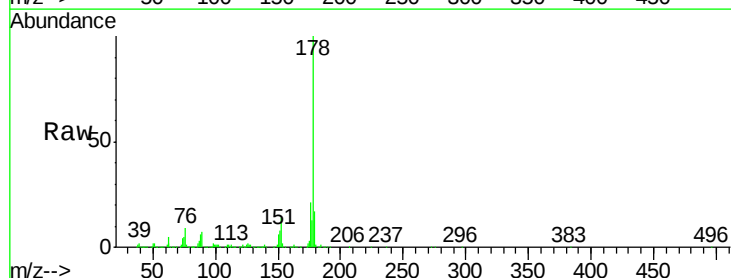
Tgt Ion:178 Resp: 826348

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

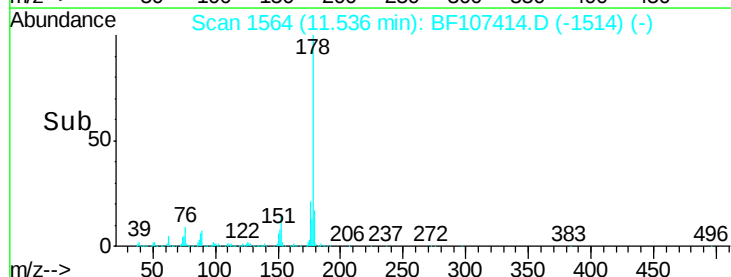
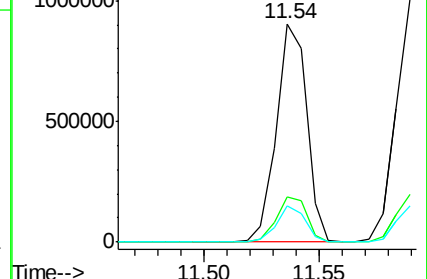
179 16.9 13.0 19.6

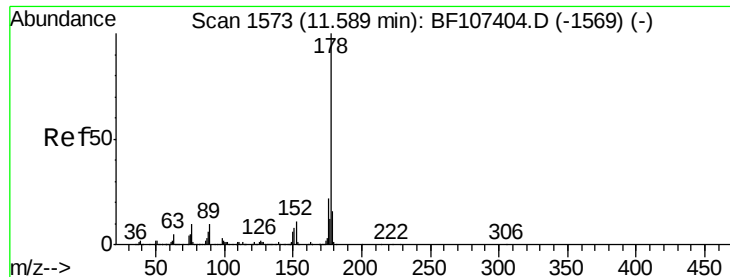


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

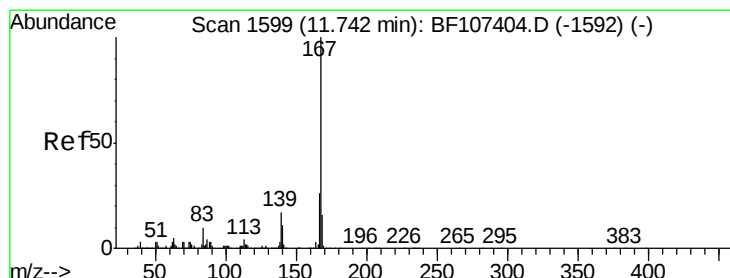
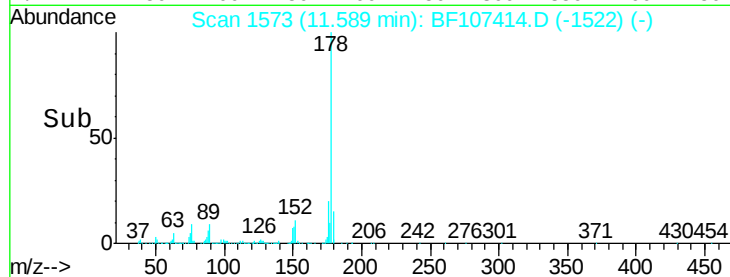
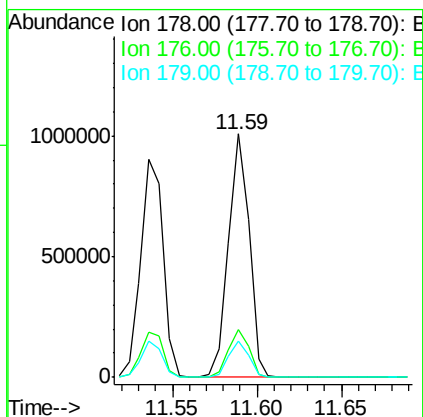
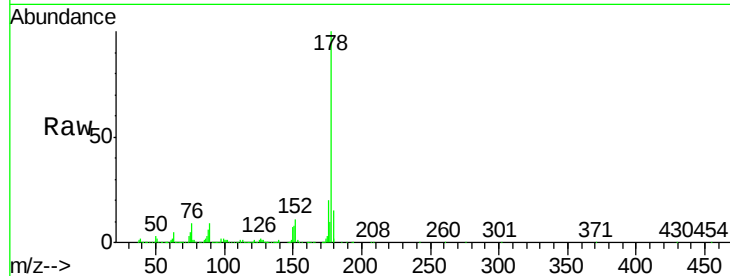




#71
 Anthracene
 Concen: 31.514 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

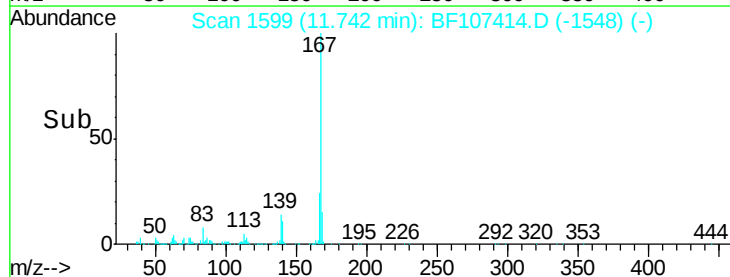
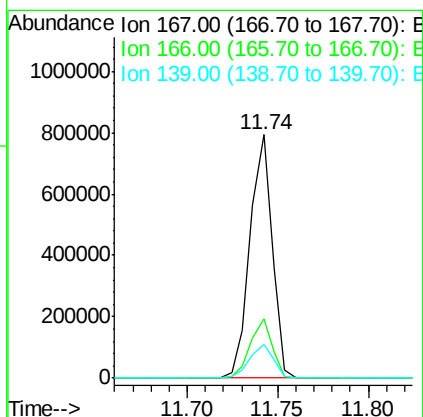
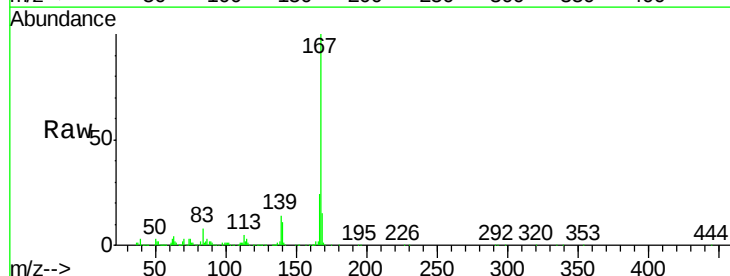
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

