

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077697.D
 Acq On : 11 Mar 2015 20:00
 Operator : TP/IZ
 Sample : G1475-01MS
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Quant Time: Mar 12 04:19:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	57956	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	218473	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	114329	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	225195	20.00	ng	0.00
75) Chrysene-d12	16.03	240	234768	20.00	ng	0.00
86) Perylene-d12	17.79	264	226528	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	315951	95.16	ng	0.00
7) Phenol-d6	6.74	99	423481	103.23	ng	0.00
23) Nitrobenzene-d5	7.86	82	205476	61.65	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	104058	95.13	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	455900	58.60	ng	0.00
78) Terphenyl-d14	14.75	244	564929	58.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	37722	25.02	ng	# 100
3) Pyridine	2.76	79	107859	26.63	ng	96
4) n-Nitrosodimethylamine	2.68	42	51138	29.00	ng	84
6) Aniline	6.75	93	132226	22.53	ng	# 1
8) 2-Chlorophenol	6.90	128	121787	30.82	ng	97
9) Benzaldehyde	6.61	77	12931	7.69	ng	99
10) Phenol	6.75	94	157546	32.49	ng	91
11) bis(2-Chloroethyl)ether	6.86	93	109754	30.22	ng	99
12) 1,3-Dichlorobenzene	7.09	146	127320	28.96	ng	99
13) 1,4-Dichlorobenzene	7.20	146	123393	27.02	ng	98
14) 1,2-Dichlorobenzene	7.38	146	110575	26.41	ng	98
15) Benzyl Alcohol	7.36	79	88692	27.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.54	45	128766	26.31	ng	99
17) 2-Methylphenol	7.50	107	88902	27.63	ng	99
18) Hexachloroethane	7.79	117	39246	26.20	ng	97
19) n-Nitroso-di-n-propylamine	7.69	70	75852	26.73	ng	97
20) 3+4-Methylphenols	7.70	107	119450	28.29	ng	98
22) Acetophenone	7.68	105	149542	30.92	ng	# 98
24) Nitrobenzene	7.88	77	104023	28.97	ng	98
25) Isophorone	8.18	82	195636	29.07	ng	# 90
26) 2-Nitrophenol	8.28	139	54484	30.99	ng	97
27) 2,4-Dimethylphenol	8.35	122	93497	29.20	ng	99
28) bis(2-Chloroethoxy)methane	8.46	93	124836	30.56	ng	99
29) 2,4-Dichlorophenol	8.58	162	98230	32.18	ng	97
30) 1,2,4-Trichlorobenzene	8.68	180	100390	29.39	ng	98
31) Naphthalene	8.77	128	322872	28.77	ng	100
32) Benzoic acid	8.44	122	34659	21.24	ng	89
33) 4-Chloroaniline	8.85	127	101684	22.33	ng	98
34) Hexachlorobutadiene	8.93	225	52859	27.31	ng	98
35) Caprolactam	9.25	113	28124	31.52	ng	98
36) 4-Chloro-3-methylphenol	9.46	107	96636	31.46	ng	97
37) 2-Methylnaphthalene	9.63	142	226069	29.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	97918	28.71	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	91667	54.74	ng	100

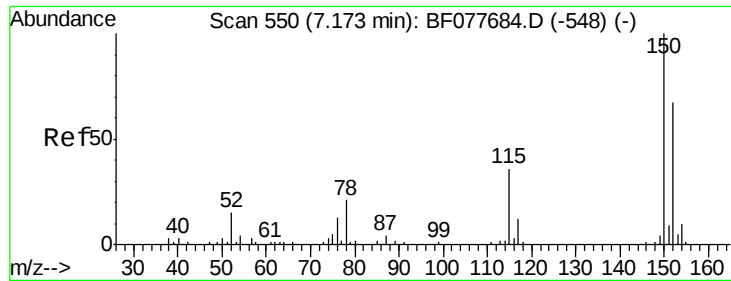
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031115\
 Data File : BF077697.D
 Acq On : 11 Mar 2015 20:00
 Operator : TP/IZ
 Sample : G1475-01MS
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Quant Time: Mar 12 04:19:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	67666	28.65	ng	98
43) 2,4,5-Trichlorophenol	10.03	196	74079	29.03	ng	98
45) 1,1'-Biphenyl	10.21	154	262616	28.73	ng	99
46) 2-Chloronaphthalene	10.22	162	203959	27.46	ng	# 92
47) 2-Nitroaniline	10.36	65	59446	32.23	ng	96
48) Acenaphthylene	10.74	152	334412	27.08	ng	99
49) Dimethylphthalate	10.60	163	264573	31.20	ng	100
50) 2,6-Dinitrotoluene	10.67	165	54873	31.22	ng	92
51) Acenaphthene	10.96	154	193282	27.29	ng	98
52) 3-Nitroaniline	10.88	138	52014	25.48	ng	91
53) 2,4-Dinitrophenol	11.00	184	33432	54.62	ng	97
54) Dibenzofuran	11.17	168	302936	28.84	ng	99
55) 4-Nitrophenol	11.09	139	98852	65.37	ng	99
56) 2,4-Dinitrotoluene	11.16	165	69525	30.33	ng	# 91
57) Fluorene	11.60	166	246016	28.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	61199	31.15	ng	# 100
59) Diethylphthalate	11.48	149	241993	29.29	ng	98
60) 4-Chlorophenyl-phenylether	11.61	204	112879	28.36	ng	96
61) 4-Nitroaniline	11.62	138	56570	27.81	ng	79
62) Azobenzene	11.80	77	219959	27.86	ng	98
64) 4,6-Dinitro-2-methylphenol	11.67	198	29473	29.53	ng	92
65) n-Nitrosodiphenylamine	11.76	169	212565	28.35	ng	99
66) 4-Bromophenyl-phenylether	12.21	248	67917	28.26	ng	95
67) Hexachlorobenzene	12.27	284	74282	28.13	ng	93
68) Atrazine	12.43	200	69241	32.95	ng	98
69) Pentachlorophenol	12.52	266	80024	58.71	ng	98
70) Phenanthrene	12.79	178	367465	28.42	ng	100
71) Anthracene	12.84	178	358924	28.10	ng	99
72) Carbazole	13.05	167	337950	27.82	ng	99
73) Di-n-butylphthalate	13.51	149	392584	28.82	ng	99
74) Fluoranthene	14.26	202	386963	27.14	ng	99
76) Benzidine	14.43	184	174105	29.86	ng	99
77) Pyrene	14.53	202	414513	28.08	ng	100
79) Butylbenzylphthalate	15.37	149	170578	29.31	ng	98
80) Benzo(a)anthracene	16.02	228	377195	27.10	ng	99
81) 3,3'-Dichlorobenzidine	16.01	252	110229	24.01	ng	# 98
82) Chrysene	16.07	228	357833	28.60	ng	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	257078	29.16	ng	# 95
84) Di-n-octyl phthalate	16.89	149	428032	28.39	ng	99
87) Benzo(b)fluoranthene	17.33	252	451866	30.56	ng	97
88) Benzo(k)fluoranthene	17.33	252	435487	37.70	ng	99
89) Benzo(a)pyrene	17.72	252	358967	29.09	ng	99
90) Dibenzo(a,h)anthracene	19.21	278	340116	27.79	ng	99
91) Benzo(g,h,i)perylene	19.59	276	340030	27.29	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

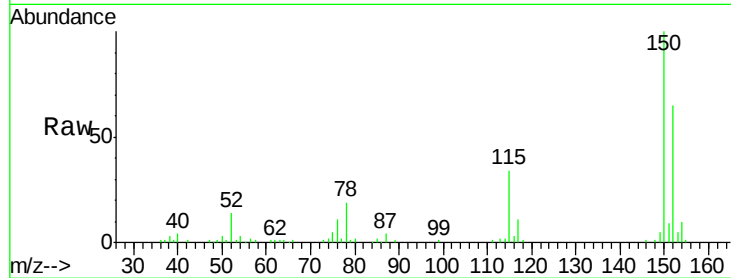
Tgt Ion:152 Resp: 57956

Ion Ratio Lower Upper

152 100

150 153.1 119.5 179.3

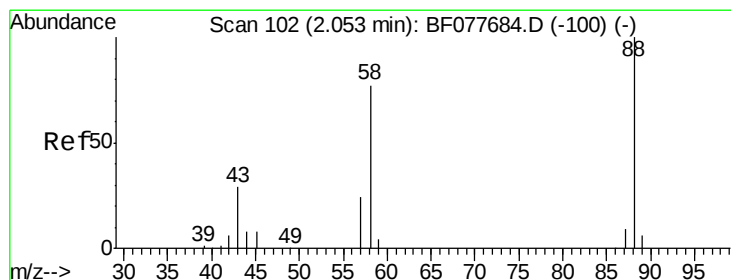
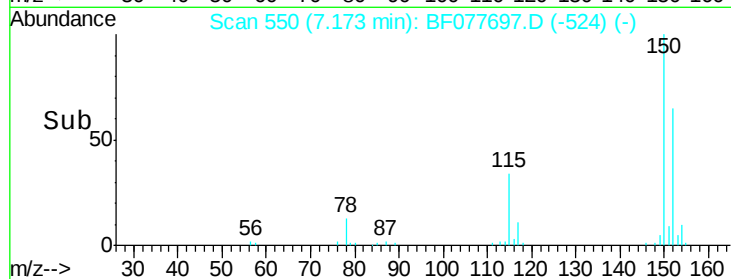
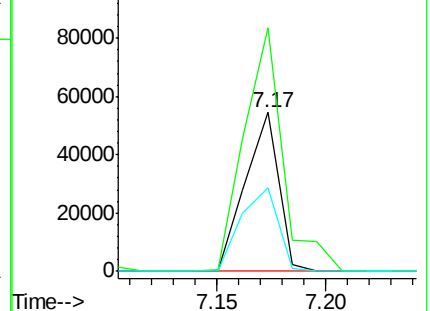
115 52.3 43.0 64.4



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: 25.02 ng

RT: 2.06 min Scan# 103

Delta R.T. 0.01 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

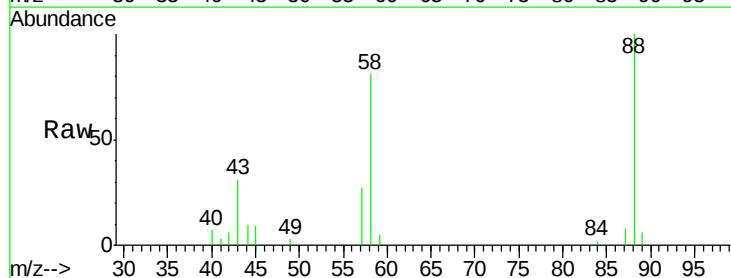
Tgt Ion: 88 Resp: 37722

Ion Ratio Lower Upper

88 100

58 75.3 0.0 0.0#

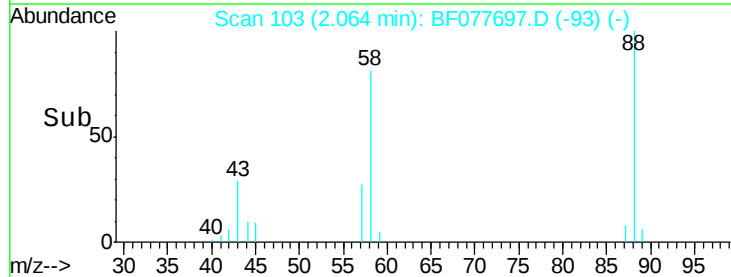
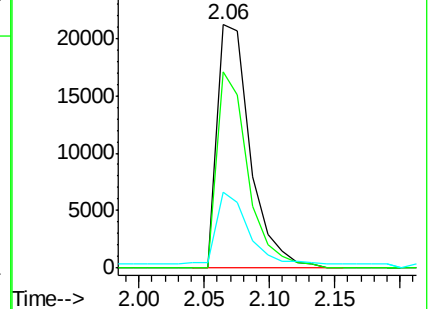
43 36.8 0.0 0.0#

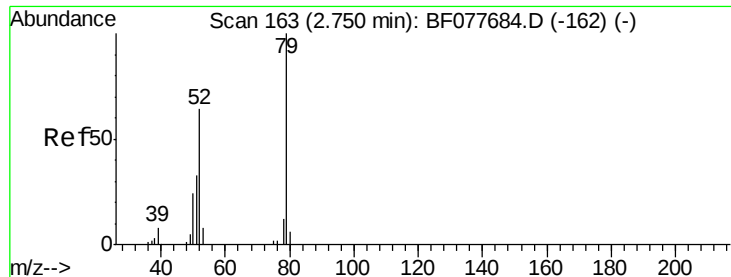


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.63 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

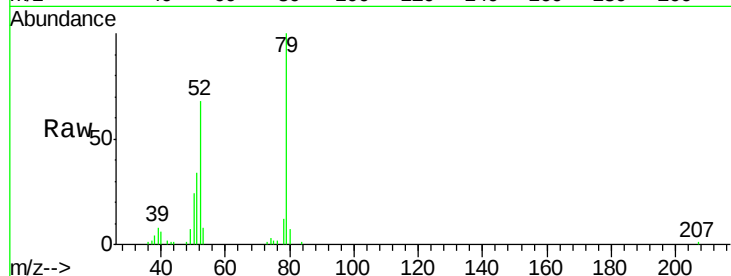
Tgt Ion: 79 Resp: 107859

Ion Ratio Lower Upper

79 100

52 67.6 51.1 76.7

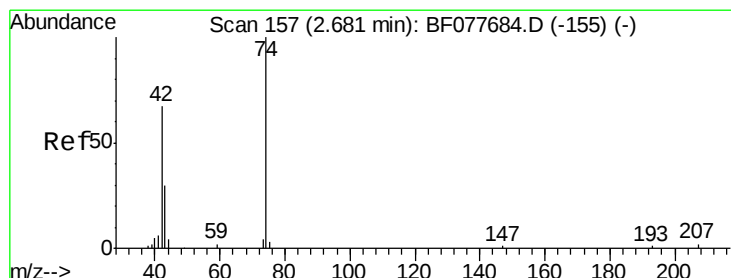
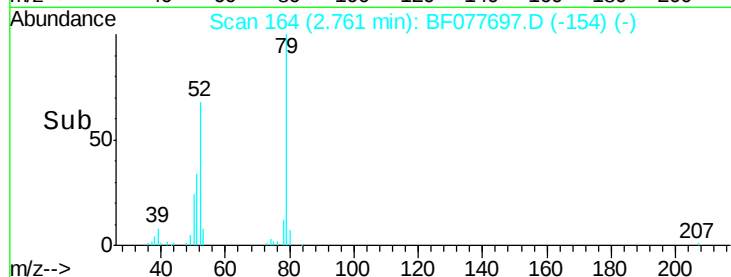
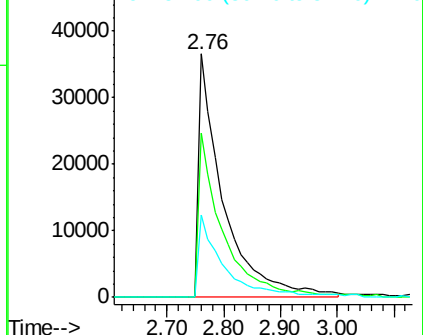
51 33.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.00 ng

RT: 2.68 min Scan# 157

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

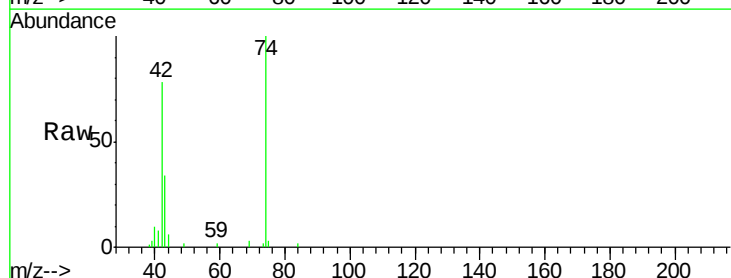
Tgt Ion: 42 Resp: 51138

Ion Ratio Lower Upper

42 100

74 127.7 119.3 178.9

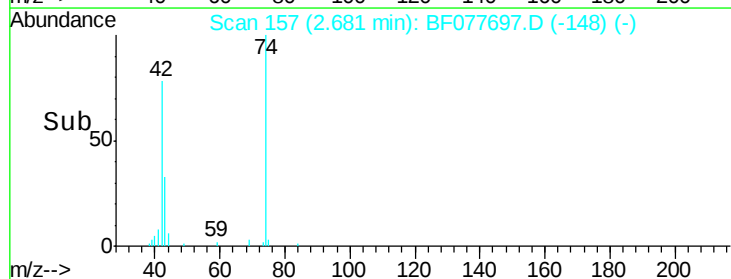
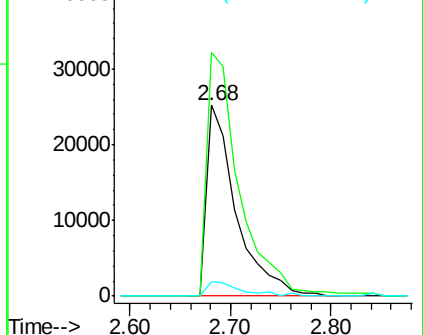
44 7.3 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 95.16 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

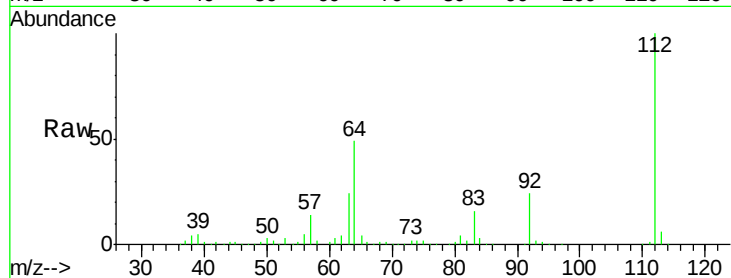
Tgt Ion: 112 Resp: 315951

Ion Ratio Lower Upper

112 100

64 49.0 38.6 57.8

63 24.3 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

300000

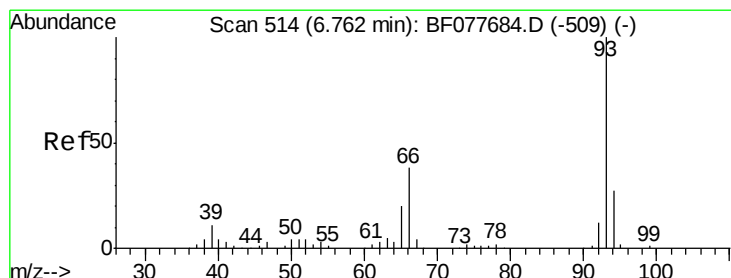
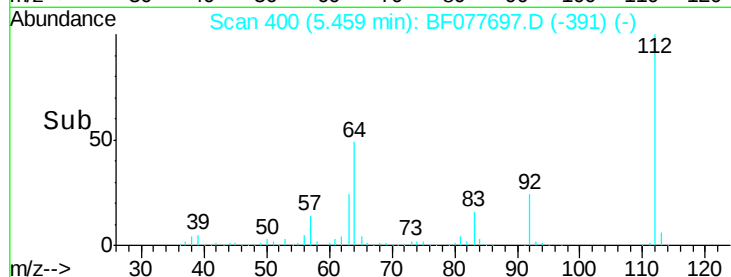
200000

100000

0

5.46

Time-->



#6

Aniline

Concen: 22.53 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

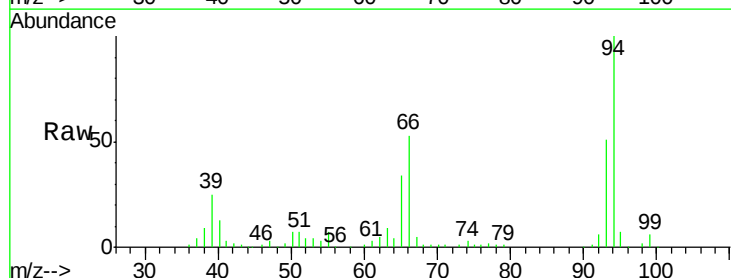
Tgt Ion: 93 Resp: 132226

Ion Ratio Lower Upper

93 100

66 103.2 30.8 46.2#

65 66.4 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

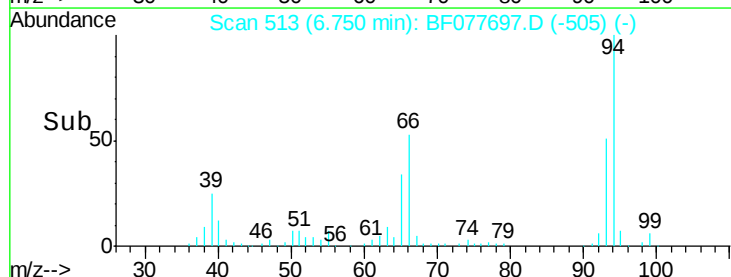
100000

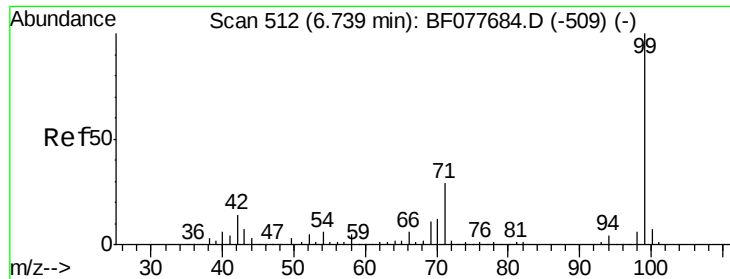
50000

0

6.75

Time-->





#7

Phenol-d6

Concen: 103.23 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

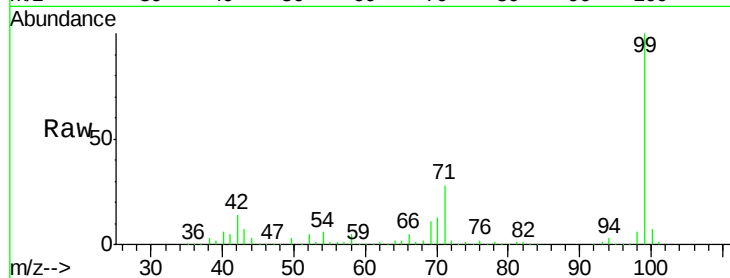
Tgt Ion: 99 Resp: 423481

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

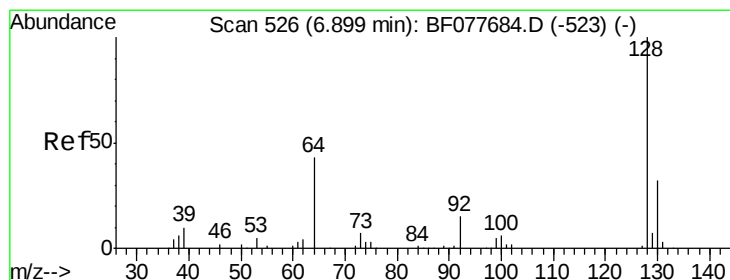
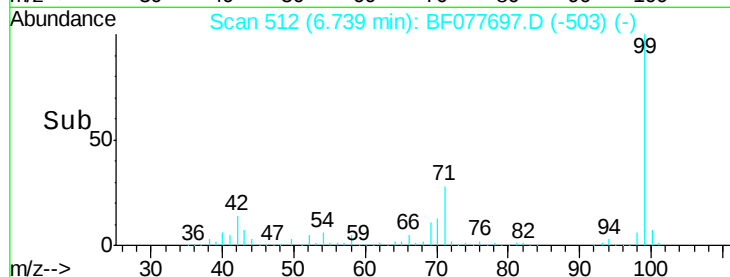
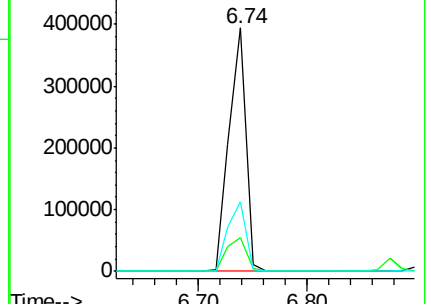
71 28.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-509) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-509) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-509) (-)



#8

2-Chlorophenol

Concen: 30.82 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

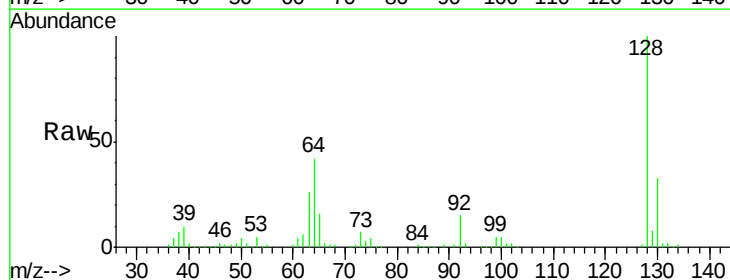
Tgt Ion: 128 Resp: 121787

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

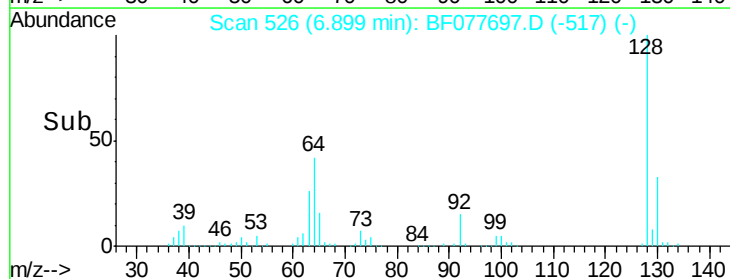
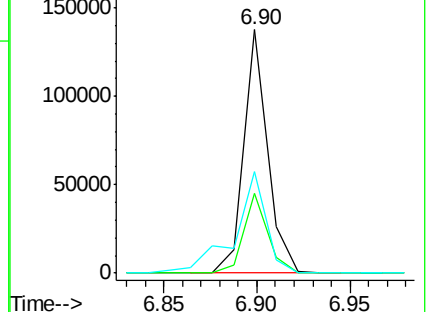
64 41.9 24.9 64.9

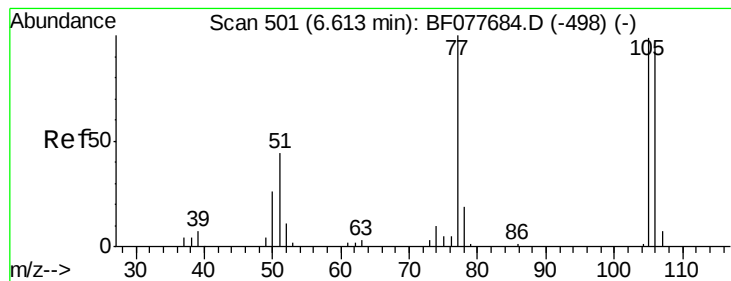


Abundance Ion 128.00 (127.70 to 128.70): BF077684.D (-523) (-)

Ion 130.00 (129.70 to 130.70): BF077684.D (-523) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-523) (-)





#9

Benzaldehyde

Concen: 7.69 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

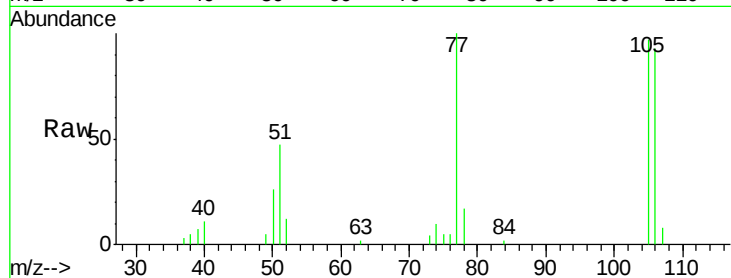
Tgt Ion: 77 Resp: 12931

Ion Ratio Lower Upper

77 100

105 96.9 78.8 118.8

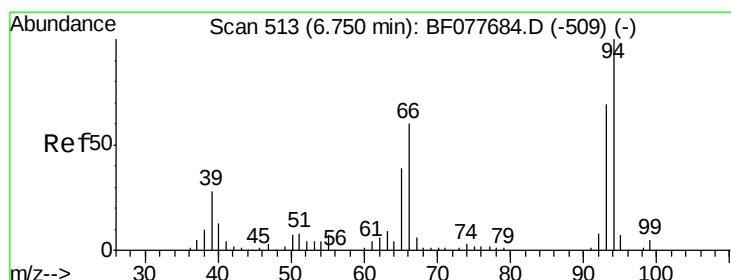
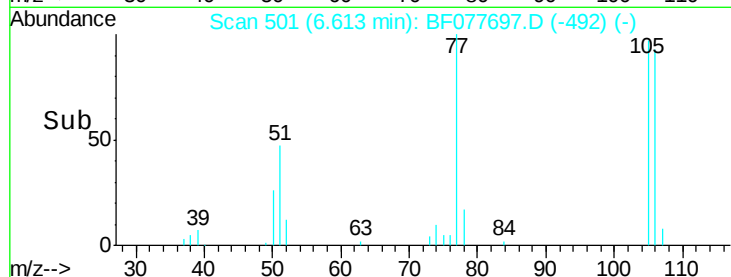
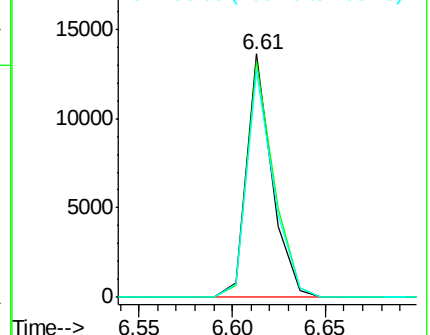
106 93.3 73.7 113.7



