

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077857.D
 Acq On : 20 Mar 2015 5:45
 Operator : TP/IZ
 Sample : G1557-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

Quant Time: Mar 20 07:07:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	43787	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	176413	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	89202	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	177358	20.00	ng	0.00
75) Chrysene-d12	16.02	240	179665	20.00	ng	-0.01
86) Perylene-d12	17.76	264	179897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	390469	155.66	ng	0.01
7) Phenol-d6	6.74	99	513446	165.66	ng	0.01
23) Nitrobenzene-d5	7.85	82	279296	103.78	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	122001	142.95	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	594117	97.88	ng	0.00
78) Terphenyl-d14	14.74	244	703578	95.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	41413	36.36	ng	# 100
3) Pyridine	2.74	79	106365	34.76	ng	97
4) n-Nitrosodimethylamine	2.66	42	61396	46.08	ng	87
6) Aniline	6.74	93	55274	12.47	ng	# 14
8) 2-Chlorophenol	6.89	128	146216	48.97	ng	97
9) Benzaldehyde	6.60	77	9888	7.79	ng	94
10) Phenol	6.75	94	178603	48.75	ng	78
11) bis(2-Chloroethyl)ether	6.85	93	134056	48.85	ng	98
12) 1,3-Dichlorobenzene	7.07	146	145993m	43.96	ng	
13) 1,4-Dichlorobenzene	7.17	146	150133	43.51	ng	98
14) 1,2-Dichlorobenzene	7.36	146	145391	45.96	ng	96
15) Benzyl Alcohol	7.34	79	117803	48.69	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.52	45	169489	45.83	ng	97
17) 2-Methylphenol	7.49	107	112476	46.27	ng	96
18) Hexachloroethane	7.77	117	50133	44.30	ng	91
19) n-Nitroso-di-n-propylamine	7.68	70	98317	45.86	ng	98
20) 3+4-Methylphenols	7.69	107	151934	47.63	ng	94
22) Acetophenone	7.66	105	198530	50.84	ng	# 95
24) Nitrobenzene	7.87	77	146250	50.44	ng	94
25) Isophorone	8.17	82	251220	46.22	ng	# 91
26) 2-Nitrophenol	8.27	139	70693	49.80	ng	90
27) 2,4-Dimethylphenol	8.34	122	129623	50.13	ng	98
28) bis(2-Chloroethoxy)methane	8.45	93	165550	50.18	ng	98
29) 2,4-Dichlorophenol	8.57	162	125119	50.76	ng	99
30) 1,2,4-Trichlorobenzene	8.66	180	126559	45.89	ng	96
31) Naphthalene	8.75	128	409559	45.20	ng	99
32) Benzoic acid	8.46	122	74970	51.72	ng	97
33) 4-Chloroaniline	8.84	127	47498	12.92	ng	99
34) Hexachlorobutadiene	8.91	225	71499	45.74	ng	97
35) Caprolactam	9.28	113	37775	52.44	ng	# 82
36) 4-Chloro-3-methylphenol	9.46	107	121888	49.15	ng	98
37) 2-Methylnaphthalene	9.62	142	286177	47.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	121699	45.74	ng	# 100
40) Hexachlorocyclopentadiene	9.80	237	112565	84.34	ng	99

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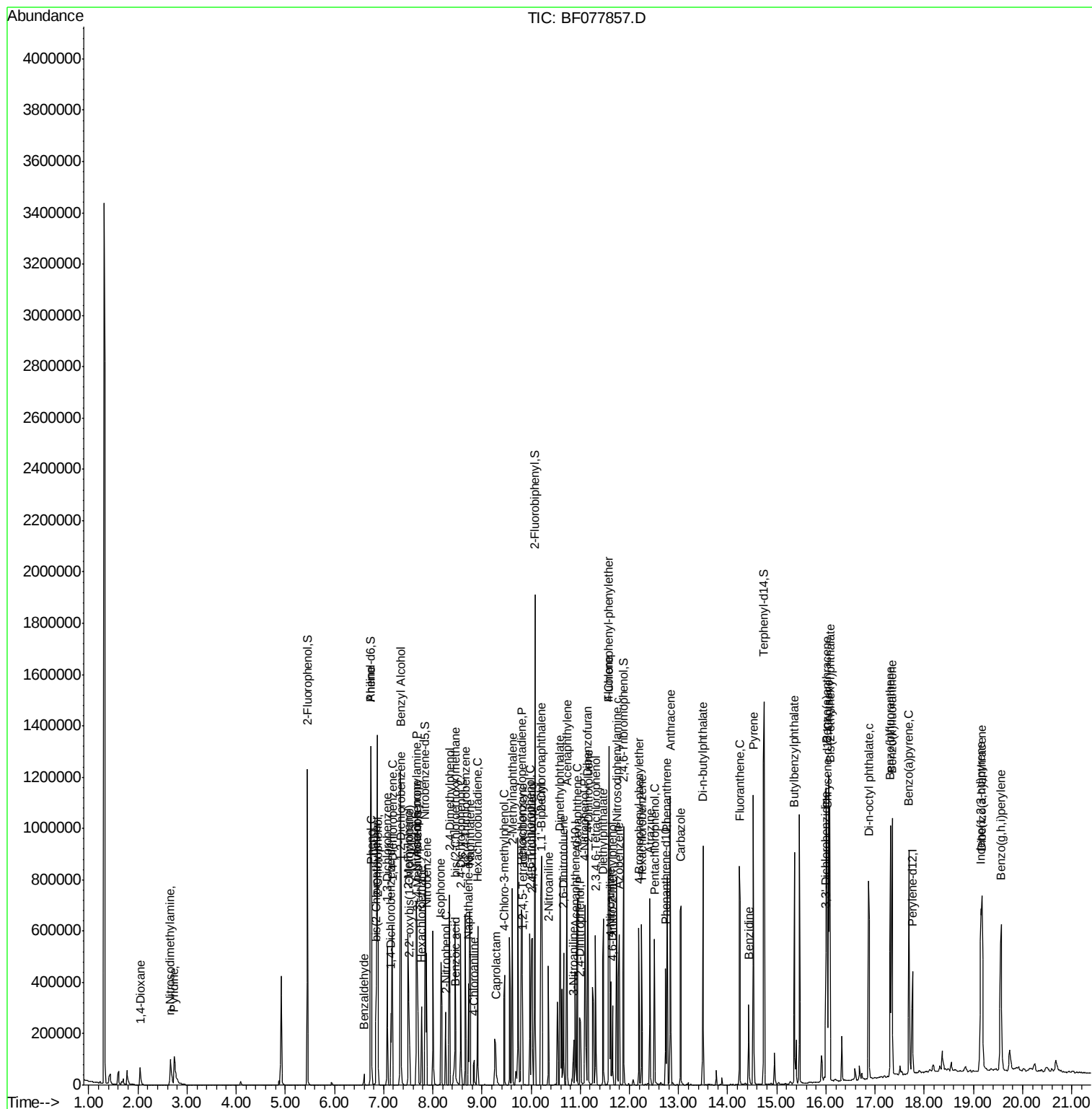
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

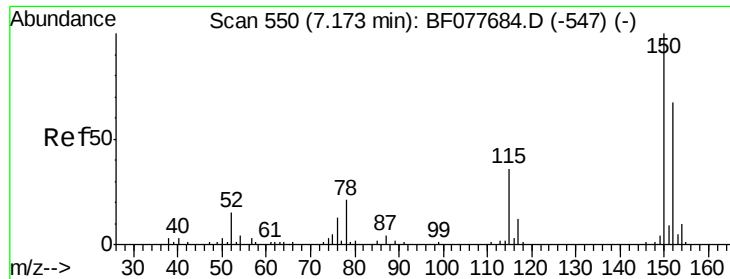
42) 2,4,6-Trichlorophenol	9.97	196	87882	47.69	nq	98
43) 2,4,5-Trichlorophenol	10.02	196	90876	45.64	nq #	87
45) 1,1'-Biphenyl	10.20	154	333556	46.78	nq	98
46) 2-Chloronaphthalene	10.21	162	266541	46.00	nq #	93
47) 2-Nitroaniline	10.35	65	73244	50.89	nq	92
48) Acenaphthylene	10.73	152	432574	44.89	nq	99
49) Dimethylphthalate	10.59	163	337362	50.99	nq	100
50) 2,6-Dinitrotoluene	10.66	165	66355	48.38	nq	94
51) Acenaphthene	10.95	154	245698	44.47	nq	99
52) 3-Nitroaniline	10.87	138	32594	20.46	nq	100
53) 2,4-Dinitrophenol	11.00	184	55754	107.57	nq #	65
54) Dibenzofuran	11.15	168	388567	47.42	nq	92
55) 4-Nitrophenol	11.09	139	109043	92.42	nq #	76
56) 2,4-Dinitrotoluene	11.16	165	92746	51.86	nq #	60
57) Fluorene	11.59	166	313847	46.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	75259	49.09	nq #	100
59) Diethylphthalate	11.47	149	315944	49.01	nq	99
60) 4-Chlorophenyl-phenylether	11.59	204	142134	45.77	nq #	84
61) 4-Nitroaniline	11.62	138	70520	44.43	nq	84
62) Azobenzene	11.79	77	295417	47.95	nq	94
64) 4,6-Dinitro-2-methylphenol	11.65	198	39721	47.48	nq	97
65) n-Nitrosodiphenylamine	11.75	169	278264	47.12	nq	99
66) 4-Bromophenyl-phenylether	12.19	248	85587	45.22	nq #	81
67) Hexachlorobenzene	12.25	284	89898	43.23	nq #	77
68) Atrazine	12.42	200	90122	54.45	nq	95
69) Pentachlorophenol	12.51	266	97566	89.20	nq	99
70) Phenanthrene	12.76	178	464019	45.57	nq	99
71) Anthracene	12.83	178	460019	45.73	nq	100
72) Carbazole	13.05	167	453311	47.37	nq	97
73) Di-n-butylphthalate	13.49	149	504093	46.98	nq	100
74) Fluoranthene	14.24	202	510655	45.47	nq	93
76) Benzidine	14.43	184	150058	33.69	nq	100
77) Pyrene	14.52	202	519157	45.95	nq	100
79) Butylbenzylphthalate	15.36	149	228857	51.38	nq	95
80) Benzo(a)anthracene	16.01	228	490788	46.08	nq	100
81) 3,3'-Dichlorobenzidine	16.00	252	85779	24.42	nq #	97
82) Chrysene	16.05	228	462566	48.30	nq	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	329604	48.85	nq #	97
84) Di-n-octyl phthalate	16.87	149	557165	48.29	nq	99
85) Indeno(1,2,3-cd)pyrene	19.15	276	550208	46.03	nq #	100
87) Benzo(b)fluoranthene	17.31	252	477200	40.63	nq	98
88) Benzo(k)fluoranthene	17.35	252	479944m	52.32	nq	
89) Benzo(a)pyrene	17.69	252	470103	47.97	nq #	96
90) Dibenzo(a,h)anthracene	19.17	278	456417	46.96	nq	97
91) Benzo(g,h,i)perylene	19.56	276	457106	46.20	nq	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

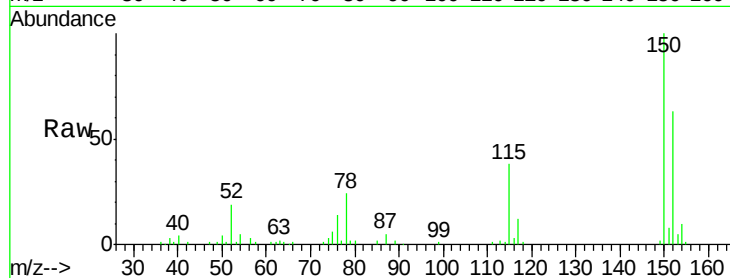
Tot Ion:152 Resp: 43787

Ion Ratio Lower Upper

152 100

150 158.7 119.5 179.3

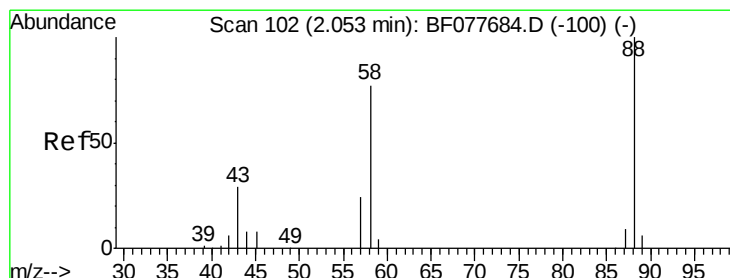
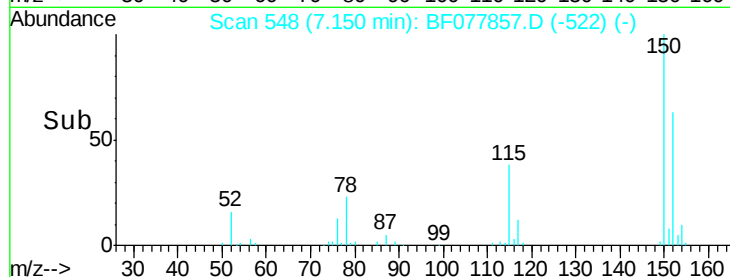
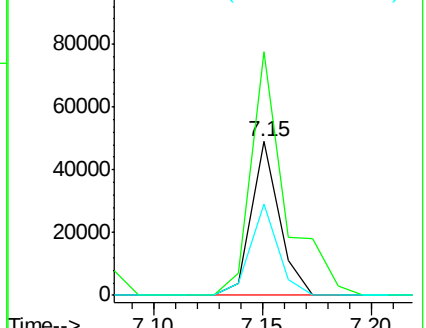
115 59.7 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.36 ng

RT: 2.05 min Scan# 102

Delta R.T. 0.02 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

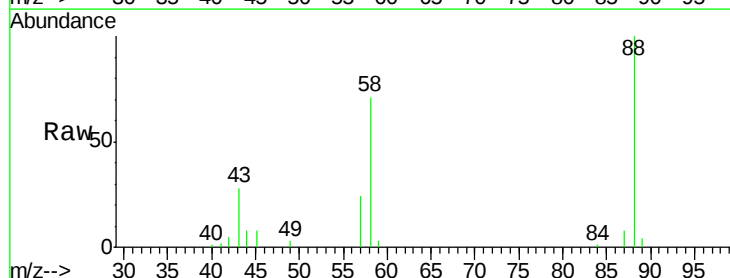
Tgt Ion: 88 Resp: 41413

Ion Ratio Lower Upper

88 100

58 75.3 0.0 0.0#

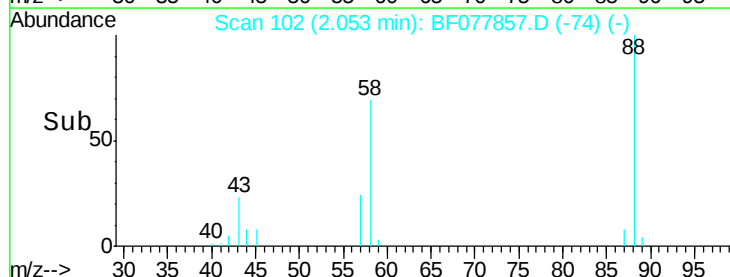
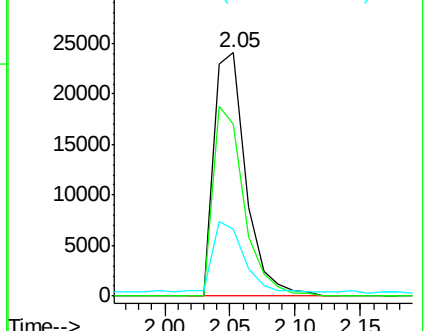
43 28.1 0.0 0.0#

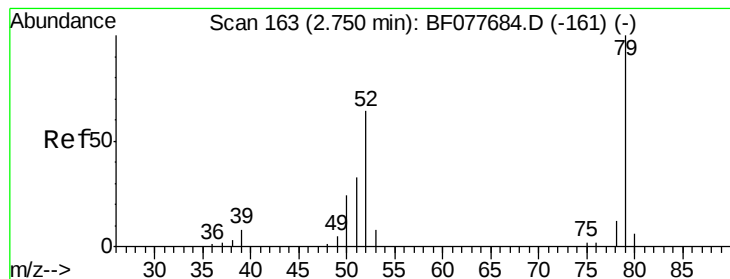


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.76 ng

RT: 2.74 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

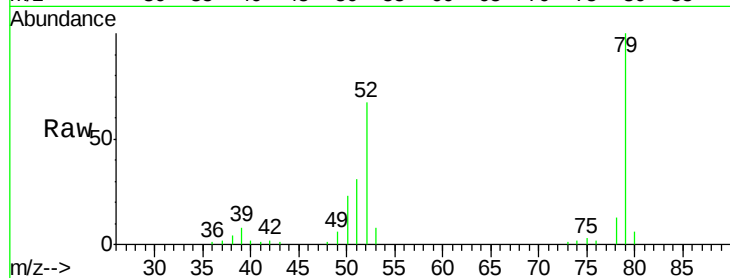
Tot Ion: 79 Resp: 106365

Ion Ratio Lower Upper

79 100

52 66.7 51.1 76.7

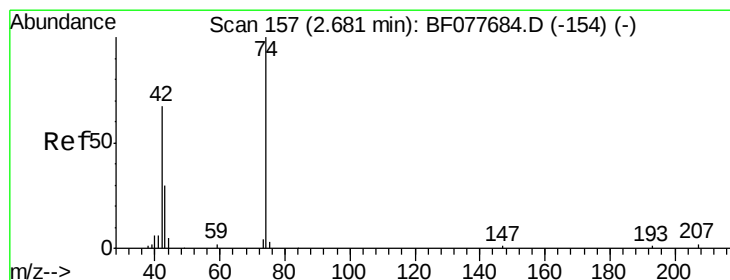
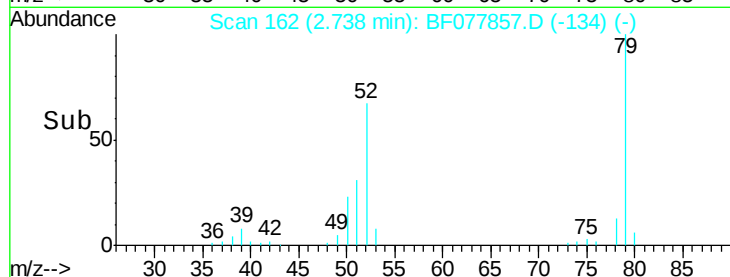
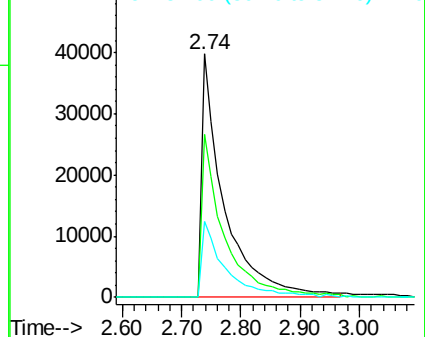
51 31.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.08 ng

RT: 2.66 min Scan# 155

Delta R.T. 0.01 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

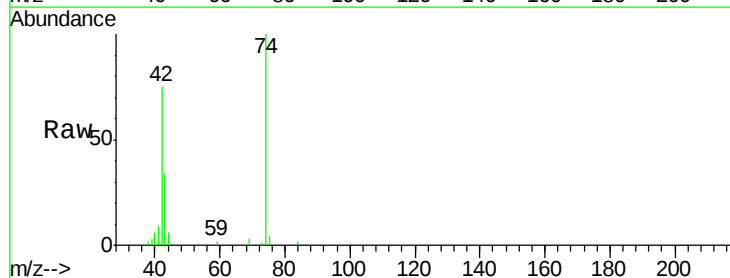
Tgt Ion: 42 Resp: 61396

Ion Ratio Lower Upper

42 100

74 132.6 119.3 178.9

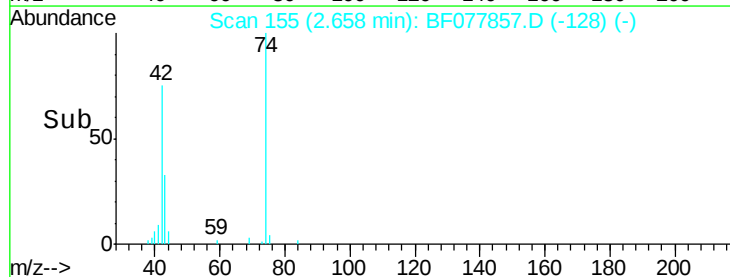
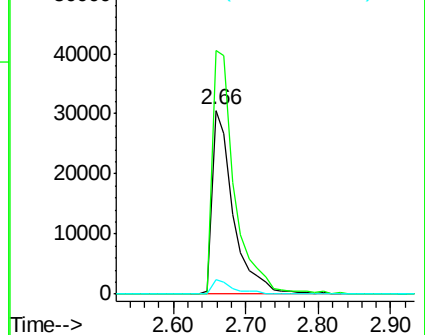
44 7.8 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 155.66 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

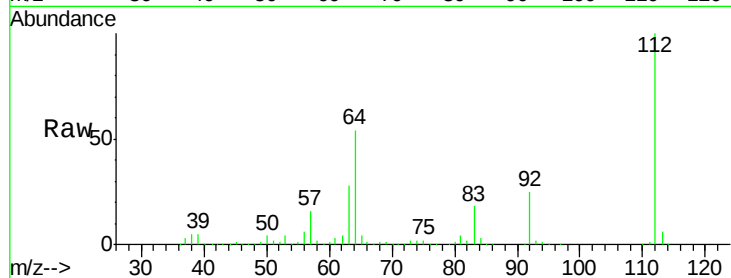
Tot Ion:112 Resp: 390469

Ion Ratio Lower Upper

112 100

64 54.2 38.6 57.8

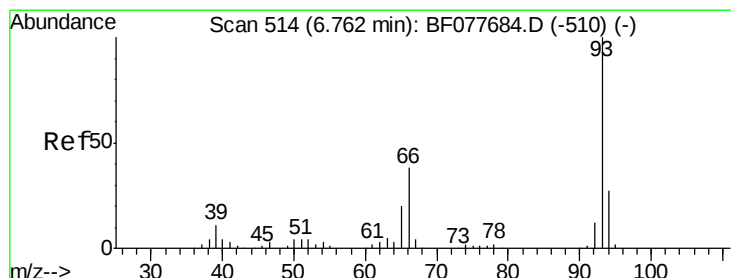
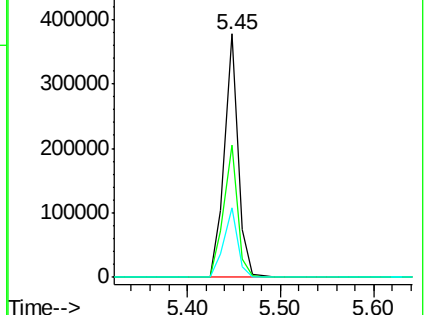
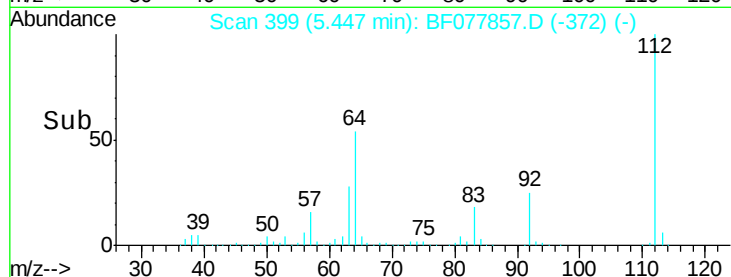
63 28.5 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.47 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

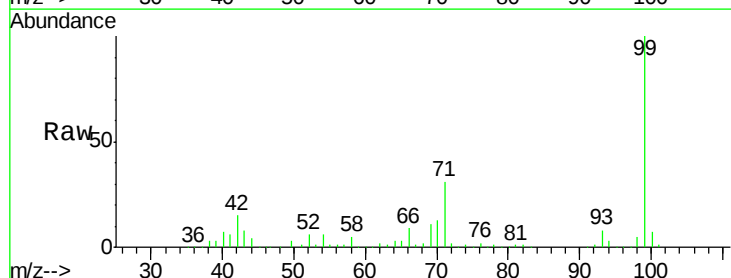
Tgt Ion: 93 Resp: 55274

Ion Ratio Lower Upper

93 100

66 103.6 30.8 46.2#

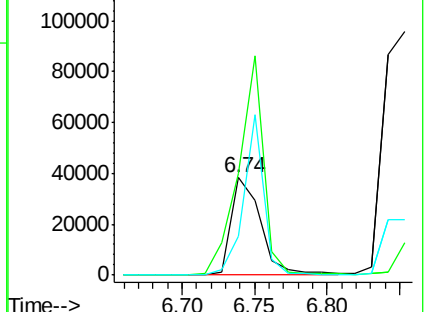
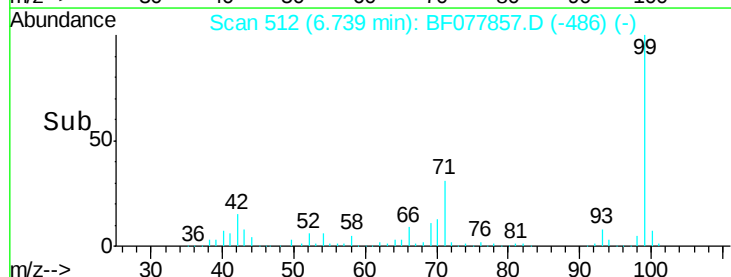
65 40.3 16.0 24.0#

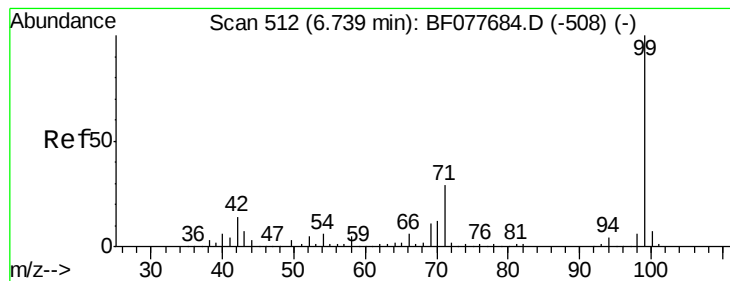


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 165.66 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

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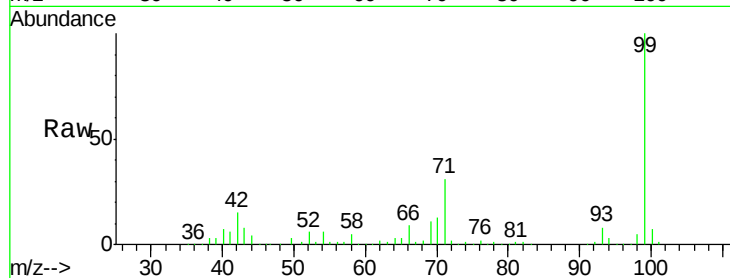
Tot Ion: 99 Resp: 513446

Ion Ratio Lower Upper

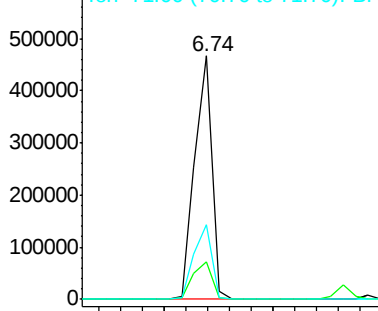
99 100

42 15.2 11.0 16.4

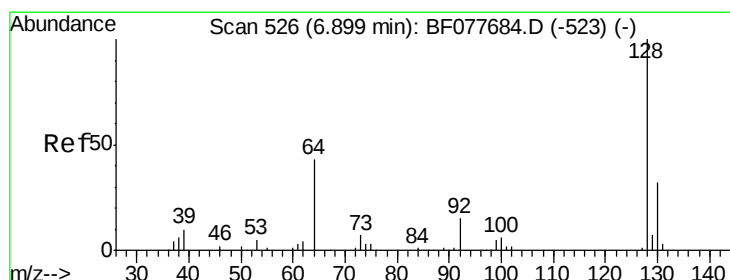
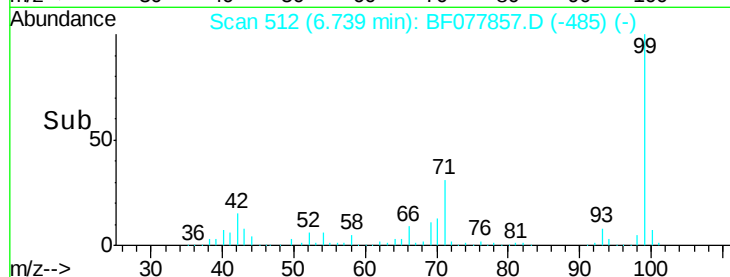
71 30.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 48.97 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