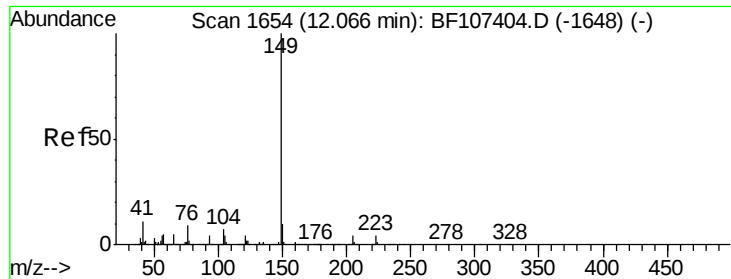
Tgt Ion:178 Resp: 861258
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 14.6 12.6 19.0



#72
 Carbazole
 Concen: 26.321 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Tgt Ion:167 Resp: 681025
 Ion Ratio Lower Upper
 167 100
 166 24.1 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.069 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

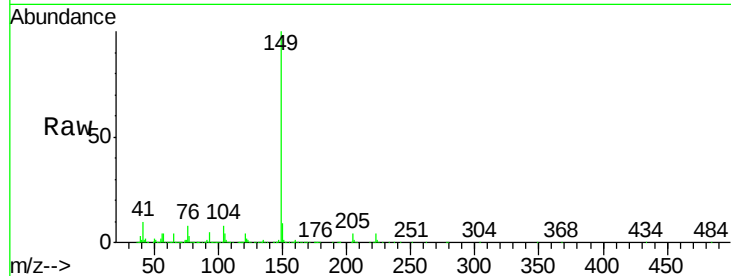
Tgt Ion:149 Resp: 953560

Ion Ratio Lower Upper

149 100

150 8.7 7.8 11.6

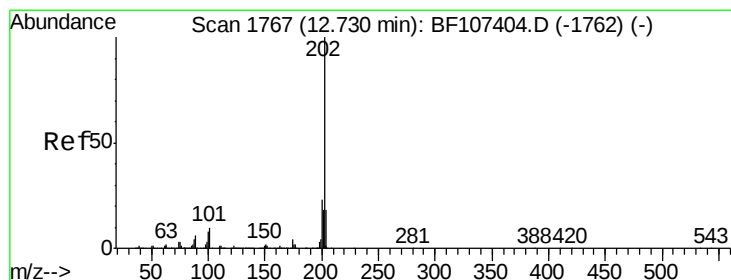
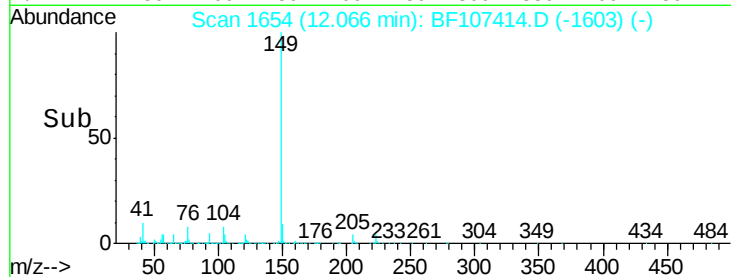
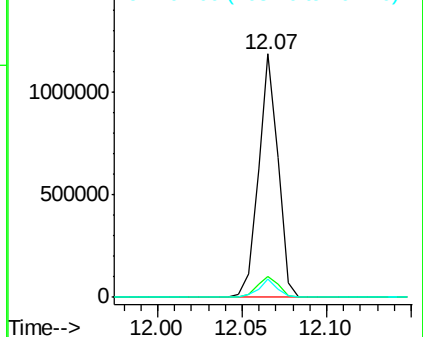
104 7.6 3.8 5.8#



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: 26.773 ng

RT: 12.73 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

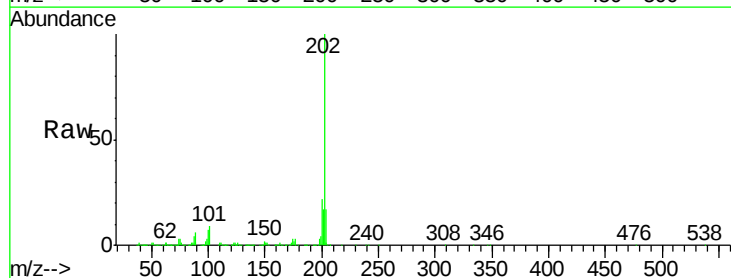
Tgt Ion:202 Resp: 834973

Ion Ratio Lower Upper

202 100

101 8.6 0.0 34.1

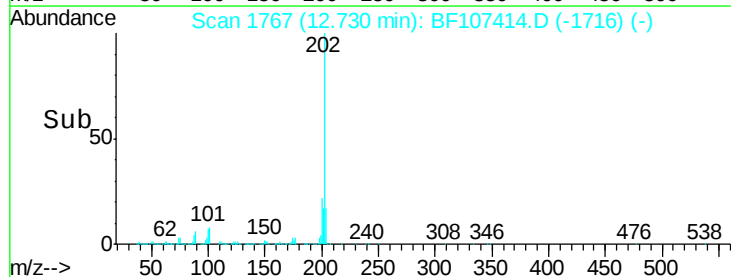
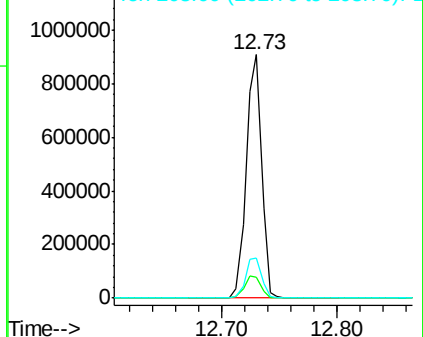
203 16.7 0.0 38.1