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: 32.49 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

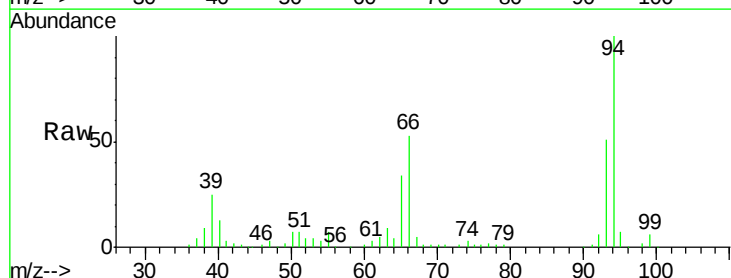
Tgt Ion: 94 Resp: 157546

Ion Ratio Lower Upper

94 100

65 34.1 18.8 58.8

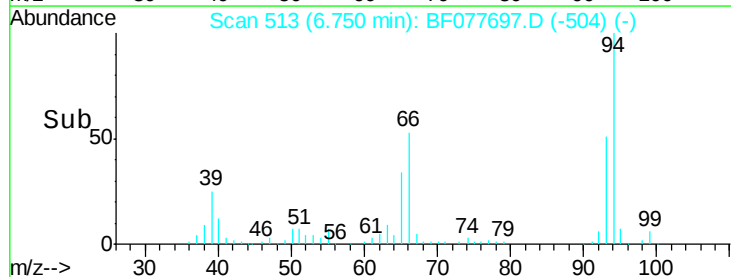
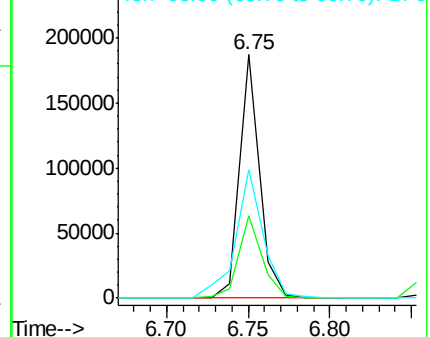
66 52.9 39.9 79.9

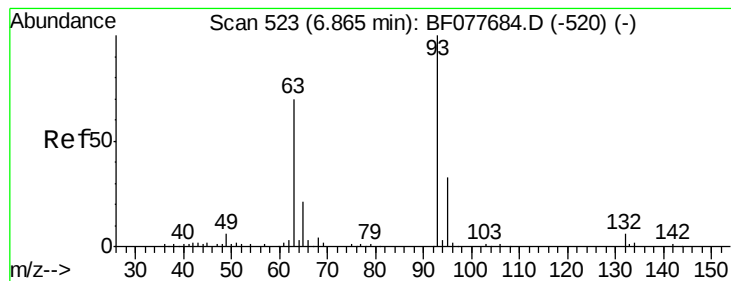


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 30.22 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

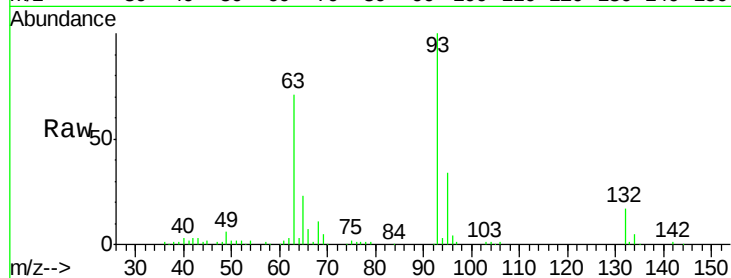
Tgt Ion: 93 Resp: 109754

Ion Ratio Lower Upper

93 100

63 71.1 49.5 89.5

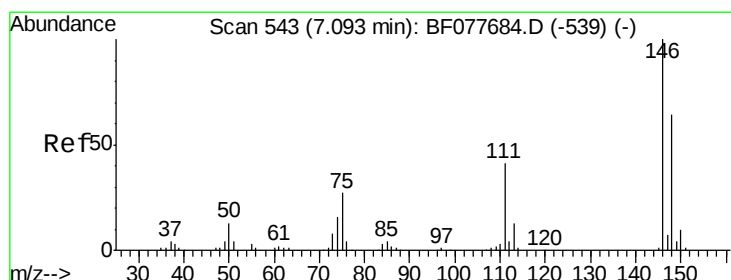
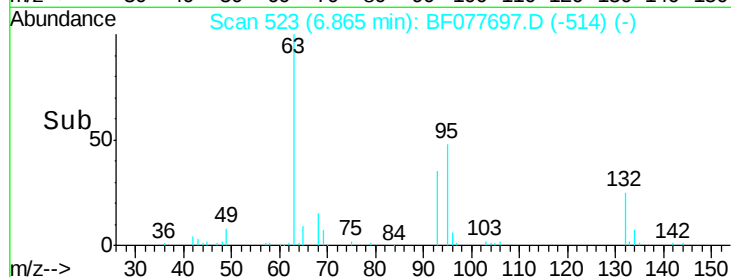
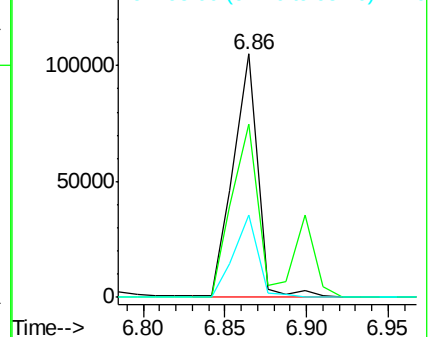
95 33.6 13.5 53.5



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: 28.96 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

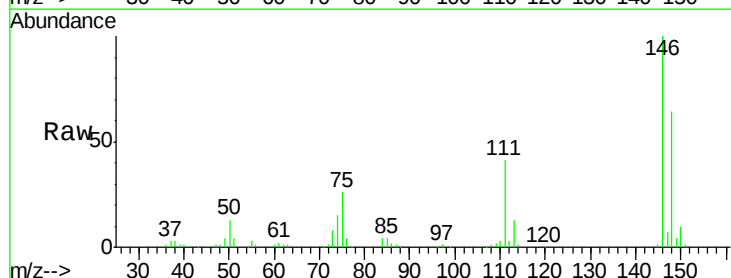
Tgt Ion: 146 Resp: 127320

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

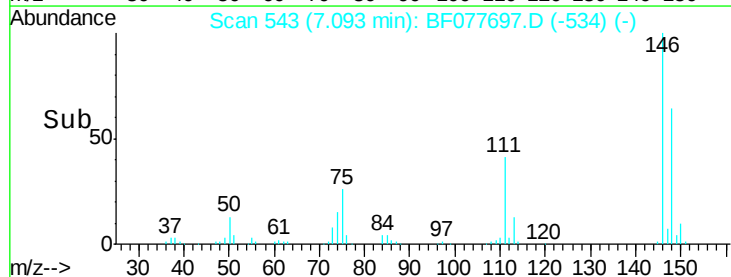
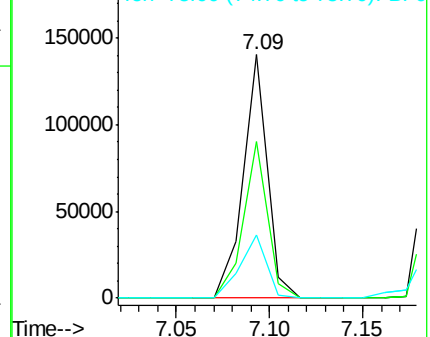
75 25.8 21.4 32.2

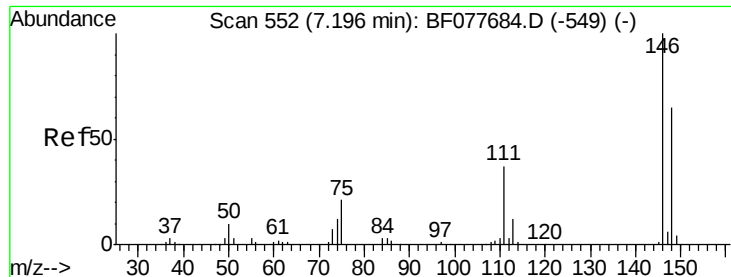


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

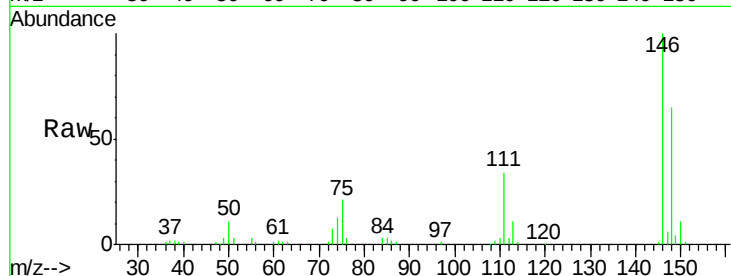




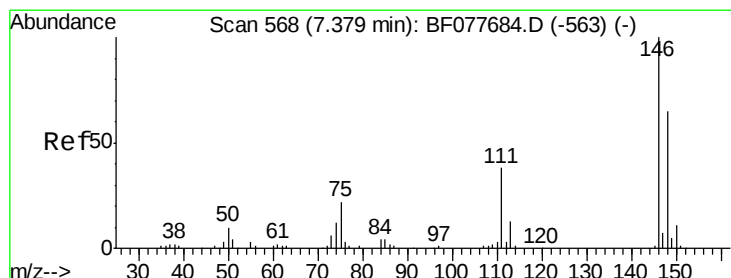
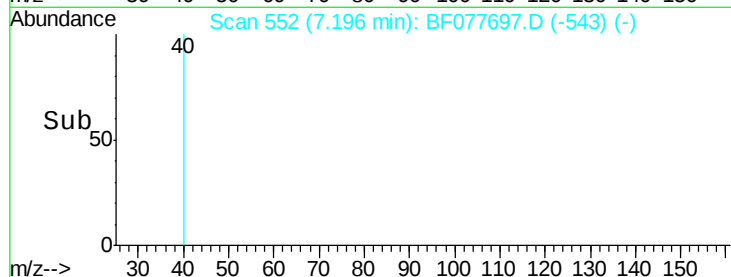
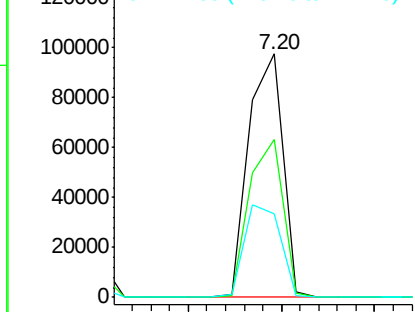
#13
 1,4-Dichlorobenzene
 Concen: 27.02 ng
 RT: 7.20 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion:146 Resp: 123393
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 34.1 29.2 43.8

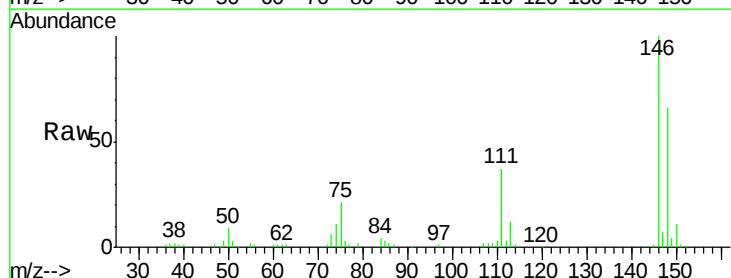


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

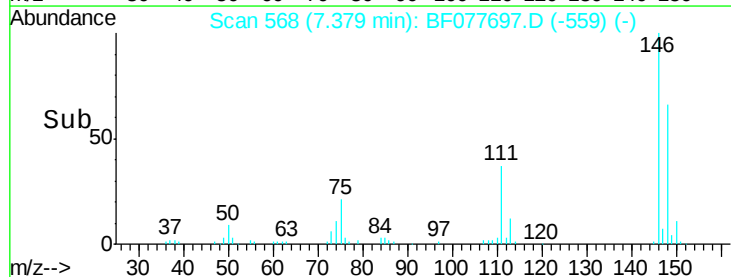
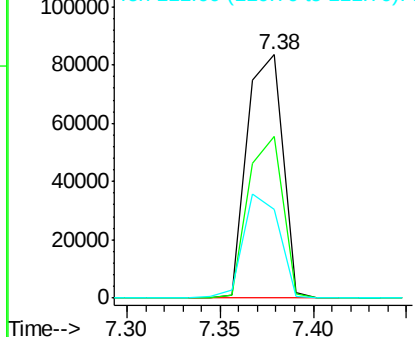


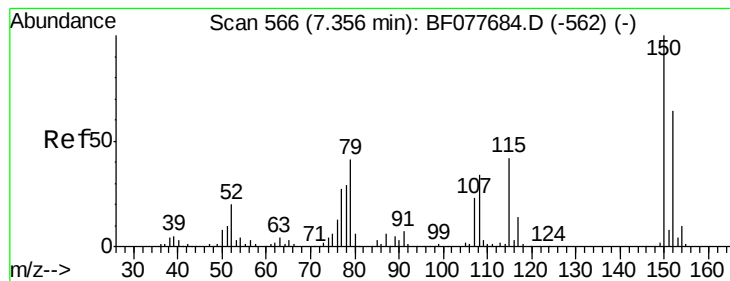
#14
 1,2-Dichlorobenzene
 Concen: 26.41 ng
 RT: 7.38 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion:146 Resp: 110575
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.3 78.5
 111 36.6 30.6 45.8



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





#15

Benzyl Alcohol

Concen: 27.70 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

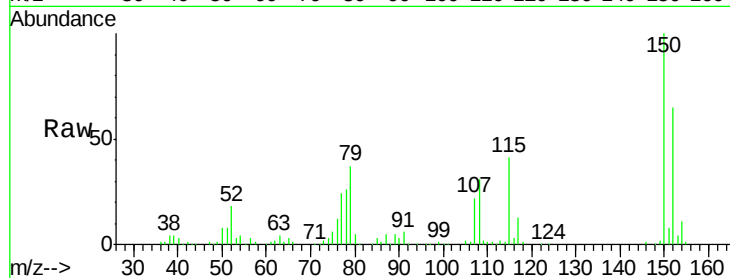
Tgt Ion: 79 Resp: 88692

Ion Ratio Lower Upper

79 100

108 83.9 65.0 97.4

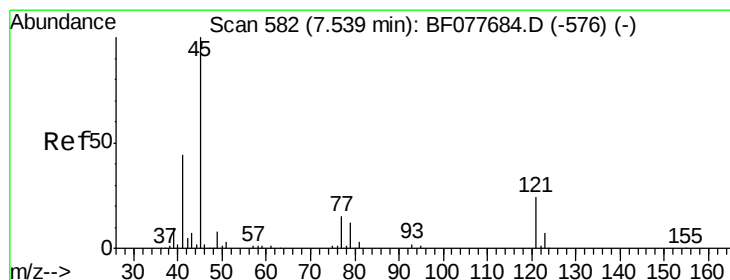
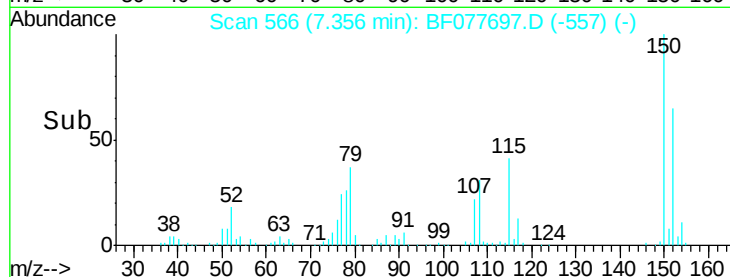
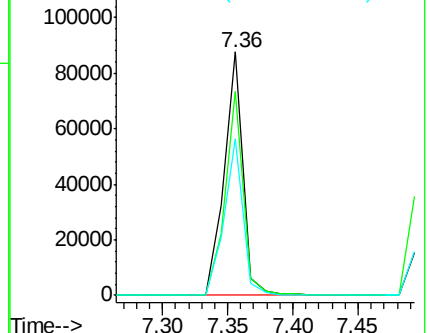
77 64.3 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.31 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

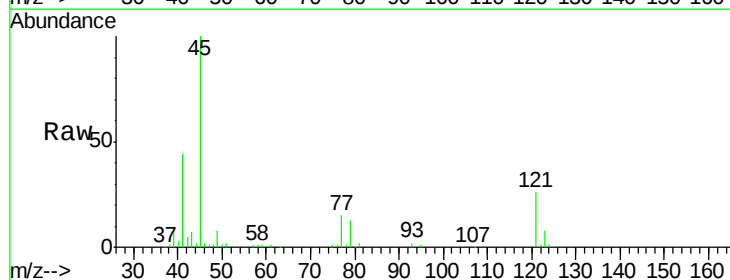
Tgt Ion: 45 Resp: 128766

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.2

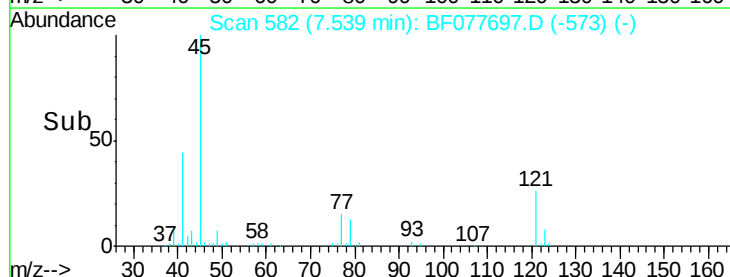
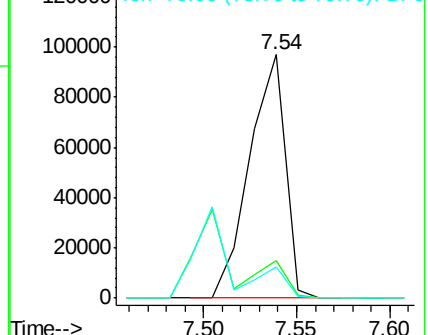
79 12.7 0.0 32.0

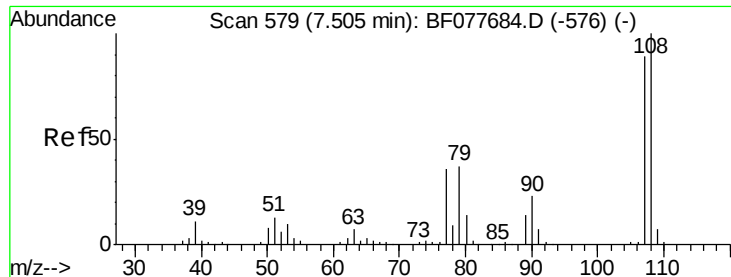


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

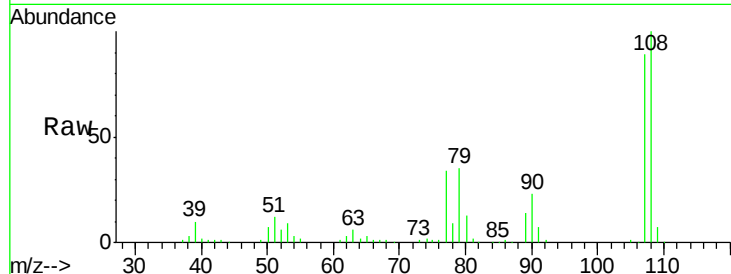




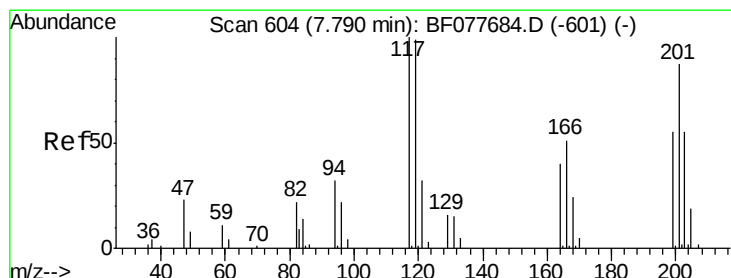
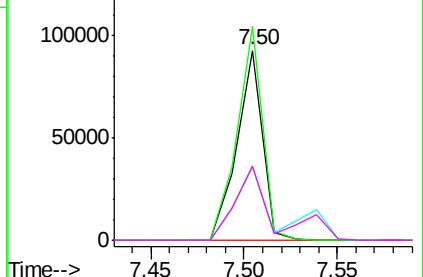
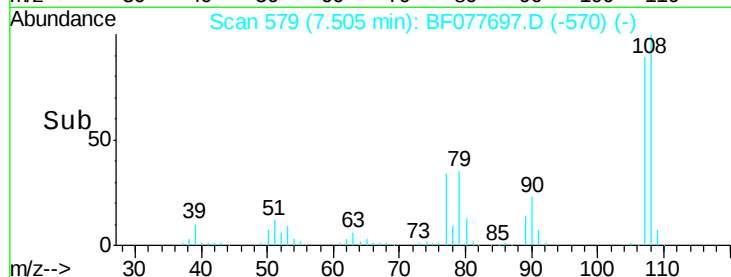
#17
2-Methylphenol
Concen: 27.63 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion:	107	Resp:	88902
Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.8
77	38.4	32.6	48.8
79	39.2	32.8	49.2

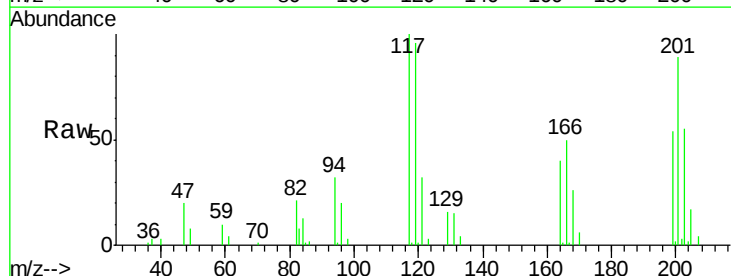


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

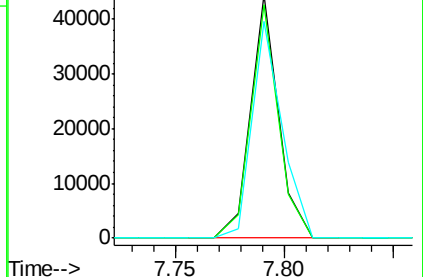
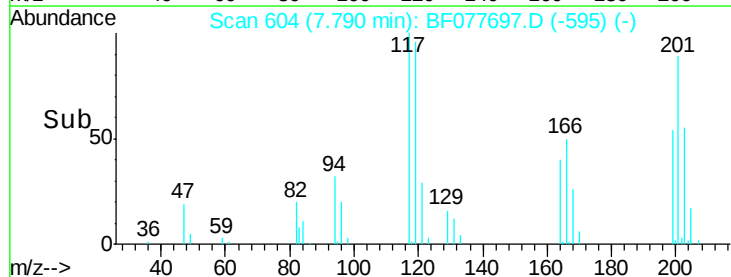


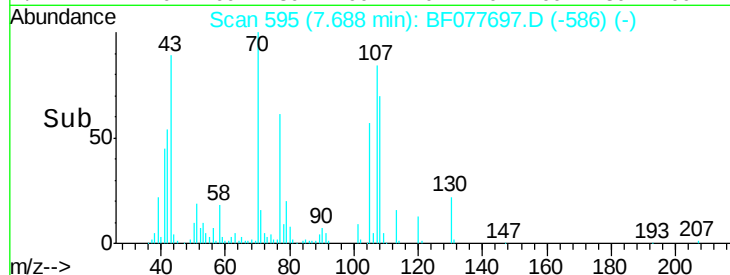
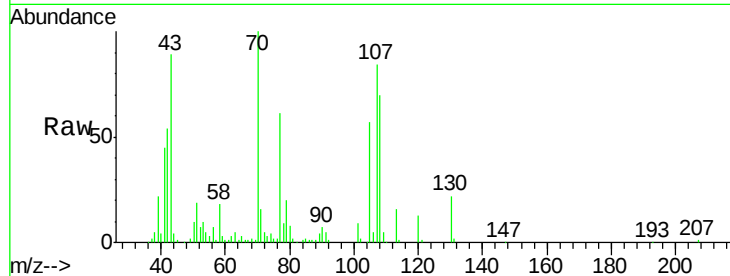
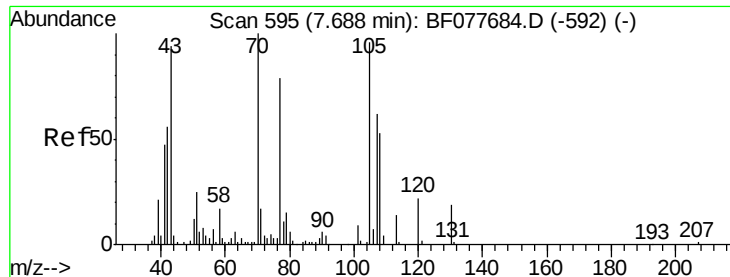
#18
Hexachloroethane
Concen: 26.20 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:	117	Resp:	39246
Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.2	118.8
201	89.1	69.8	104.6



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

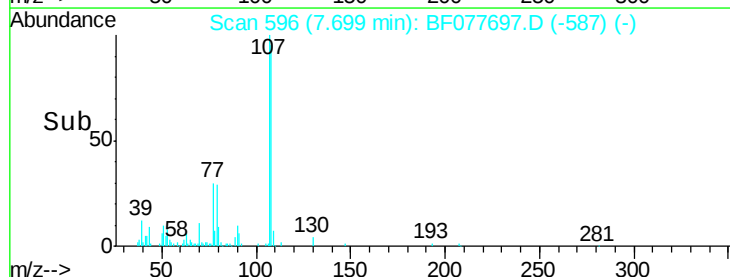
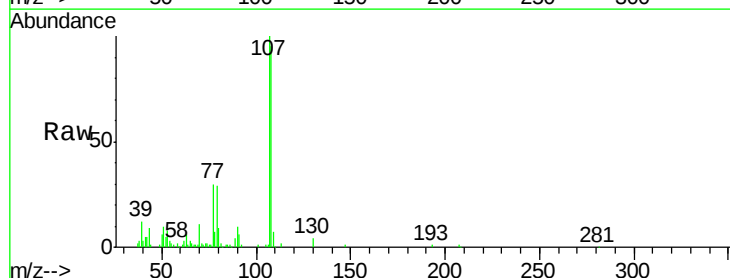
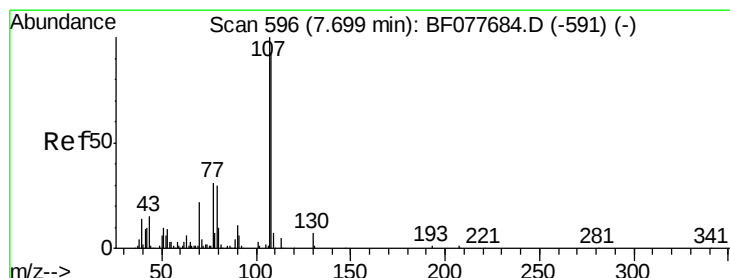
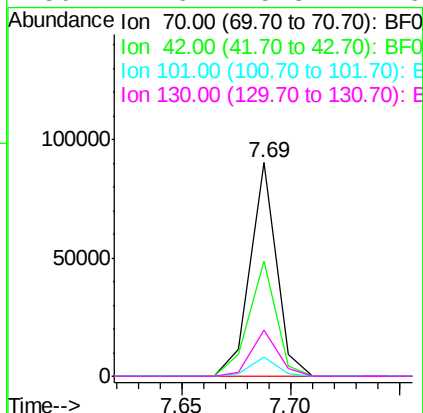




#19
n-Nitroso-di-n-propylamine
Concen: 26.73 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

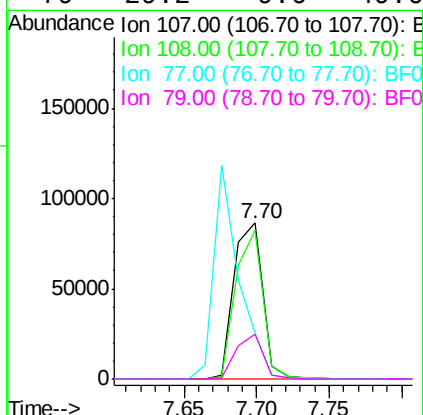
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

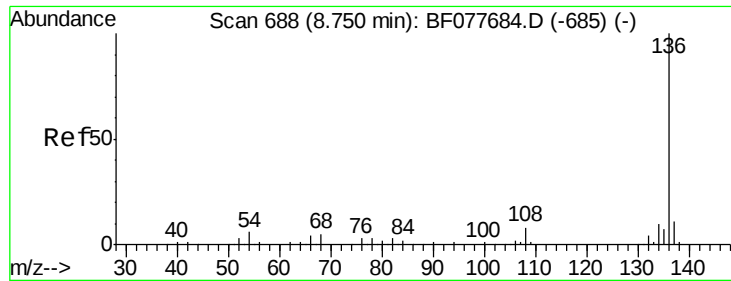
Tgt Ion:	70	Resp:	75852
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.5	66.7
101	9.1	7.4	11.2
130	21.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 28.29 ng
RT: 7.70 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:	107	Resp:	119450
Ion	Ratio	Lower	Upper
107	100		
108	95.1	73.2	113.2
77	29.9	10.7	50.7
79	29.2	9.6	49.6