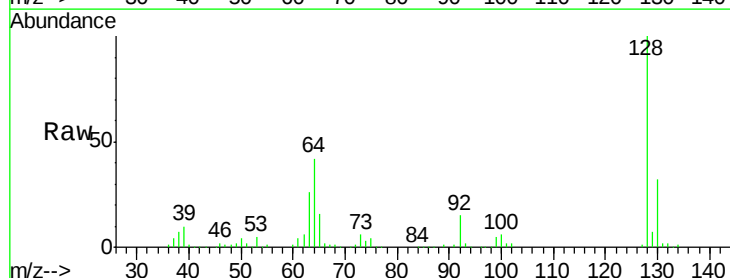
Tgt Ion:128 Resp: 146216

Ion Ratio Lower Upper

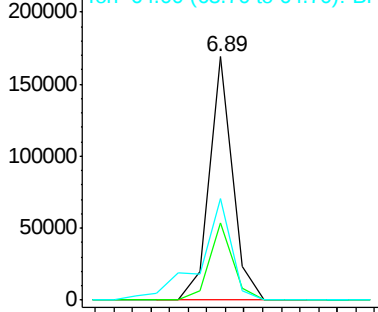
128 100

130 31.8 12.0 52.0

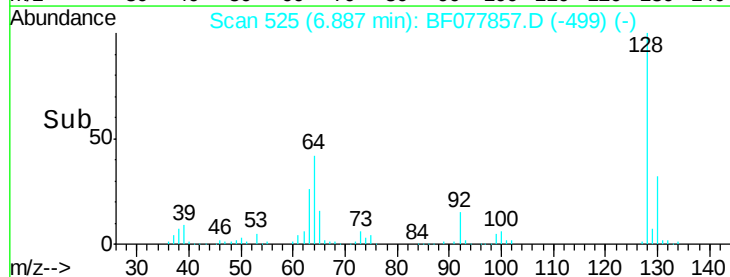
64 41.7 24.9 64.9

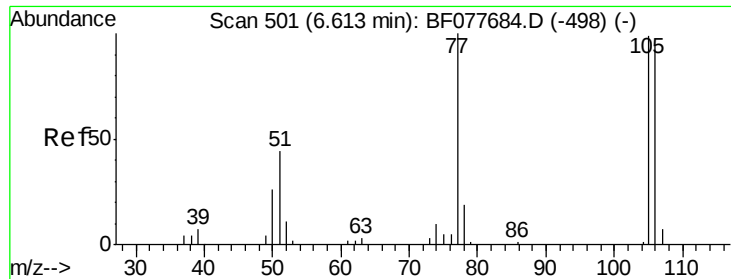


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time-->

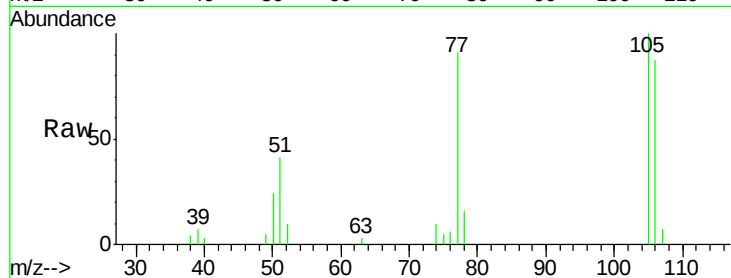




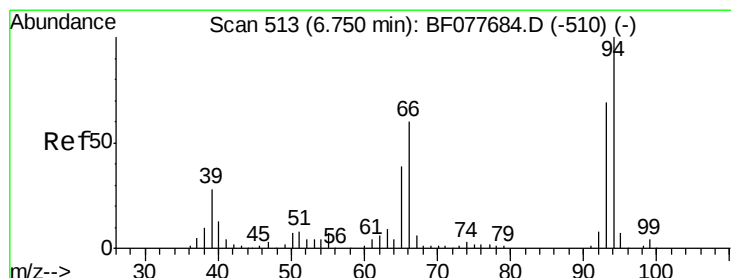
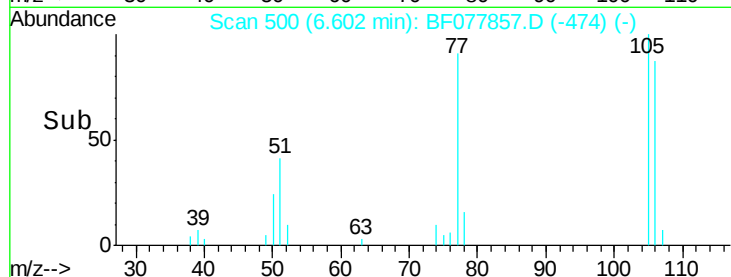
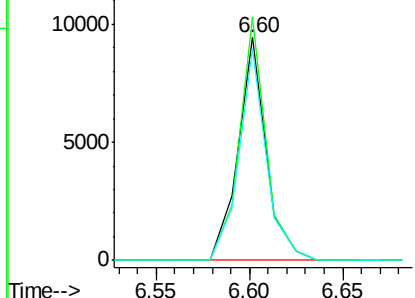
#9
Benzaldehyde
Concen: 7.79 ng
RT: 6.60 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Instrument :
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FK-PS-01-015MSD

Tot Ion: 77 Resp: 9888
Ion Ratio Lower Upper
77 100
105 109.4 78.8 118.8
106 94.9 73.7 113.7

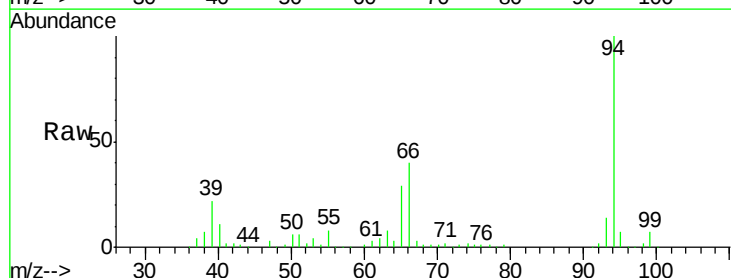


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

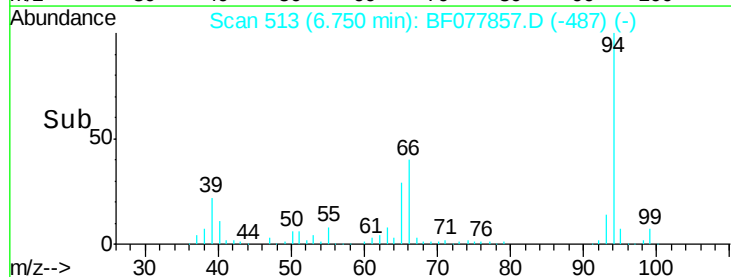
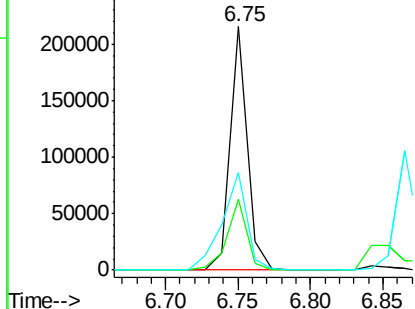


#10
Phenol
Concen: 48.75 ng
RT: 6.75 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion: 94 Resp: 178603
Ion Ratio Lower Upper
94 100
65 29.3 18.8 58.8
66 40.1 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

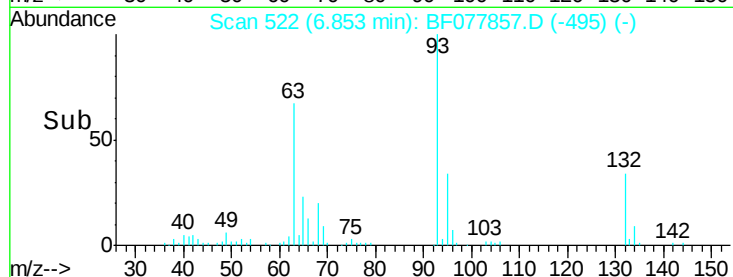
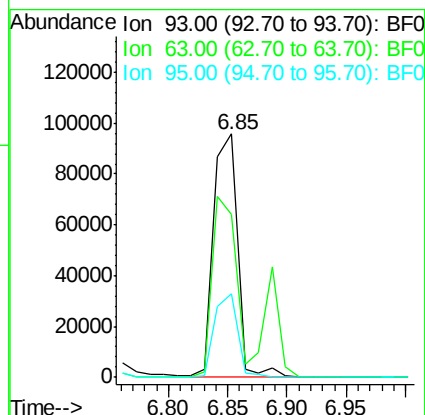
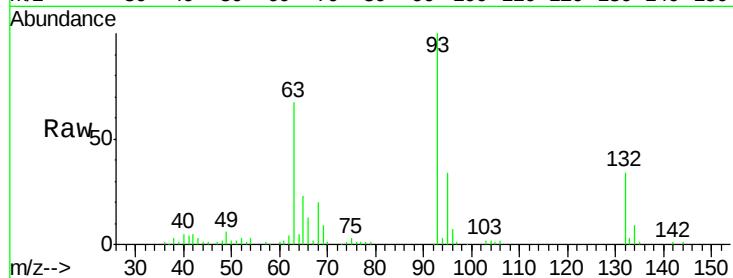




#11
bis(2-Chloroethyl)ether
Concen: 48.85 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

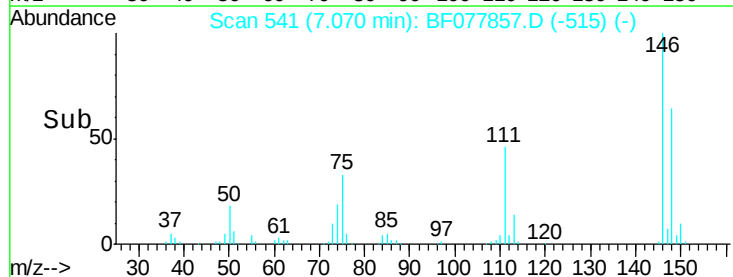
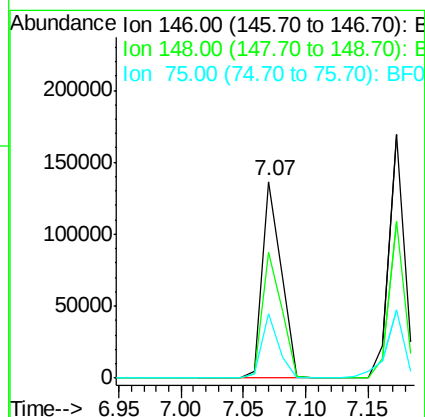
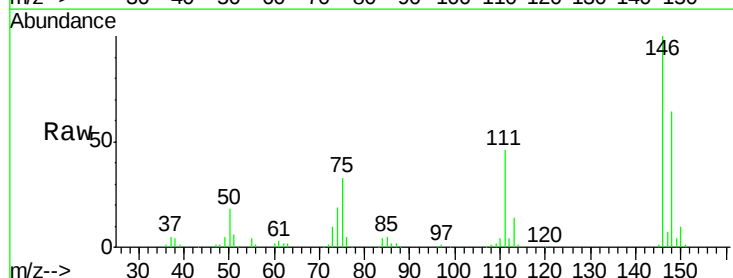
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

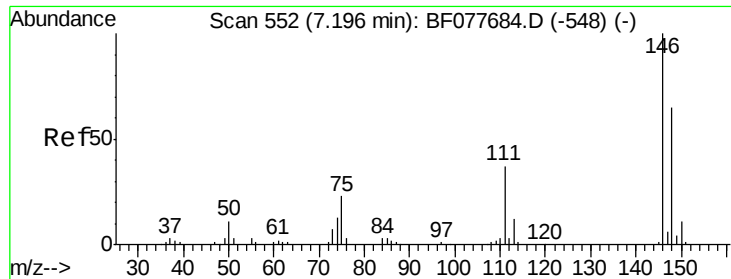
Tot Ion: 93 Resp: 134056
Ion Ratio Lower Upper
93 100
63 67.1 49.5 89.5
95 34.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 43.96 ng m
RT: 7.07 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion: 146 Resp: 145993
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
75 32.8 21.4 32.2#

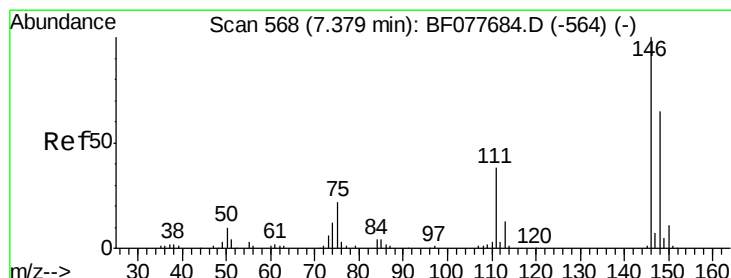
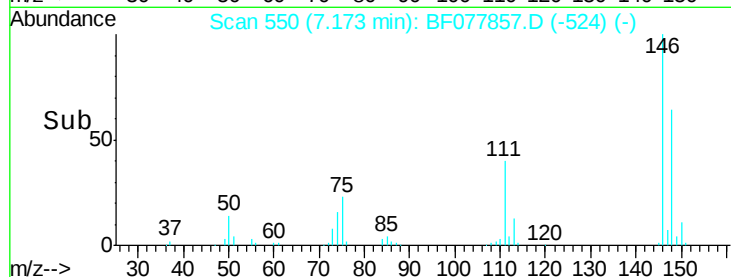
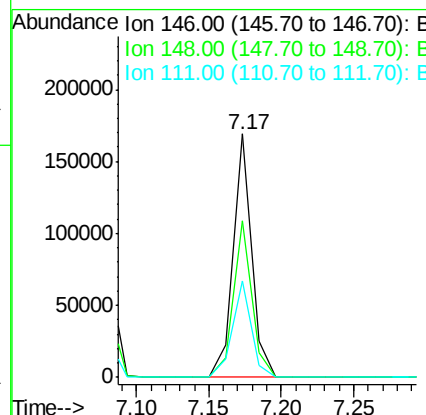
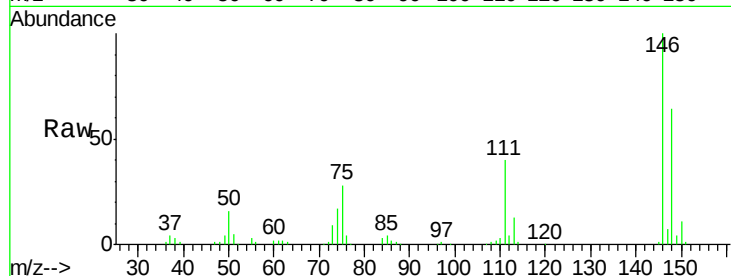




#13
 1,4-Dichlorobenzene
 Concen: 43.51 ng
 RT: 7.17 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

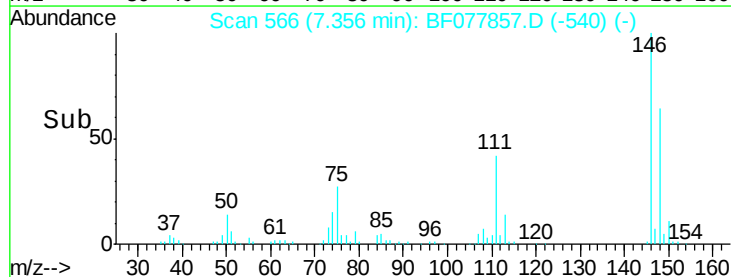
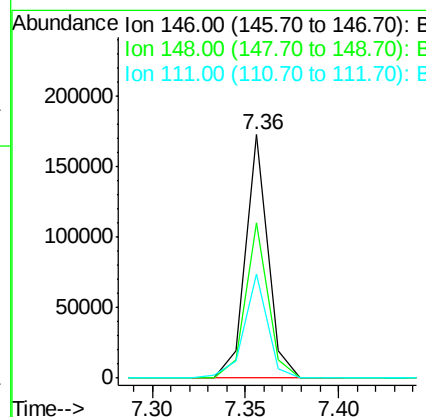
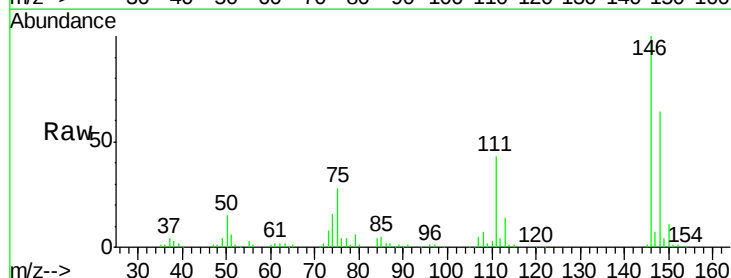
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

Tot Ion:146 Resp: 150133
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 39.8 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 45.96 ng
 RT: 7.36 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Tgt Ion:146 Resp: 145391
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.3 78.5
 111 42.6 30.6 45.8

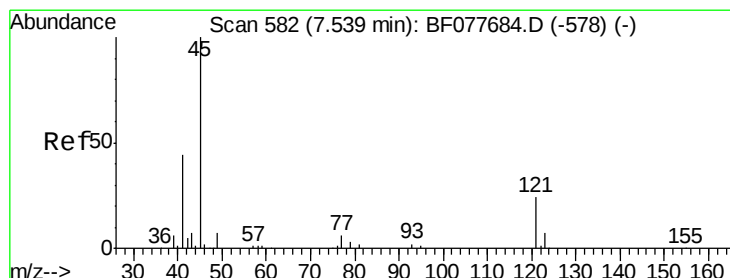
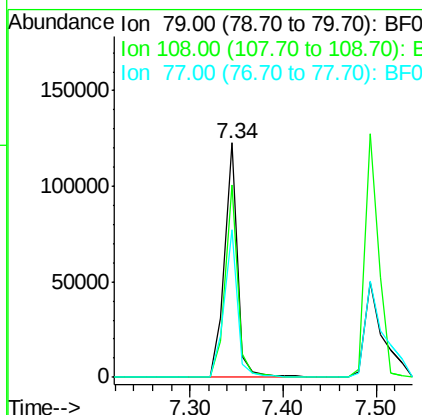
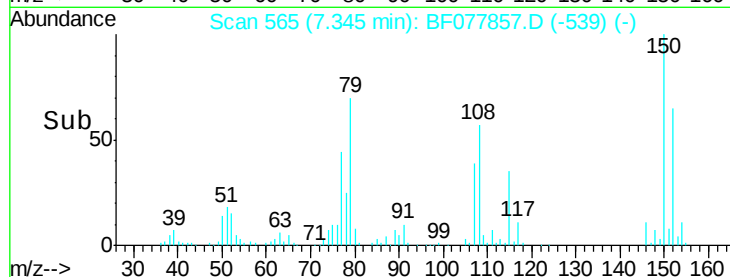
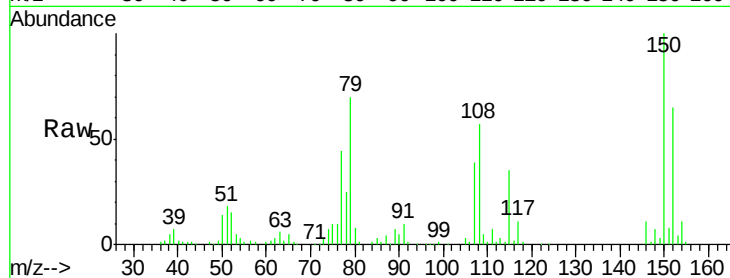




#15
Benzyl Alcohol
Concen: 48.69 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

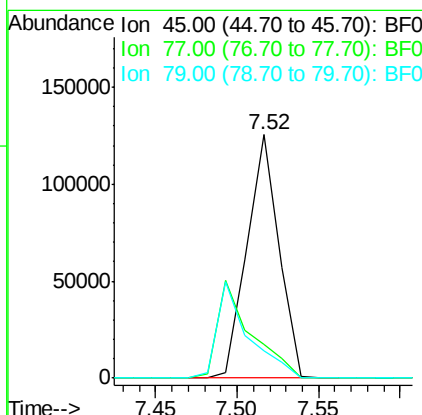
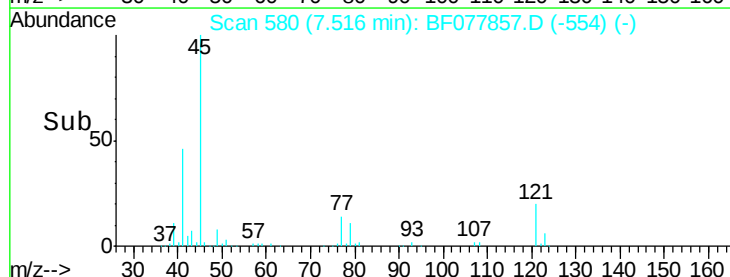
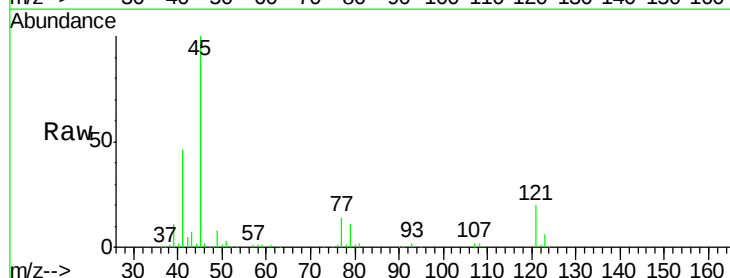
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

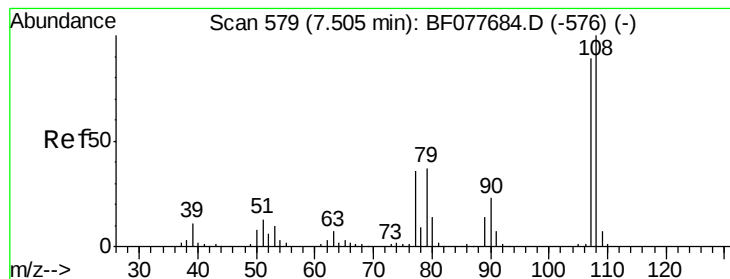
Tot Ion: 79 Resp: 117803
Ion Ratio Lower Upper
79 100
108 82.0 65.0 97.4
77 63.0 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.83 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion: 45 Resp: 169489
Ion Ratio Lower Upper
45 100
77 13.7 0.0 35.2
79 11.3 0.0 32.0

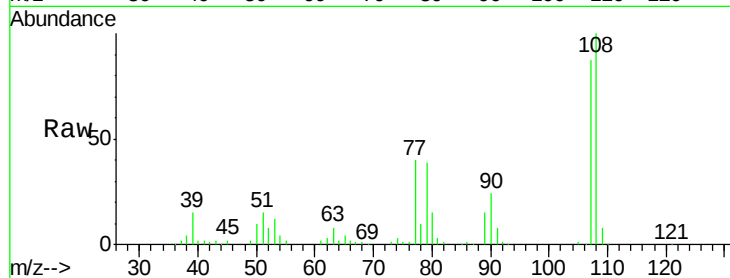




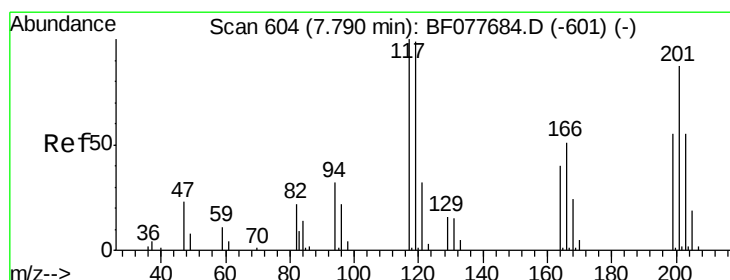
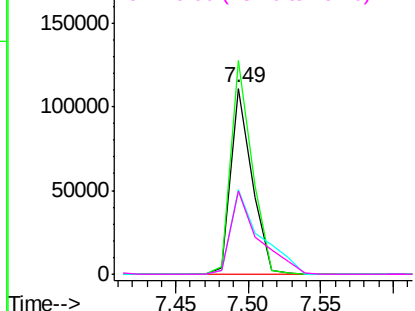
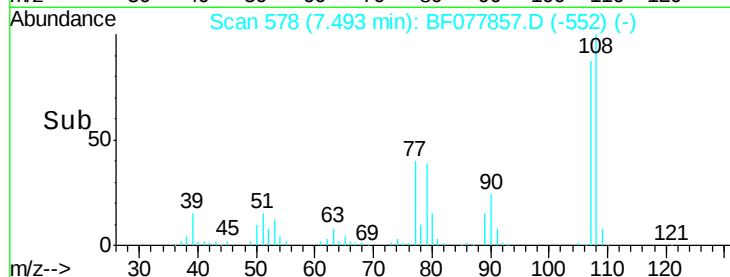
#17
2-Methylphenol
Concen: 46.27 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion:107 Resp: 112476
Ion Ratio Lower Upper
107 100
108 115.0 89.8 134.8
77 45.8 32.6 48.8
79 44.8 32.8 49.2

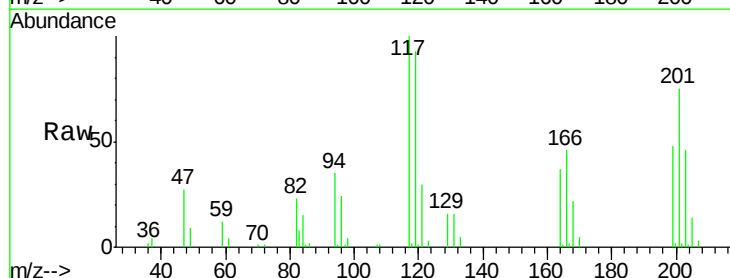


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

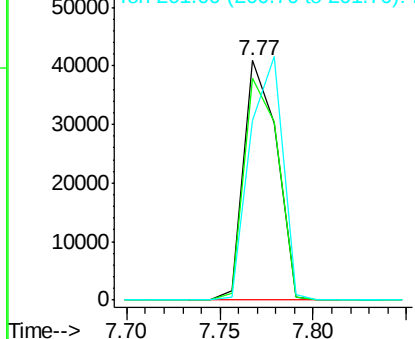
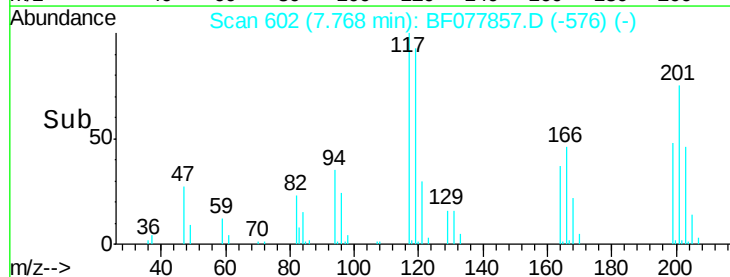


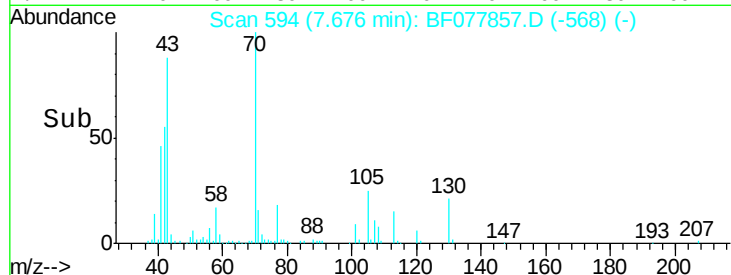
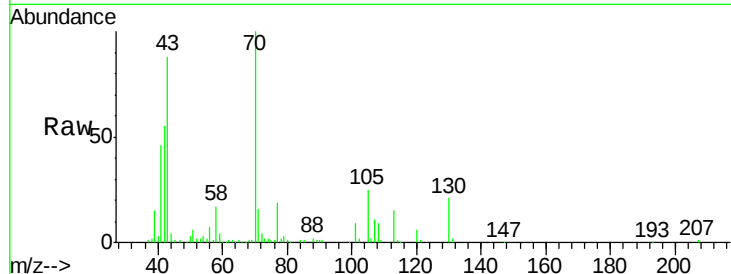
#18
Hexachloroethane
Concen: 44.30 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:117 Resp: 50133
Ion Ratio Lower Upper
117 100
119 92.5 79.2 118.8
201 75.3 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E
50000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

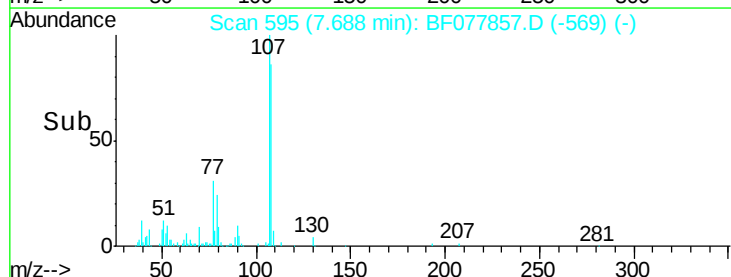
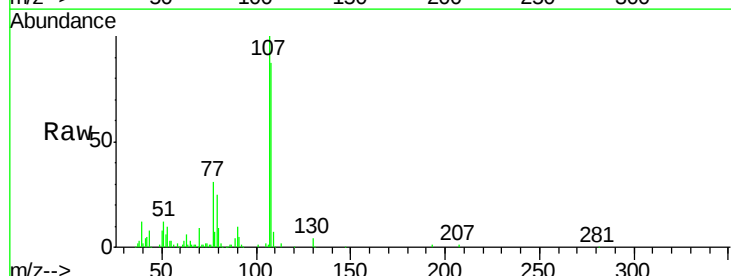
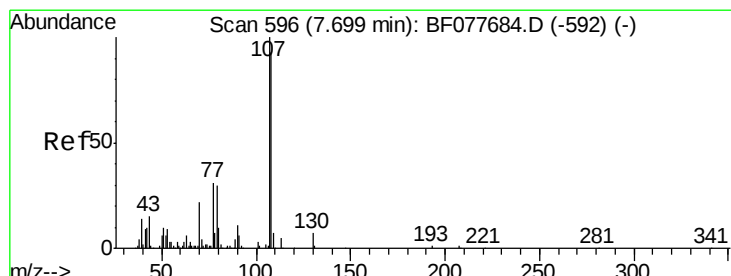
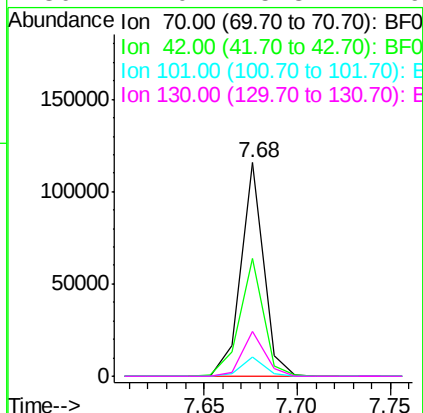




#19
n-Nitroso-di-n-propylamine
Concen: 45.86 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