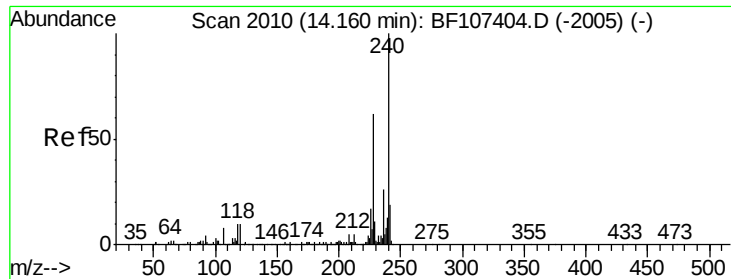


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

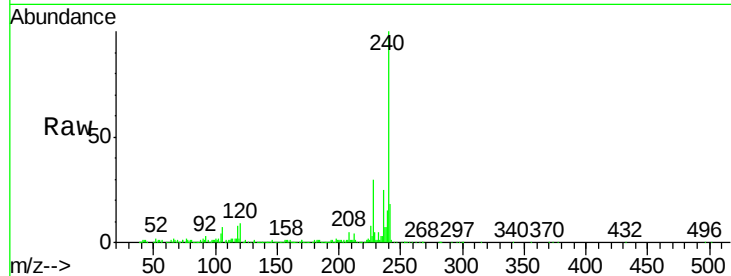
Tgt Ion:240 Resp: 402307

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

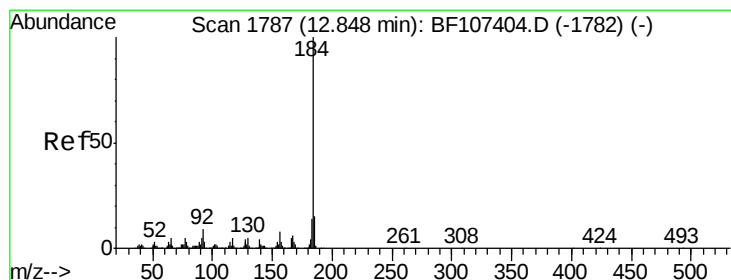
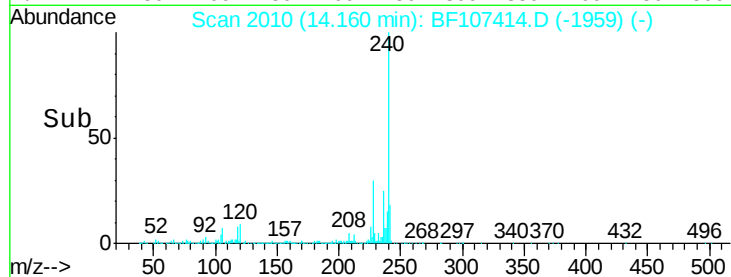
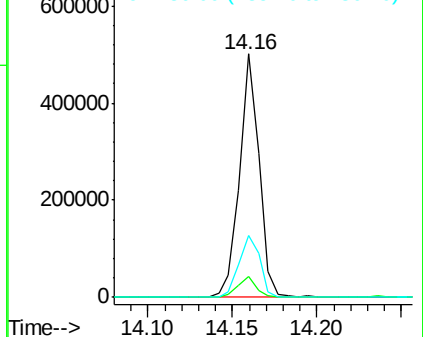
236 25.3 20.7 31.1



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: 17.157 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

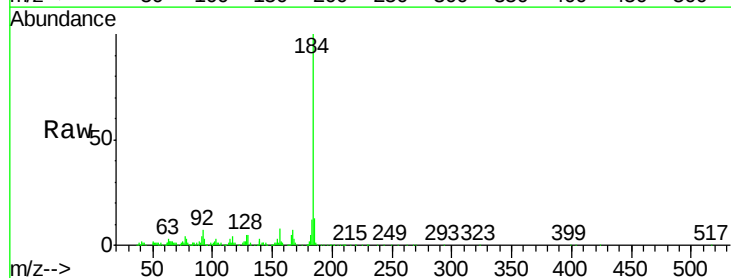
Tgt Ion:184 Resp: 267884

Ion Ratio Lower Upper

184 100

185 13.3 12.6 18.8

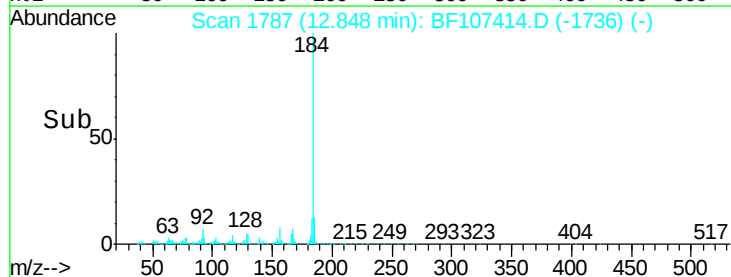
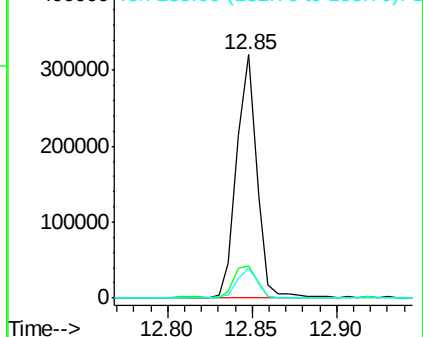
183 12.3 9.3 13.9

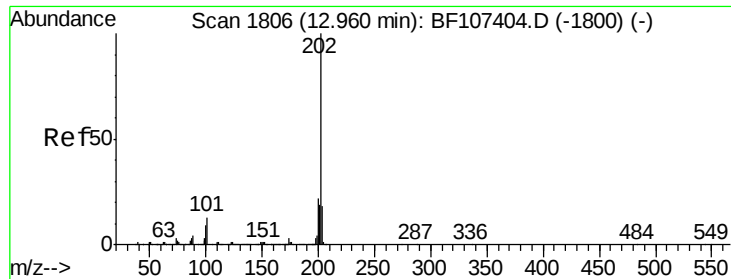


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 29.109 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

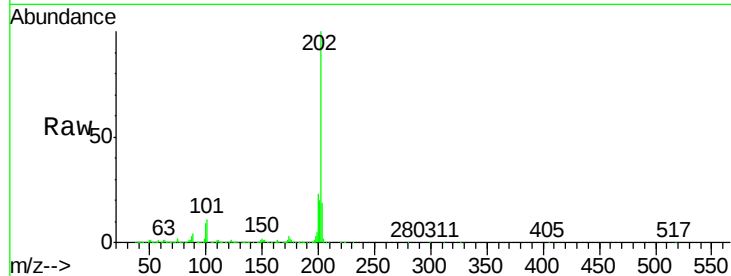
Tgt Ion:202 Resp: 796349

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

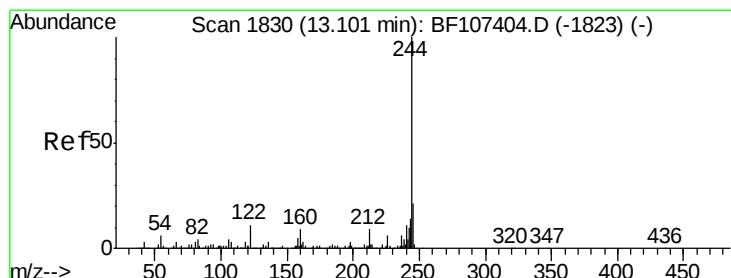
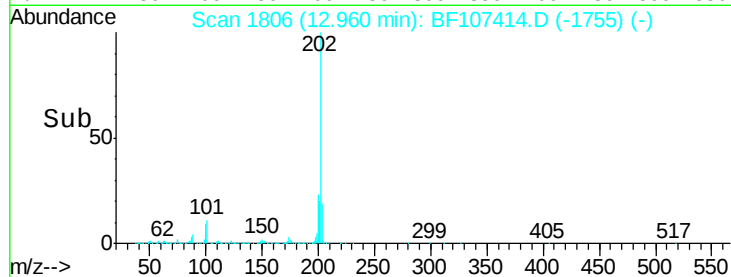
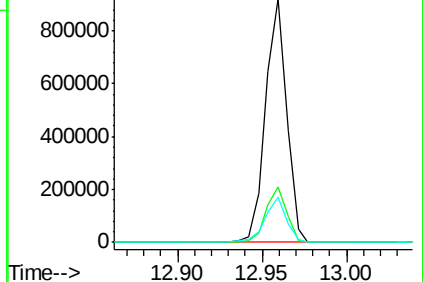
203 18.6 14.3 21.5



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: 61.556 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

