

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077856.D
 Acq On : 20 Mar 2015 5:16
 Operator : TP/IZ
 Sample : G1557-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Mar 20 05:42:44 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	40126	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	171007	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	84777	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	166744	20.00	ng	0.00
75) Chrysene-d12	16.02	240	170594	20.00	ng	-0.01
86) Perylene-d12	17.76	264	165510	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	315577	137.28	ng	0.01
7) Phenol-d6	6.73	99	396069	139.45	ng	0.00
23) Nitrobenzene-d5	7.85	82	228909	87.75	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	101264	124.84	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	506822	87.86	ng	0.00
78) Terphenyl-d14	14.74	244	594402	85.11	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	34196	32.76	ng	# 100
3) Pyridine	2.74	79	91043	32.47	ng	98
4) n-Nitrosodimethylamine	2.66	42	45988	37.66	ng	100
6) Aniline	6.74	93	38858	9.56	ng	# 1
8) 2-Chlorophenol	6.89	128	119356	43.62	ng	95
9) Benzaldehyde	6.60	77	7980	6.86	ng	91
10) Phenol	6.75	94	145838	43.44	ng	# 72
11) bis(2-Chloroethyl)ether	6.84	93	110959	44.12	ng	90
12) 1,3-Dichlorobenzene	7.07	146	121008	39.76	ng	98
13) 1,4-Dichlorobenzene	7.17	146	124268	39.30	ng	96
14) 1,2-Dichlorobenzene	7.36	146	120414	41.53	ng	98
15) Benzyl Alcohol	7.34	79	92884	41.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.52	45	147861	43.63	ng	98
17) 2-Methylphenol	7.49	107	93160	41.82	ng	96
18) Hexachloroethane	7.77	117	42900	41.36	ng	90
19) n-Nitroso-di-n-propylamine	7.68	70	82332	41.90	ng	97
20) 3+4-Methylphenols	7.69	107	123662	42.31	ng	94
22) Acetophenone	7.66	105	165726	43.78	ng	# 94
24) Nitrobenzene	7.87	77	118789	42.27	ng	91
25) Isophorone	8.17	82	206002	39.10	ng	# 91
26) 2-Nitrophenol	8.26	139	55410	40.27	ng	# 74
27) 2,4-Dimethylphenol	8.34	122	103935	41.46	ng	99
28) bis(2-Chloroethoxy)methane	8.45	93	140622	43.97	ng	98
29) 2,4-Dichlorophenol	8.57	162	102919	43.07	ng	98
30) 1,2,4-Trichlorobenzene	8.66	180	104141	38.95	ng	95
31) Naphthalene	8.75	128	339293	38.63	ng	99
32) Benzoic acid	8.45	122	56544	40.93	ng	100
33) 4-Chloroaniline	8.84	127	36140	10.14	ng	98
34) Hexachlorobutadiene	8.91	225	59453	39.24	ng	97
35) Caprolactam	9.26	113	28538	40.87	ng	96
36) 4-Chloro-3-methylphenol	9.45	107	99431	41.36	ng	# 81
37) 2-Methylnaphthalene	9.62	142	238285	40.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	102201	40.42	ng	# 100
40) Hexachlorocyclopentadiene	9.80	237	93757	74.30	ng	98

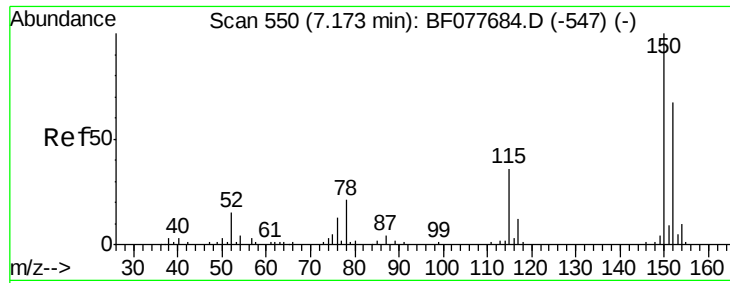
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	72785	41.56	ng	99
43) 2,4,5-Trichlorophenol	10.02	196	77567	40.99	ng	# 88
45) 1,1'-Biphenyl	10.20	154	278955	41.16	ng	98
46) 2-Chloronaphthalene	10.21	162	226305	41.09	ng	94
47) 2-Nitroaniline	10.35	65	61053	44.64	ng	95
48) Acenaphthylene	10.73	152	356257	38.90	ng	99
49) Dimethylphthalate	10.59	163	284465	45.24	ng	100
50) 2,6-Dinitrotoluene	10.66	165	56714	43.51	ng	99
51) Acenaphthene	10.95	154	202968	38.65	ng	98
52) 3-Nitroaniline	10.87	138	24616	16.26	ng	98
53) 2,4-Dinitrophenol	11.00	184	42332	87.56	ng	# 65
54) Dibenzofuran	11.15	168	313318	40.23	ng	92
55) 4-Nitrophenol	11.09	139	90697	80.89	ng	83
56) 2,4-Dinitrotoluene	11.15	165	72960	42.93	ng	# 86
57) Fluorene	11.59	166	256335	39.64	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	63418	43.53	ng	# 100
59) Diethylphthalate	11.46	149	250493	40.89	ng	96
60) 4-Chlorophenyl-phenylether	11.59	204	119831	40.60	ng	# 87
61) 4-Nitroaniline	11.62	138	59781	39.63	ng	90
62) Azobenzene	11.78	77	244353	41.73	ng	89
64) 4,6-Dinitro-2-methylphenol	11.65	198	32133	41.46	ng	94
65) n-Nitrosodiphenylamine	11.75	169	221797	39.95	ng	99
66) 4-Bromophenyl-phenylether	12.19	248	70477	39.61	ng	# 80
67) Hexachlorobenzene	12.25	284	74227	37.96	ng	# 81
68) Atrazine	12.42	200	73297	47.11	ng	97
69) Pentachlorophenol	12.51	266	77053	75.42	ng	99
70) Phenanthrene	12.76	178	380042	39.70	ng	99
71) Anthracene	12.83	178	380168	40.20	ng	99
72) Carbazole	13.04	167	372158	41.37	ng	100
73) Di-n-butylphthalate	13.49	149	427528	42.38	ng	99
74) Fluoranthene	14.24	202	423584	40.12	ng	94
76) Benzidine	14.43	184	95248	22.36	ng	99
77) Pyrene	14.52	202	445674	41.55	ng	100
79) Butylbenzylphthalate	15.36	149	193014	45.63	ng	96
80) Benzo(a)anthracene	16.01	228	413584	40.90	ng	99
81) 3,3'-Dichlorobenzidine	16.00	252	62689	18.79	ng	98
82) Chrysene	16.05	228	396863	43.65	ng	99
83) Bis(2-ethylhexyl)phthalate	16.08	149	280111	43.72	ng	# 97
84) Di-n-octyl phthalate	16.88	149	472530	43.14	ng	99
85) Indeno(1,2,3-cd)pyrene	19.15	276	454191	40.02	ng	# 100
87) Benzo(b)fluoranthene	17.31	252	448098	41.47	ng	99
88) Benzo(k)fluoranthene	17.31	252	448098	53.09	ng	97
89) Benzo(a)pyrene	17.70	252	399760	44.34	ng	99
90) Dibenzo(a,h)anthracene	19.19	278	376133	42.06	ng	99
91) Benzo(g,h,i)perylene	19.56	276	388898	42.72	ng	100

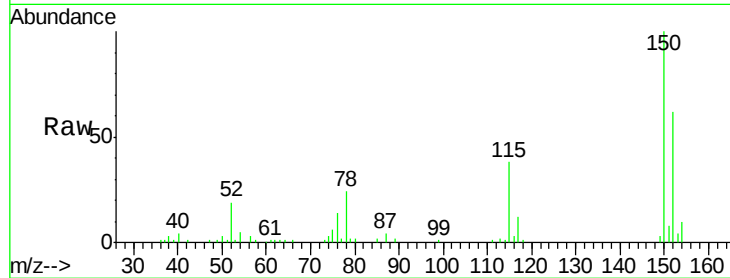
(#) = qualifier out of range (m) = manual integration (+) = signals summed



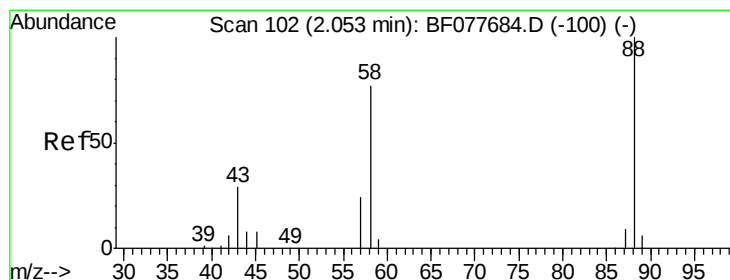
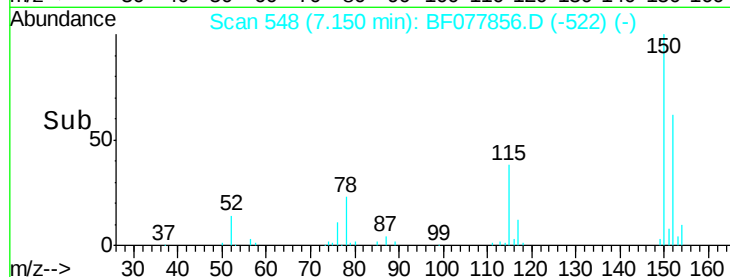
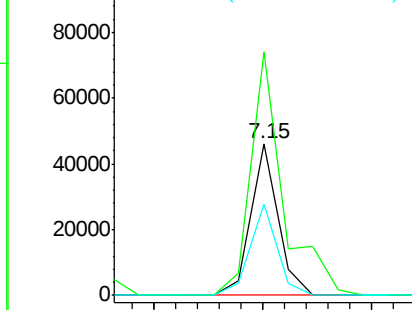
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

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

Tgt Ion:152 Resp: 40126
 Ion Ratio Lower Upper
 152 100
 150 160.2 119.5 179.3
 115 60.3 43.0 64.4

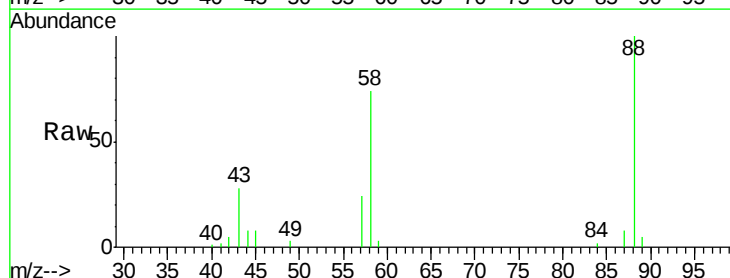


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

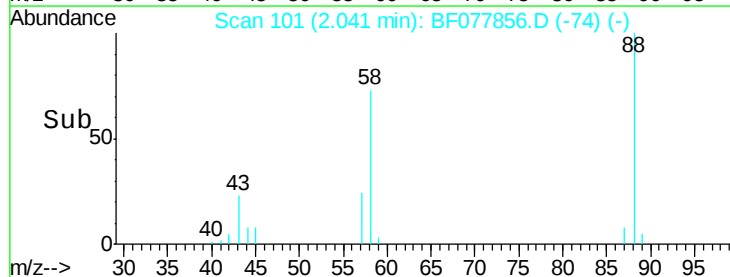
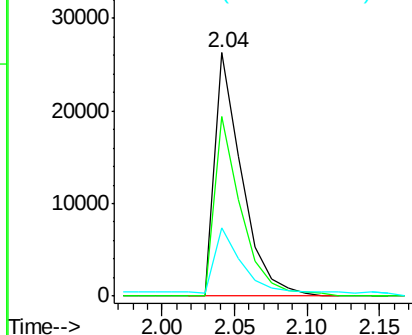


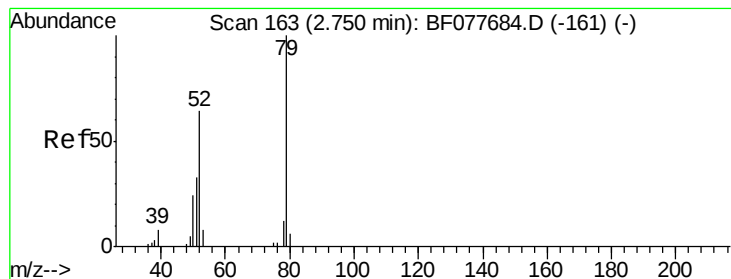
#2
 1,4-Dioxane
 Concen: 32.76 ng
 RT: 2.04 min Scan# 101
 Delta R.T. 0.01 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion: 88 Resp: 34196
 Ion Ratio Lower Upper
 88 100
 58 72.8 0.0 0.0#
 43 36.7 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

Pyridine

Concen: 32.47 ng

RT: 2.74 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

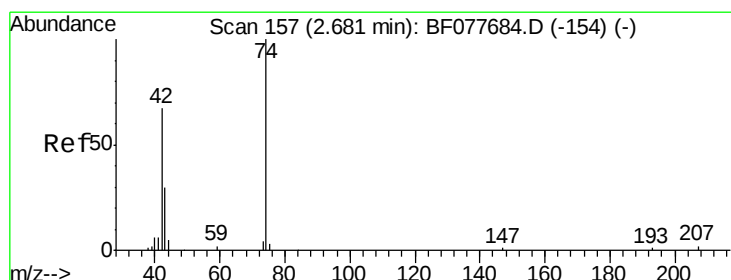
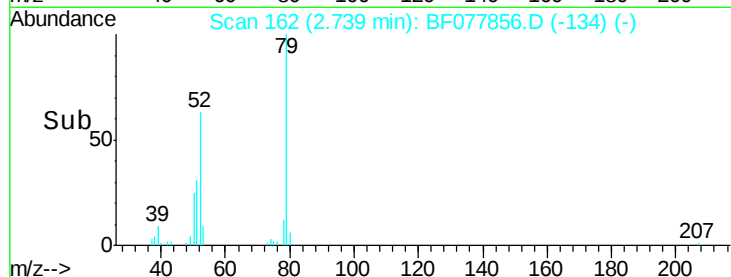
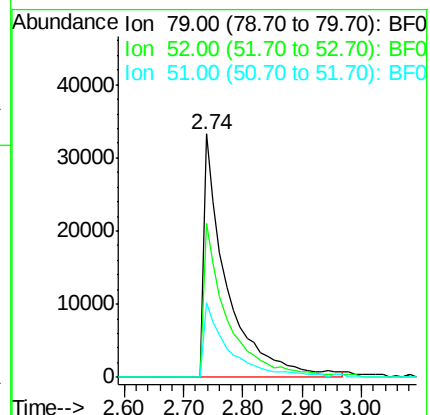
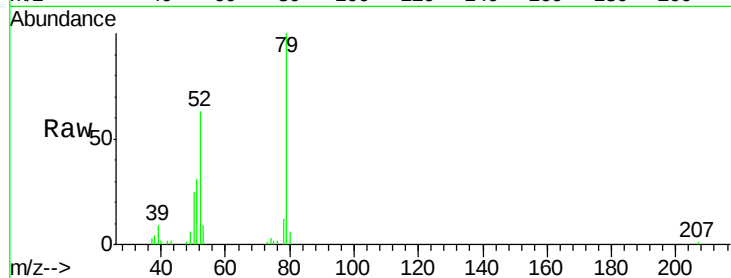
Tgt Ion: 79 Resp: 91043

Ion Ratio Lower Upper

79 100

52 63.4 51.1 76.7

51 30.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 37.66 ng

RT: 2.66 min Scan# 155

Delta R.T. 0.01 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

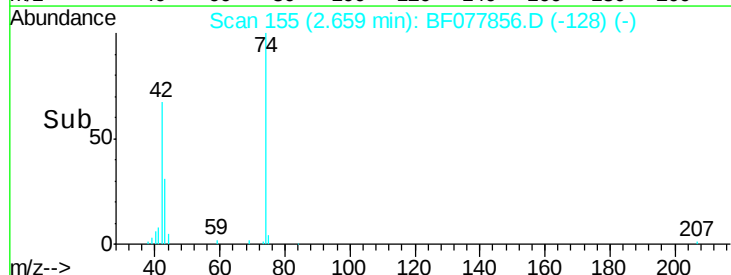
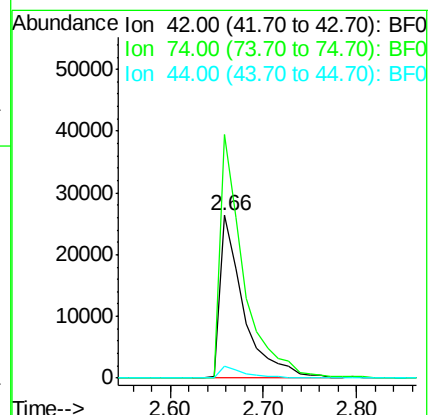
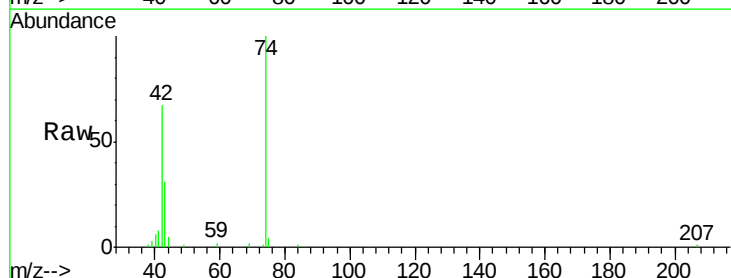
Tgt Ion: 42 Resp: 45988

Ion Ratio Lower Upper

42 100

74 149.5 119.3 178.9

44 7.4 5.4 8.2





#5

2-Fluorophenol

Concen: 137.28 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

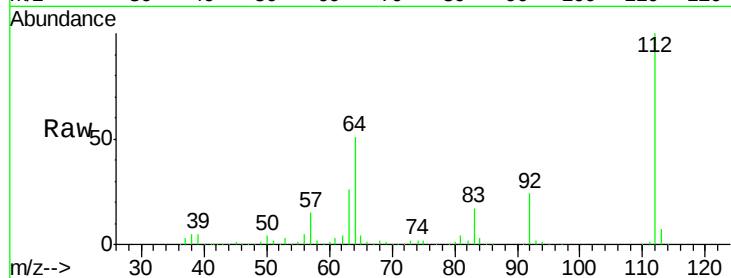
Tgt Ion: 112 Resp: 315577

Ion Ratio Lower Upper

112 100

64 50.5 38.6 57.8

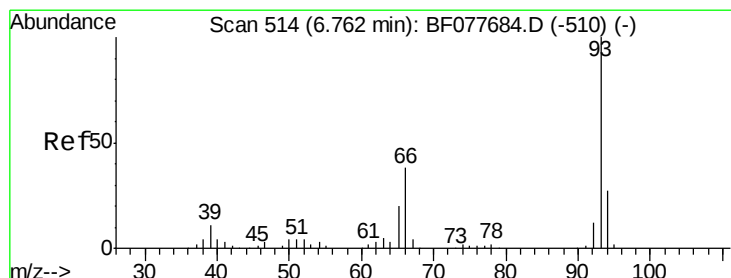
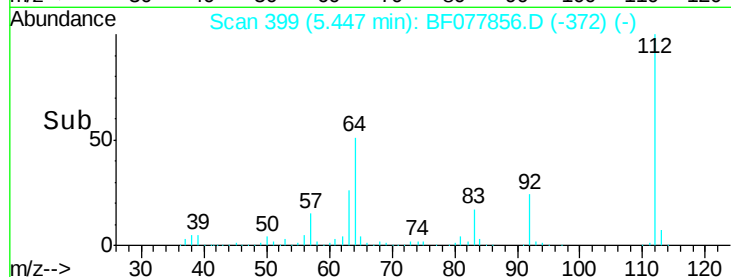
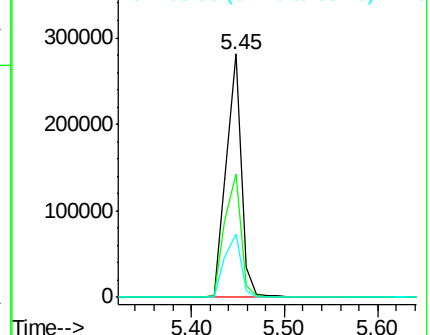
63 25.9 19.3 28.9



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: 9.56 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

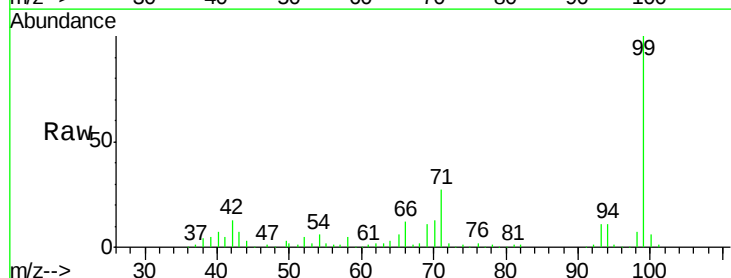
Tgt Ion: 93 Resp: 38858

Ion Ratio Lower Upper

93 100

66 114.1 30.8 46.2#

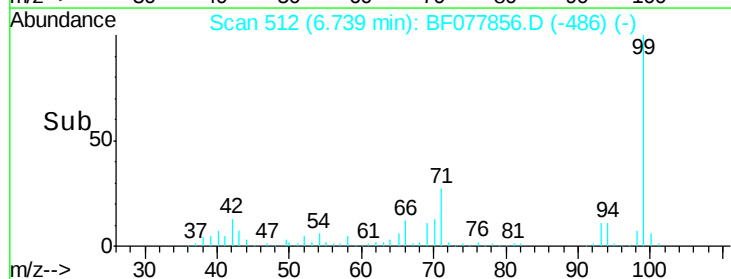
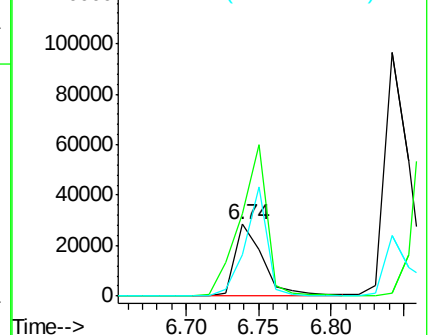
65 57.2 16.0 24.0#

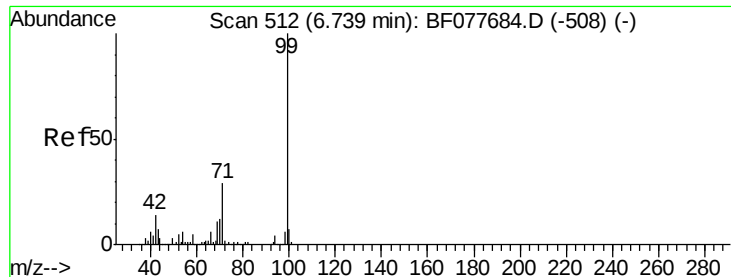


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.45 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

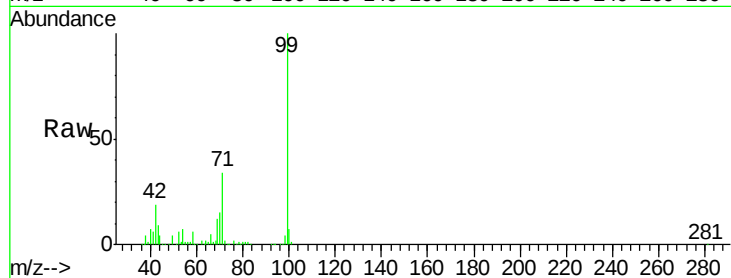
Tgt Ion: 99 Resp: 396069

Ion Ratio Lower Upper

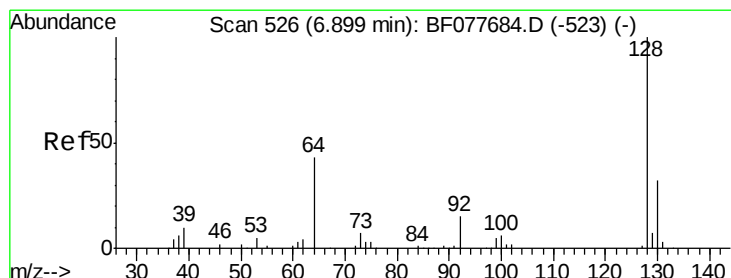
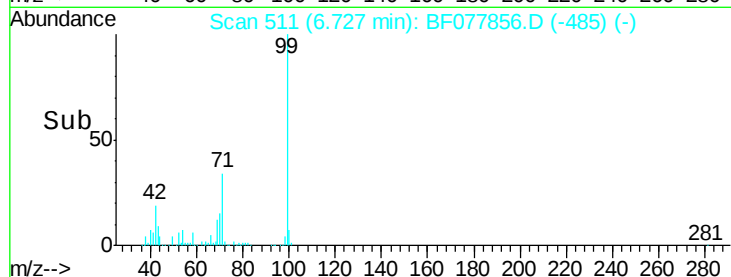
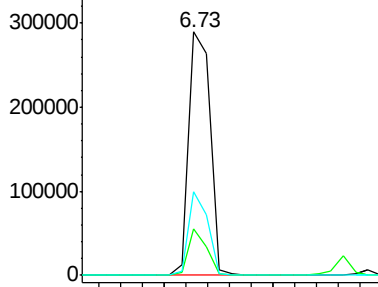
99 100

42 18.9 11.0 16.4#

71 34.2 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



#8

2-Chlorophenol

Concen: 43.62 ng

RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

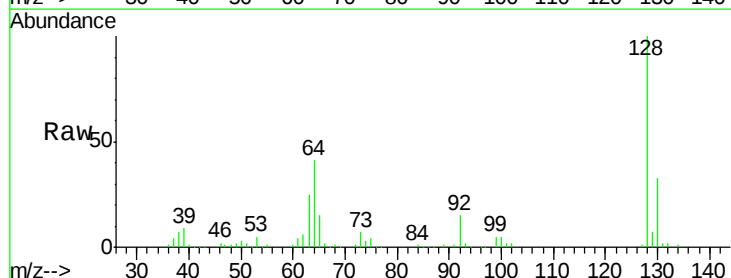
Tgt Ion: 128 Resp: 119356

Ion Ratio Lower Upper

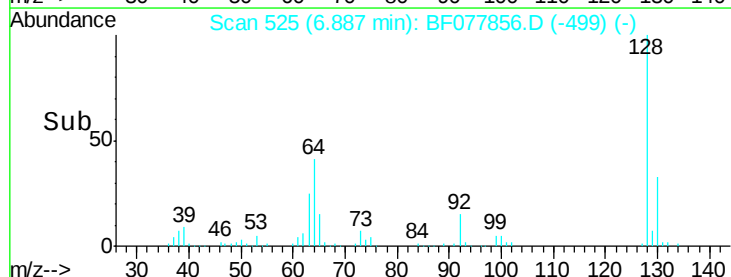
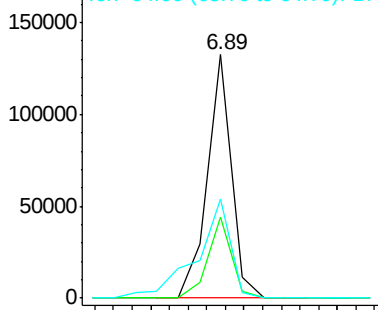
128 100

130 33.2 12.0 52.0

64 40.9 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





#9

Benzaldehyde

Concen: 6.86 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

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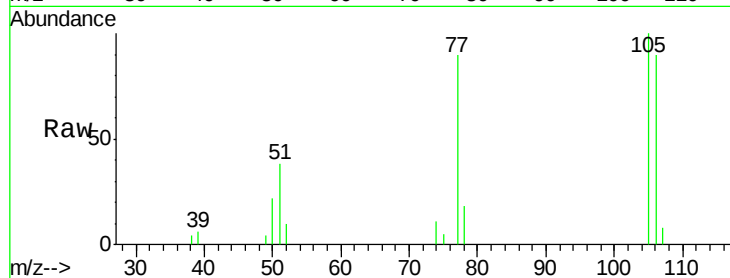
Tgt Ion: 77 Resp: 7980

Ion Ratio Lower Upper

77 100

105 111.1 78.8 118.8

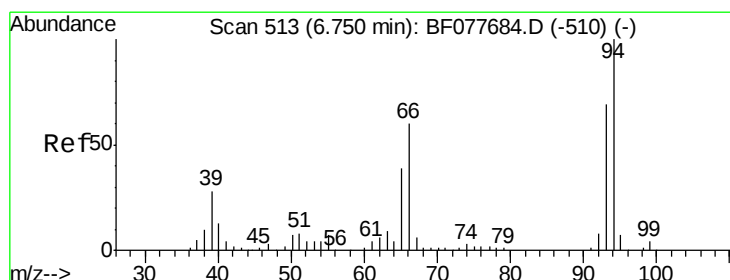
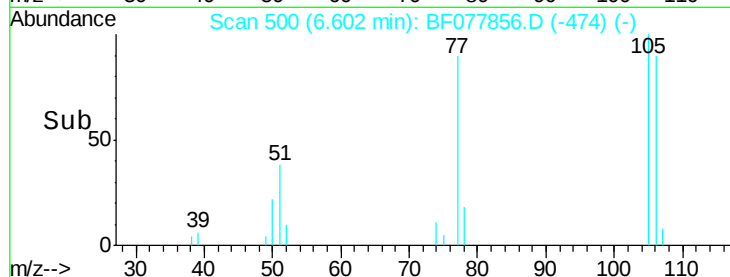
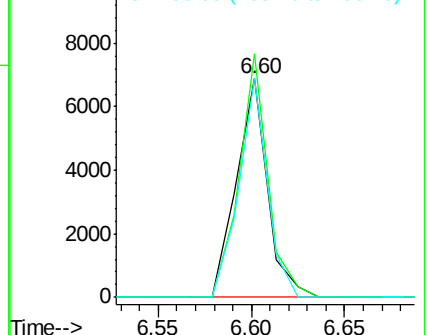
106 99.8 73.7 113.7



