

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
 Data File : BF077120.D
 Acq On : 29 Jan 2015 5:00
 Operator : TP/IZ
 Sample : G1159-05MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 06:00:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 04:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30294	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	121741	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	59261	20.00	ng	0.00
63) Phenanthrene-d10	17.60	188	108932	20.00	ng	0.00
75) Chrysene-d12	21.11	240	91621	20.00	ng	-0.02
86) Perylene-d12	22.75	264	79119	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.76	112	220243	119.53	ng	-0.03
7) Phenol-d6	7.14	99	278586	119.86	ng	0.00
23) Nitrobenzene-d5	9.03	82	173946	79.16	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	65499	136.16	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	318112	81.69	ng	0.00
78) Terphenyl-d14	19.84	244	304776	76.58	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.14	88	21220	26.90	ng	92
3) Pyridine	1.59	79	60397	29.58	ng	93
4) n-Nitrosodimethylamine	1.56	42	36042	35.64	ng	99
6) Aniline	7.01	93	49128	15.27	ng	94
8) 2-Chlorophenol	7.26	128	80902	38.09	ng	97
9) Benzaldehyde	6.72	77	13085	8.21	ng	95
10) Phenol	7.17	94	105429	42.72	ng	96
11) bis(2-Chloroethyl)ether	7.27	93	76884	39.81	ng	# 75
12) 1,3-Dichlorobenzene	7.57	146	88160	36.48	ng	98
13) 1,4-Dichlorobenzene	7.76	146	90339	35.25	ng	97
14) 1,2-Dichlorobenzene	8.08	146	85183	36.08	ng	98
15) Benzyl Alcohol	8.17	79	67909	36.11	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.52	45	93365	35.96	ng	87
17) 2-Methylphenol	8.53	107	64563	37.19	ng	96
18) Hexachloroethane	8.82	117	33492	37.57	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	60081	36.93	ng	98
20) 3+4-Methylphenols	8.92	107	80406	34.98	ng	95
22) Acetophenone	8.72	105	119906	40.21	ng	95
25) Isophorone	9.67	82	159041	39.74	ng	99
26) 2-Nitrophenol	9.81	139	41484	36.62	ng	# 84
27) 2,4-Dimethylphenol	10.10	122	70972	41.00	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	93911	41.29	ng	99
29) 2,4-Dichlorophenol	10.43	162	64227	39.81	ng	94
30) 1,2,4-Trichlorobenzene	10.55	180	72296	40.34	ng	99
31) Naphthalene	10.69	128	243679	38.88	ng	99
32) Benzoic acid	10.41	122	6829	7.12	ng	98
33) 4-Chloroaniline	10.94	127	43621	17.22	ng	96
34) Hexachlorobutadiene	11.05	225	41672	39.19	ng	98
35) Caprolactam	11.77	113	15878	33.43	ng	99
36) 4-Chloro-3-methylphenol	12.24	107	72077	39.02	ng	94
37) 2-Methylnaphthalene	12.33	142	165771	38.73	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	66494	45.38	ng	100
40) Hexachlorocyclopentadiene	12.72	237	47121	60.90	ng	93
42) 2,4,6-Trichlorophenol	13.09	196	46364	43.43	ng	96

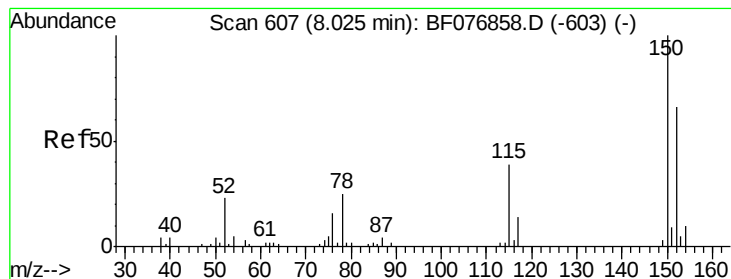
Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
 Data File : BF077120.D
 Acq On : 29 Jan 2015 5:00
 Operator : TP/IZ
 Sample : G1159-05MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 06:00:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 04:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.19	196	47463	43.59	nq	96
45) 1,1'-Biphenyl	13.49	154	196042	44.62	nq	97
46) 2-Chloronaphthalene	13.47	162	158448	43.83	nq	98
47) 2-Nitroaniline	13.81	65	50499	46.05	nq	94
48) Acenaphthylene	14.41	152	251375	41.22	nq	100
49) Dimethylphthalate	14.37	163	198328	47.19	nq	98
50) 2,6-Dinitrotoluene	14.46	165	38882	46.31	nq	90
51) Acenaphthene	14.84	154	143355	41.43	nq	95
52) 3-Nitroaniline	14.80	138	31347	29.32	nq	82
53) 2,4-Dinitrophenol	15.10	184	11722	37.13	nq	96
54) Dibenzofuran	15.26	168	227060	45.05	nq	99
55) 4-Nitrophenol	15.42	139	54560	82.82	nq	97
56) 2,4-Dinitrotoluene	15.40	165	52479	41.97	nq	94
57) Fluorene	16.01	166	181634	42.54	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.61	232	38464	48.52	nq	# 95
59) Diethylphthalate	16.01	149	194043	45.68	nq	99
60) 4-Chlorophenyl-phenylether	16.11	204	77520	44.37	nq	97
61) 4-Nitroaniline	16.16	138	37535	35.84	nq	97
62) Azobenzene	16.40	77	192250	43.44	nq	97
64) 4,6-Dinitro-2-methylphenol	16.24	198	17931	27.16	nq	95
65) n-Nitrosodiphenylamine	16.36	169	153131	39.42	nq	98
66) 4-Bromophenyl-phenylether	16.97	248	44599	40.41	nq	# 85
67) Hexachlorobenzene	16.99	284	47664	40.98	nq	97
68) Atrazine	17.35	200	52843	44.83	nq	94
69) Pentachlorophenol	17.35	266	40963	77.06	nq	99
70) Phenanthrene	17.64	178	279720	41.18	nq	98
71) Anthracene	17.72	178	256372	38.70	nq	100
72) Carbazole	18.00	167	249457	38.83	nq	99
73) Di-n-butylphthalate	18.60	149	308767	41.52	nq	99
74) Fluoranthene	19.28	202	305519	43.89	nq	99
76) Benzidine	19.52	184	106440	36.31	nq	99
77) Pyrene	19.57	202	307598	48.99	nq	98
79) Butylbenzylphthalate	20.51	149	133602	46.98	nq	88
80) Benzo(a)anthracene	21.10	228	249885	43.47	nq	99
81) 3,3'-Dichlorobenzidine	21.11	252	62770	34.36	nq	# 95
82) Chrysene	21.13	228	221722	42.30	nq	98
83) Bis(2-ethylhexyl)phthalate	21.25	149	185705	47.20	nq	98
84) Di-n-octyl phthalate	22.01	149	315633	46.22	nq	# 97
85) Indeno(1,2,3-cd)pyrene	23.83	276	187050	33.67	nq	# 85
87) Benzo(b)fluoranthene	22.33	252	252987	47.48	nq	99
88) Benzo(k)fluoranthene	22.33	252	252987	54.34	nq	98
89) Benzo(a)pyrene	22.69	252	205609	43.74	nq	99
90) Dibenzo(a,h)anthracene	23.87	278	173710	40.28	nq	99
91) Benzo(g,h,i)perylene	24.11	276	180368	42.07	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

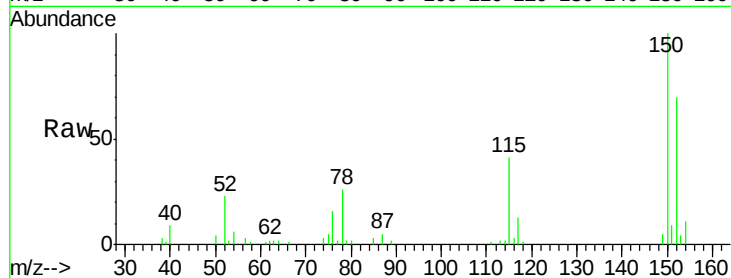
Tot Ion:152 Resp: 30294

Ion Ratio Lower Upper

152 100

150 141.9 121.7 182.5

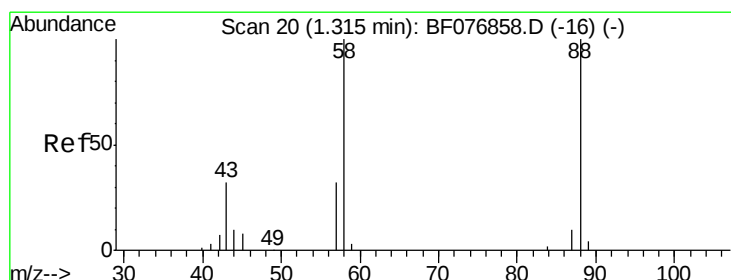
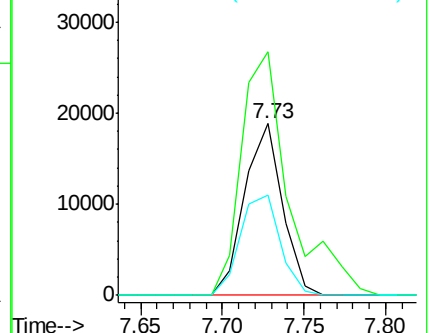
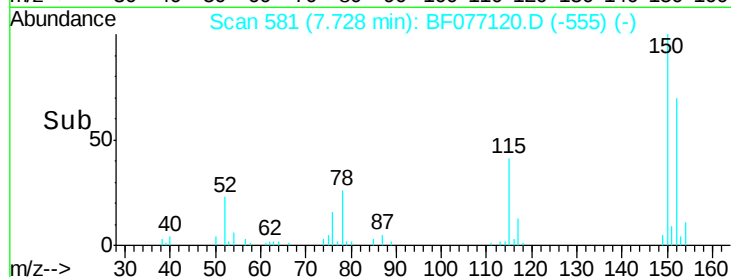
115 58.3 47.0 70.6



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: 26.90 ng

RT: 1.14 min Scan# 5

Delta R.T. 0.02 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

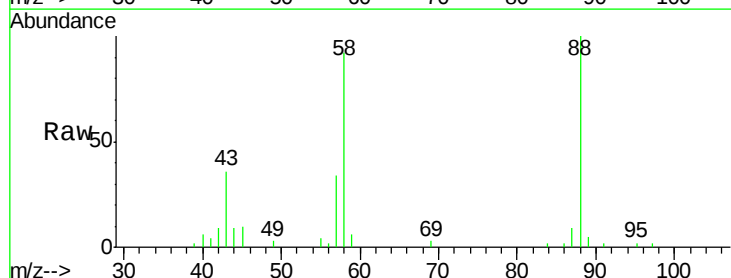
Tgt Ion: 88 Resp: 21220

Ion Ratio Lower Upper

88 100

58 88.3 77.0 115.4

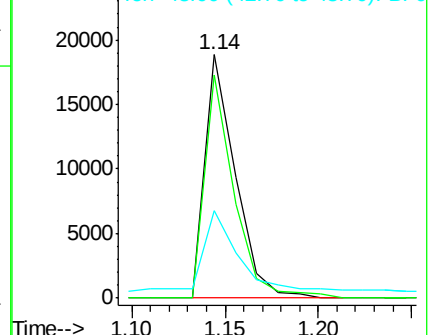
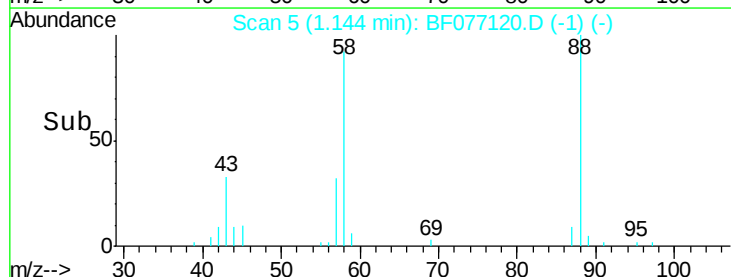
43 36.2 25.6 38.4

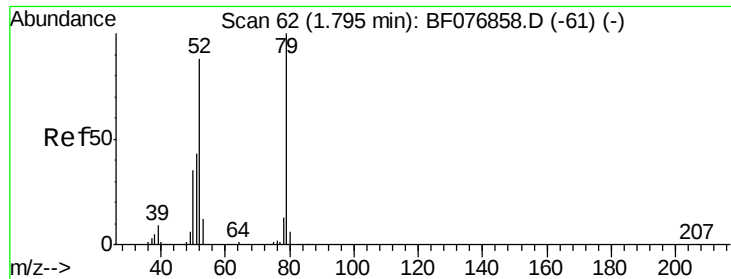


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.58 ng

RT: 1.59 min Scan# 44

Delta R.T. 0.03 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

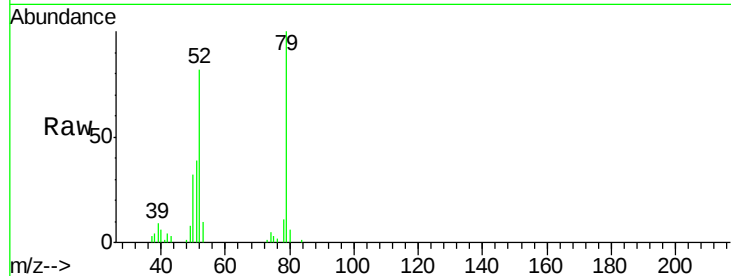
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 60397