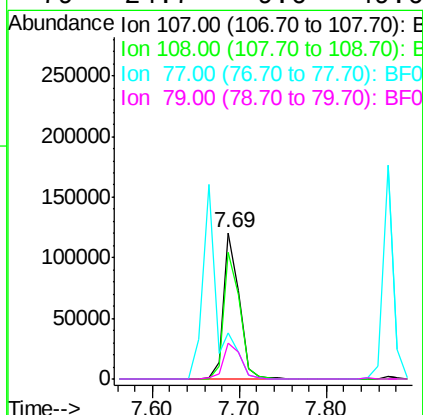
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion:	70	Resp:	98317
Ion	Ratio	Lower	Upper
70	100		
42	54.9	44.5	66.7
101	9.2	7.4	11.2
130	21.0	15.3	22.9



#20
3+4-Methylphenols
Concen: 47.63 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:	107	Resp:	151934
Ion	Ratio	Lower	Upper
107	100		
108	86.5	73.2	113.2
77	31.2	10.7	50.7
79	24.7	9.6	49.6

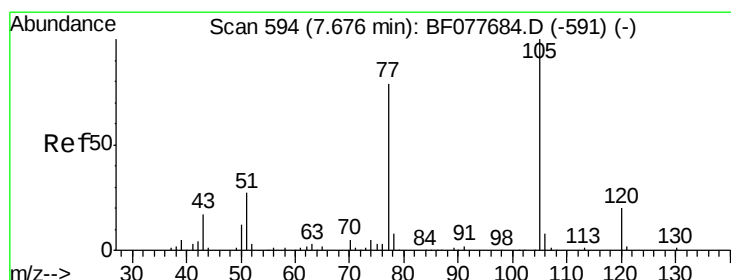
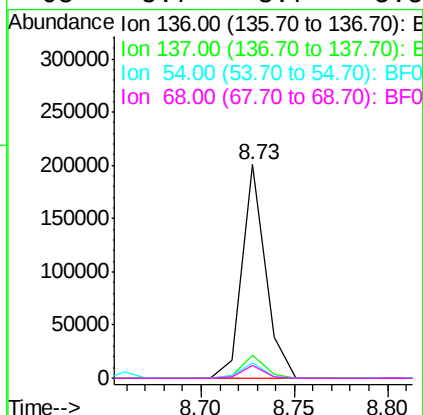
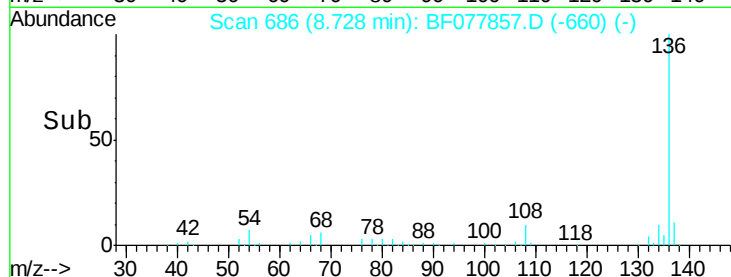
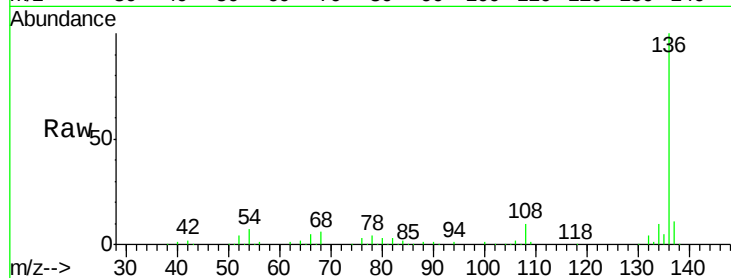




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

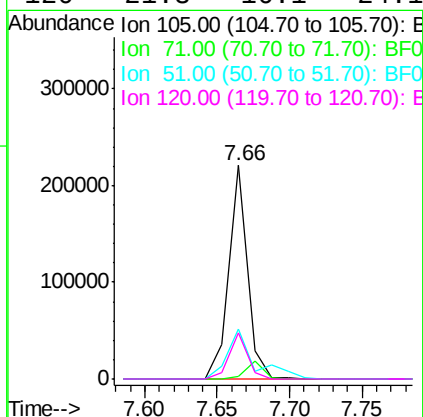
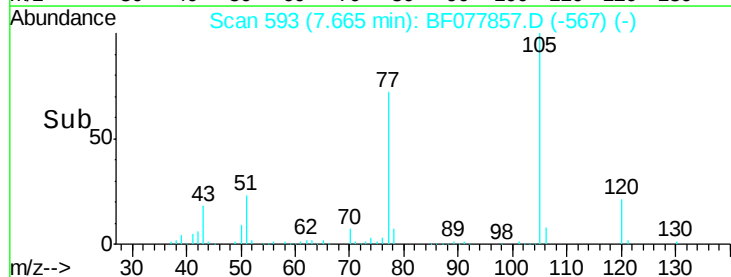
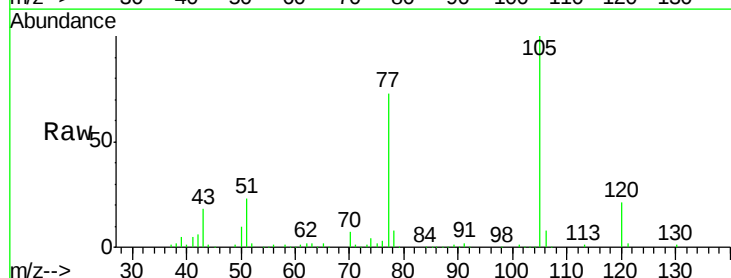
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

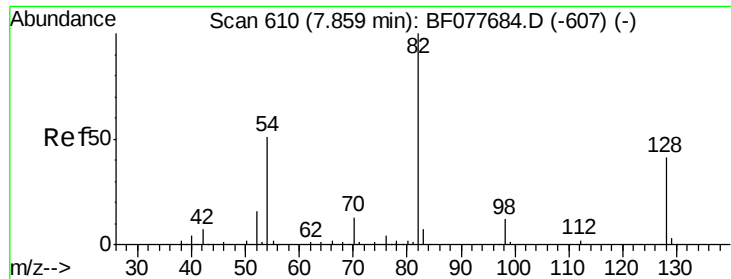
Tot Ion:136	Resp:	176413
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	7.5	4.6 6.8#
68	5.7	3.7 5.5#



#22
Acetophenone
Concen: 50.84 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:105	Resp:	198530
Ion Ratio	Lower	Upper
105	100	
71	1.3	0.6 1.0#
51	23.3	21.6 32.4
120	21.3	16.1 24.1

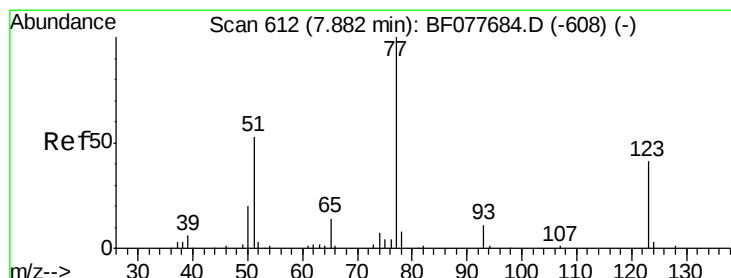
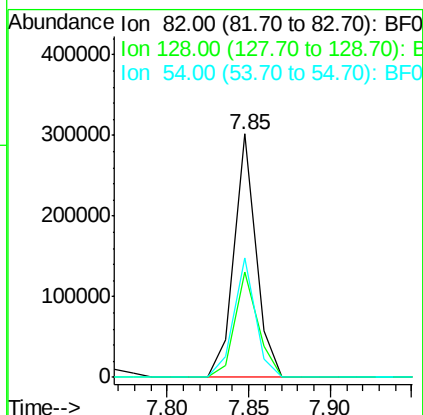
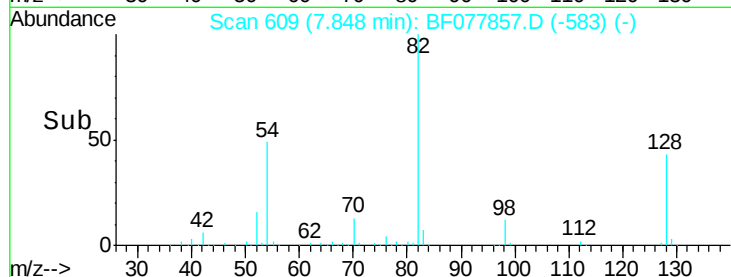
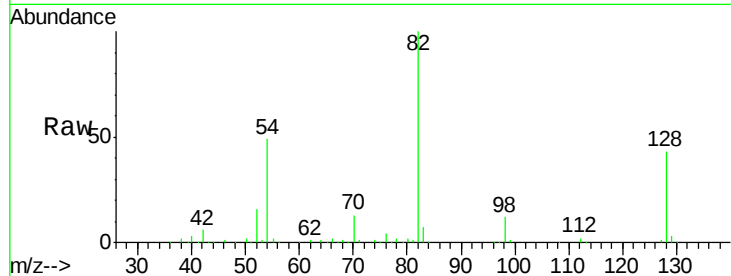




#23
 Nitrobenzene-d5
 Concen: 103.78 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

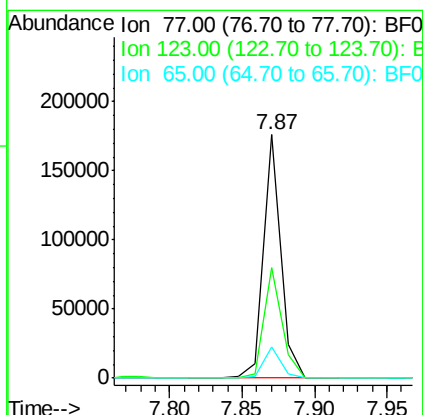
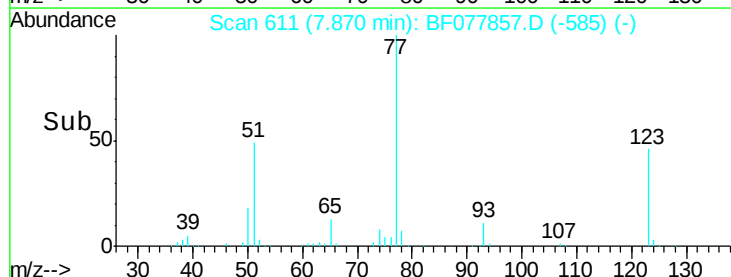
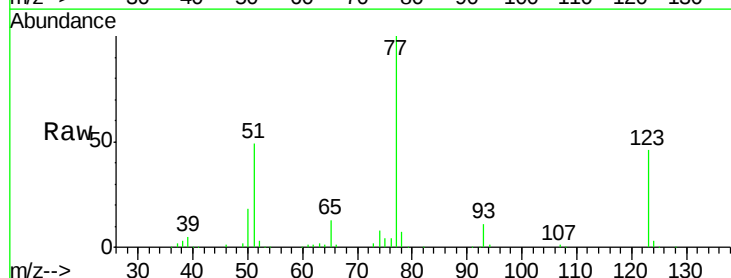
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

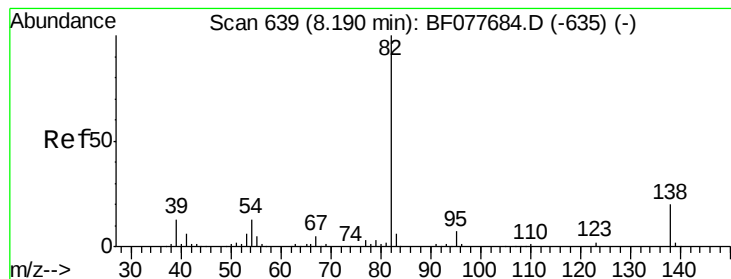
Tot Ion	82	Resp	279296
Ion Ratio	100	Lower	Upper
128	43.5	32.8	49.2
54	48.9	40.6	60.8



#24
 Nitrobenzene
 Concen: 50.44 ng
 RT: 7.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Tgt Ion	77	Resp	146250
Ion Ratio	100	Lower	Upper
123	45.5	32.6	49.0
65	13.0	10.9	16.3





#25

Isophorone

Concen: 46.22 ng

RT: 8.17 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

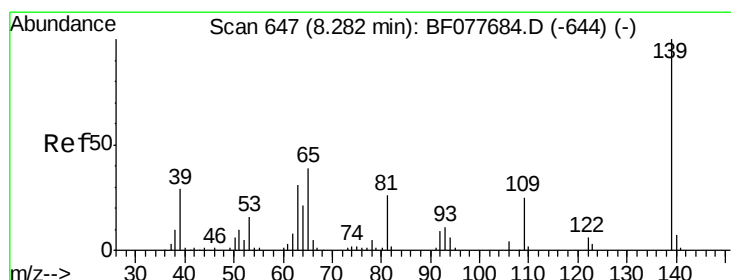
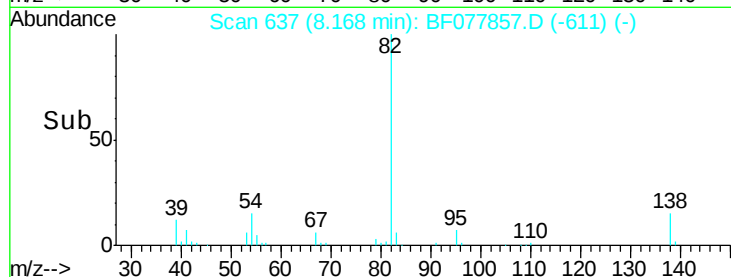
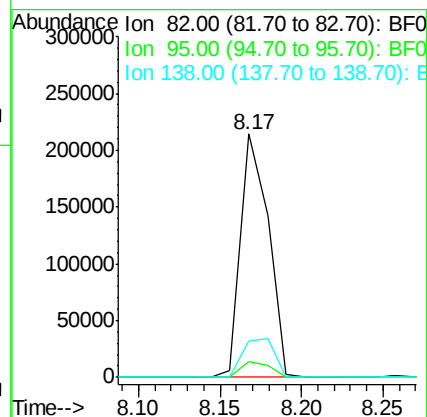
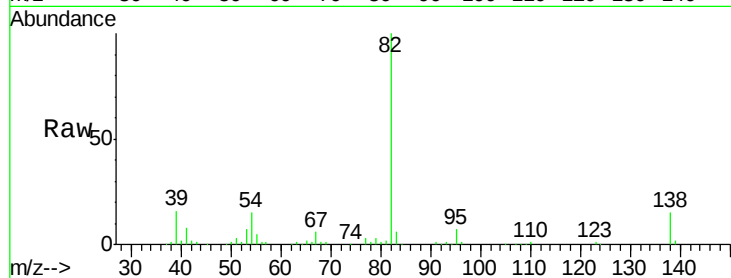
Tot Ion: 82 Resp: 251220

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 15.1 16.3 24.5#



#26

2-Nitrophenol

Concen: 49.80 ng

RT: 8.27 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

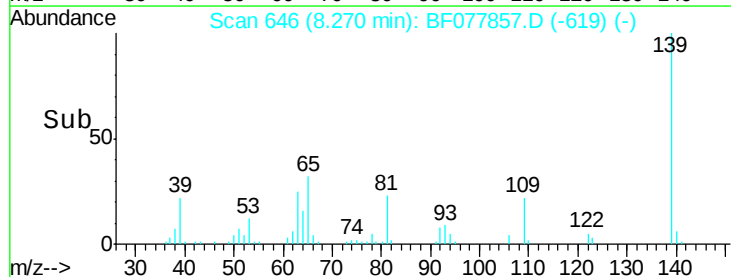
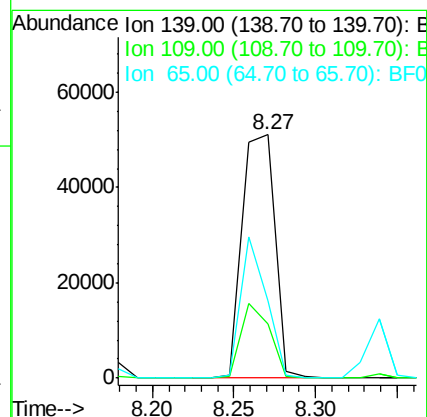
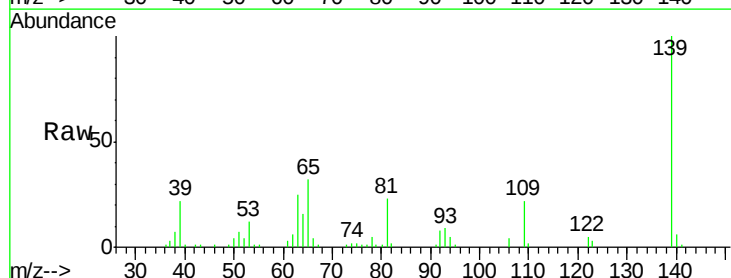
Tgt Ion: 139 Resp: 70693

Ion Ratio Lower Upper

139 100

109 22.4 20.1 30.1

65 31.7 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 50.13 ng

RT: 8.34 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

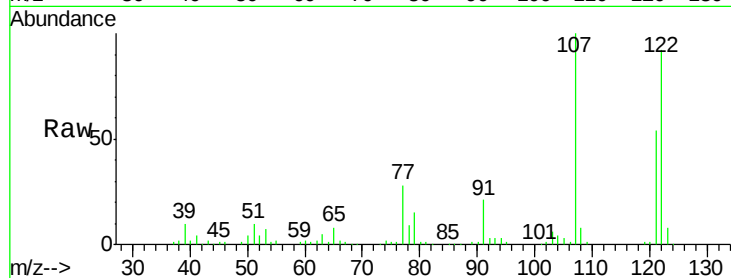
Tot Ion:122 Resp: 129623

Ion Ratio Lower Upper

122 100

107 108.9 84.7 127.1

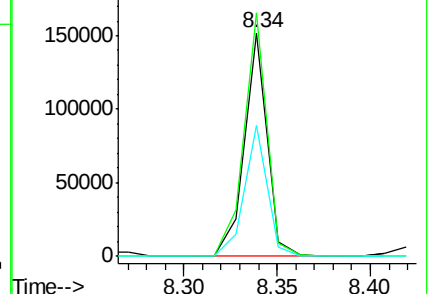
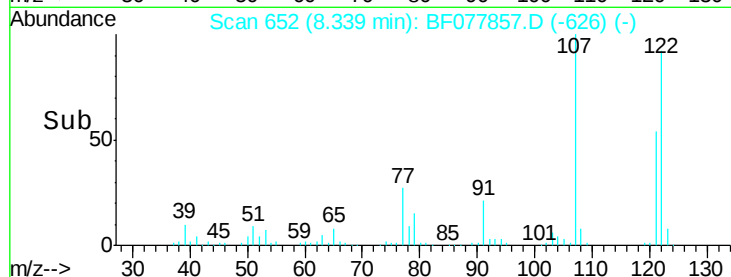
121 58.6 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.18 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

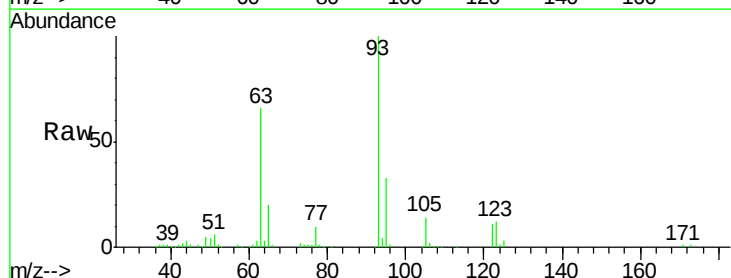
Tgt Ion: 93 Resp: 165550

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

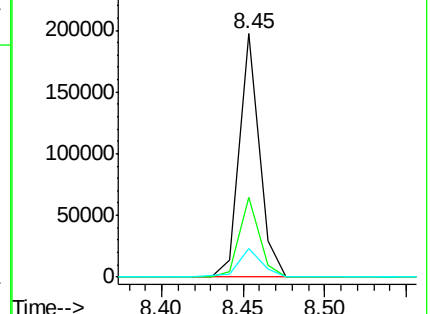
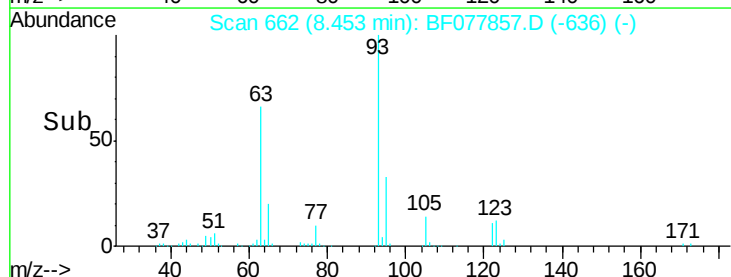
123 11.9 8.6 13.0

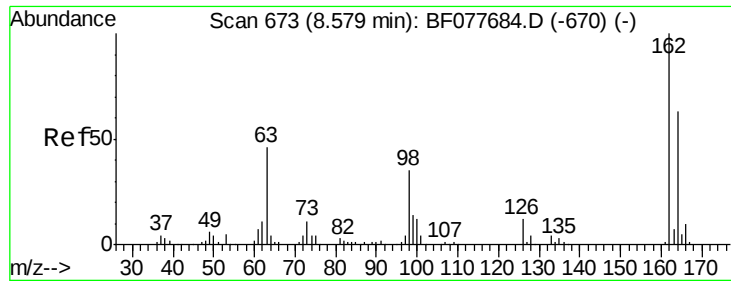


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

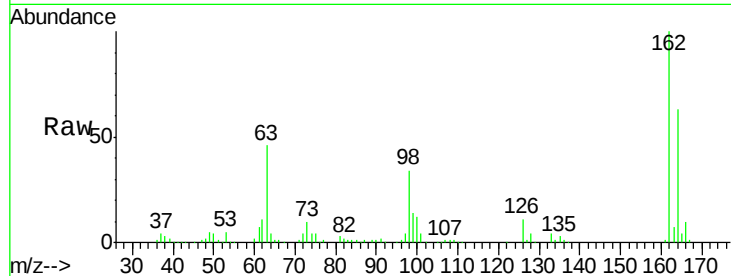




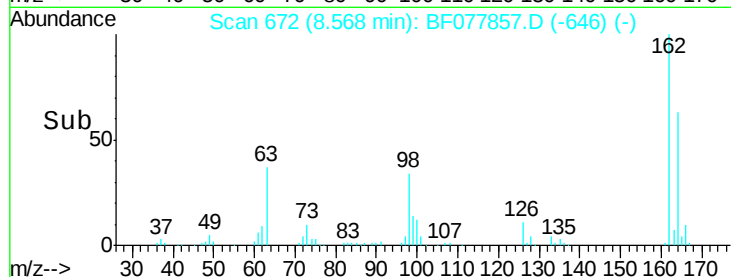
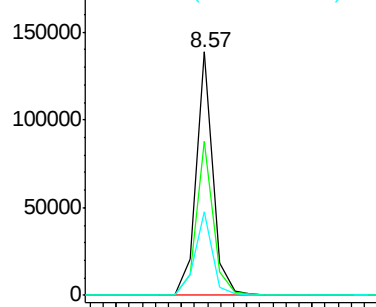
#29
 2,4-Dichlorophenol
 Concen: 50.76 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.8	82.8
98	34.4	14.5	54.5

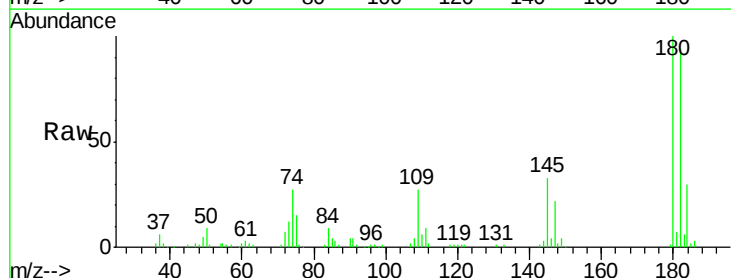


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

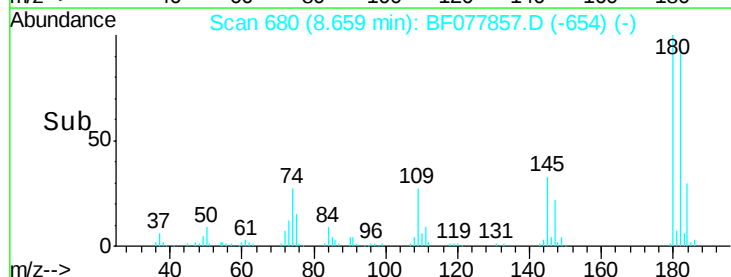
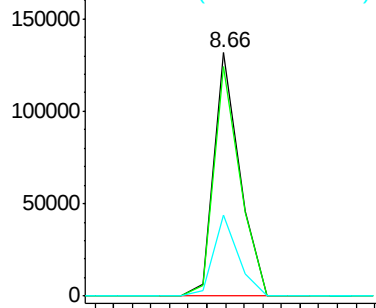


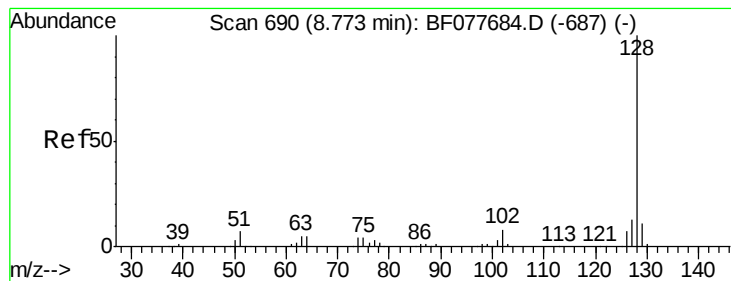
#30
 1,2,4-Trichlorobenzene
 Concen: 45.89 ng
 RT: 8.66 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.6	116.4
145	33.2	23.4	35.2



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: 45.20 ng

RT: 8.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

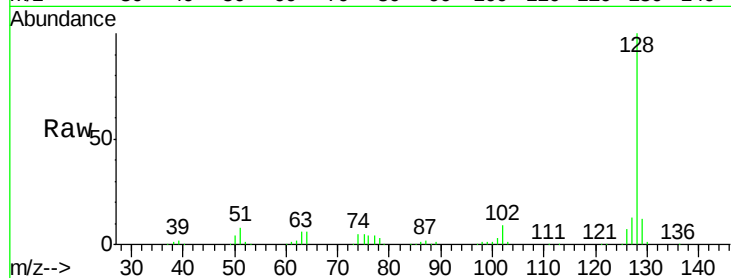
Tot Ion:128 Resp: 409559

Ion Ratio Lower Upper

128 100

129 11.7 8.9 13.3

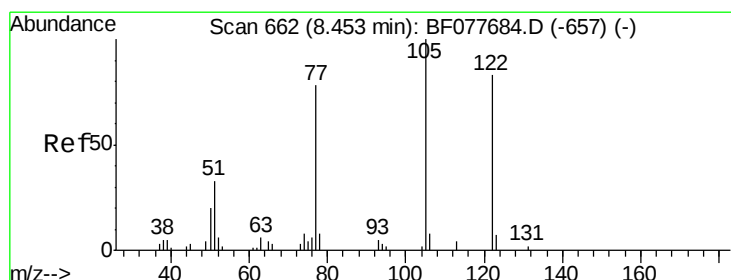
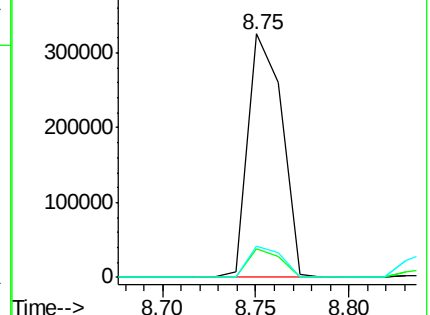
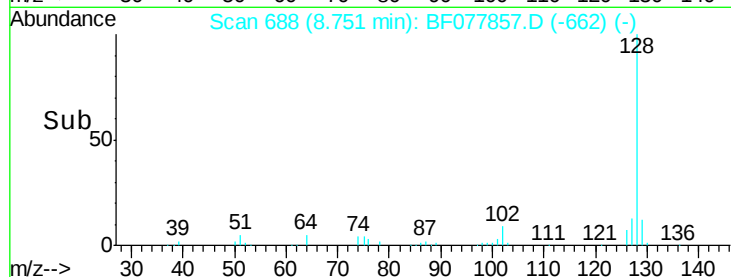
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.72 ng

RT: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

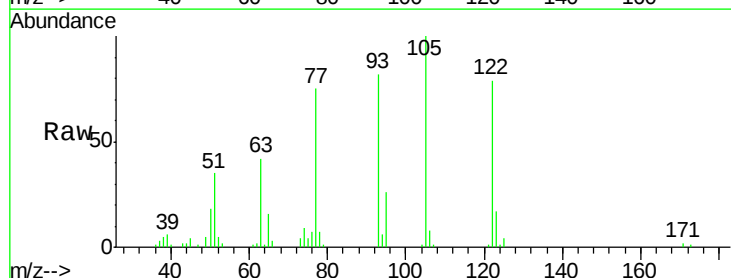
Tgt Ion:122 Resp: 74970

Ion Ratio Lower Upper

122 100

105 125.9 99.9 139.9

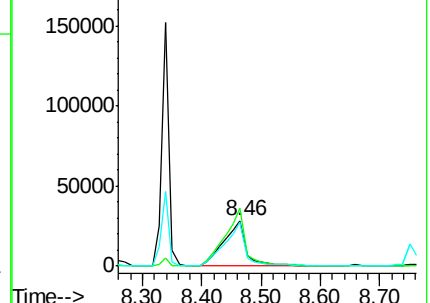
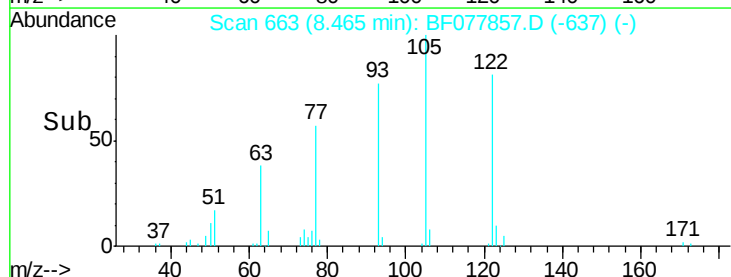
77 94.7 73.7 113.7