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: 43.44 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

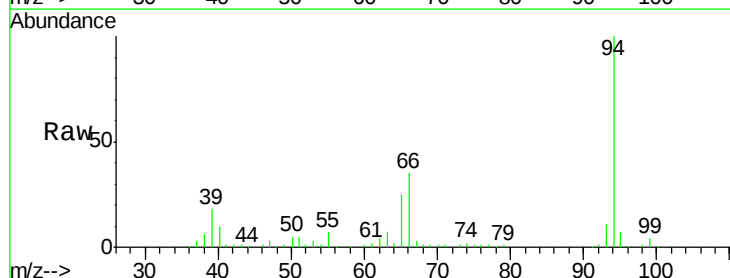
Tgt Ion: 94 Resp: 145838

Ion Ratio Lower Upper

94 100

65 25.5 18.8 58.8

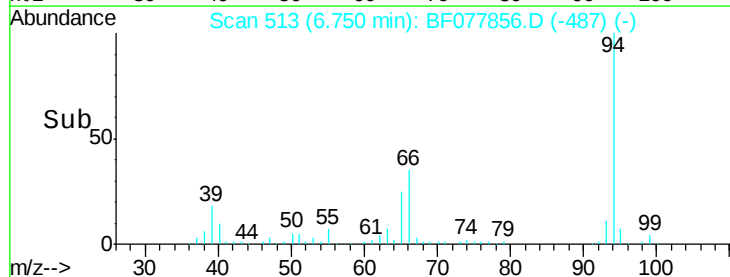
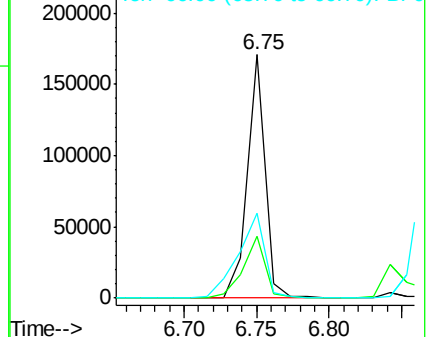
66 35.1 39.9 79.9#

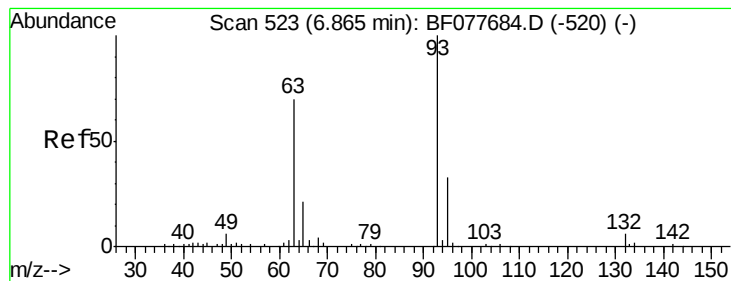


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.12 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

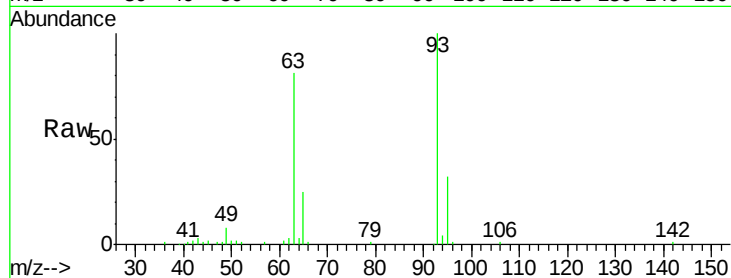
Tgt Ion: 93 Resp: 110959

Ion Ratio Lower Upper

93 100

63 81.0 49.5 89.5

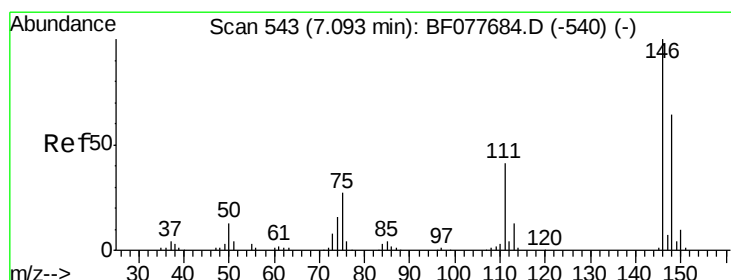
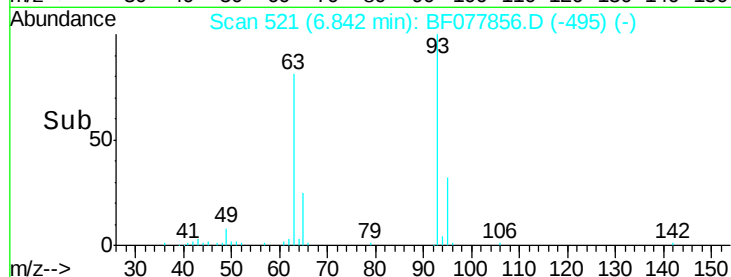
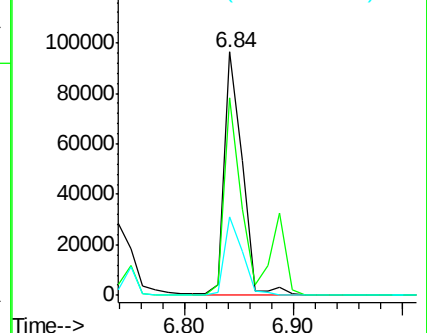
95 32.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.76 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

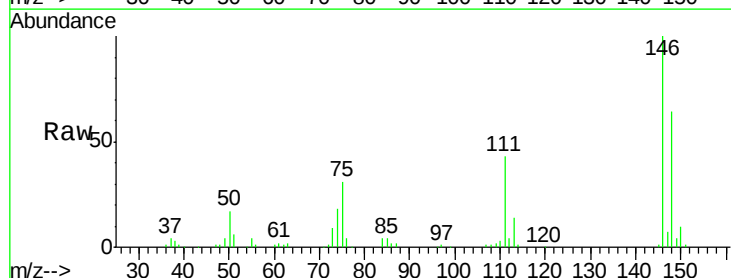
Tgt Ion: 146 Resp: 121008

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

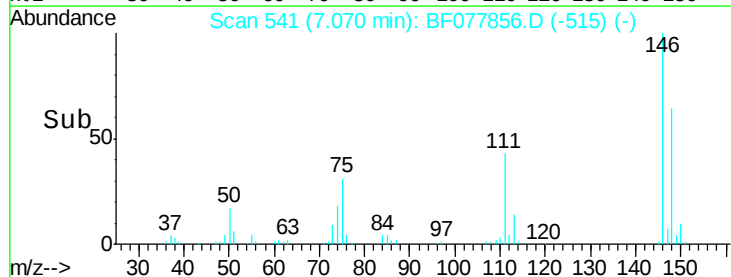
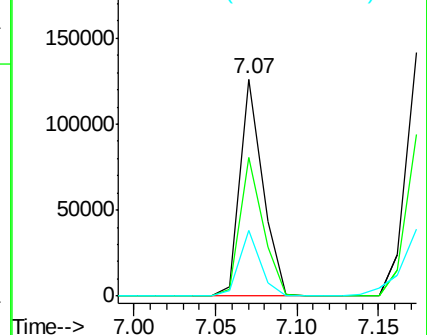
75 30.6 21.4 32.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

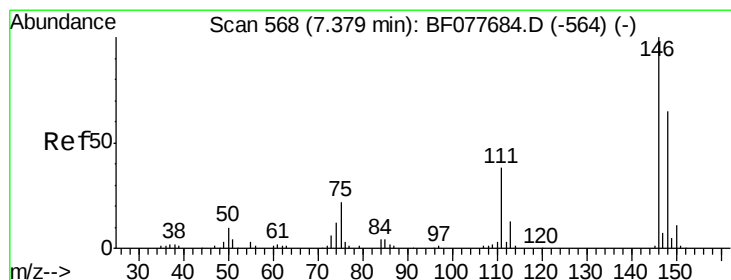
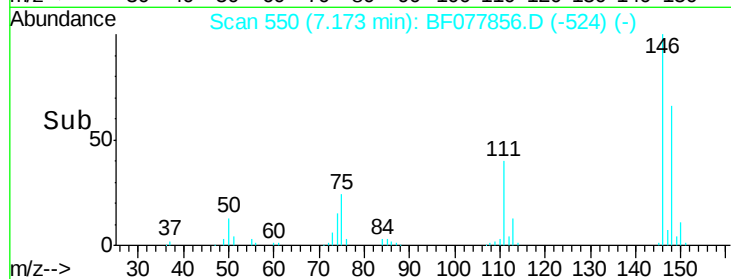
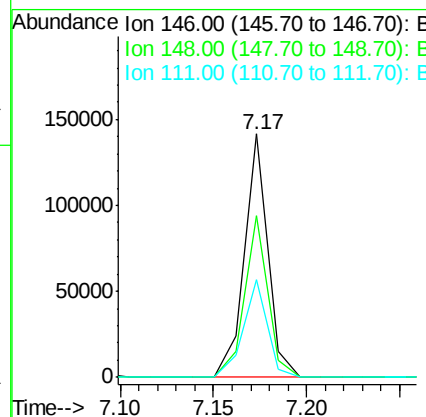
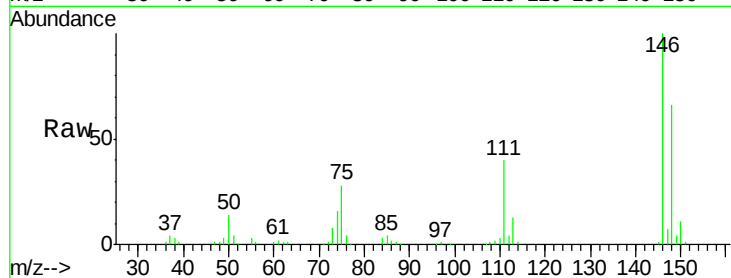




#13
 1,4-Dichlorobenzene
 Concen: 39.30 ng
 RT: 7.17 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

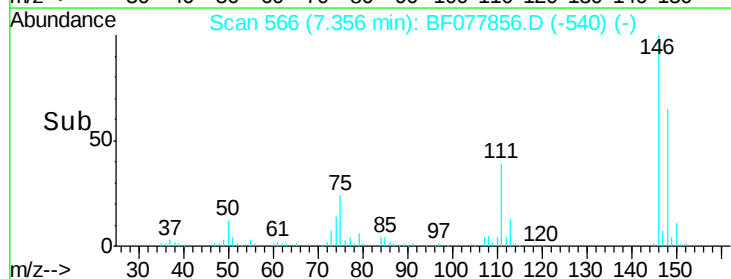
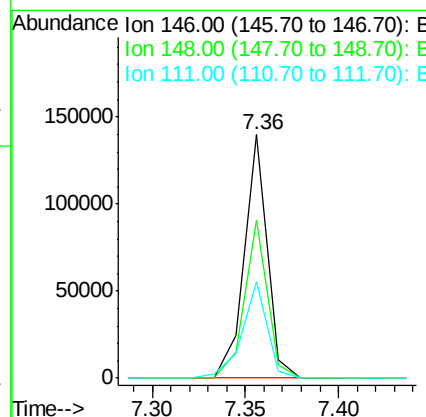
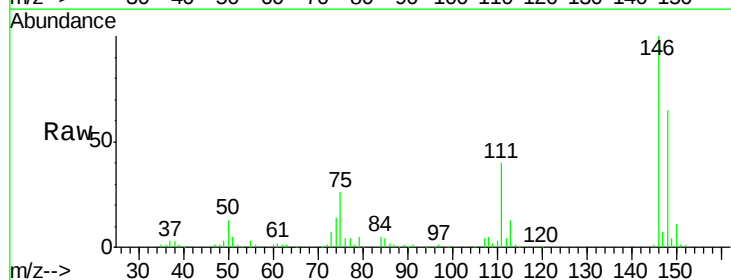
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MS

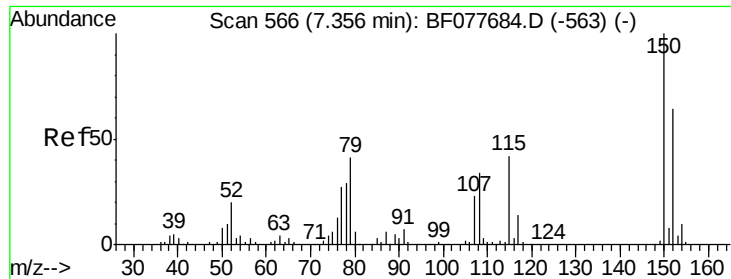
Tgt Ion:146 Resp: 124268
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.9 77.9
 111 40.4 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 41.53 ng
 RT: 7.36 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion:146 Resp: 120414
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 39.7 30.6 45.8

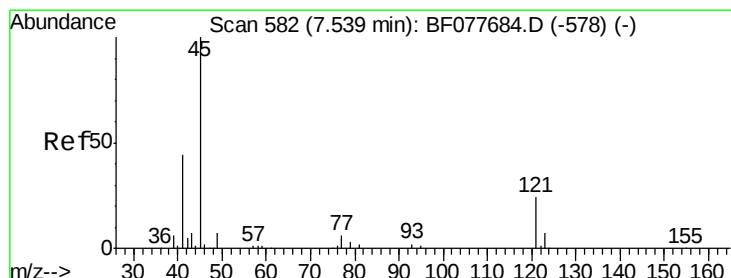
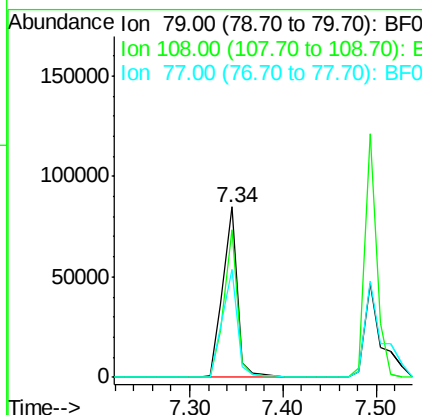
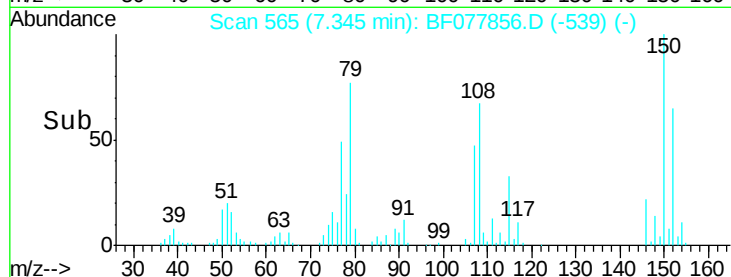
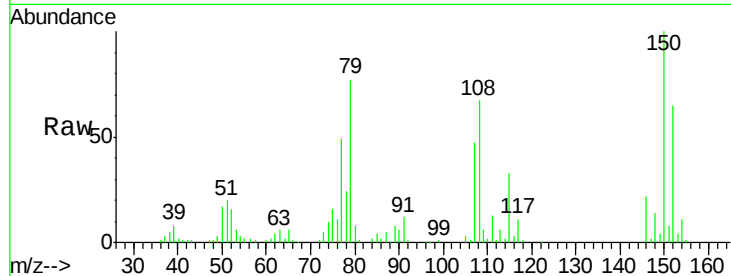




#15
Benzyl Alcohol
Concen: 41.90 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

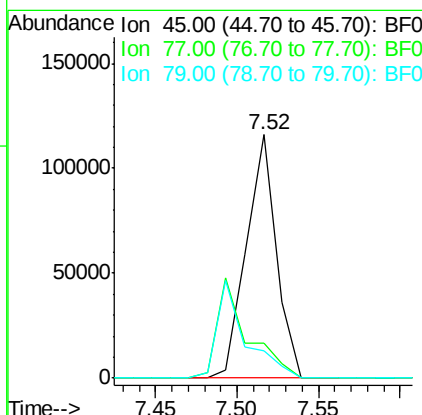
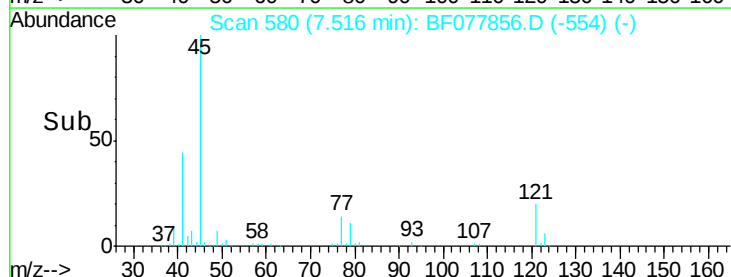
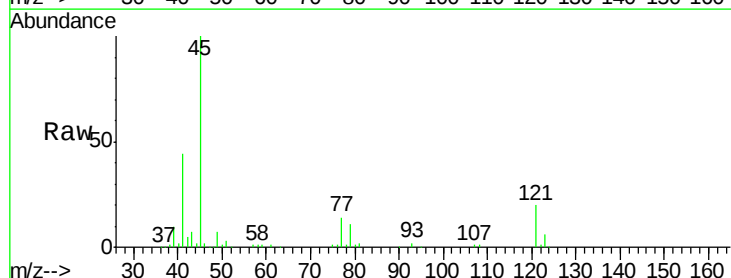
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MS

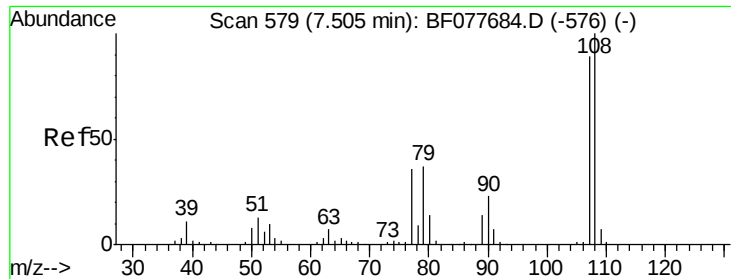
Tgt Ion: 79 Resp: 92884
Ion Ratio Lower Upper
79 100
108 86.3 65.0 97.4
77 63.6 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.63 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion: 45 Resp: 147861
Ion Ratio Lower Upper
45 100
77 14.2 0.0 35.2
79 11.0 0.0 32.0

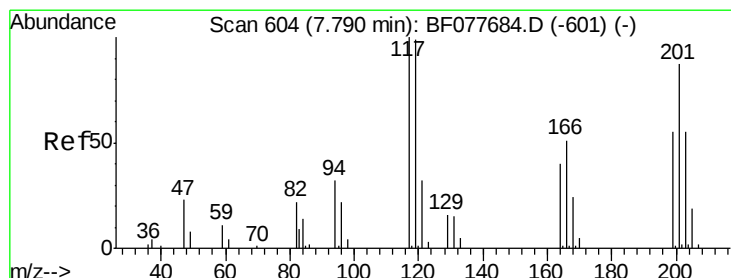
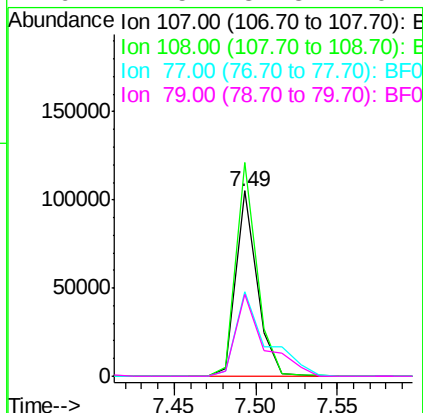
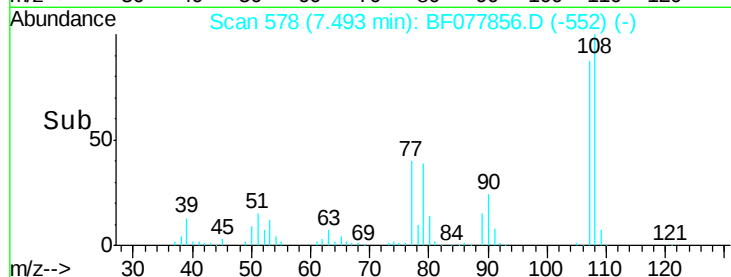
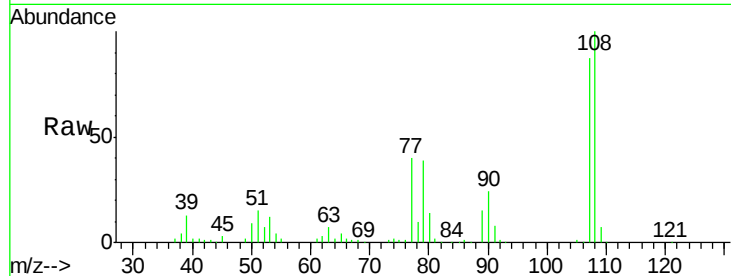




#17
2-Methylphenol
Concen: 41.82 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

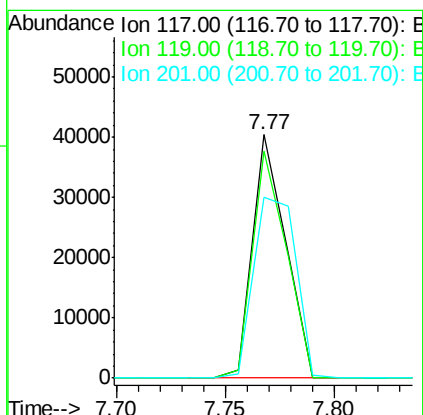
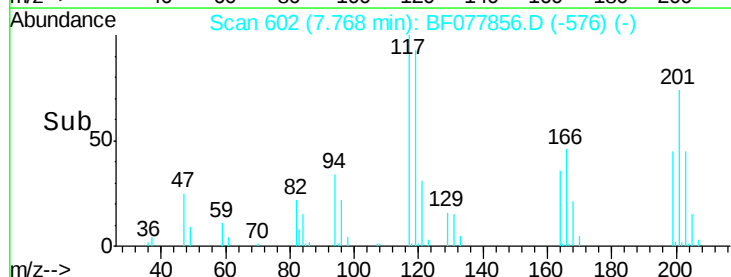
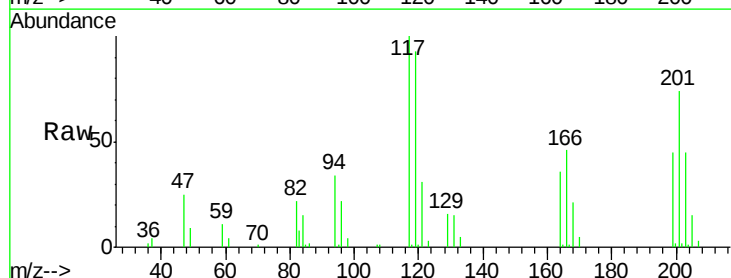
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MS

Tgt Ion:107 Resp: 93160
Ion Ratio Lower Upper
107 100
108 115.2 89.8 134.8
77 45.7 32.6 48.8
79 44.5 32.8 49.2



#18
Hexachloroethane
Concen: 41.36 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:117 Resp: 42900
Ion Ratio Lower Upper
117 100
119 93.3 79.2 118.8
201 74.1 69.8 104.6

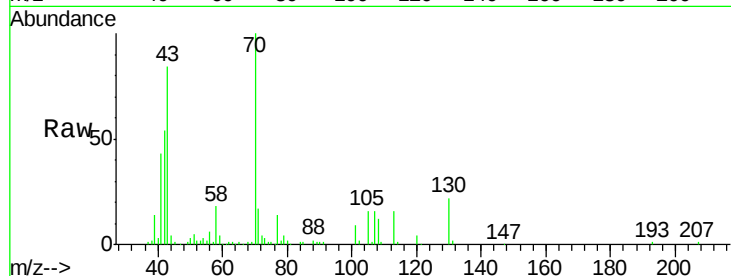




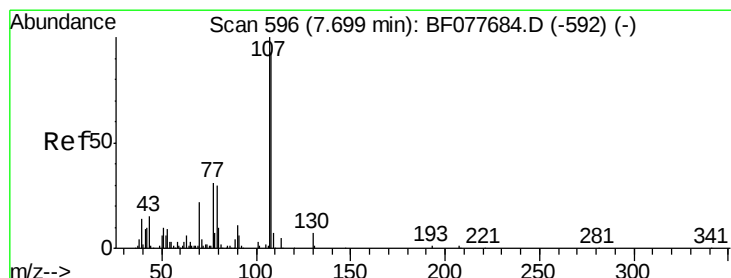
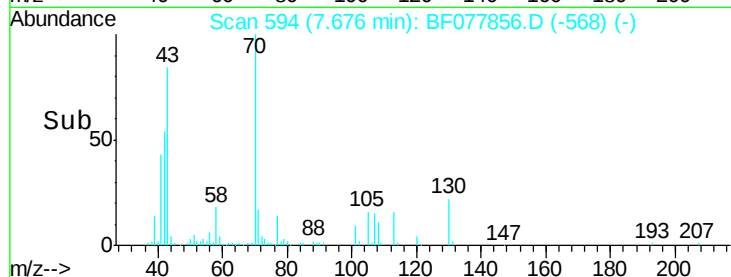
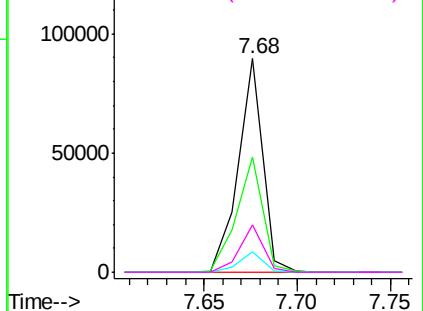
#19
n-Nitroso-di-n-propylamine
Concen: 41.90 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

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

Tgt Ion:	70	Resp:	82332
Ion	Ratio	Lower	Upper
70	100		
42	53.7	44.5	66.7
101	9.5	7.4	11.2
130	22.4	15.3	22.9

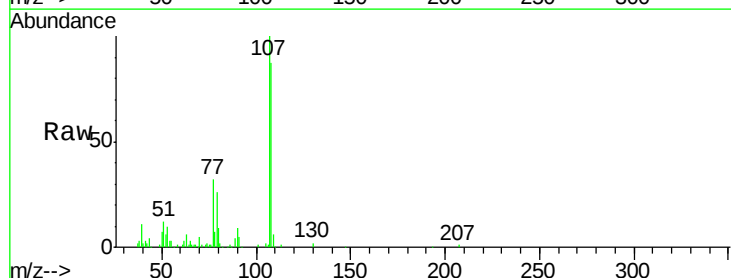


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

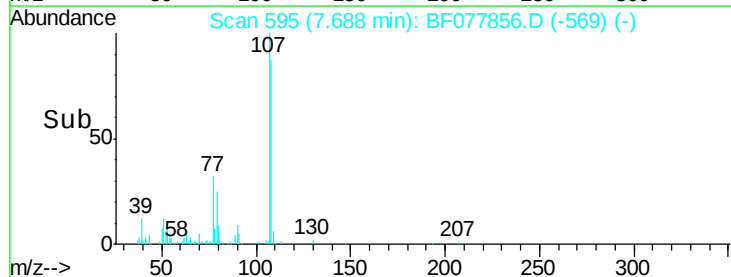
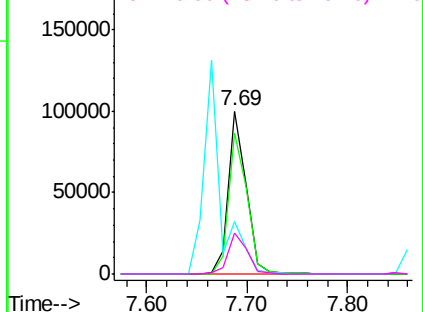


#20
3+4-Methylphenols
Concen: 42.31 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:	107	Resp:	123662
Ion	Ratio	Lower	Upper
107	100		
108	86.9	73.2	113.2
77	32.1	10.7	50.7
79	25.5	9.6	49.6



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

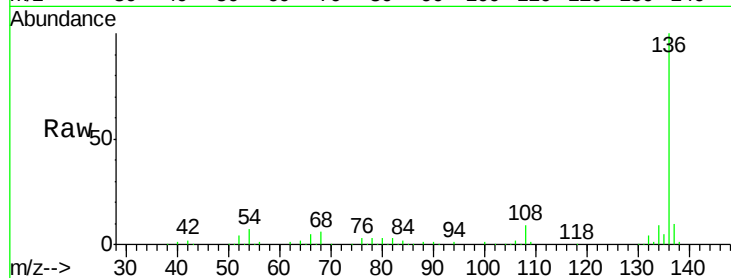




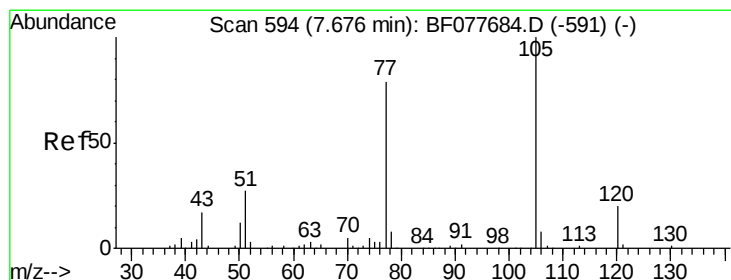
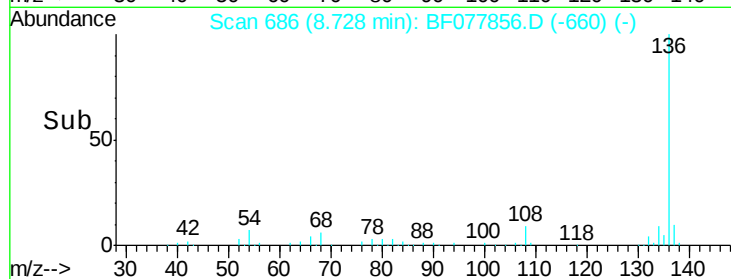
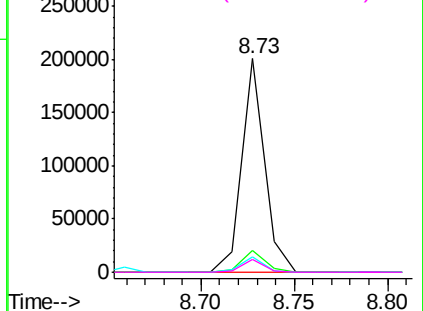
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