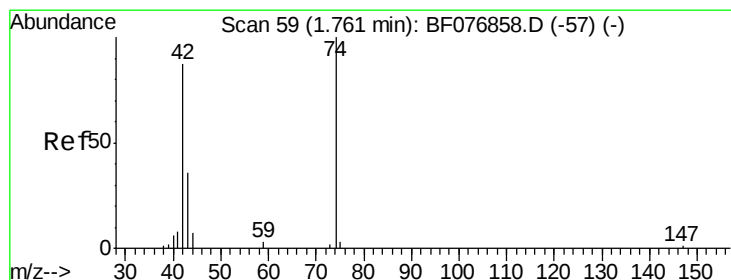
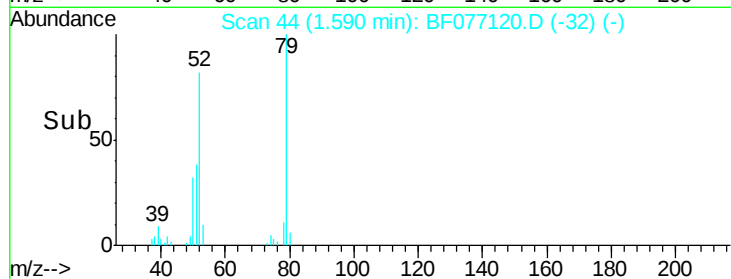
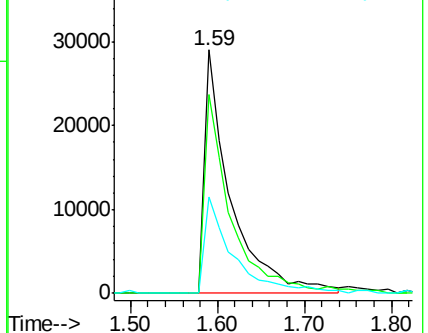
Ion	Ratio	Lower	Upper
79	100		
52	81.5	70.1	105.1
51	39.4	35.1	52.7



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: 35.64 ng

RT: 1.56 min Scan# 41

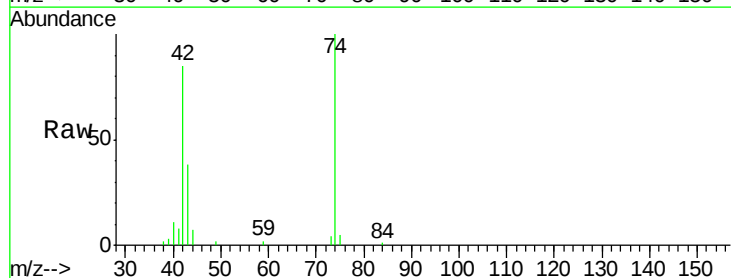
Delta R.T. 0.02 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Tgt Ion: 42 Resp: 36042

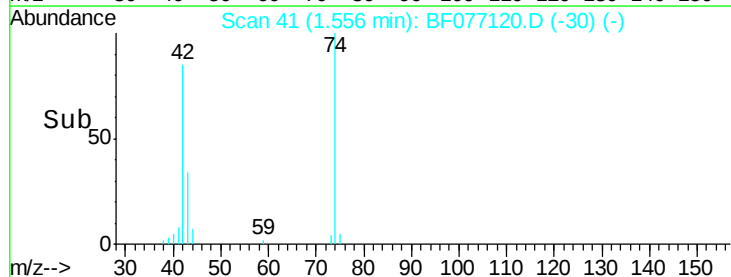
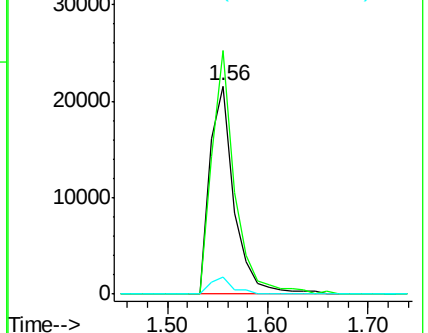
Ion	Ratio	Lower	Upper
42	100		
74	117.2	92.4	138.6
44	7.9	6.2	9.2



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: 119.53 ng

RT: 4.76 min Scan# 321

Delta R.T. -0.03 min

Lab File: BF077120.D

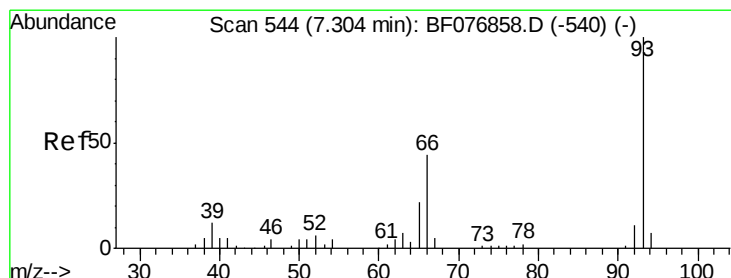
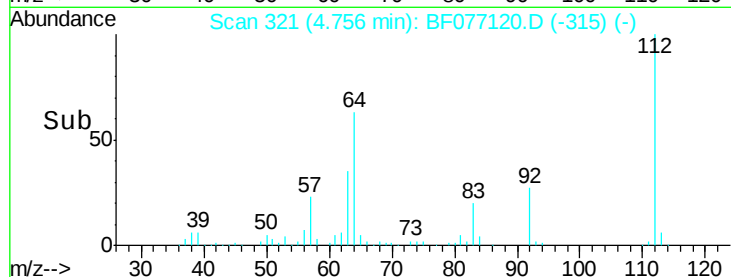
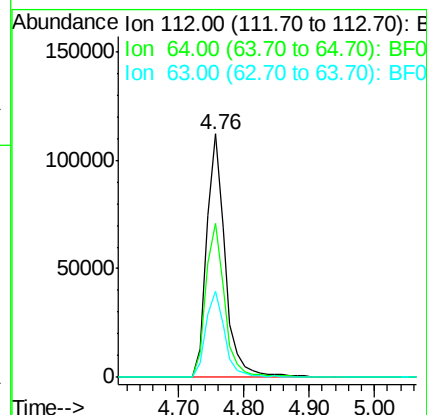
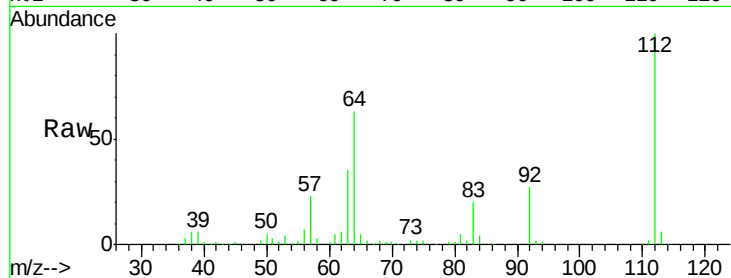
Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	220243
Ion	Ratio	Lower	Upper
112	100		
64	63.3	54.2	81.4
63	35.5	28.4	42.6



#6

Aniline

Concen: 15.27 ng

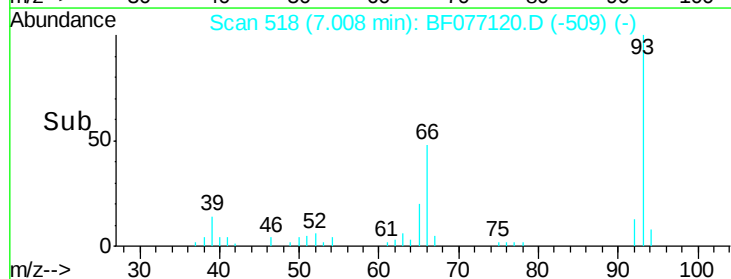
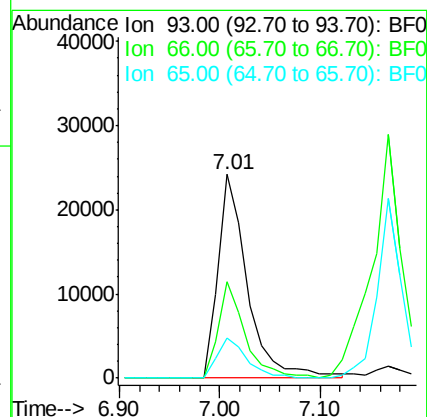
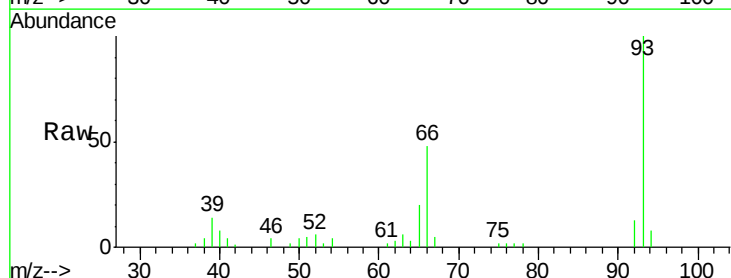
RT: 7.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Tgt Ion:	93	Resp:	49128
Ion	Ratio	Lower	Upper
93	100		
66	47.5	35.0	52.4
65	19.6	17.7	26.5





#7

Phenol-d6

Concen: 119.86 ng

RT: 7.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

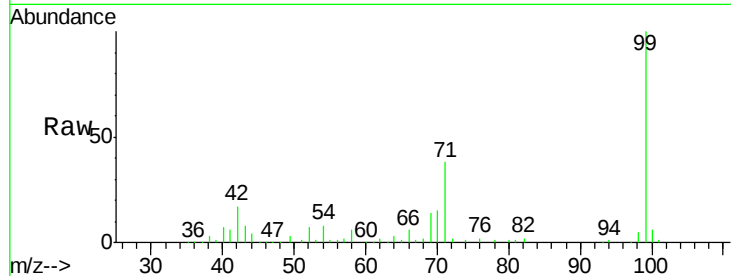
Tot Ion: 99 Resp: 278586

Ion Ratio Lower Upper

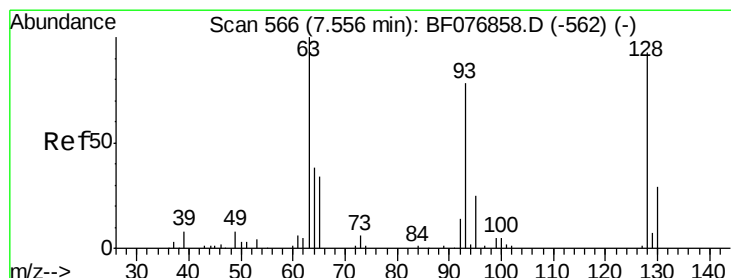
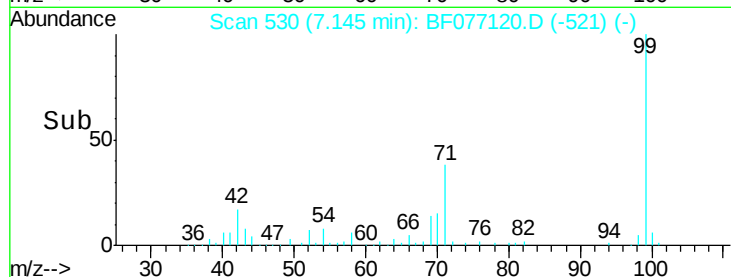
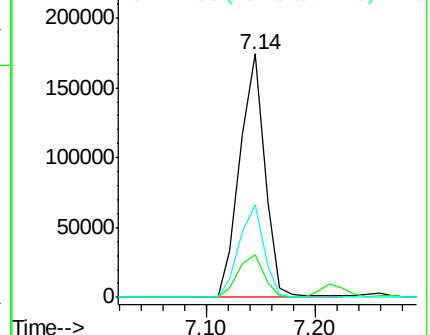
99 100

42 17.3 15.0 22.4

71 38.0 30.5 45.7



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



#8

2-Chlorophenol

Concen: 38.09 ng

RT: 7.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

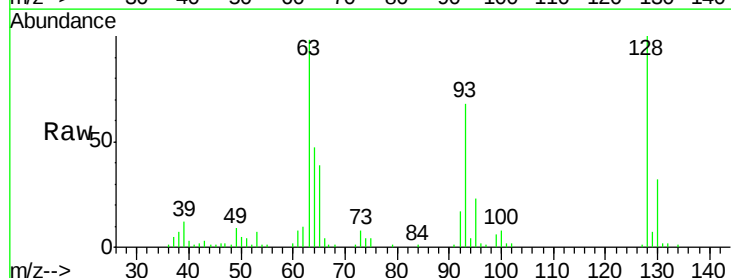
Tgt Ion: 128 Resp: 80902

Ion Ratio Lower Upper

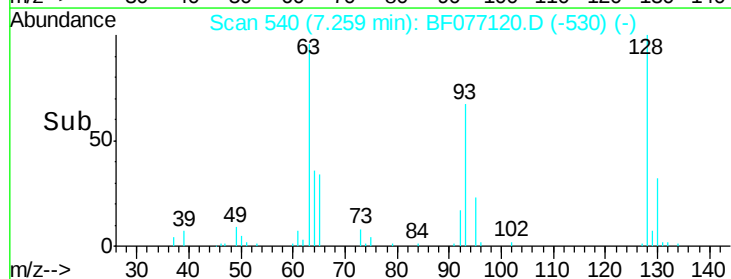
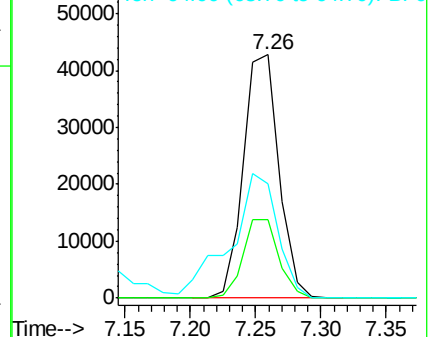
128 100