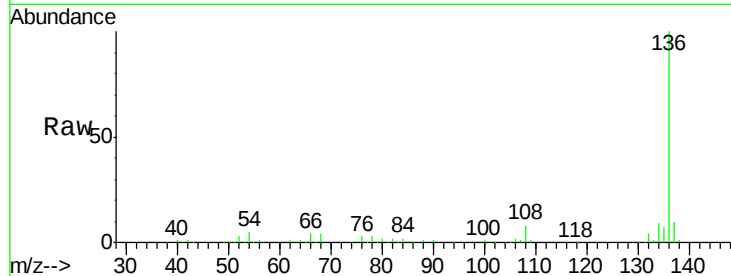




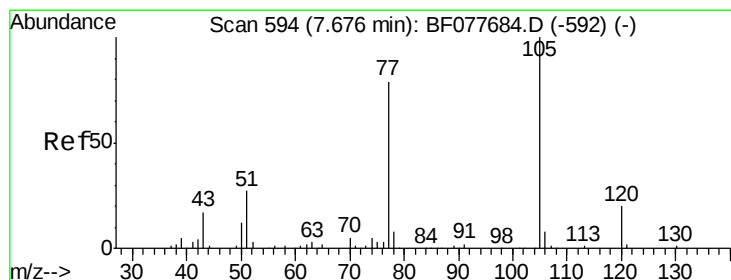
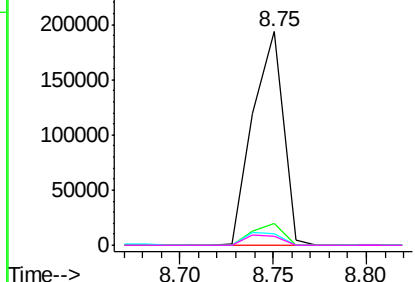
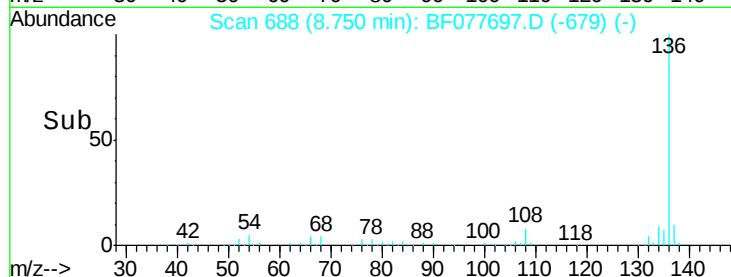
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion:	136	Resp:	218473
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	5.1	4.6	6.8
68	4.3	3.7	5.5

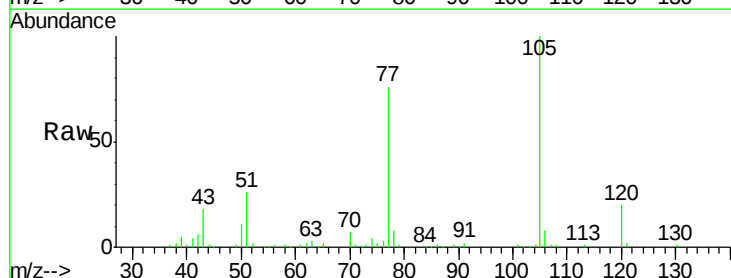


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

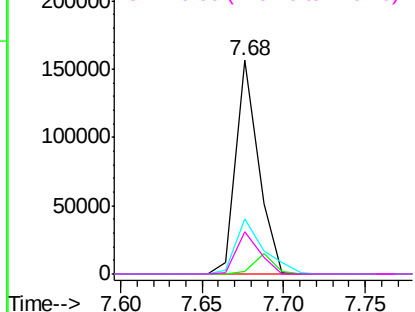
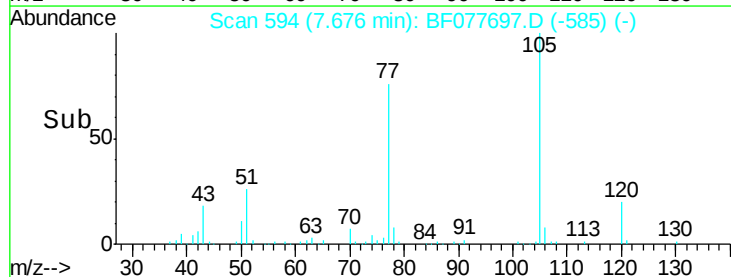


#22
Acetophenone
Concen: 30.92 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:	105	Resp:	149542
Ion	Ratio	Lower	Upper
105	100		
71	1.4	0.6	1.0#
51	25.6	21.6	32.4
120	20.1	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

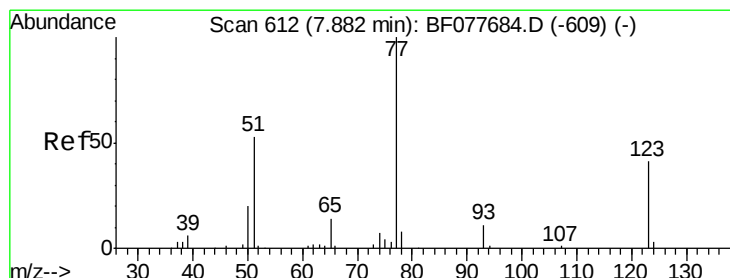
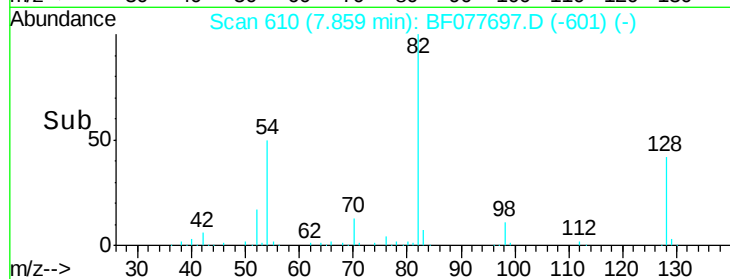
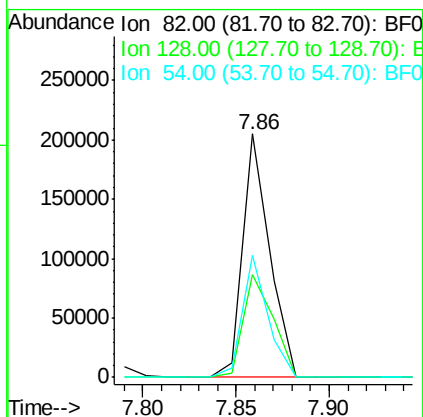
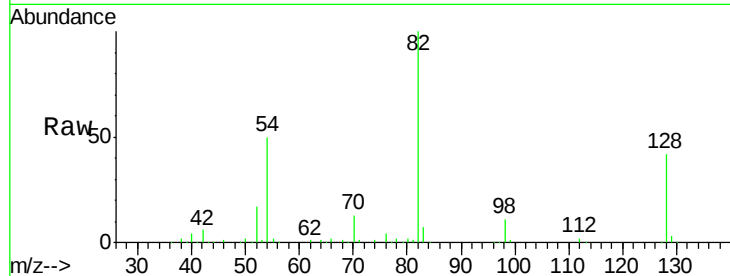




#23
 Nitrobenzene-d5
 Concen: 61.65 ng
 RT: 7.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

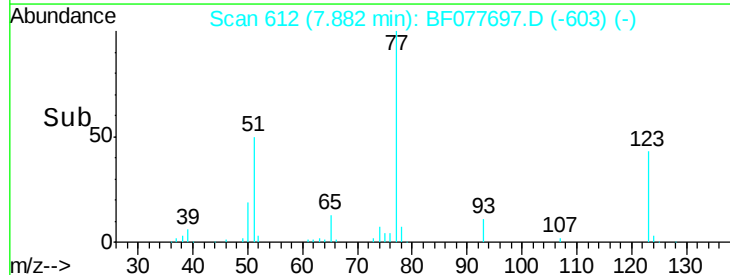
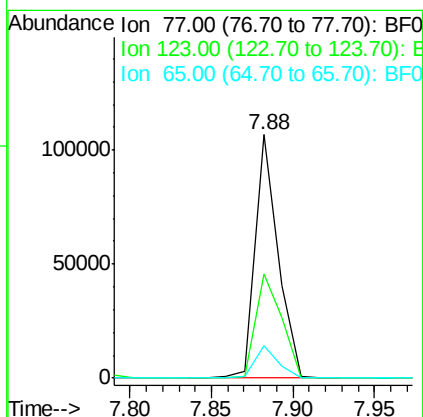
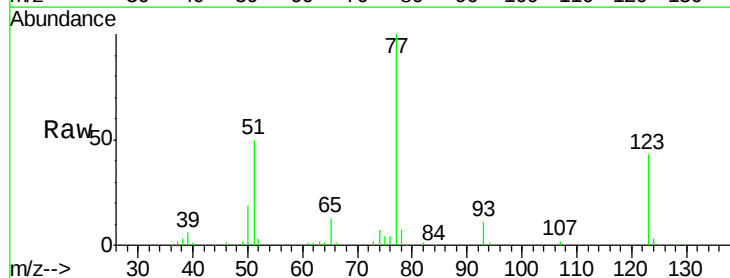
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.8	49.2
54	50.2	40.6	60.8



#24
 Nitrobenzene
 Concen: 28.97 ng
 RT: 7.88 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	32.6	49.0
65	13.4	10.9	16.3





#25

Isophorone

Concen: 29.07 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

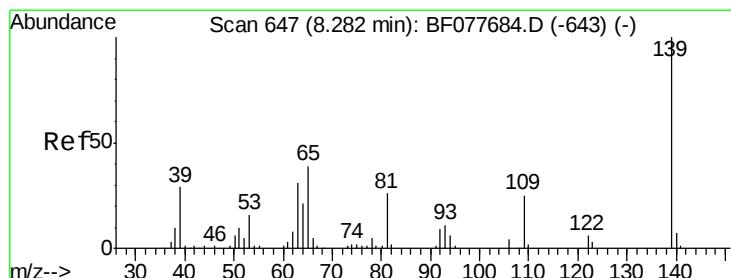
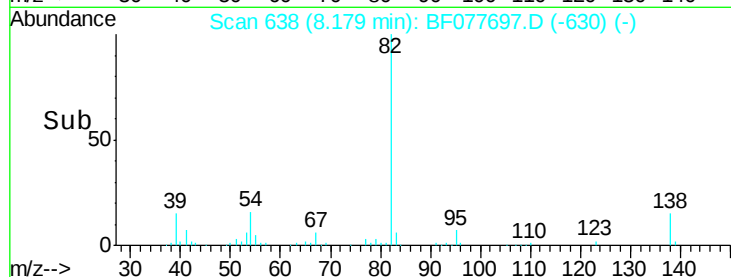
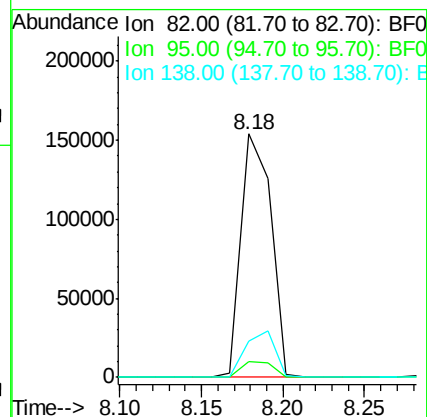
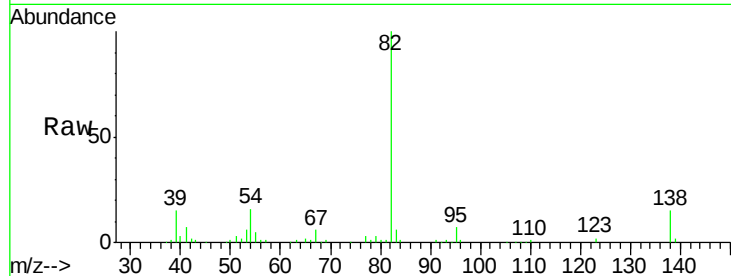
Tgt Ion: 82 Resp: 195636

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 14.7 16.3 24.5#



#26

2-Nitrophenol

Concen: 30.99 ng

RT: 8.28 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

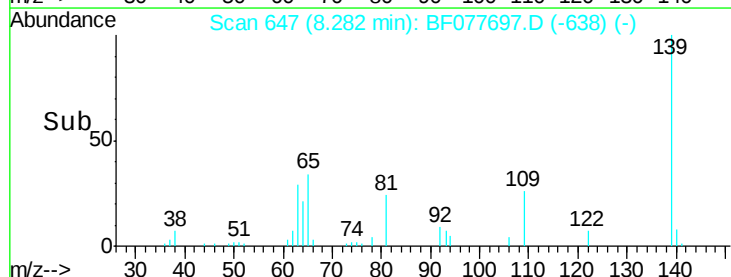
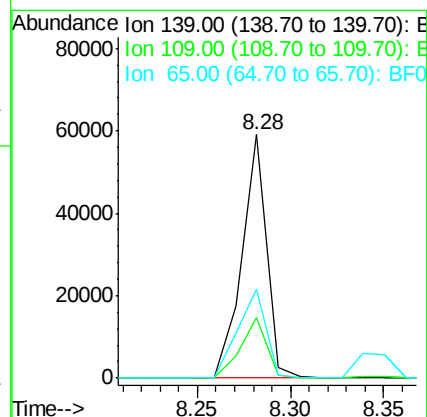
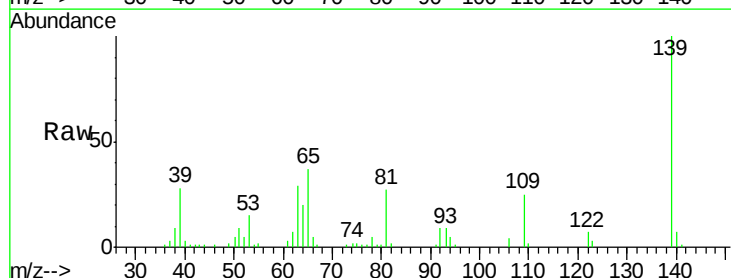
Tgt Ion: 139 Resp: 54484

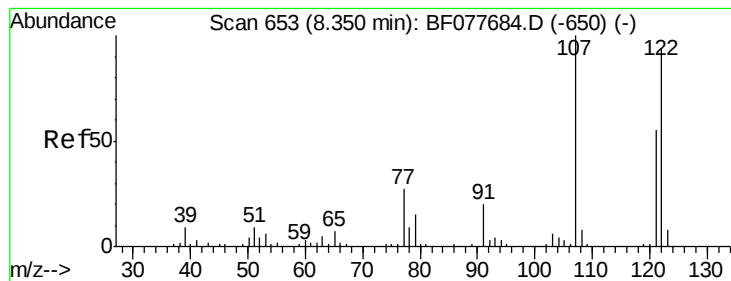
Ion Ratio Lower Upper

139 100

109 25.1 20.1 30.1

65 36.7 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 29.20 ng

RT: 8.35 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

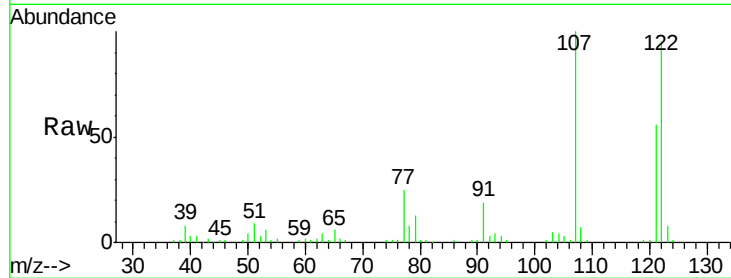
Tgt Ion: 122 Resp: 93497

Ion Ratio Lower Upper

122 100

107 105.3 84.7 127.1

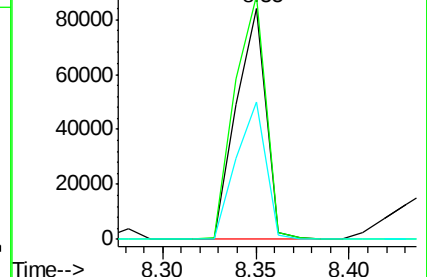
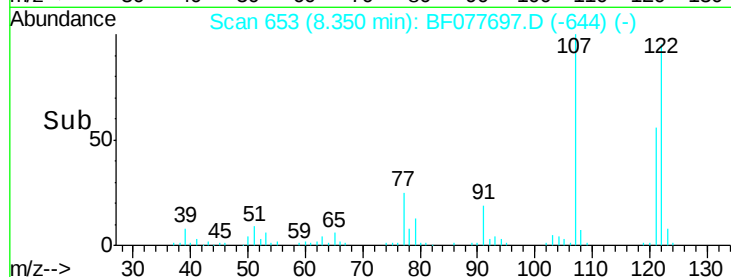
121 59.3 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.56 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

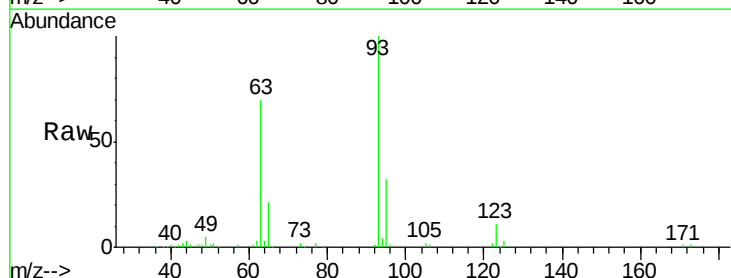
Tgt Ion: 93 Resp: 124836

Ion Ratio Lower Upper

93 100

95 32.5 25.5 38.3

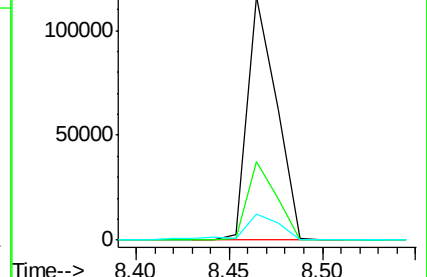
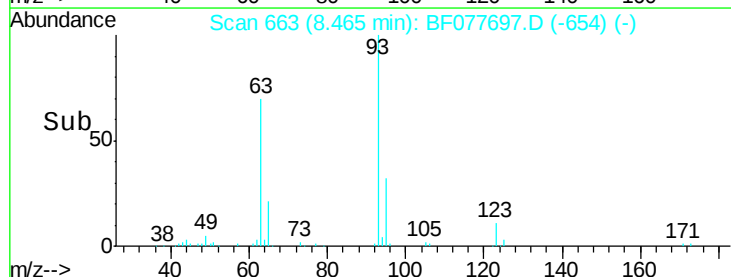
123 10.6 8.6 13.0

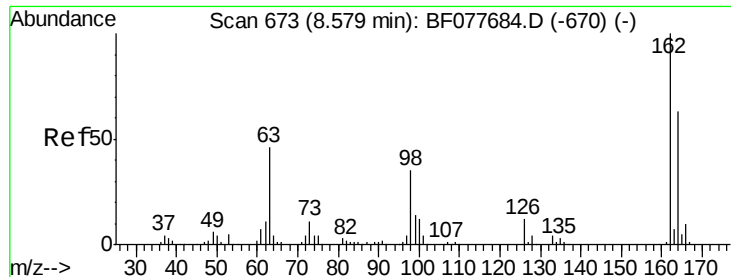


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

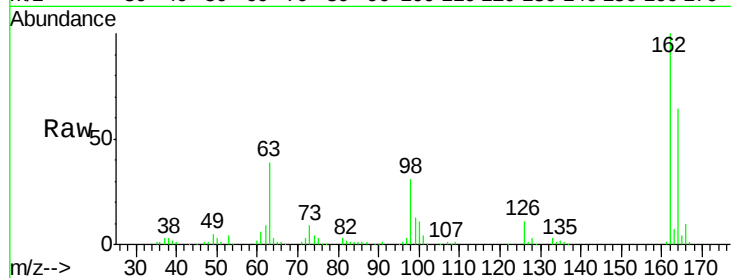




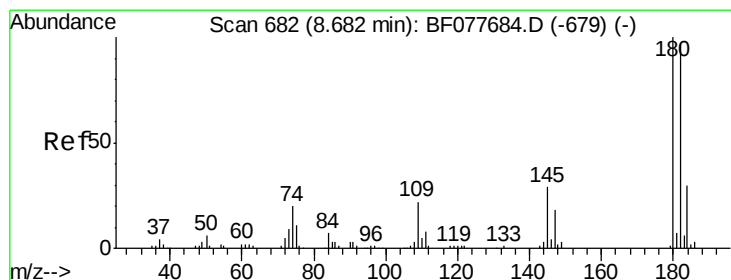
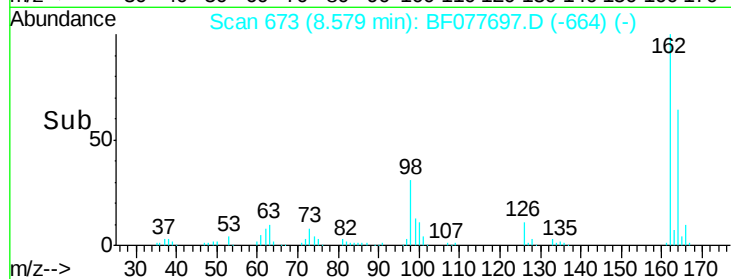
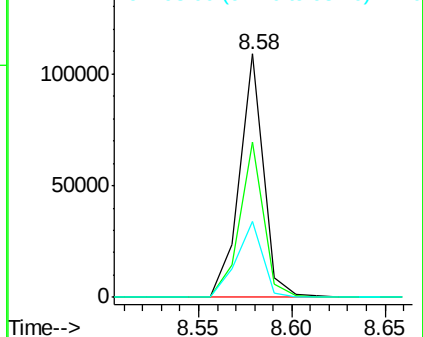
#29
 2,4-Dichlorophenol
 Concen: 32.18 ng
 RT: 8.58 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.8	82.8
98	31.3	14.5	54.5

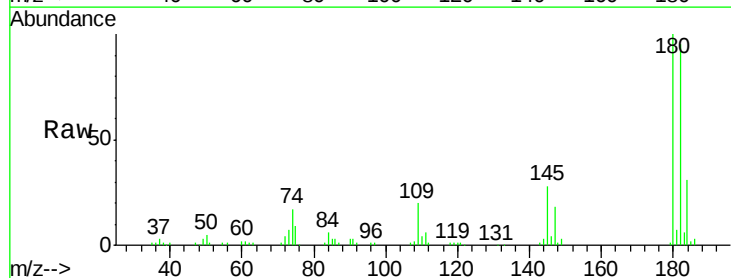


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

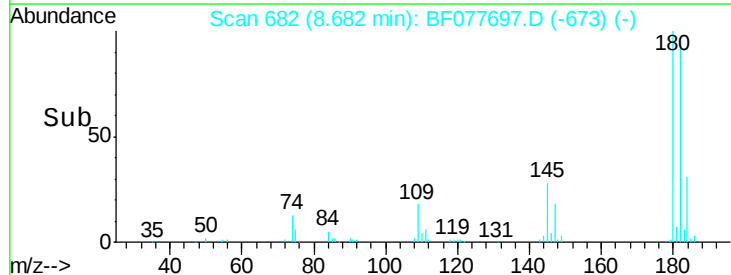
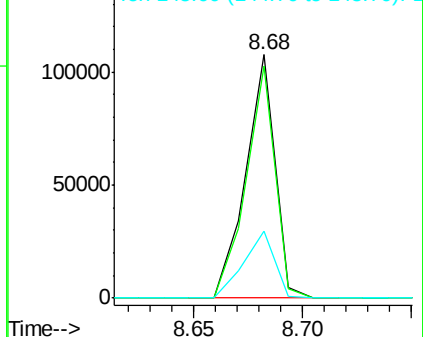


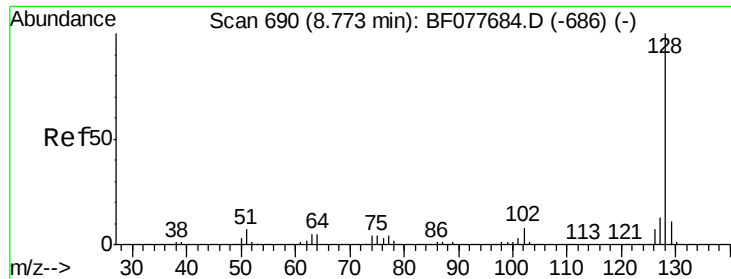
#30
 1,2,4-Trichlorobenzene
 Concen: 29.39 ng
 RT: 8.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.6	116.4
145	27.7	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

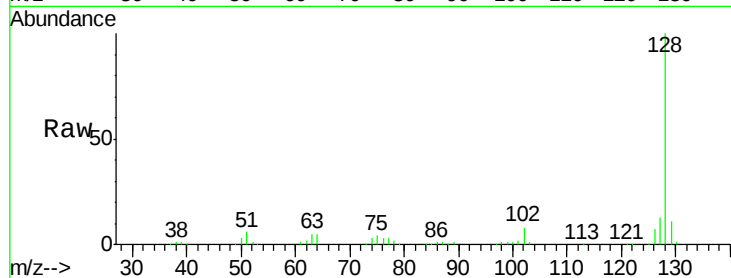




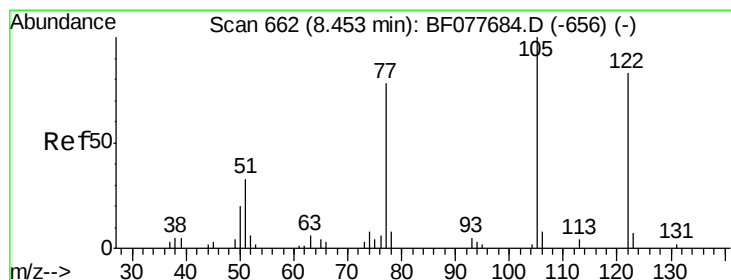
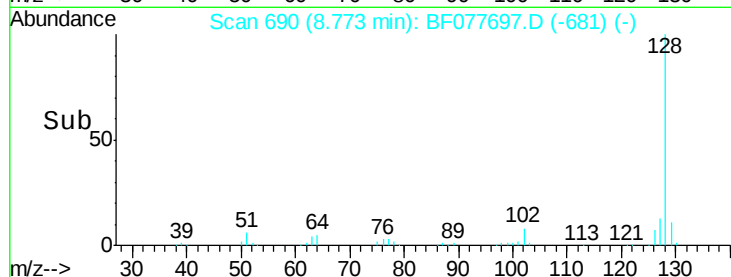
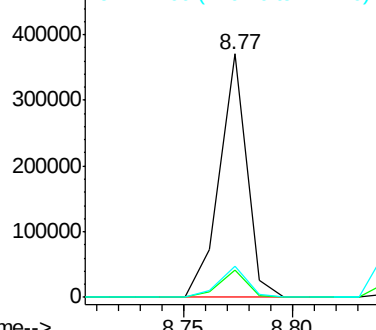
#31
Naphthalene
Concen: 28.77 ng
RT: 8.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion:128 Resp: 322872
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.4 15.6

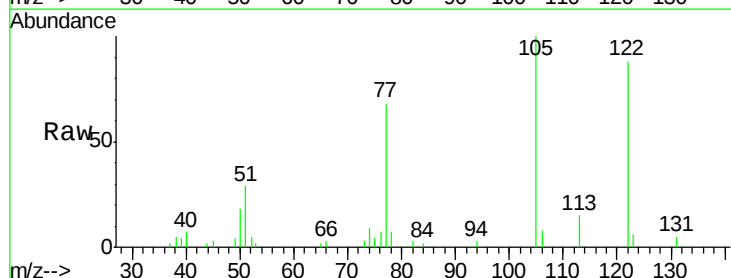


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

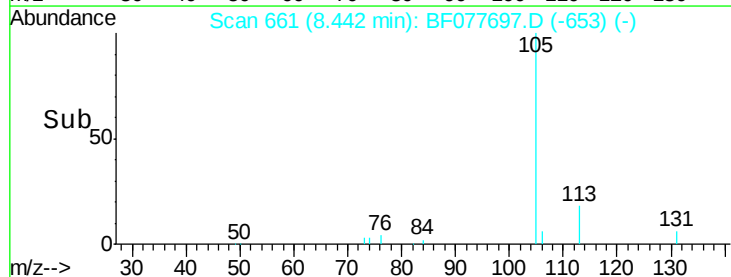
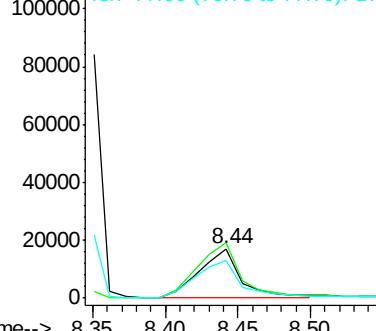