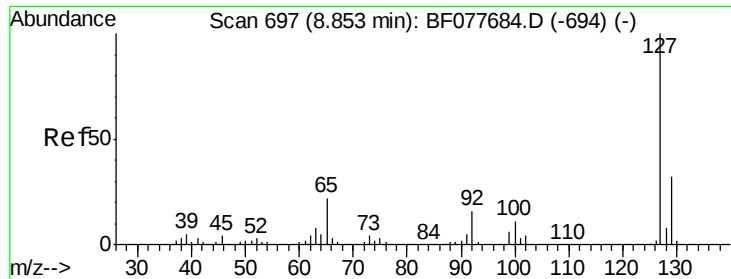


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

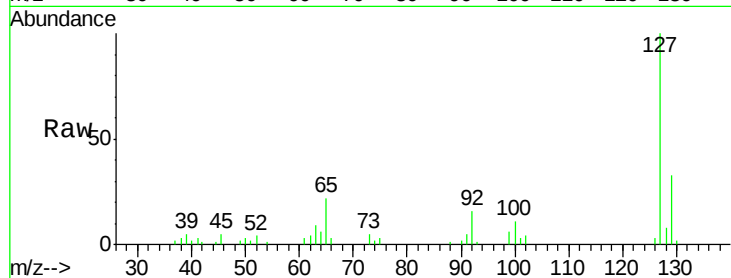




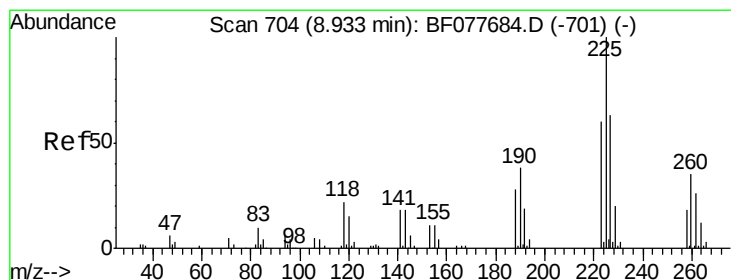
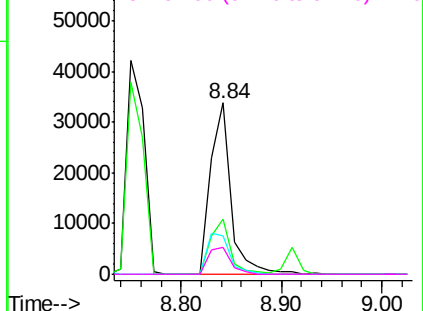
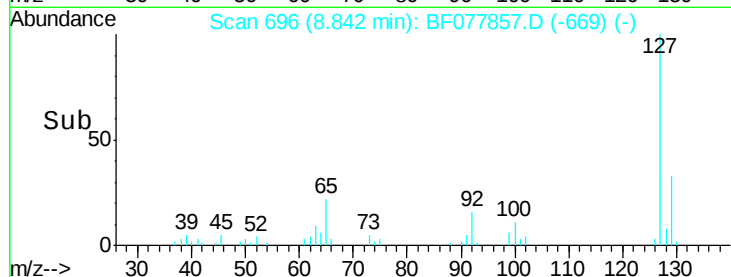
#33
4-Chloroaniline
Concen: 12.92 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion:127	Resp:	47498
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.3 37.9
65	22.2	17.6 26.4
92	15.7	13.1 19.7

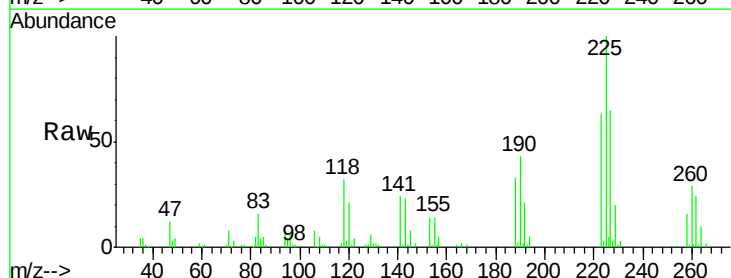


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

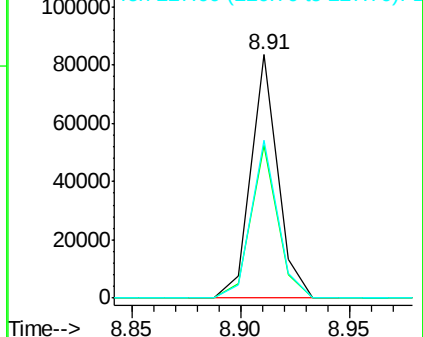
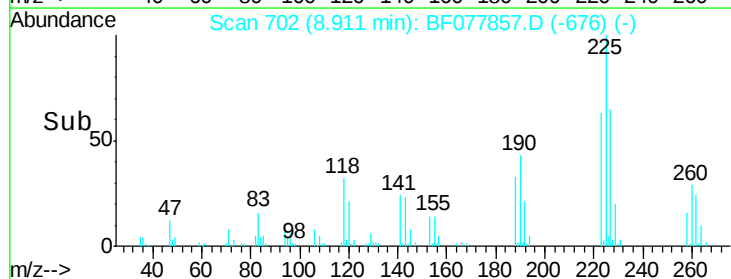


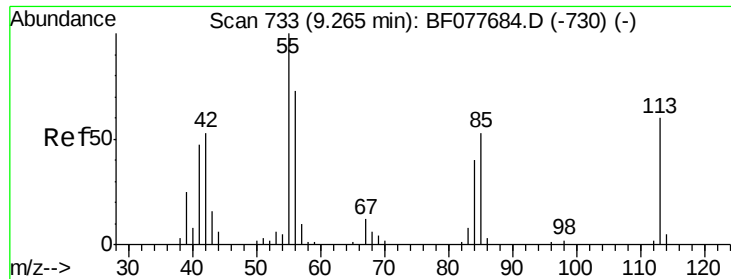
#34
Hexachlorobutadiene
Concen: 45.74 ng
RT: 8.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:225	Resp:	71499
Ion Ratio	Lower	Upper
225	100	
223	62.5	47.9 71.9
227	64.8	50.1 75.1



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





#35

Caprolactam

Concen: 52.44 ng

RT: 9.28 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

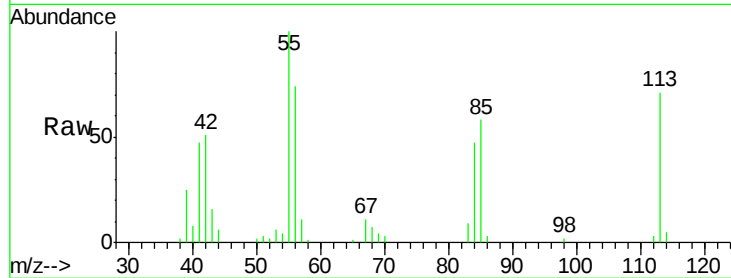
Tot Ion:113 Resp: 37775

Ion Ratio Lower Upper

113 100

55 140.0 145.9 185.9#

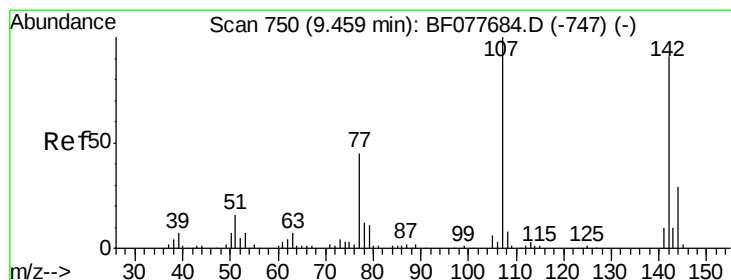
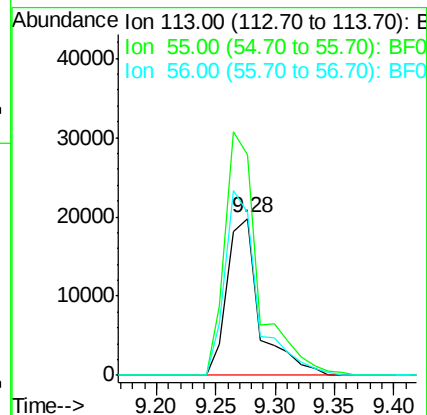
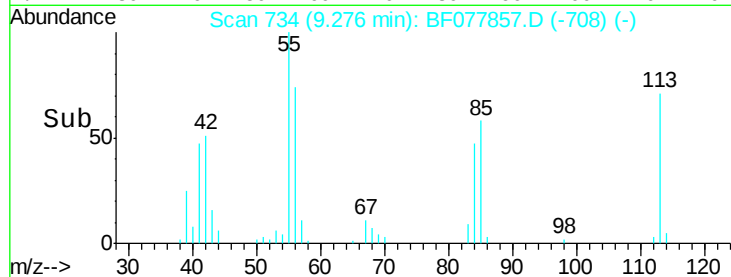
56 103.8 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.15 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

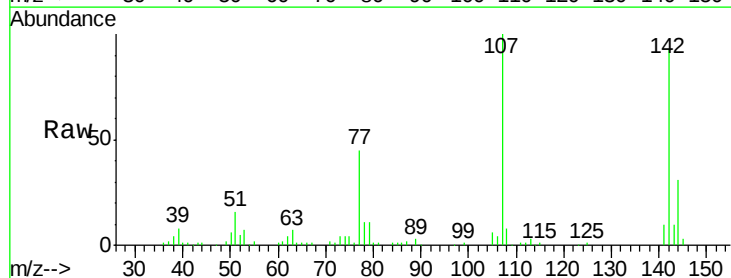
Tgt Ion:107 Resp: 121888

Ion Ratio Lower Upper

107 100

144 31.0 23.3 34.9

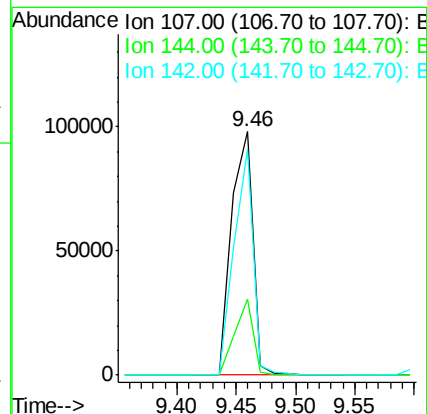
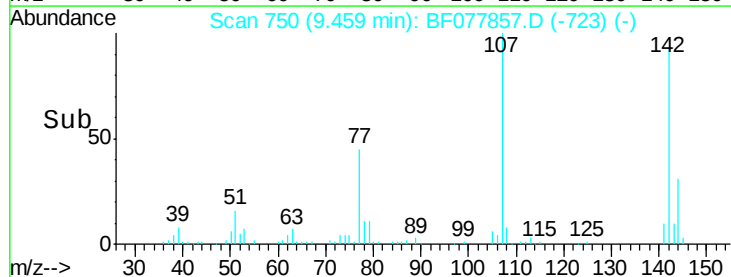
142 92.7 72.6 109.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.02 ng

RT: 9.62 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

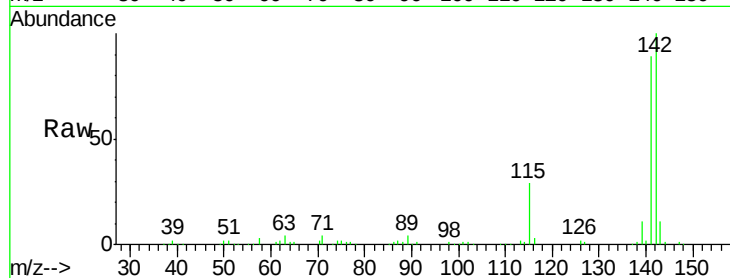
Tot Ion:142 Resp: 286177

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9

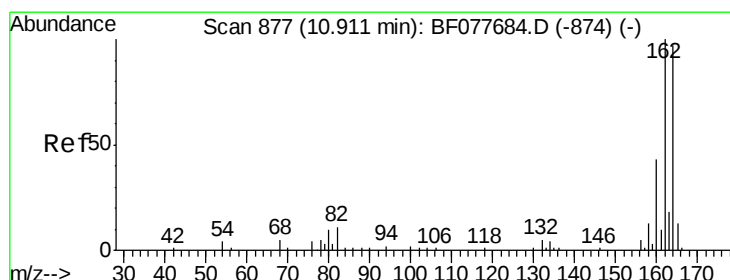
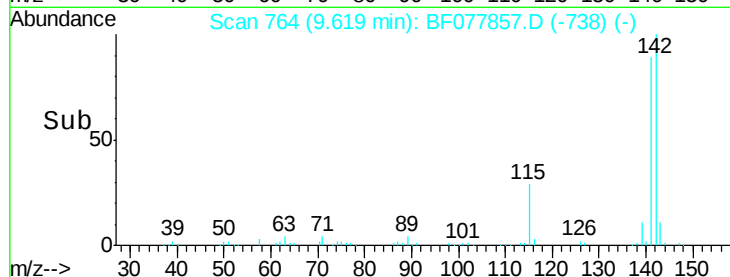
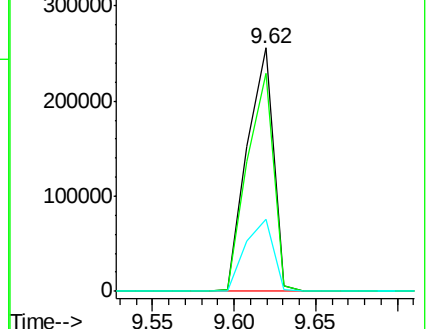
115 29.5 25.4 38.0



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: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

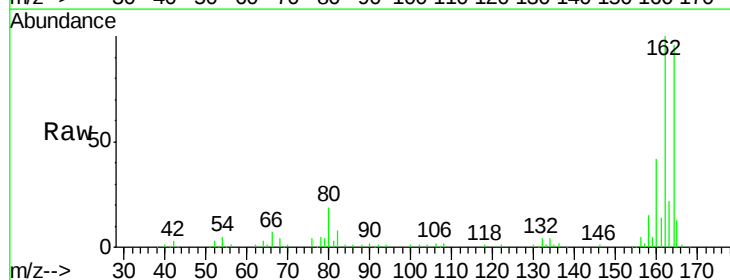
Tgt Ion:164 Resp: 89202

Ion Ratio Lower Upper

164 100

162 104.3 82.4 123.6

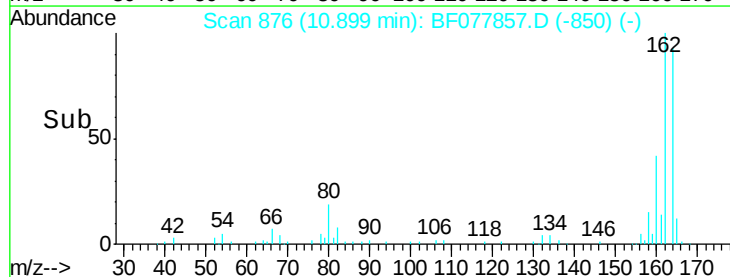
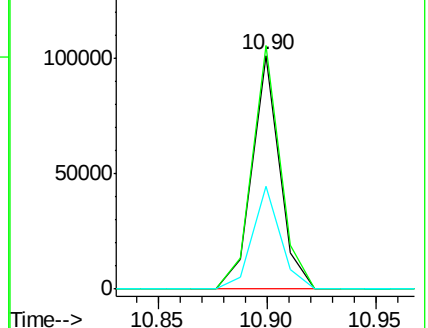
160 44.1 35.8 53.6

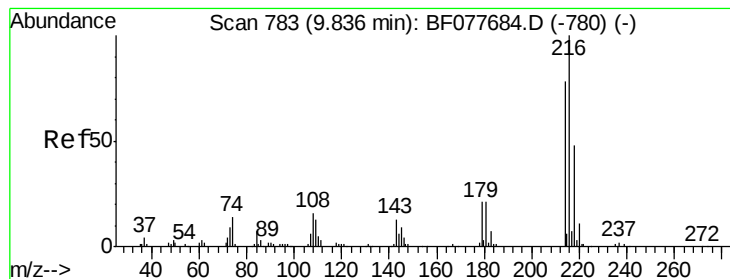


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.74 ng

RT: 9.82 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

Tot Ion:216 Resp: 121699

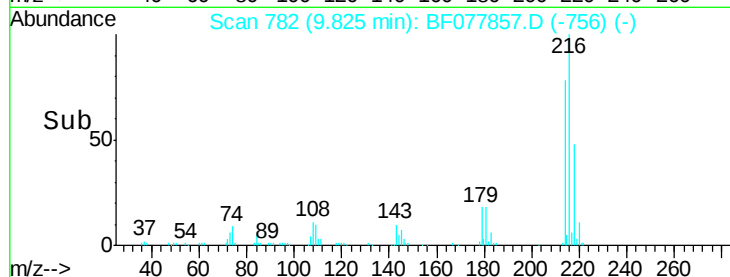
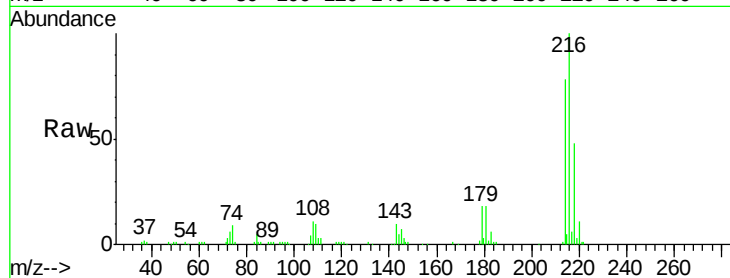
Ion Ratio Lower Upper

216 100

214 79.4 0.0 0.0#

179 21.2 0.0 0.0#

108 19.7 0.0 0.0#

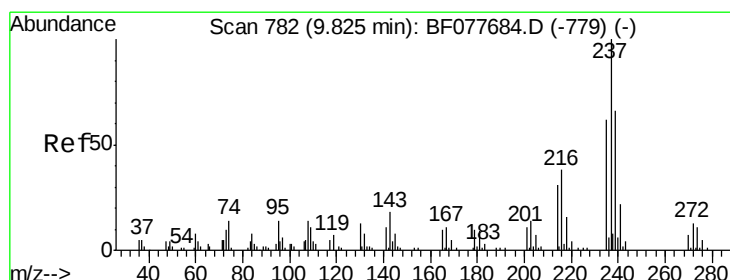
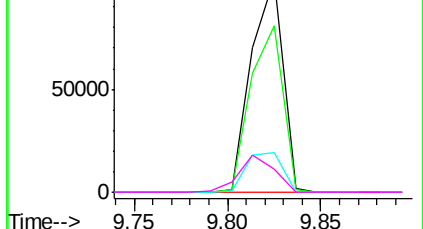


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.34 ng

RT: 9.80 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

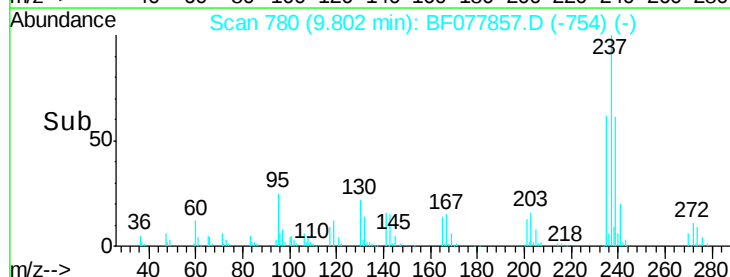
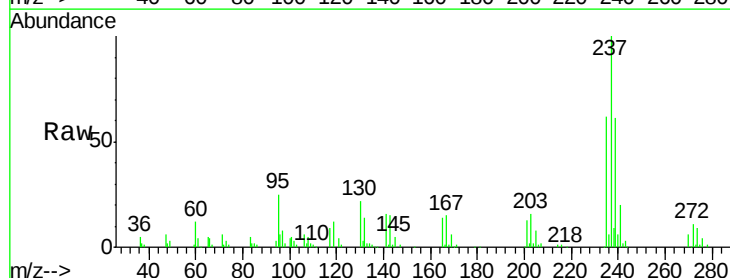
Tgt Ion:237 Resp: 112565

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

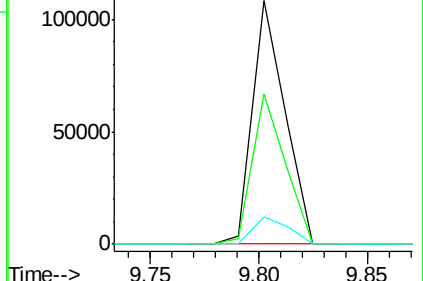
272 11.1 0.0 33.4

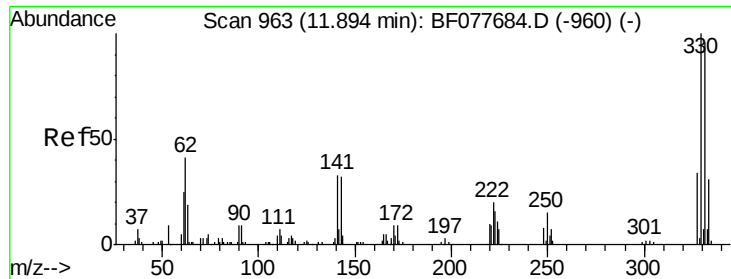


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

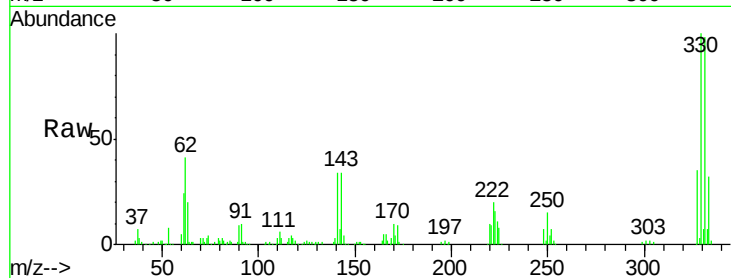




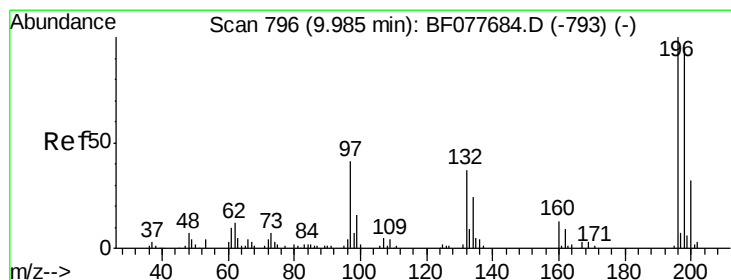
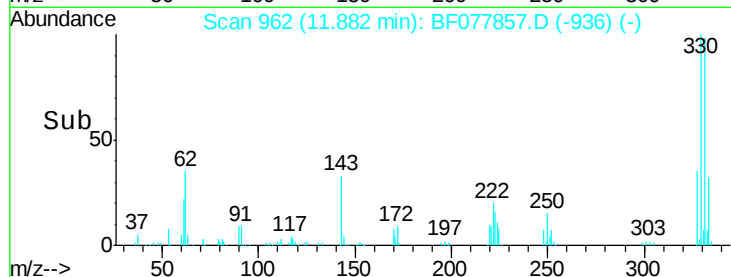
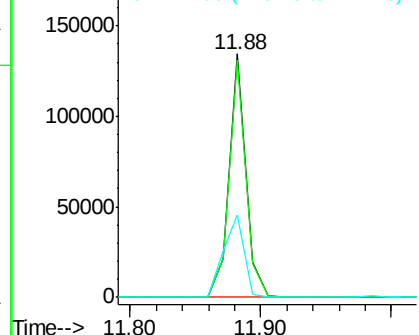
#41
 2,4,6-Tribromophenol
 Concen: 142.95 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	41.4	0.0	0.0#

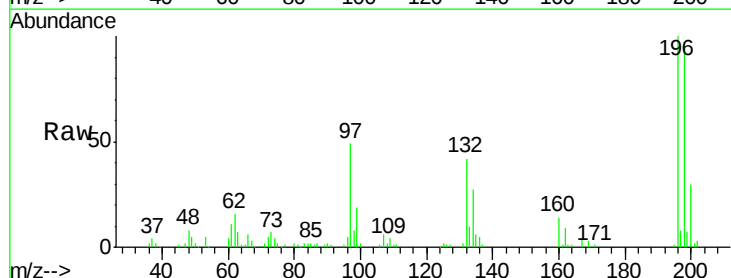


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

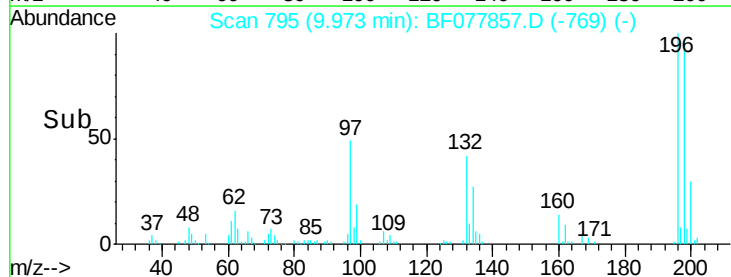
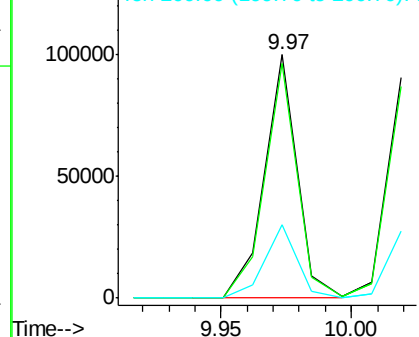


#42
 2,4,6-Trichlorophenol
 Concen: 47.69 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.3	114.5
200	30.2	25.6	38.4



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

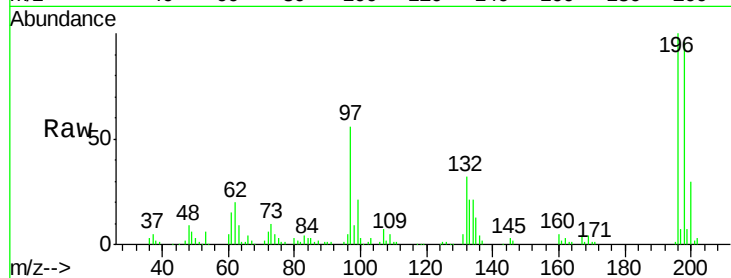




#43
2,4,5-Trichlorophenol
Concen: 45.64 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.4	119.0
97	55.6	26.8	40.2
132	31.6	18.6	28.0



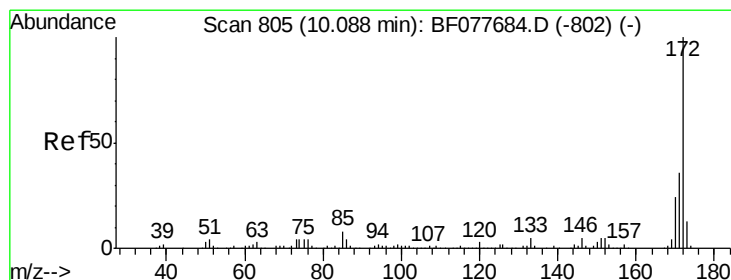
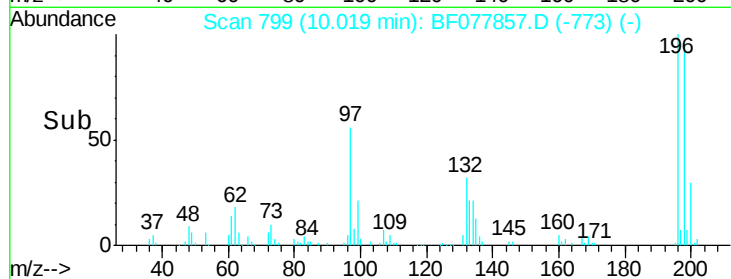
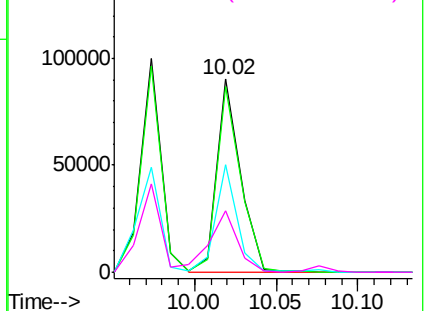
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

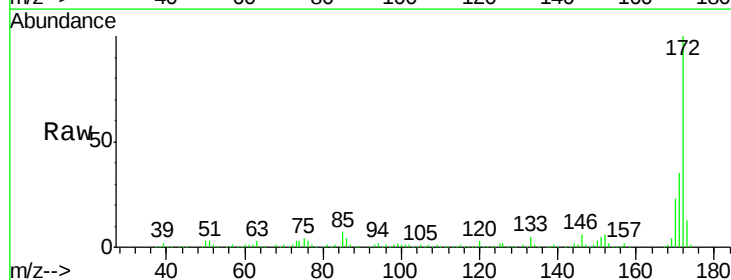
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 97.88 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.4	18.8	28.2

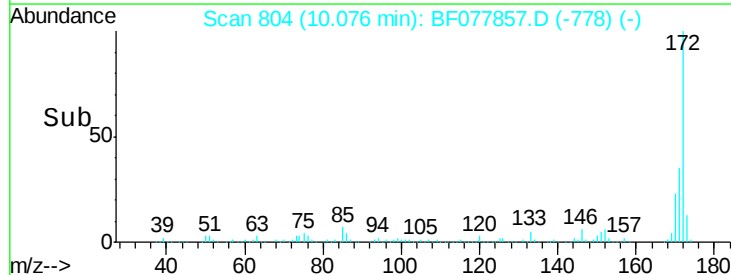
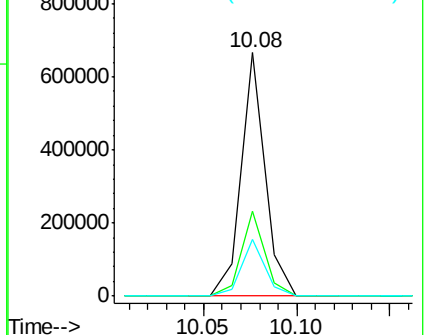