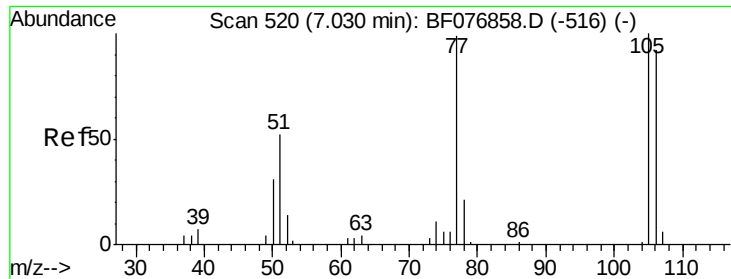
130 32.5 11.0 51.0

64 46.9 29.3 69.3



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

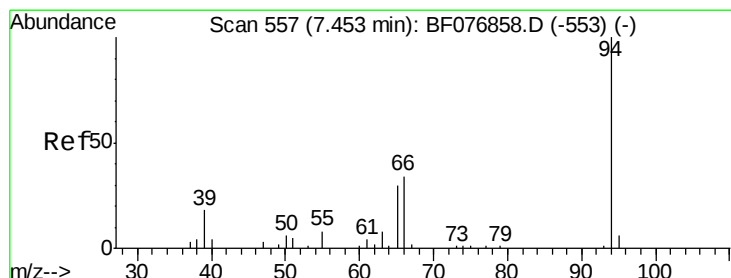
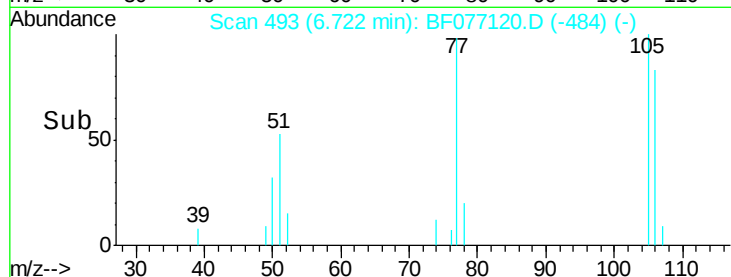
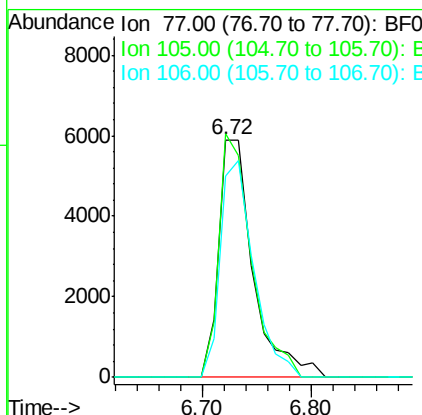
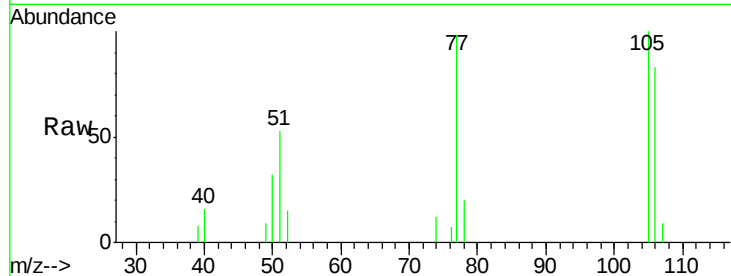




#9
Benzaldehyde
Concen: 8.21 ng
RT: 6.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

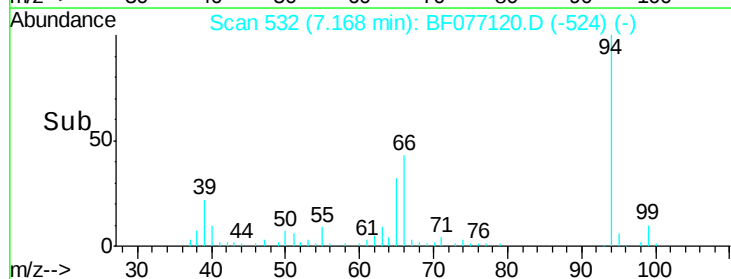
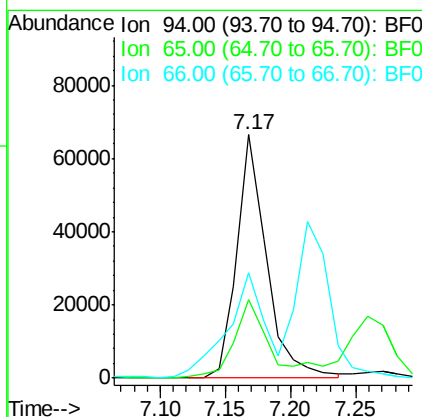
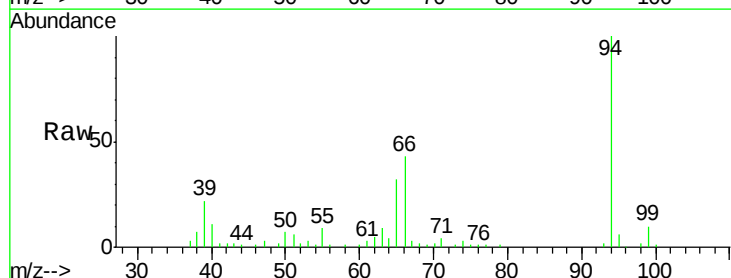
Instrument :
BNA_F
ClientSampled :

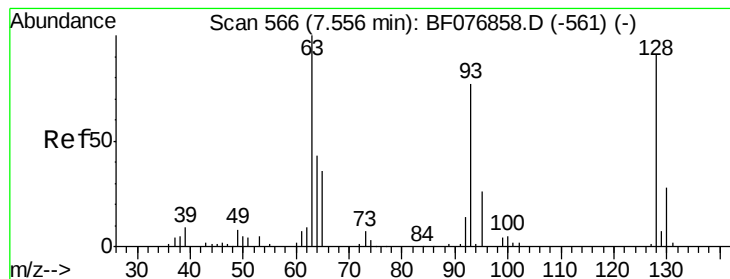
Tot Ion: 77 Resp: 13085
Ion Ratio Lower Upper
77 100
105 102.4 81.4 121.4
106 84.6 72.8 112.8



#10
Phenol
Concen: 42.72 ng
RT: 7.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 94 Resp: 105429
Ion Ratio Lower Upper
94 100
65 32.1 11.3 51.3
66 43.5 19.5 59.5

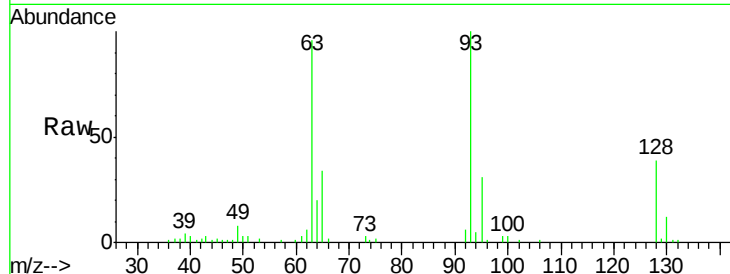




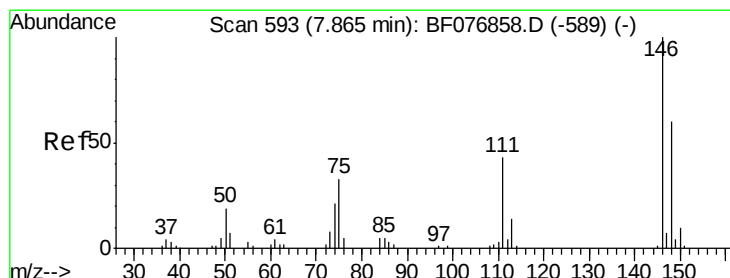
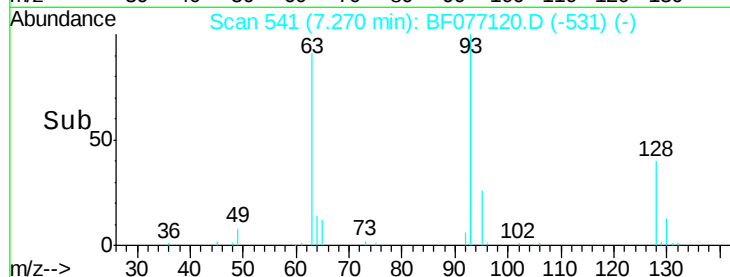
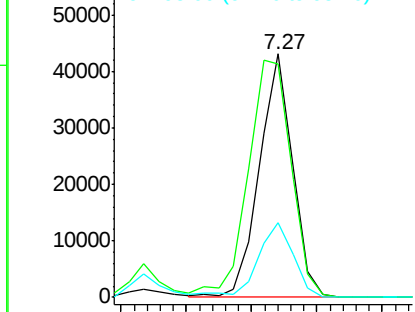
#11
bis(2-Chloroethyl)ether
Concen: 39.81 ng
RT: 7.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 76884
Ion Ratio Lower Upper
93 100
63 95.9 111.3 151.3#
95 30.7 13.8 53.8

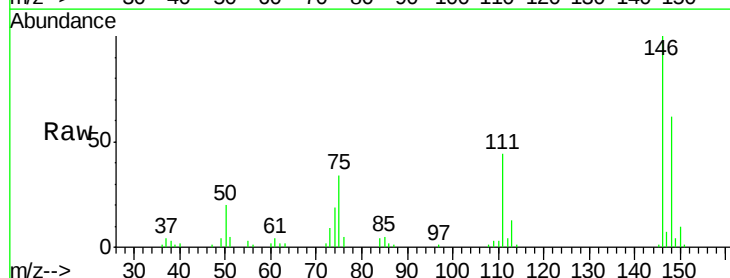


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

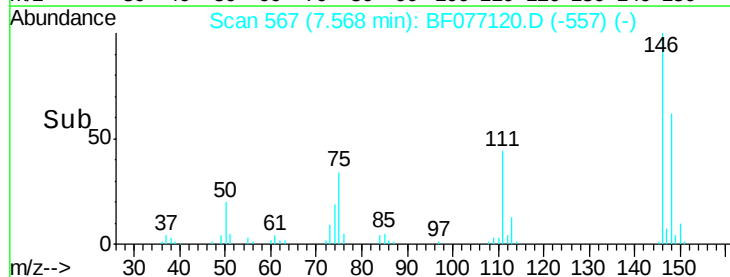
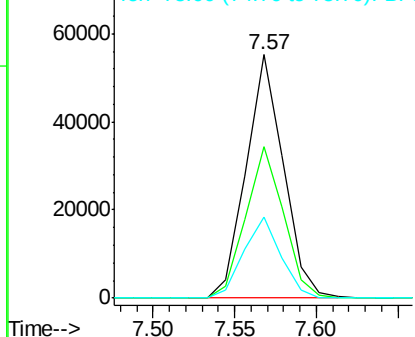


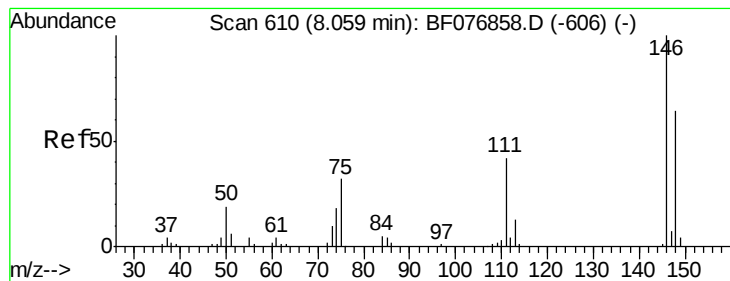
#12
1,3-Dichlorobenzene
Concen: 36.48 ng
RT: 7.57 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 146 Resp: 88160
Ion Ratio Lower Upper
146 100
148 62.4 48.1 72.1
75 33.5 26.8 40.2



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: 35.25 ng

RT: 7.76 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

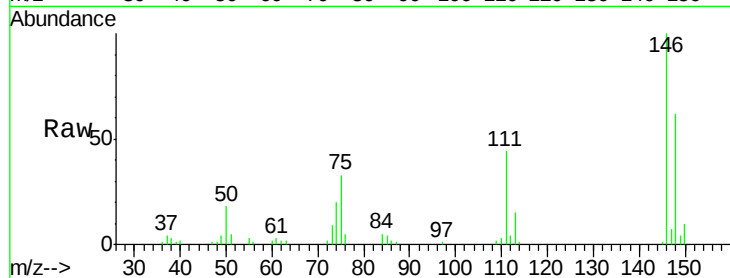
Tot Ion:146 Resp: 90339

Ion Ratio Lower Upper

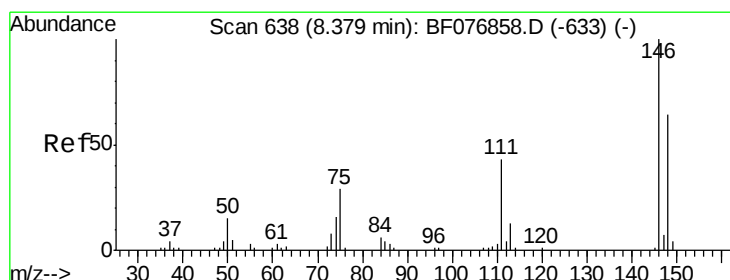
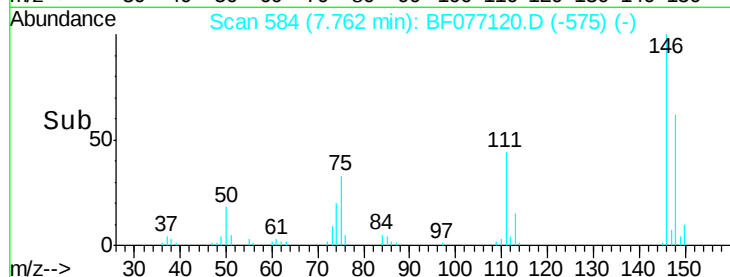
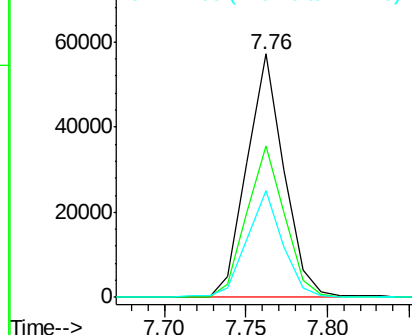
146 100