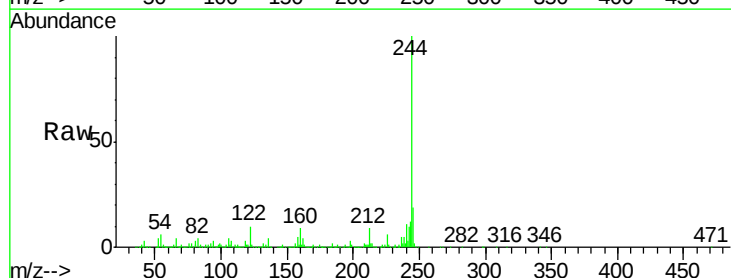
Tgt Ion:244 Resp: 996730

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

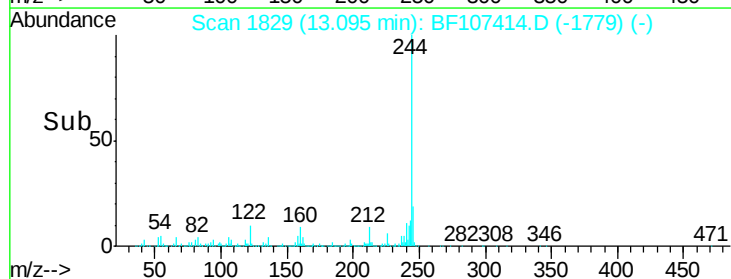
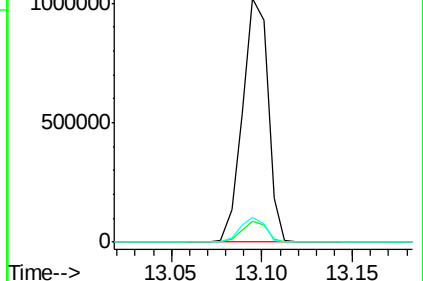
122 10.3 11.0 16.4#

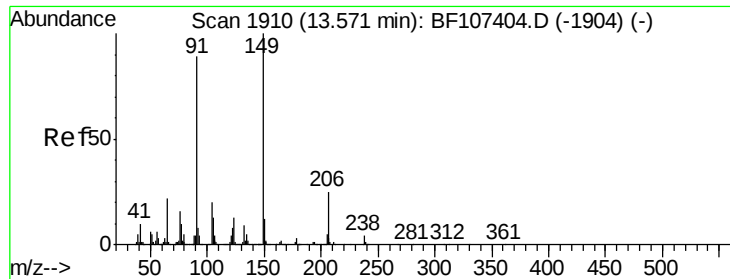


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

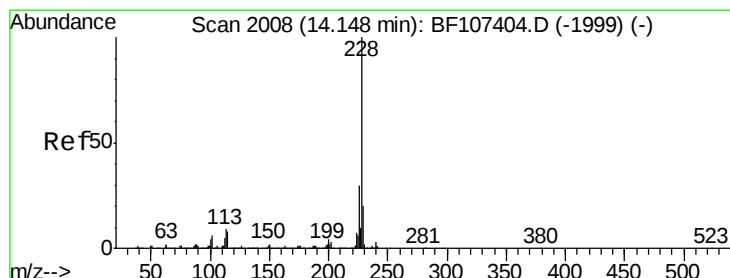
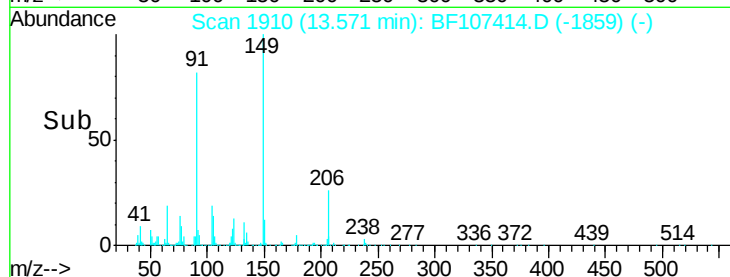
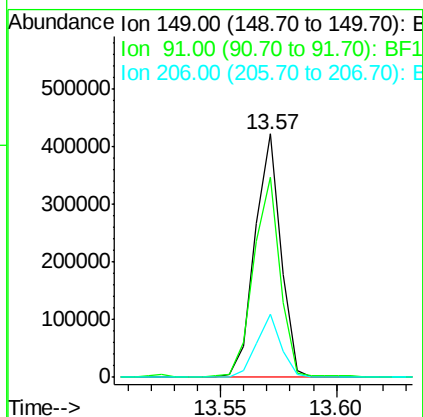
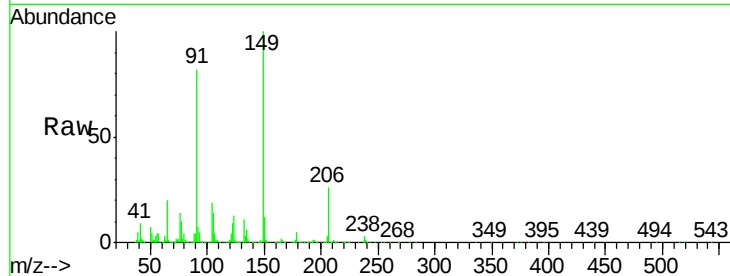




#79
Butylbenzylphthalate
Concen: 33.320 ng
RT: 13.57 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

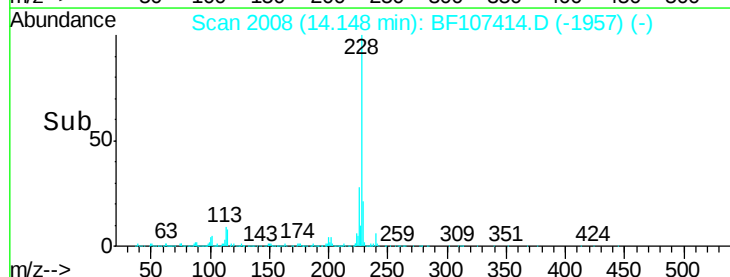
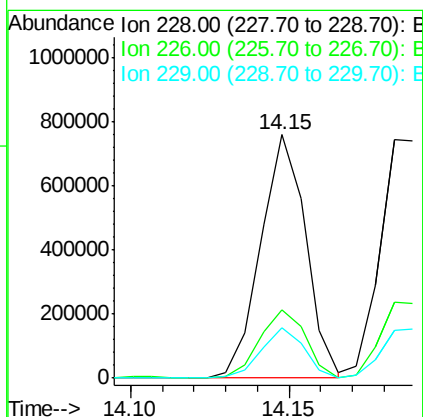
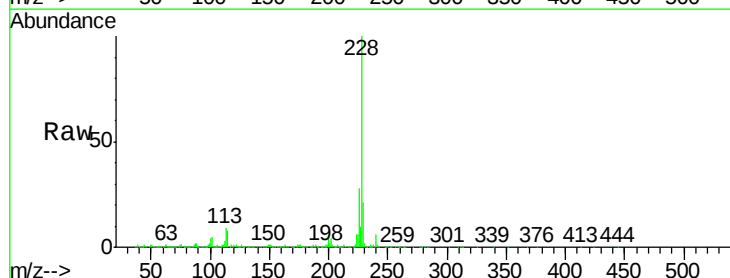
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

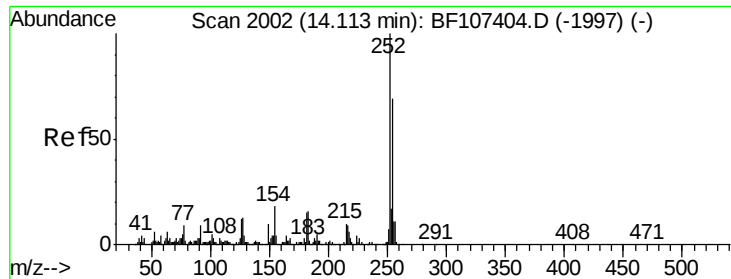
Tgt Ion:149 Resp: 332038
Ion Ratio Lower Upper
149 100
91 82.4 56.8 85.2
206 26.2 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 30.474 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion:228 Resp: 750130
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.8 15.8 23.6