Abundance

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: 46.78 ng

RT: 10.20 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

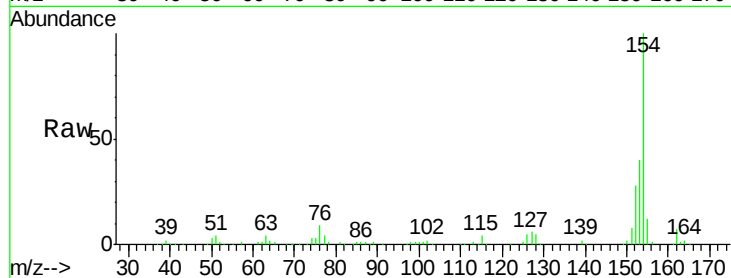
Tot Ion:154 Resp: 333556

Ion Ratio Lower Upper

154 100

153 40.4 20.7 60.7

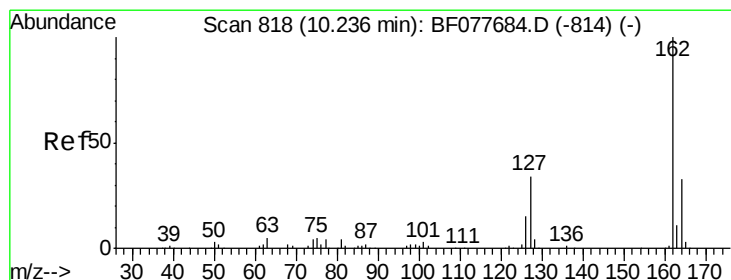
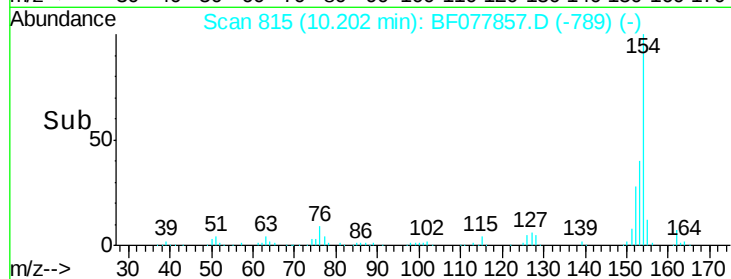
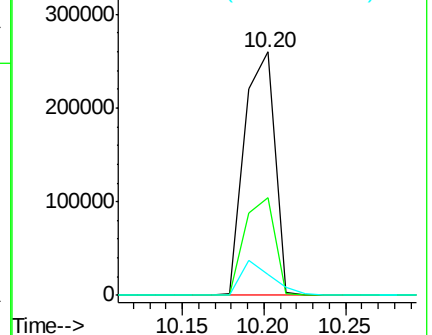
76 8.7 0.0 30.9



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): BFO



#46

2-Chloronaphthalene

Concen: 46.00 ng

RT: 10.21 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

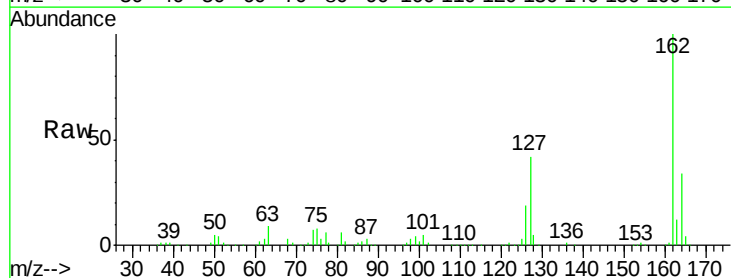
Tgt Ion:162 Resp: 266541

Ion Ratio Lower Upper

162 100

127 41.5 26.9 40.3#

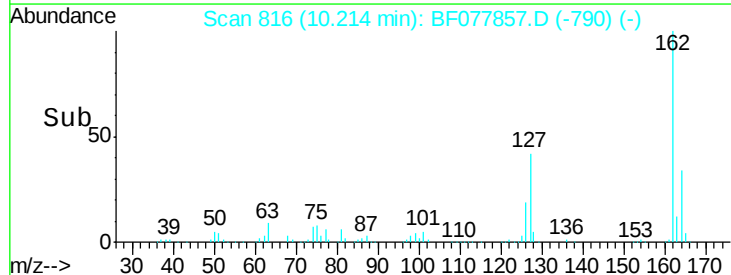
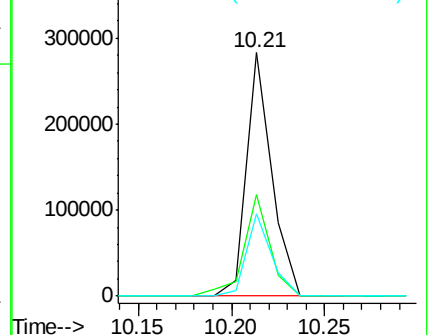
164 33.8 26.8 40.2

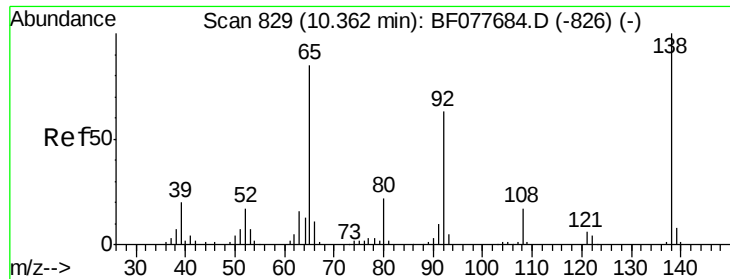


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

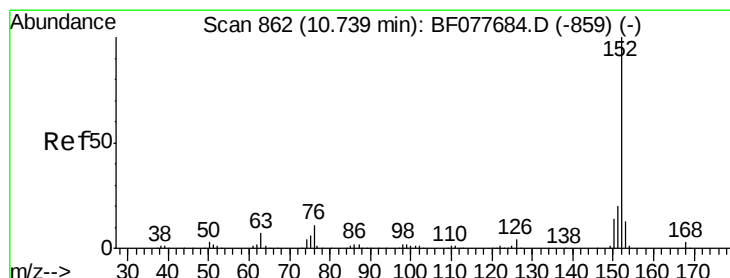
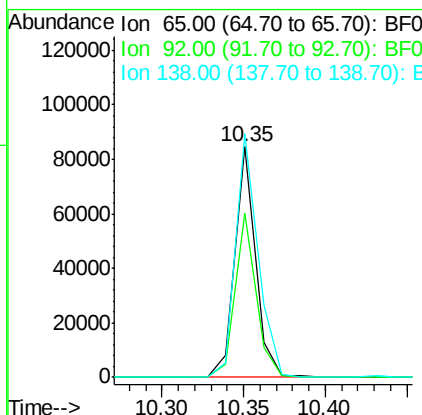
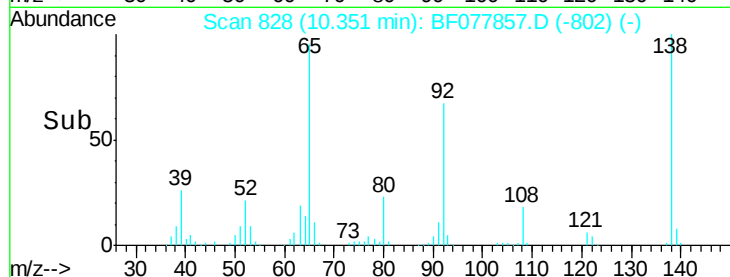
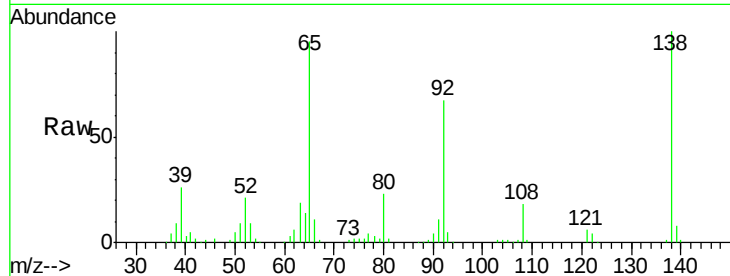




#47
 2-Nitroaniline
 Concen: 50.89 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

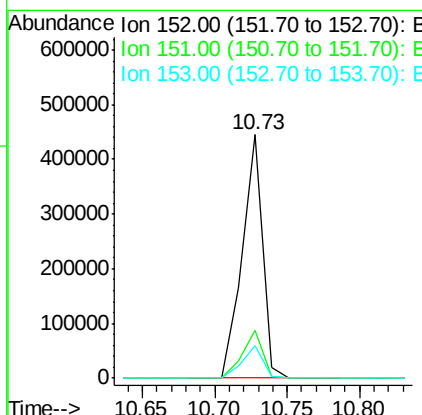
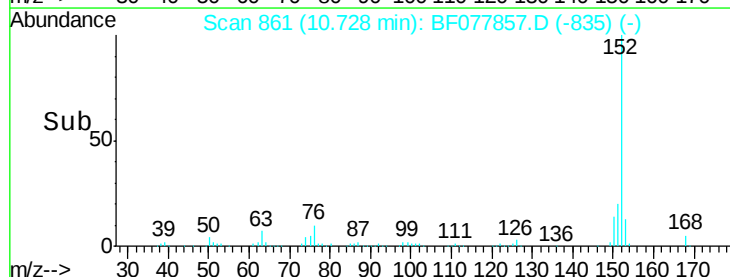
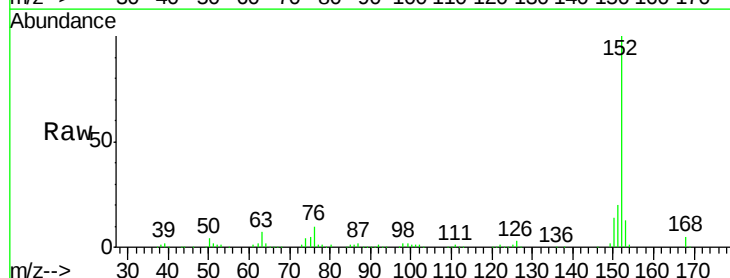
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

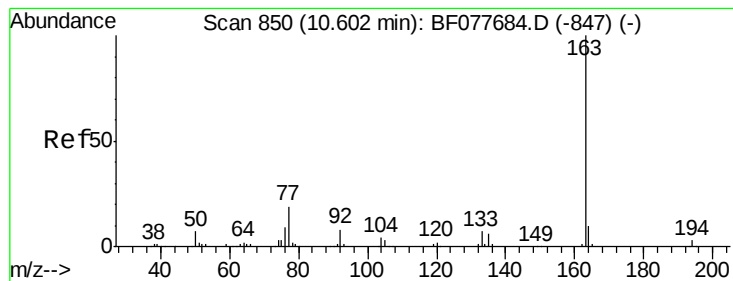
Tot Ion: 65 Resp: 73244
 Ion Ratio Lower Upper
 65 100
 92 71.0 59.1 88.7
 138 105.7 93.9 140.9



#48
 Acenaphthylene
 Concen: 44.89 ng
 RT: 10.73 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Tgt Ion: 152 Resp: 432574
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.9 23.9
 153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 50.99 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

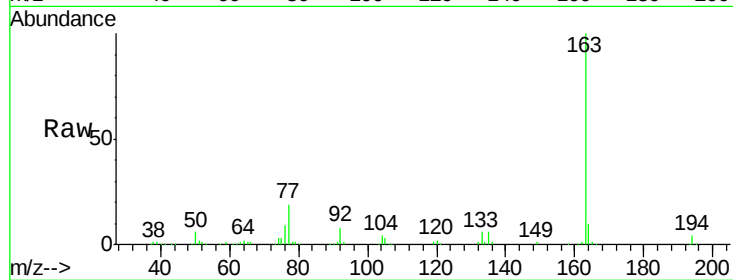
Tot Ion:163 Resp: 337362

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

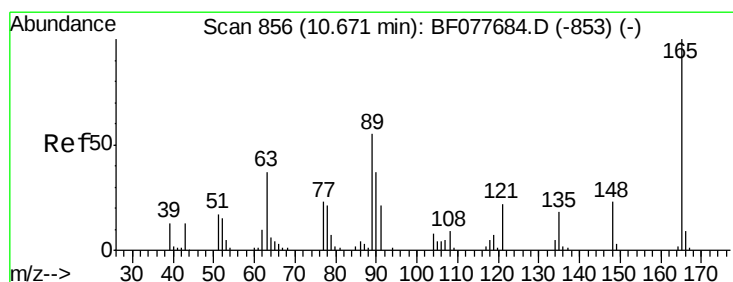
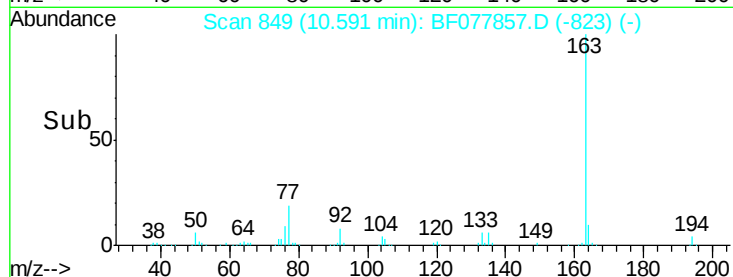
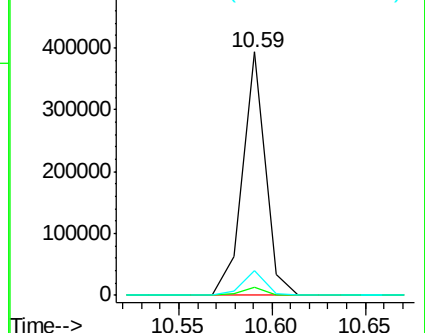
164 10.3 8.2 12.2



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: 48.38 ng

RT: 10.66 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

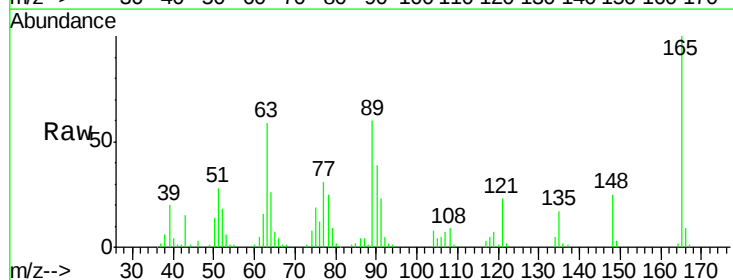
Tgt Ion:165 Resp: 66355

Ion Ratio Lower Upper

165 100

63 58.5 44.1 66.1

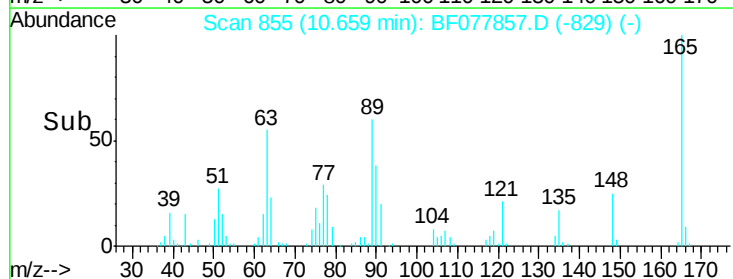
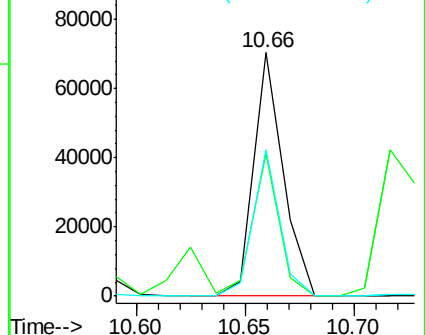
89 60.3 44.3 66.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.47 ng

RT: 10.95 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

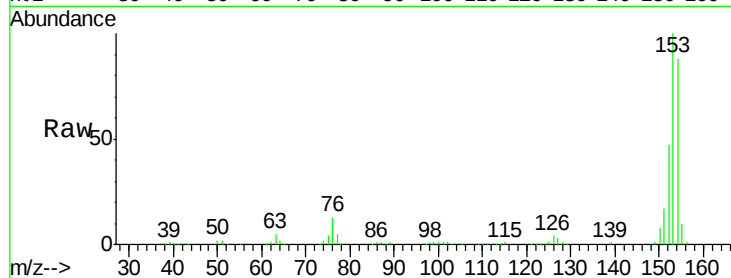
Tot Ion:154 Resp: 245698

Ion Ratio Lower Upper

154 100

153 113.5 90.0 135.0

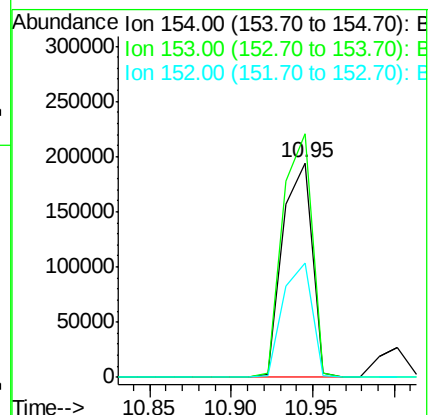
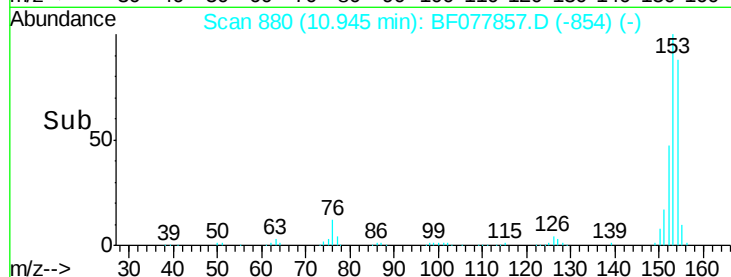
152 53.1 42.6 63.8



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: 20.46 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

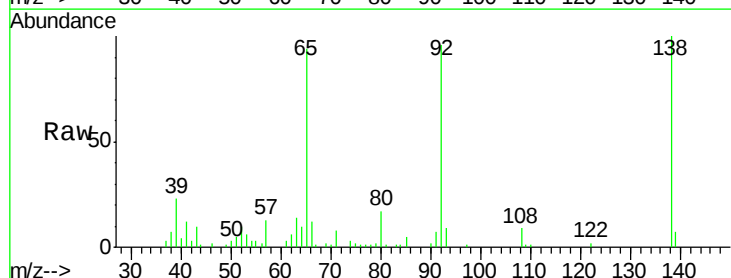
Tgt Ion:138 Resp: 32594

Ion Ratio Lower Upper

138 100

108 9.0 7.3 10.9

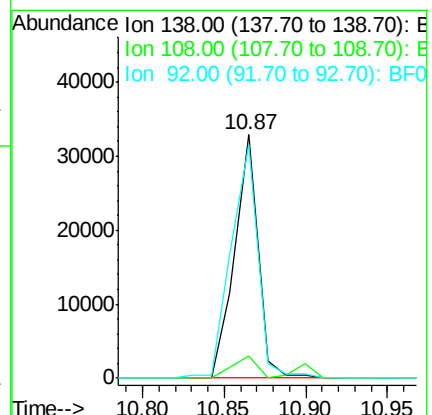
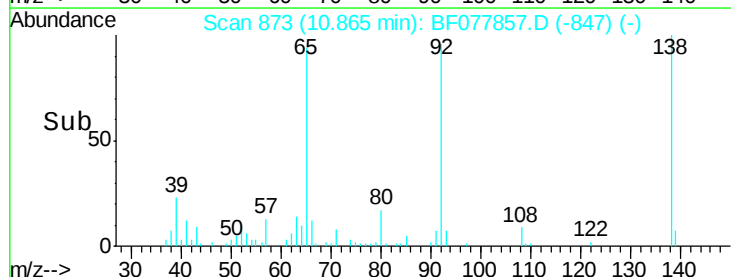
92 96.0 76.6 114.8

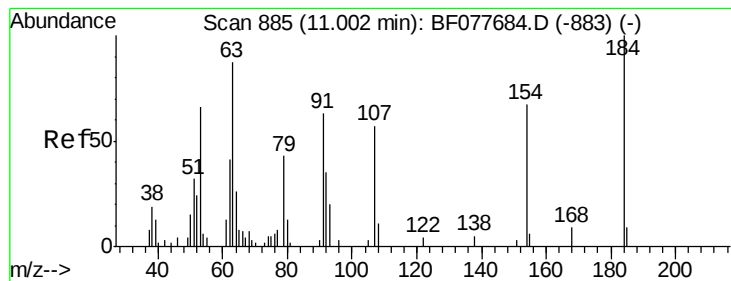


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 107.57 ng

RT: 11.00 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

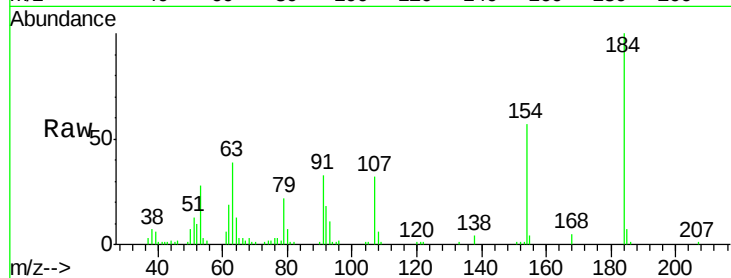
Tot Ion:184 Resp: 55754

Ion Ratio Lower Upper

184 100

63 38.7 69.2 103.8#

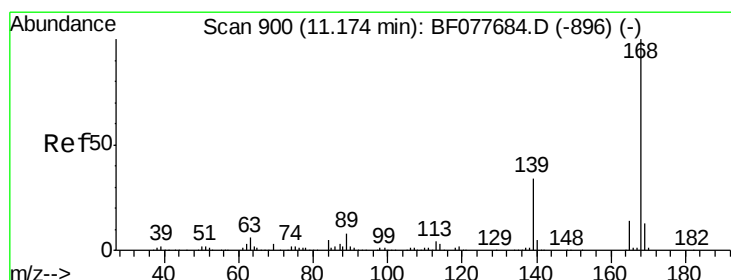
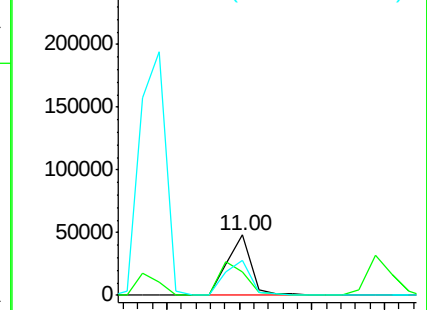
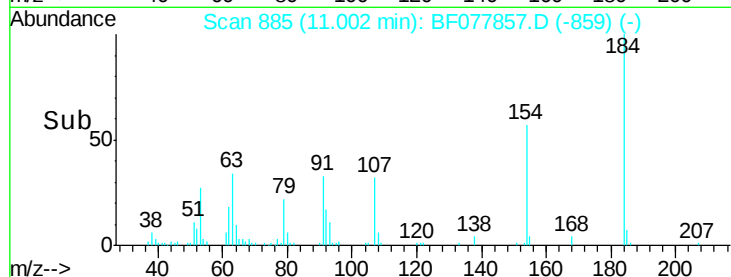
154 56.9 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.42 ng

RT: 11.15 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

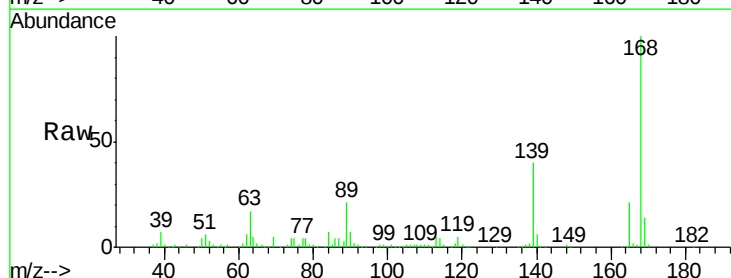
Tgt Ion:168 Resp: 388567

Ion Ratio Lower Upper

168 100

139 40.4 27.3 40.9

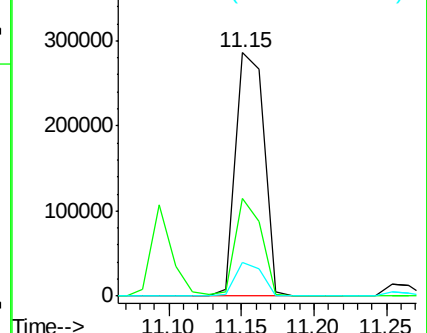
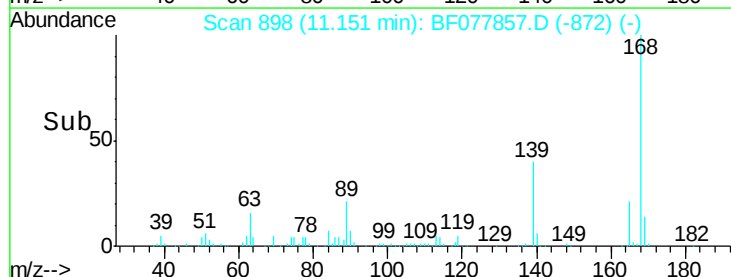
169 14.1 10.6 16.0

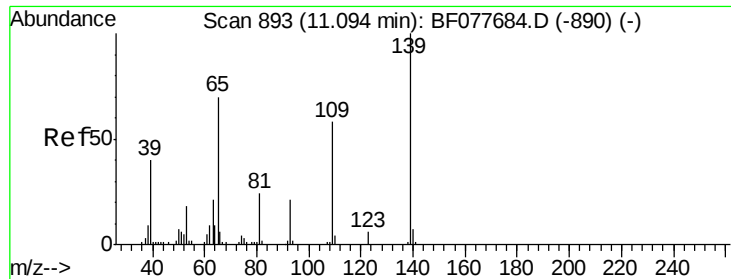


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

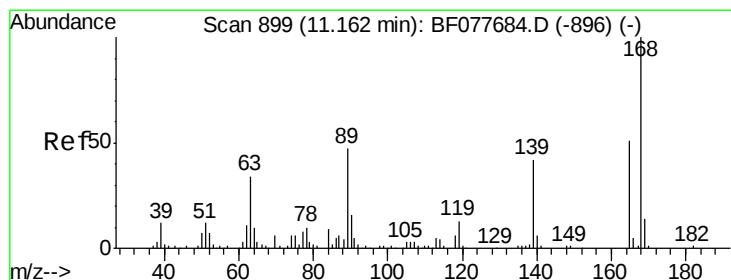
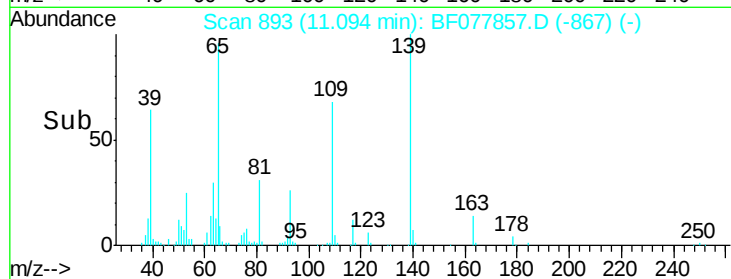
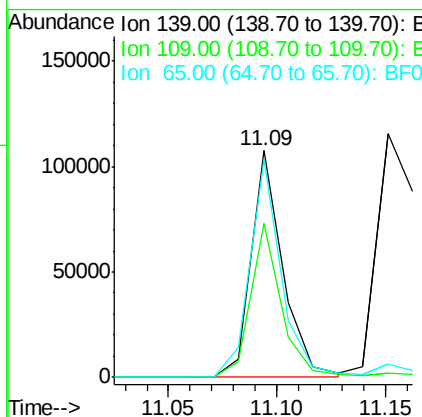
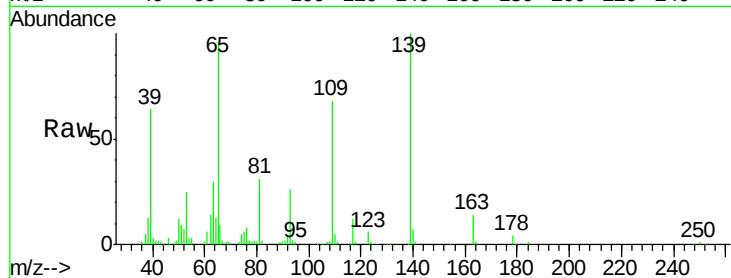




#55
4-Nitrophenol
Concen: 92.42 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

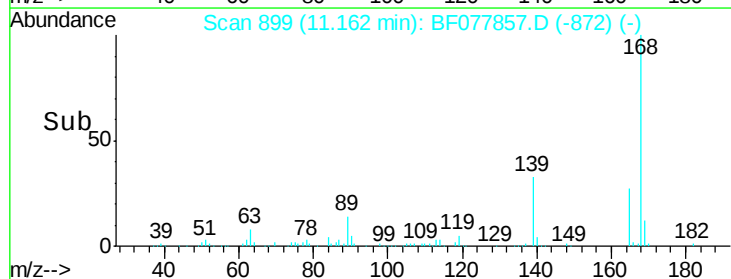
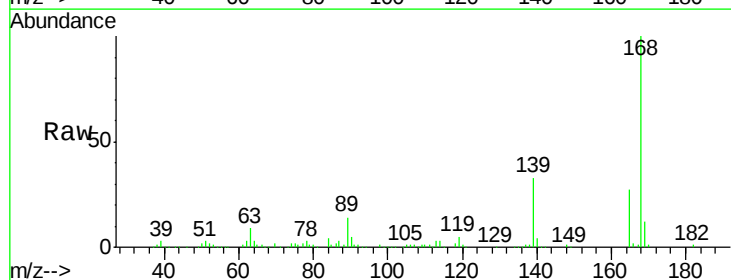
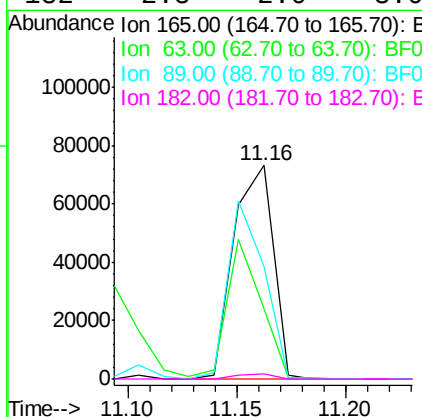
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