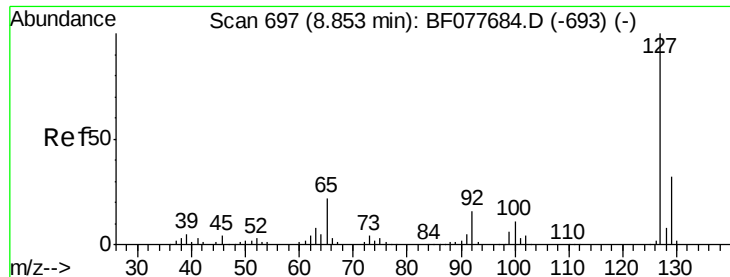
#32
Benzoic acid
Concen: 21.24 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:122 Resp: 34659
Ion Ratio Lower Upper
122 100
105 113.6 99.9 139.9
77 77.1 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

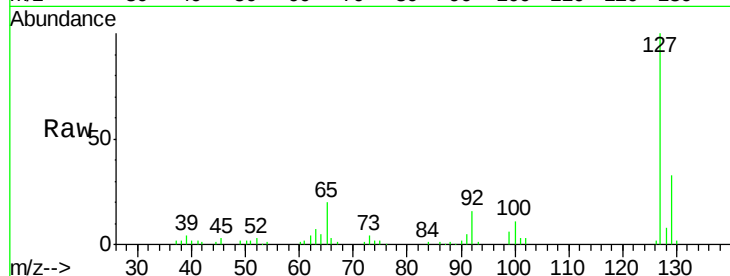




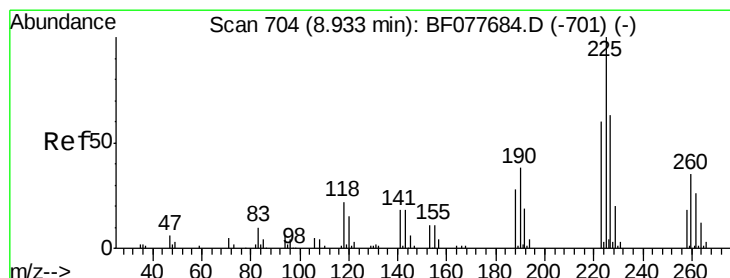
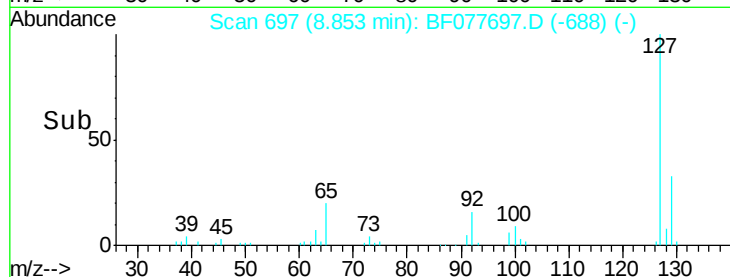
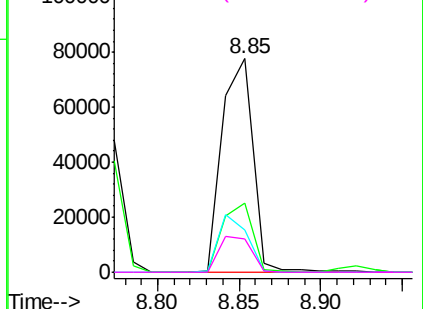
#33
4-Chloroaniline
Concen: 22.33 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion:	127	Resp:	101684
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	20.0	17.6	26.4
92	15.8	13.1	19.7

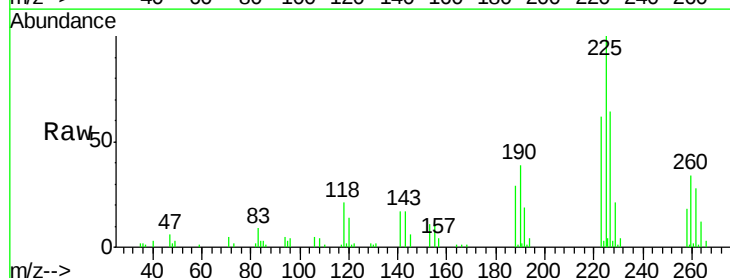


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

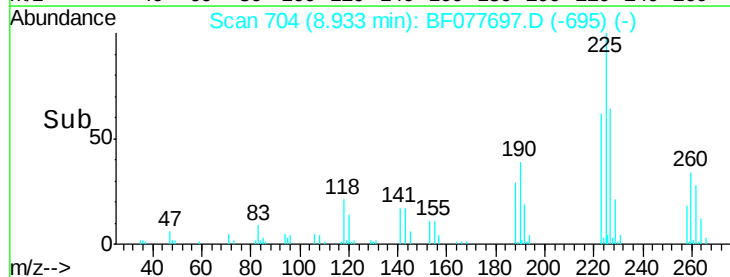
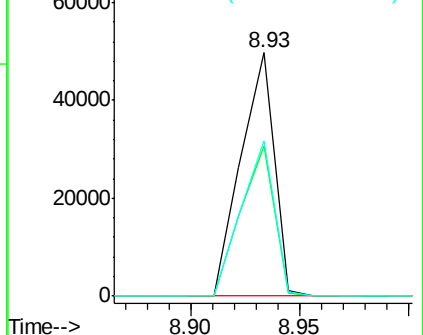


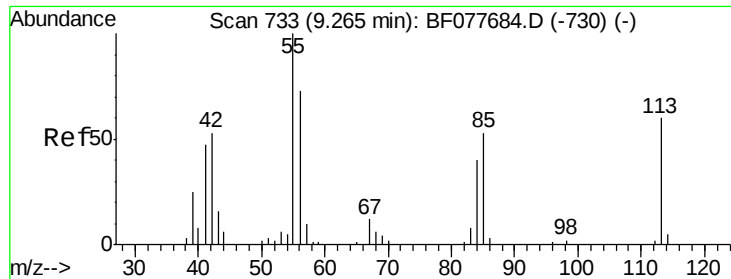
#34
Hexachlorobutadiene
Concen: 27.31 ng
RT: 8.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:	225	Resp:	52859
Ion	Ratio	Lower	Upper
225	100		
223	61.8	47.9	71.9
227	63.9	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

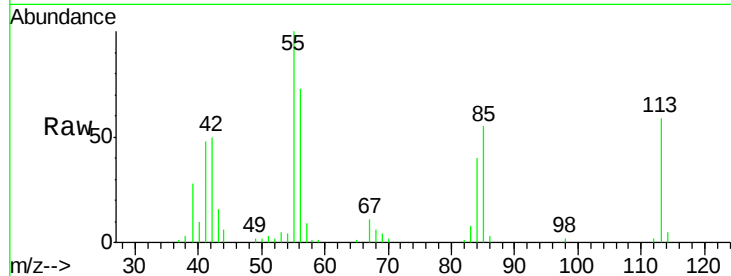




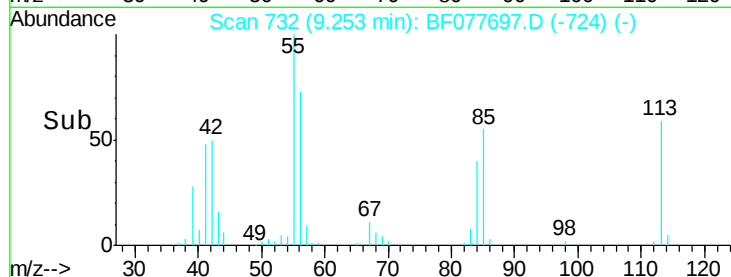
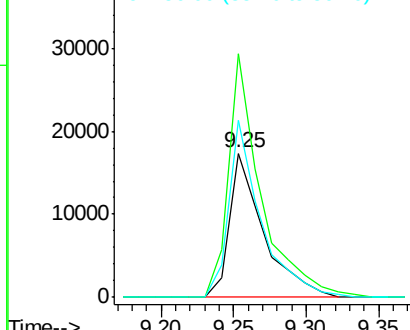
#35
 Caprolactam
 Concen: 31.52 ng
 RT: 9.25 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion:113 Resp: 28124
 Ion Ratio Lower Upper
 113 100
 55 169.3 145.9 185.9
 56 123.3 101.0 141.0

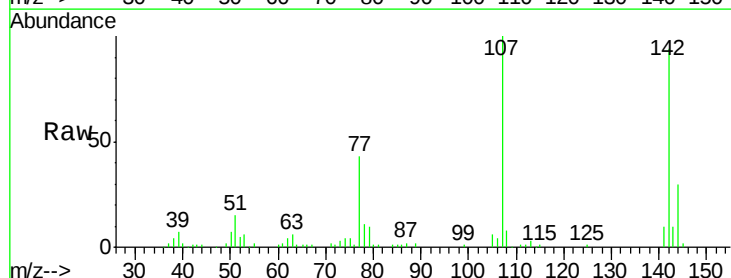


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

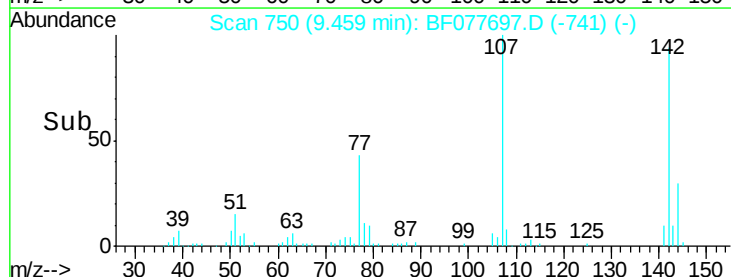
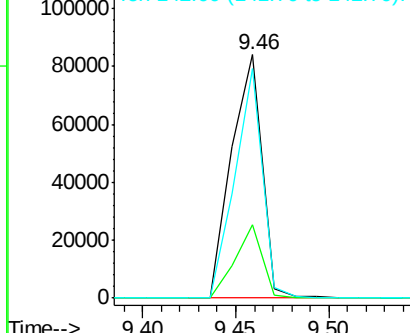


#36
 4-Chloro-3-methylphenol
 Concen: 31.46 ng
 RT: 9.46 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion:107 Resp: 96636
 Ion Ratio Lower Upper
 107 100
 144 29.9 23.3 34.9
 142 94.5 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

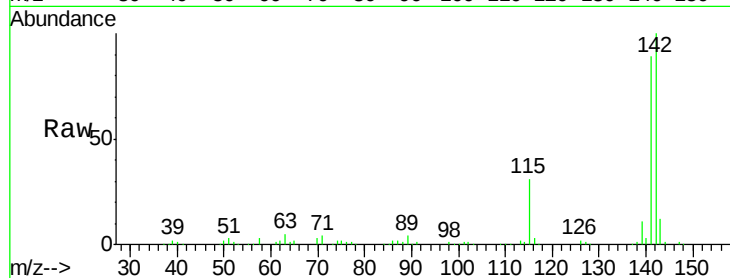




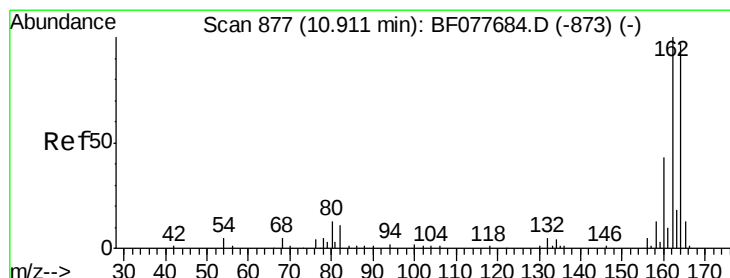
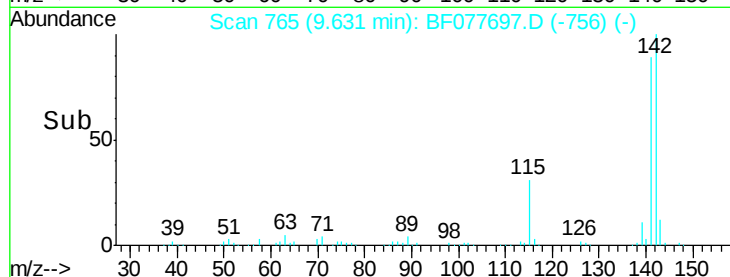
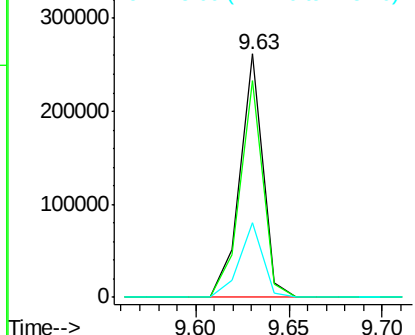
#37
 2-Methylnaphthalene
 Concen: 29.99 ng
 RT: 9.63 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	30.8	25.4	38.0

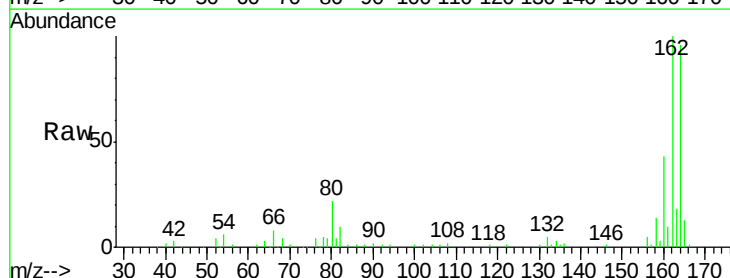


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

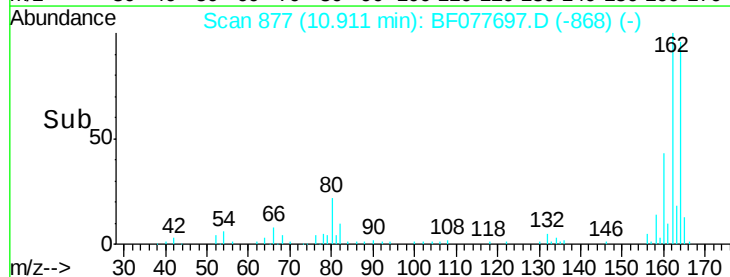
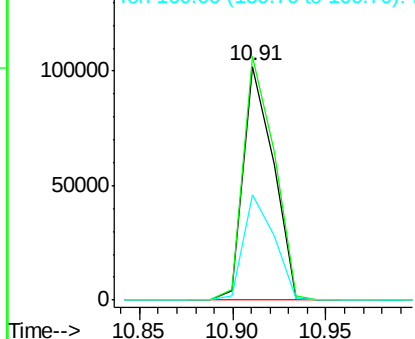


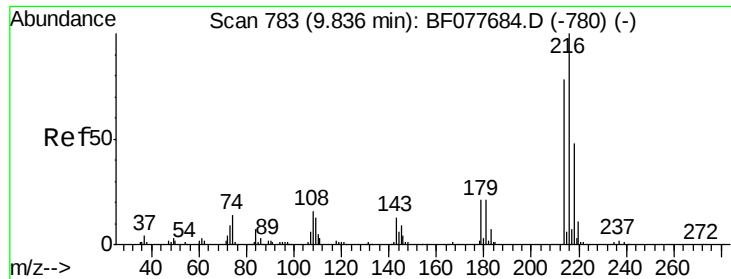
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.4	123.6
160	44.9	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

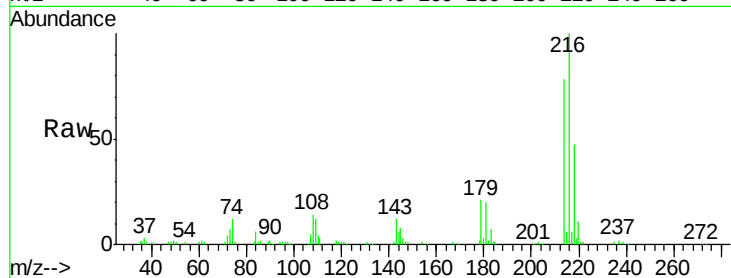




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.71 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion:	216	Resp:	97918
Ion	Ratio	Lower	Upper
216	100		
214	78.2	0.0	0.0#
179	21.7	0.0	0.0#
108	19.4	0.0	0.0#

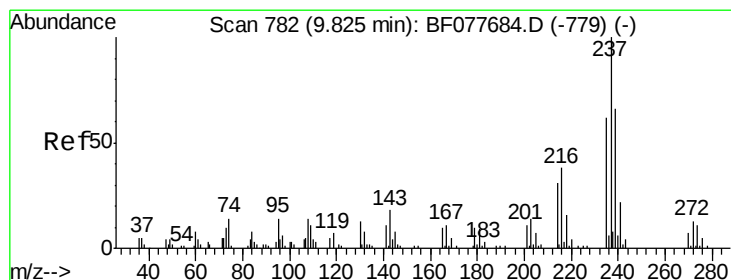
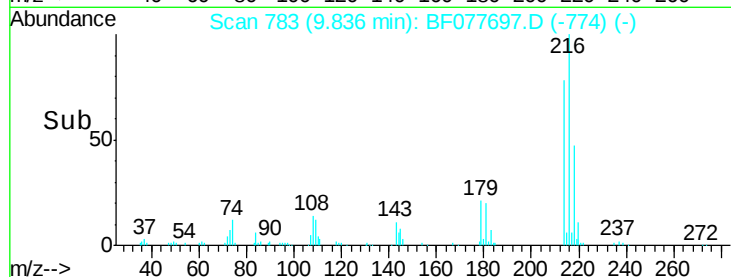
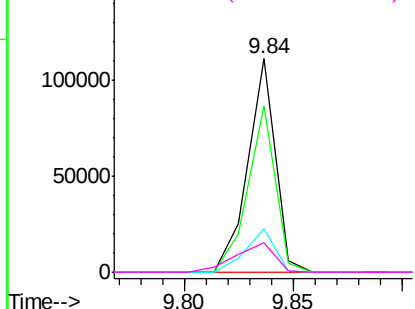


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

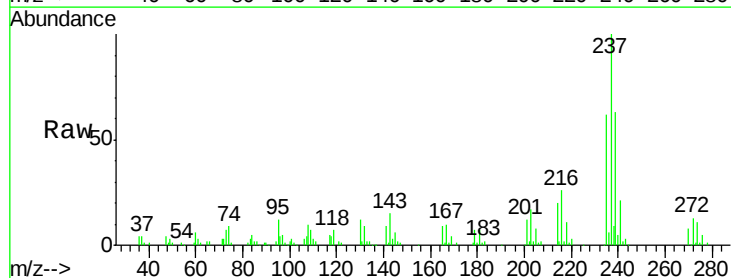
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 54.74 ng
 RT: 9.82 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

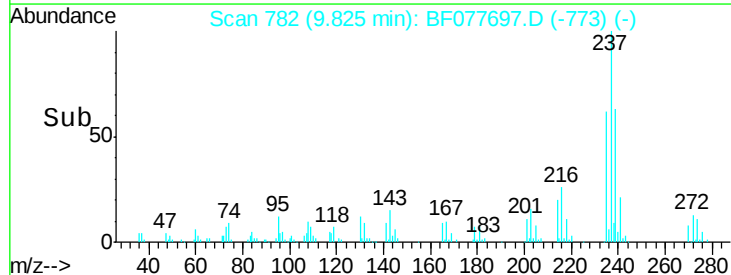
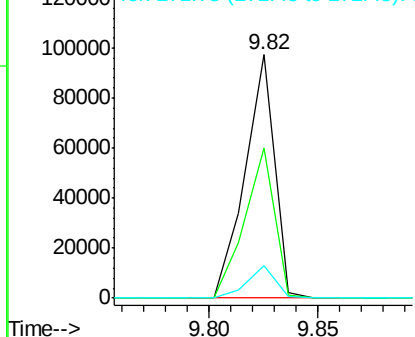
Tgt Ion:	237	Resp:	91667
Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.0	82.0
272	13.2	0.0	33.4

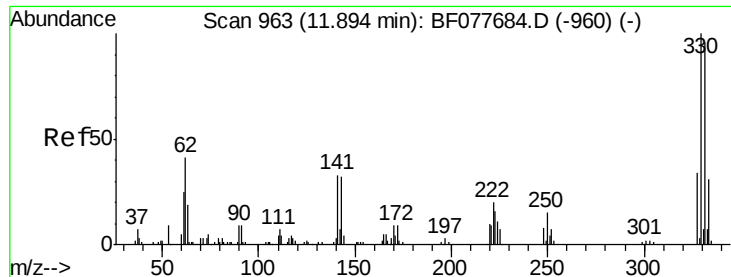


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

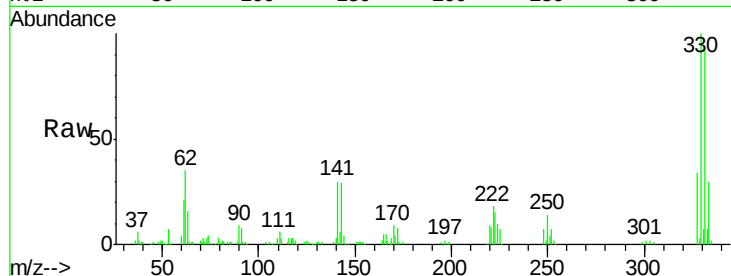




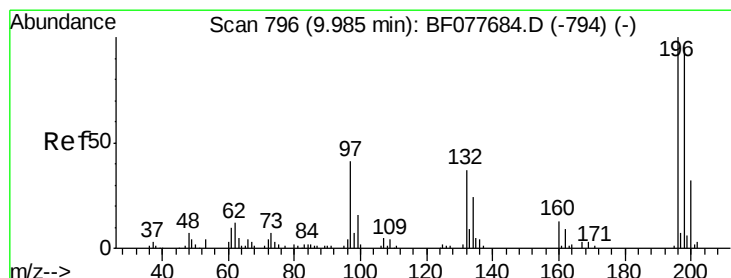
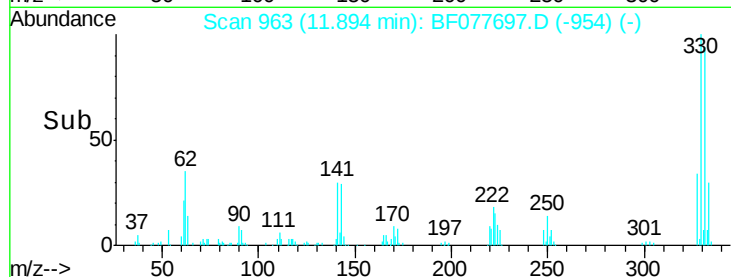
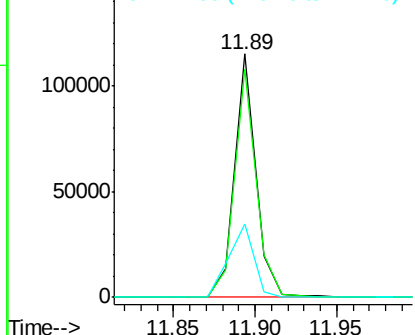
#41
 2,4,6-Tribromophenol
 Concen: 95.13 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	34.9	0.0	0.0#

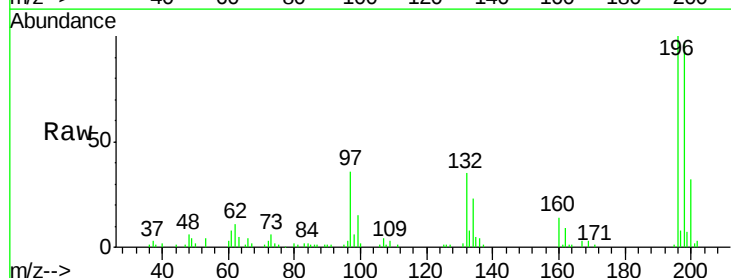


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

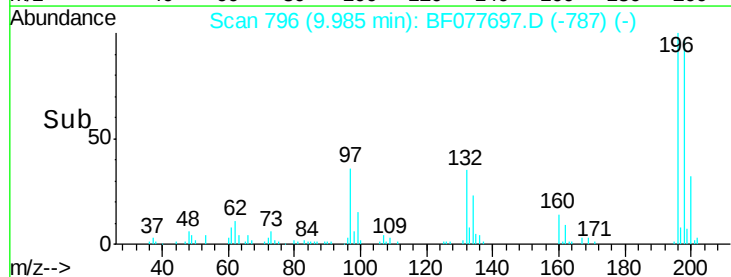
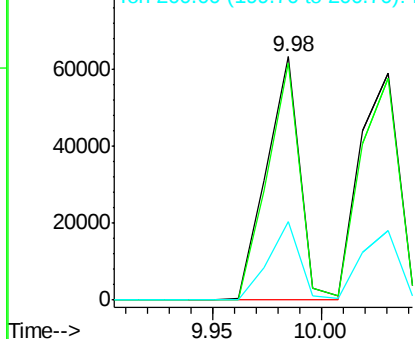


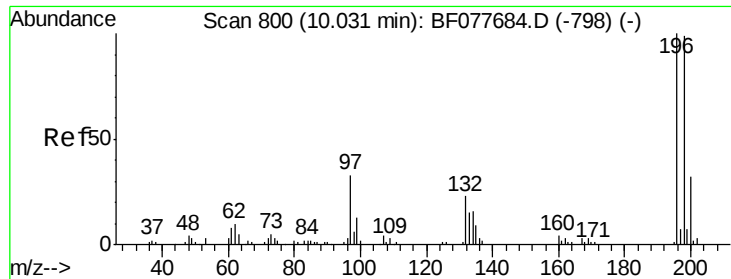
#42
 2,4,6-Trichlorophenol
 Concen: 28.65 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.3	114.5
200	32.5	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

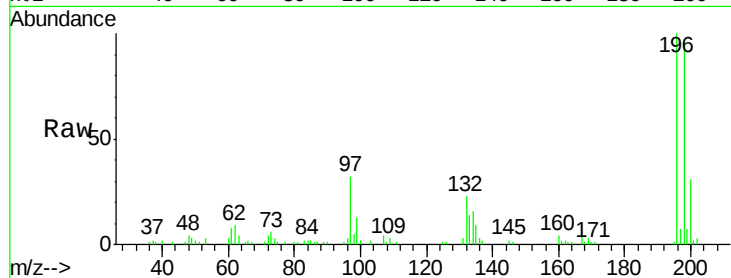




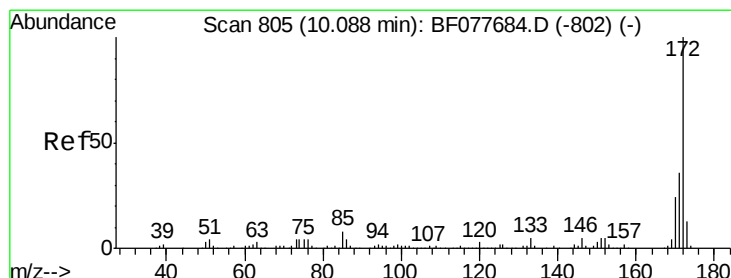
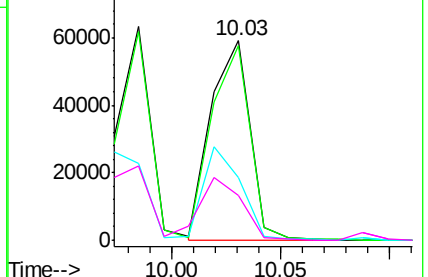
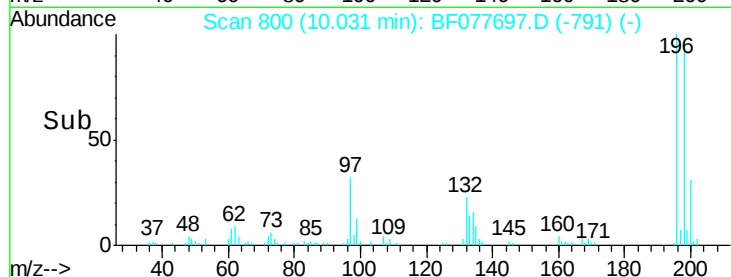
#43
 2,4,5-Trichlorophenol
 Concen: 29.03 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion:196 Resp: 74079
 Ion Ratio Lower Upper
 196 100
 198 97.5 79.4 119.0
 97 31.5 26.8 40.2
 132 22.8 18.6 28.0

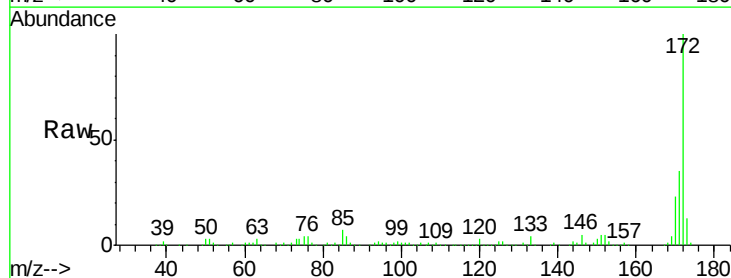


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

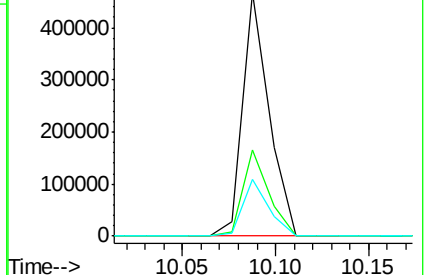
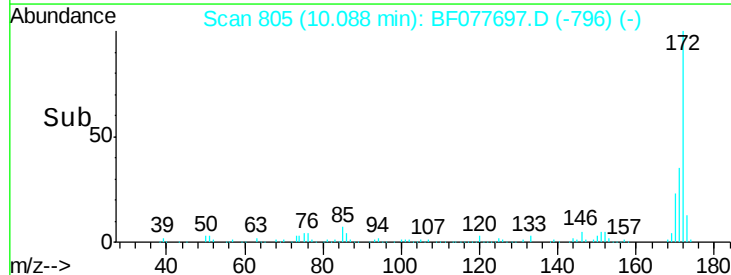