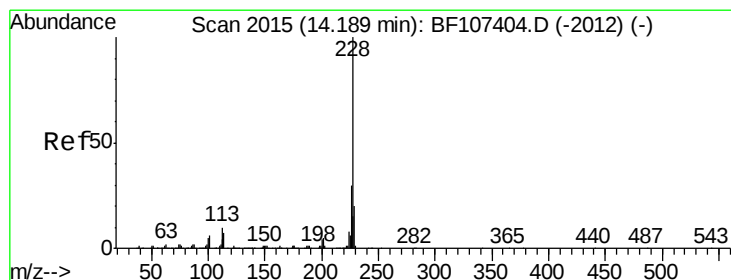
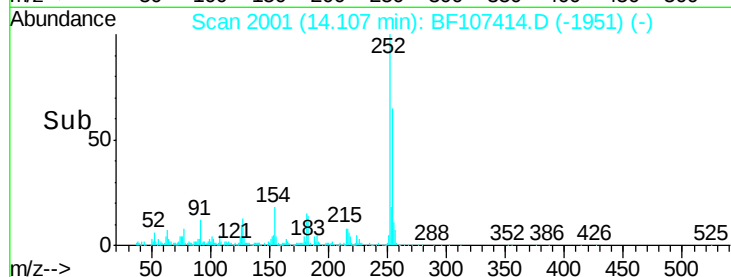
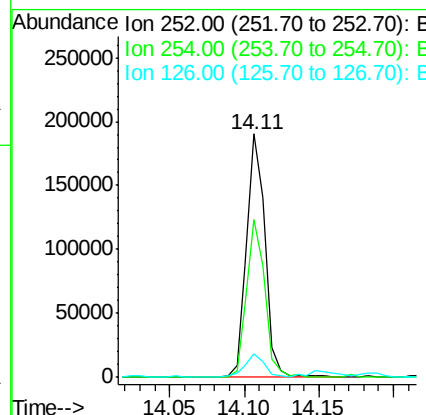
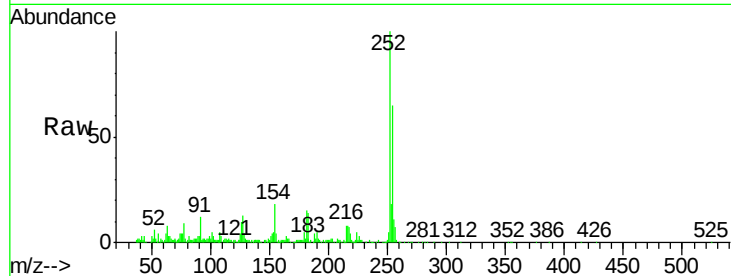




#81
 3,3'-Dichlorobenzidine
 Concen: 19.856 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

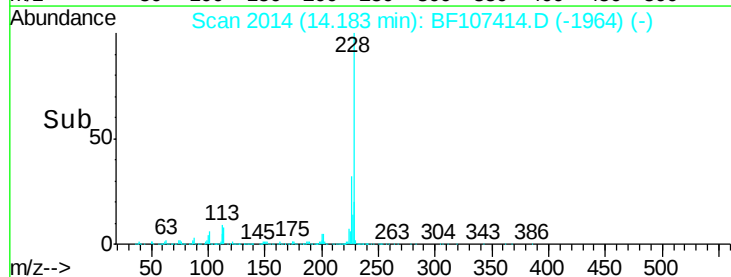
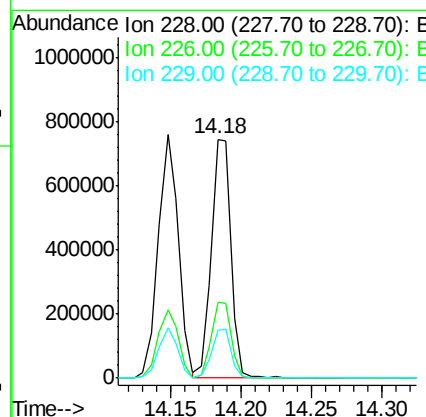
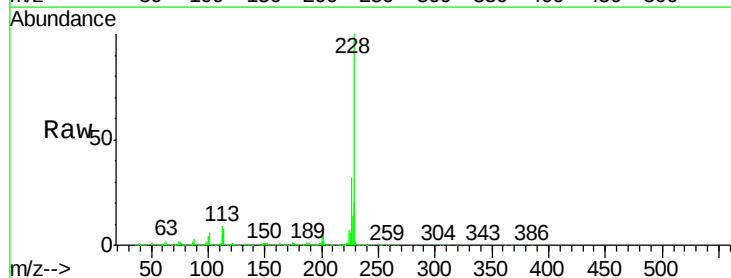
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

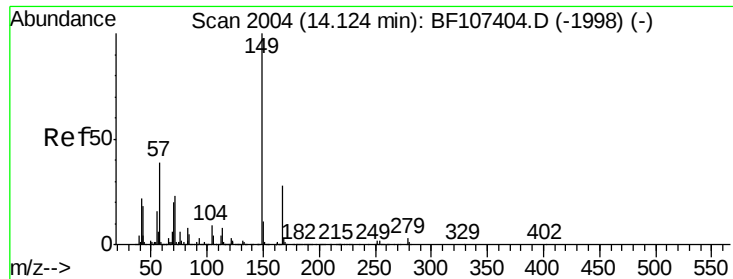
Tgt Ion:252 Resp: 163923
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 9.8 11.3 16.9#



#82
 Chrysene
 Concen: 30.506 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Tgt Ion:228 Resp: 717314
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 20.0 16.2 24.4

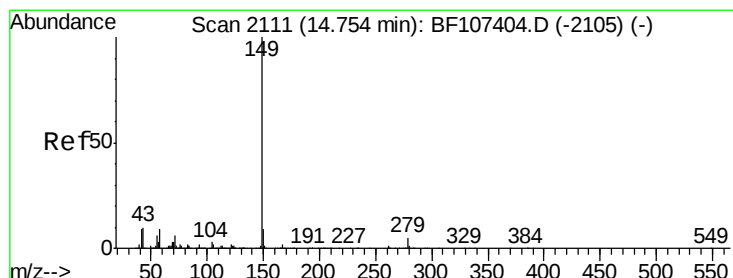
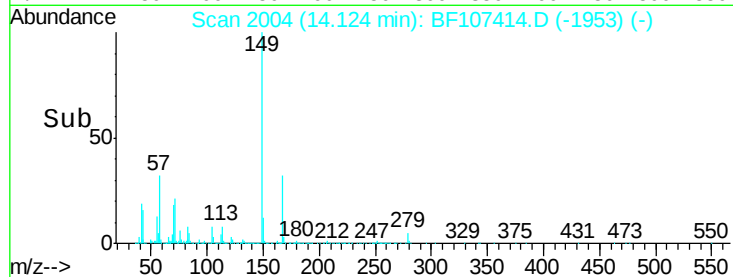
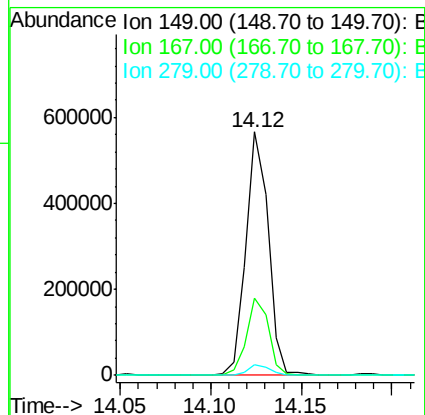
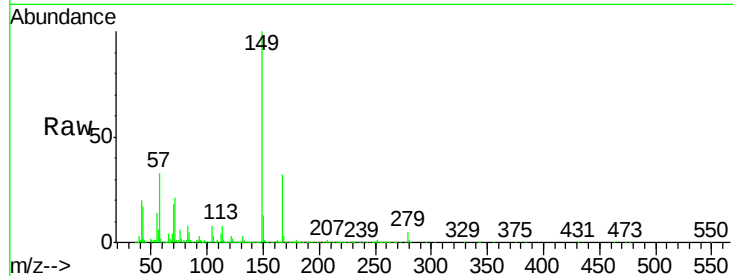