148 62.2 51.5 77.3

111 43.9 33.9 50.9



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: 36.08 ng

RT: 8.08 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

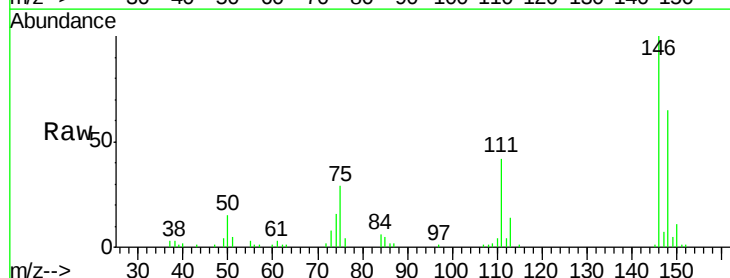
Tgt Ion:146 Resp: 85183

Ion Ratio Lower Upper

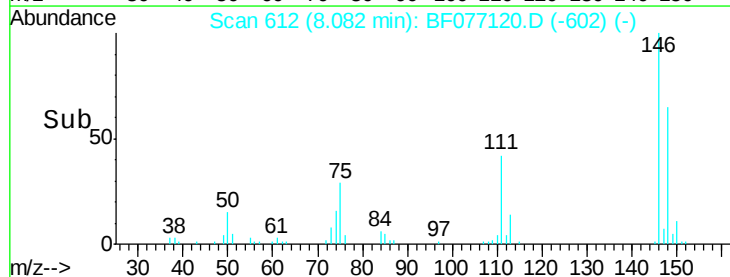
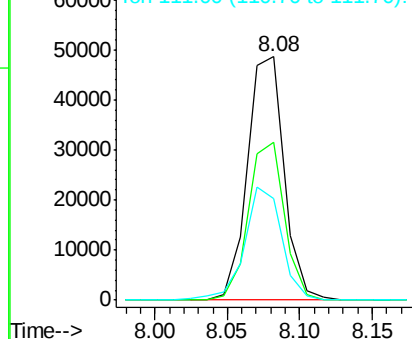
146 100

148 65.1 51.3 76.9

111 41.8 34.5 51.7



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: 36.11 ng

RT: 8.17 min Scan# 620

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampled :

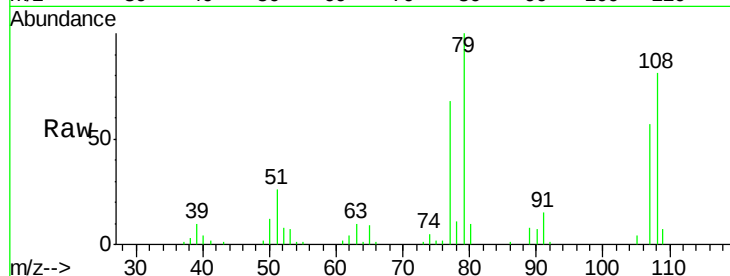
Tot Ion: 79 Resp: 67909

Ion Ratio Lower Upper

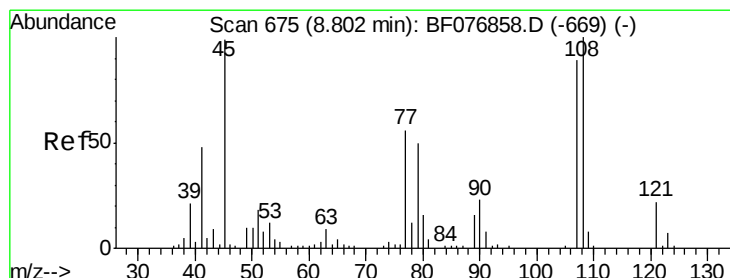
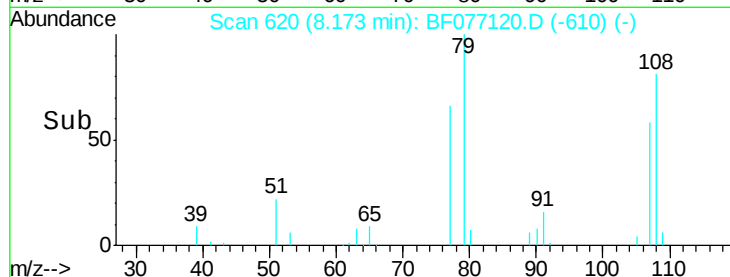
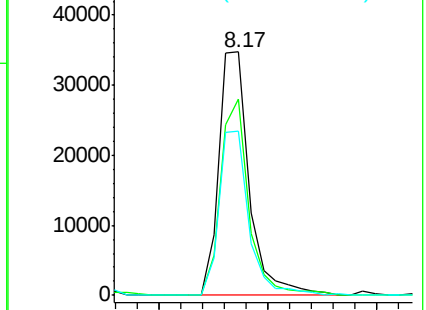
79 100

108 80.7 57.2 85.8

77 67.5 51.2 76.8



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: 35.96 ng

RT: 8.52 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

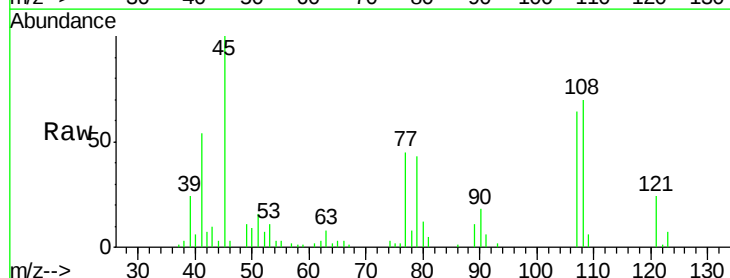
Tgt Ion: 45 Resp: 93365

Ion Ratio Lower Upper

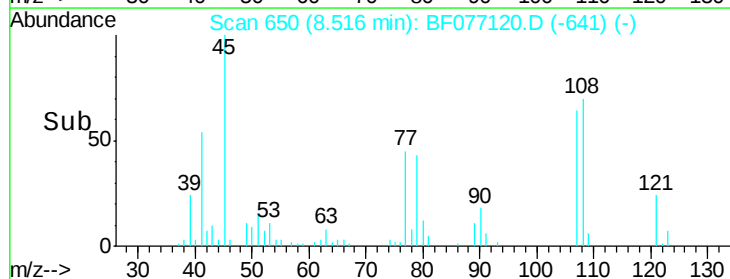
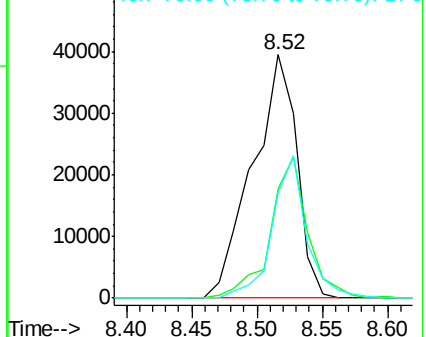
45 100

77 44.9 36.1 76.1

79 43.2 30.5 70.5



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

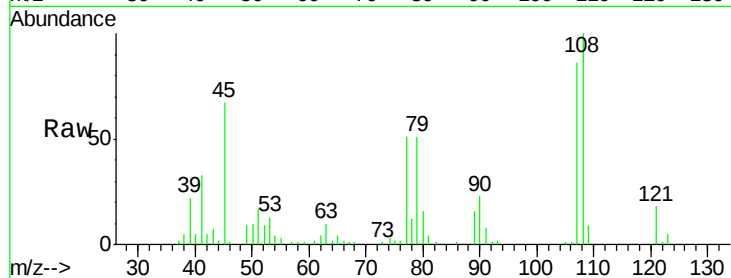




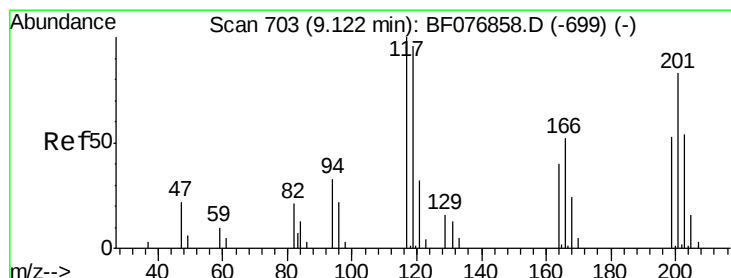
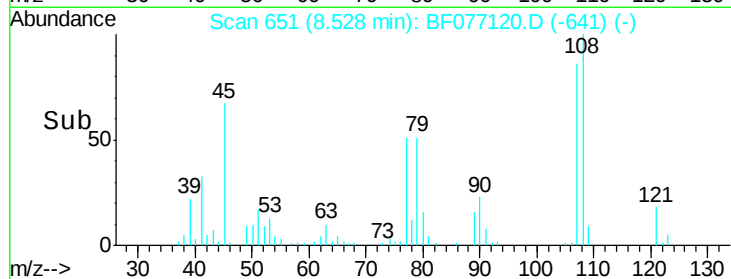
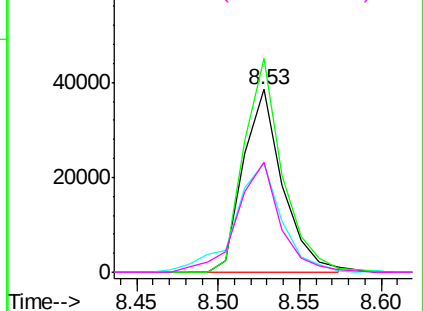
#17
2-Methylphenol
Concen: 37.19 ng
RT: 8.53 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 64563
Ion Ratio Lower Upper
107 100
108 116.8 89.7 134.5
77 59.6 50.1 75.1
79 59.9 45.0 67.6

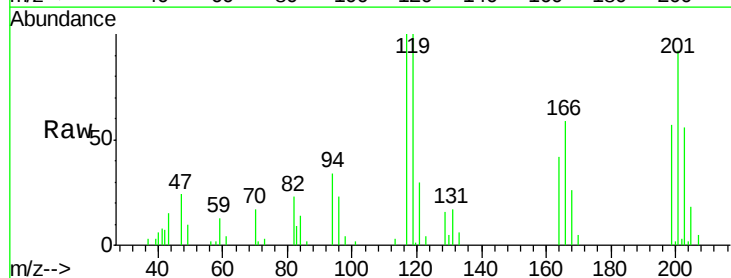


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

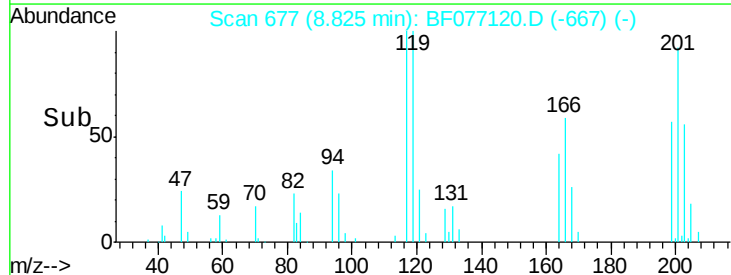
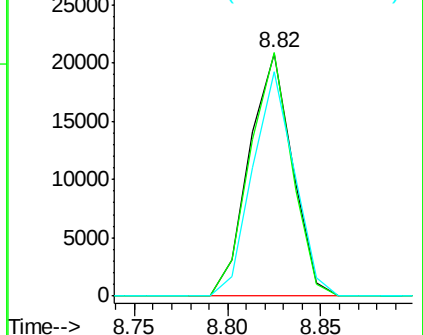


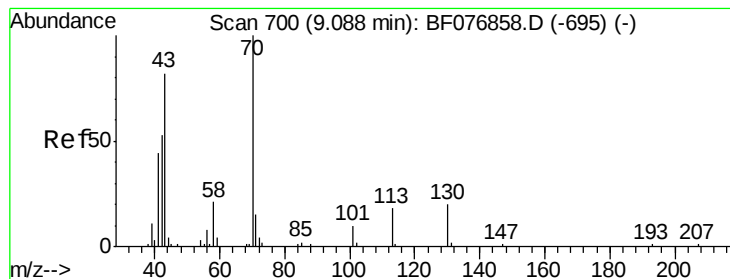
#18
Hexachloroethane
Concen: 37.57 ng
RT: 8.82 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:117 Resp: 33492
Ion Ratio Lower Upper
117 100
119 100.2 77.1 115.7
201 92.5 66.8 100.2



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: 36.93 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 60081

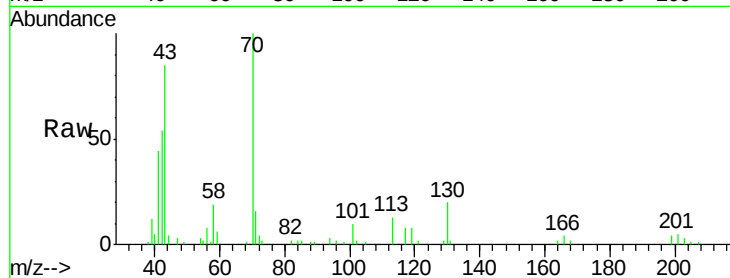
Ion Ratio Lower Upper

70 100

42 54.4 42.1 63.1

101 9.8 7.8 11.8

130 20.4 16.2 24.4

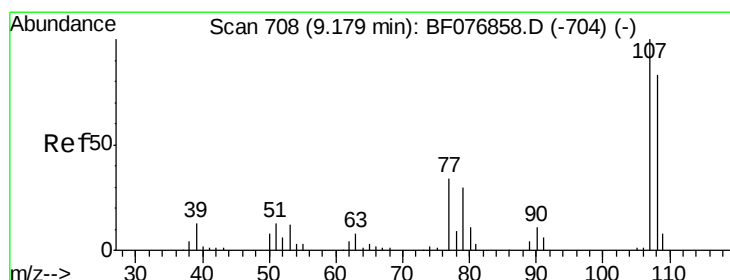
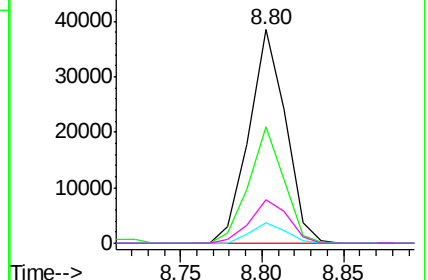
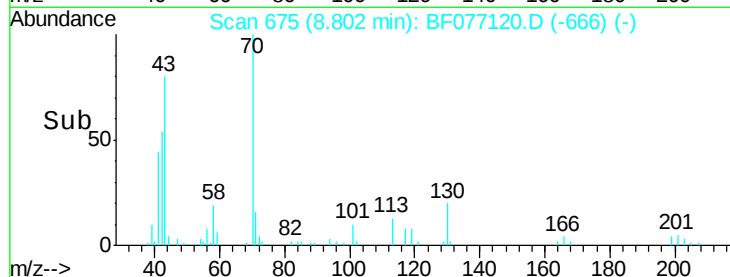