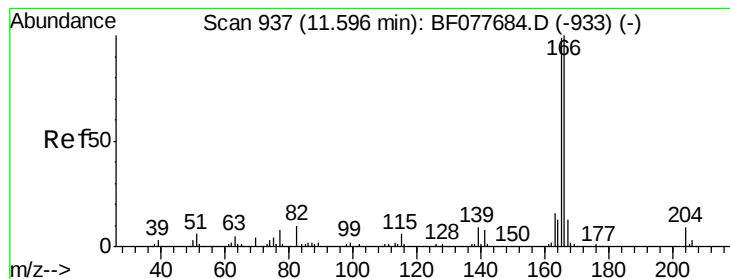
Tot Ion:139 Resp: 109043
Ion Ratio Lower Upper
139 100
109 68.2 37.7 77.7
65 96.4 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 51.86 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:165 Resp: 92746
Ion Ratio Lower Upper
165 100
63 33.2 52.4 78.6#
89 52.8 72.4 108.6#
182 2.5 2.0 3.0





#57

Fluorene

Concen: 46.13 ng

RT: 11.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

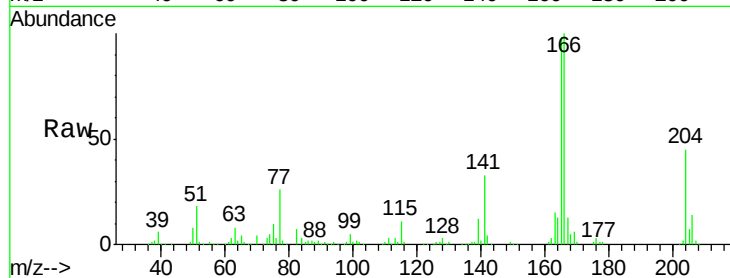
Tot Ion:166 Resp: 313847

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

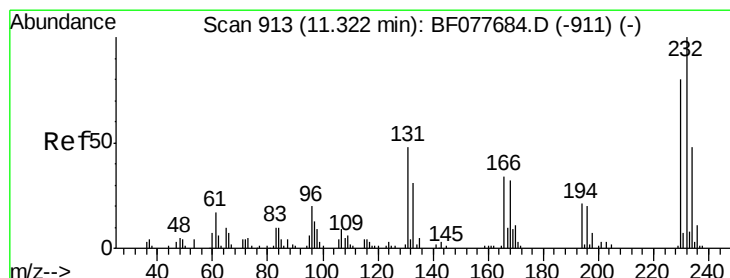
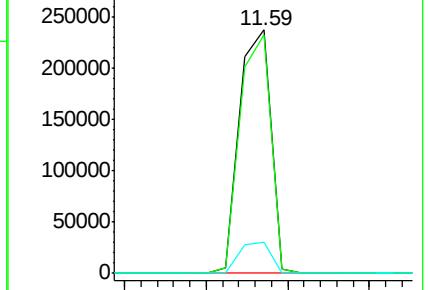
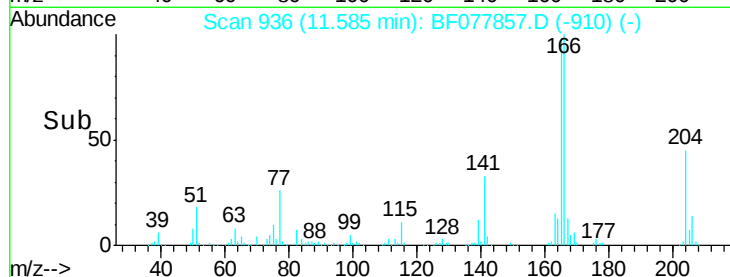
167 12.9 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.09 ng

RT: 11.31 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Tgt Ion:232 Resp: 75259

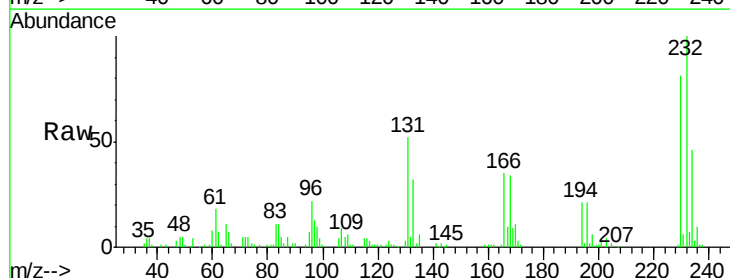
Ion Ratio Lower Upper

232 100

131 47.5 0.0 0.0#

130 2.0 0.0 0.0#

166 31.7 0.0 0.0#

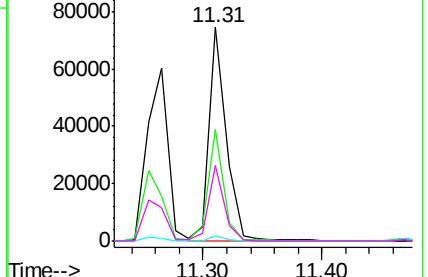
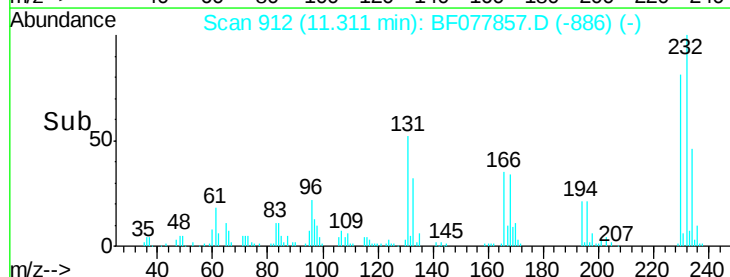


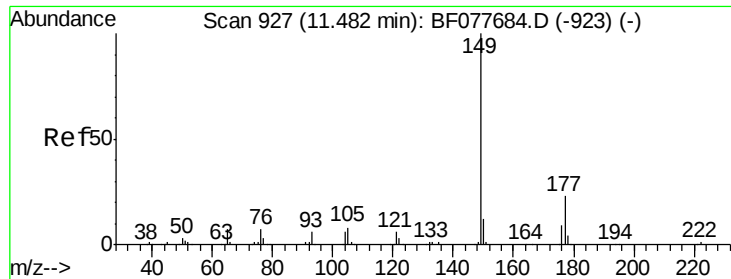
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

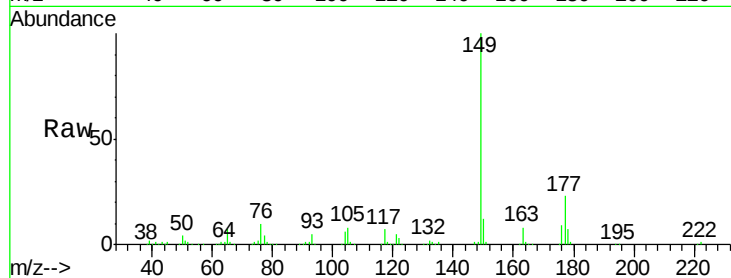




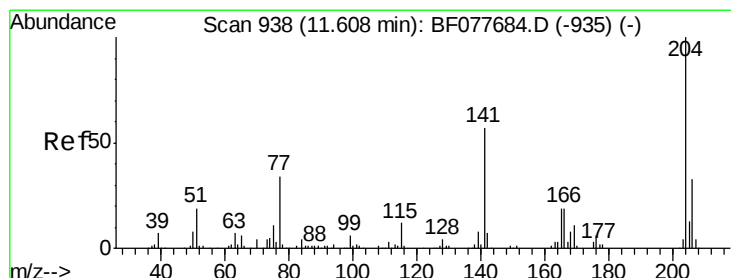
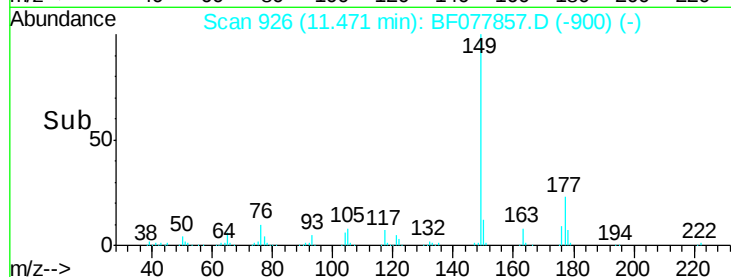
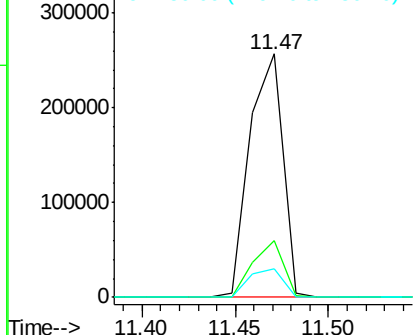
#59
Diethylphthalate
Concen: 49.01 ng
RT: 11.47 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion:149 Resp: 315944
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 11.7 9.8 14.8

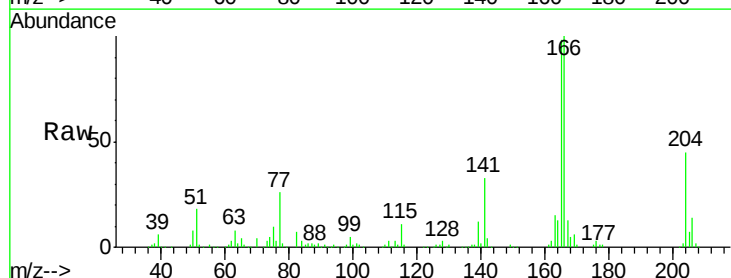


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

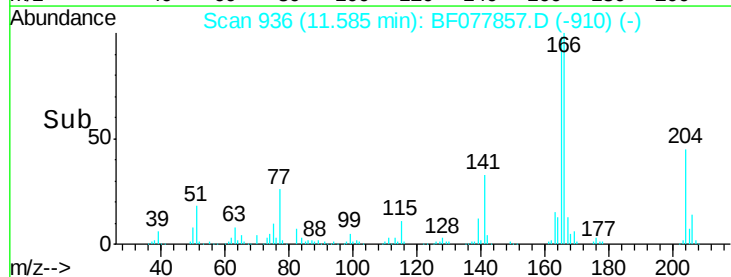
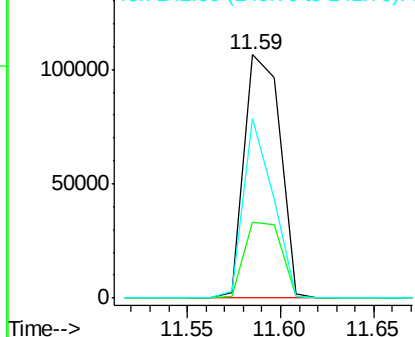


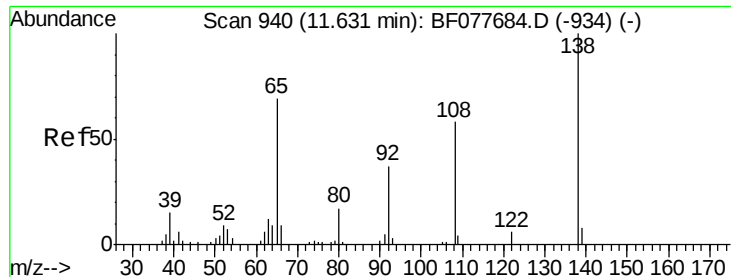
#60
4-Chlorophenyl-phenylether
Concen: 45.77 ng
RT: 11.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:204 Resp: 142134
Ion Ratio Lower Upper
204 100
206 31.3 26.6 39.8
141 73.9 45.2 67.8#



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

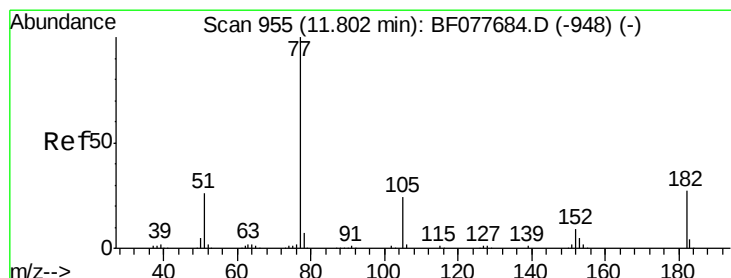
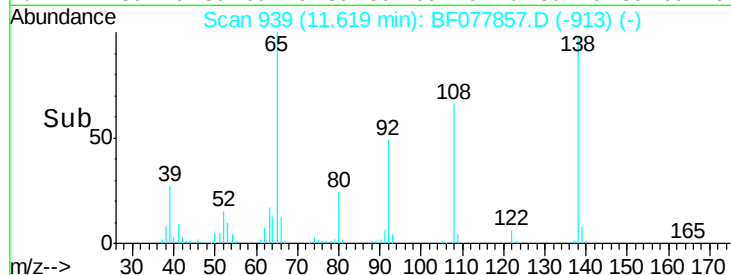
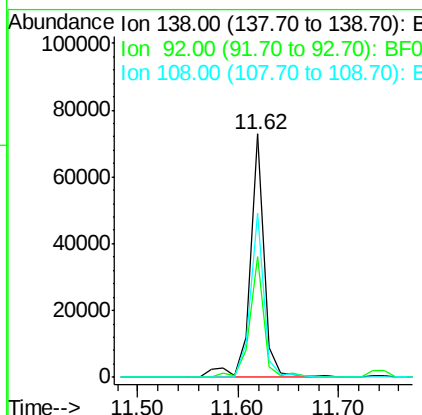
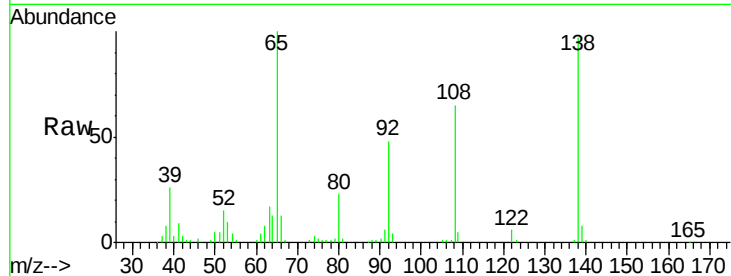




#61
4-Nitroaniline
Concen: 44.43 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

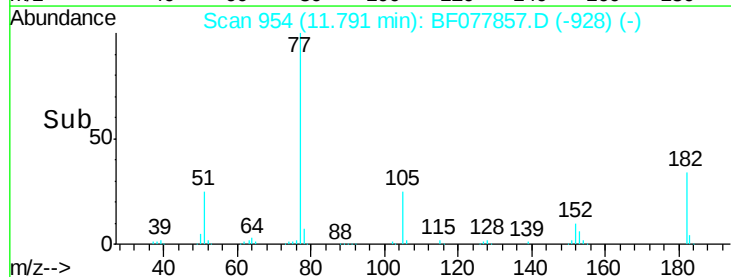
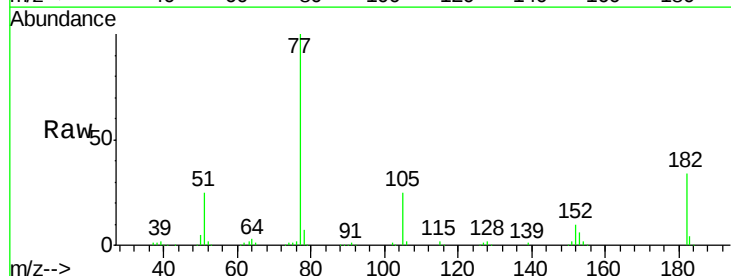
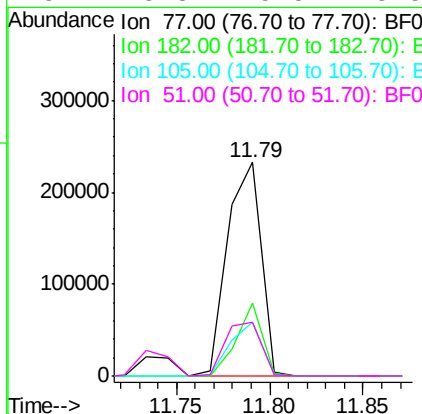
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion:138 Resp: 70520
Ion Ratio Lower Upper
138 100
92 49.4 16.7 56.7
108 67.3 37.6 77.6



#62
Azobenzene
Concen: 47.95 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion: 77 Resp: 295417
Ion Ratio Lower Upper
77 100
182 33.9 6.5 46.5
105 25.2 3.8 43.8
51 25.3 5.5 45.5

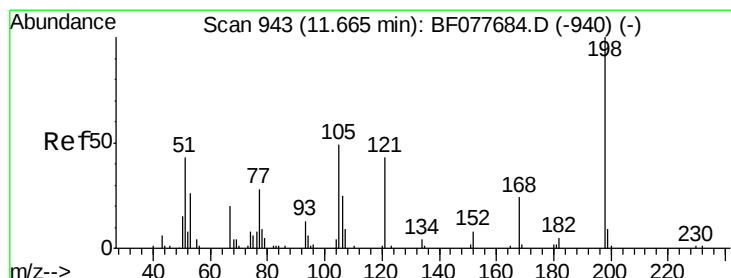
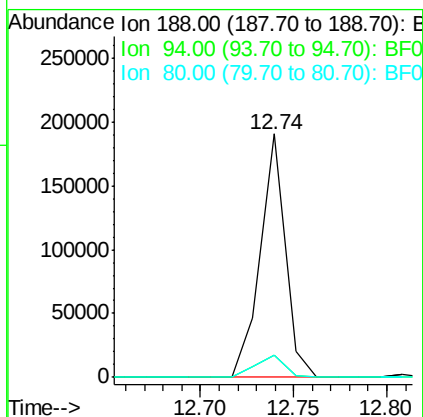
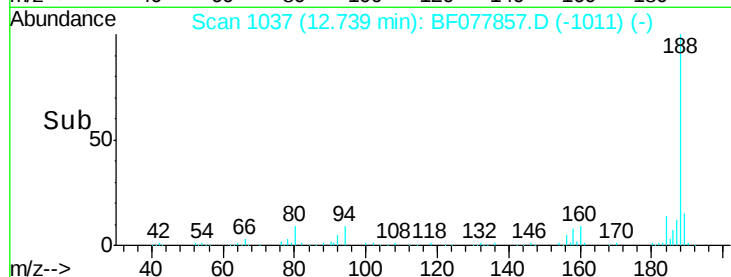
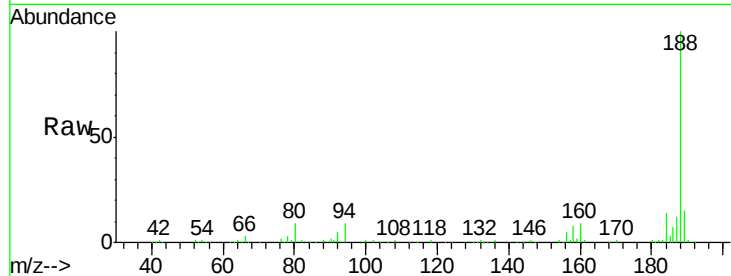




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

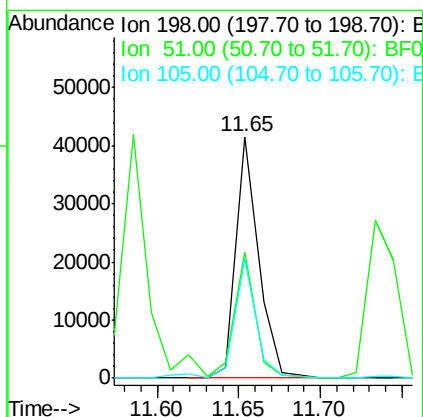
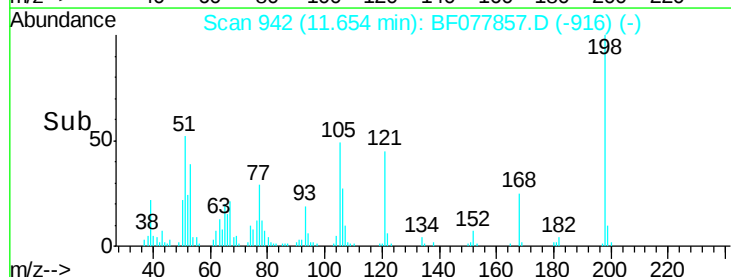
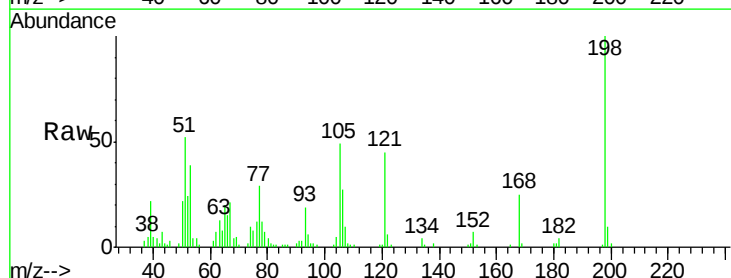
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

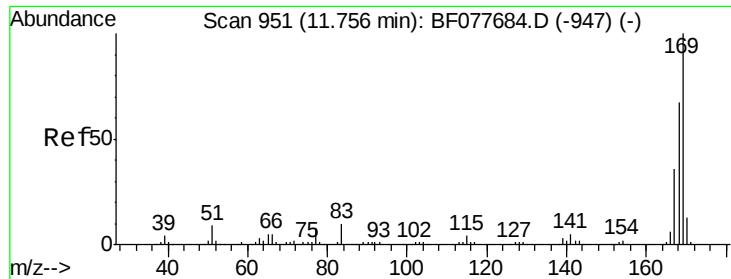
Tot Ion:188 Resp: 177358
Ion Ratio Lower Upper
188 100
94 8.9 8.7 13.1
80 9.2 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.48 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:198 Resp: 39721
Ion Ratio Lower Upper
198 100
51 52.2 28.8 68.8
105 49.4 30.5 70.5

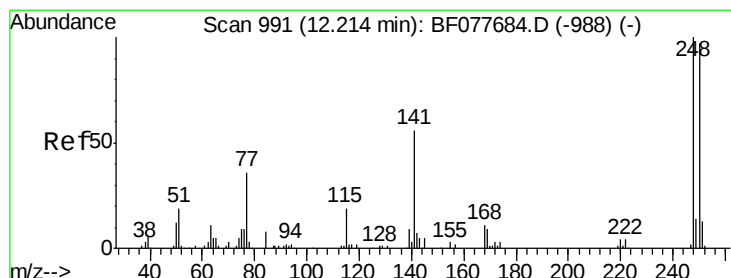
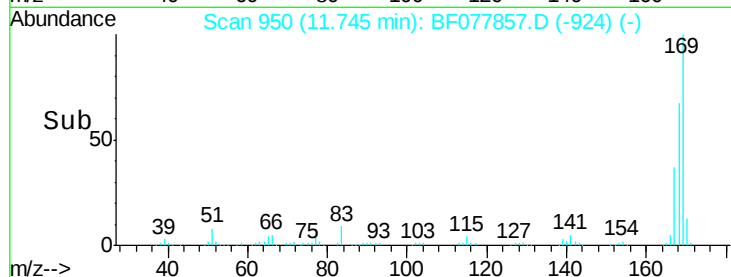
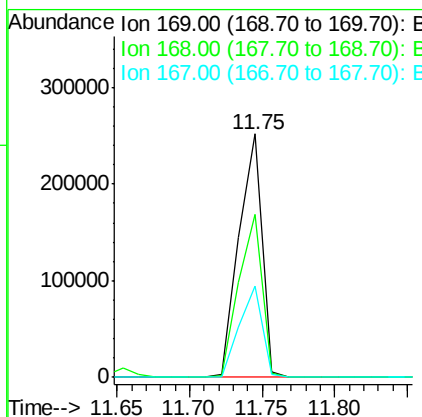
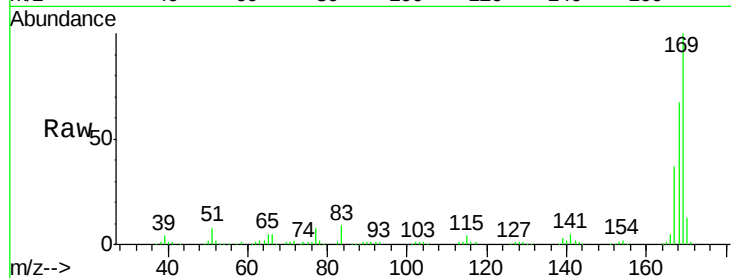




#65
n-Nitrosodiphenylamine
Concen: 47.12 ng
RT: 11.75 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

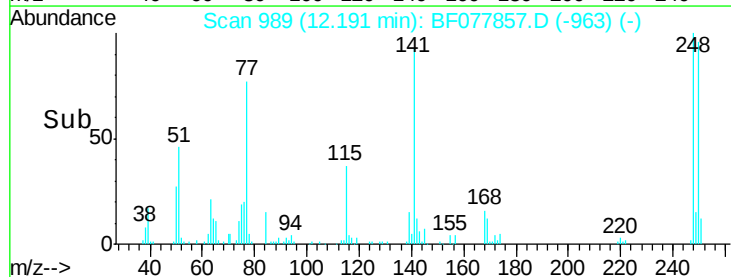
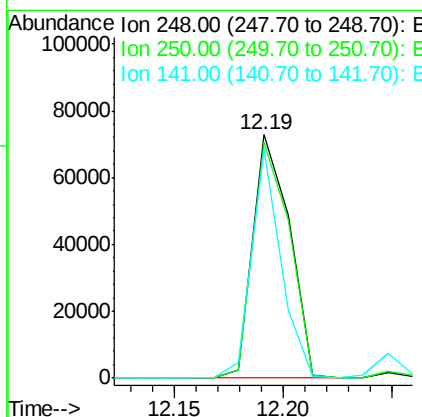
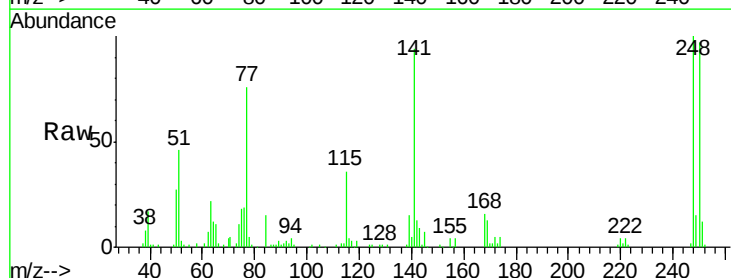
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion:169 Resp: 278264
Ion Ratio Lower Upper
169 100
168 67.0 53.9 80.9
167 37.3 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 45.22 ng
RT: 12.19 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:248 Resp: 85587
Ion Ratio Lower Upper
248 100
250 96.7 77.4 116.0
141 94.3 45.2 67.8#

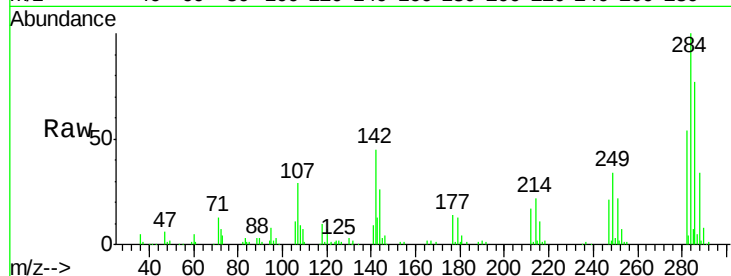




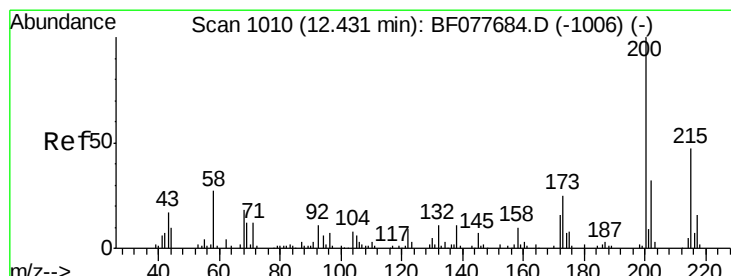
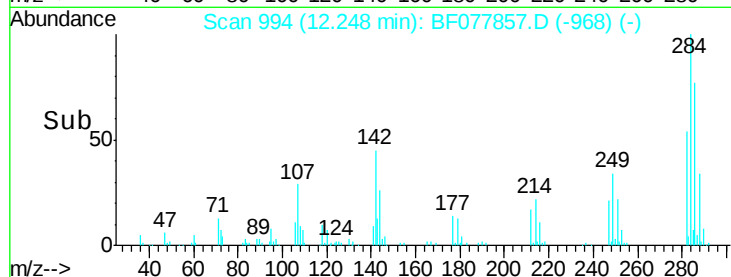
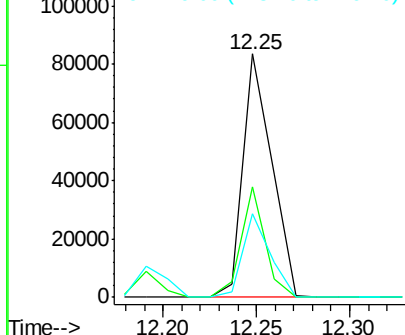
#67
Hexachlorobenzene
Concen: 43.23 ng
RT: 12.25 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion:284 Resp: 89898
Ion Ratio Lower Upper
284 100
142 45.2 20.4 30.6#
249 34.3 23.8 35.6