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

Tgt Ion:	136	Resp:	171007
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.9	4.6	6.8#
68	5.7	3.7	5.5#

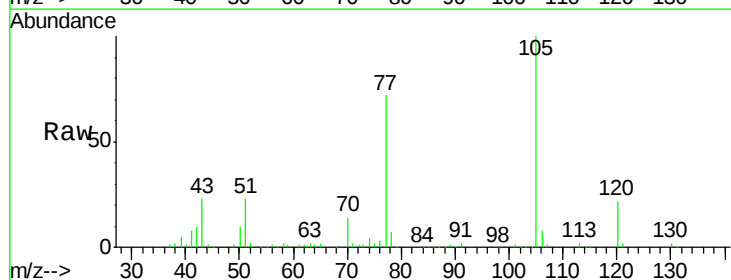


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

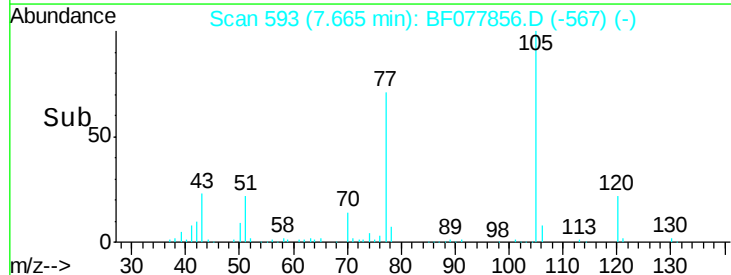
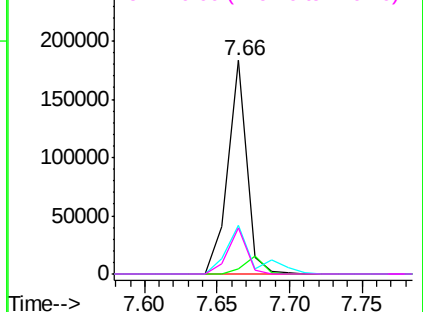


#22
Acetophenone
Concen: 43.78 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:	105	Resp:	165726
Ion	Ratio	Lower	Upper
105	100		
71	2.5	0.6	1.0#
51	22.8	21.6	32.4
120	21.6	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

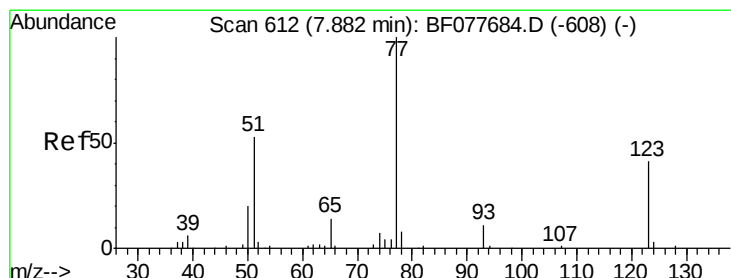
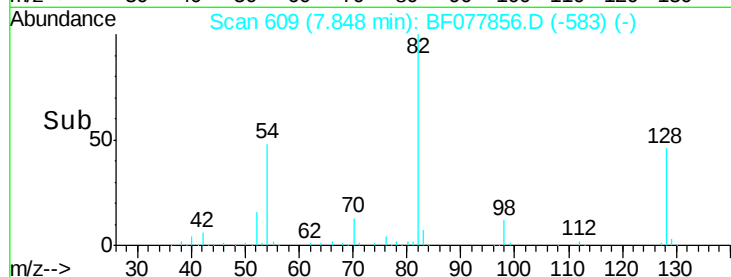
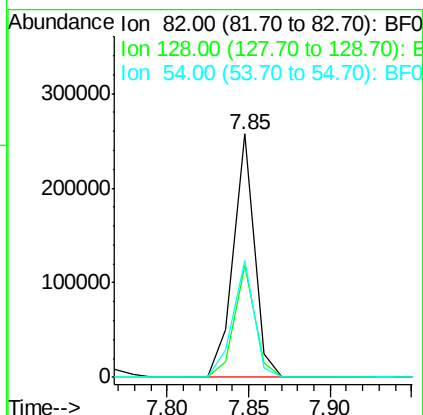
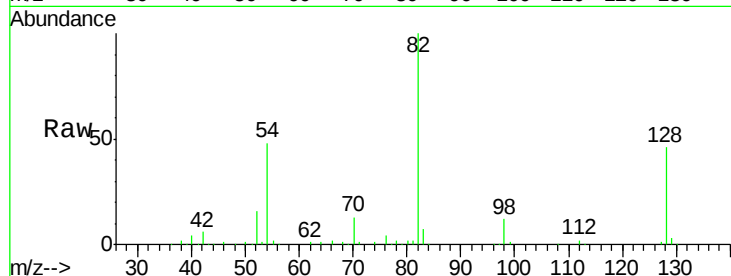




#23
 Nitrobenzene-d5
 Concen: 87.75 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

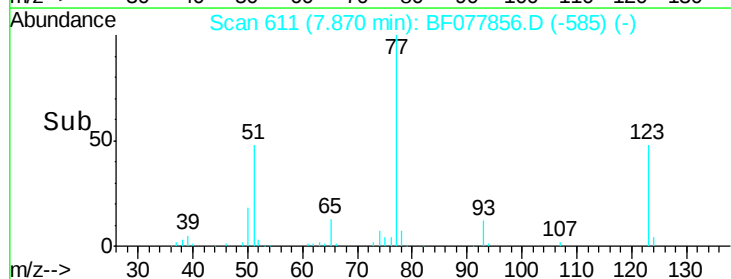
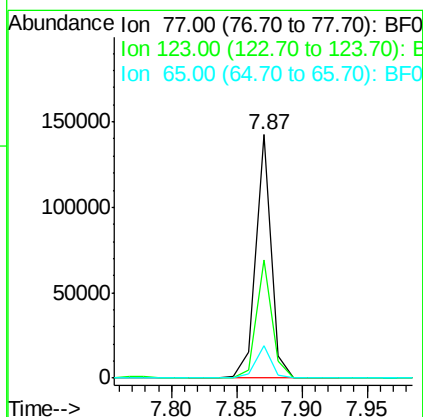
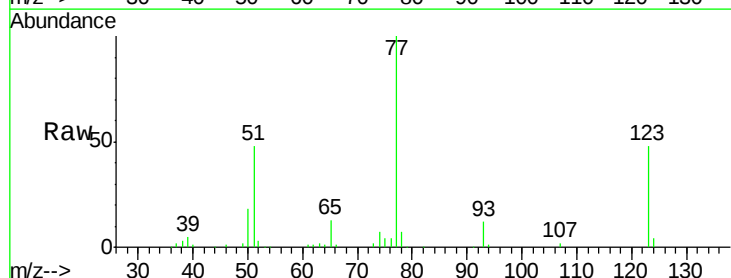
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MS

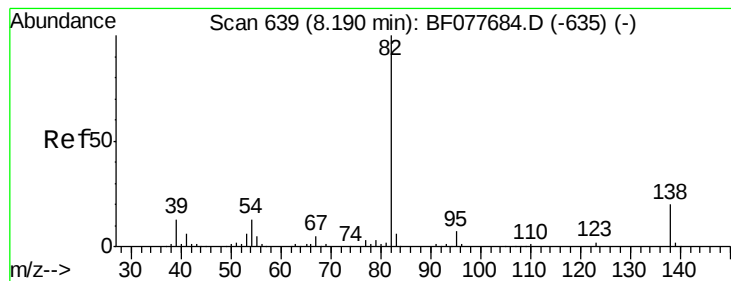
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	32.8	49.2
54	48.3	40.6	60.8



#24
 Nitrobenzene
 Concen: 42.27 ng
 RT: 7.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	32.6	49.0
65	13.3	10.9	16.3





#25

Isophorone

Concen: 39.10 ng

RT: 8.17 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

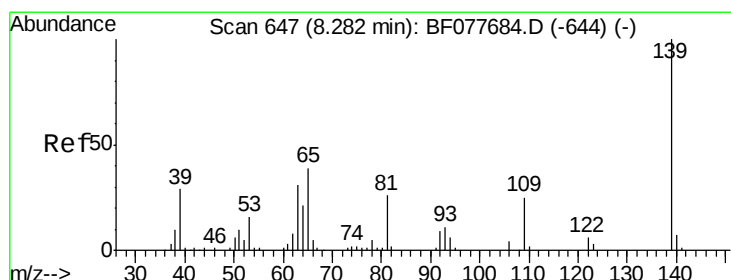
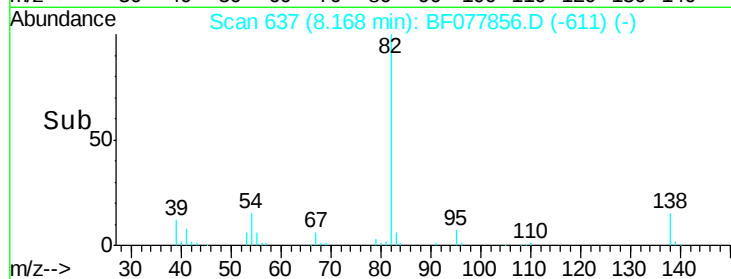
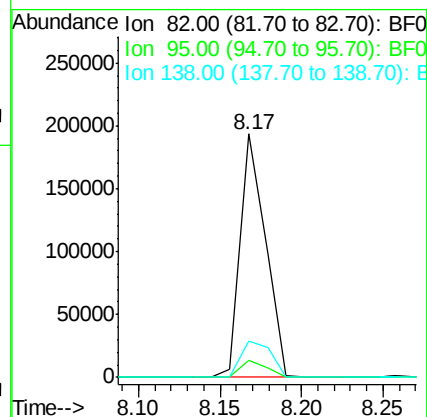
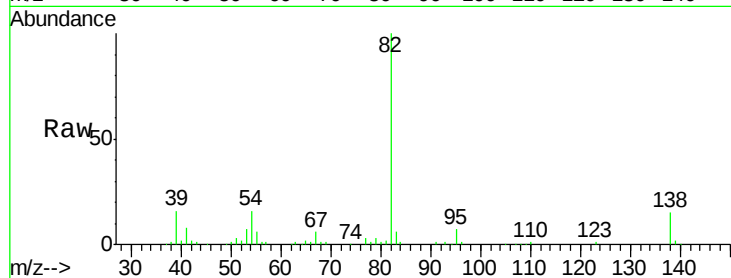
Tgt Ion: 82 Resp: 206002

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 15.1 16.3 24.5#



#26

2-Nitrophenol

Concen: 40.27 ng

RT: 8.26 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

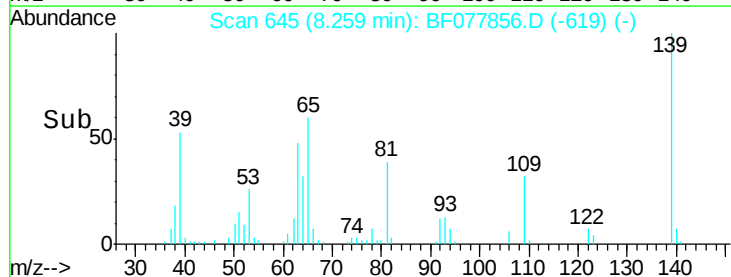
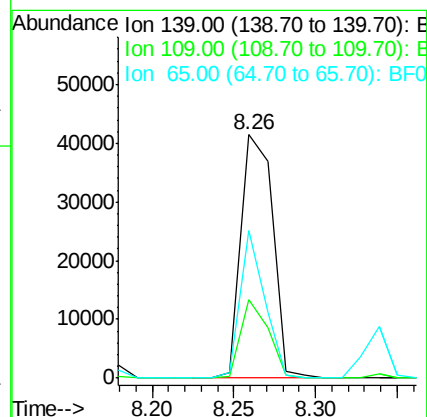
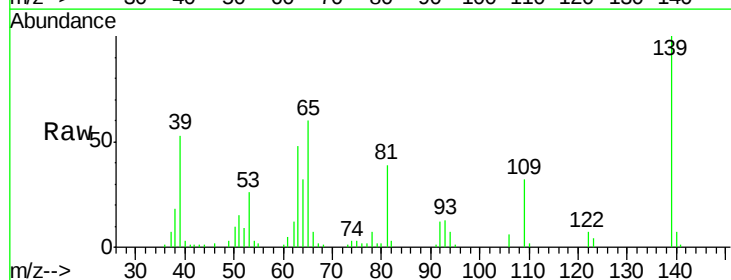
Tgt Ion: 139 Resp: 55410

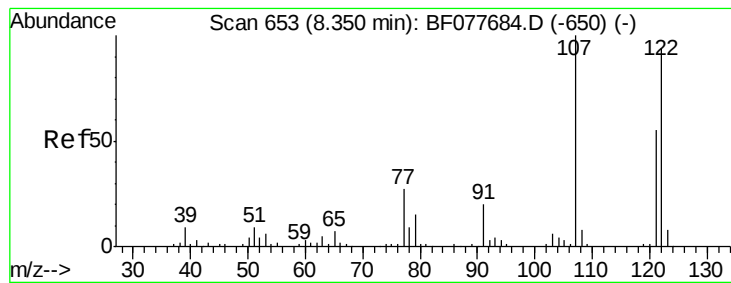
Ion Ratio Lower Upper

139 100

109 32.1 20.1 30.1#

65 60.5 31.5 47.3#

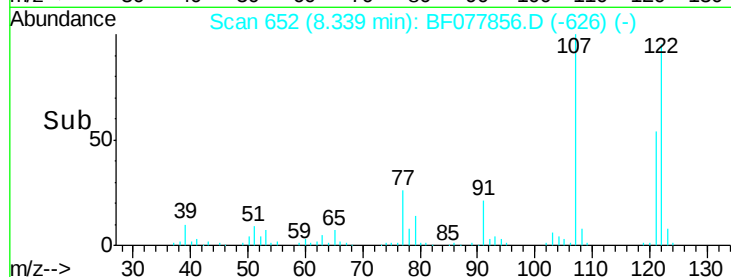
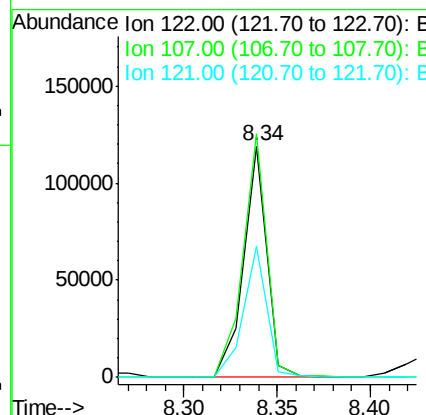
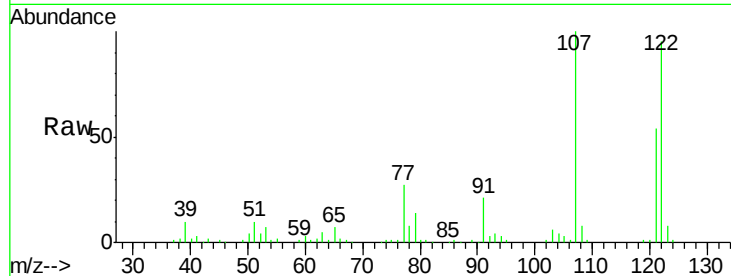




#27
 2,4-Dimethylphenol
 Concen: 41.46 ng
 RT: 8.34 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

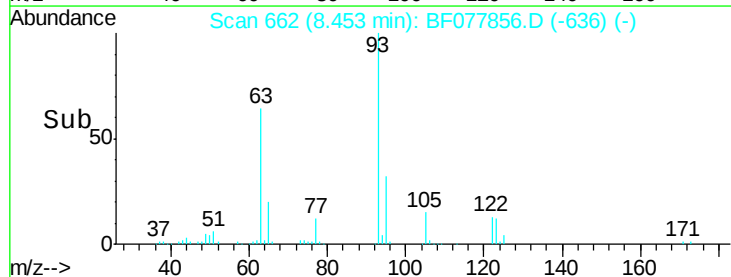
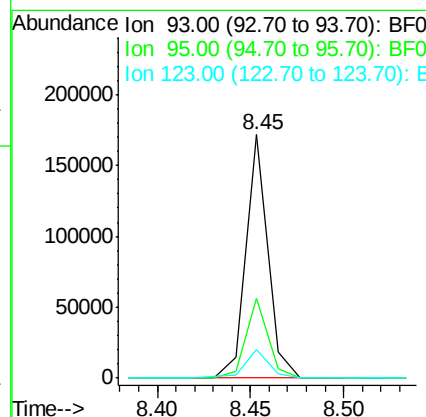
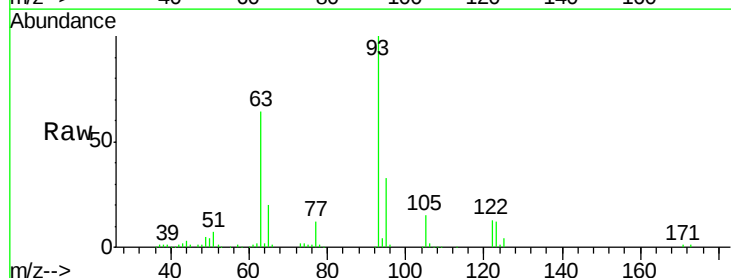
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MS

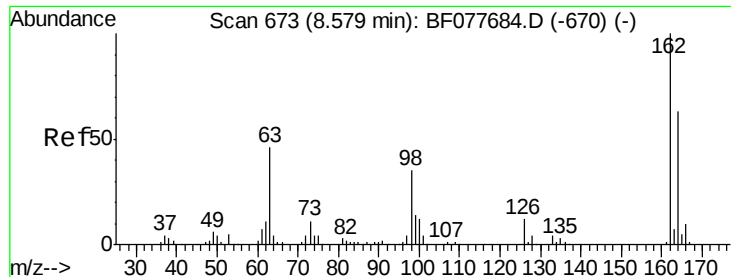
Tgt Ion: 122 Resp: 103935
 Ion Ratio Lower Upper
 122 100
 107 105.3 84.7 127.1
 121 56.8 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.97 ng
 RT: 8.45 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion: 93 Resp: 140622
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.5 38.3
 123 11.8 8.6 13.0

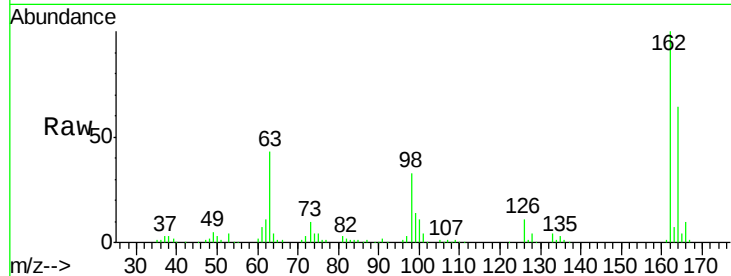




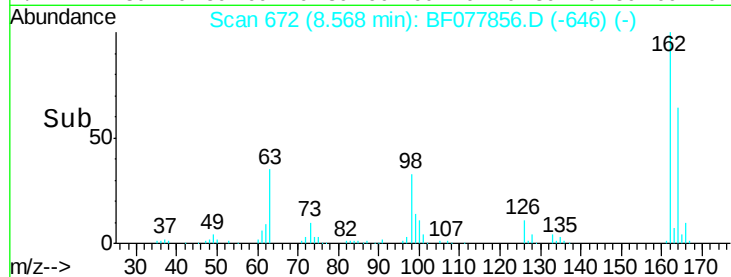
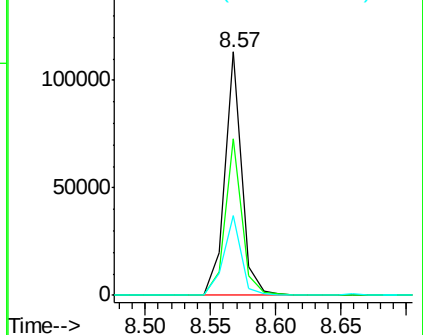
#29
 2,4-Dichlorophenol
 Concen: 43.07 ng
 RT: 8.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.8	82.8
98	32.7	14.5	54.5

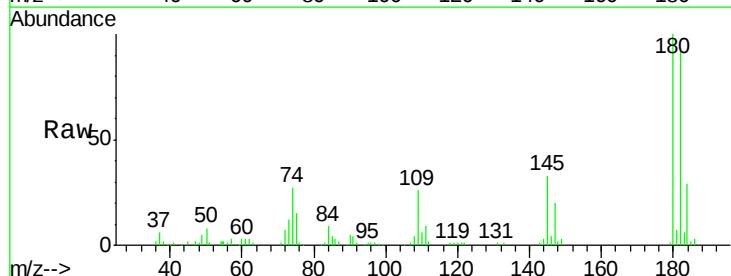


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

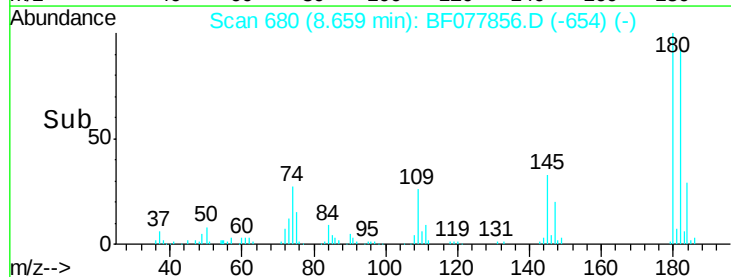
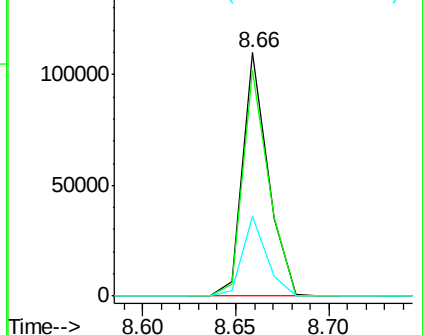


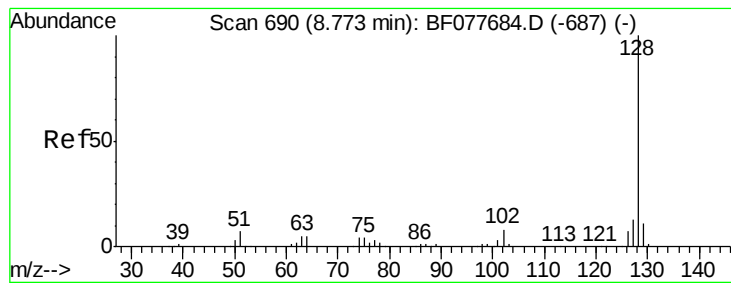
#30
 1,2,4-Trichlorobenzene
 Concen: 38.95 ng
 RT: 8.66 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	77.6	116.4
145	32.6	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: 38.63 ng

RT: 8.75 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

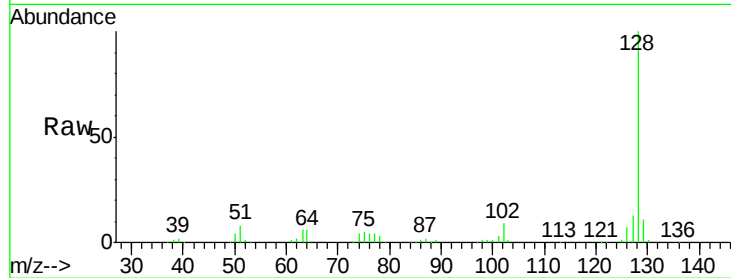
Tgt Ion:128 Resp: 339293

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

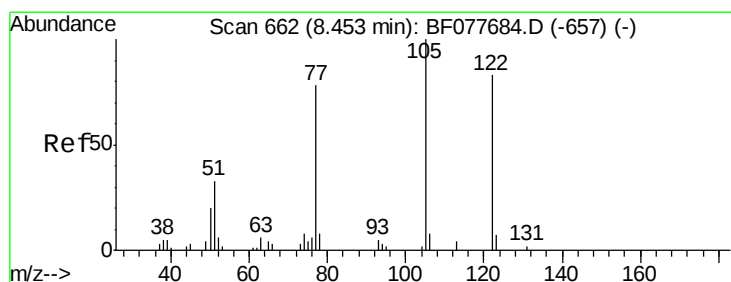
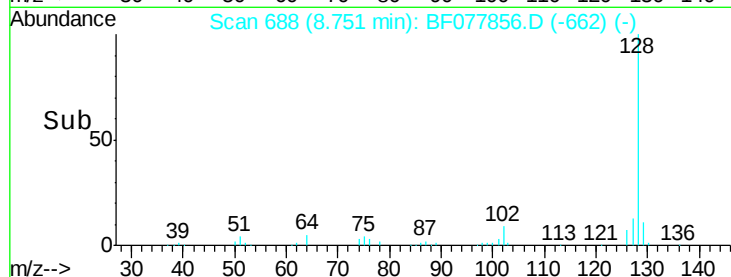
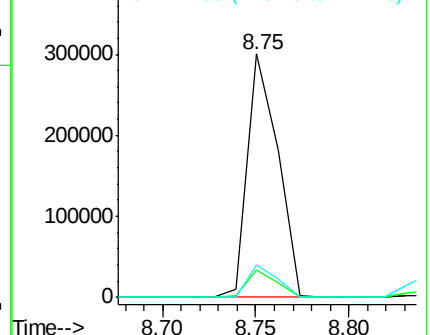
127 13.2 10.4 15.6



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: 40.93 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

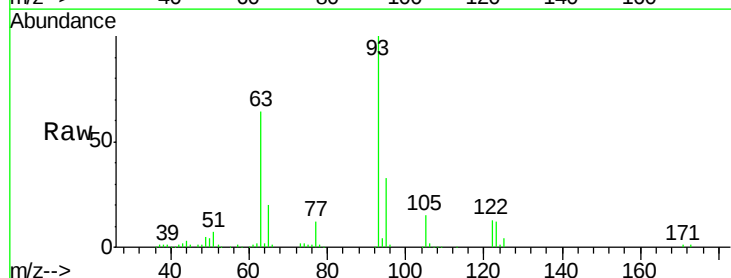
Tgt Ion:122 Resp: 56544

Ion Ratio Lower Upper

122 100

105 120.1 99.9 139.9

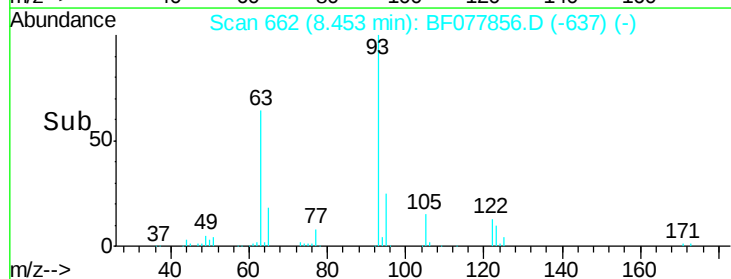
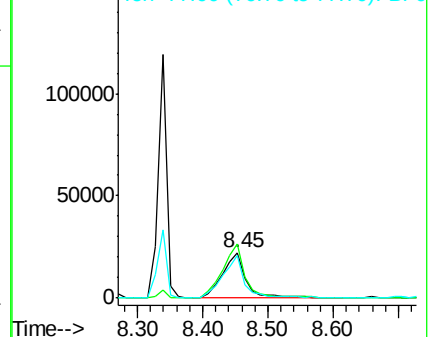
77 93.2 73.7 113.7