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.904 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

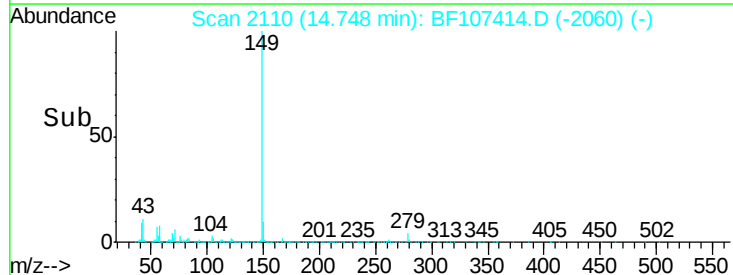
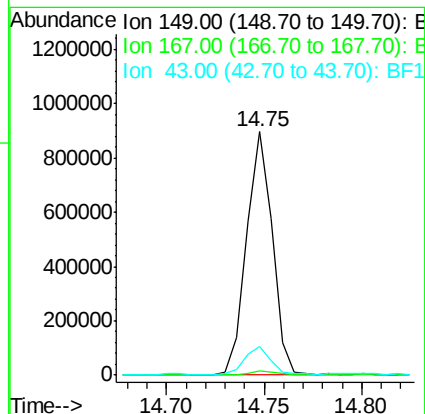
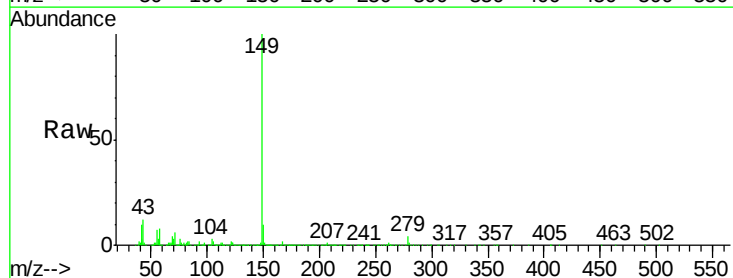
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-033MSD

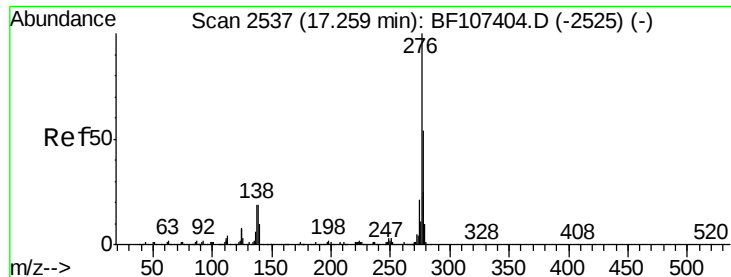
Tgt Ion:149 Resp: 484147
 Ion Ratio Lower Upper
 149 100
 167 31.8 21.3 31.9
 279 4.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 37.043 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BF107414.D
 Acq: 16 Jul 2018 20:39

Tgt Ion:149 Resp: 822293
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.2 1.8#
 43 11.2 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.743 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

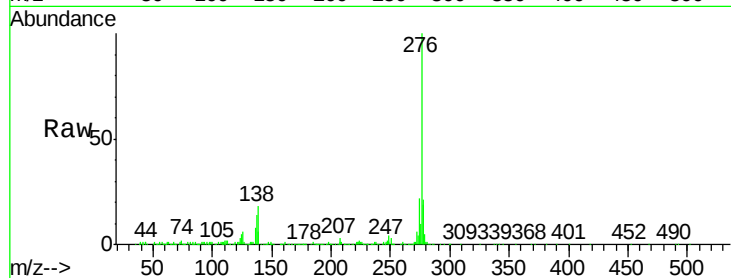
Tgt Ion:276 Resp: 782354

Ion Ratio Lower Upper

276 100

138 21.0 25.0 37.6#

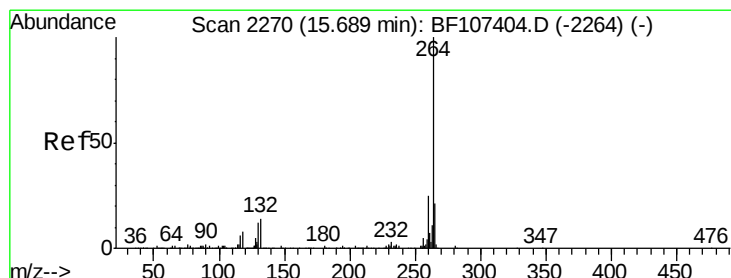
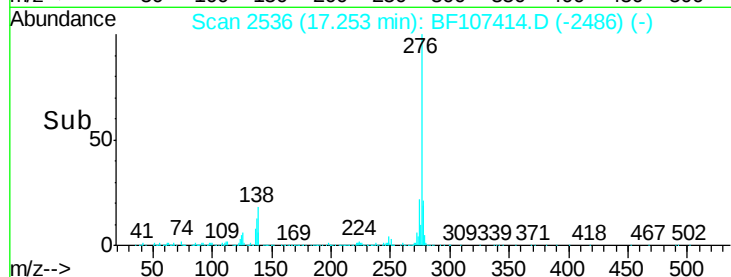
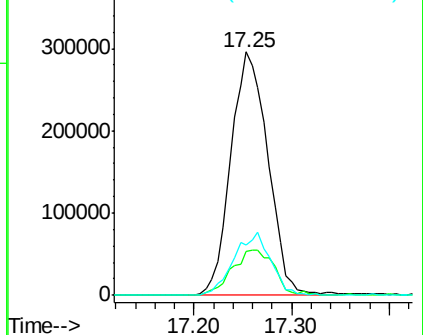
277 25.9 20.1 30.1



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: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