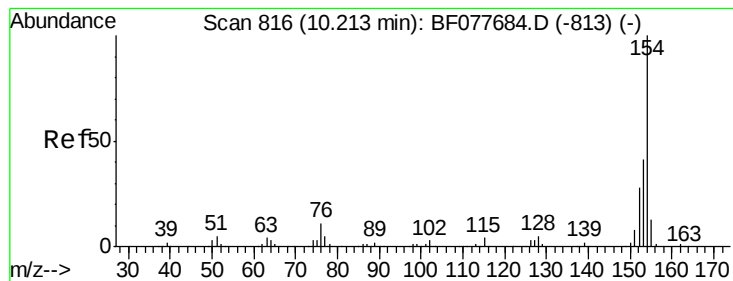
#44
 2-Fluorobiphenyl
 Concen: 58.60 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion:172 Resp: 455900
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.1 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: 28.73 ng

RT: 10.21 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

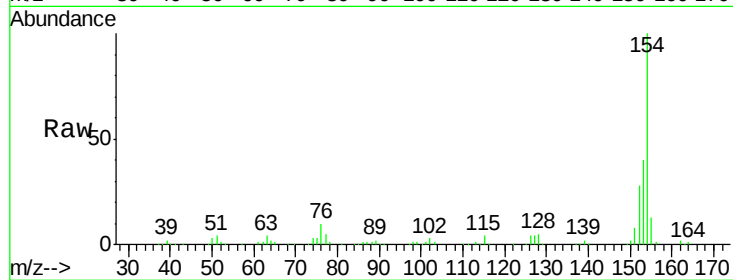
Tgt Ion:154 Resp: 262616

Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

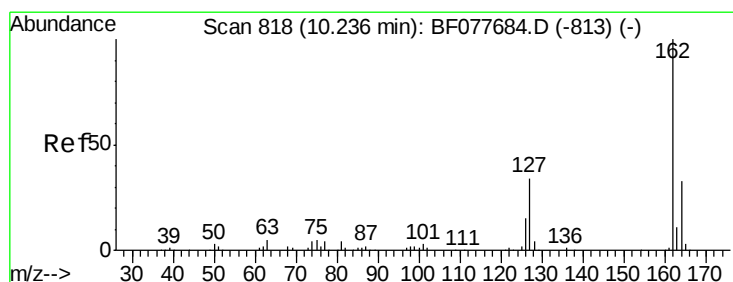
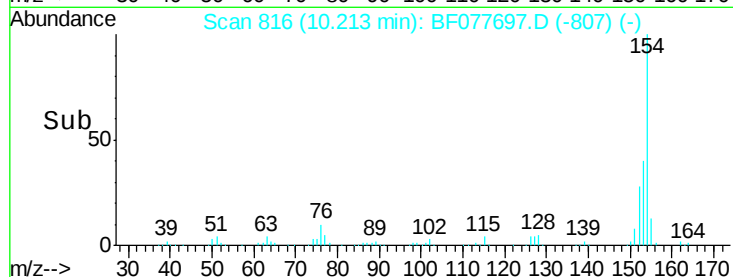
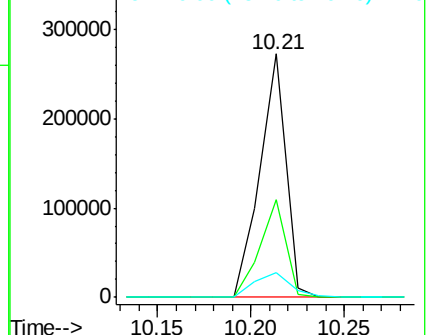
76 10.2 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 27.46 ng

RT: 10.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

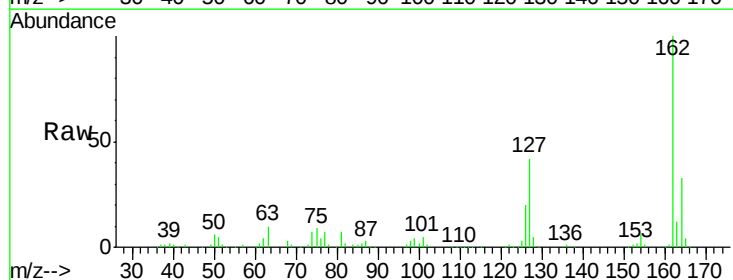
Tgt Ion:162 Resp: 203959

Ion Ratio Lower Upper

162 100

127 42.4 26.9 40.3#

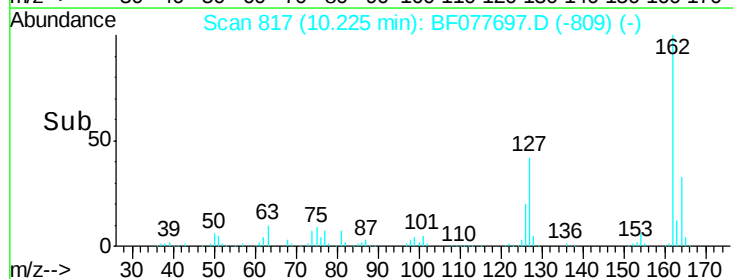
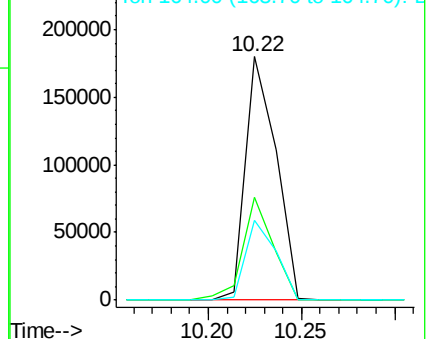
164 32.8 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

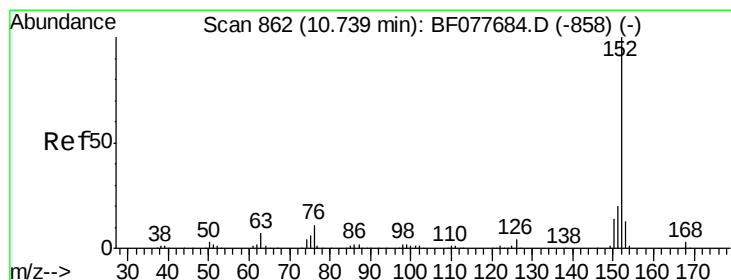
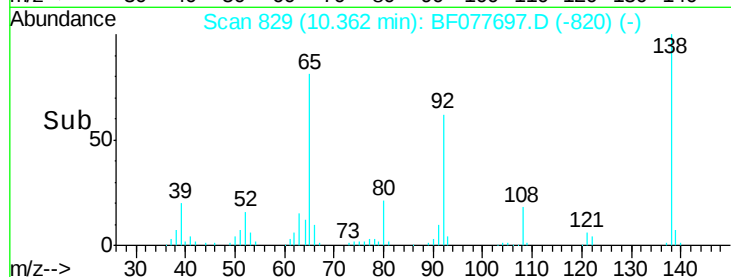
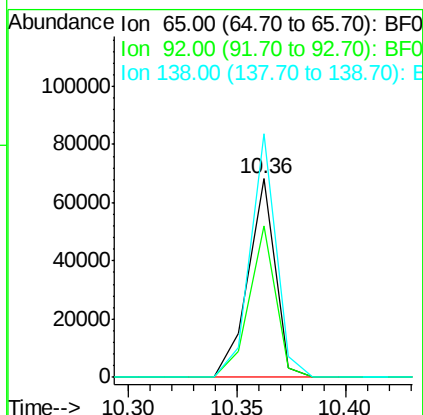
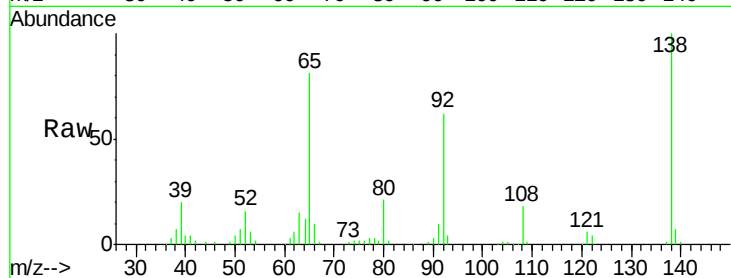




#47
2-Nitroaniline
Concen: 32.23 ng
RT: 10.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

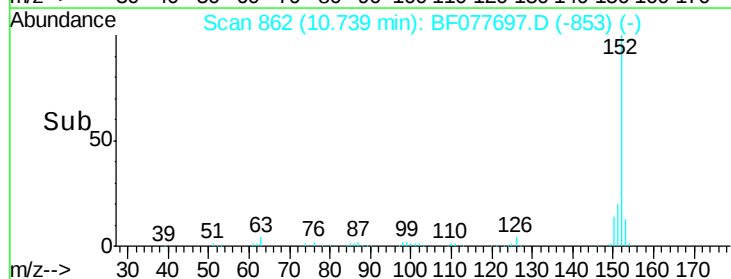
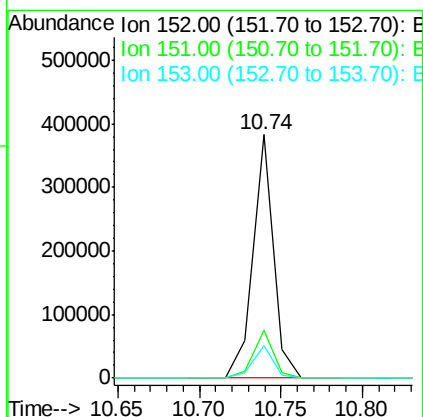
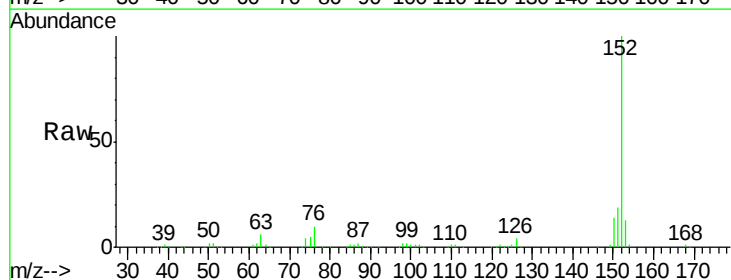
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion: 65 Resp: 59446
Ion Ratio Lower Upper
65 100
92 76.7 59.1 88.7
138 122.7 93.9 140.9



#48
Acenaphthylene
Concen: 27.08 ng
RT: 10.74 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion: 152 Resp: 334412
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 31.20 ng

RT: 10.60 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

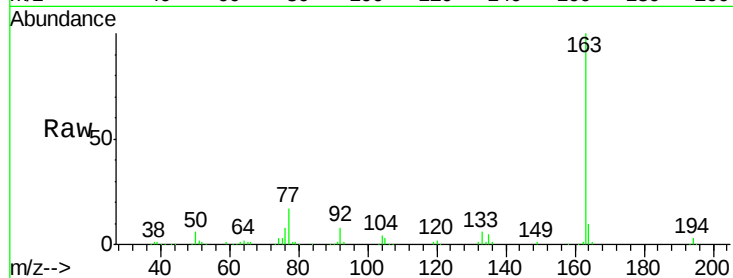
Tgt Ion:163 Resp: 264573

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

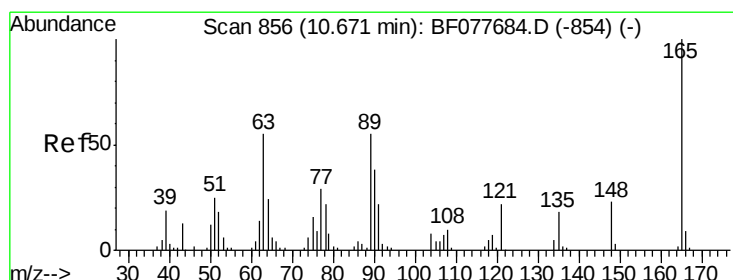
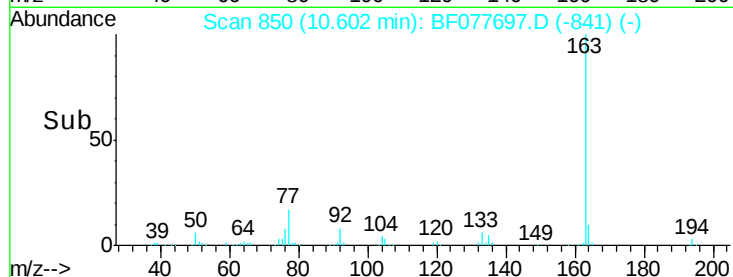
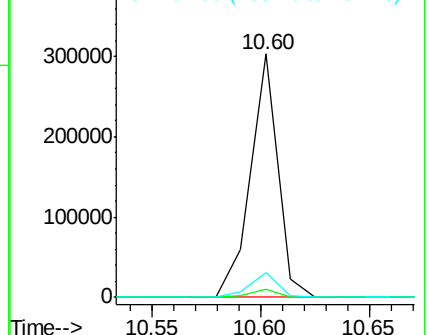
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 31.22 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

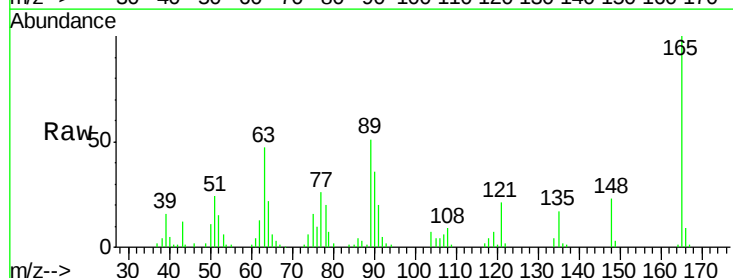
Tgt Ion:165 Resp: 54873

Ion Ratio Lower Upper

165 100

63 47.0 44.1 66.1

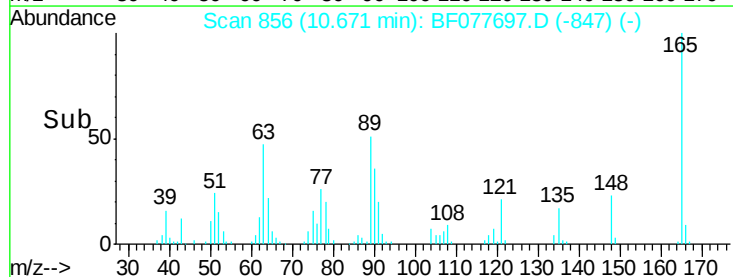
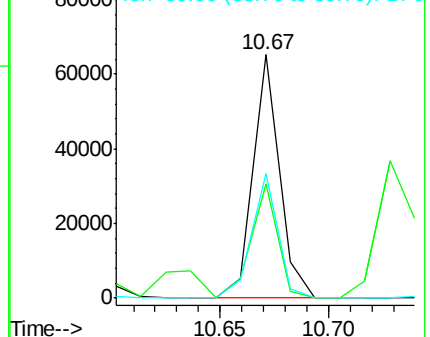
89 51.2 44.3 66.5

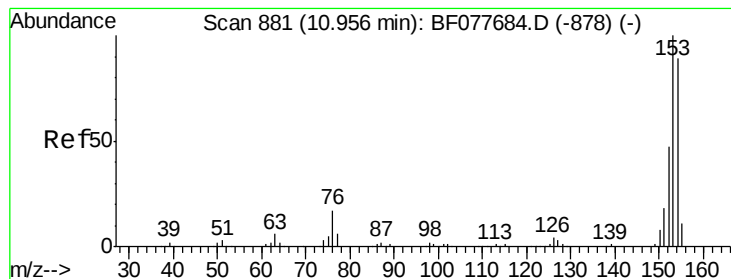


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.29 ng

RT: 10.96 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

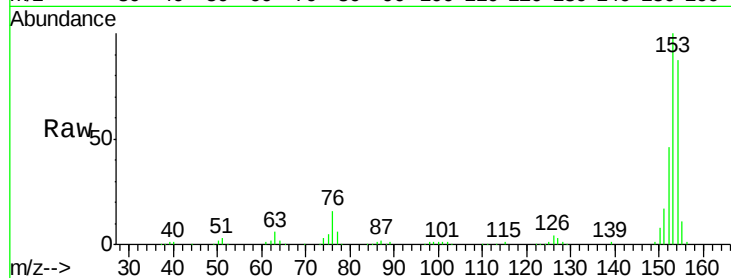
Tgt Ion:154 Resp: 193282

Ion Ratio Lower Upper

154 100

153 115.2 90.0 135.0

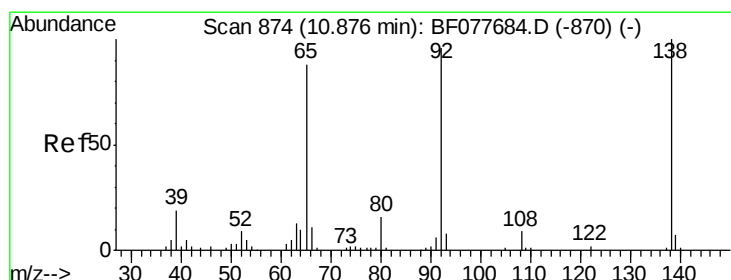
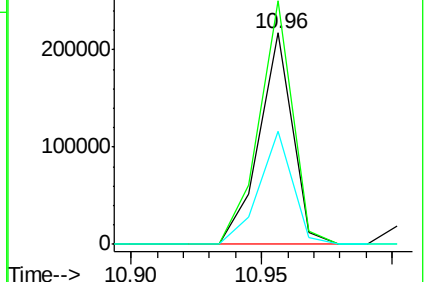
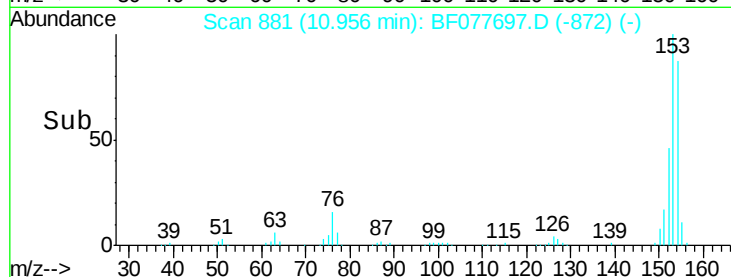
152 53.3 42.6 63.8



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: 25.48 ng

RT: 10.88 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

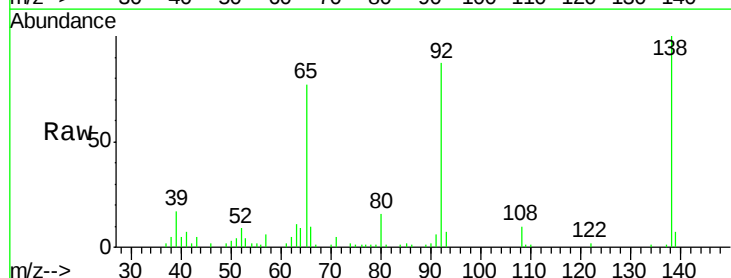
Tgt Ion:138 Resp: 52014

Ion Ratio Lower Upper

138 100

108 9.5 7.3 10.9

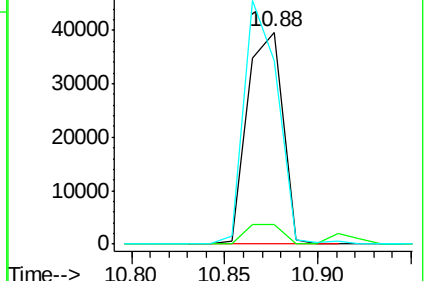
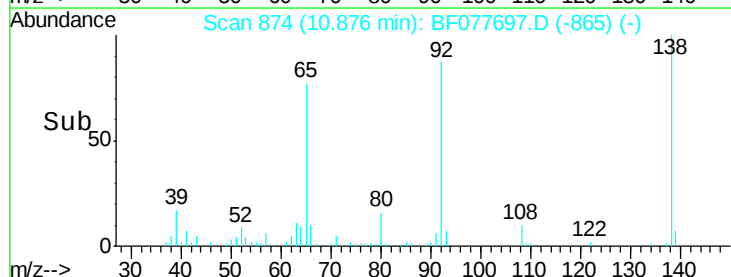
92 86.7 76.6 114.8

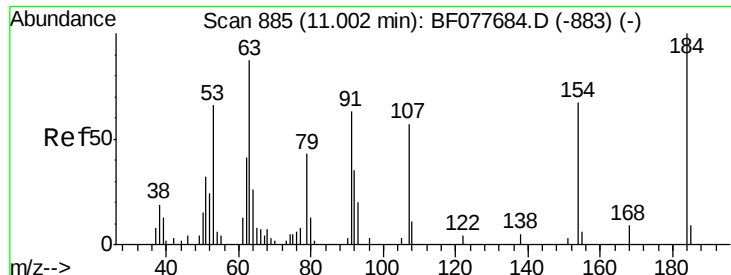


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

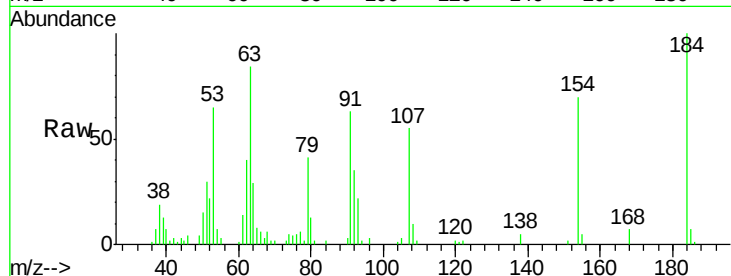




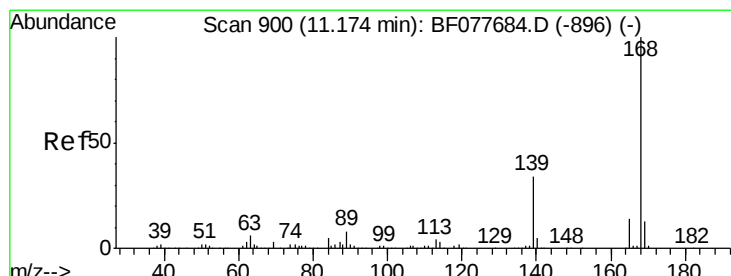
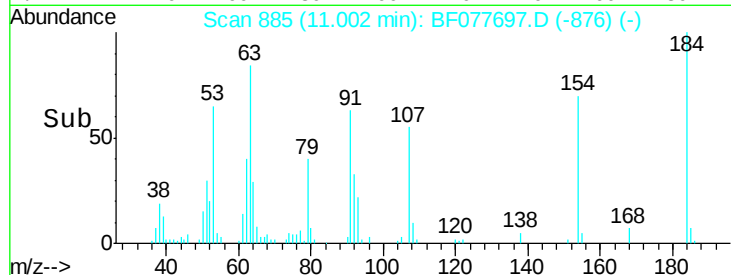
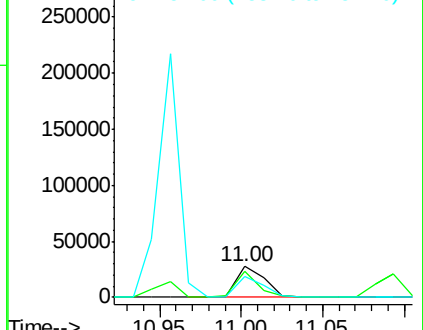
#53
2,4-Dinitrophenol
Concen: 54.62 ng
RT: 11.00 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion:184 Resp: 33432
Ion Ratio Lower Upper
184 100
63 83.8 69.2 103.8
154 69.6 53.3 79.9

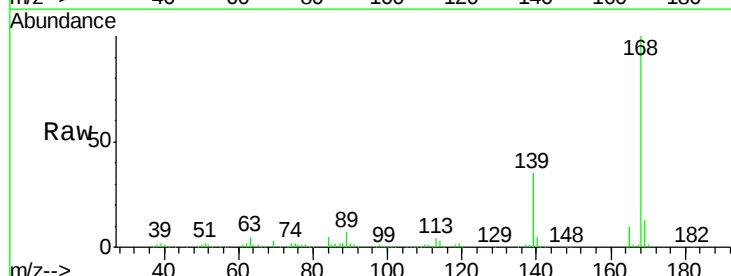


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

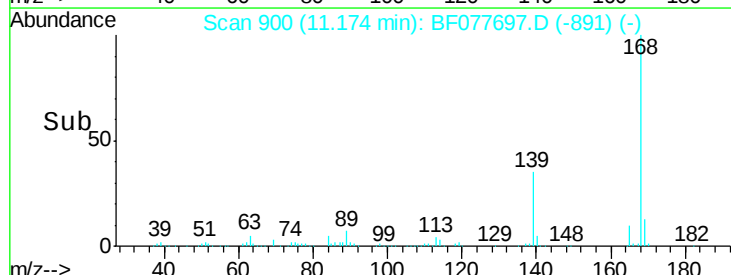
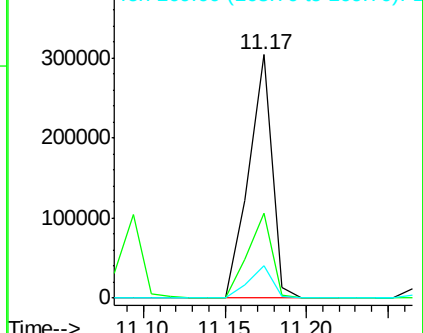


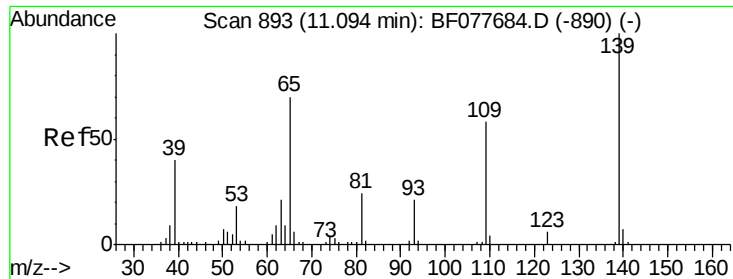
#54
Dibenzofuran
Concen: 28.84 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:168 Resp: 302936
Ion Ratio Lower Upper
168 100
139 34.7 27.3 40.9
169 13.3 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

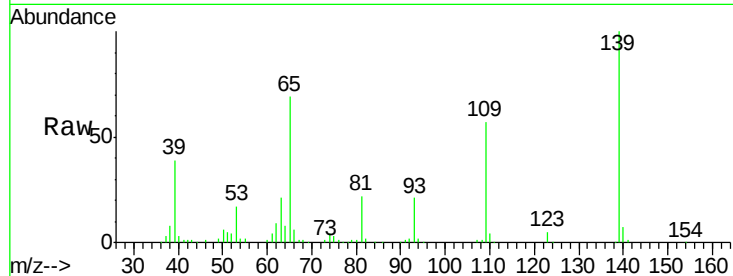




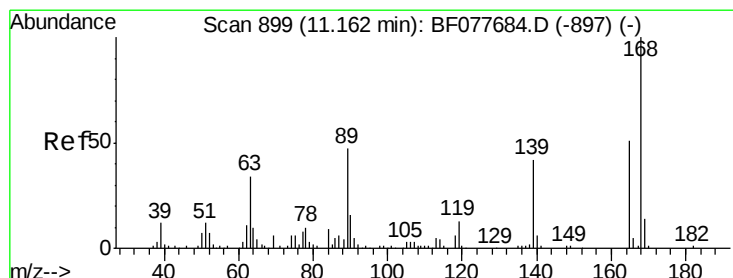
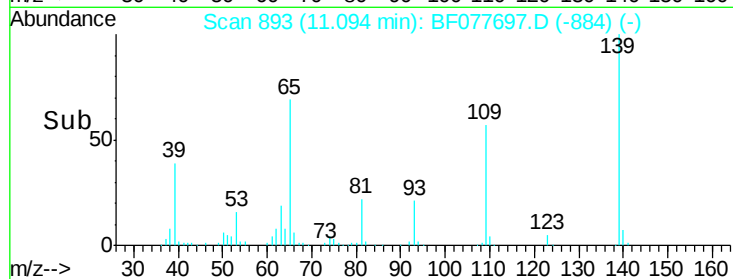
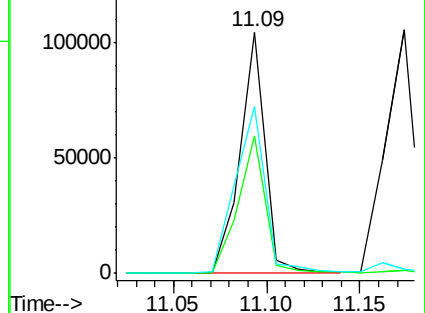
#55
4-Nitrophenol
Concen: 65.37 ng
RT: 11.09 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion:139 Resp: 98852
Ion Ratio Lower Upper
139 100
109 57.1 37.7 77.7
65 69.1 49.9 89.9