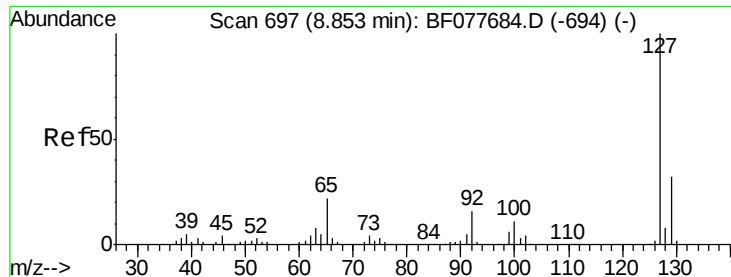


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

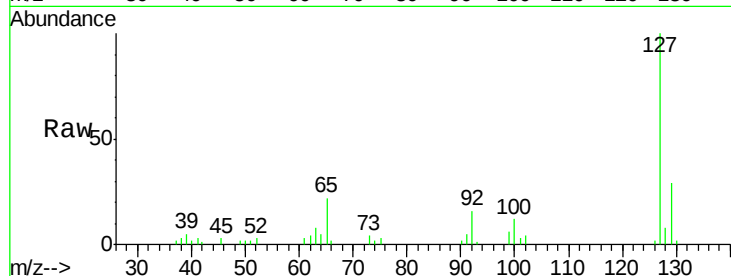




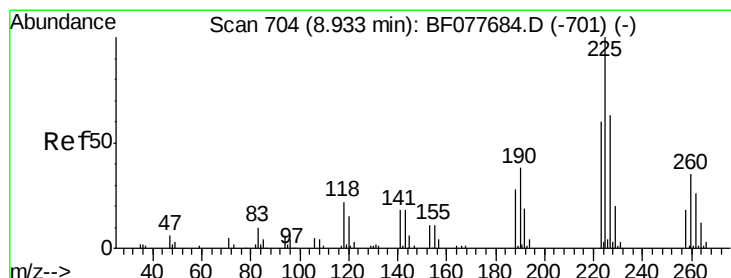
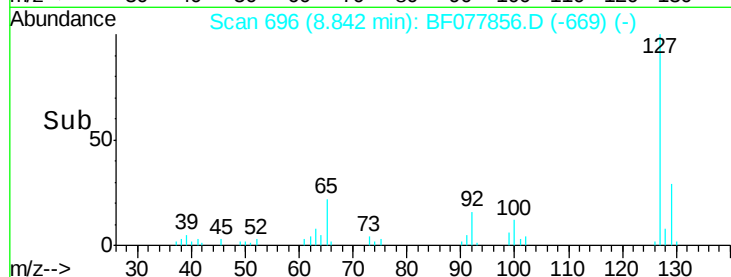
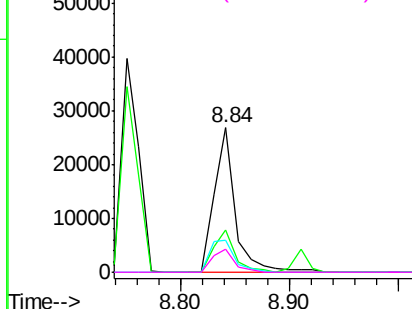
#33
4-Chloroaniline
Concen: 10.14 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

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

Tgt Ion:	127	Resp:	36140
Ion	Ratio	Lower	Upper
127	100		
129	29.4	25.3	37.9
65	22.4	17.6	26.4
92	16.2	13.1	19.7

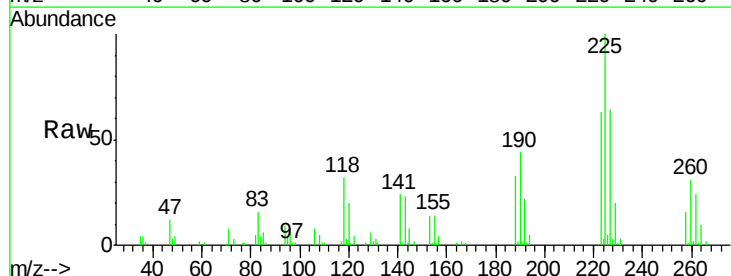


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

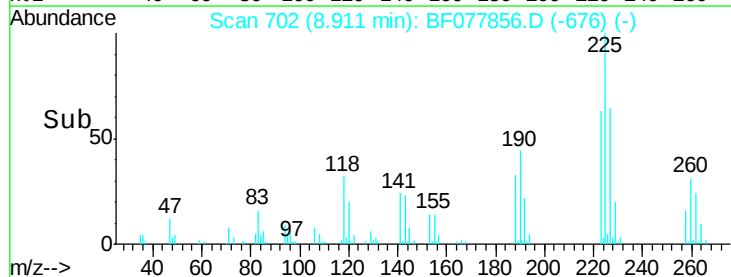
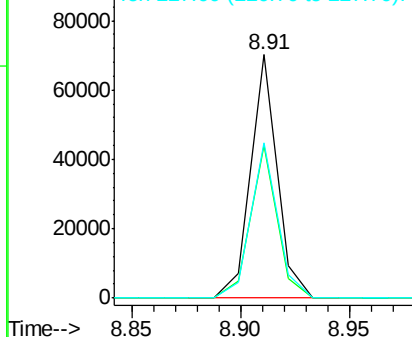


#34
Hexachlorobutadiene
Concen: 39.24 ng
RT: 8.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:	225	Resp:	59453
Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.9	71.9
227	63.8	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: 40.87 ng

RT: 9.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

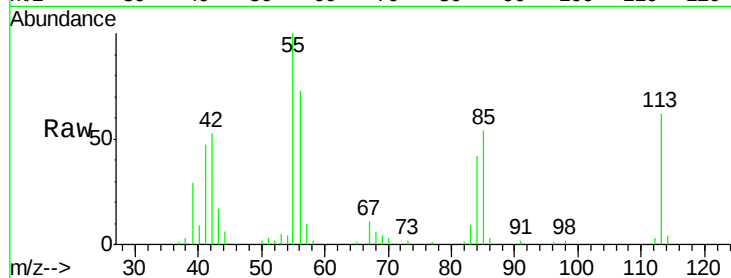
Tgt Ion:113 Resp: 28538

Ion Ratio Lower Upper

113 100

55 160.5 145.9 185.9

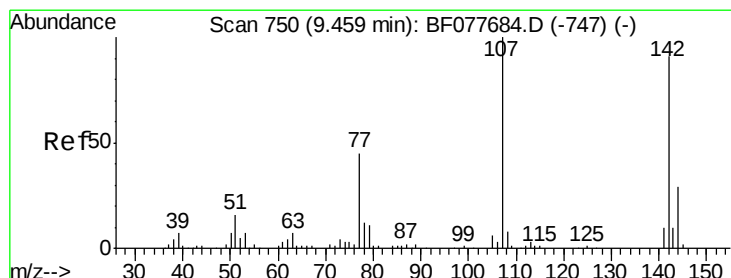
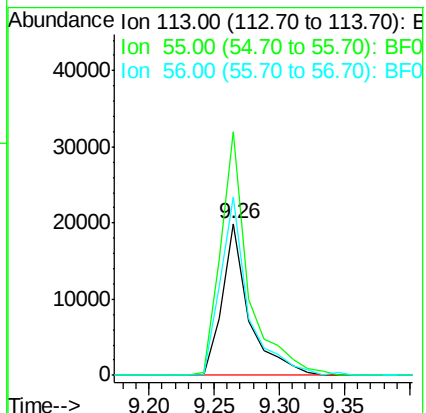
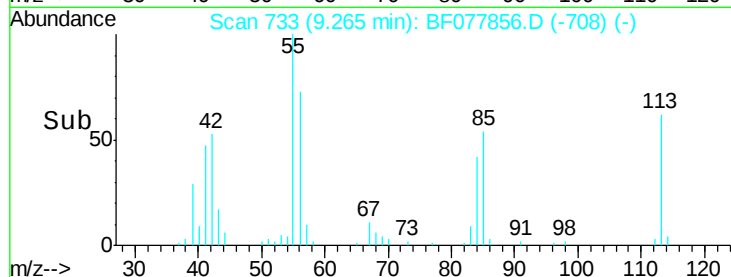
56 117.3 101.0 141.0



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: 41.36 ng

RT: 9.45 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

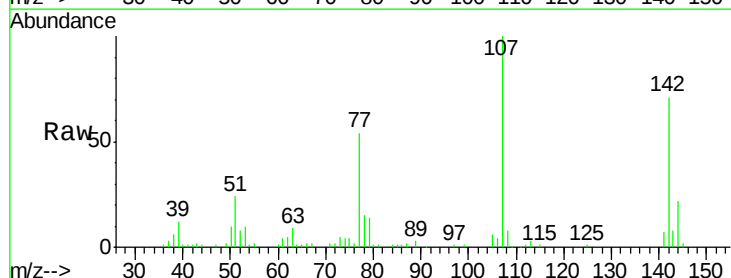
Tgt Ion:107 Resp: 99431

Ion Ratio Lower Upper

107 100

144 21.7 23.3 34.9#

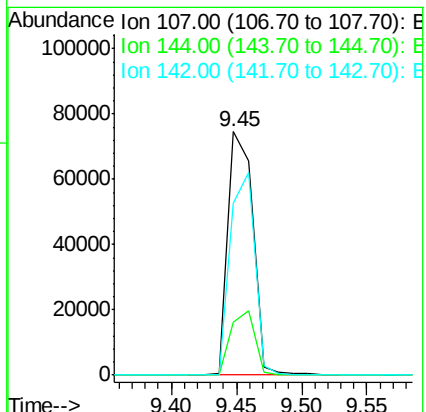
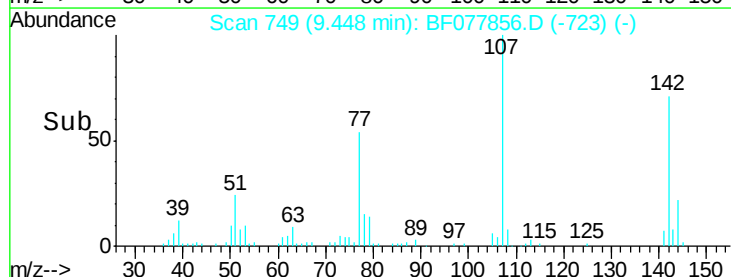
142 70.8 72.6 109.0#

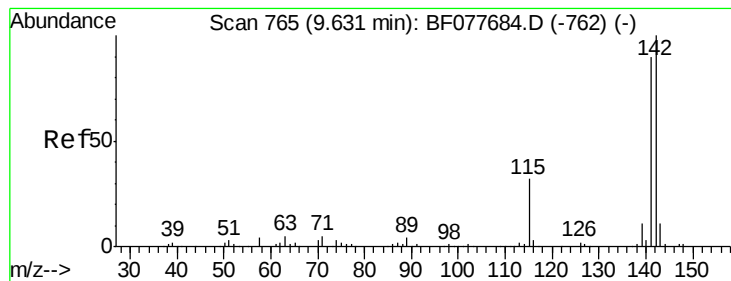


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.38 ng

RT: 9.62 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

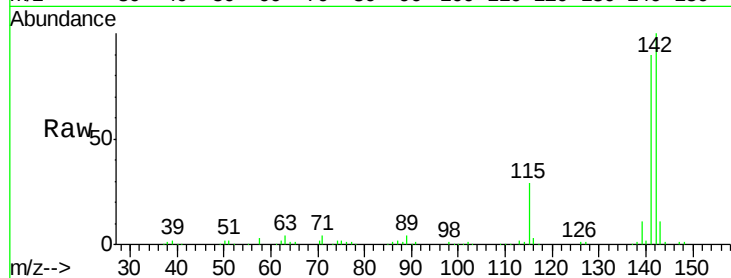
Tgt Ion:142 Resp: 238285

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

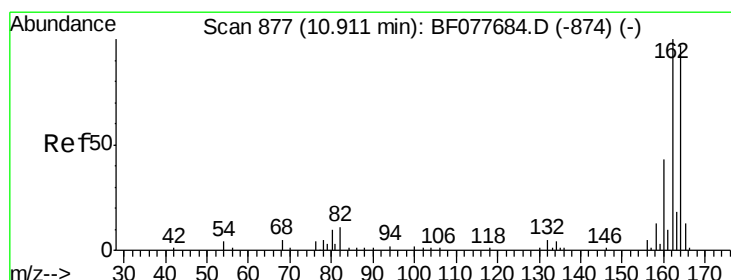
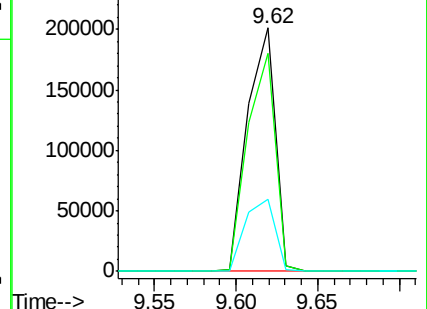
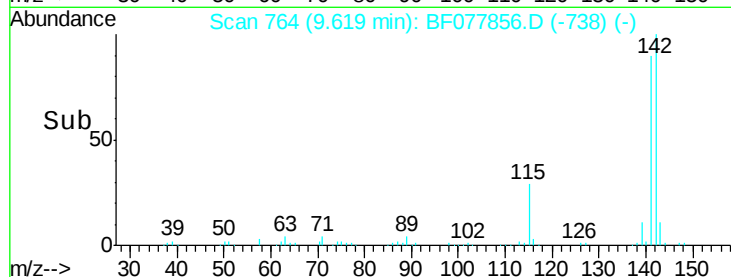
115 29.5 25.4 38.0



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: BF077856.D

Acq: 20 Mar 2015 5:16

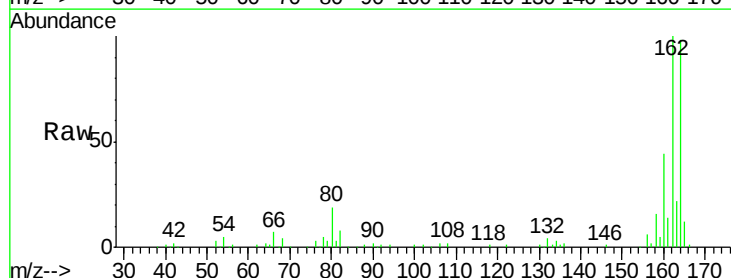
Tgt Ion:164 Resp: 84777

Ion Ratio Lower Upper

164 100

162 102.5 82.4 123.6

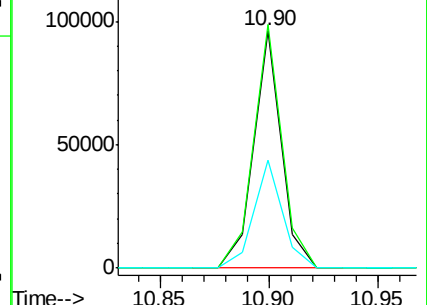
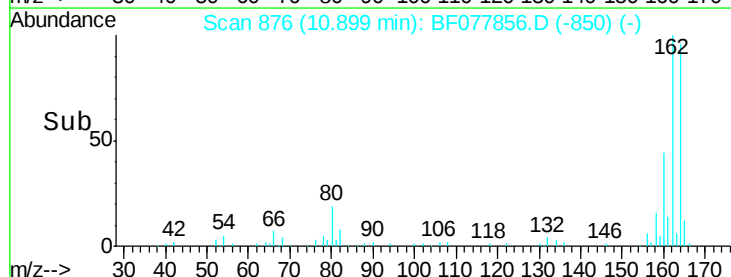
160 45.3 35.8 53.6

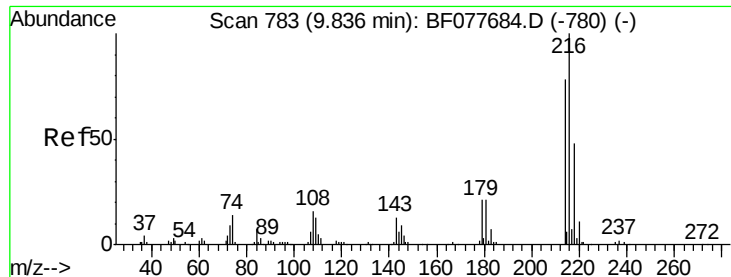


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.42 ng

RT: 9.82 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

Tgt Ion:216 Resp: 102201

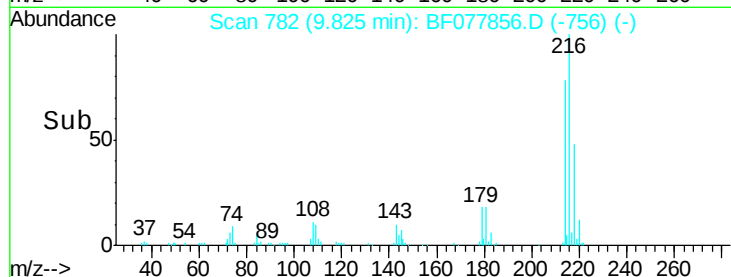
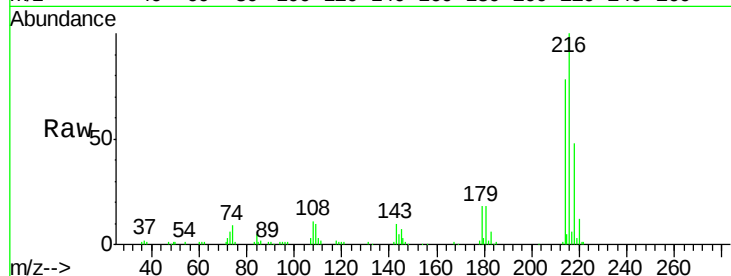
Ion Ratio Lower Upper

216 100

214 77.9 0.0 0.0#

179 21.0 0.0 0.0#

108 20.7 0.0 0.0#

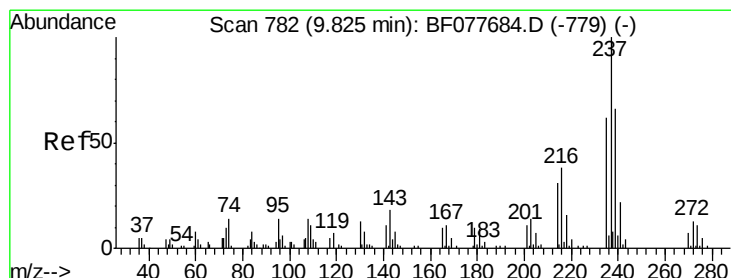
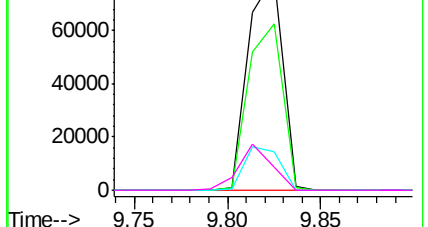


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.30 ng

RT: 9.80 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

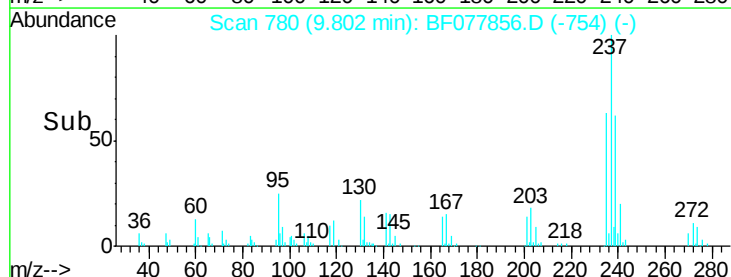
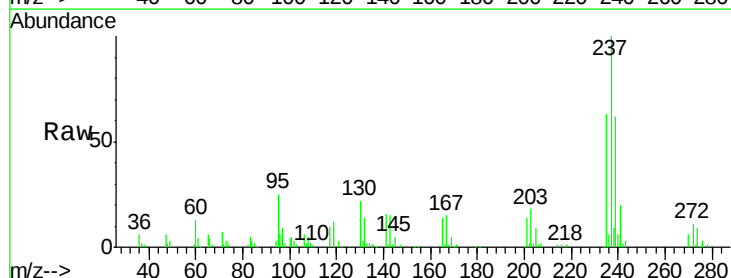
Tgt Ion:237 Resp: 93757

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

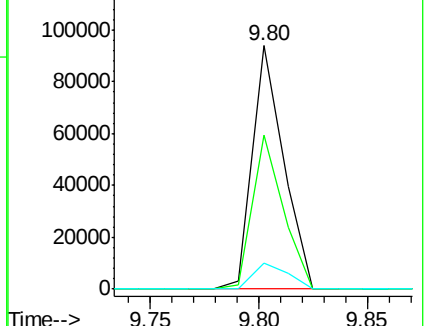
272 10.8 0.0 33.4

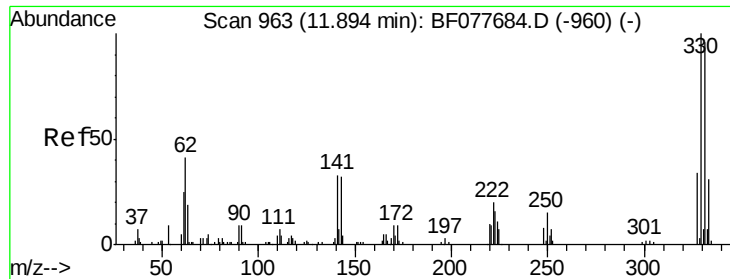


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

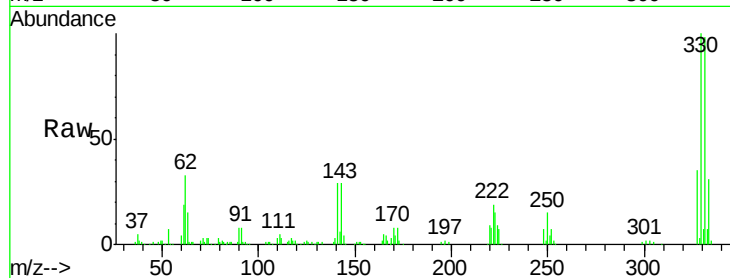




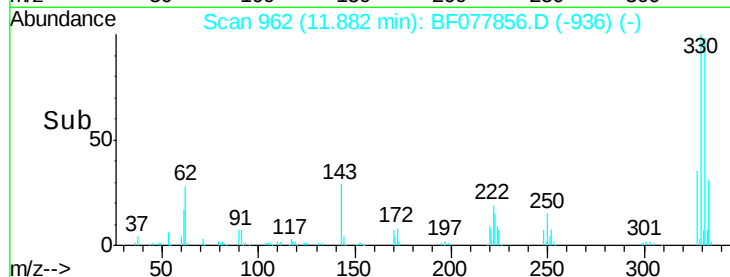
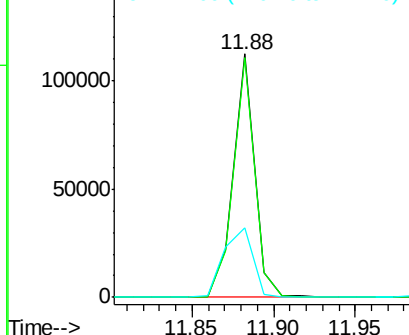
#41
 2,4,6-Tribromophenol
 Concen: 124.84 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	38.7	0.0	0.0#

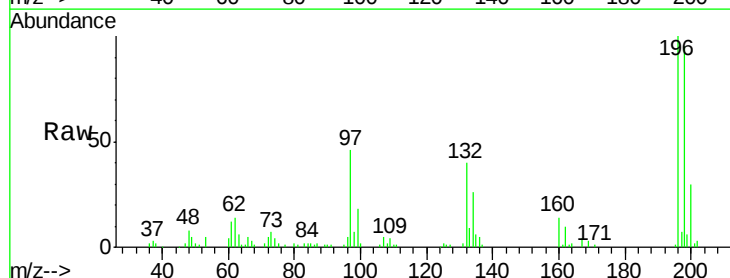


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

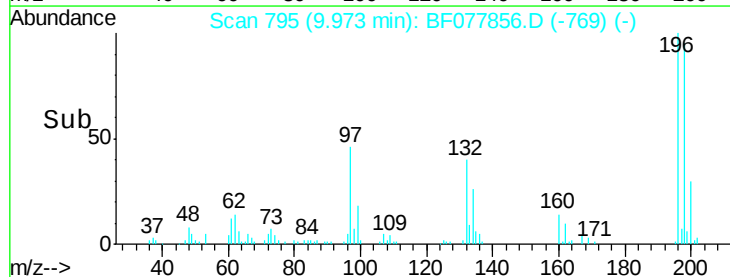
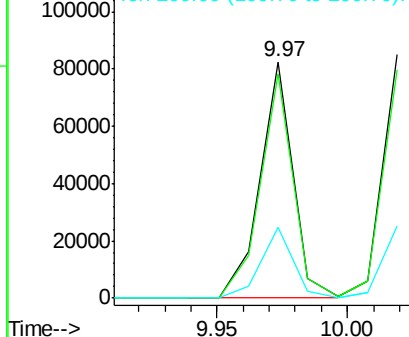


#42
 2,4,6-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.3	114.5
200	30.1	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

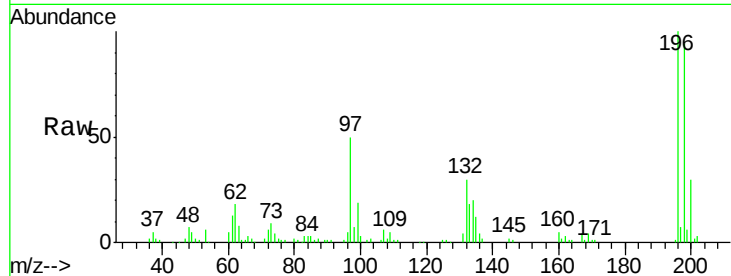




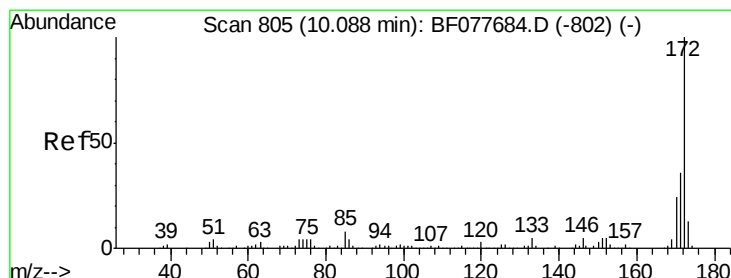
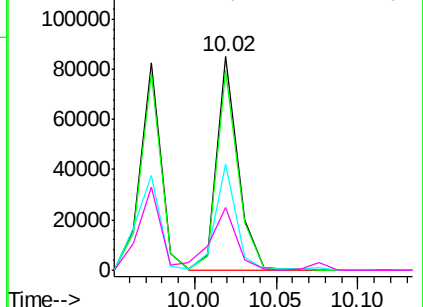
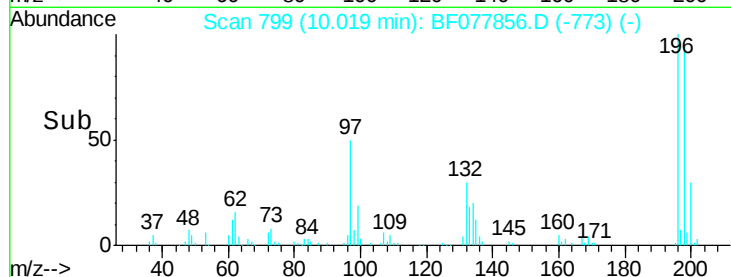
#43
 2,4,5-Trichlorophenol
 Concen: 40.99 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	79.4	119.0
97	49.9	26.8	40.2
132	29.6	18.6	28.0

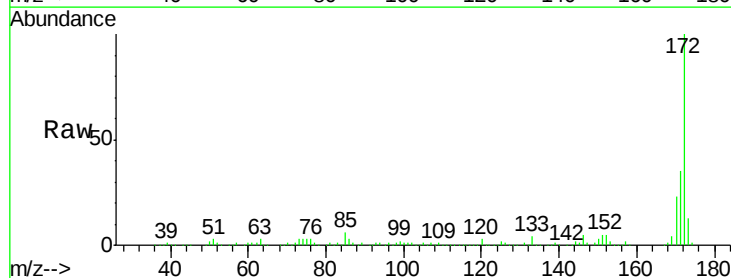


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

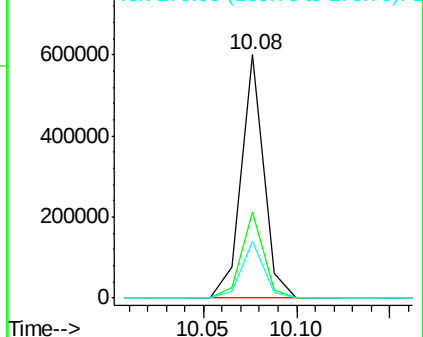
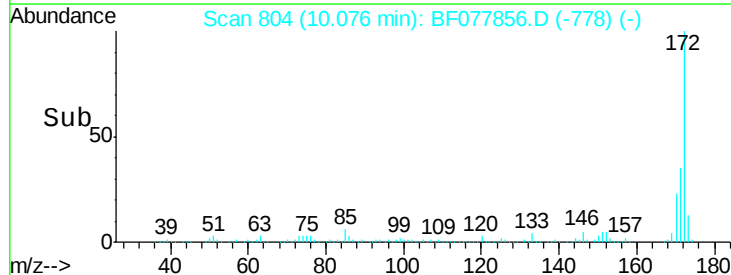