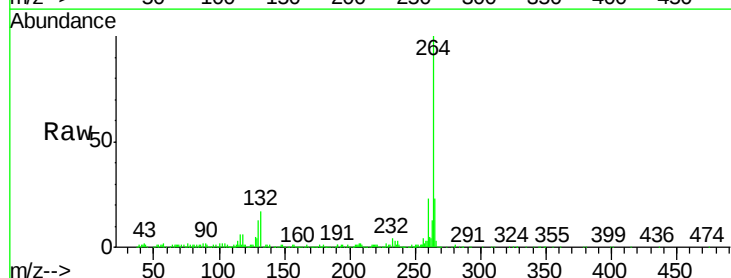
Tgt Ion:264 Resp: 440867

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

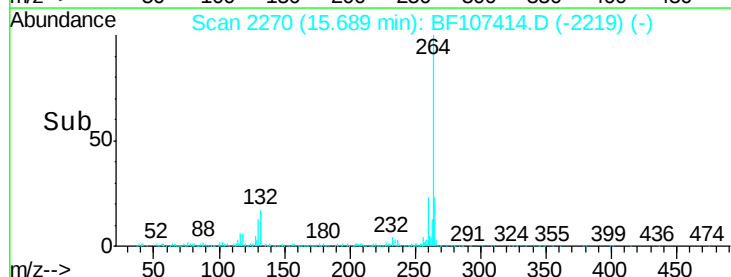
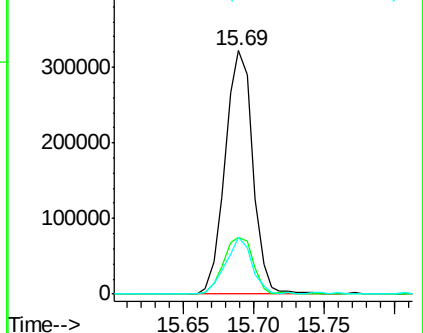
265 23.4 17.5 26.3

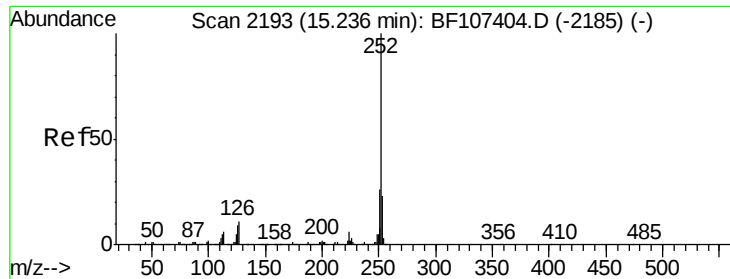


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

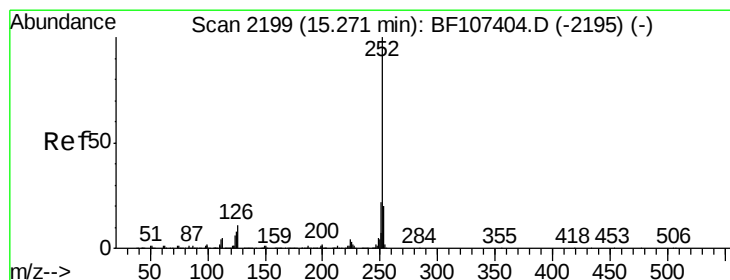
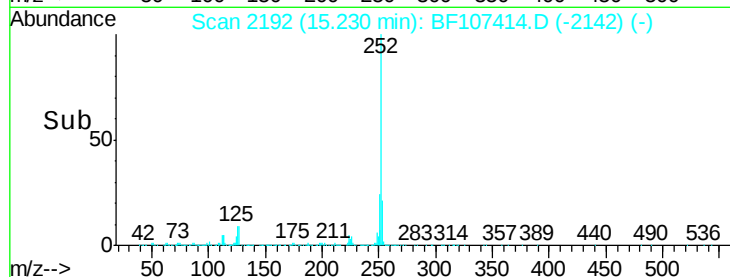
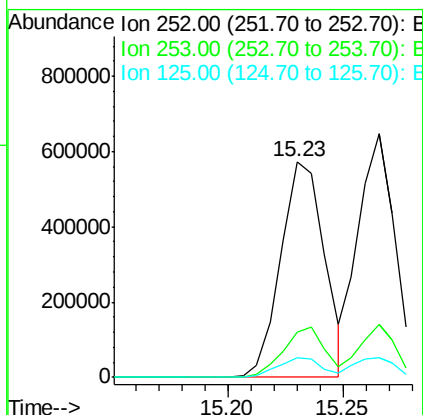
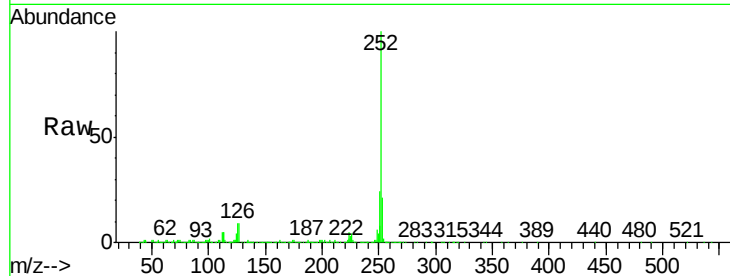




#87
Benzo(b)fluoranthene
Concen: 29.183 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

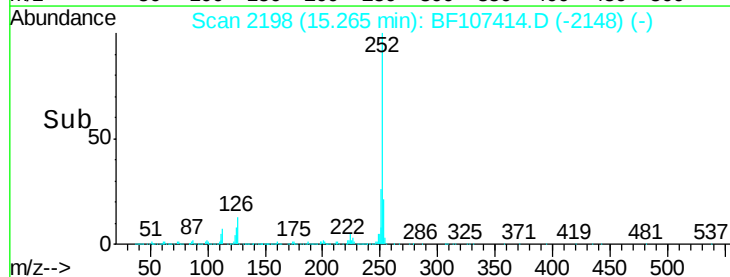
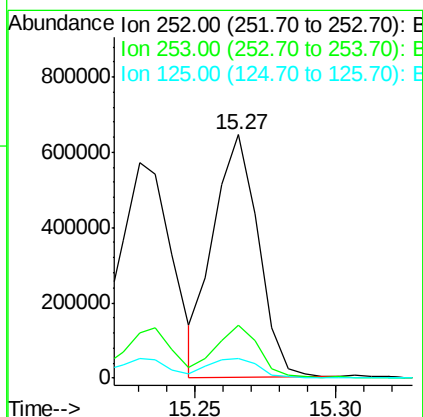
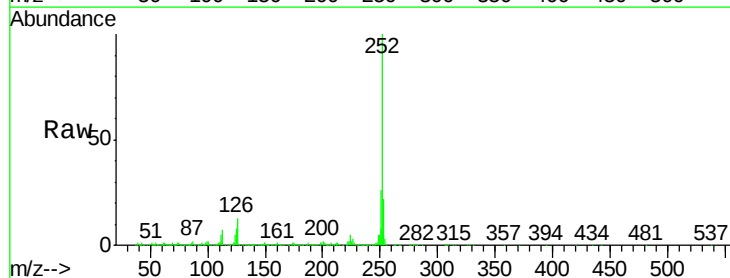
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MSD

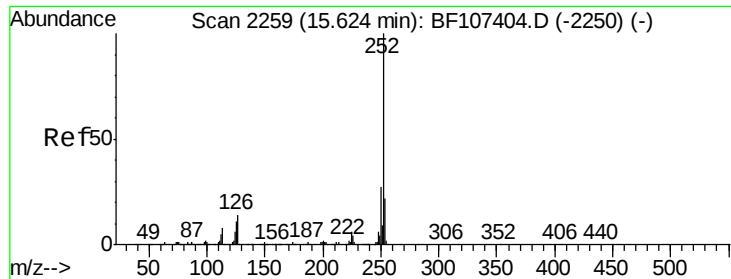
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.6
125	8.8	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 28.206 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107414.D
Acq: 16 Jul 2018 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	7.8	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 30.292 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