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 34.98 ng

RT: 8.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Tgt Ion: 107 Resp: 80406

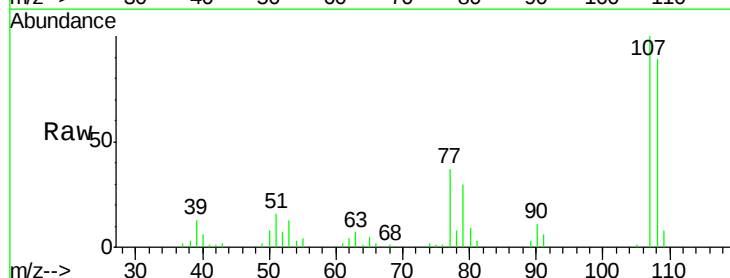
Ion Ratio Lower Upper

107 100

108 89.4 63.5 103.5

77 37.3 14.0 54.0

79 29.9 9.9 49.9

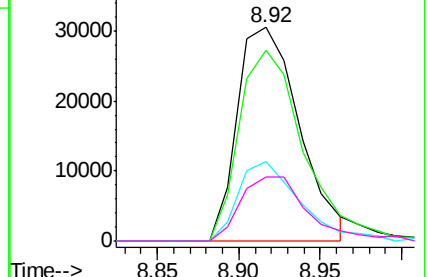
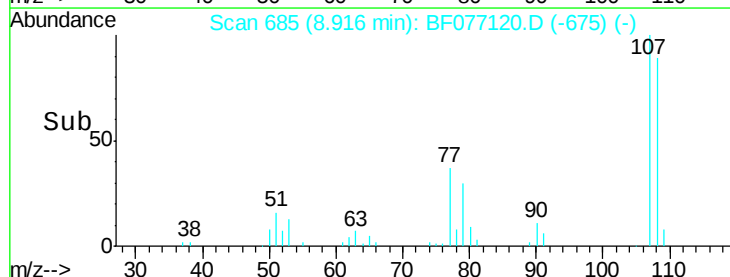


Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

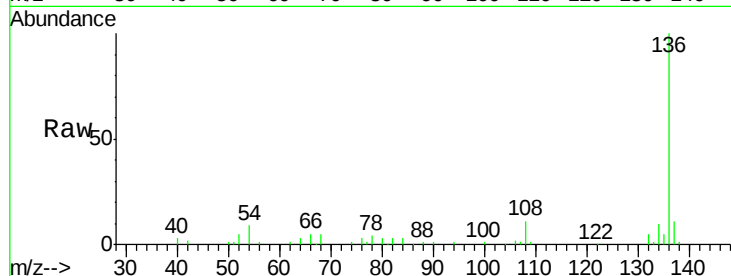




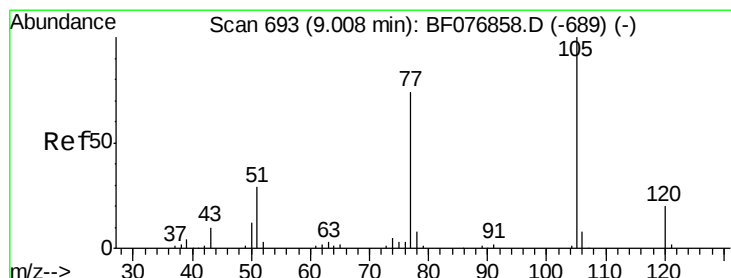
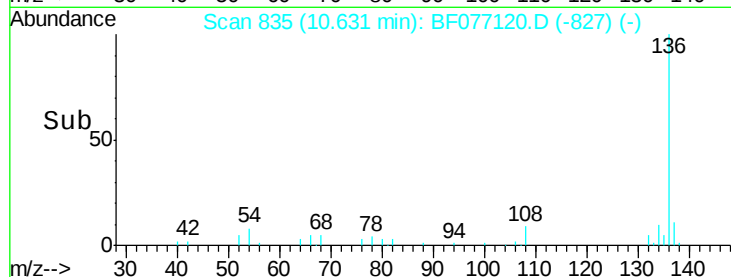
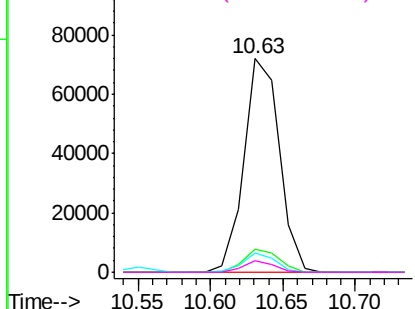
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	121741
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.1 12.1
54	8.7	7.0 10.4
68	5.2	3.7 5.5

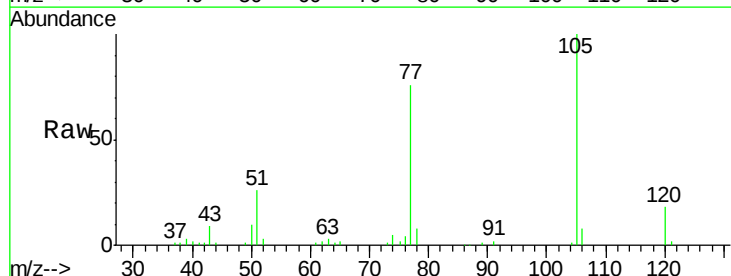


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

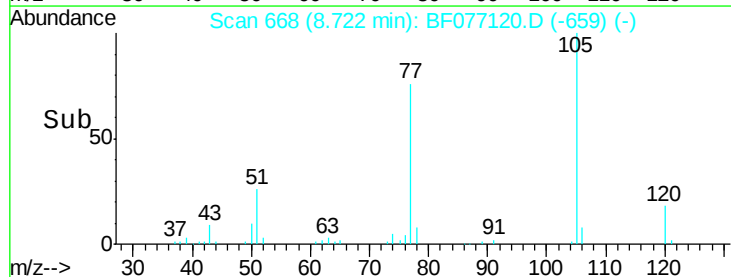
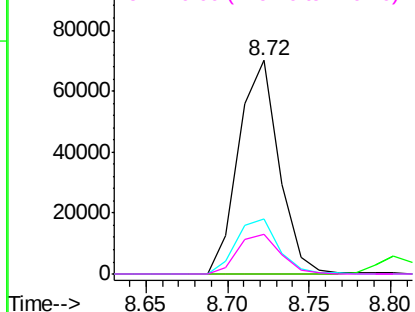


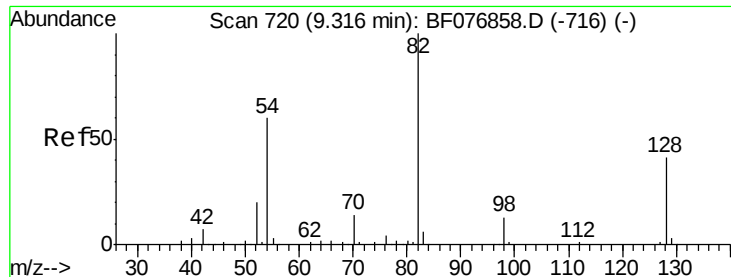
#22
Acetophenone
Concen: 40.21 ng
RT: 8.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:105	Resp:	119906
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	26.0	23.3 34.9
120	18.4	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

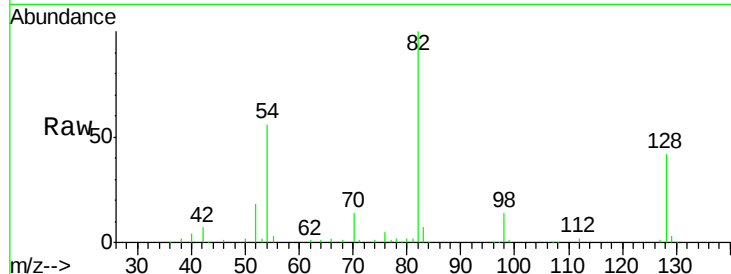




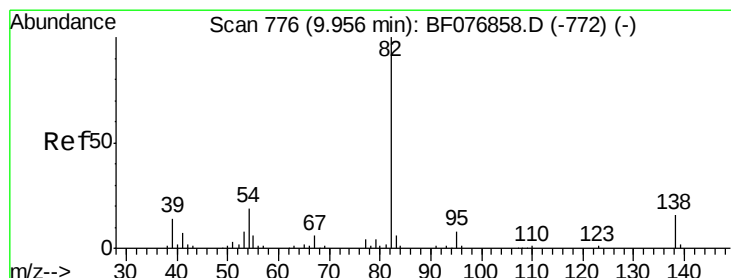
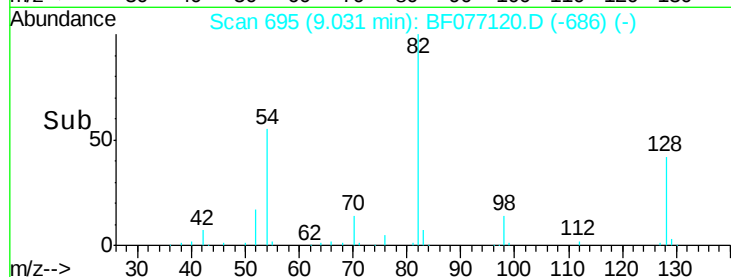
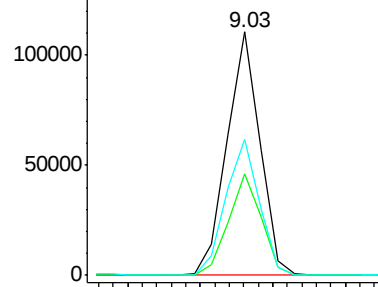
#23
Nitrobenzene-d5
Concen: 79.16 ng
RT: 9.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	173946
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.1	49.7
54	56.1	48.3	72.5

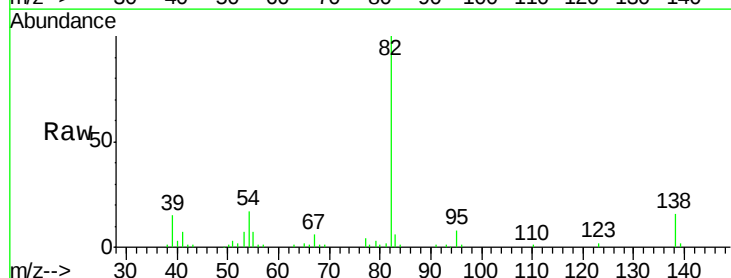


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

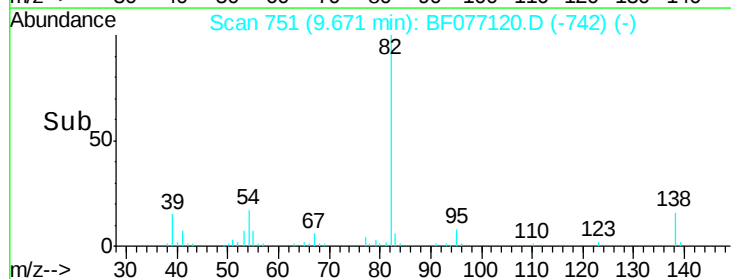
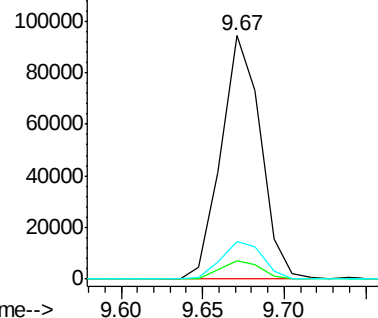


#25
Isophorone
Concen: 39.74 ng
RT: 9.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion	82	Resp	159041
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.6	10.0
138	15.6	12.6	18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

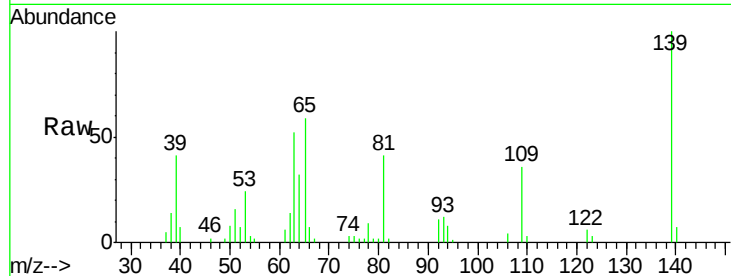




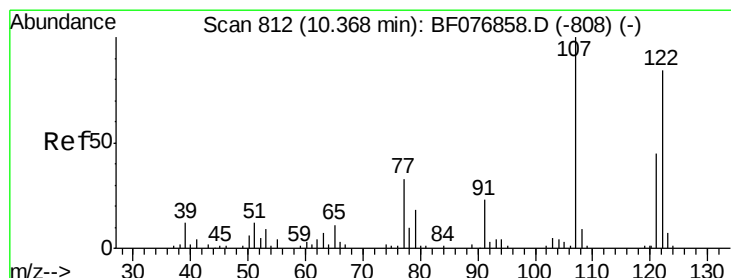
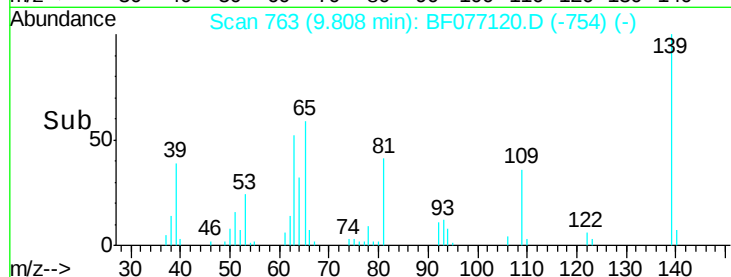
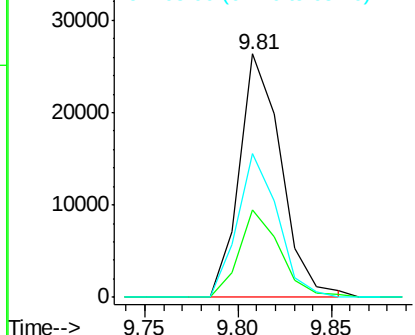
#26
2-Nitrophenol
Concen: 36.62 ng
RT: 9.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 41484
Ion Ratio Lower Upper
139 100
109 36.0 21.3 31.9#
65 59.1 39.4 59.0#