#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

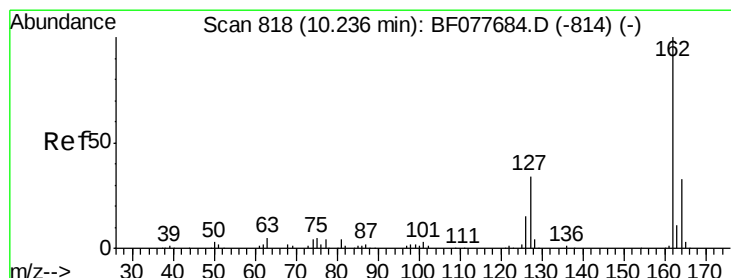
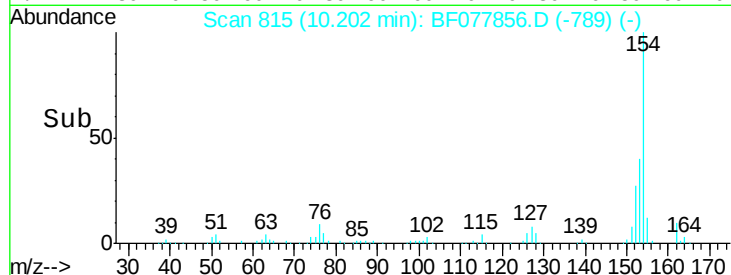
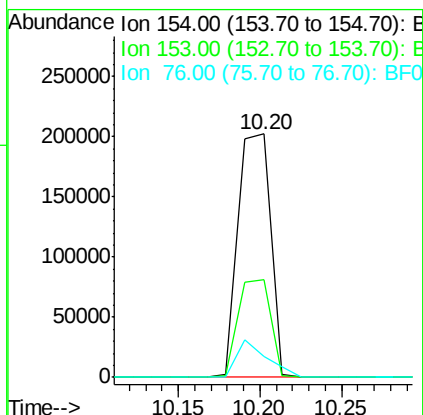
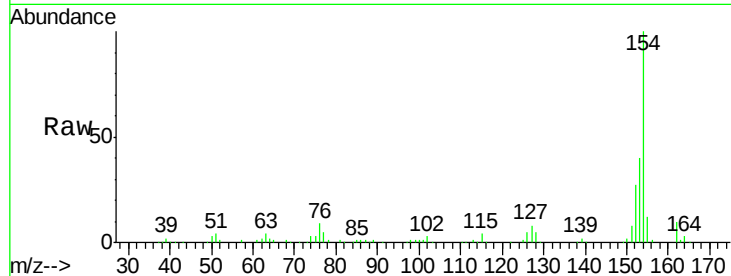




#45
1,1'-Biphenyl
Concen: 41.16 ng
RT: 10.20 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

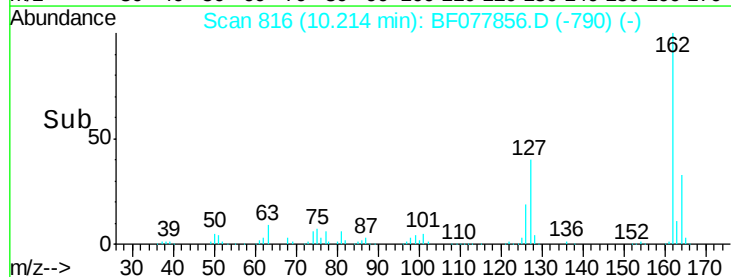
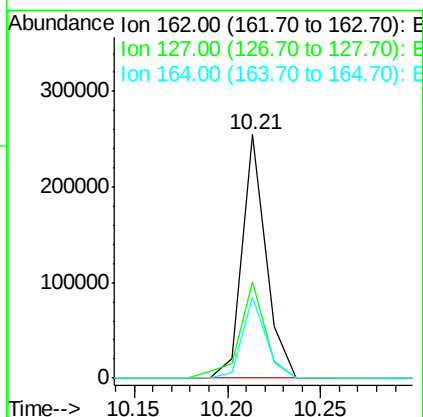
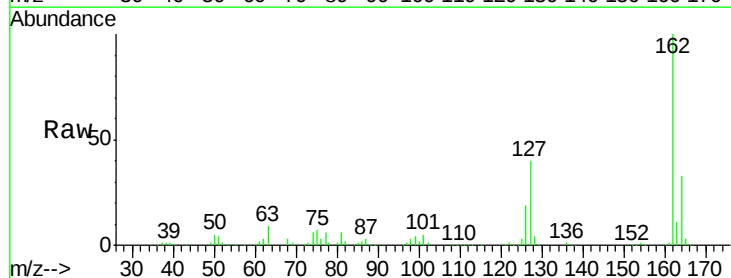
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MS

Tgt Ion:154 Resp: 278955
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 8.8 0.0 30.9



#46
2-Chloronaphthalene
Concen: 41.09 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:162 Resp: 226305
Ion Ratio Lower Upper
162 100
127 39.8 26.9 40.3
164 33.0 26.8 40.2

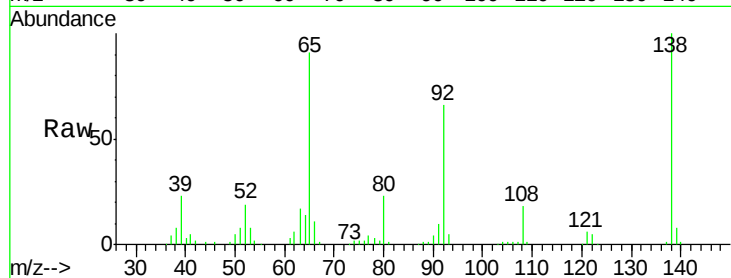




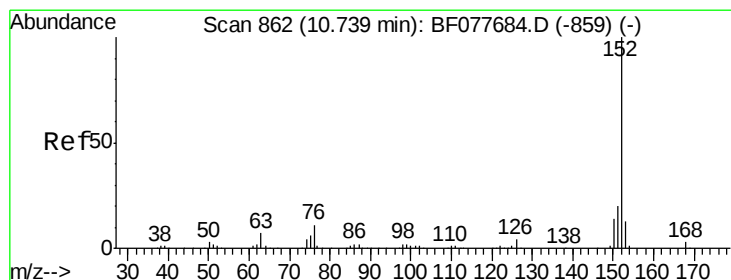
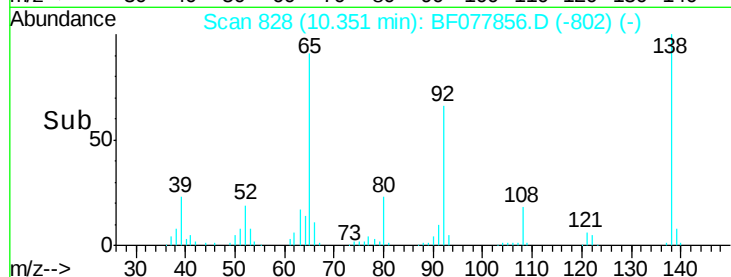
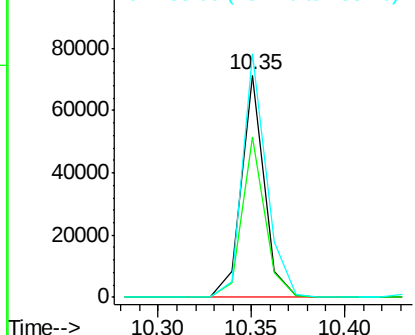
#47
2-Nitroaniline
Concen: 44.64 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

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

Tgt Ion: 65 Resp: 61053
Ion Ratio Lower Upper
65 100
92 72.0 59.1 88.7
138 109.5 93.9 140.9

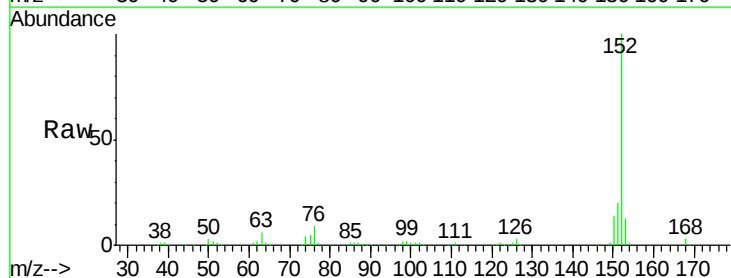


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

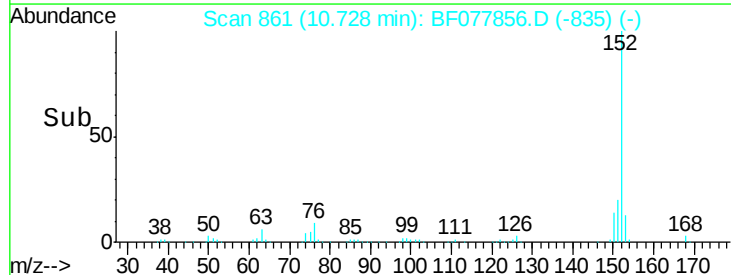
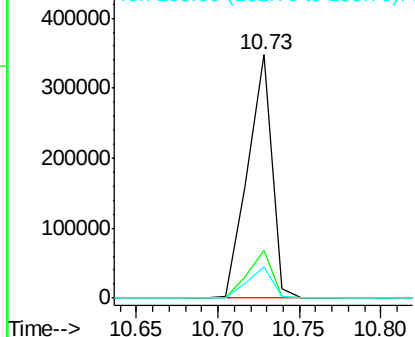


#48
Acenaphthylene
Concen: 38.90 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion: 152 Resp: 356257
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.6 10.6 16.0



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

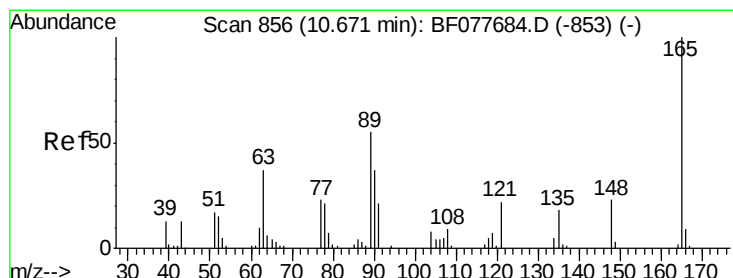
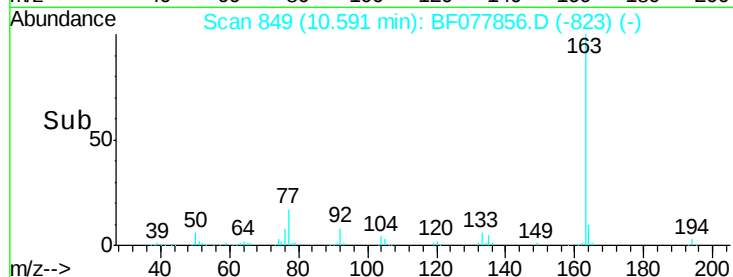
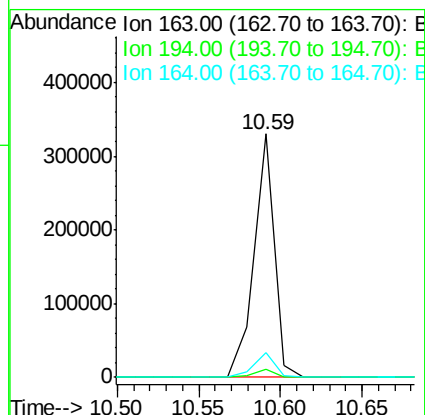
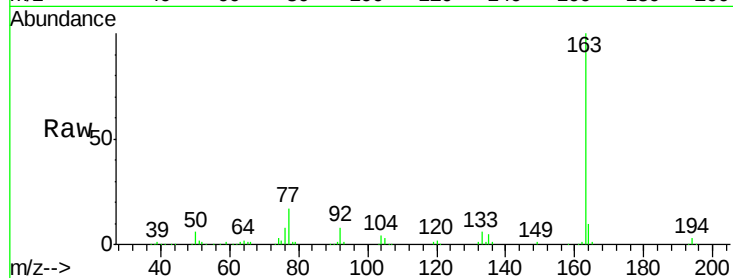




#49
Dimethylphthalate
Concen: 45.24 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

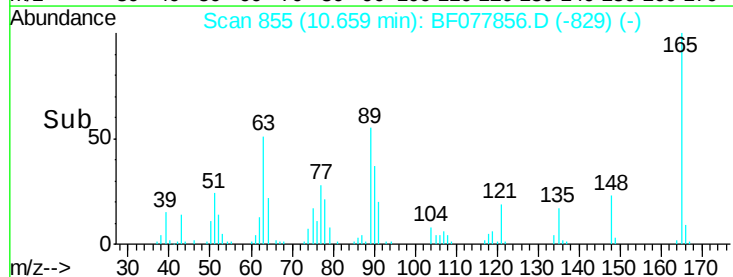
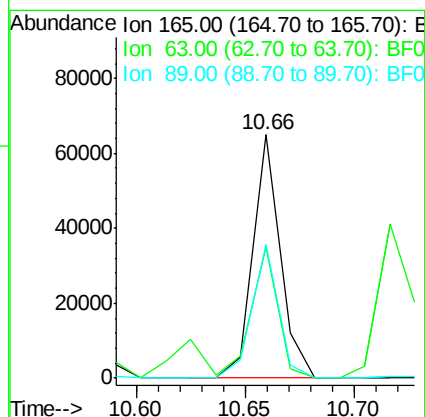
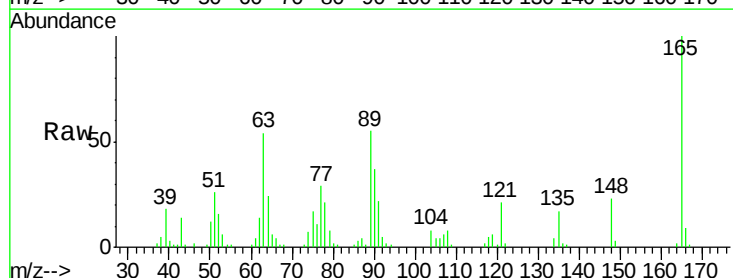
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MS

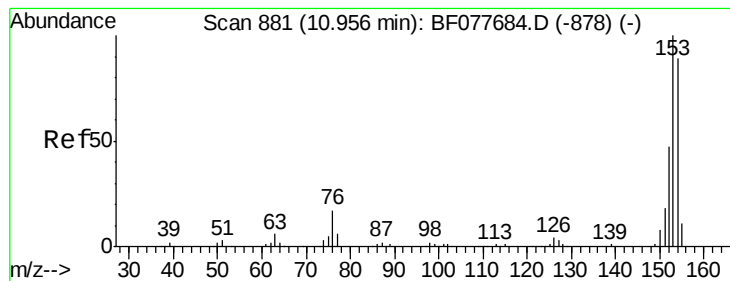
Tgt Ion:163 Resp: 284465
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 43.51 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:165 Resp: 56714
Ion Ratio Lower Upper
165 100
63 53.9 44.1 66.1
89 54.8 44.3 66.5





#51

Acenaphthene

Concen: 38.65 ng

RT: 10.95 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

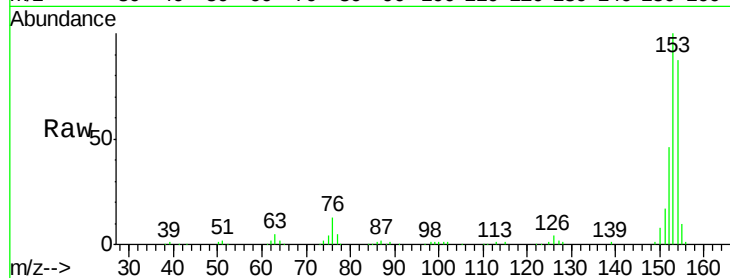
Tgt Ion:154 Resp: 202968

Ion Ratio Lower Upper

154 100

153 114.7 90.0 135.0

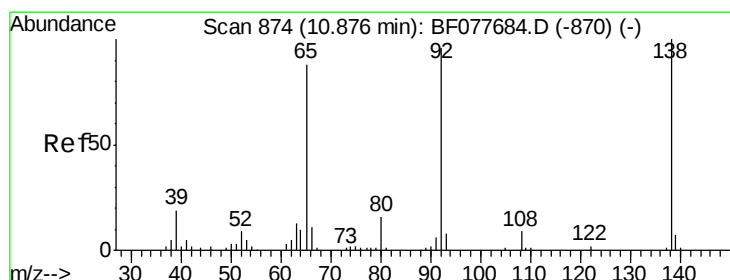
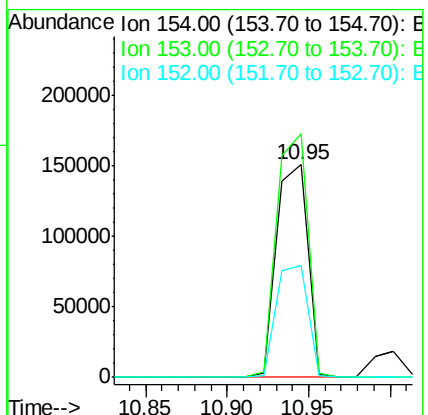
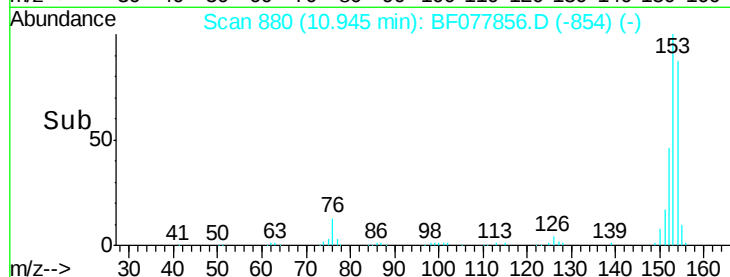
152 52.6 42.6 63.8



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: 16.26 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

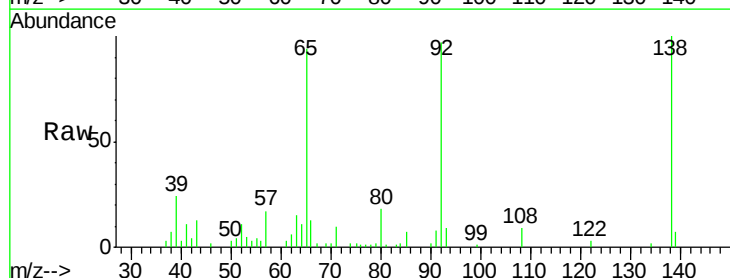
Tgt Ion:138 Resp: 24616

Ion Ratio Lower Upper

138 100

108 9.4 7.3 10.9

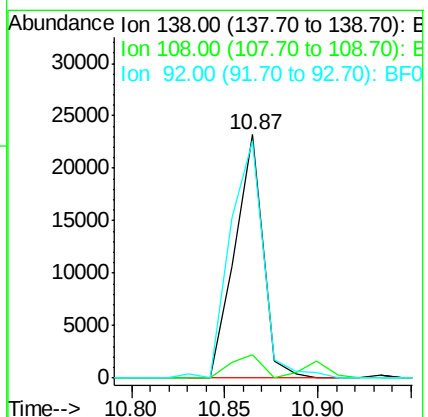
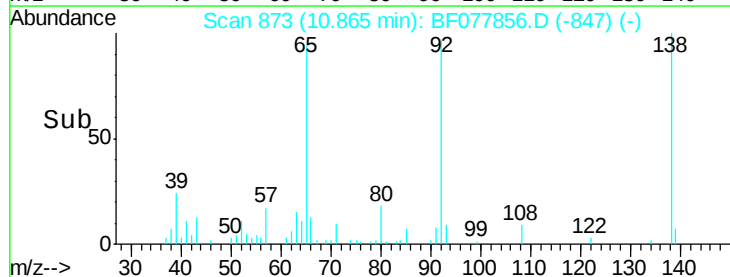
92 97.4 76.6 114.8

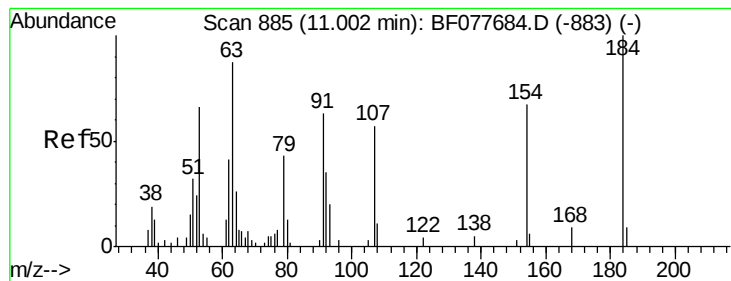


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 87.56 ng

RT: 11.00 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

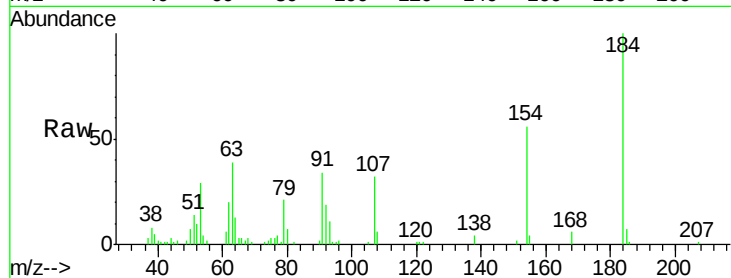
Tgt Ion:184 Resp: 42332

Ion Ratio Lower Upper

184 100

63 39.1 69.2 103.8#

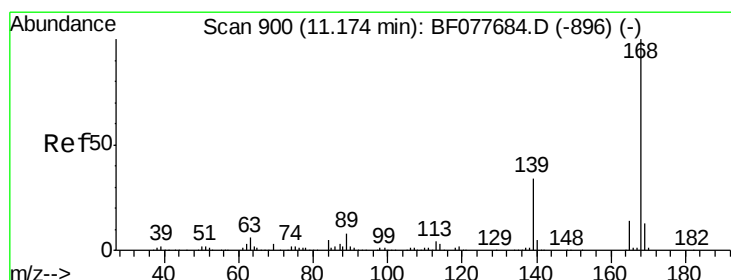
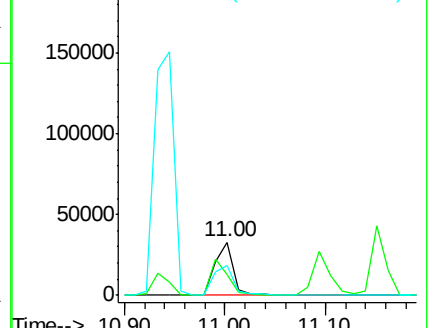
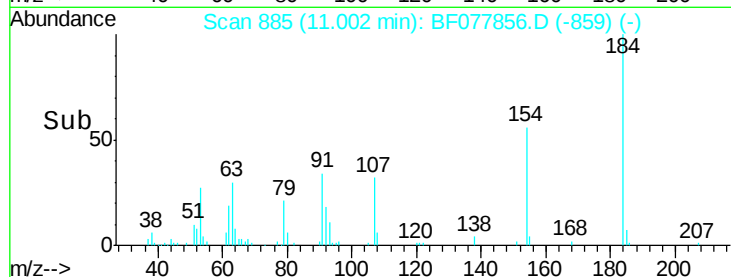
154 55.8 53.3 79.9



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: 40.23 ng

RT: 11.15 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

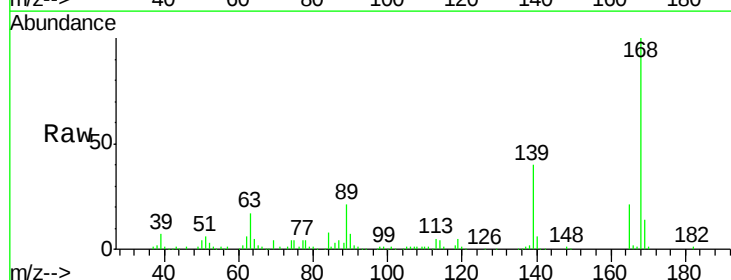
Tgt Ion:168 Resp: 313318

Ion Ratio Lower Upper

168 100

139 40.2 27.3 40.9

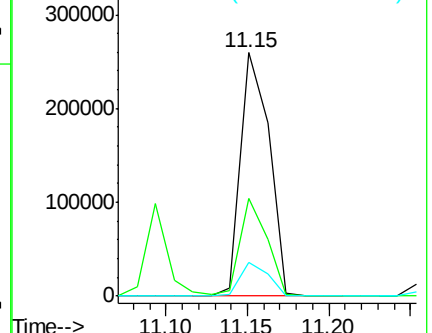
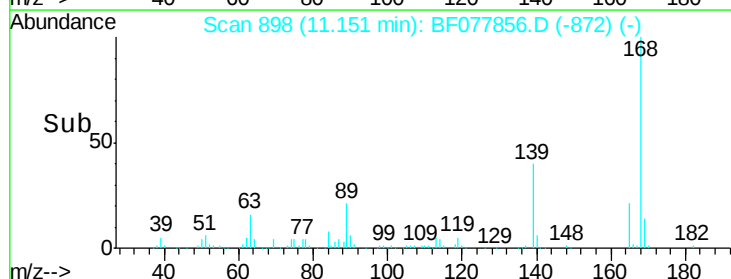
169 13.8 10.6 16.0

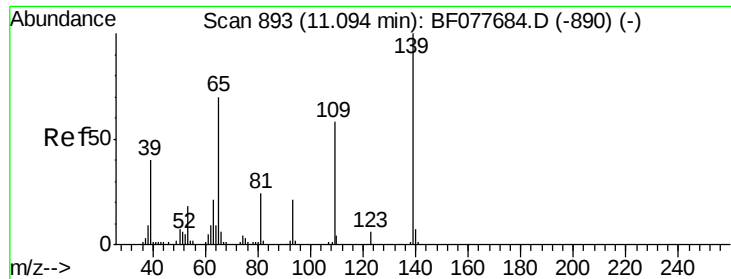


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

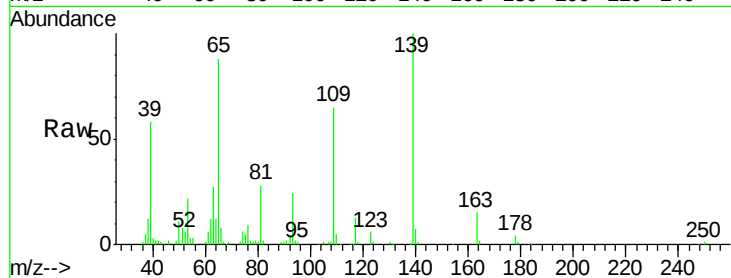




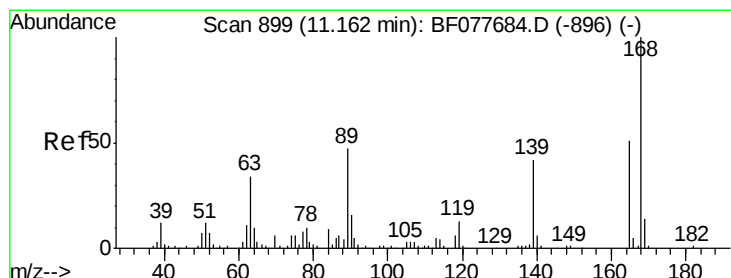
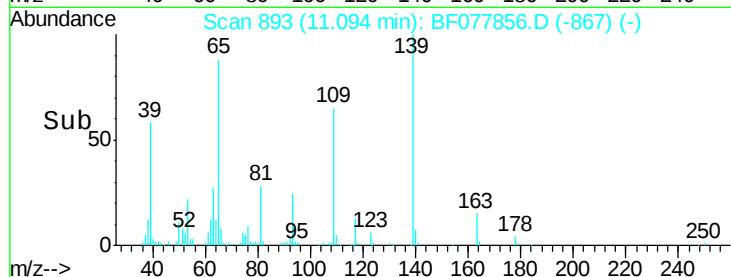
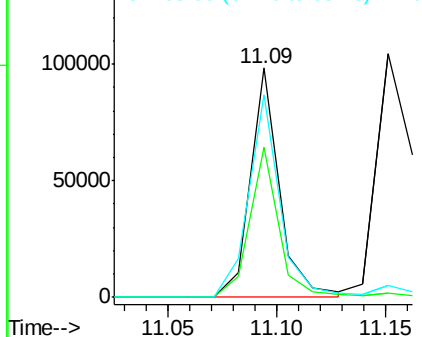
#55
4-Nitrophenol
Concen: 80.89 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

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

Tgt Ion:139 Resp: 90697
Ion Ratio Lower Upper
139 100
109 65.4 37.7 77.7
65 88.3 49.9 89.9

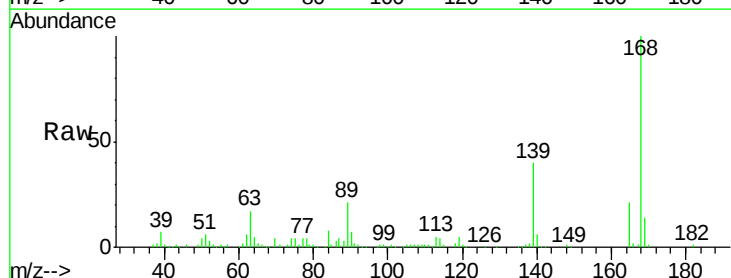


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

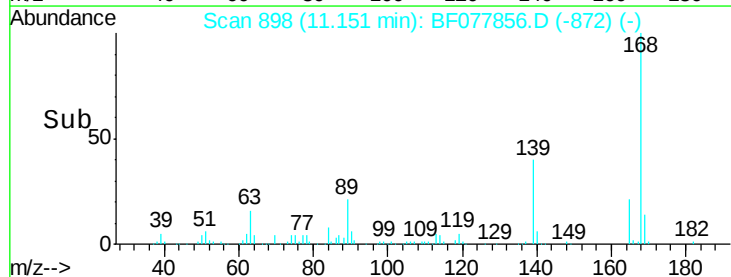
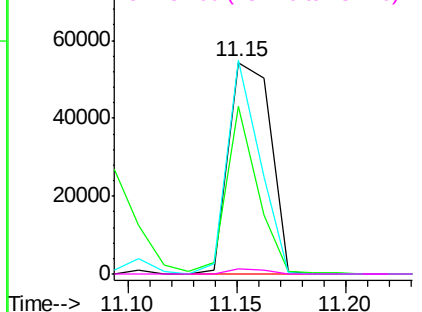