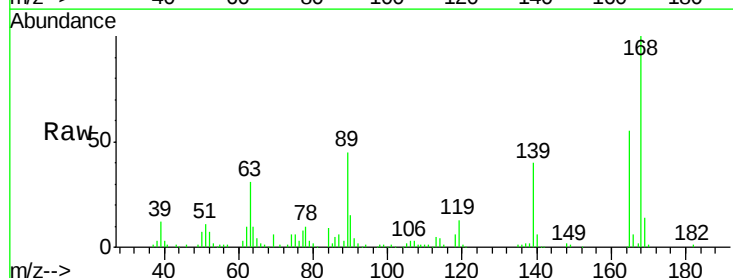


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

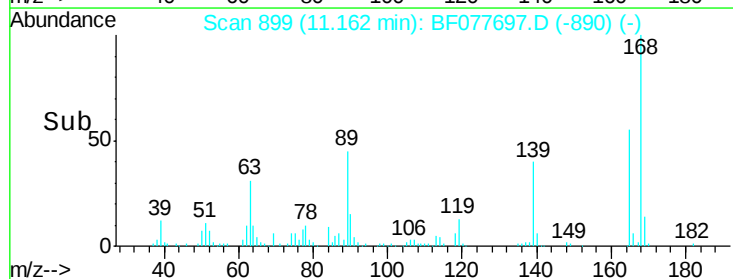
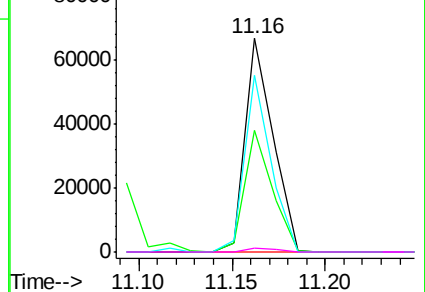


#56
2,4-Dinitrotoluene
Concen: 30.33 ng
RT: 11.16 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:165 Resp: 69525
Ion Ratio Lower Upper
165 100
63 57.0 52.4 78.6
89 82.5 72.4 108.6
182 1.9 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.21 ng

RT: 11.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

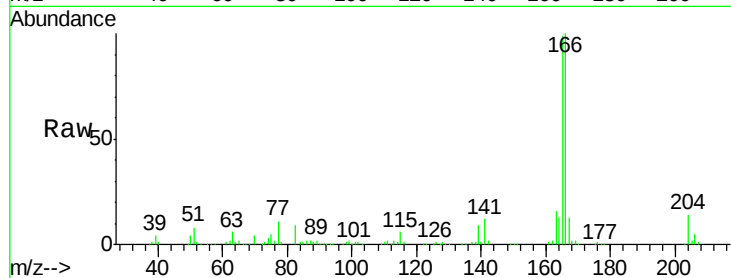
Tgt Ion:166 Resp: 246016

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.4

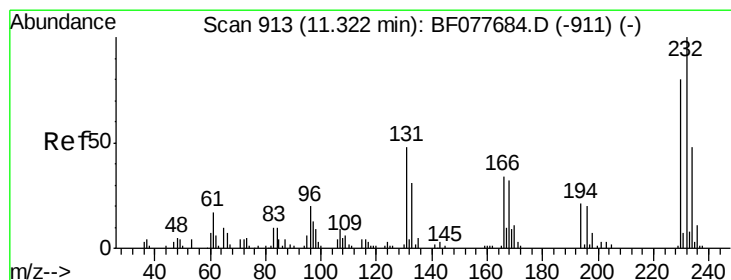
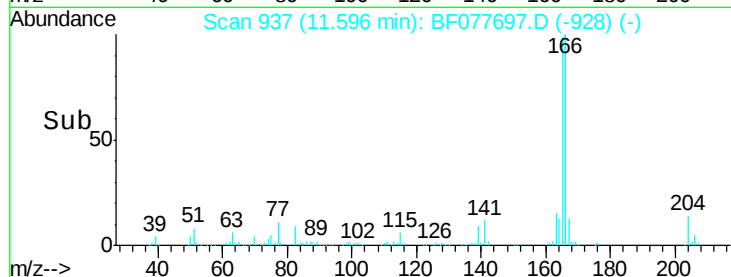
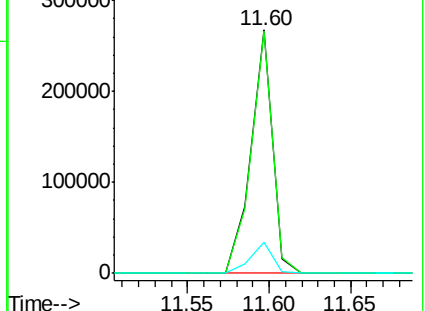
167 13.0 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.15 ng

RT: 11.32 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Tgt Ion:232 Resp: 61199

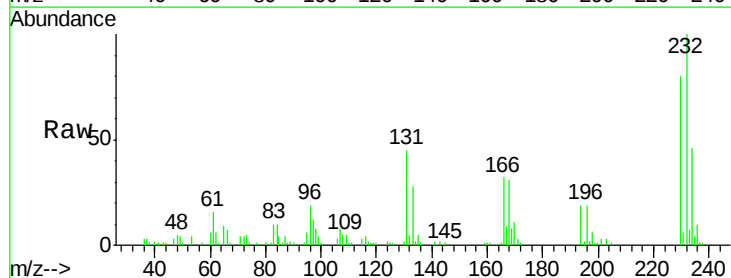
Ion Ratio Lower Upper

232 100

131 43.5 0.0 0.0#

130 1.8 0.0 0.0#

166 31.8 0.0 0.0#

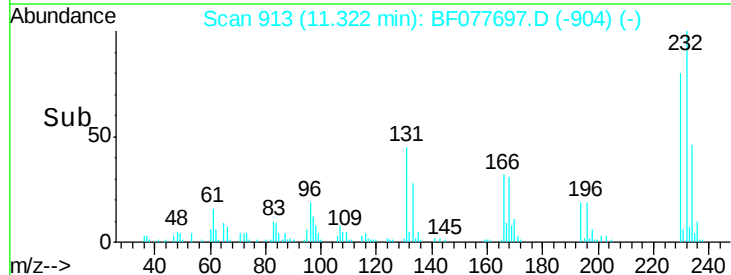
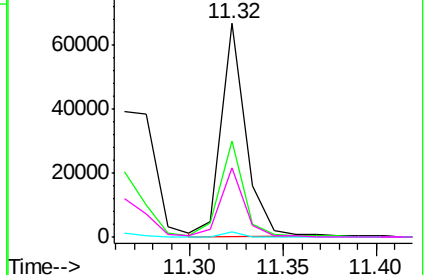


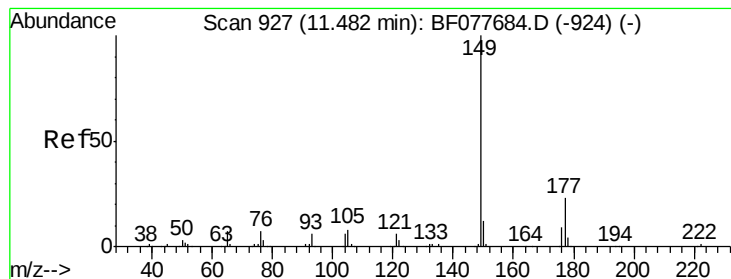
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 29.29 ng

RT: 11.48 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

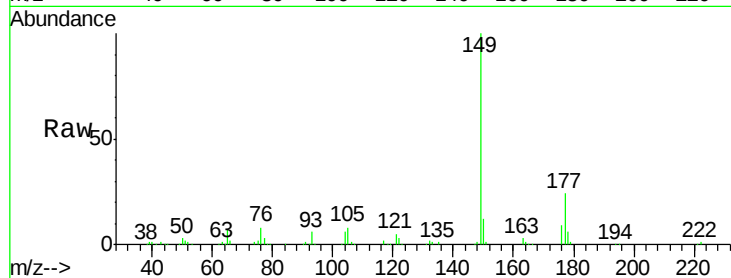
Tgt Ion:149 Resp: 241993

Ion Ratio Lower Upper

149 100

177 24.0 18.3 27.5

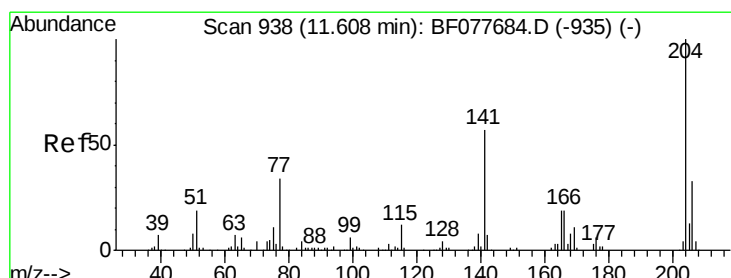
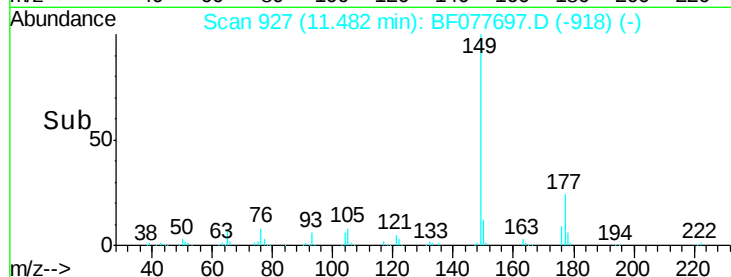
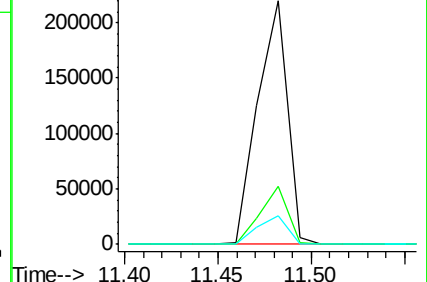
150 11.9 9.8 14.8



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: 28.36 ng

RT: 11.61 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

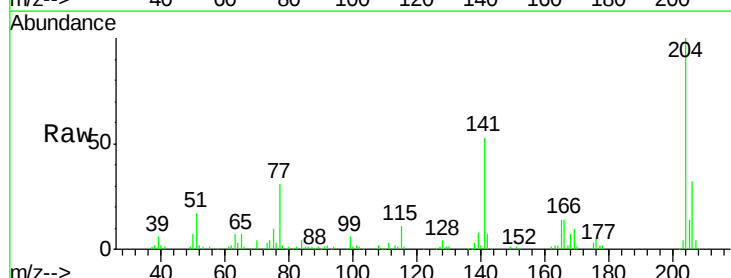
Tgt Ion:204 Resp: 112879

Ion Ratio Lower Upper

204 100

206 32.2 26.6 39.8

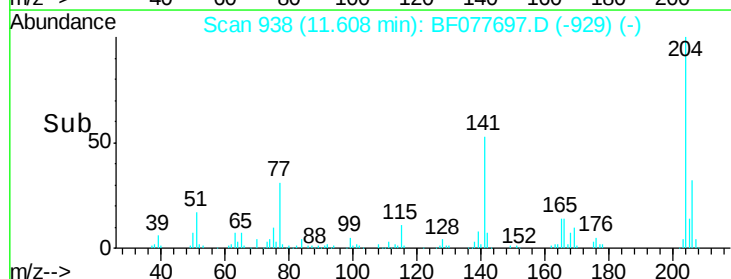
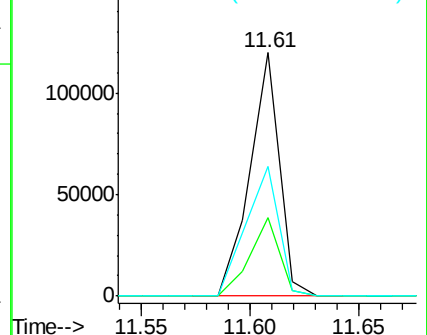
141 53.1 45.2 67.8

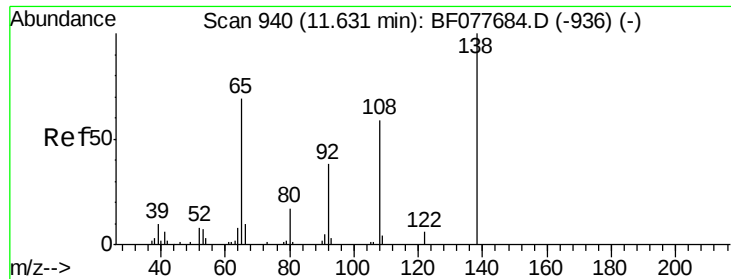


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

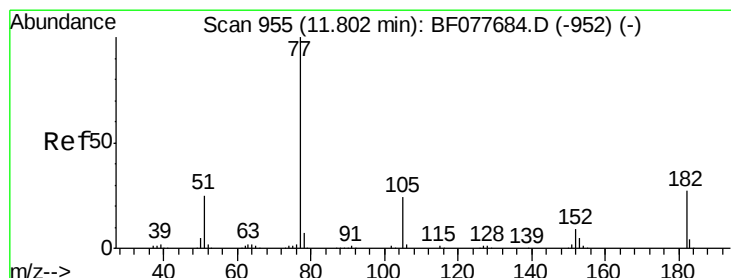
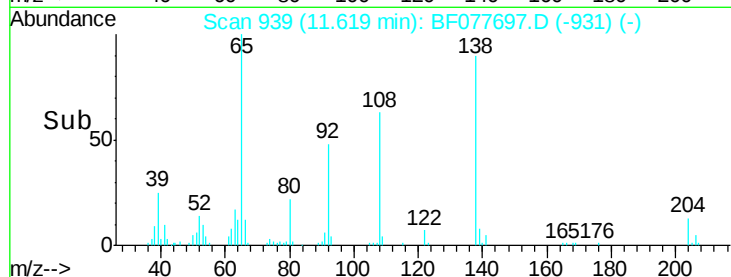
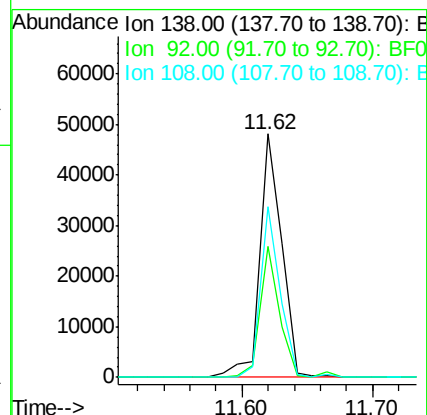
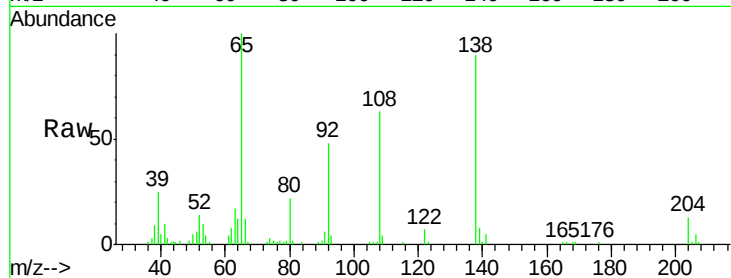




#61
4-Nitroaniline
Concen: 27.81 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

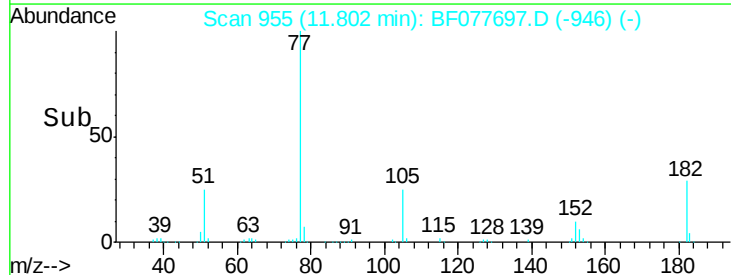
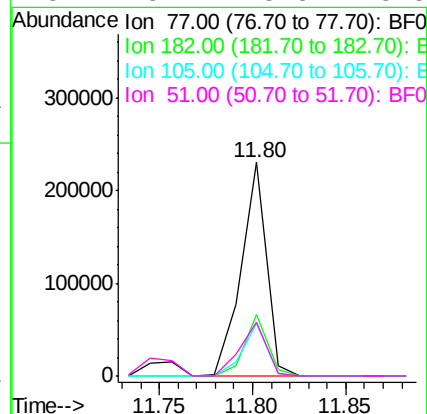
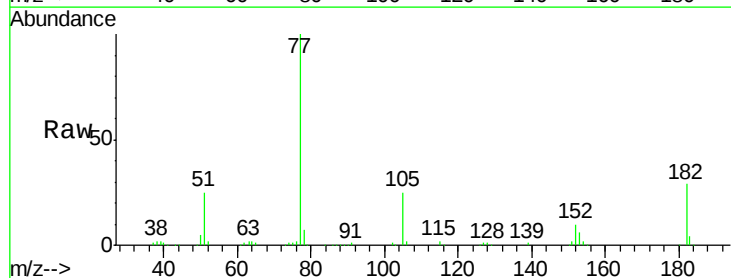
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion: 138 Resp: 56570
Ion Ratio Lower Upper
138 100
92 53.5 16.7 56.7
108 69.9 37.6 77.6



#62
Azobenzene
Concen: 27.86 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion: 77 Resp: 219959
Ion Ratio Lower Upper
77 100
182 28.7 6.5 46.5
105 24.6 3.8 43.8
51 25.1 5.5 45.5

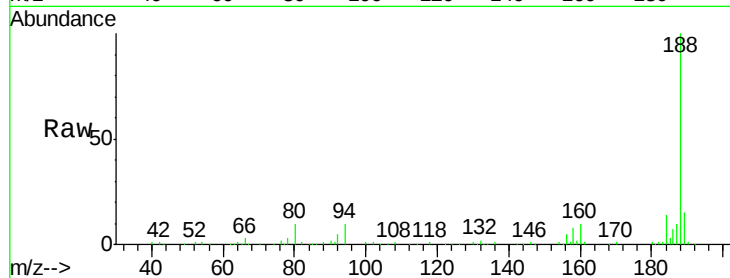




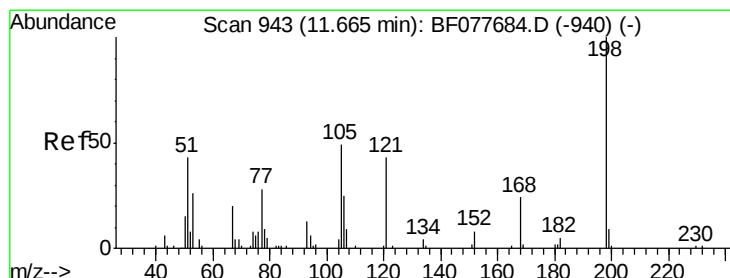
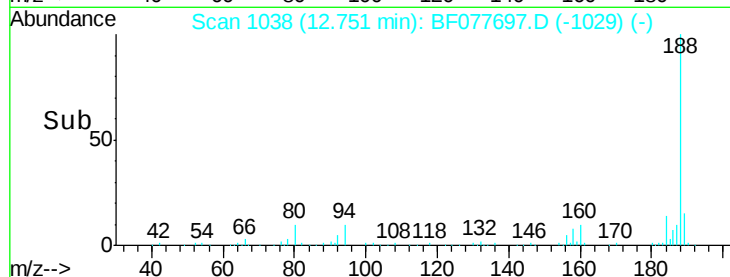
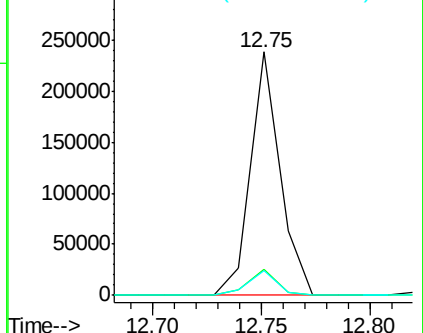
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion:188 Resp: 225195
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 10.2 9.3 13.9

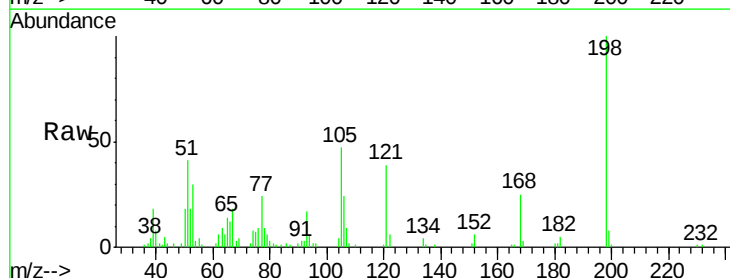


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

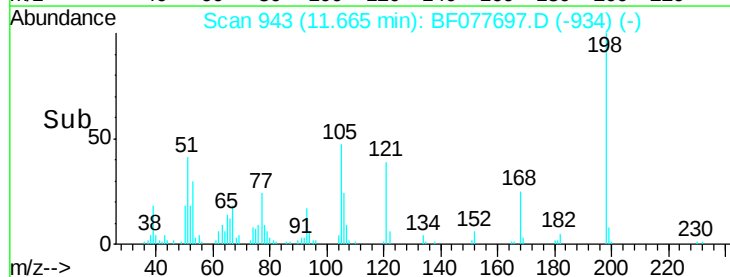
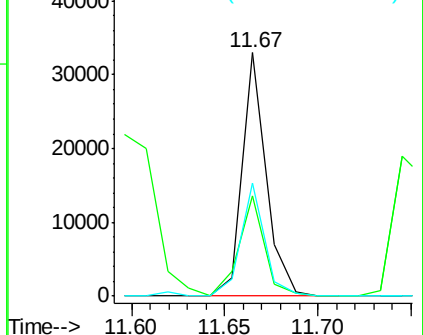


#64
4,6-Dinitro-2-methylphenol
Concen: 29.53 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:198 Resp: 29473
Ion Ratio Lower Upper
198 100
51 41.3 28.8 68.8
105 46.6 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

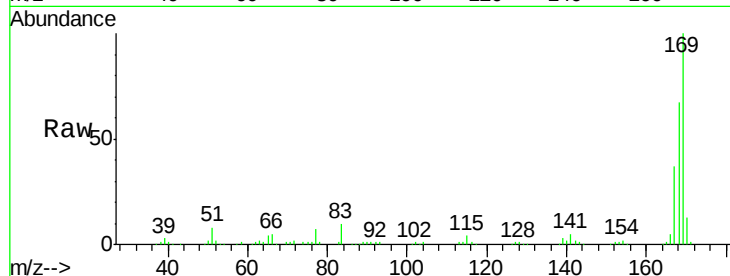




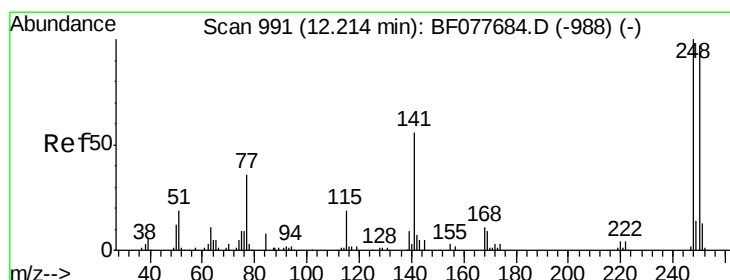
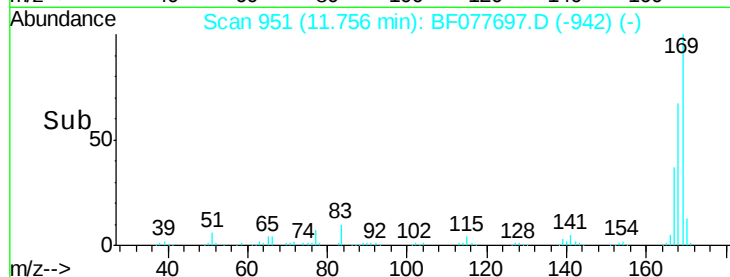
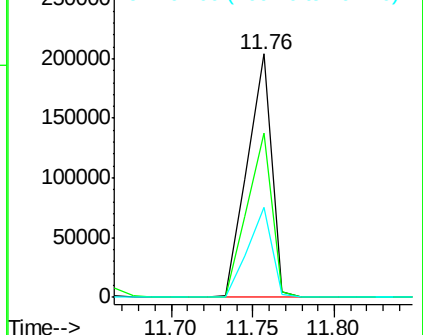
#65
 n-Nitrosodiphenylamine
 Concen: 28.35 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion:169 Resp: 212565
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.9 80.9
 167 36.9 28.9 43.3

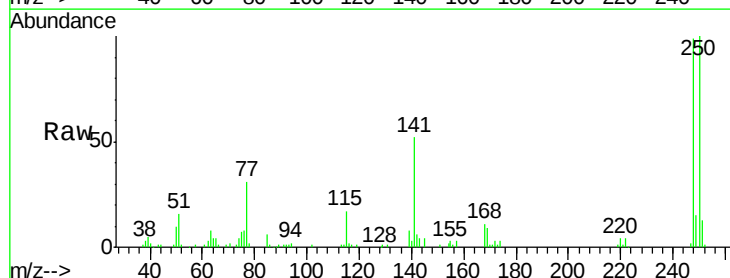


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

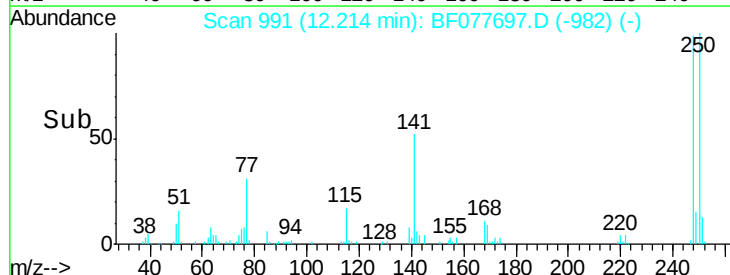
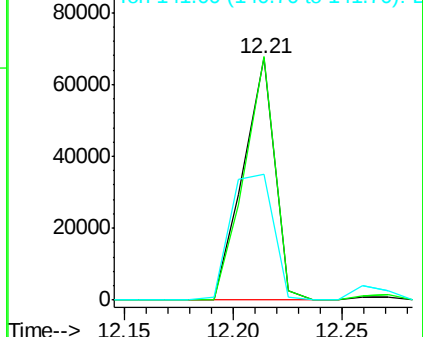


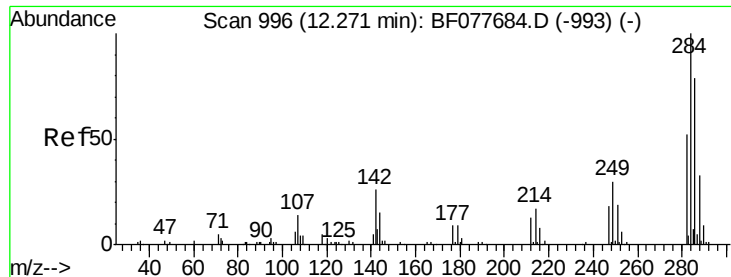
#66
 4-Bromophenyl-phenylether
 Concen: 28.26 ng
 RT: 12.21 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion:248 Resp: 67917
 Ion Ratio Lower Upper
 248 100
 250 100.7 77.4 116.0
 141 52.0 45.2 67.8



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

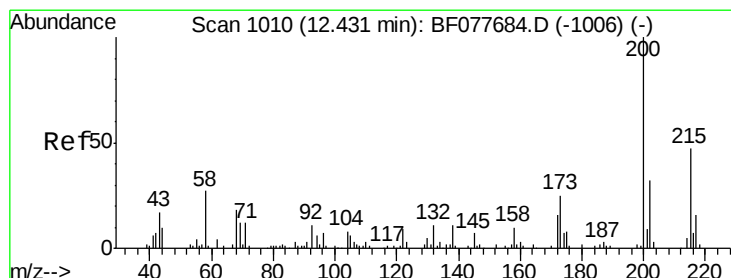
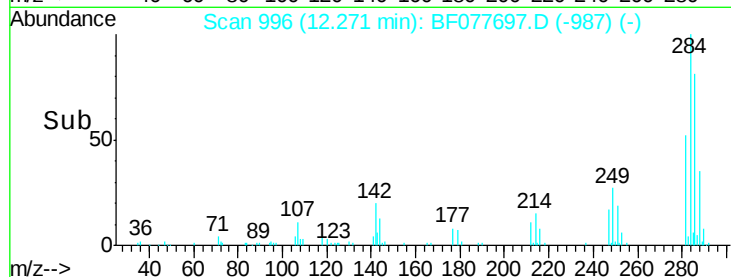
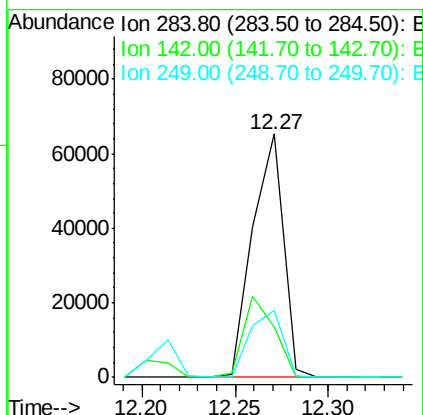
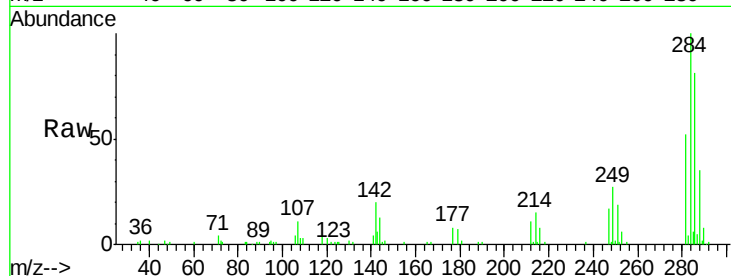