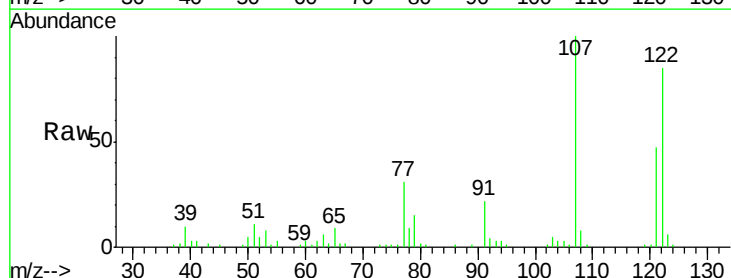


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

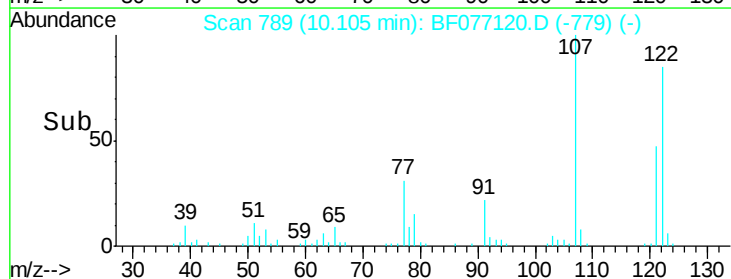
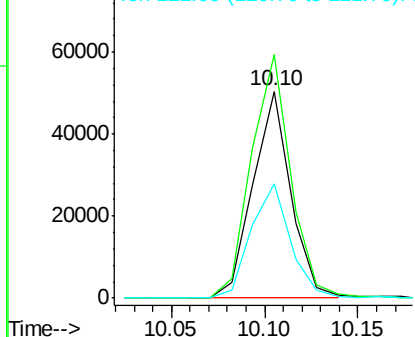


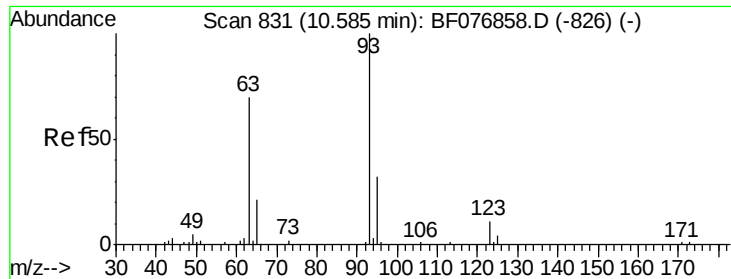
#27
2,4-Dimethylphenol
Concen: 41.00 ng
RT: 10.10 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:122 Resp: 70972
Ion Ratio Lower Upper
122 100
107 117.7 95.2 142.8
121 55.1 42.9 64.3



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

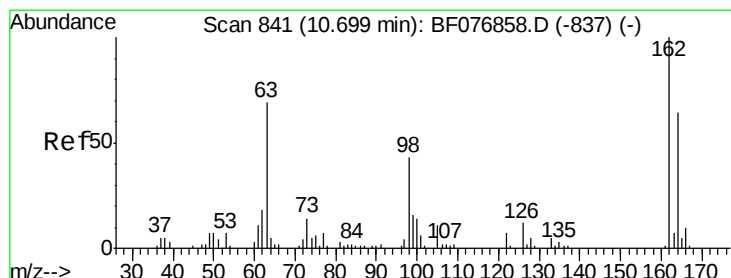
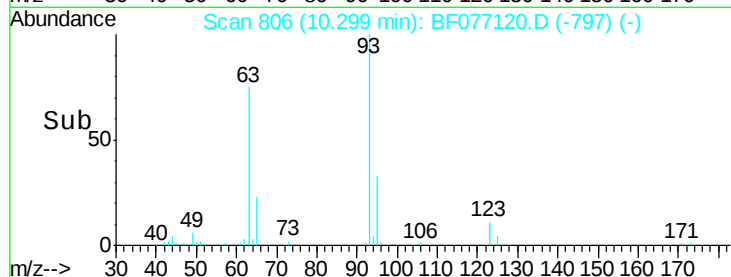
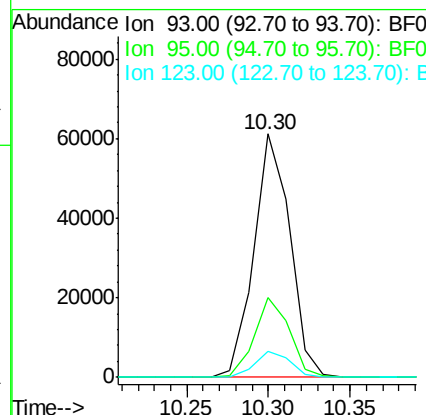
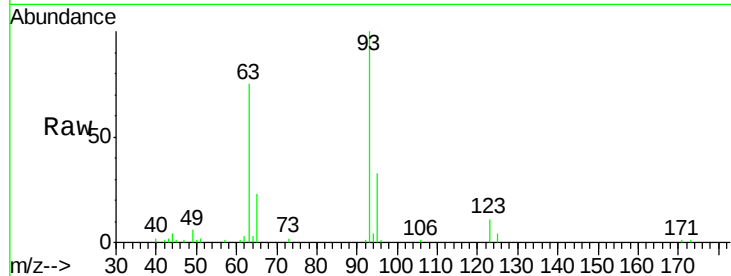




#28
bis(2-Chloroethoxy)methane
Concen: 41.29 ng
RT: 10.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

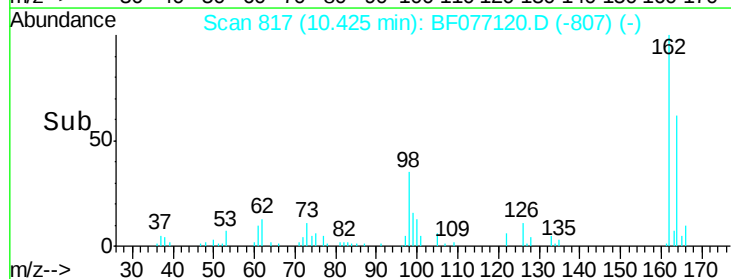
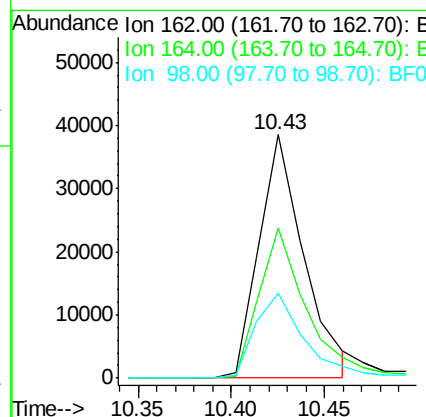
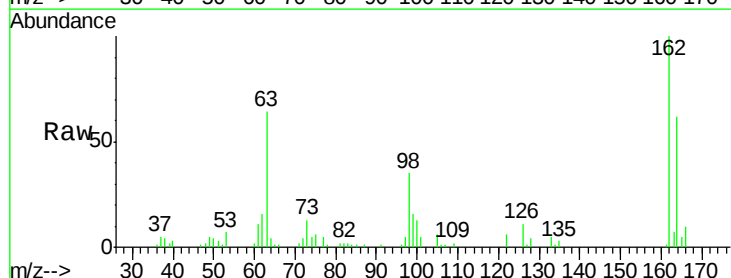
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 93911
Ion Ratio Lower Upper
93 100
95 32.8 25.6 38.4
123 10.5 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 39.81 ng
RT: 10.43 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 162 Resp: 64227
Ion Ratio Lower Upper
162 100
164 61.6 43.8 83.8
98 35.0 22.5 62.5

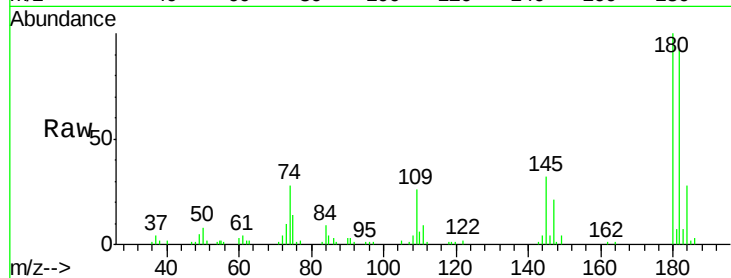




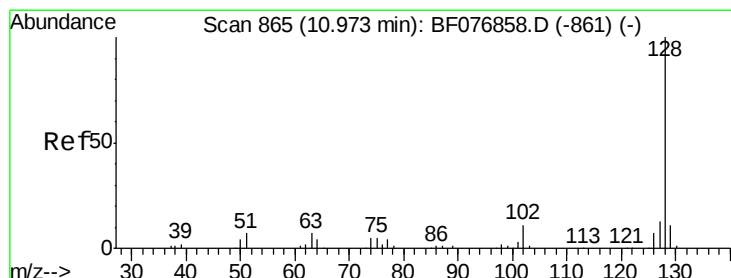
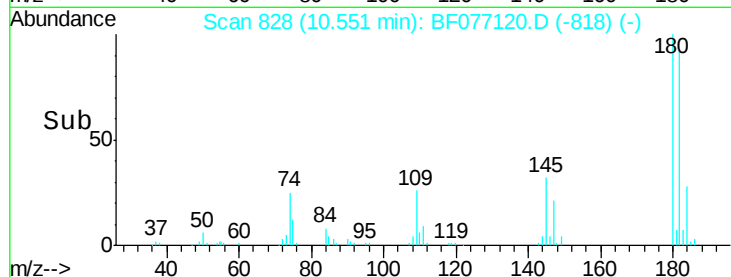
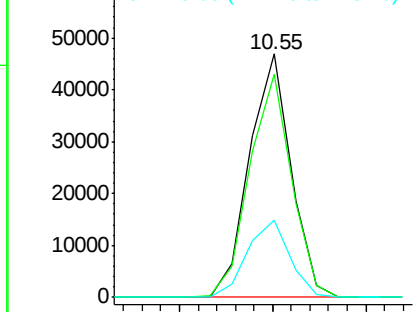
#30
 1,2,4-Trichlorobenzene
 Concen: 40.34 ng
 RT: 10.55 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF077120.D
 Acq: 29 Jan 2015 5:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 72296
 Ion Ratio Lower Upper
 180 100
 182 91.9 73.6 110.4
 145 31.8 26.6 39.8

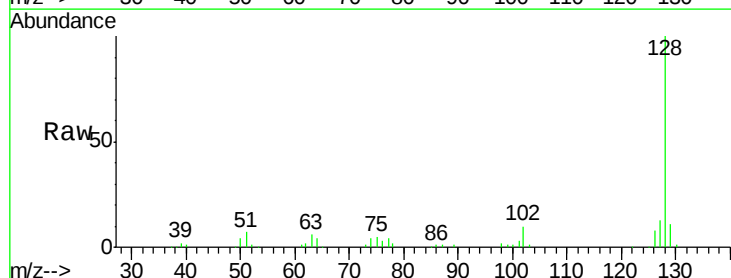


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

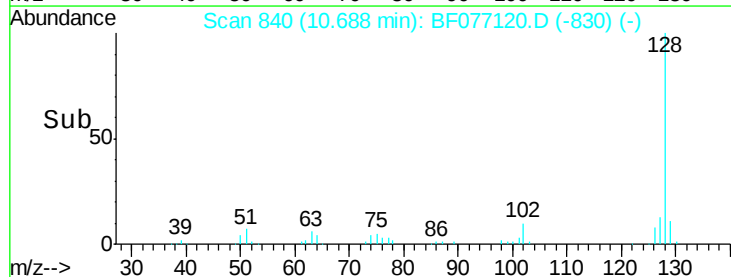
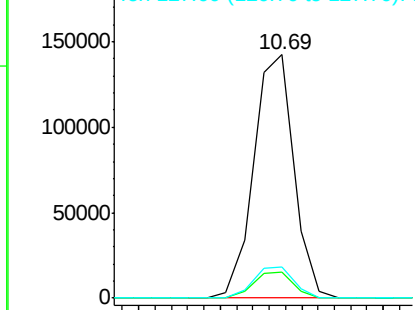


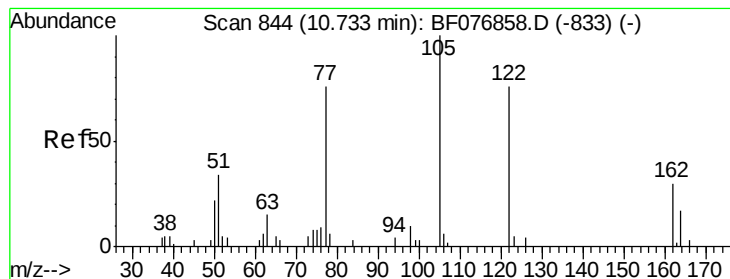
#31
 Naphthalene
 Concen: 38.88 ng
 RT: 10.69 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF077120.D
 Acq: 29 Jan 2015 5:00

Tgt Ion:128 Resp: 243679
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.6
 127 12.9 10.2 15.2