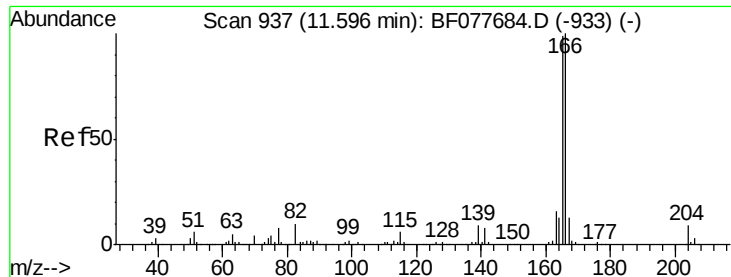
#56
2,4-Dinitrotoluene
Concen: 42.93 ng
RT: 11.15 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:165 Resp: 72960
Ion Ratio Lower Upper
165 100
63 79.3 52.4 78.6#
89 100.9 72.4 108.6
182 2.4 2.0 3.0



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
Ion 182.00 (181.70 to 182.70): E

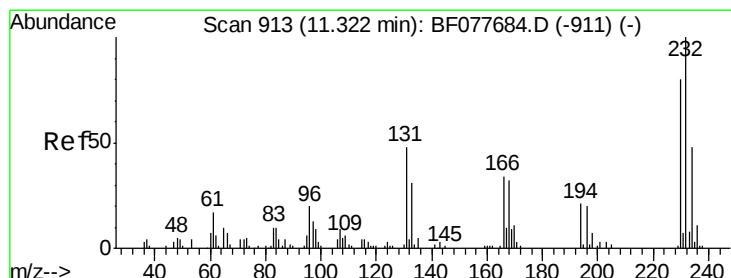
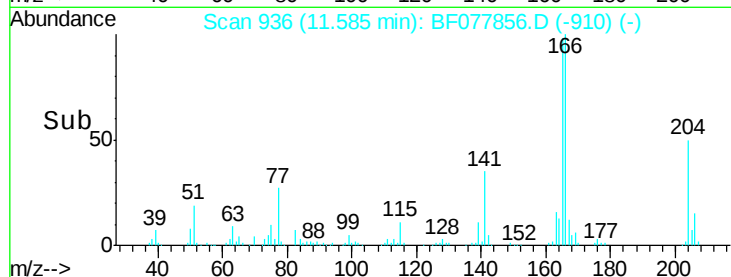
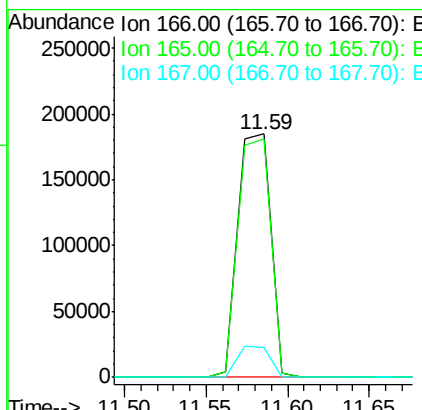
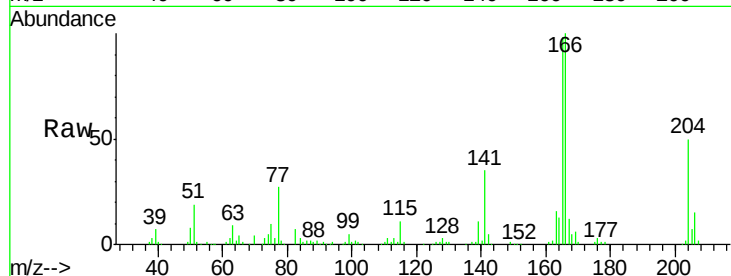




#57
 Fluorene
 Concen: 39.64 ng
 RT: 11.59 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

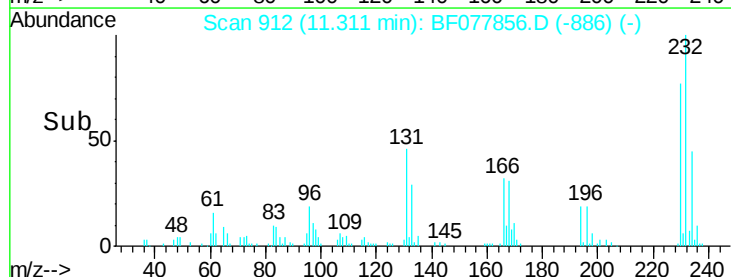
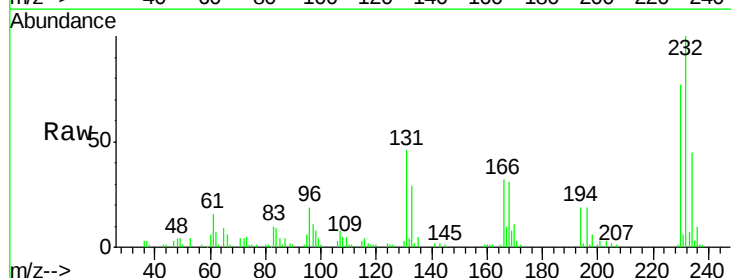
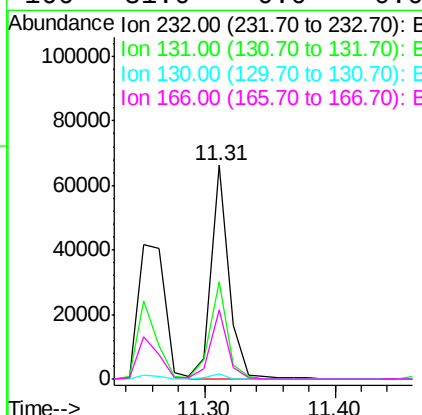
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MS

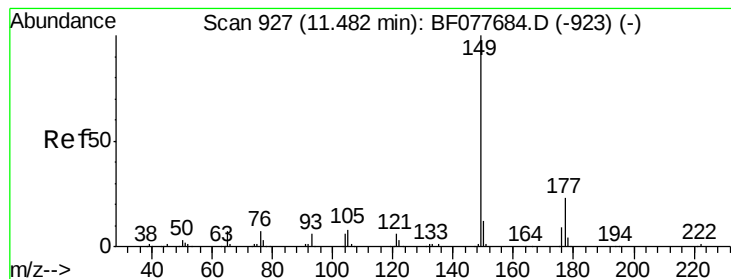
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	12.5	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.53 ng
 RT: 11.31 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.5	0.0	0.0#
130	2.2	0.0	0.0#
166	31.0	0.0	0.0#





#59

Diethylphthalate

Concen: 40.89 ng

RT: 11.46 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

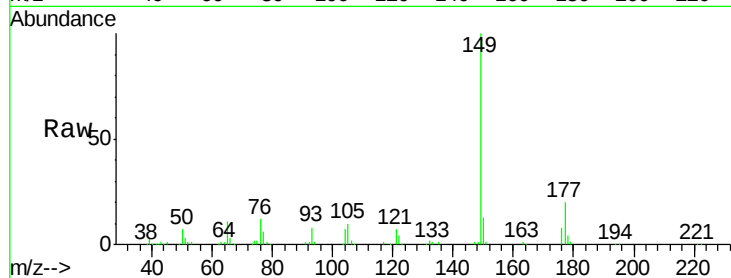
Tgt Ion:149 Resp: 250493

Ion Ratio Lower Upper

149 100

177 19.8 18.3 27.5

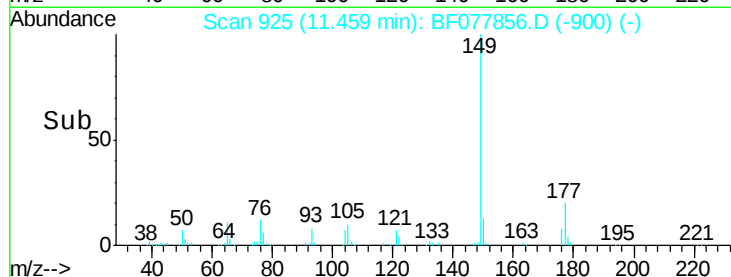
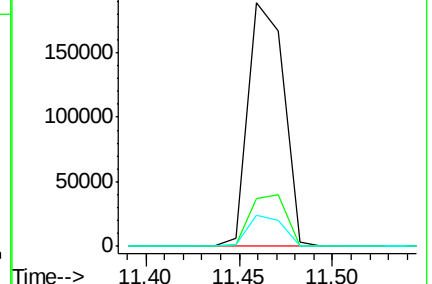
150 12.7 9.8 14.8



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: 40.60 ng

RT: 11.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

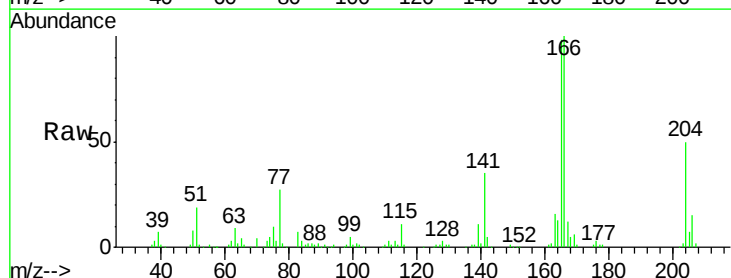
Tgt Ion:204 Resp: 119831

Ion Ratio Lower Upper

204 100

206 30.4 26.6 39.8

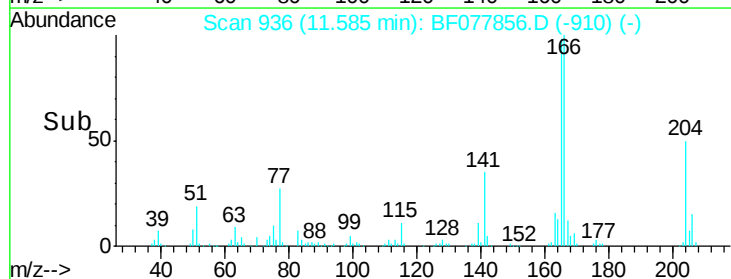
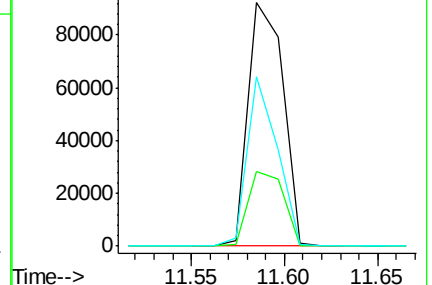
141 69.6 45.2 67.8#

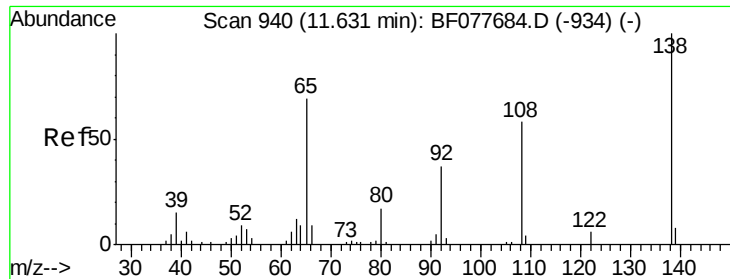


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

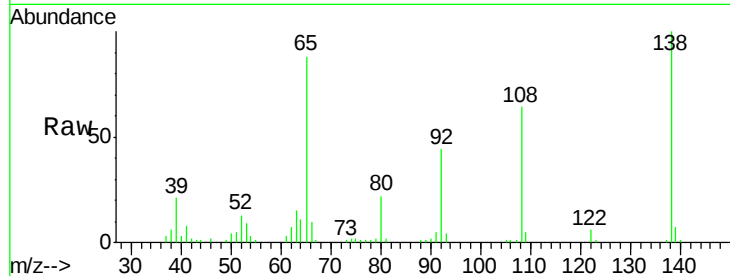




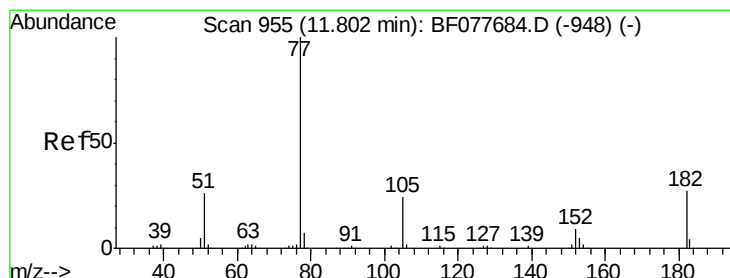
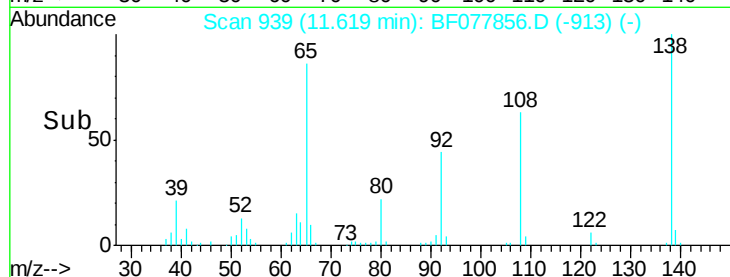
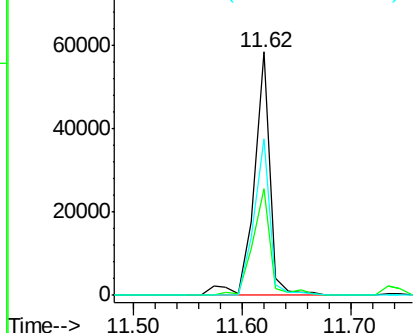
#61
4-Nitroaniline
Concen: 39.63 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

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

Tgt Ion:138 Resp: 59781
Ion Ratio Lower Upper
138 100
92 43.9 16.7 56.7
108 64.2 37.6 77.6

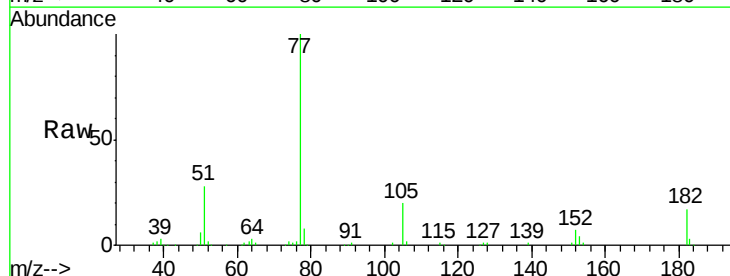


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

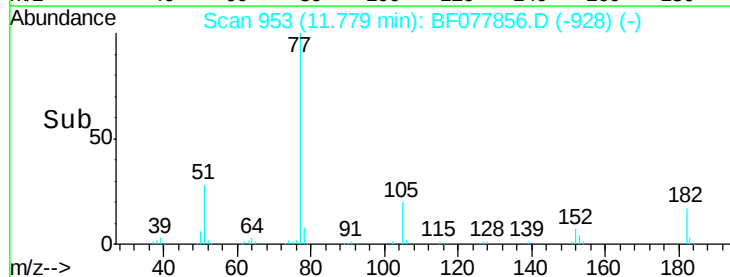
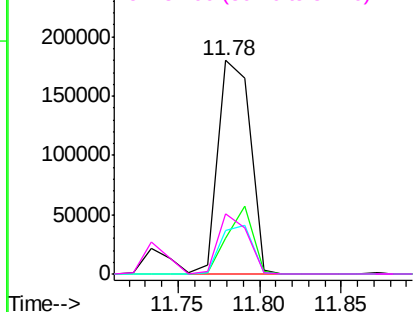


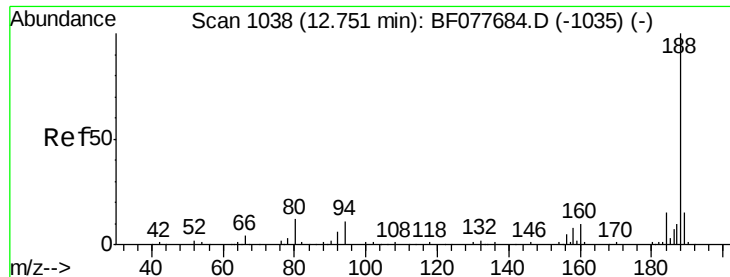
#62
Azobenzene
Concen: 41.73 ng
RT: 11.78 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion: 77 Resp: 244353
Ion Ratio Lower Upper
77 100
182 16.9 6.5 46.5
105 20.4 3.8 43.8
51 28.4 5.5 45.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

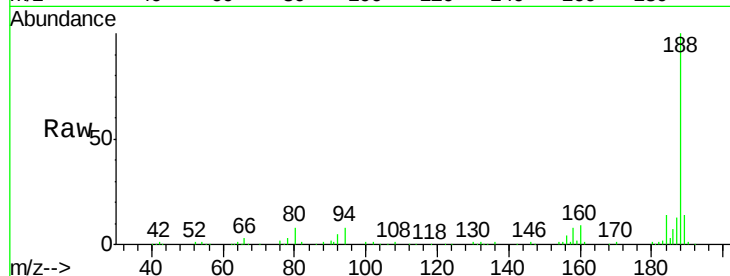




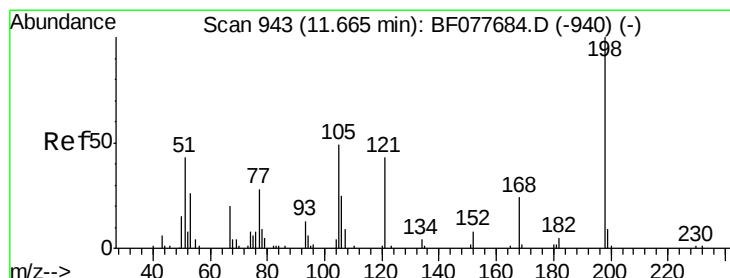
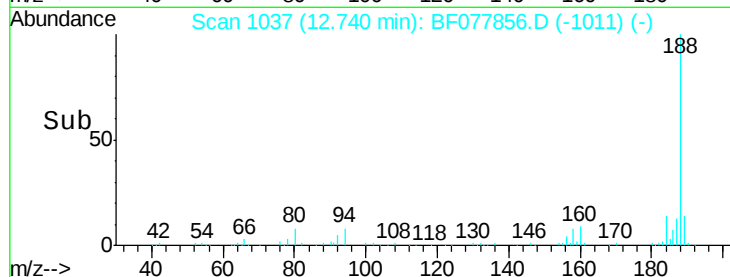
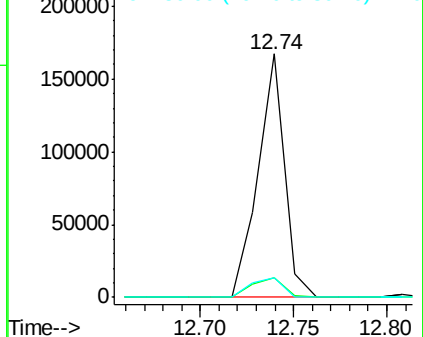
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

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

Tgt Ion:188 Resp: 166744
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 8.3 9.3 13.9#

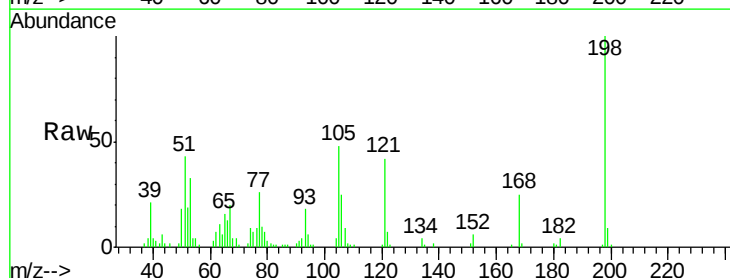


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

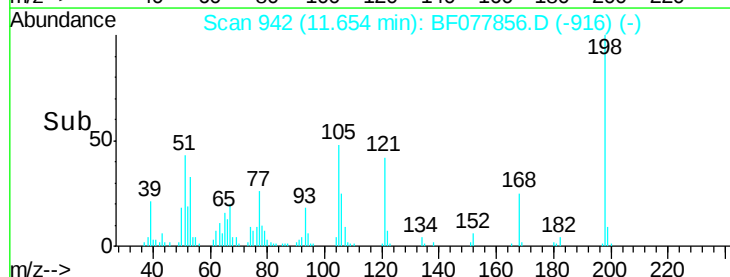
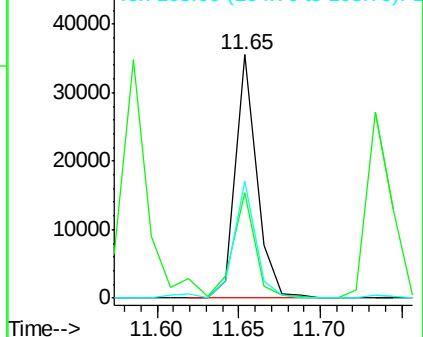


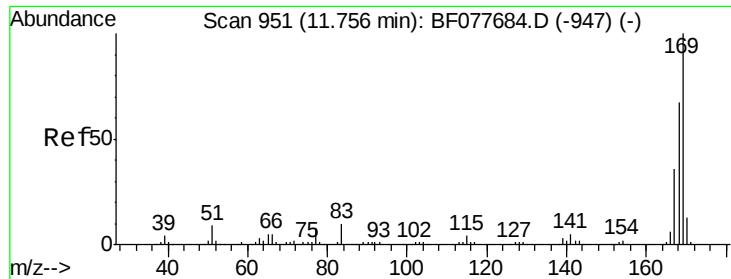
#64
4,6-Dinitro-2-methylphenol
Concen: 41.46 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:198 Resp: 32133
Ion Ratio Lower Upper
198 100
51 43.4 28.8 68.8
105 48.0 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

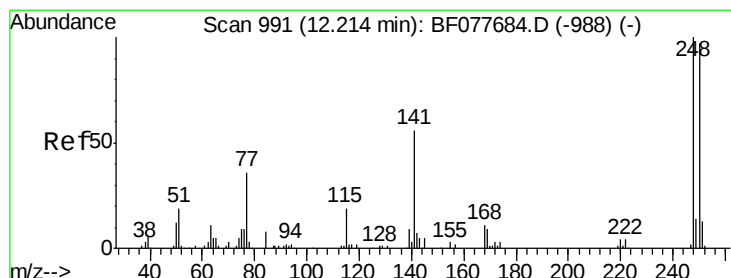
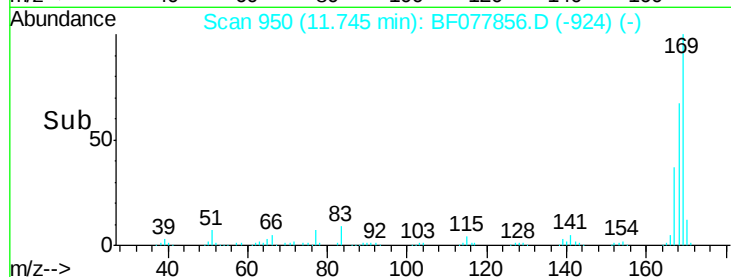
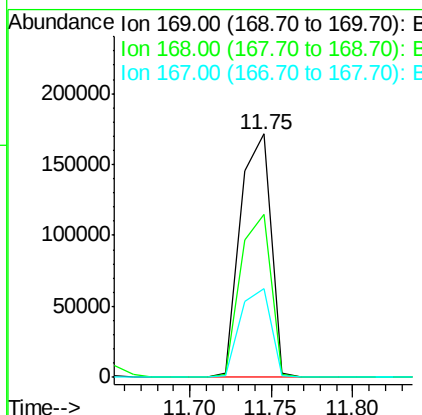
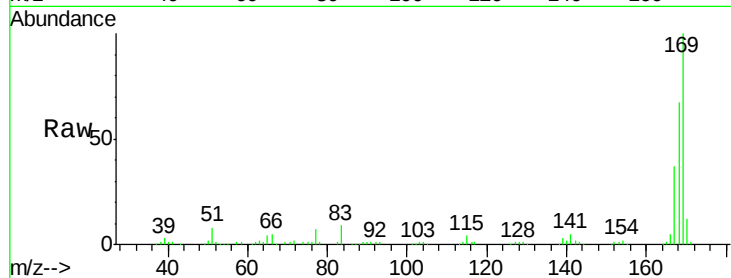




#65
 n-Nitrosodiphenylamine
 Concen: 39.95 ng
 RT: 11.75 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

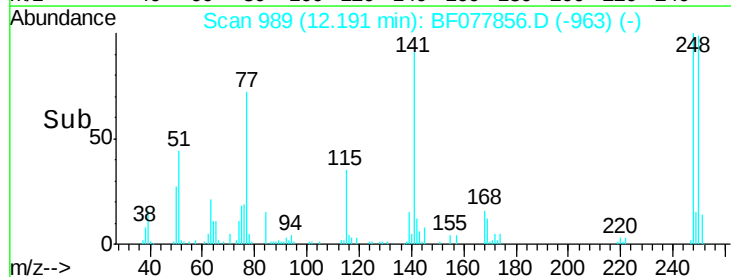
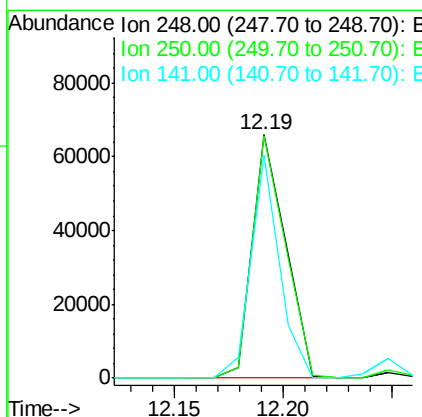
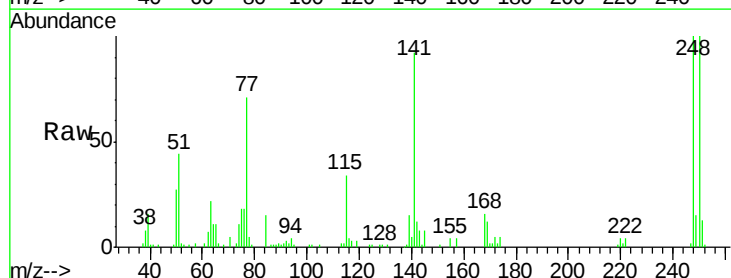
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MS

Tgt Ion:169 Resp: 221797
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.9 80.9
 167 36.5 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.61 ng
 RT: 12.19 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion:248 Resp: 70477
 Ion Ratio Lower Upper
 248 100
 250 99.7 77.4 116.0
 141 91.5 45.2 67.8#

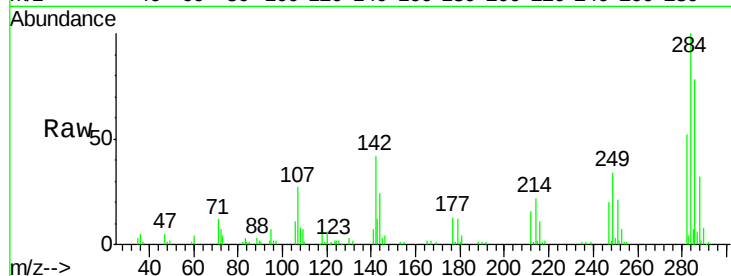




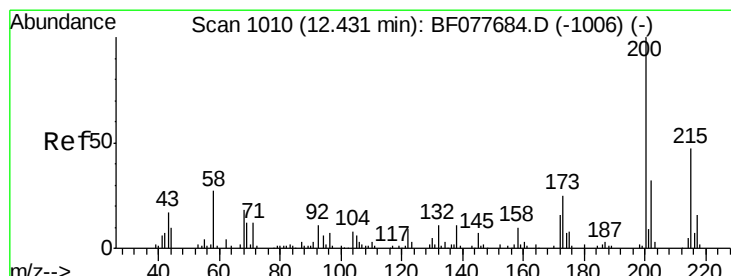
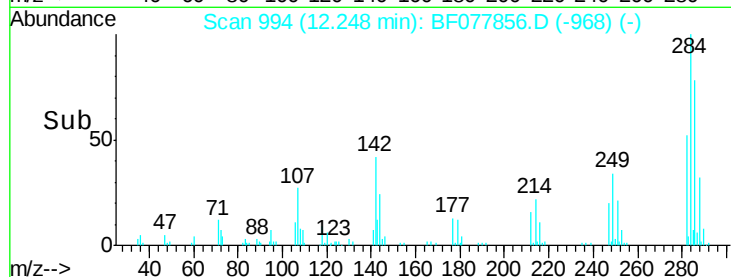
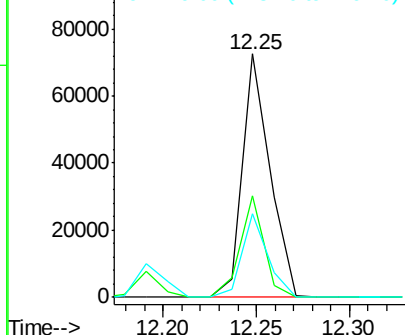
#67
Hexachlorobenzene
Concen: 37.96 ng
RT: 12.25 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

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

Tgt Ion:284 Resp: 74227
Ion Ratio Lower Upper
284 100
142 41.7 20.4 30.6#
249 34.1 23.8 35.6