#67
Hexachlorobenzene
Concen: 28.13 ng
RT: 12.27 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

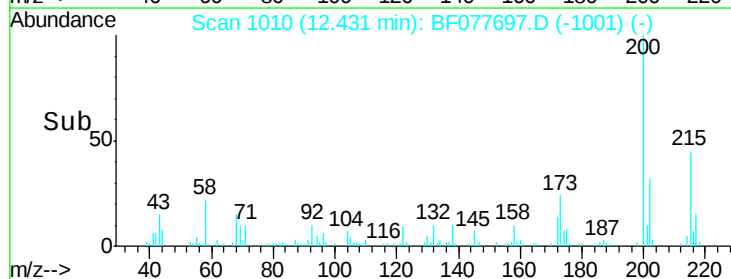
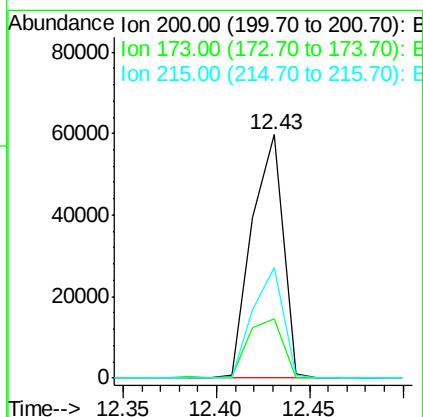
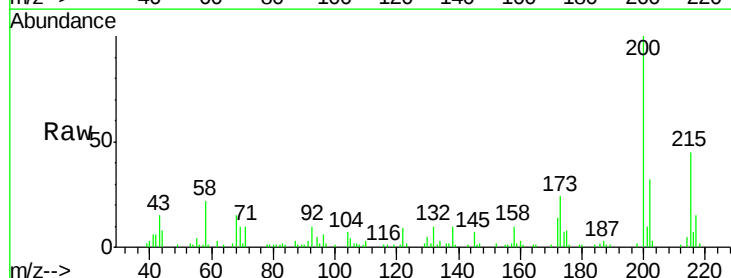
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

Tgt Ion: 284 Resp: 74282
Ion Ratio Lower Upper
284 100
142 20.4 20.4 30.6
249 27.4 23.8 35.6



#68
Atrazine
Concen: 32.95 ng
RT: 12.43 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion: 200 Resp: 69241
Ion Ratio Lower Upper
200 100
173 24.4 4.8 44.8
215 45.5 26.9 66.9

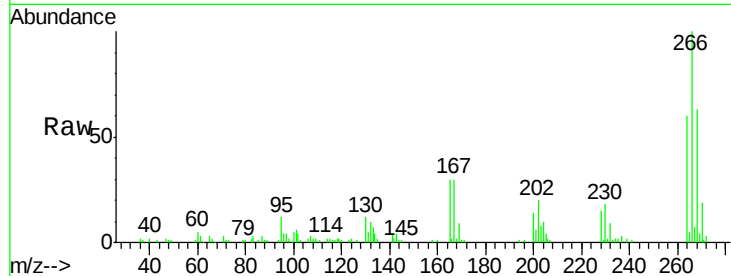




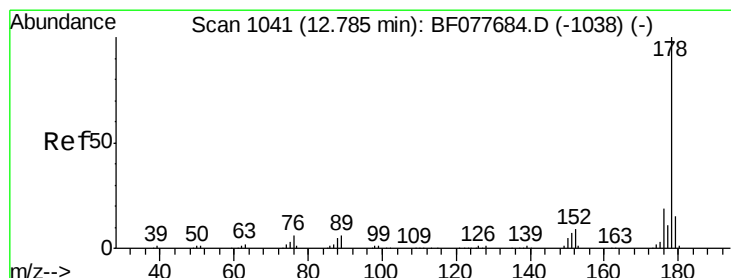
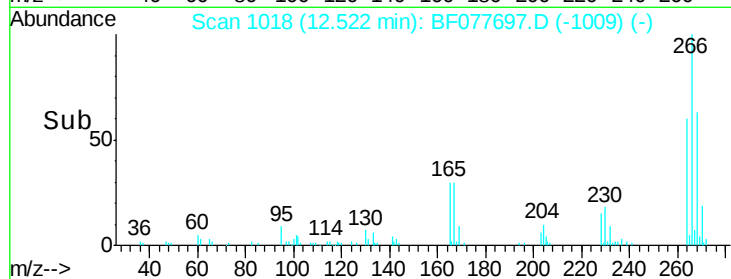
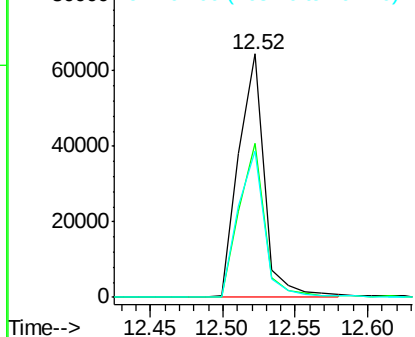
#69
 Pentachlorophenol
 Concen: 58.71 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion:266 Resp: 80024
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.0 78.0
 264 60.3 49.0 73.4

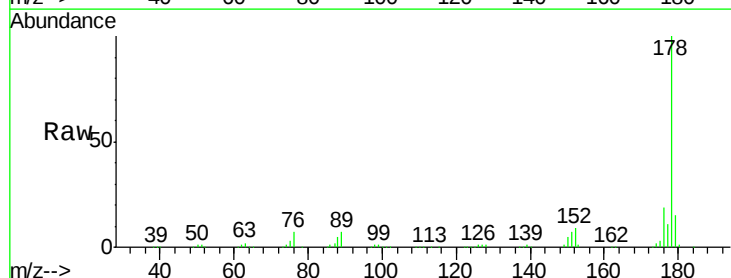


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

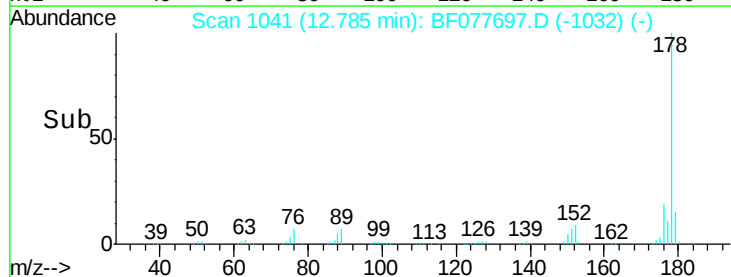
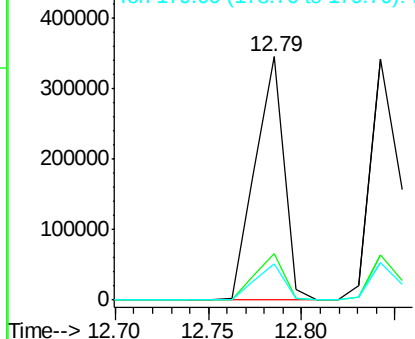


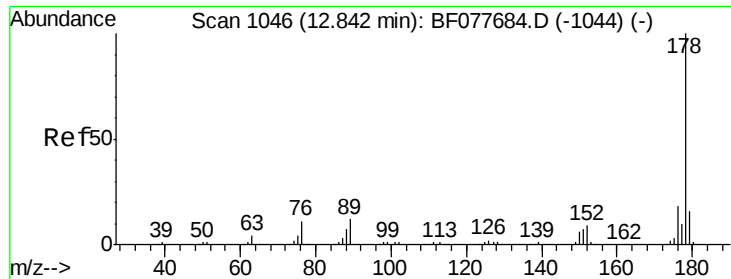
#70
 Phenanthrene
 Concen: 28.42 ng
 RT: 12.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion:178 Resp: 367465
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.0 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

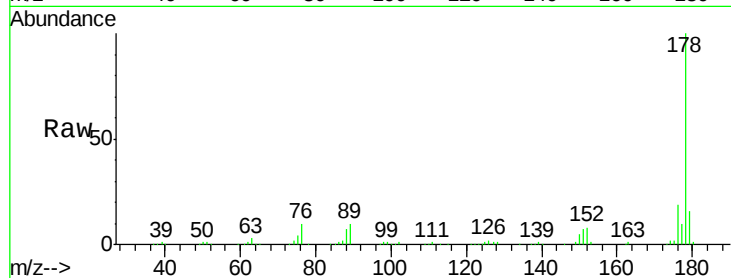




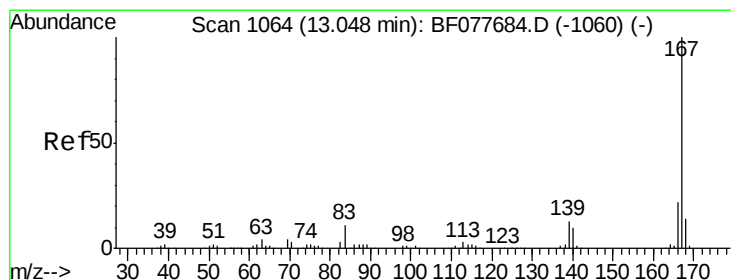
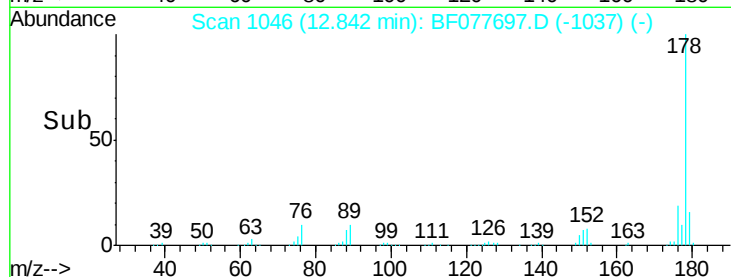
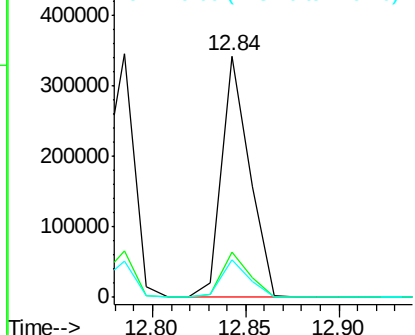
#71
 Anthracene
 Concen: 28.10 ng
 RT: 12.84 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion:178 Resp: 358924
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.6 12.6 19.0

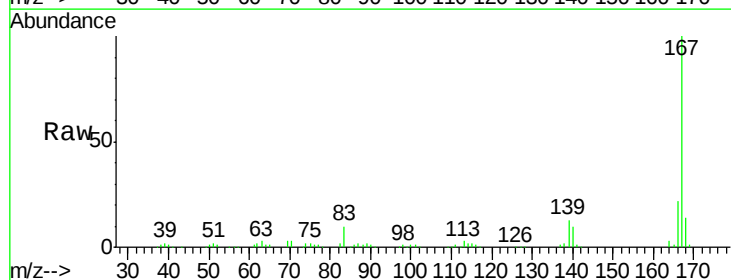


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

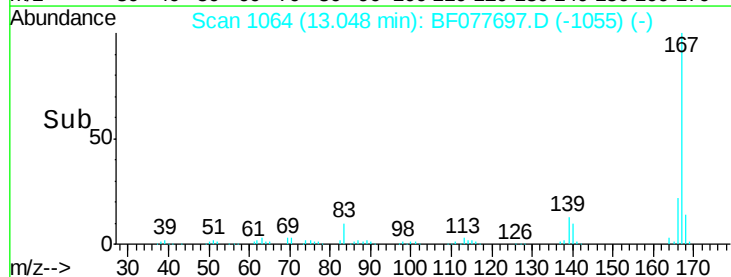
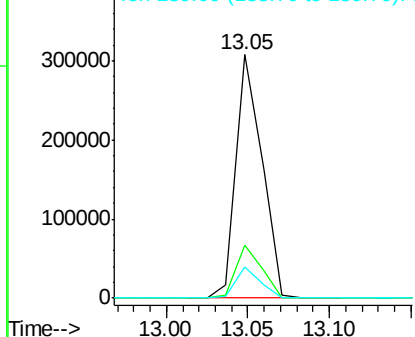


#72
 Carbazole
 Concen: 27.82 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion:167 Resp: 337950
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.0 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

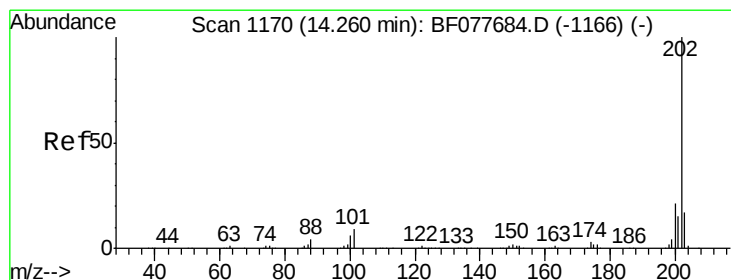
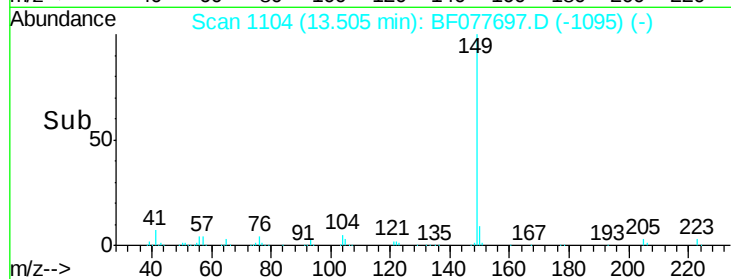
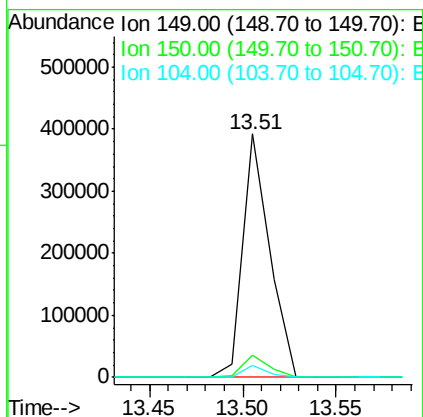
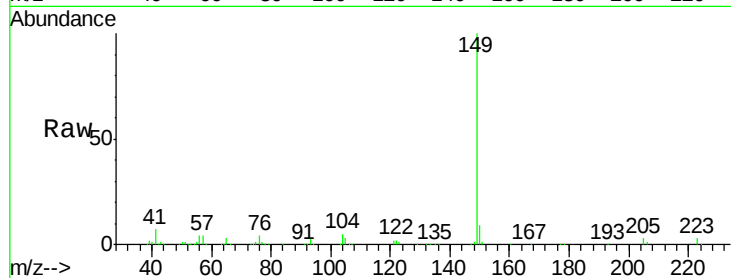




#73
Di-n-butylphthalate
Concen: 28.82 ng
RT: 13.51 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

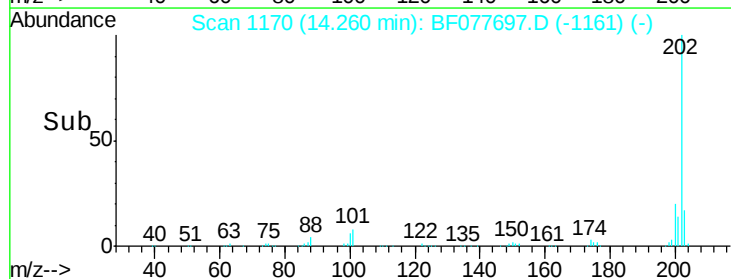
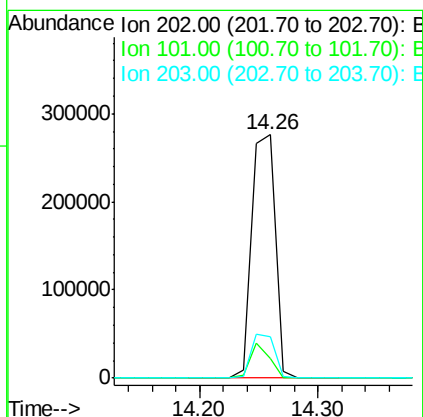
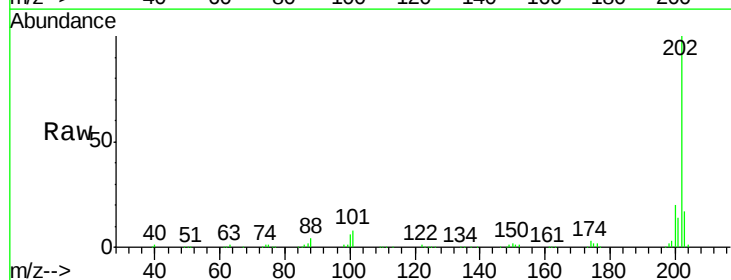
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

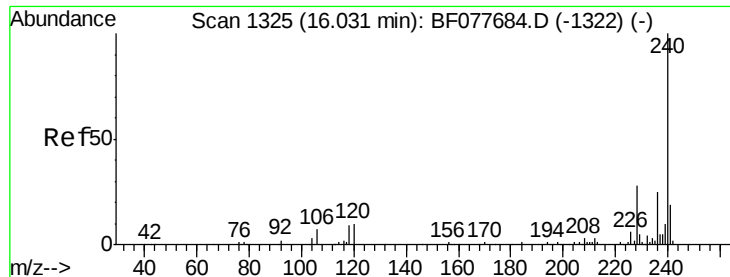
Tgt Ion:149 Resp: 392584
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 4.7 3.7 5.5



#74
Fluoranthene
Concen: 27.14 ng
RT: 14.26 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:202 Resp: 386963
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 16.9 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

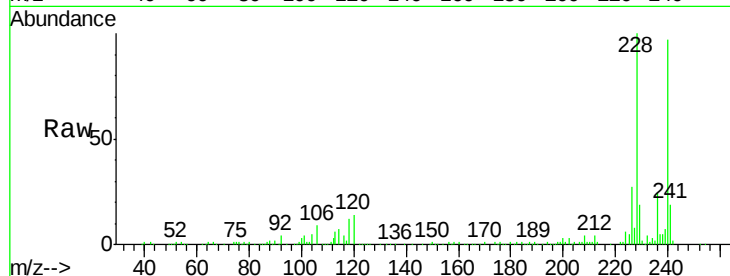
Tgt Ion:240 Resp: 234768

Ion Ratio Lower Upper

240 100

120 14.0 8.2 12.2#

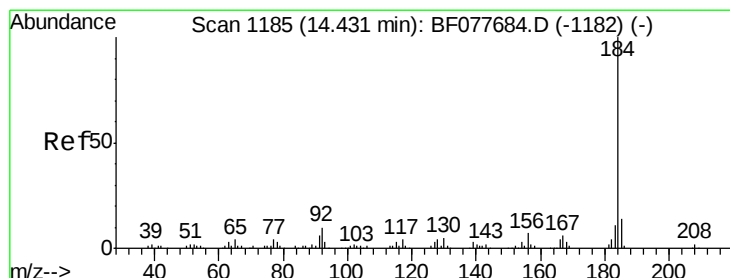
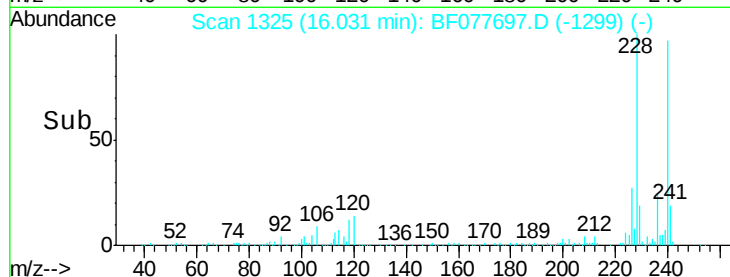
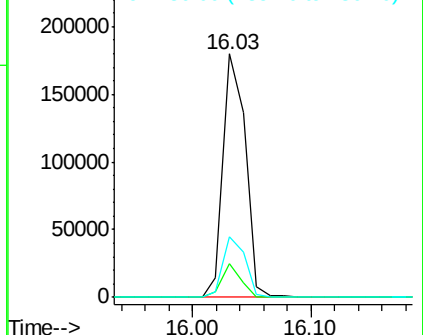
236 24.7 20.0 30.0



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: 29.86 ng

RT: 14.43 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

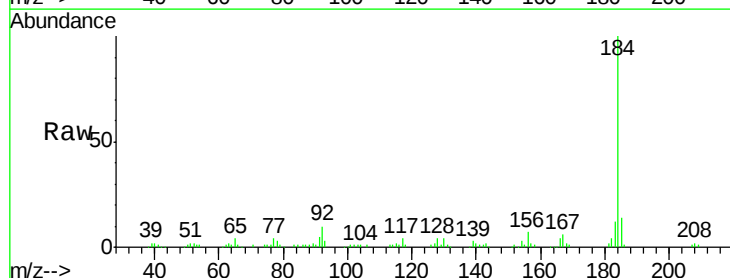
Tgt Ion:184 Resp: 174105

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

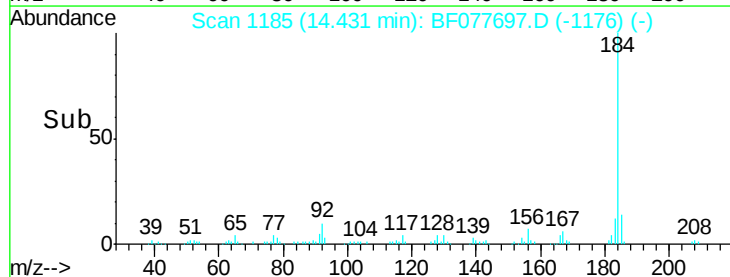
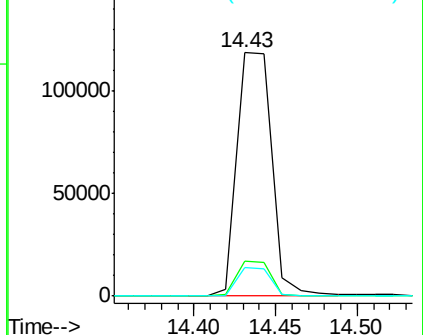
183 11.5 8.9 13.3

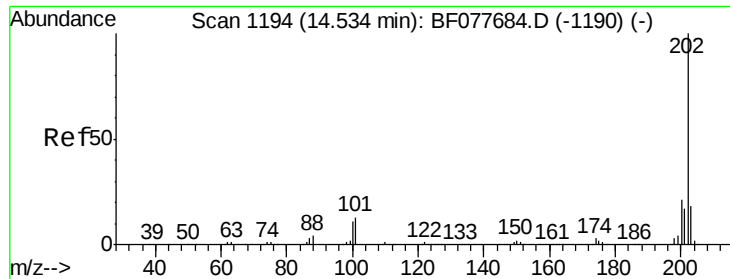


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

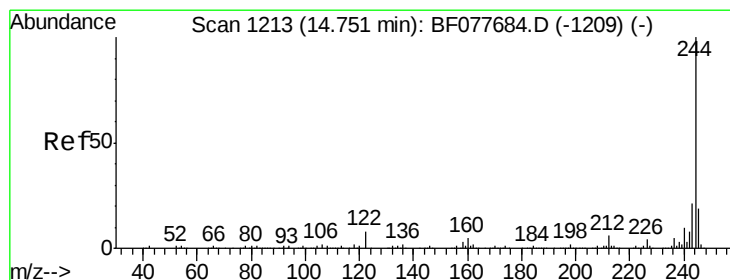
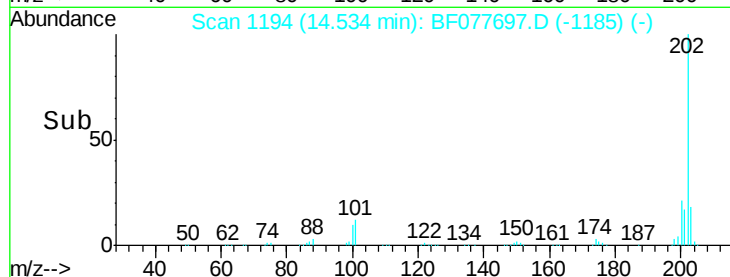
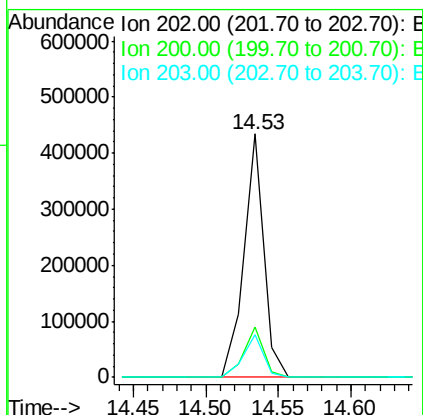
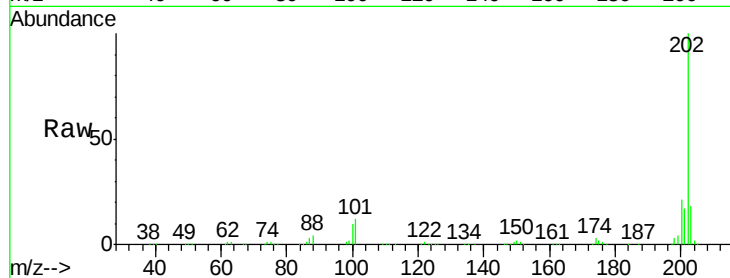




#77
 Pyrene
 Concen: 28.08 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

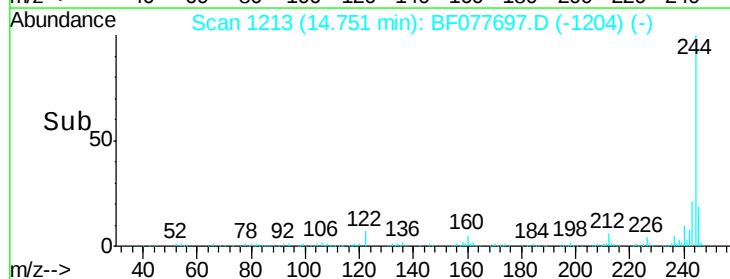
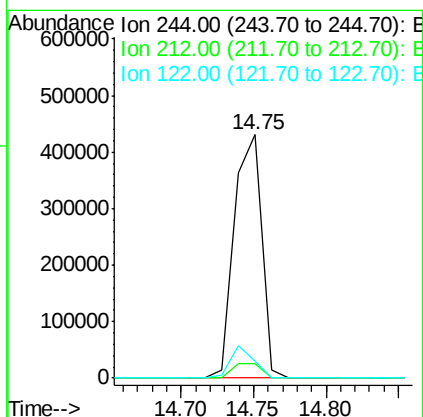
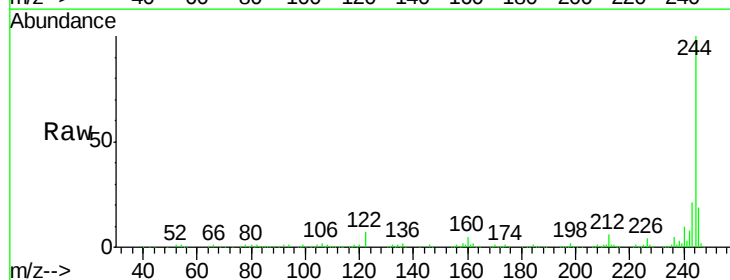
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion: 202 Resp: 414513
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.9 25.3
 203 17.8 14.1 21.1



#78
 Terphenyl-d14
 Concen: 58.78 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion: 244 Resp: 564929
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.9 7.3
 122 7.1 6.2 9.4