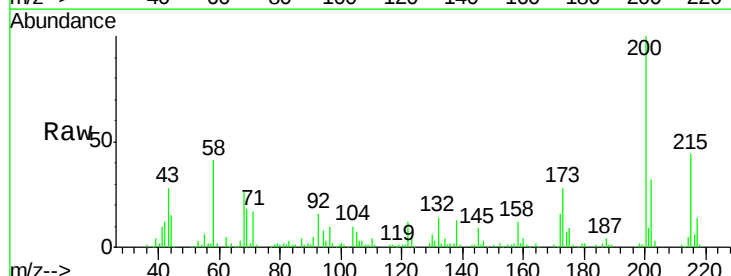


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

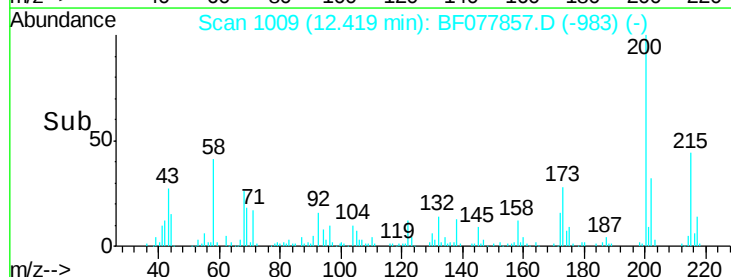
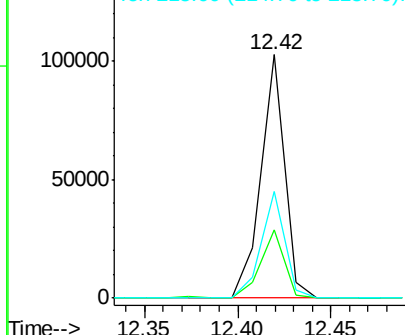


#68
Atrazine
Concen: 54.45 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:200 Resp: 90122
Ion Ratio Lower Upper
200 100
173 28.0 4.8 44.8
215 43.9 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

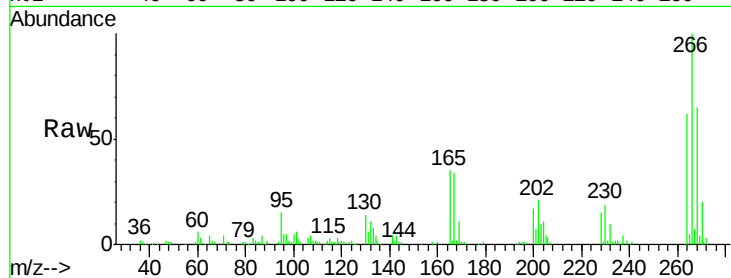




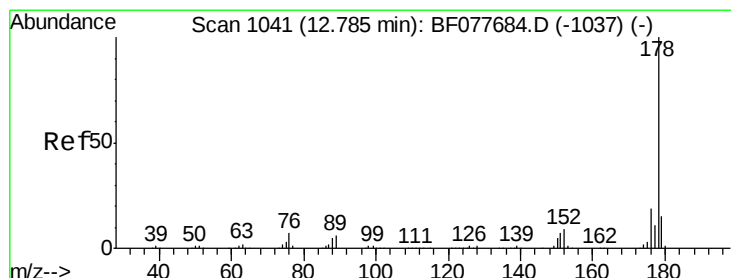
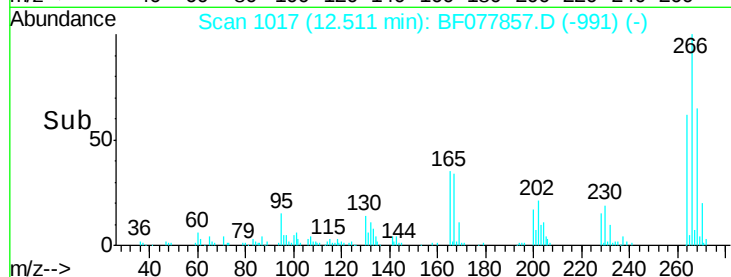
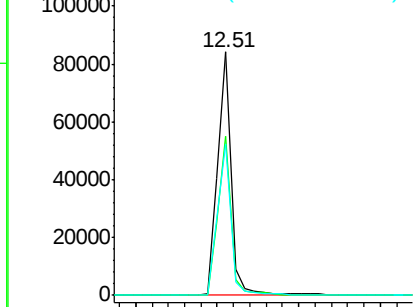
#69
 Pentachlorophenol
 Concen: 89.20 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

Tot Ion:266 Resp: 97566
 Ion Ratio Lower Upper
 266 100
 268 65.3 52.0 78.0
 264 62.4 49.0 73.4

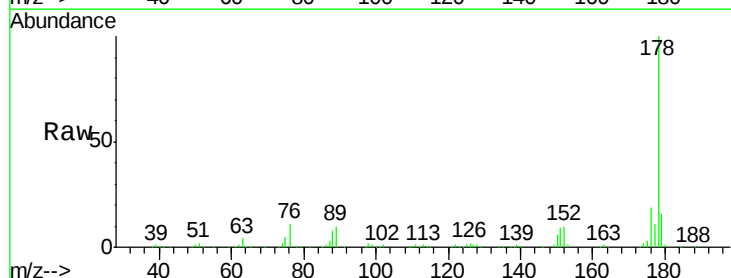


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

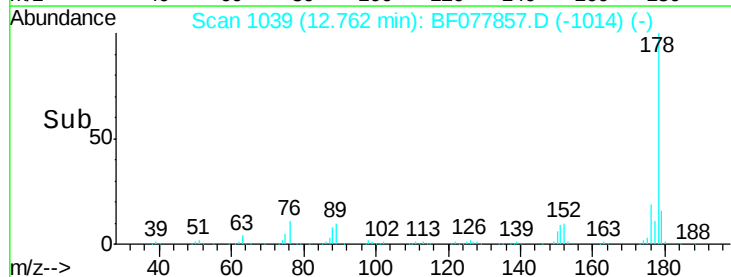
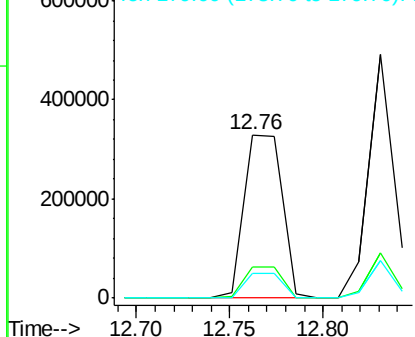


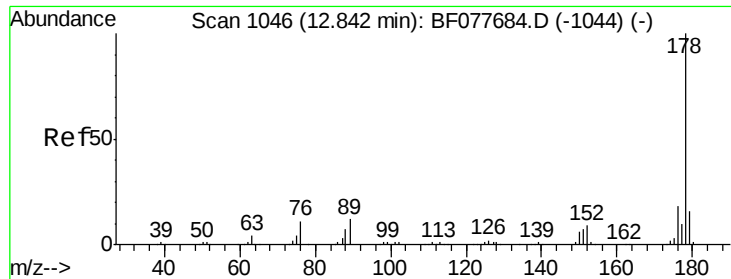
#70
 Phenanthrene
 Concen: 45.57 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Tgt Ion:178 Resp: 464019
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.6 12.1 18.1



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

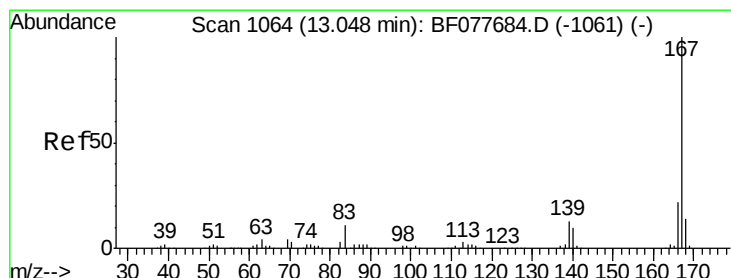
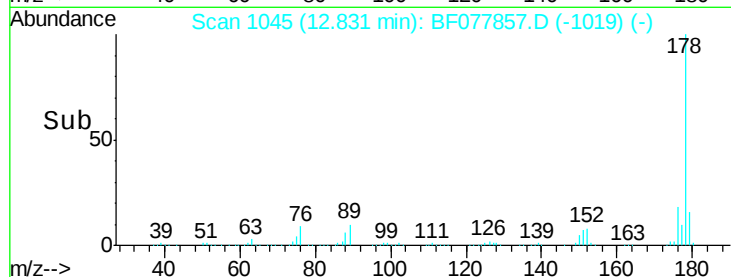
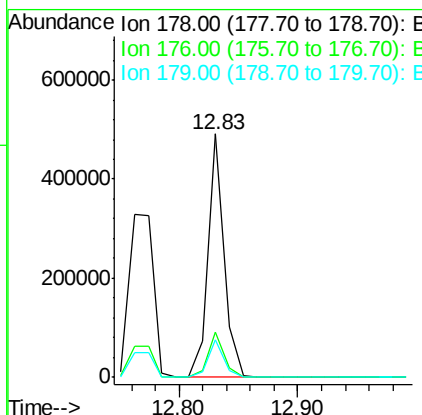
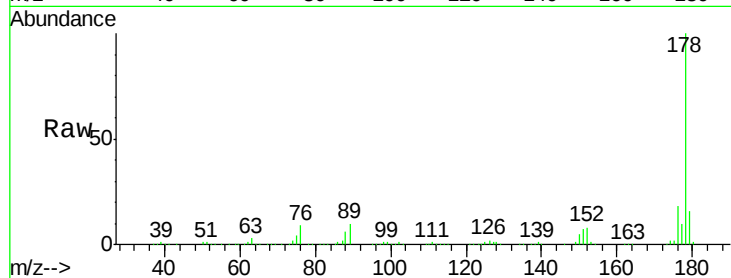




#71
 Anthracene
 Concen: 45.73 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

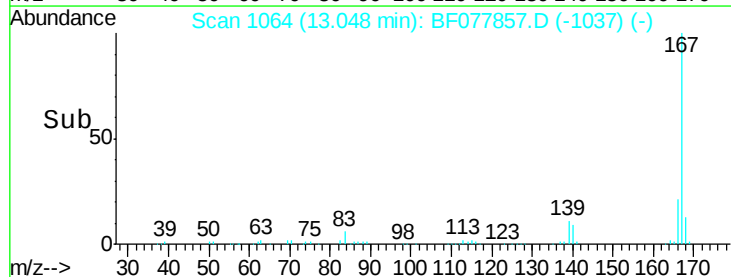
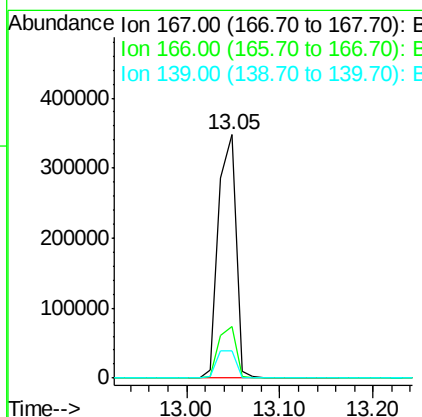
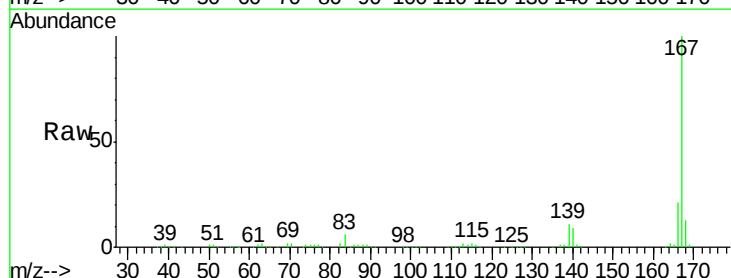
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

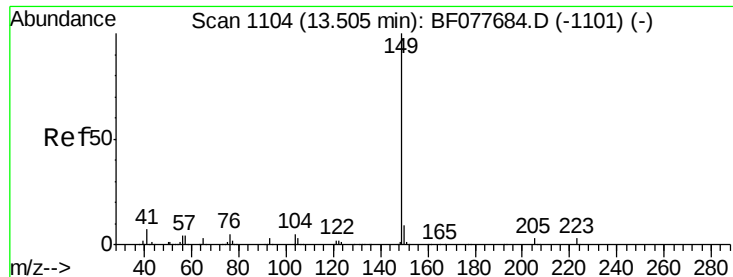
Tot Ion:178 Resp: 460019
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 47.37 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.01 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Tgt Ion:167 Resp: 453311
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 11.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 46.98 ng

RT: 13.49 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

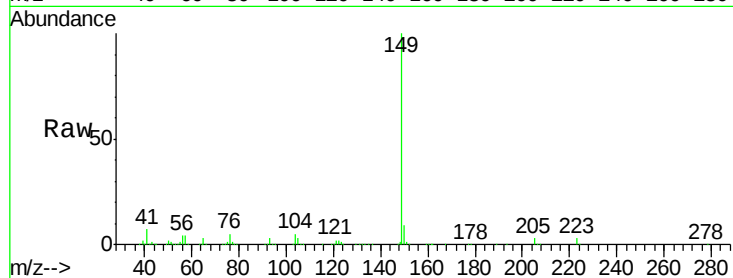
Tot Ion:149 Resp: 504093

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

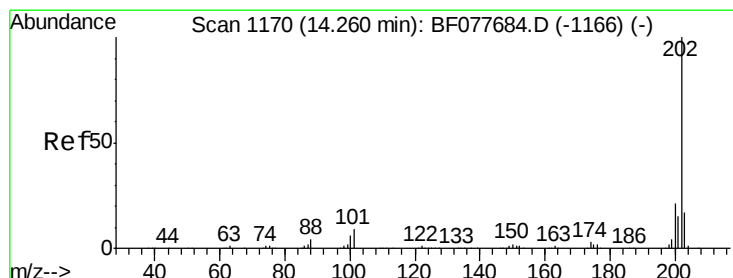
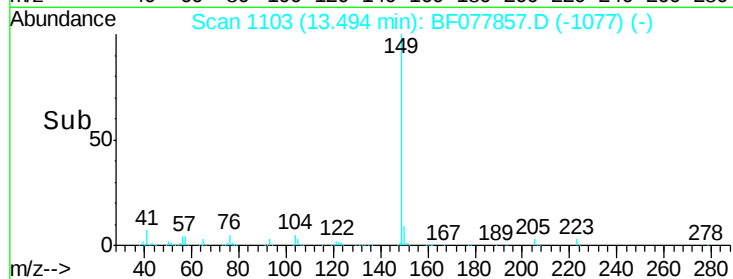
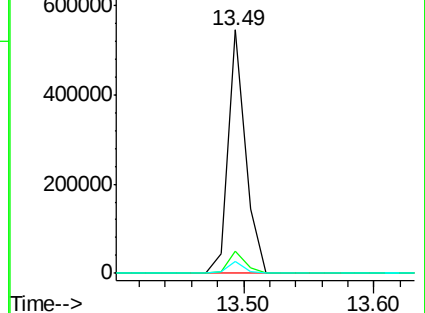
104 4.7 3.7 5.5



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: 45.47 ng

RT: 14.24 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

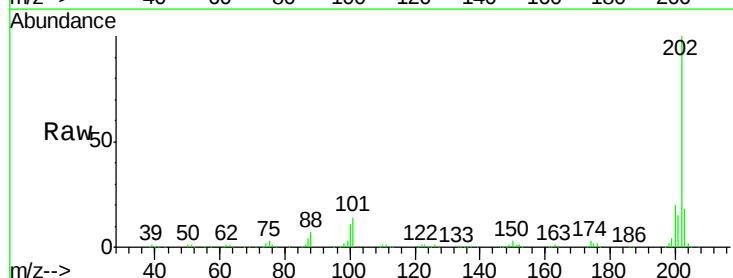
Tgt Ion:202 Resp: 510655

Ion Ratio Lower Upper

202 100

101 14.4 0.0 28.7

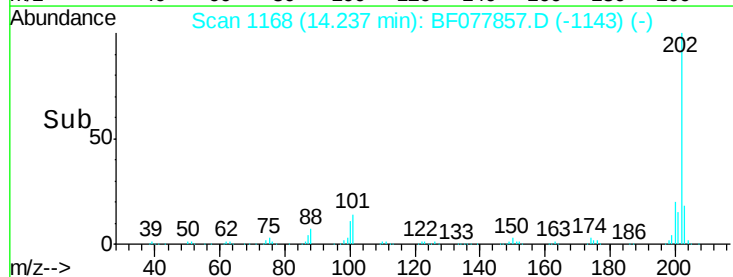
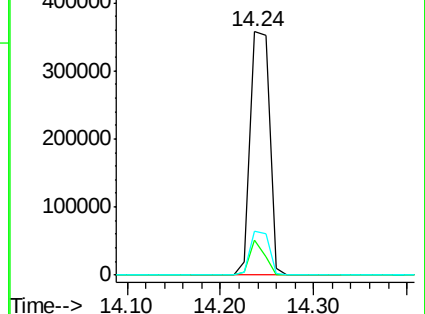
203 18.2 0.0 37.2

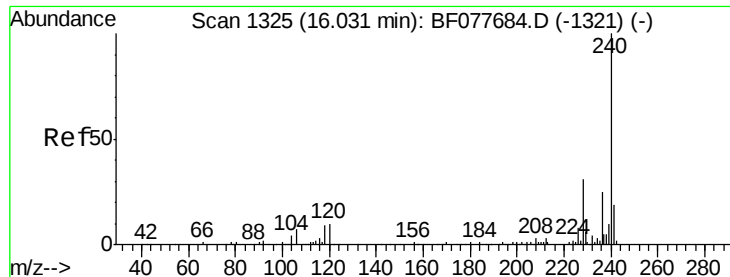


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

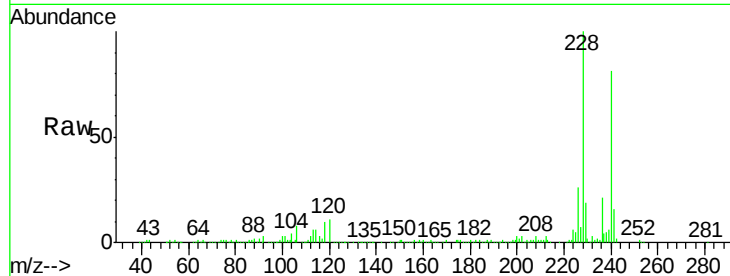
Tot Ion:240 Resp: 179665

Ion Ratio Lower Upper

240 100

120 14.1 8.2 12.2#

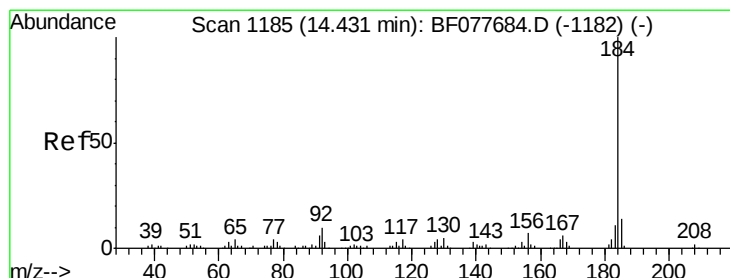
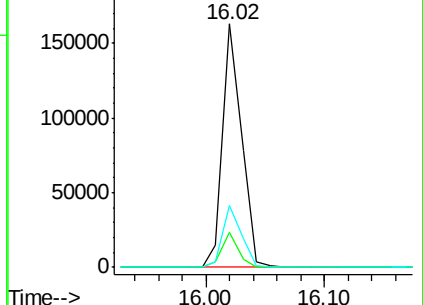
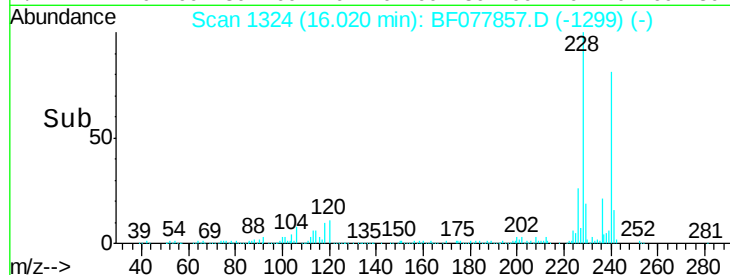
236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.69 ng

RT: 14.43 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

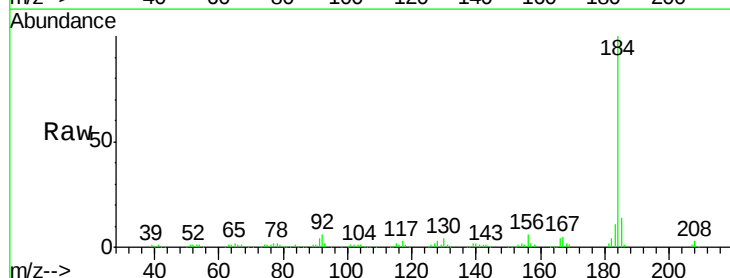
Tgt Ion:184 Resp: 150058

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

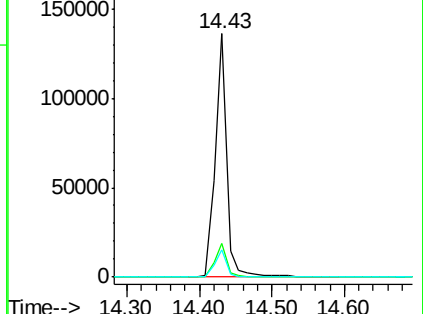
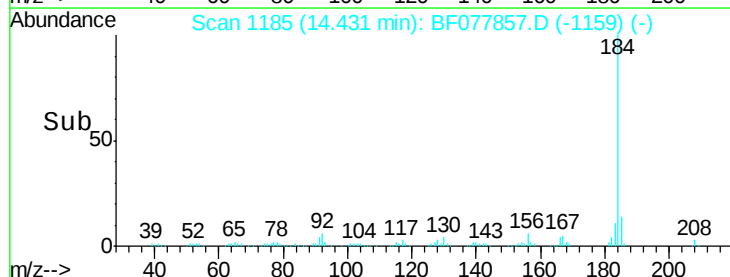
183 11.2 8.9 13.3

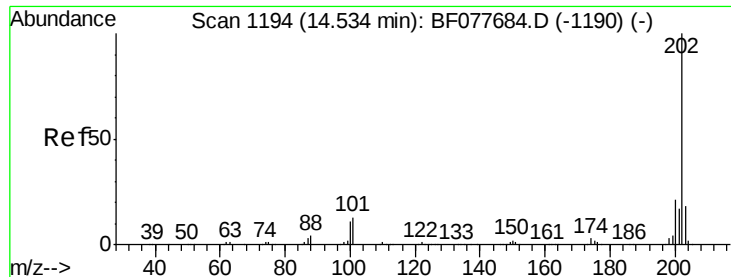


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

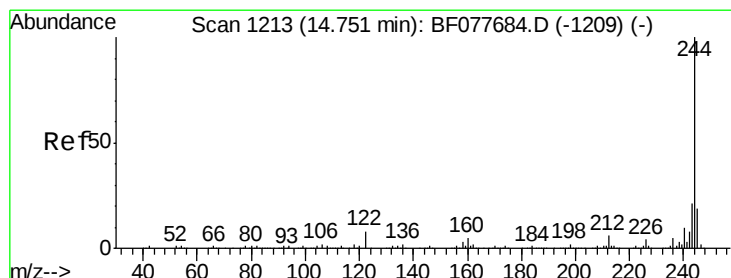
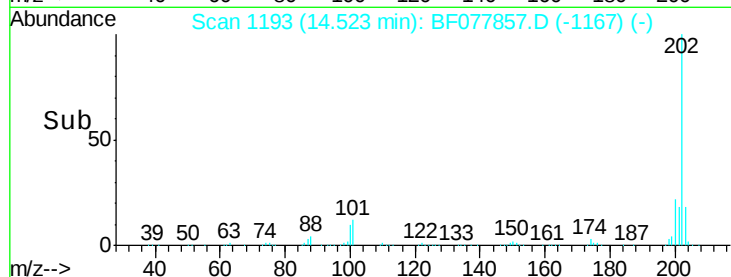
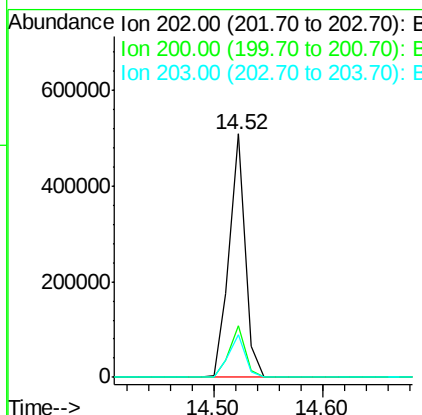
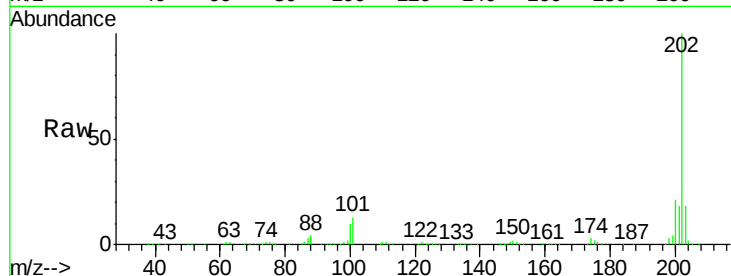




#77
Pvrene
Concen: 45.95 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

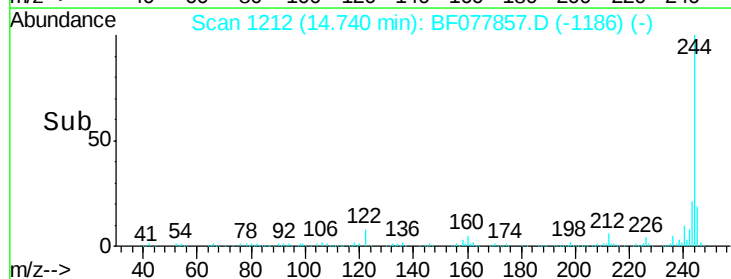
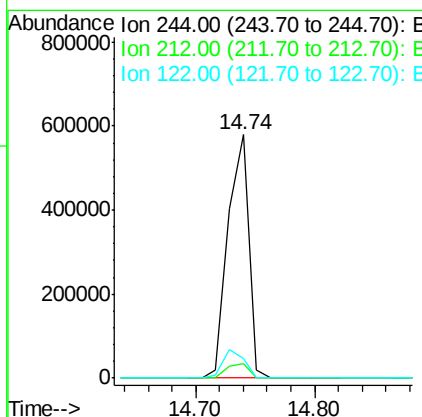
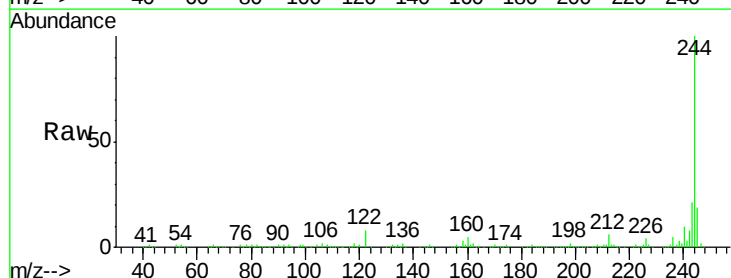
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

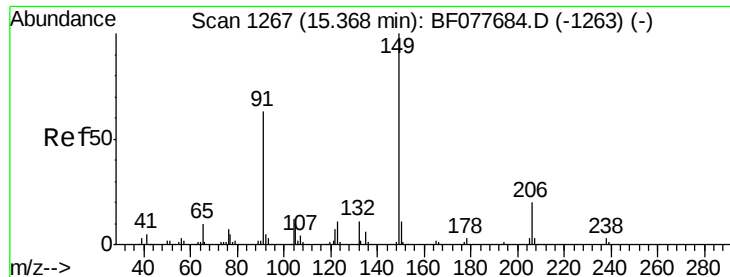
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.5	14.1	21.1



#78
Terphenyl-d14
Concen: 95.66 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	4.9	7.3
122	7.8	6.2	9.4

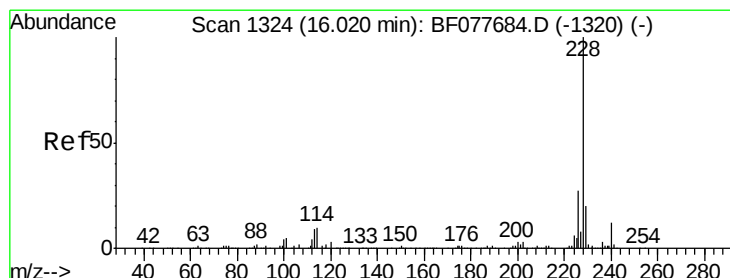
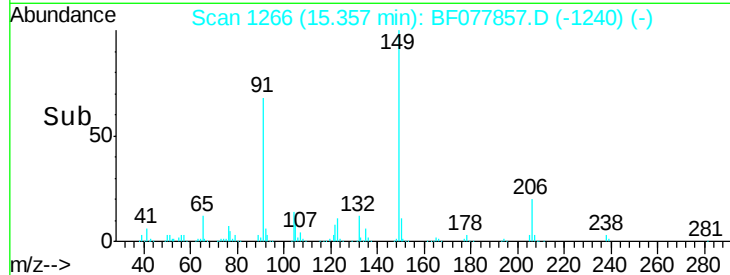
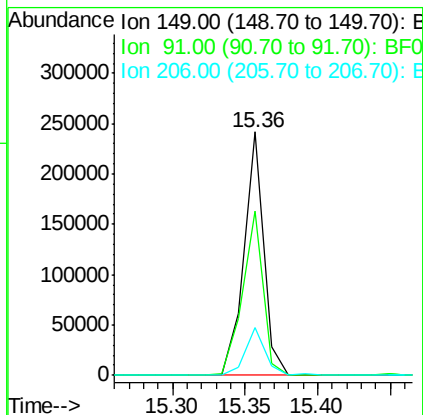
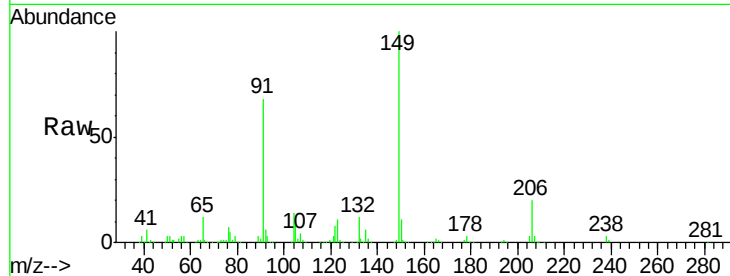