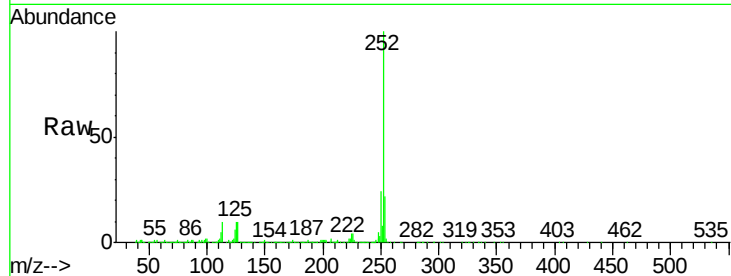
Tgt Ion:252 Resp: 717445

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

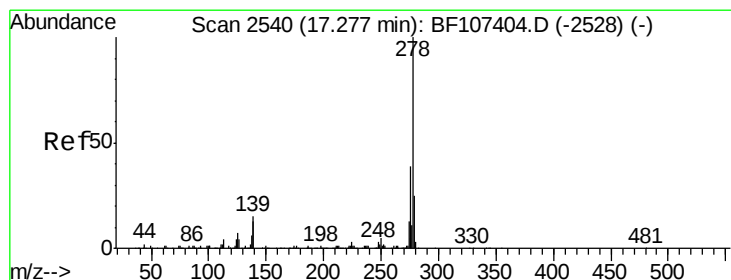
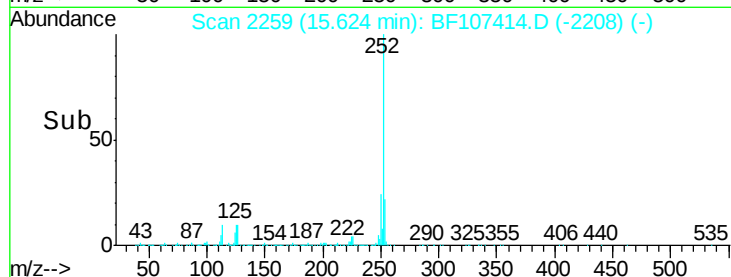
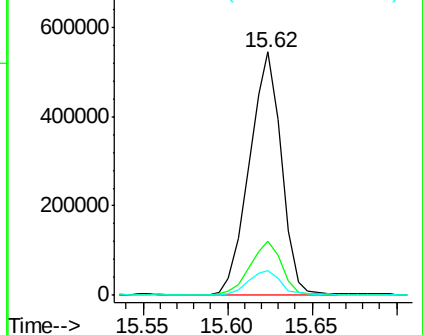
125 10.1 9.8 14.6



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: 34.388 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

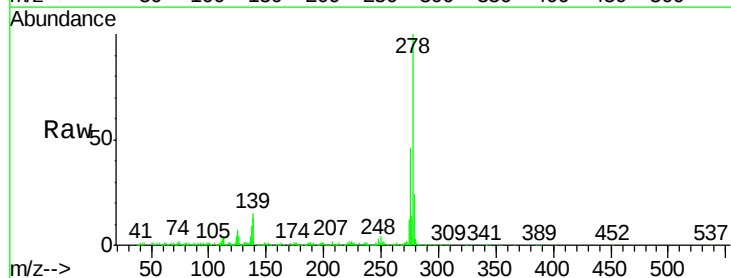
Tgt Ion:278 Resp: 614686

Ion Ratio Lower Upper

278 100

139 15.2 15.9 23.9#

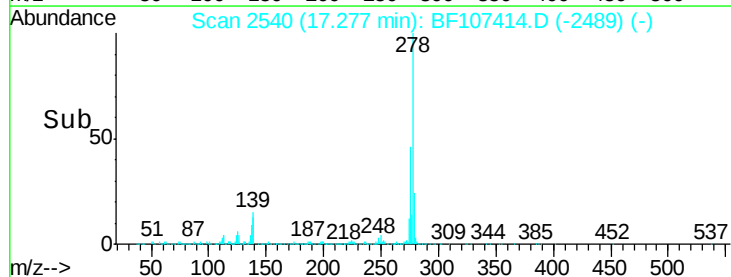
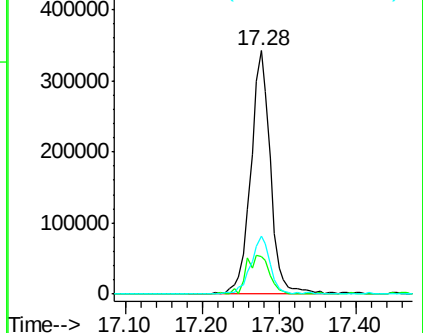
279 23.7 19.0 28.4

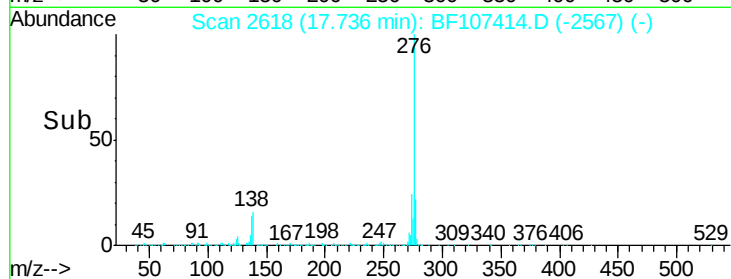
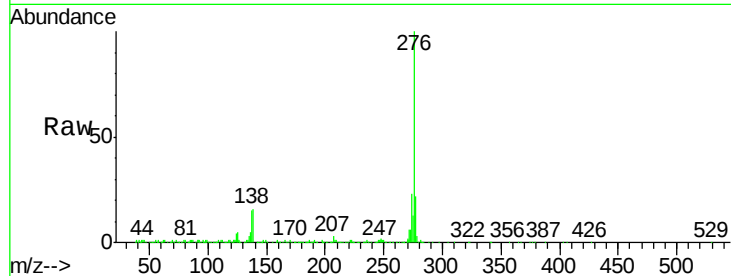
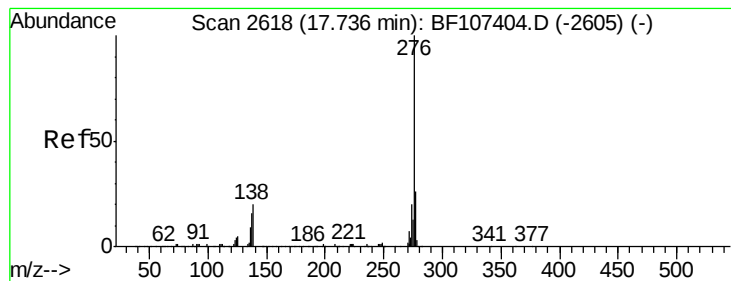


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.328 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BF107414.D

Acq: 16 Jul 2018 20:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-033MSD

Tgt Ion: 276 Resp: 641669

Ion Ratio Lower Upper

276 100

277 21.7 17.9 26.9

138 16.1 21.8 32.8#