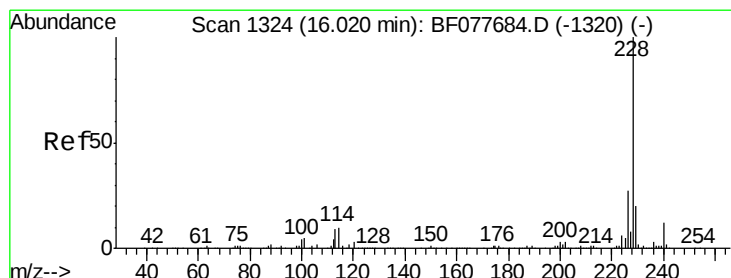
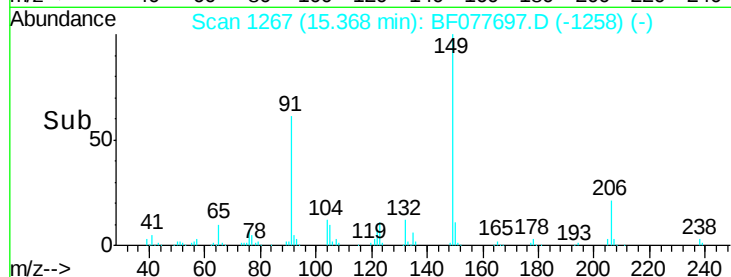
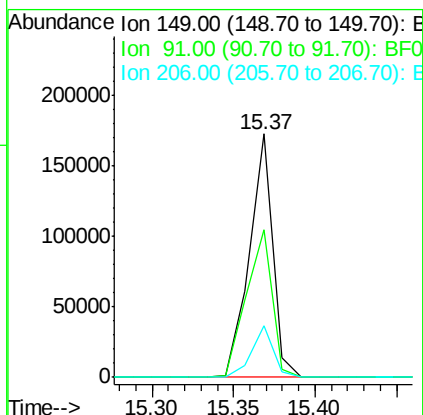
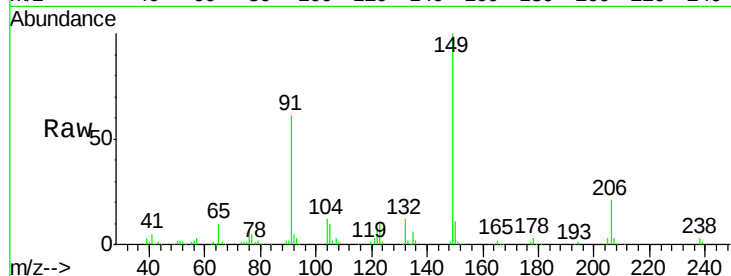




#79
Butylbenzylphthalate
Concen: 29.31 ng
RT: 15.37 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

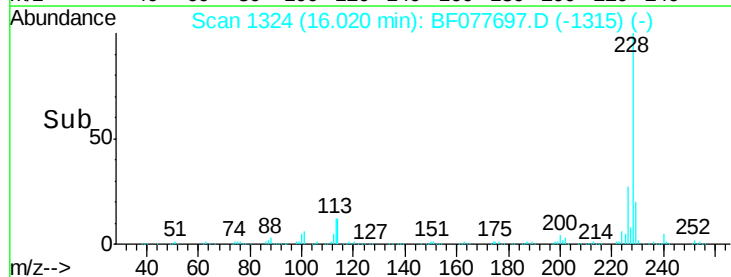
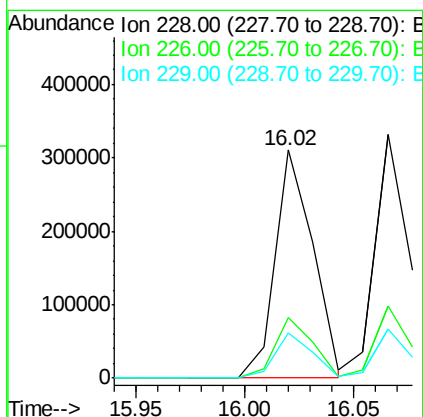
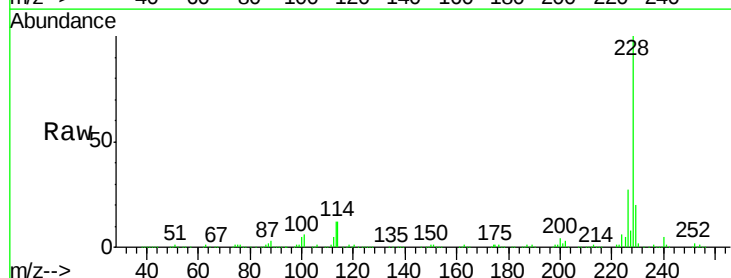
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

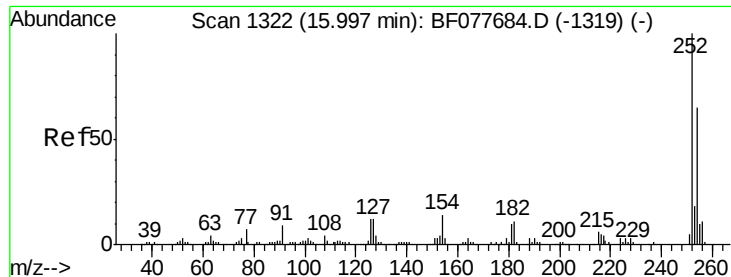
Tgt Ion:149 Resp: 170578
Ion Ratio Lower Upper
149 100
91 60.7 50.1 75.1
206 21.0 16.2 24.2



#80
Benzo(a)anthracene
Concen: 27.10 ng
RT: 16.02 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion:228 Resp: 377195
Ion Ratio Lower Upper
228 100
226 26.5 21.7 32.5
229 19.9 16.0 24.0

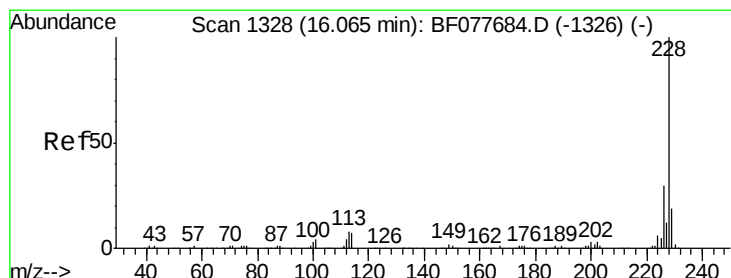
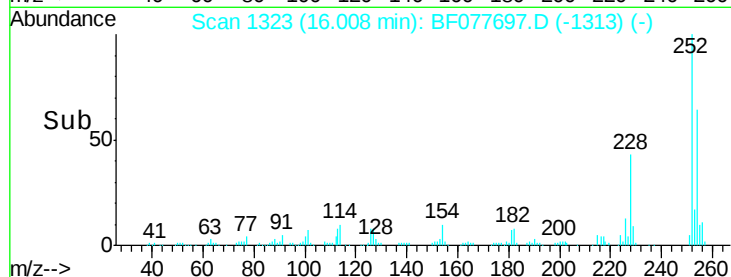
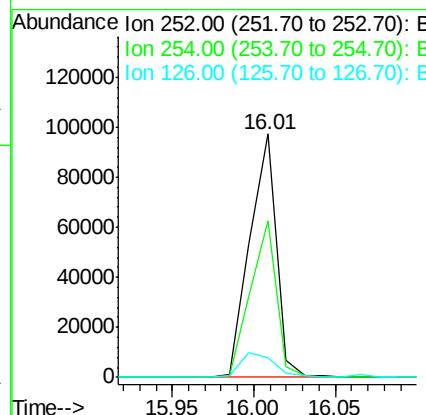
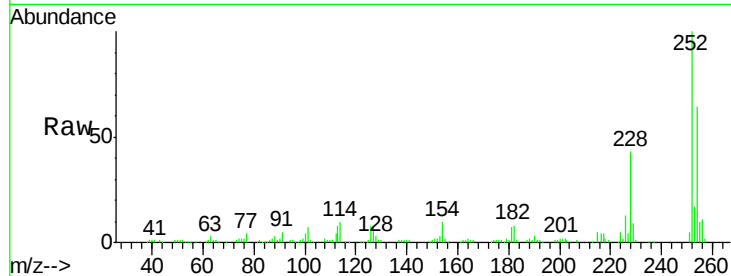




#81
 3,3'-Dichlorobenzidine
 Concen: 24.01 ng
 RT: 16.01 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

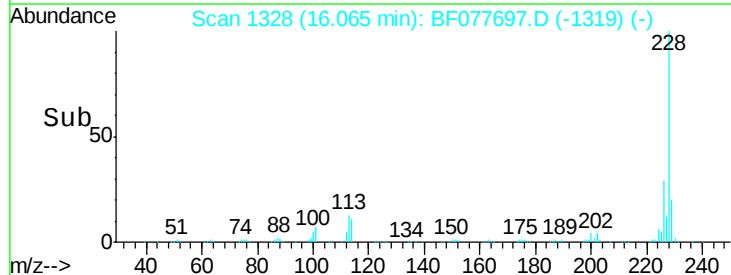
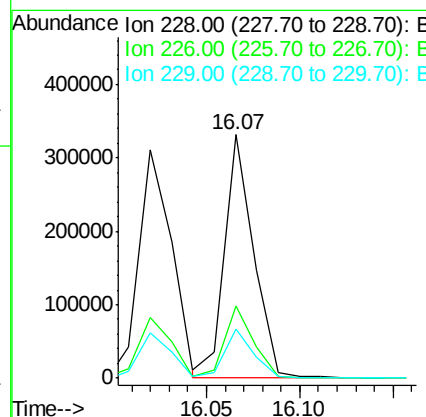
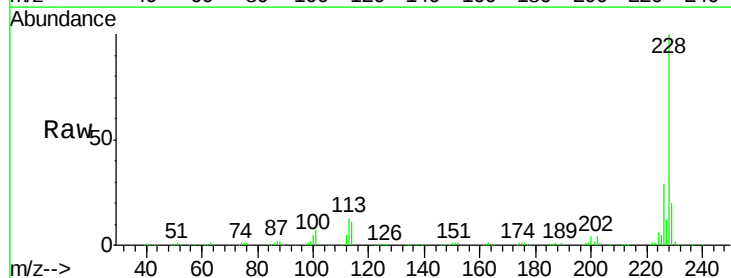
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-012-AMS

Tgt Ion:252 Resp: 110229
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.9 77.9
 126 7.9 9.8 14.8#



#82
 Chrysene
 Concen: 28.60 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077697.D
 Acq: 11 Mar 2015 20:00

Tgt Ion:228 Resp: 357833
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.1 36.1
 229 20.0 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.16 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

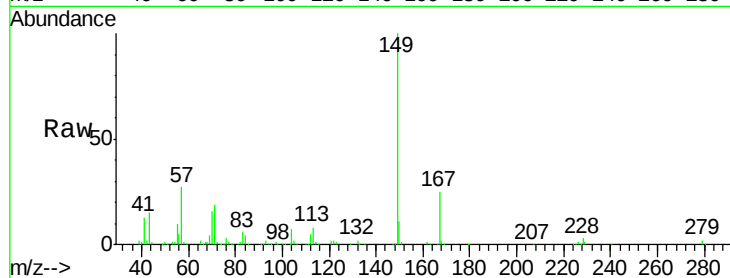
Tgt Ion:149 Resp: 257078

Ion Ratio Lower Upper

149 100

167 25.4 22.4 33.6

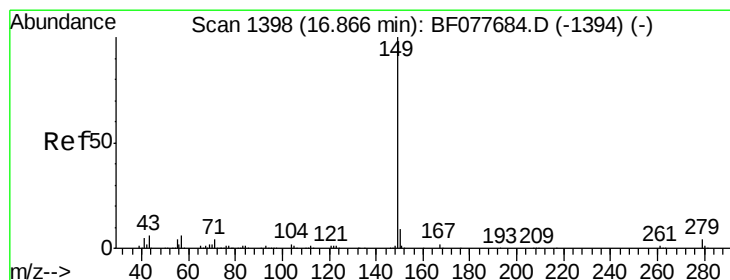
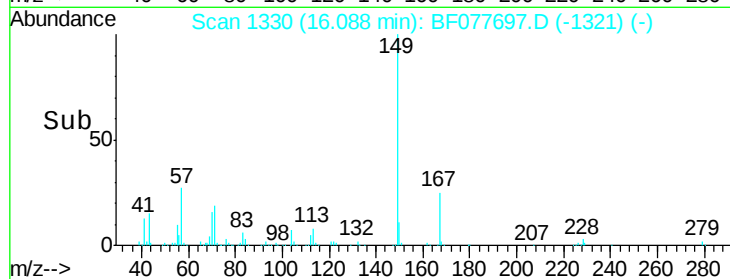
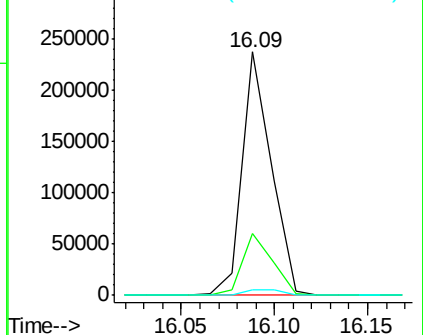
279 2.5 3.4 5.0#



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: 28.39 ng

RT: 16.89 min Scan# 1400

Delta R.T. 0.02 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

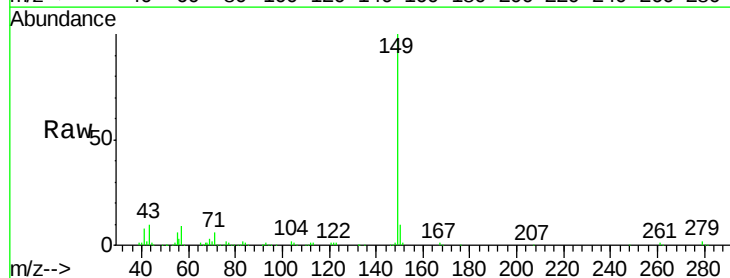
Tgt Ion:149 Resp: 428032

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

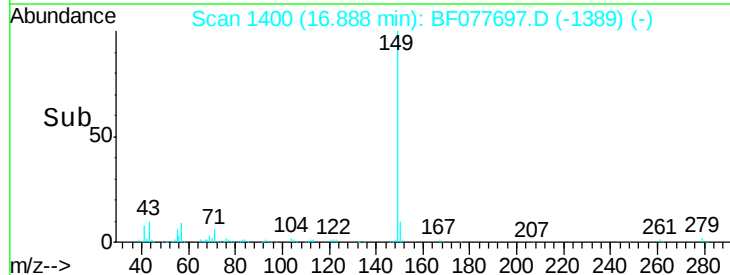
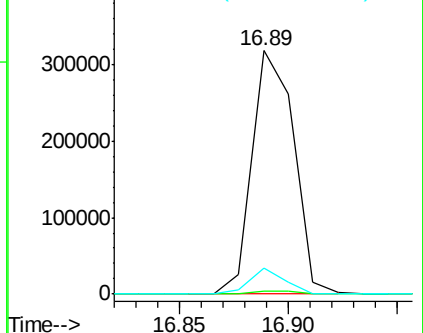
43 8.7 7.3 10.9

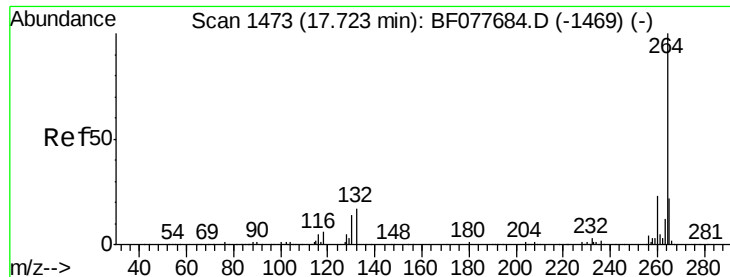


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

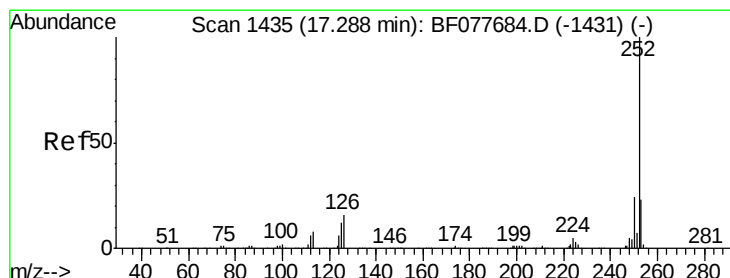
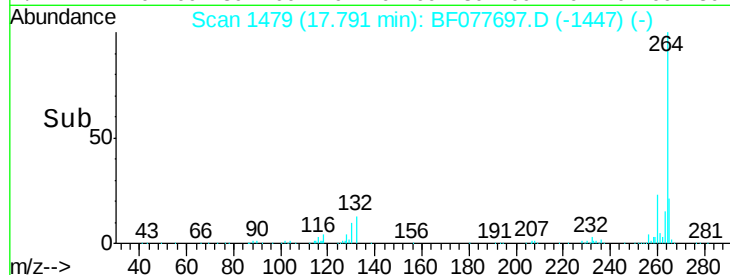
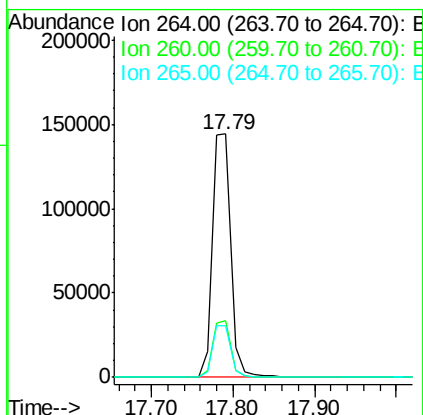
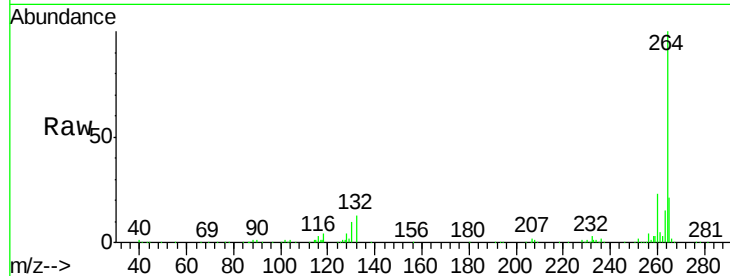




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1479
Delta R.T. 0.07 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

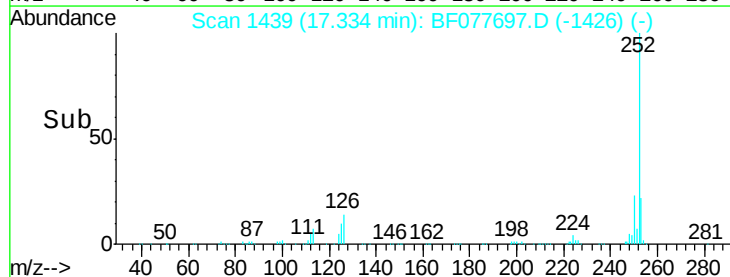
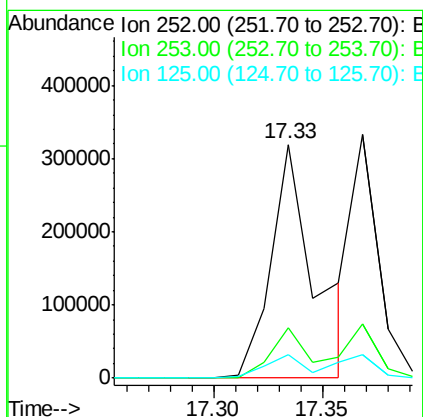
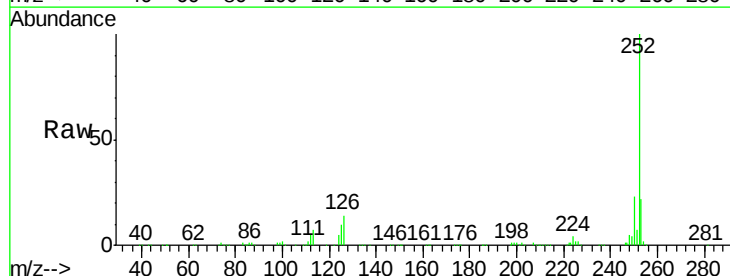
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-012-AMS

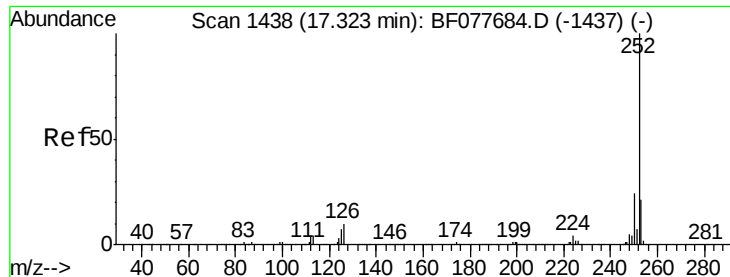
Tgt Ion: 264 Resp: 226528
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.1 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 30.56 ng
RT: 17.33 min Scan# 1439
Delta R.T. 0.05 min
Lab File: BF077697.D
Acq: 11 Mar 2015 20:00

Tgt Ion: 252 Resp: 451866
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.3 9.9 14.9





#88

Benzo(k)fluoranthene

Concen: 37.70 ng

RT: 17.33 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

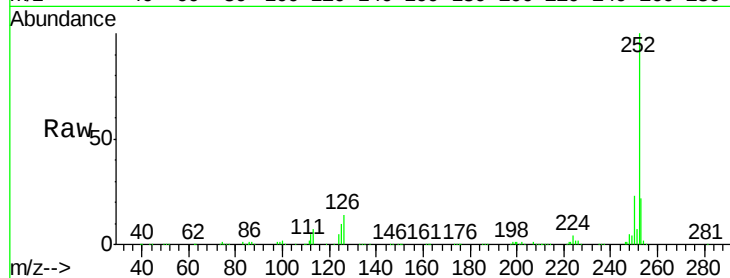
Tgt Ion:252 Resp: 435487

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

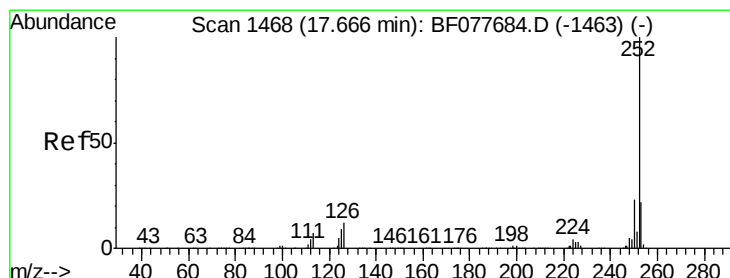
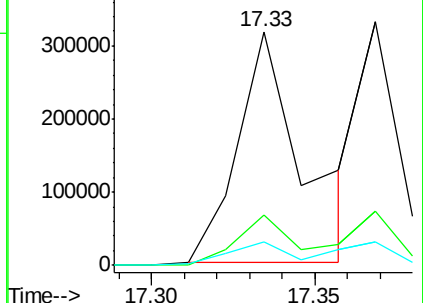
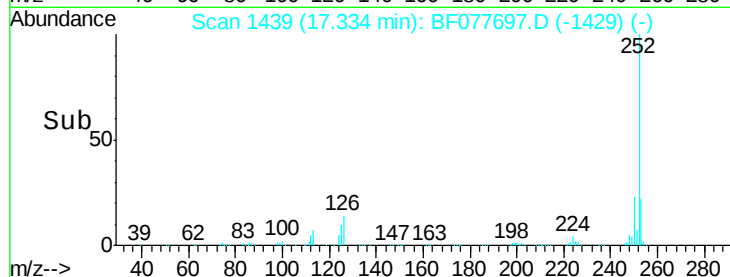
125 10.3 8.1 12.1



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: 29.09 ng

RT: 17.72 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

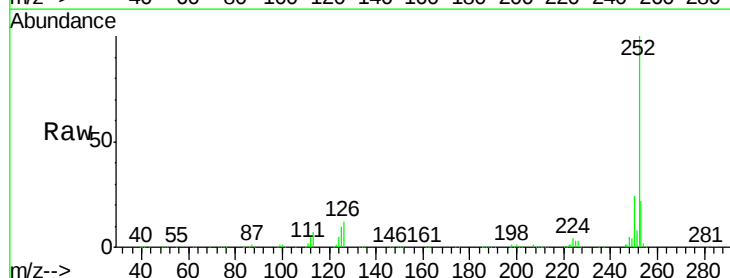
Tgt Ion:252 Resp: 358967

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

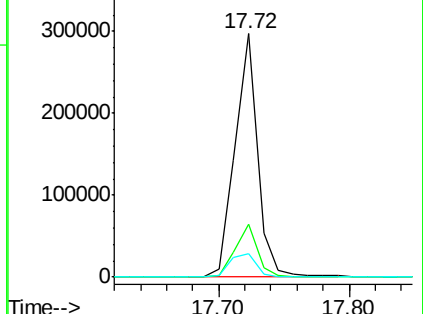
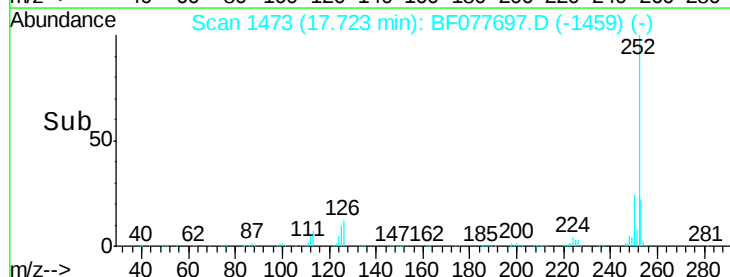
125 9.9 7.4 11.2

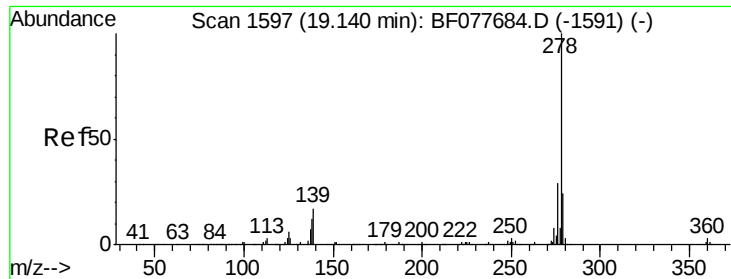


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 27.79 ng

RT: 19.21 min Scan# 1603

Delta R.T. 0.07 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-012-AMS

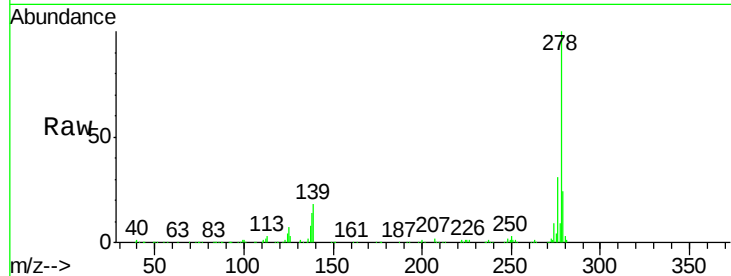
Tgt Ion: 278 Resp: 340116

Ion Ratio Lower Upper

278 100

139 17.8 13.4 20.0

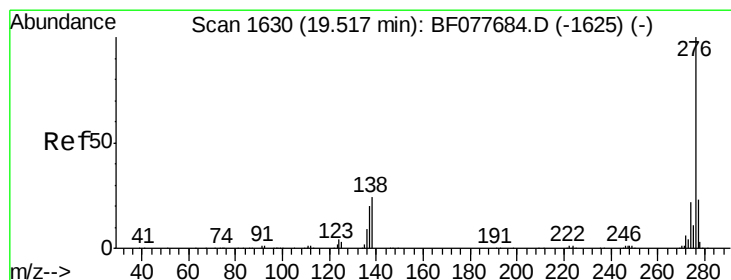
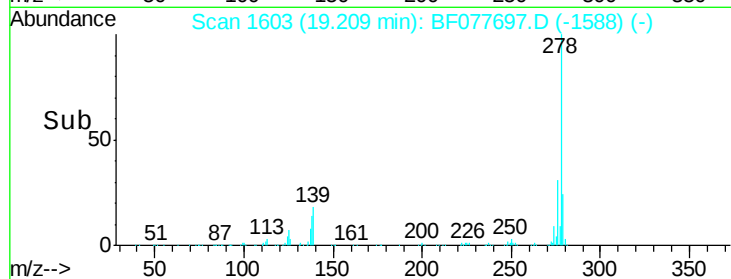
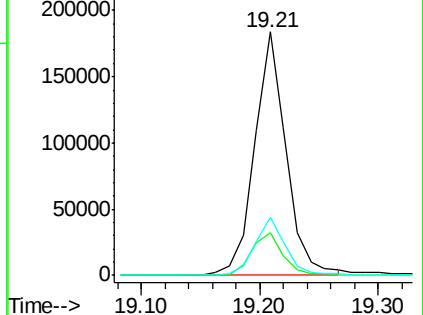
279 23.9 19.0 28.4



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: 27.29 ng

RT: 19.59 min Scan# 1636

Delta R.T. 0.07 min

Lab File: BF077697.D

Acq: 11 Mar 2015 20:00

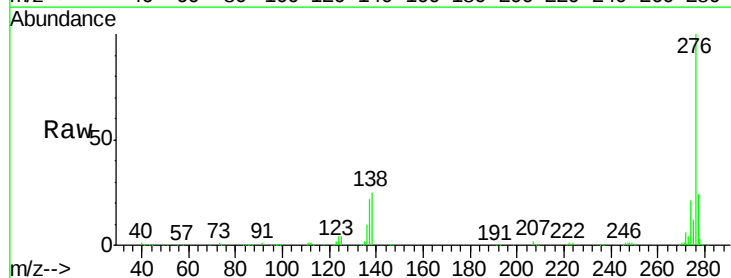
Tgt Ion: 276 Resp: 340030

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 24.7 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