#79
Butylbenzylphthalate
Concen: 51.38 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

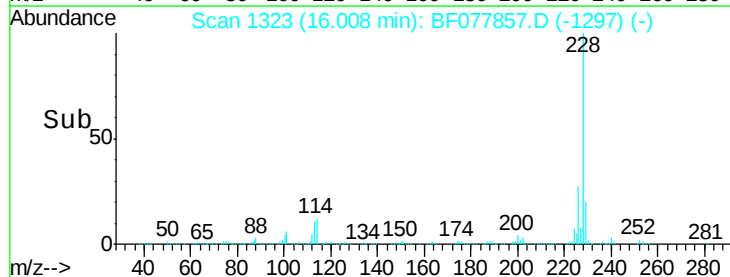
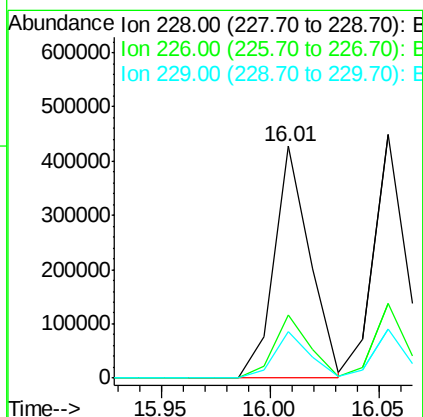
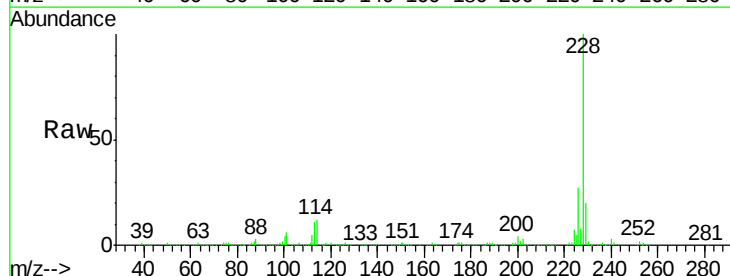
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

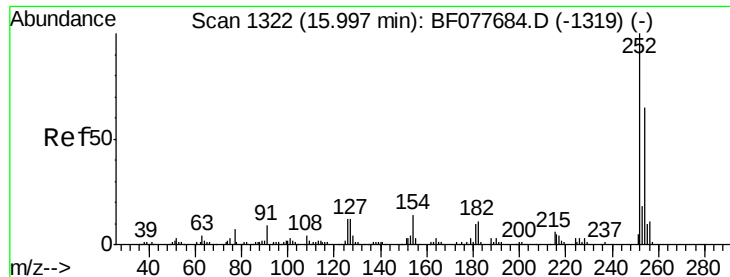
Tot Ion:149 Resp: 228857
Ion Ratio Lower Upper
149 100
91 67.7 50.1 75.1
206 19.5 16.2 24.2



#80
Benzo(a)anthracene
Concen: 46.08 ng
RT: 16.01 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:228 Resp: 490788
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 20.1 16.0 24.0





#81

3,3'-Dichlorobenzidine

Concen: 24.42 ng

RT: 16.00 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

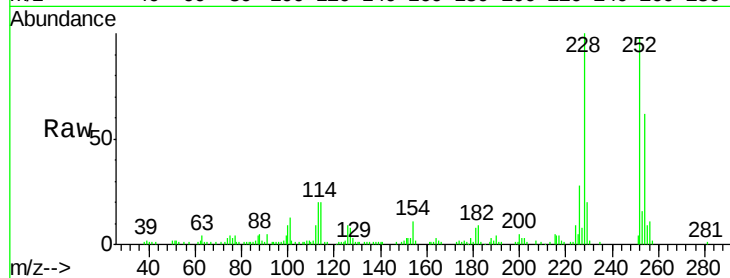
Tot Ion:252 Resp: 85779

Ion Ratio Lower Upper

252 100

254 63.5 51.9 77.9

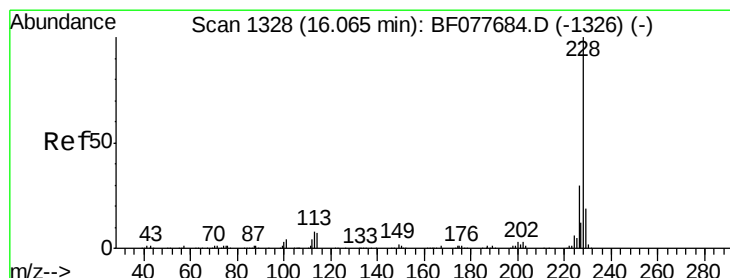
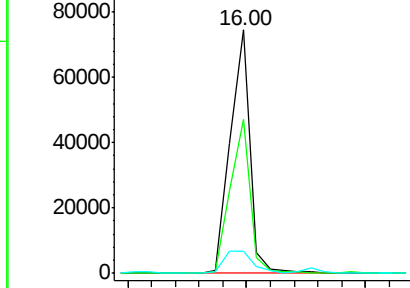
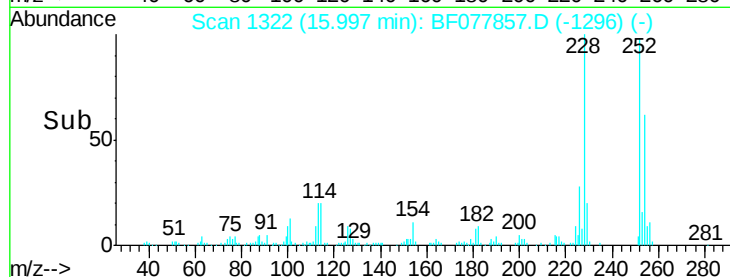
126 9.3 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 48.30 ng

RT: 16.05 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

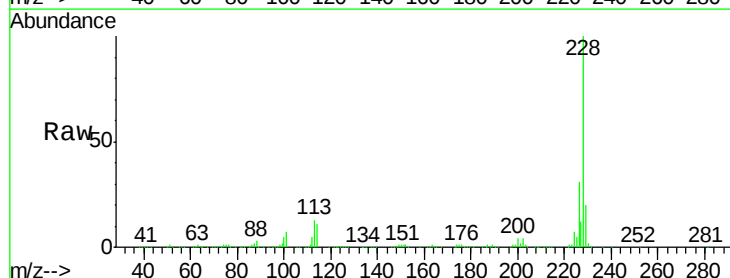
Tgt Ion:228 Resp: 462566

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

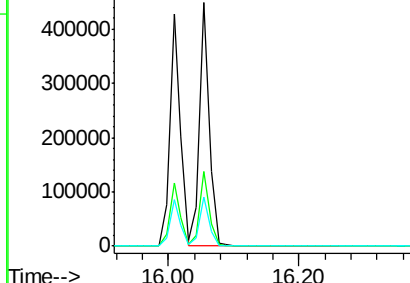
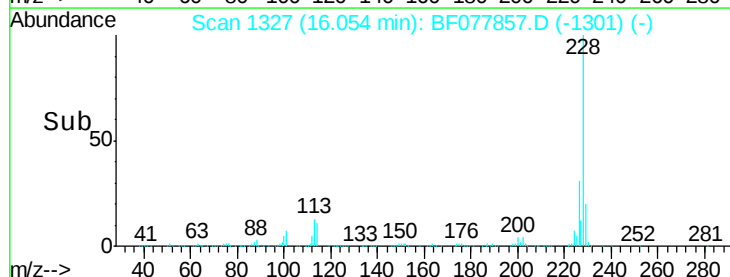
229 20.3 15.5 23.3

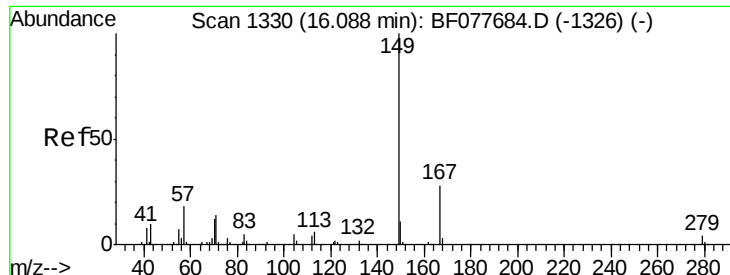


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.85 ng

RT: 16.08 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

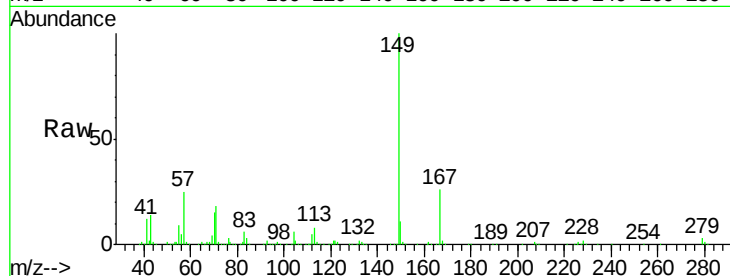
Tot Ion:149 Resp: 329604

Ion Ratio Lower Upper

149 100

167 26.4 22.4 33.6

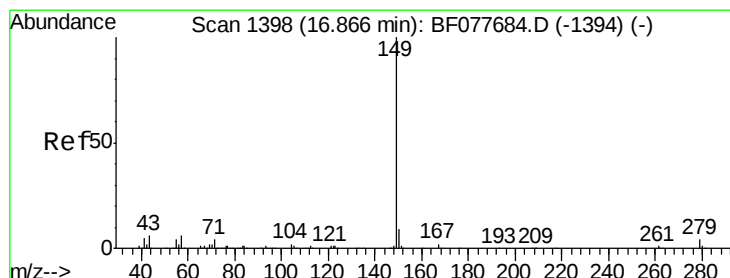
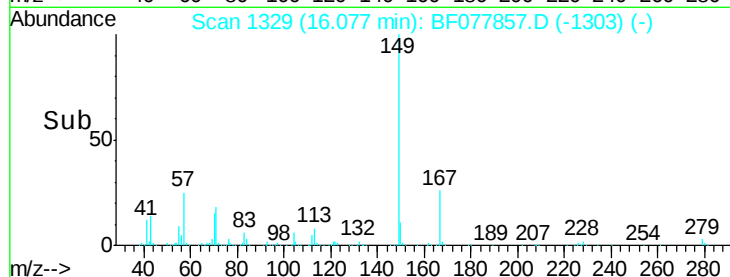
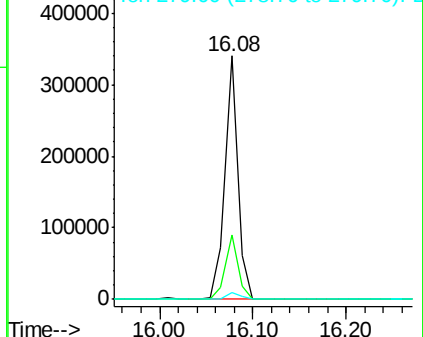
279 2.9 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.29 ng

RT: 16.87 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

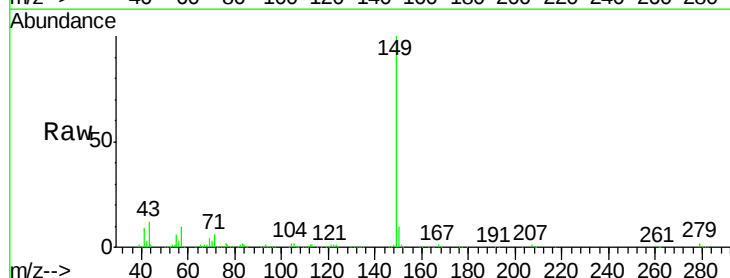
Tgt Ion:149 Resp: 557165

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

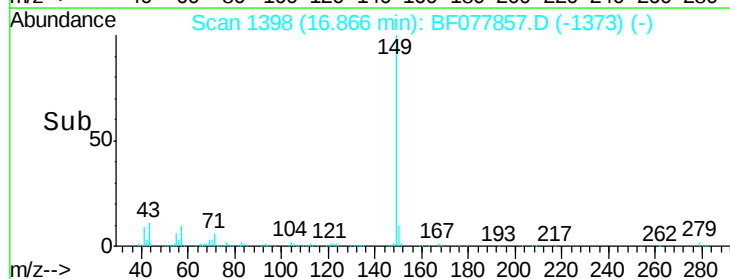
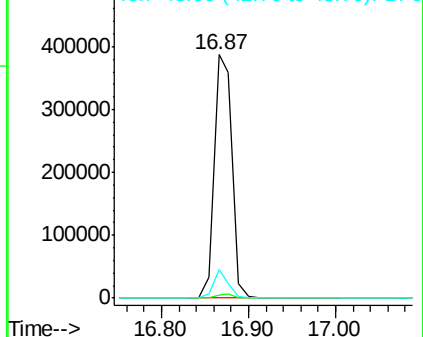
43 9.4 7.3 10.9

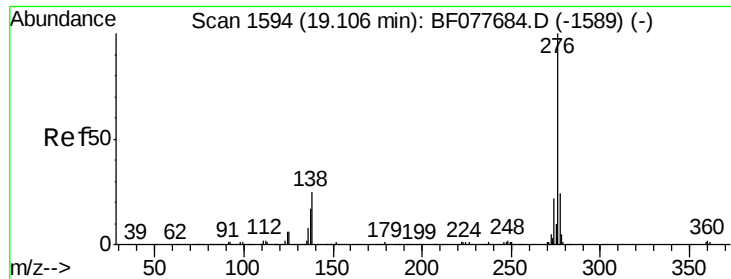


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

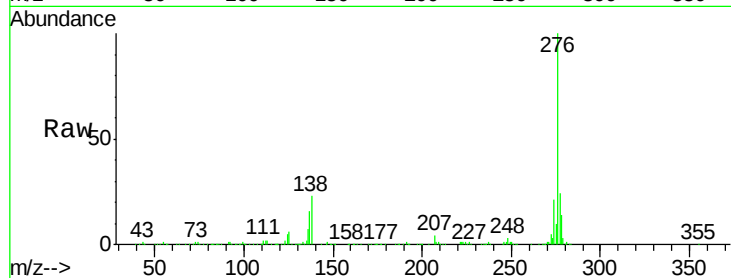




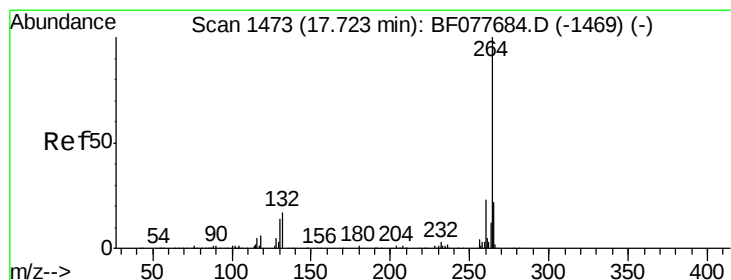
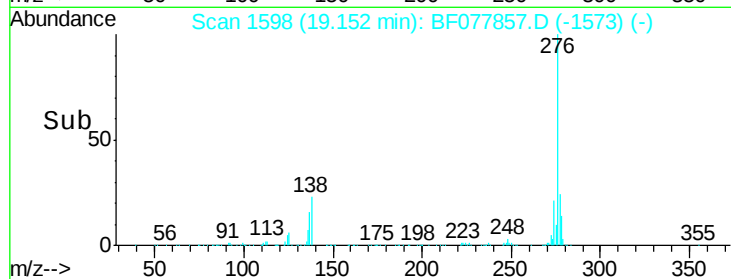
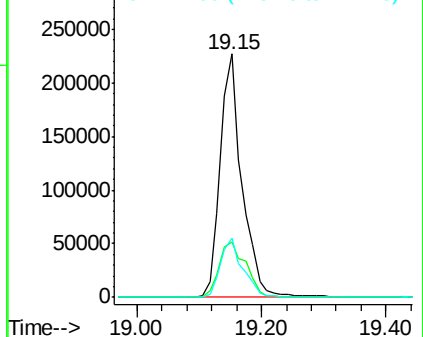
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.03 ng
RT: 19.15 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

Tot Ion:276 Resp: 550208
Ion Ratio Lower Upper
276 100
138 28.3 0.0 0.0#
277 25.1 0.0 0.0#

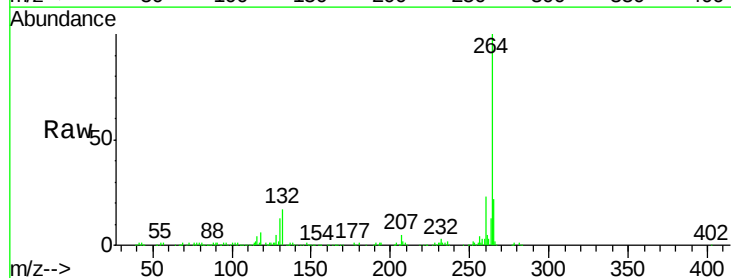


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

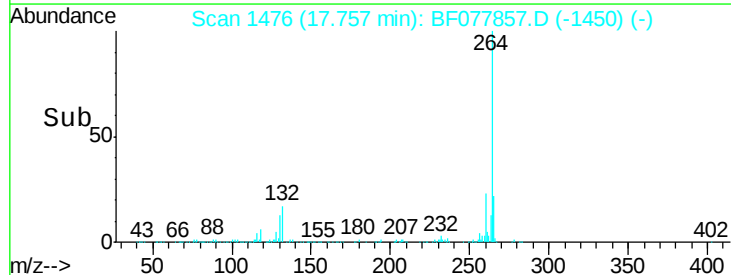
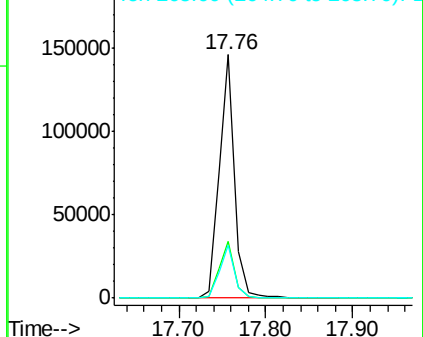


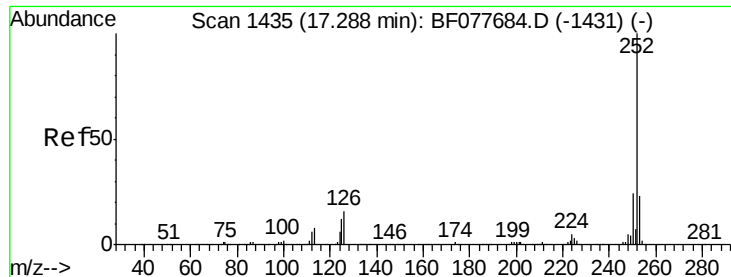
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:264 Resp: 179897
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.63 ng

RT: 17.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MSD

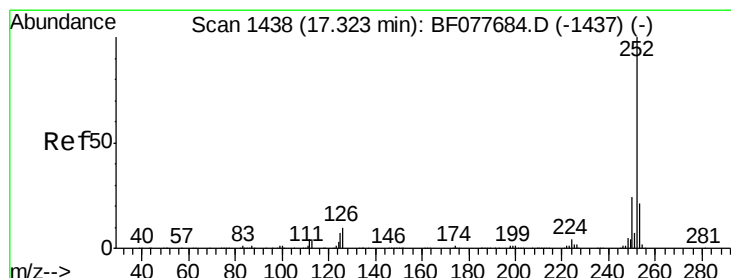
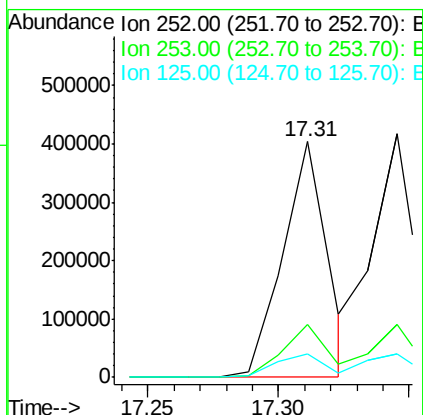
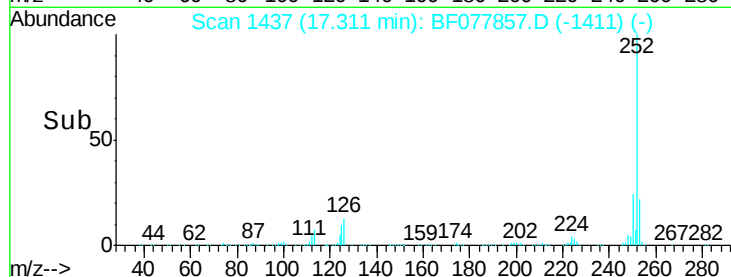
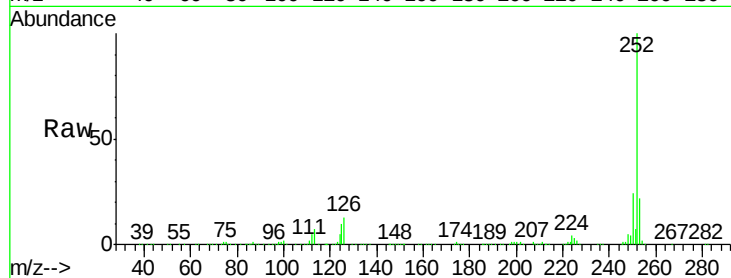
Tot Ion:252 Resp: 477200

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 10.2 9.9 14.9



#88

Benzo(k)fluoranthene

Concen: 52.32 ng m

RT: 17.35 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF077857.D

Acq: 20 Mar 2015 5:45

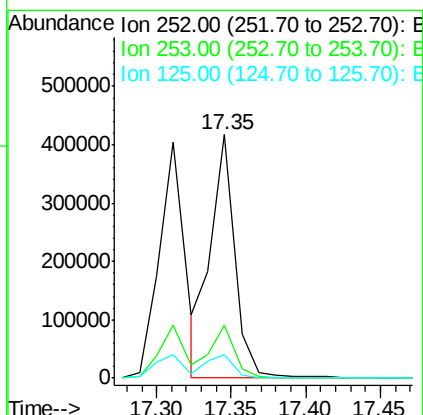
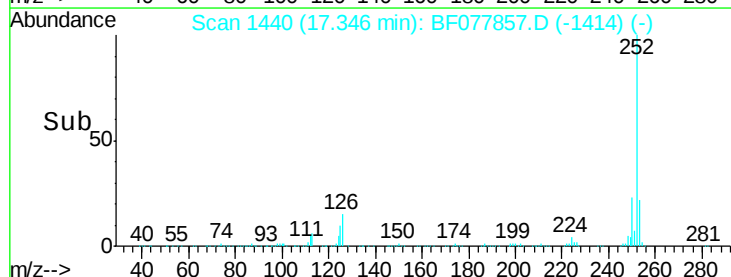
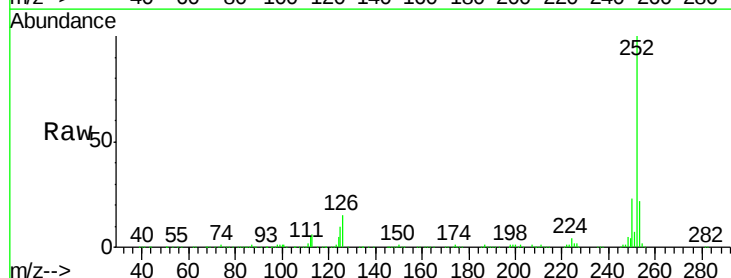
Tgt Ion:252 Resp: 479944

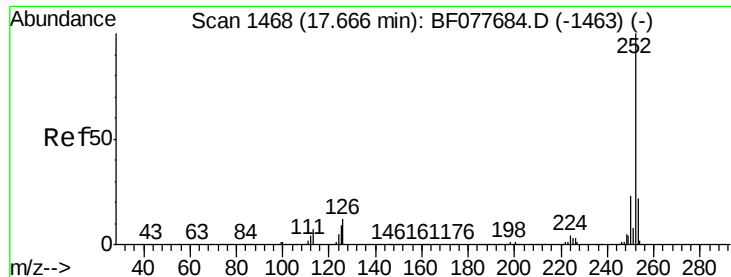
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.9 8.1 12.1

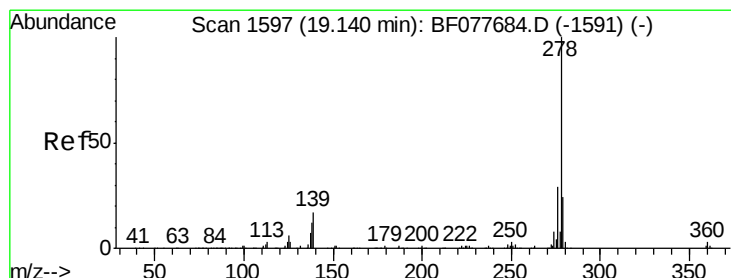
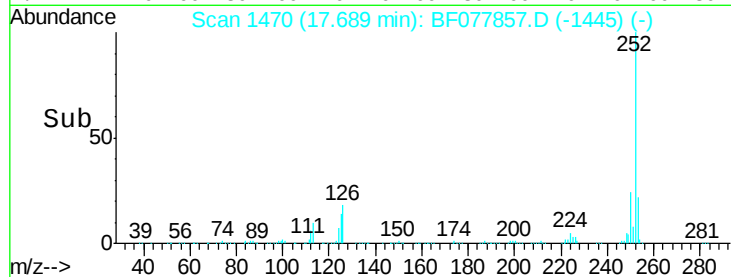
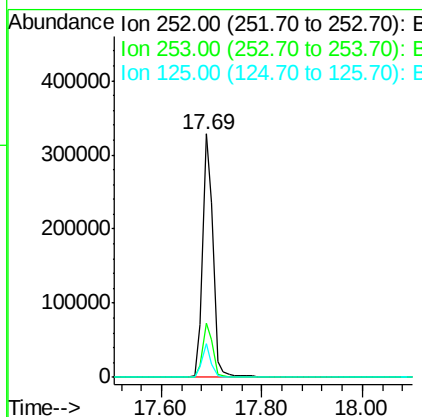
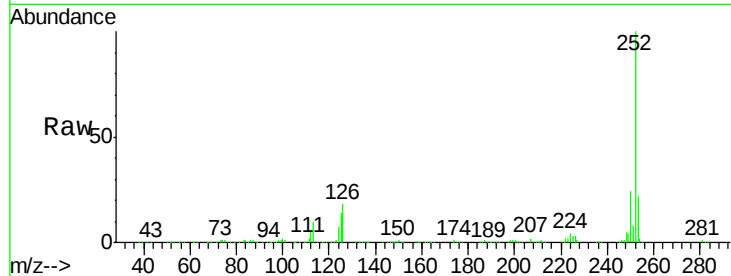




#89
Benzo(a)pyrene
Concen: 47.97 ng
RT: 17.69 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

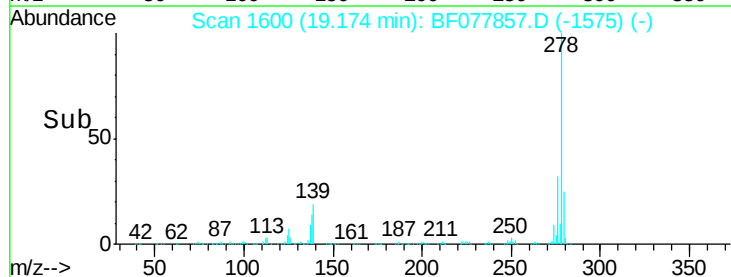
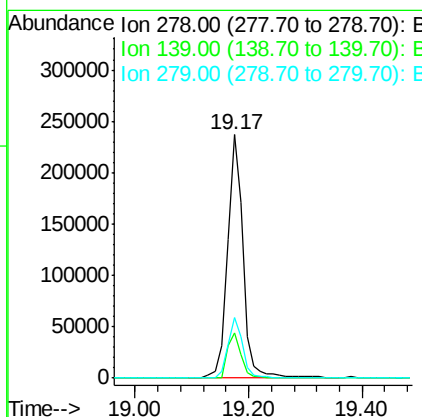
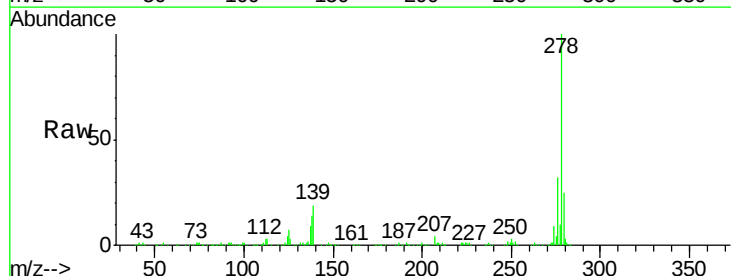
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MSD

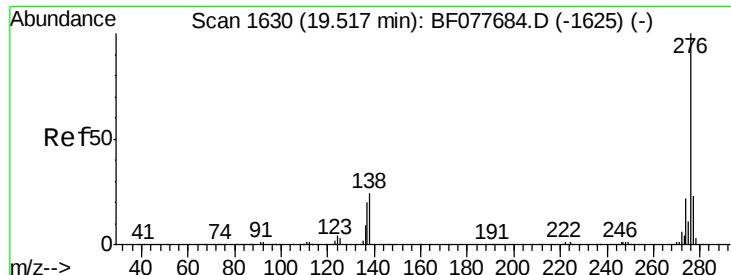
Tot Ion:252 Resp: 470103
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 13.9 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 46.96 ng
RT: 19.17 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF077857.D
Acq: 20 Mar 2015 5:45

Tgt Ion:278 Resp: 456417
Ion Ratio Lower Upper
278 100
139 18.6 13.4 20.0
279 24.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.20 ng
 RT: 19.56 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BF077857.D
 Acq: 20 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	23.3	19.0	28.6