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: 7.12 ng

RT: 10.41 min Scan# 816

Delta R.T. -0.07 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

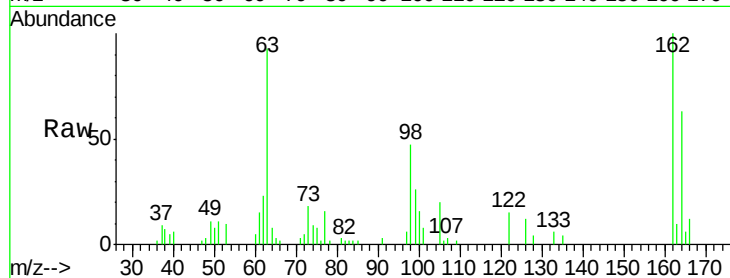
Tot Ion:122 Resp: 6829

Ion Ratio Lower Upper

122 100

105 129.7 111.3 151.3

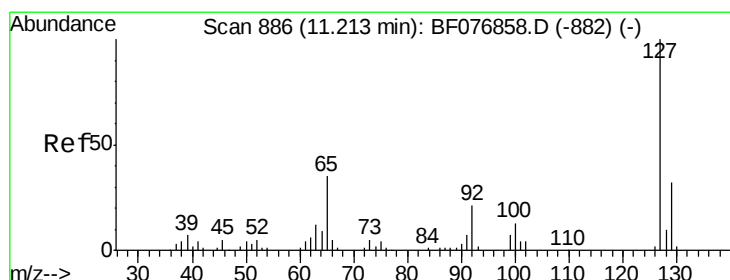
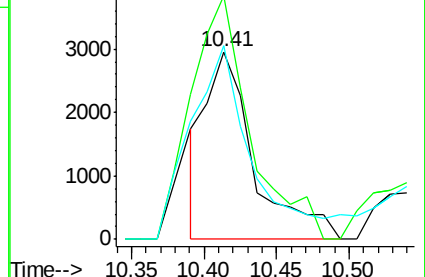
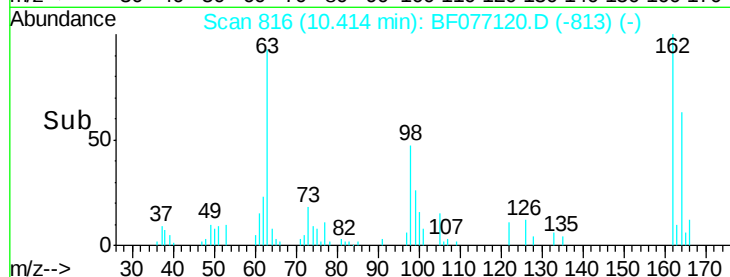
77 102.9 79.2 119.2



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: 17.22 ng

RT: 10.94 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Tgt Ion:127 Resp: 43621

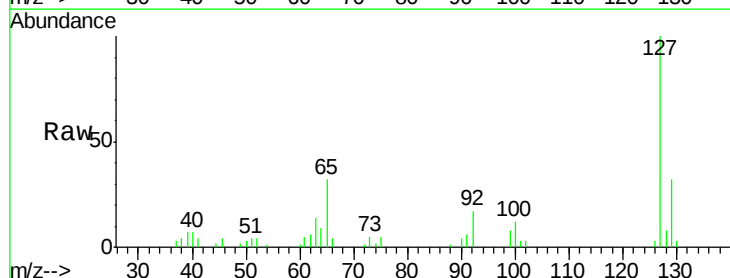
Ion Ratio Lower Upper

127 100

129 32.1 25.3 37.9

65 31.7 27.8 41.6

92 17.4 16.5 24.7

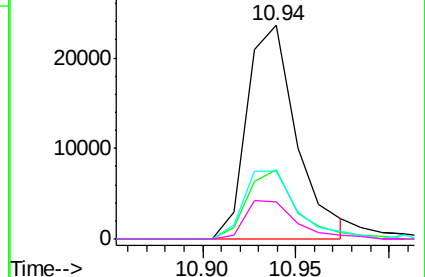
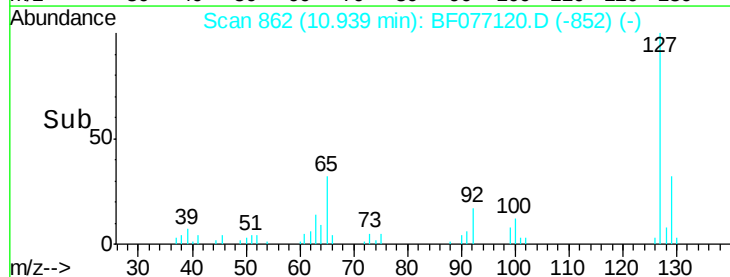


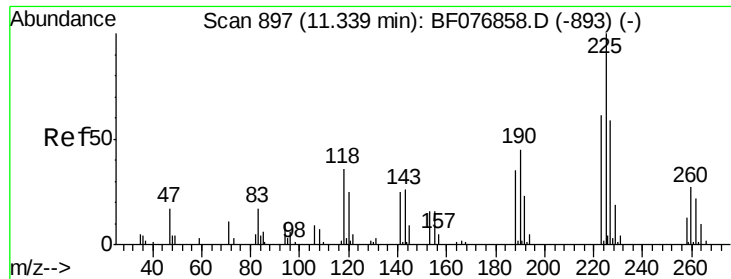
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 39.19 ng

RT: 11.05 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

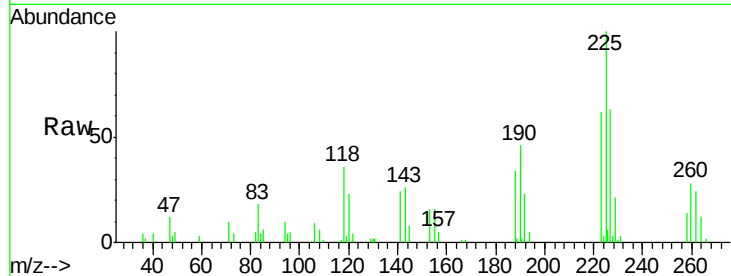
Tot Ion:225 Resp: 41672

Ion Ratio Lower Upper

225 100

223 61.6 49.1 73.7

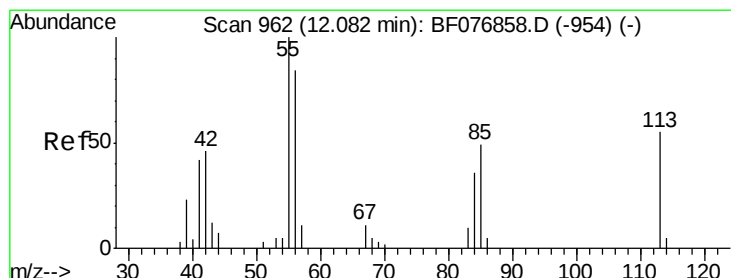
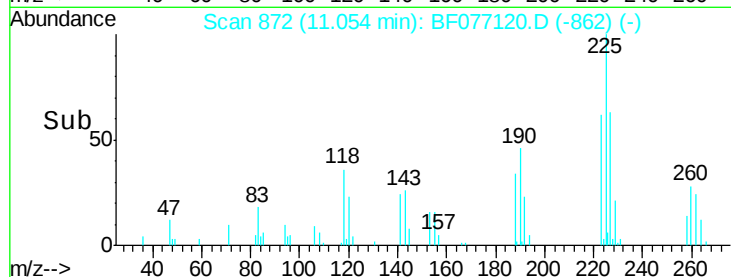
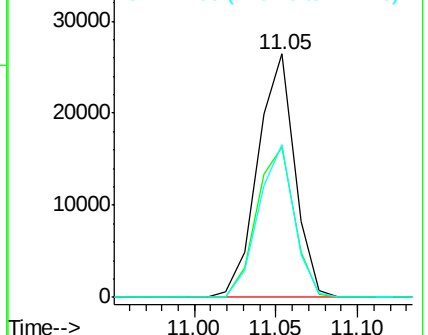
227 62.6 47.5 71.3



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: 33.43 ng

RT: 11.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

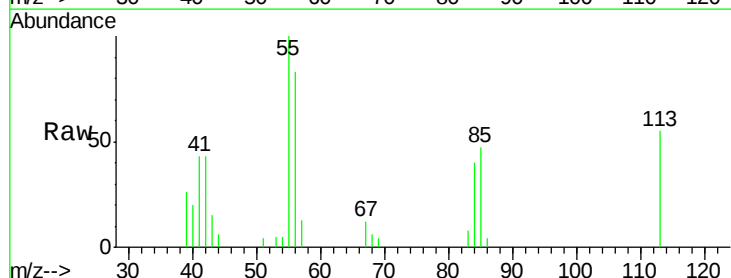
Tgt Ion:113 Resp: 15878

Ion Ratio Lower Upper

113 100

55 181.4 162.1 202.1

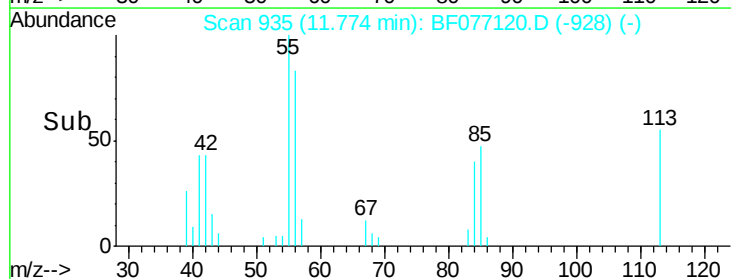
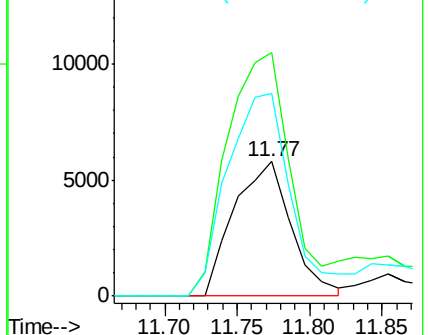
56 150.5 133.7 173.7

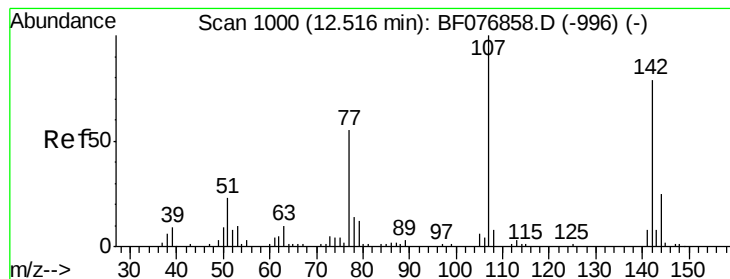


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 39.02 ng

RT: 12.24 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

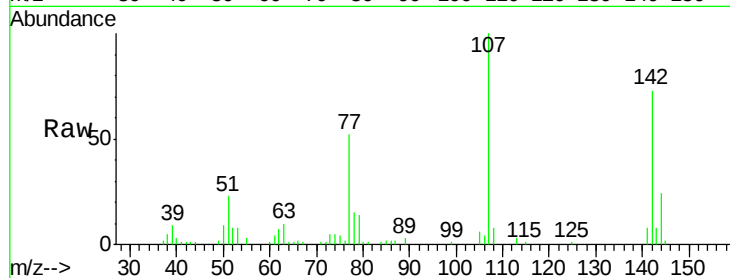
Tot Ion:107 Resp: 72077

Ion Ratio Lower Upper

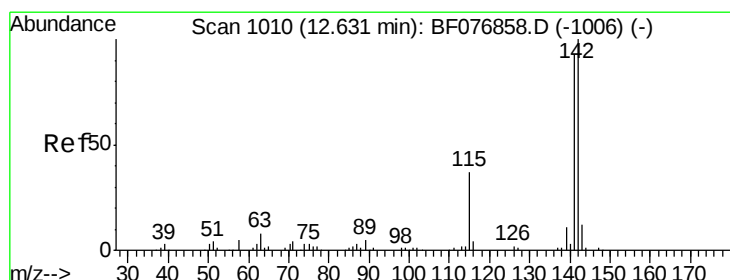
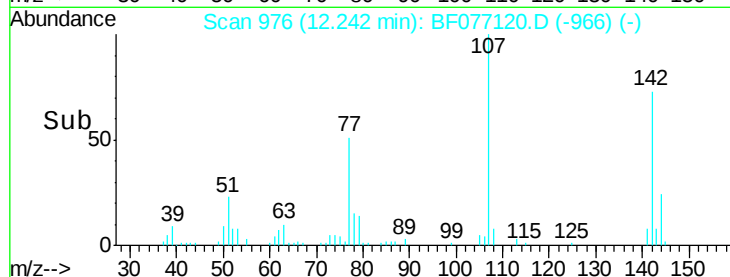
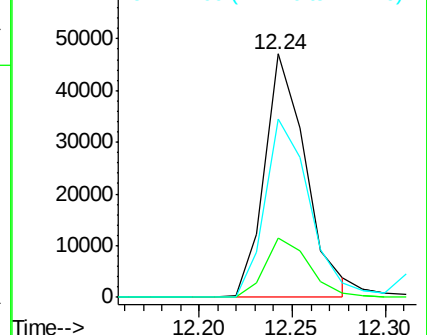
107 100