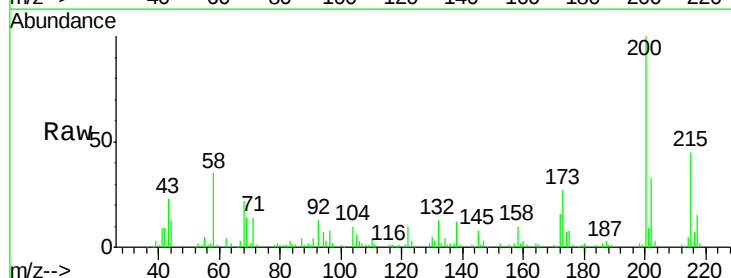


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

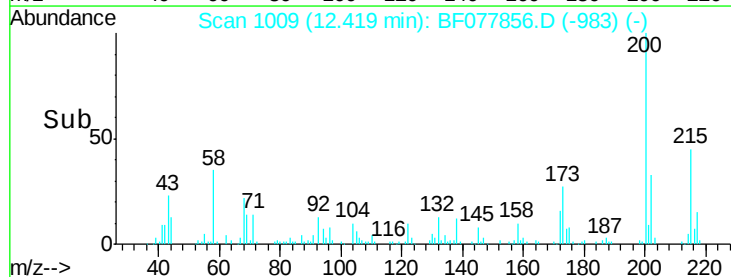
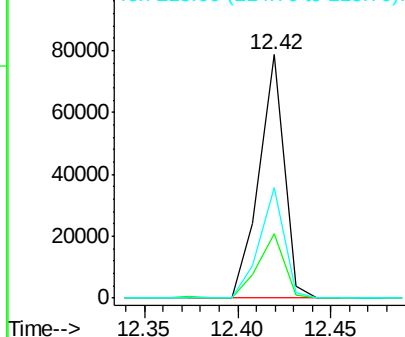


#68
Atrazine
Concen: 47.11 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:200 Resp: 73297
Ion Ratio Lower Upper
200 100
173 26.5 4.8 44.8
215 45.5 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

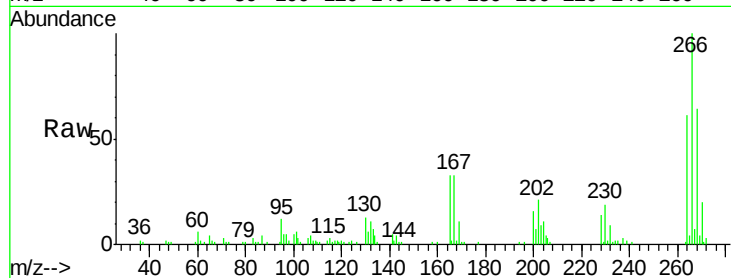




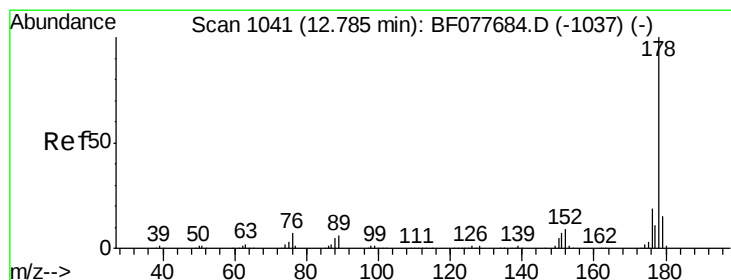
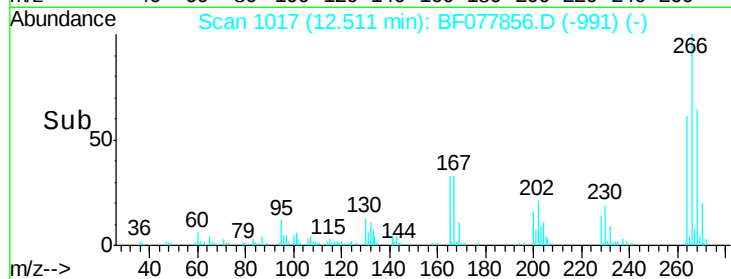
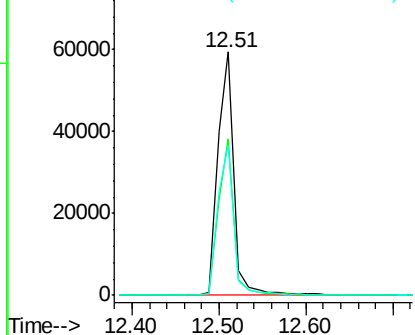
#69
 Pentachlorophenol
 Concen: 75.42 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

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

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.0	78.0
264	61.5	49.0	73.4

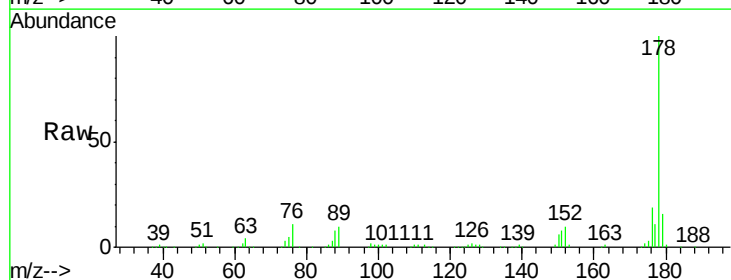


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

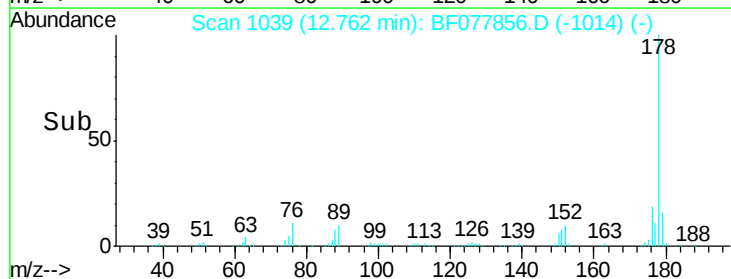
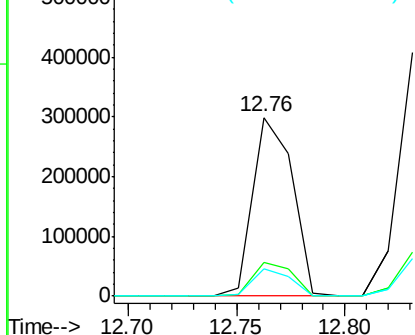


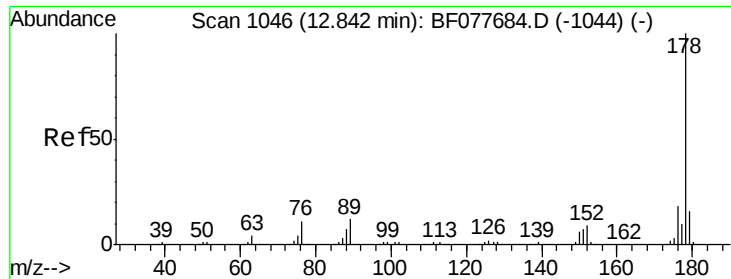
#70
 Phenanthrene
 Concen: 39.70 ng
 RT: 12.76 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	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

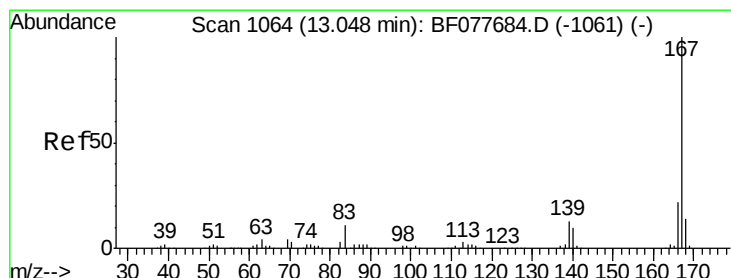
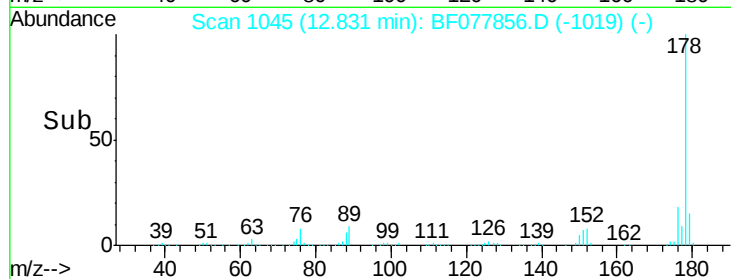
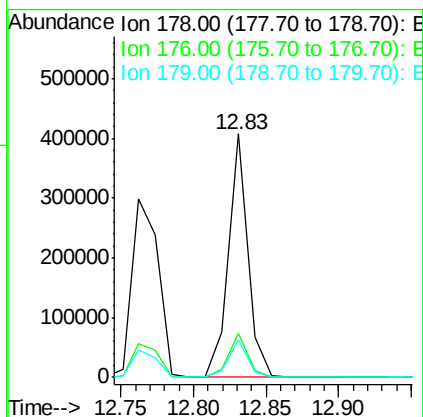
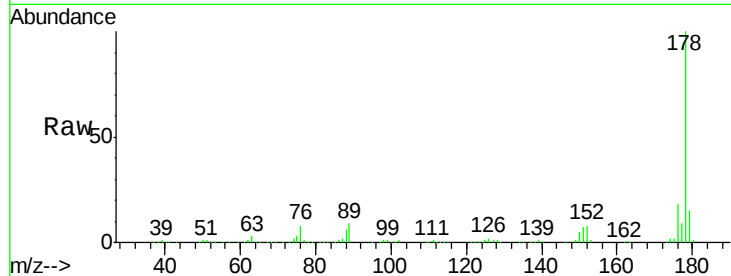




#71
 Anthracene
 Concen: 40.20 ng
 RT: 12.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

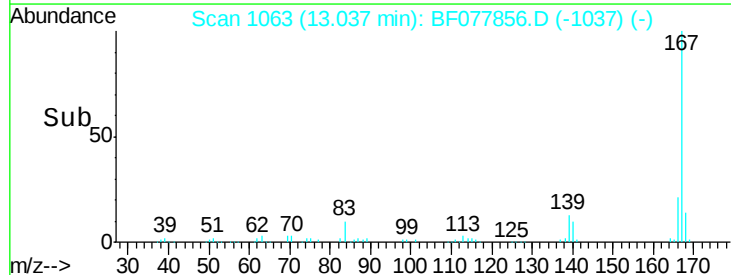
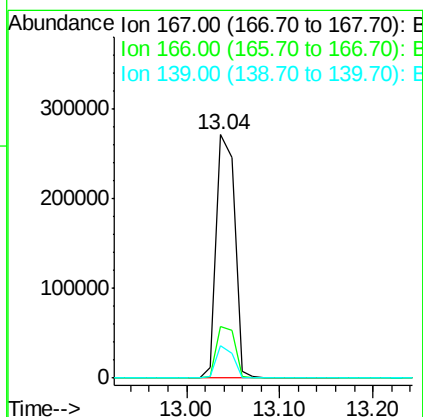
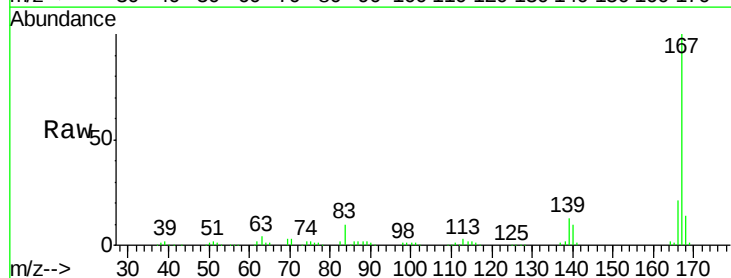
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MS

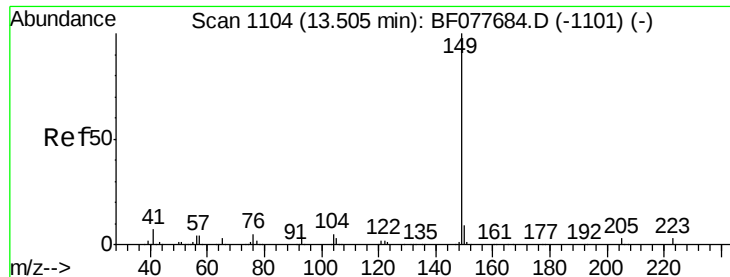
Tgt Ion:178 Resp: 380168
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 41.37 ng
 RT: 13.04 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion:167 Resp: 372158
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.3 10.8 16.2

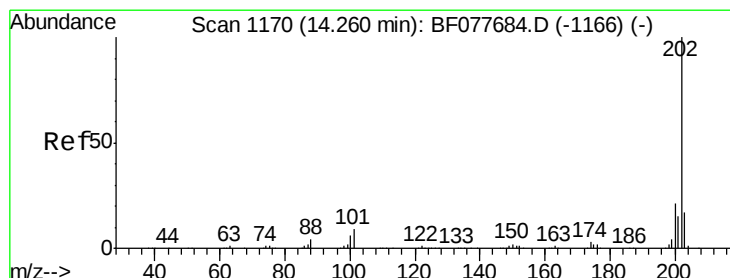
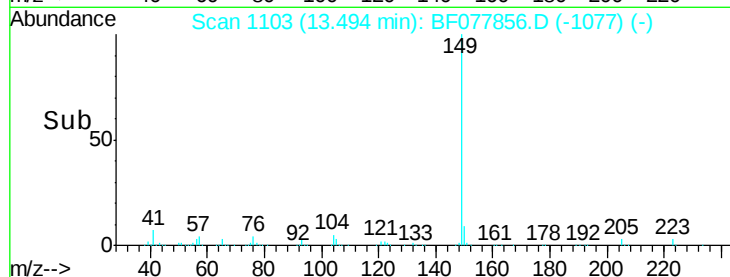
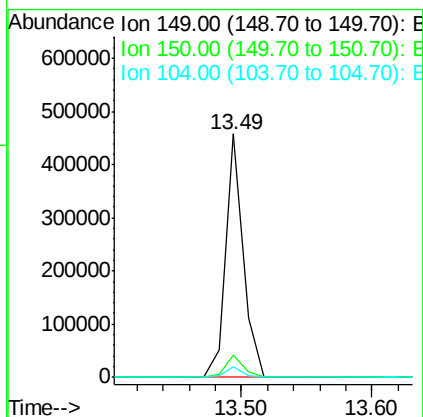
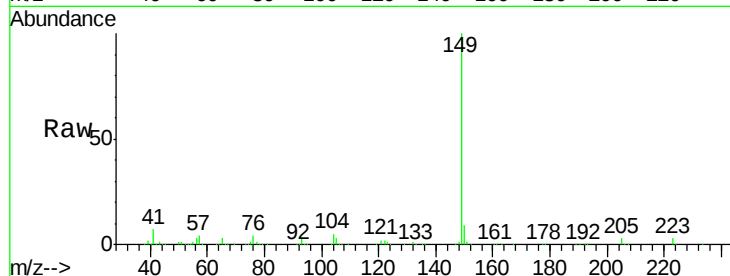




#73
Di-n-butylphthalate
Concen: 42.38 ng
RT: 13.49 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

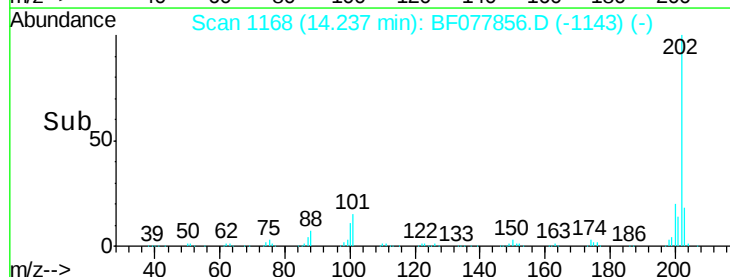
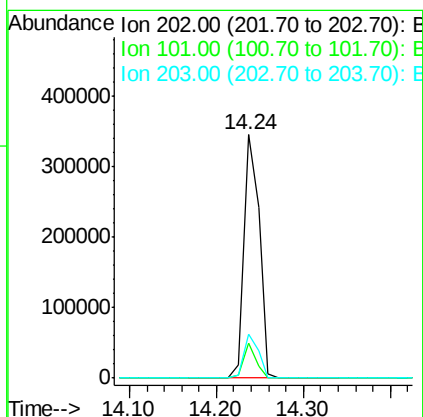
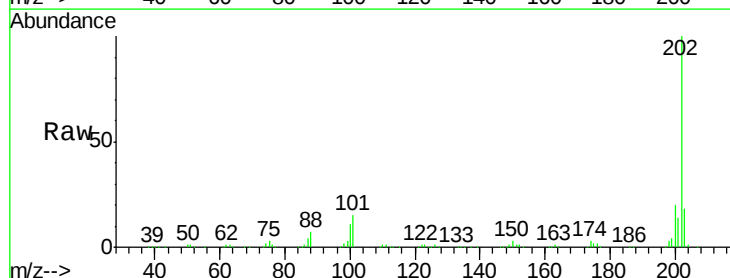
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MS

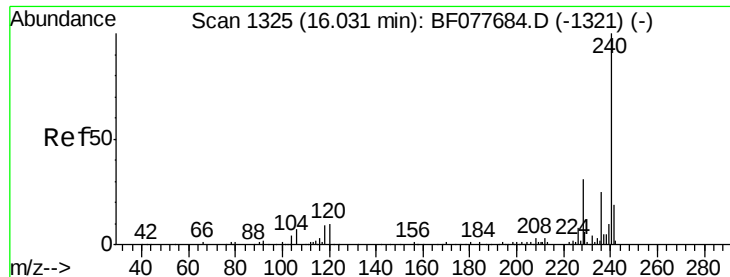
Tgt Ion:149 Resp: 427528
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.6 3.7 5.5



#74
Fluoranthene
Concen: 40.12 ng
RT: 14.24 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:202 Resp: 423584
Ion Ratio Lower Upper
202 100
101 14.6 0.0 28.7
203 17.8 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

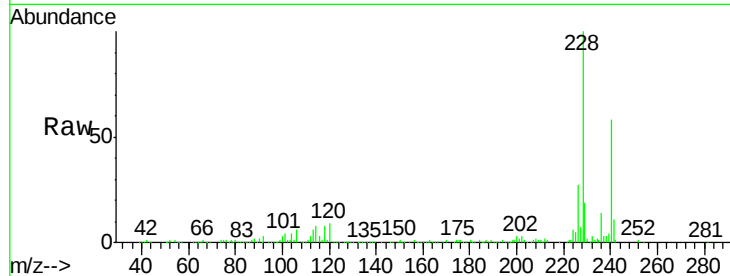
Tgt Ion:240 Resp: 170594

Ion Ratio Lower Upper

240 100

120 16.3 8.2 12.2#

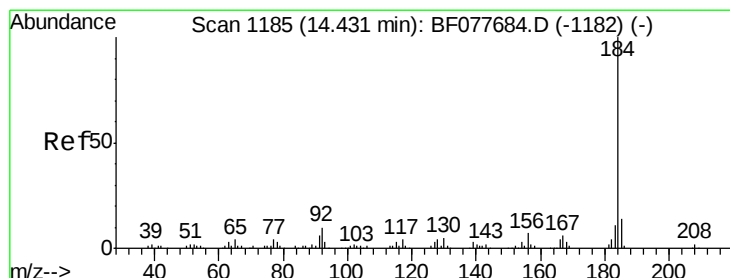
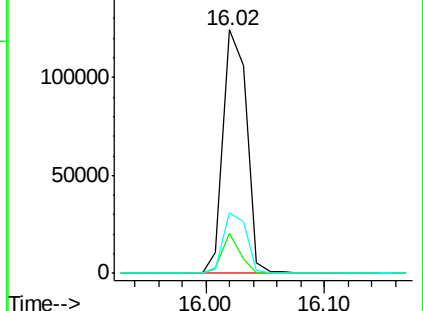
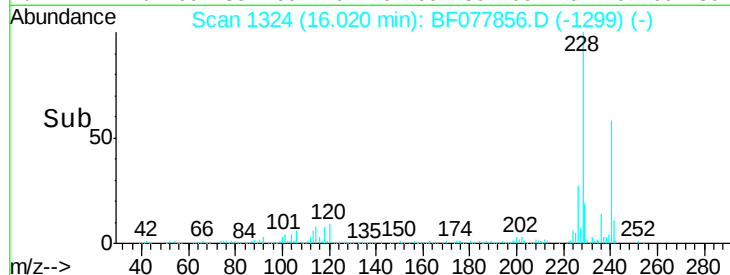
236 24.8 20.0 30.0



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: 22.36 ng

RT: 14.43 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

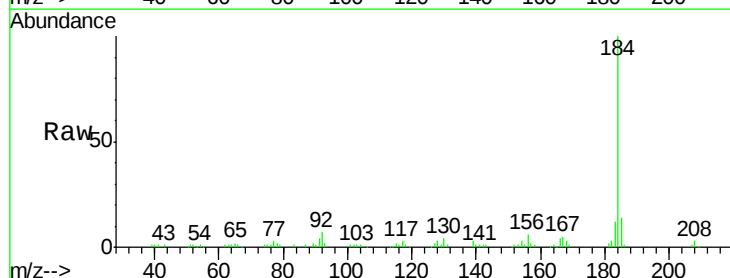
Tgt Ion:184 Resp: 95248

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

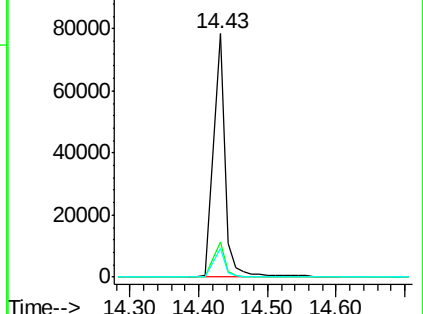
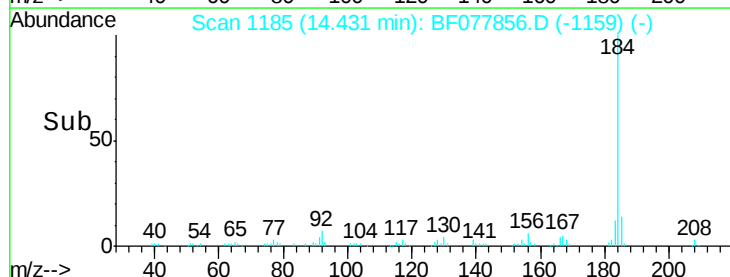
183 11.8 8.9 13.3

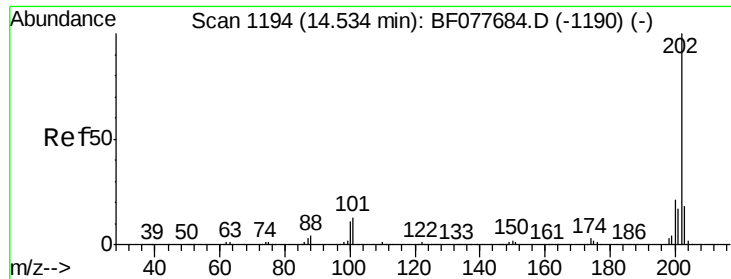


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

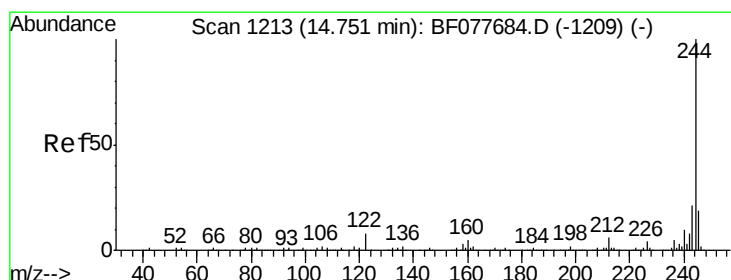
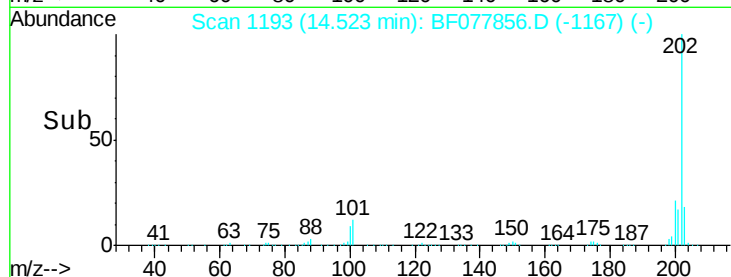
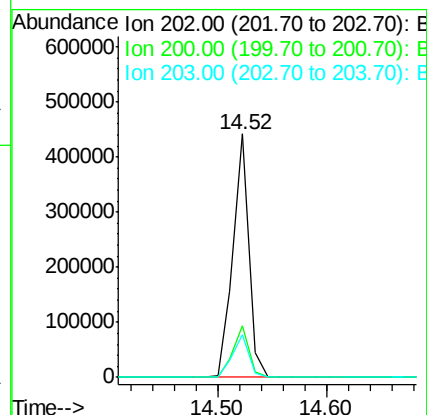
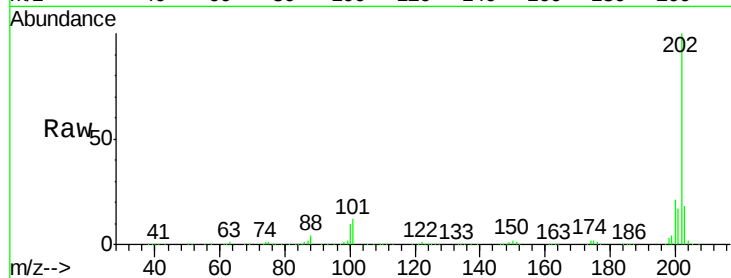




#77
 Pyrene
 Concen: 41.55 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

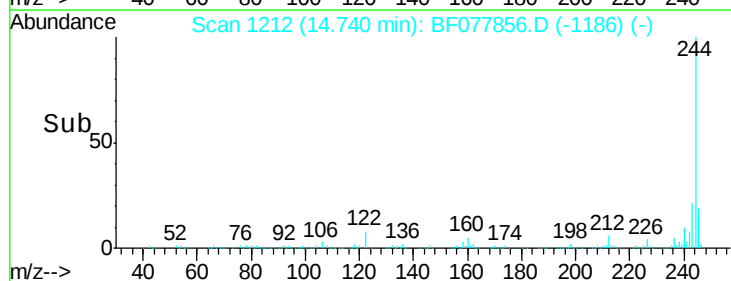
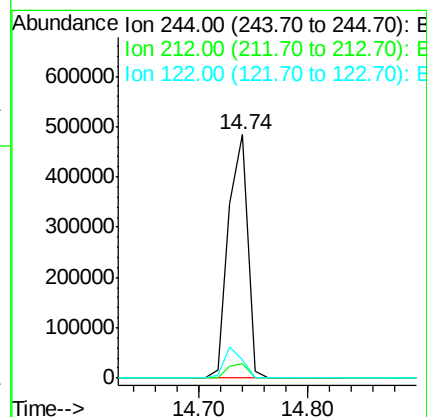
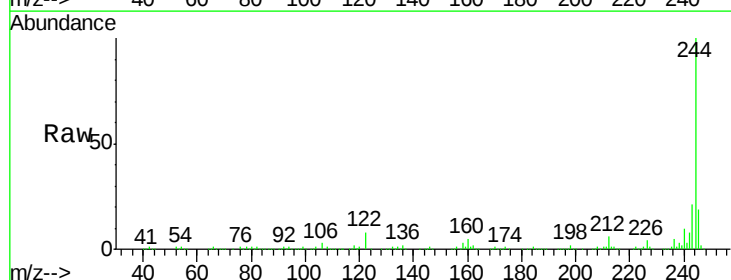
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-015MS

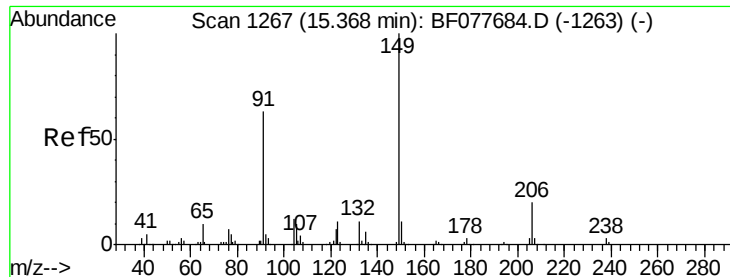
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	14.1	21.1



#78
 Terphenyl-d14
 Concen: 85.11 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.9	7.3
122	7.6	6.2	9.4

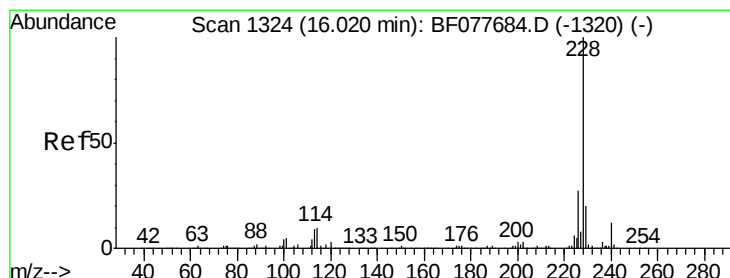
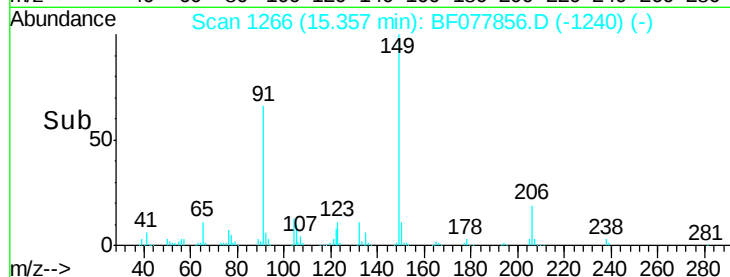
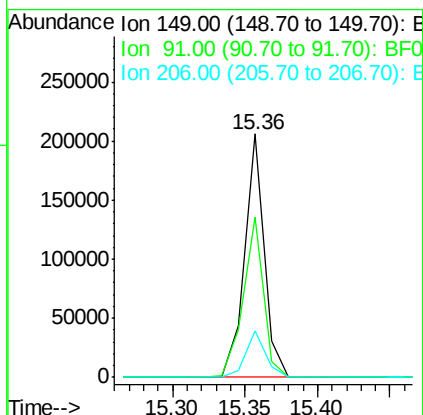
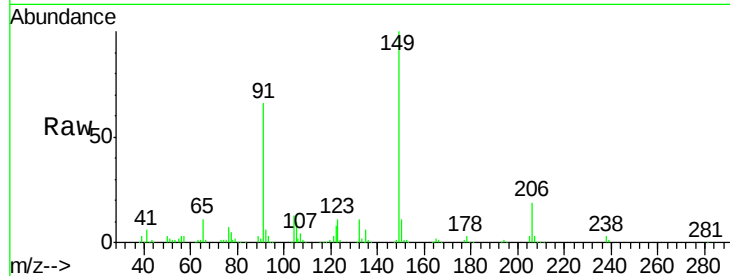




#79
Butylbenzylphthalate
Concen: 45.63 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

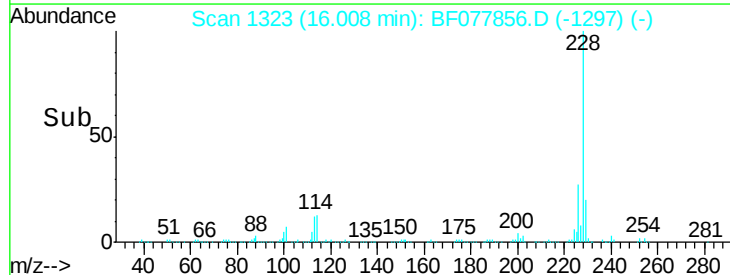
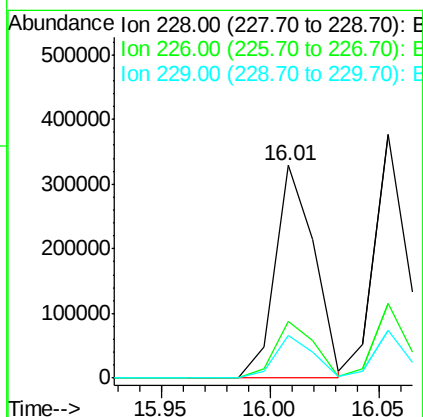
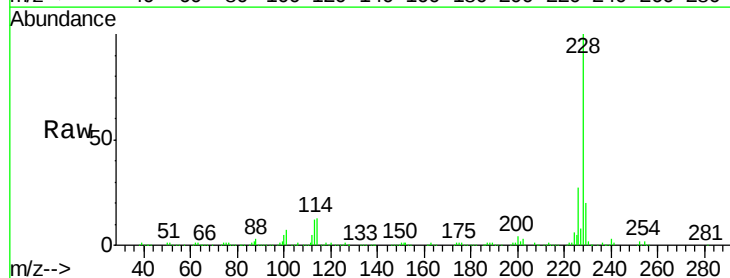
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MS

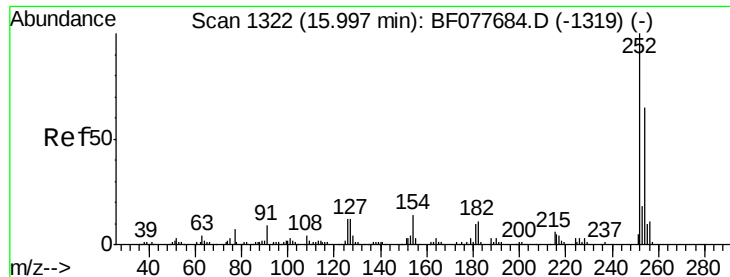
Tgt Ion:149 Resp: 193014
Ion Ratio Lower Upper
149 100
91 65.9 50.1 75.1
206 19.0 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.90 ng
RT: 16.01 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion:228 Resp: 413584
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.8 16.0 24.0

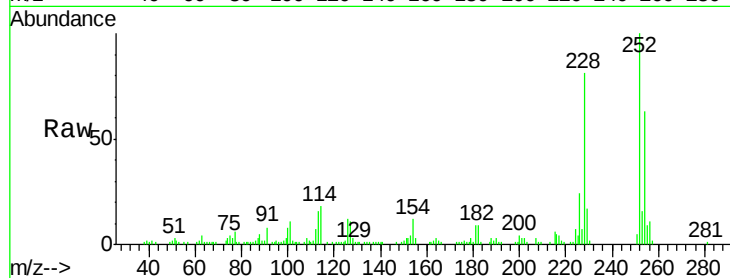




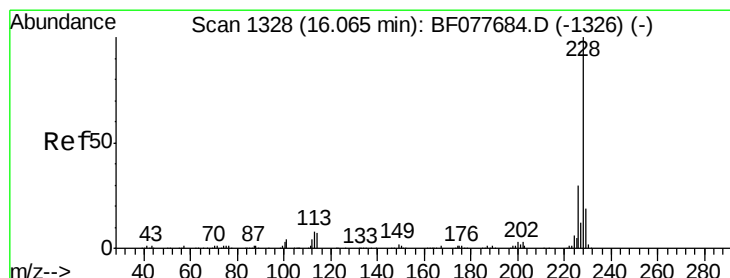
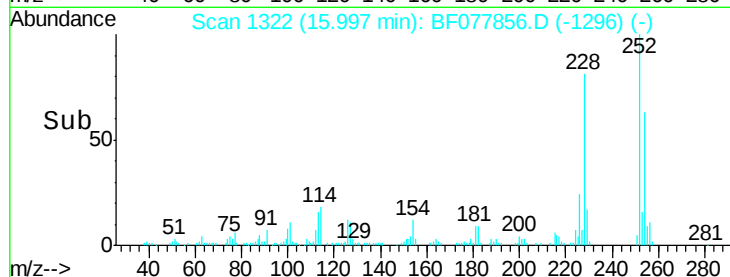
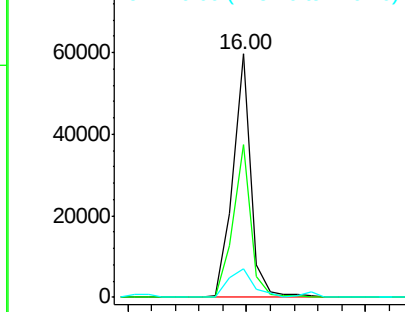
#81
 3,3'-Dichlorobenzidine
 Concen: 18.79 ng
 RT: 16.00 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

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

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.9	77.9
126	11.6	9.8	14.8

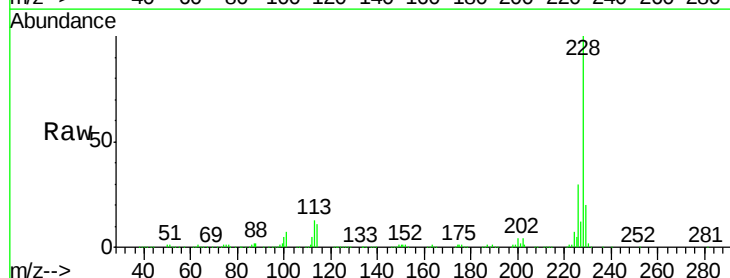


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

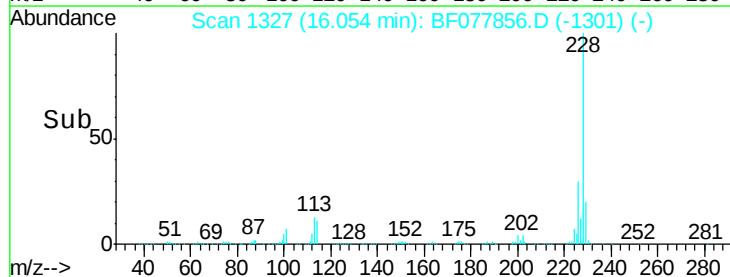
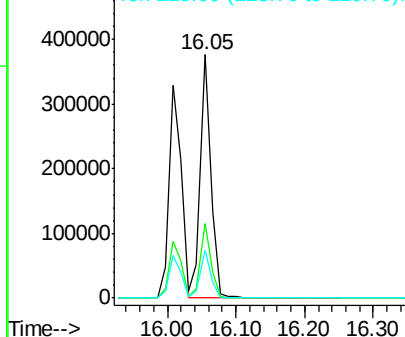


#82
 Chrysene
 Concen: 43.65 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF077856.D
 Acq: 20 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	19.8	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: 43.72 ng

RT: 16.08 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

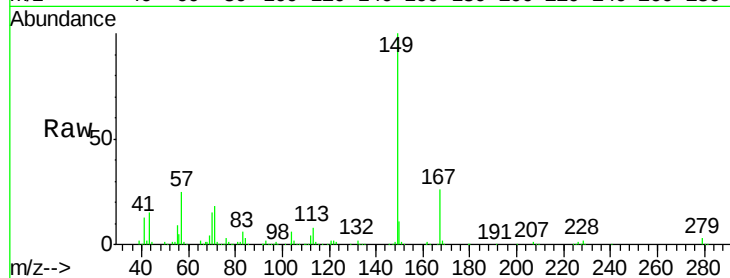
Tgt Ion:149 Resp: 280111

Ion Ratio Lower Upper

149 100

167 26.5 22.4 33.6

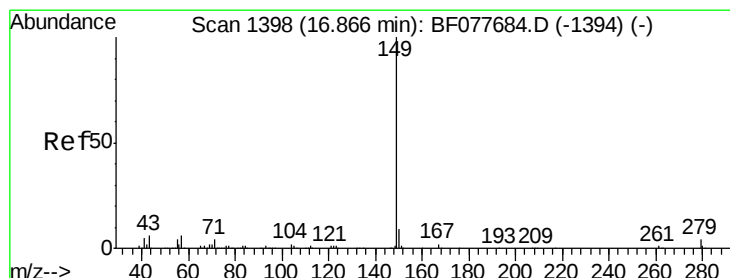
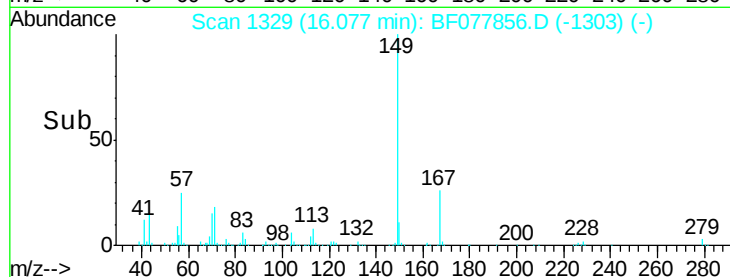
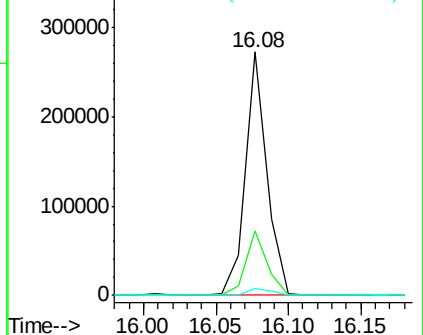
279 2.6 3.4 5.0#



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: 43.14 ng

RT: 16.88 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

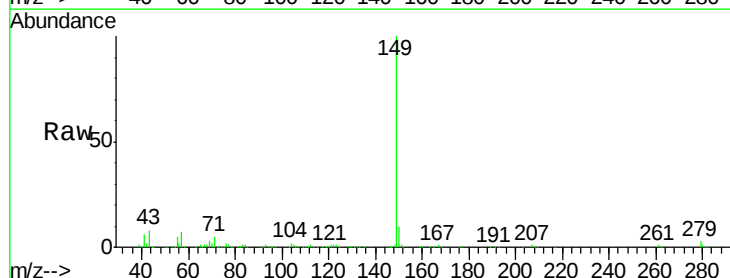
Tgt Ion:149 Resp: 472530

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

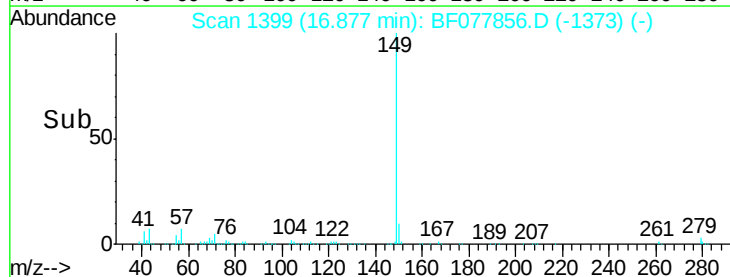
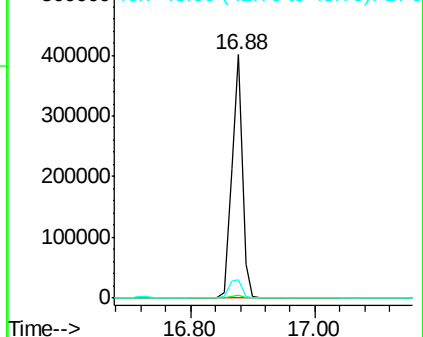
43 9.4 7.3 10.9



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

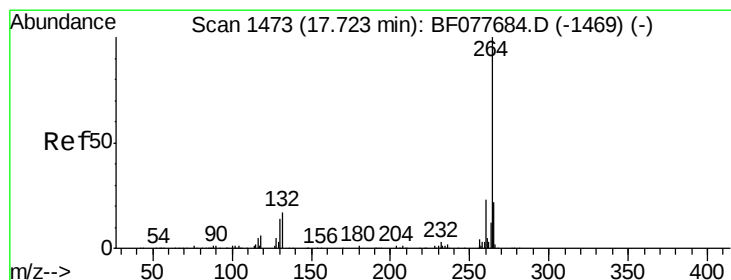
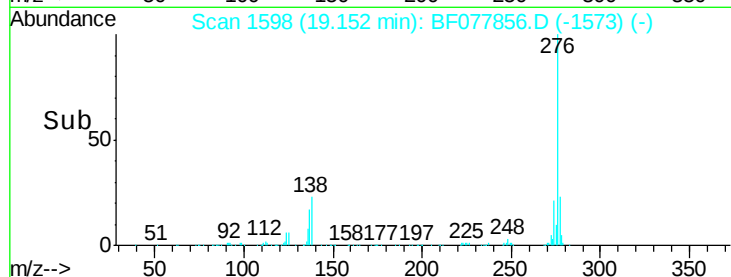
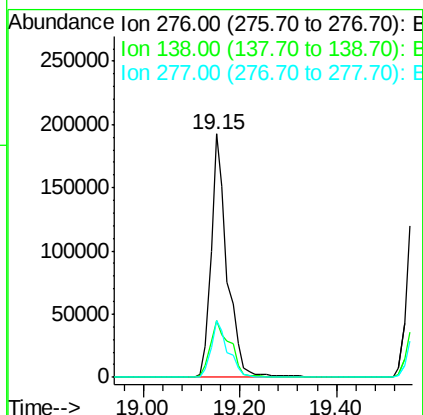
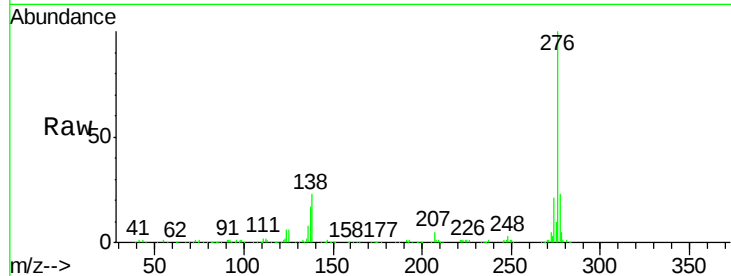




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.02 ng
RT: 19.15 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

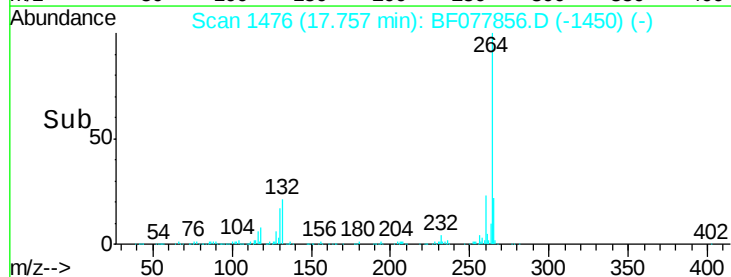
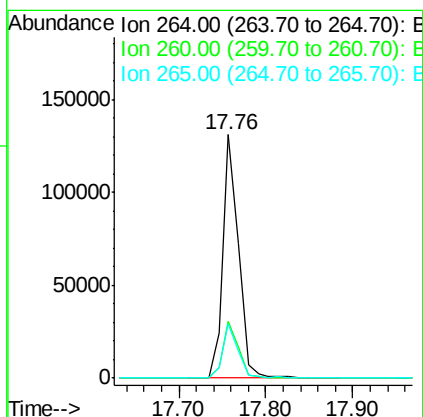
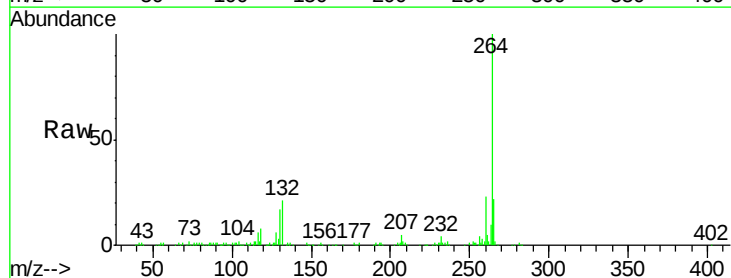
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-015MS

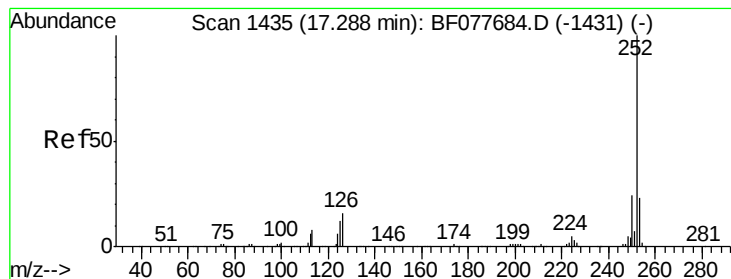
Tgt Ion: 276 Resp: 454191
Ion Ratio Lower Upper
276 100
138 29.1 0.0 0.0#
277 24.8 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF077856.D
Acq: 20 Mar 2015 5:16

Tgt Ion: 264 Resp: 165510
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 22.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 41.47 ng

RT: 17.31 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

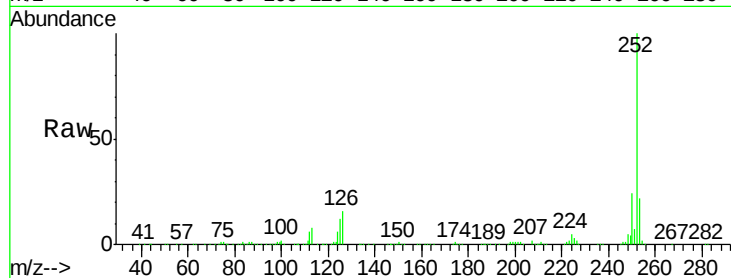
Tgt Ion:252 Resp: 448098

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

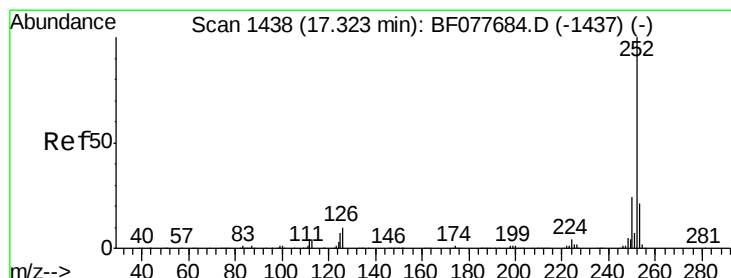
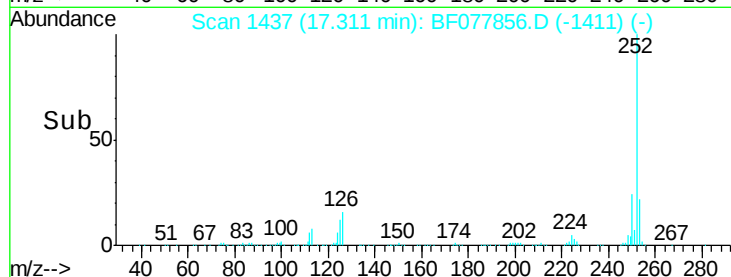
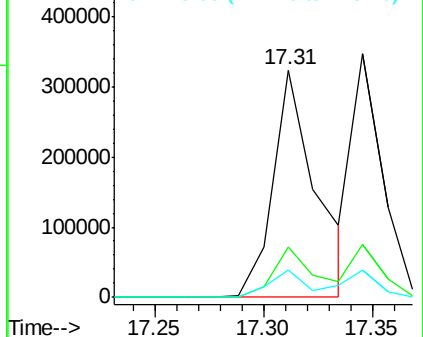
125 11.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.09 ng

RT: 17.31 min Scan# 1437

Delta R.T. -0.03 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

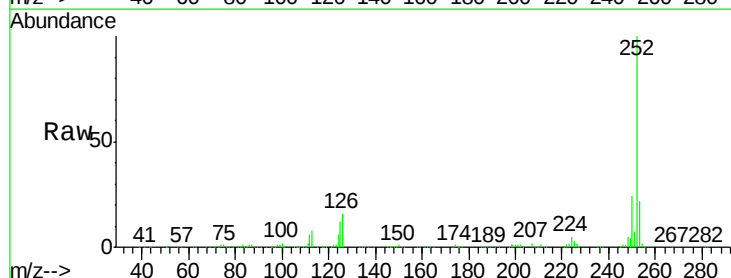
Tgt Ion:252 Resp: 448098

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

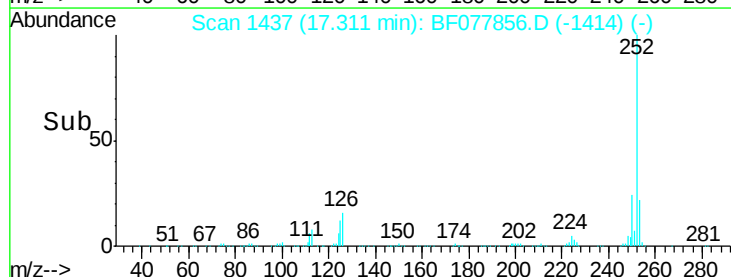
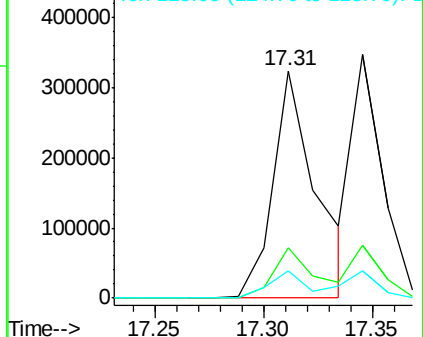
125 11.9 8.1 12.1

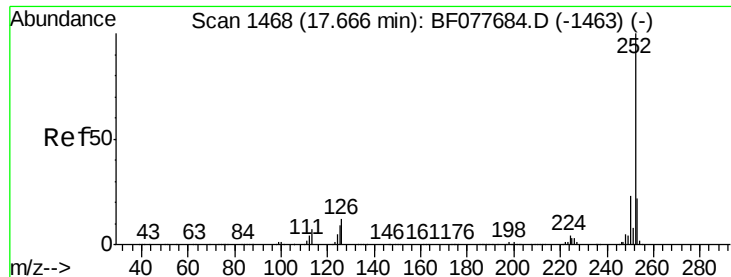


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.34 ng

RT: 17.70 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS

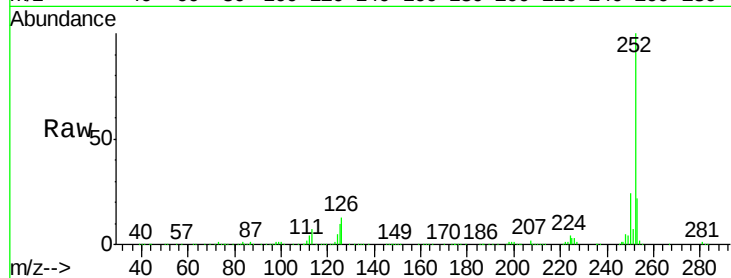
Tgt Ion:252 Resp: 399760

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

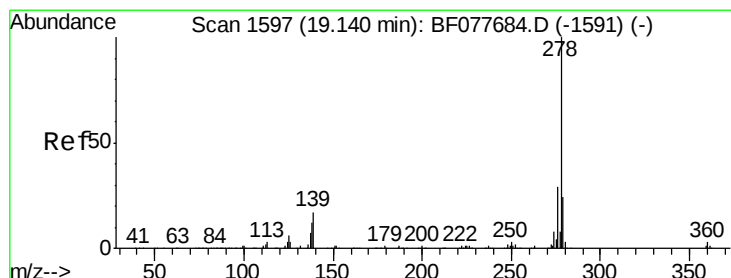
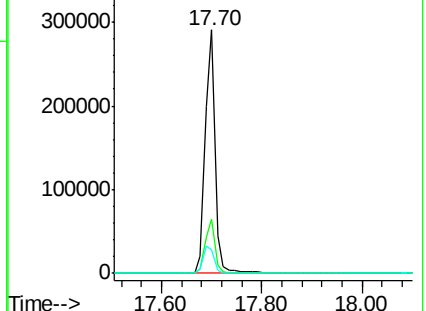
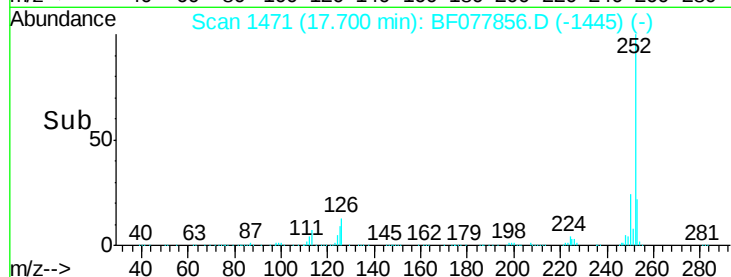
125 9.6 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.06 ng

RT: 19.19 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF077856.D

Acq: 20 Mar 2015 5:16

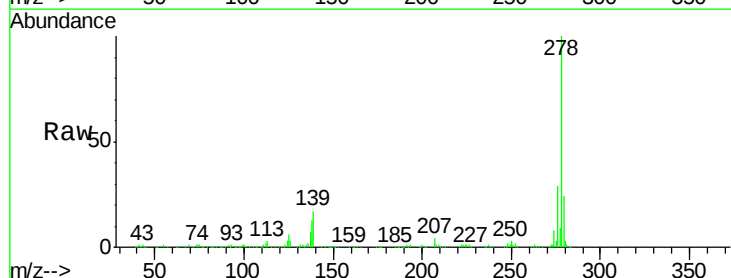
Tgt Ion:278 Resp: 376133

Ion Ratio Lower Upper

278 100

139 17.3 13.4 20.0

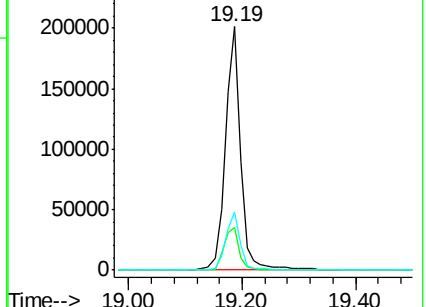
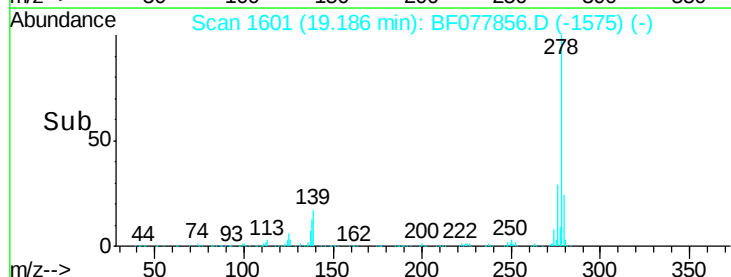
279 23.7 19.0 28.4

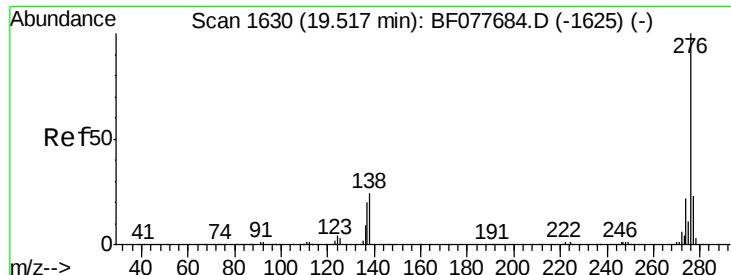


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.72 ng

RT: 19.56 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BF077856.D

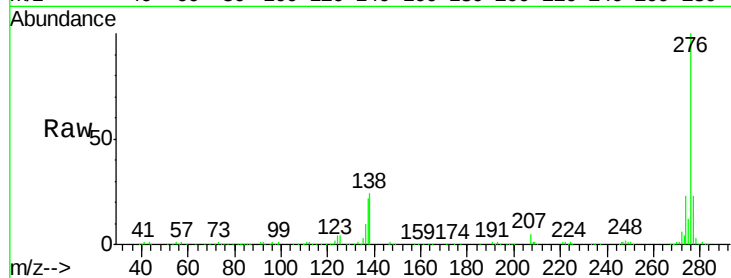
Acq: 20 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-015MS



Tgt Ion:	276	Resp:	388898
Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	24.1	19.0	28.6