144 24.3 20.0 30.0

142 73.2 63.5 95.3



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: 38.73 ng

RT: 12.33 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

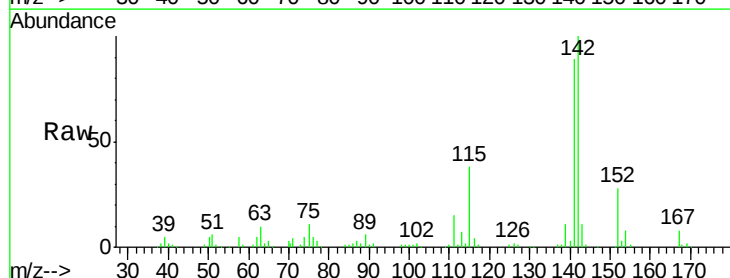
Tgt Ion:142 Resp: 165771

Ion Ratio Lower Upper

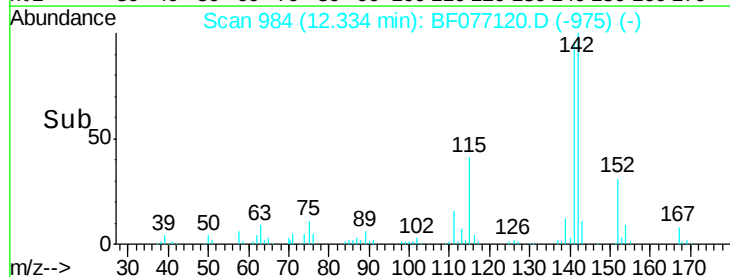
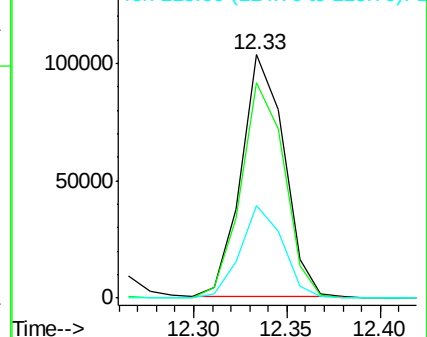
142 100

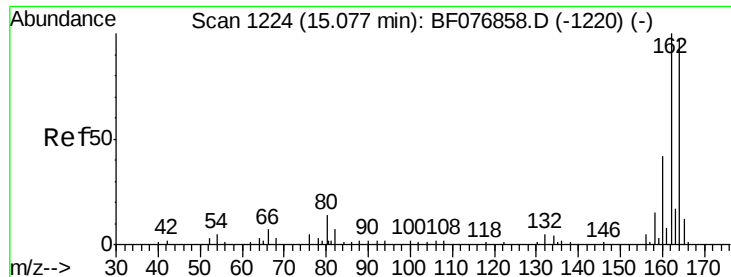
141 88.7 74.5 111.7

115 37.8 29.7 44.5



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: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

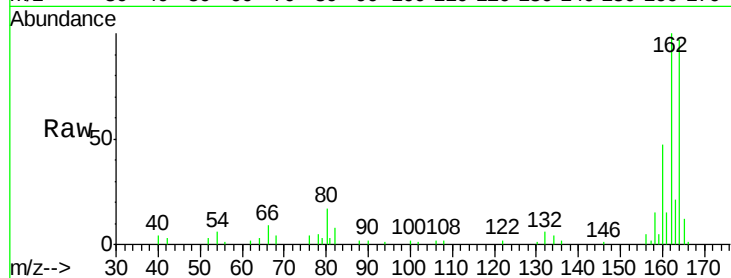
Tot Ion:164 Resp: 59261

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

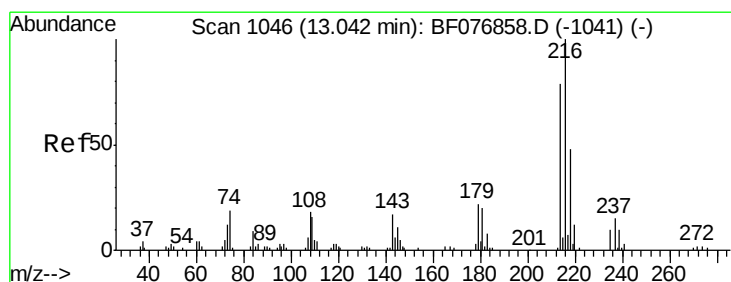
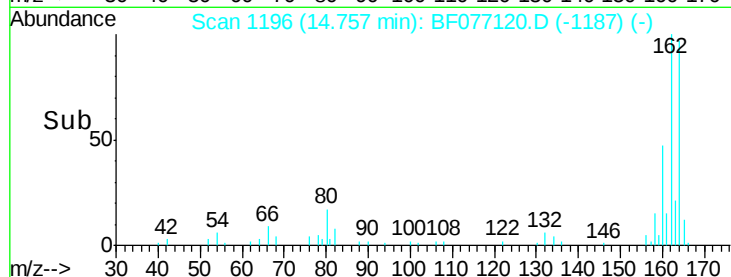
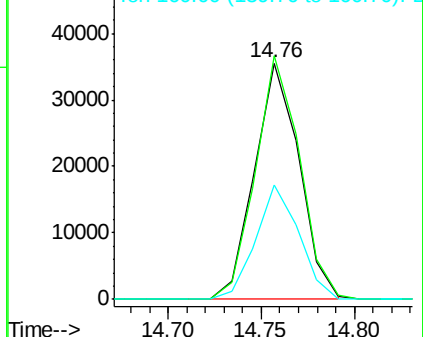
160 48.5 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.38 ng

RT: 12.75 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Tgt Ion:216 Resp: 66494

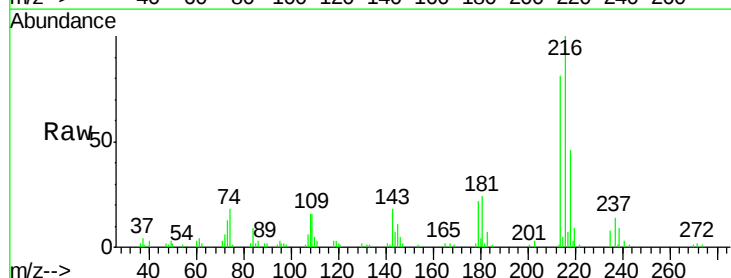
Ion Ratio Lower Upper

216 100

214 81.3 64.9 97.3

179 23.2 18.6 28.0

108 21.8 18.1 27.1

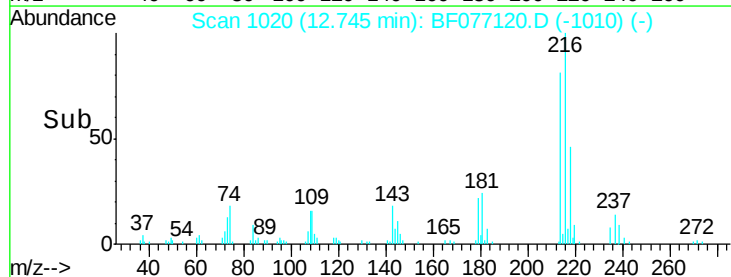
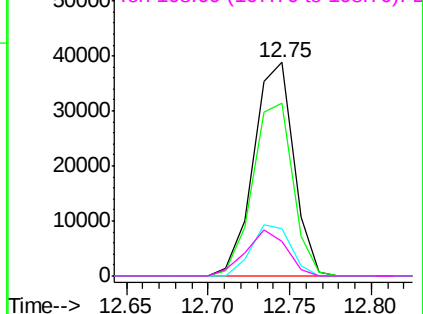


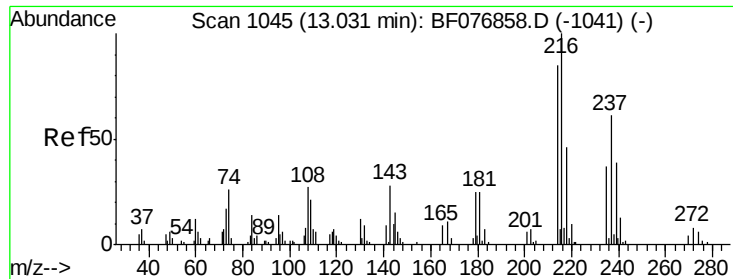
Abundance Ion 216.00 (215.70 to 216.70): E

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

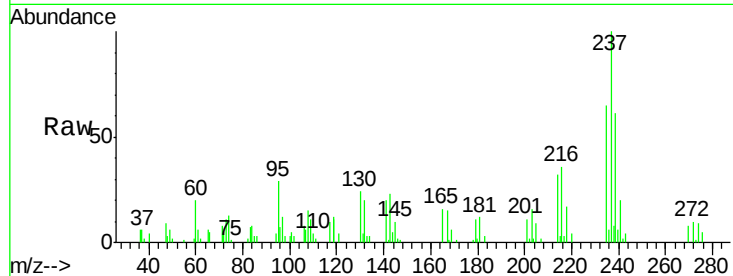




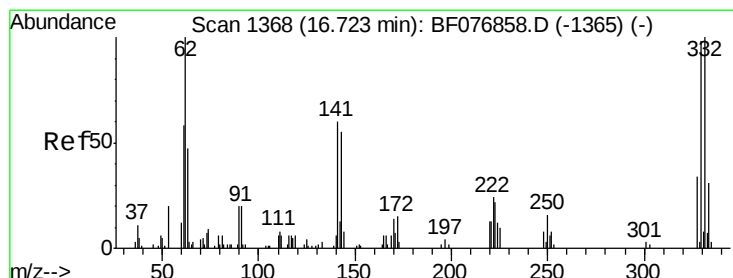
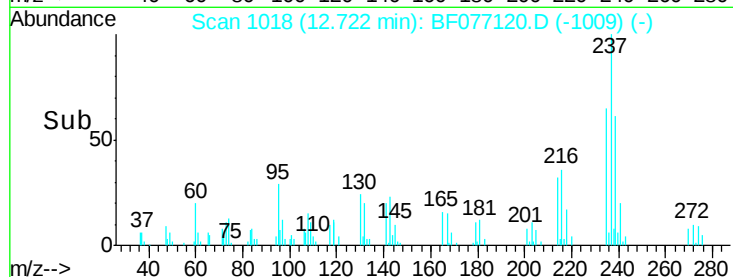
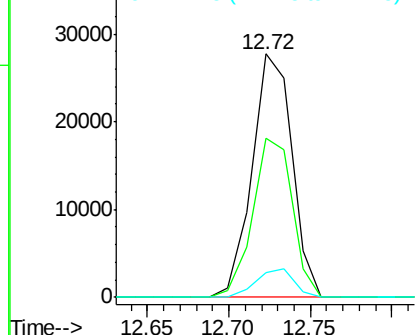
#40
Hexachlorocyclopentadiene
Concen: 60.90 ng
RT: 12.72 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 47121
Ion Ratio Lower Upper
237 100
235 65.4 40.4 80.4
272 10.3 0.0 33.2

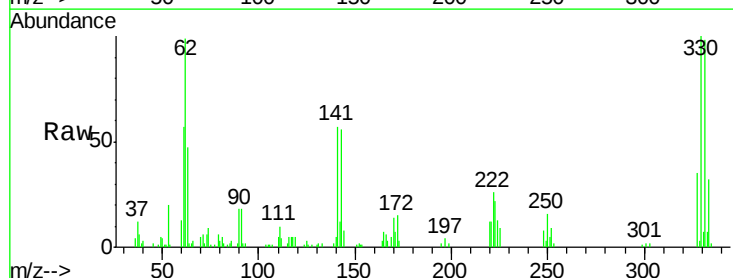


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

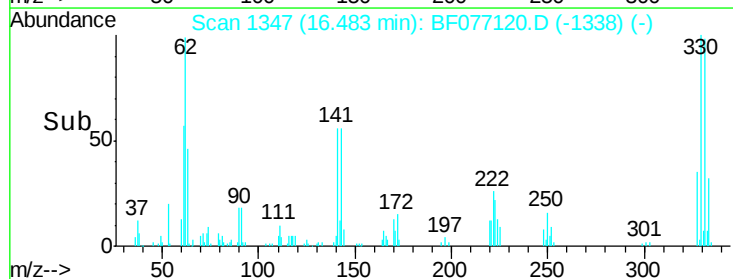
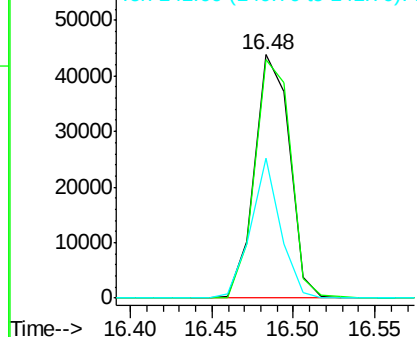


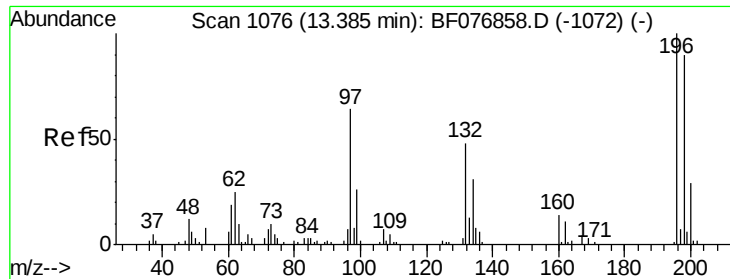
#41
2,4,6-Tribromophenol
Concen: 136.16 ng
RT: 16.48 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:330 Resp: 65499
Ion Ratio Lower Upper
330 100
332 100.4 77.8 116.6
141 48.4 38.5 57.7



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

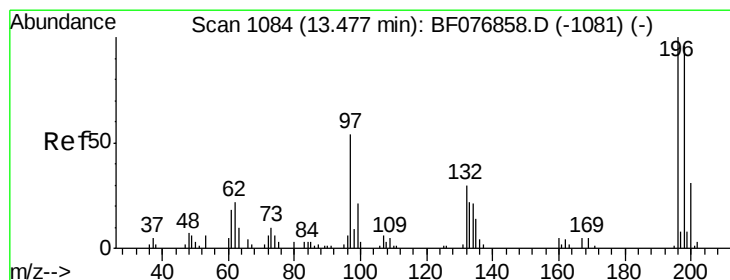
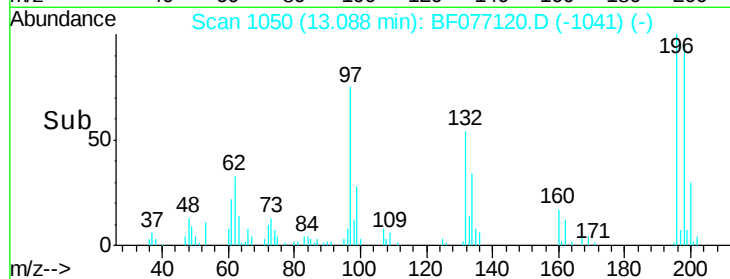
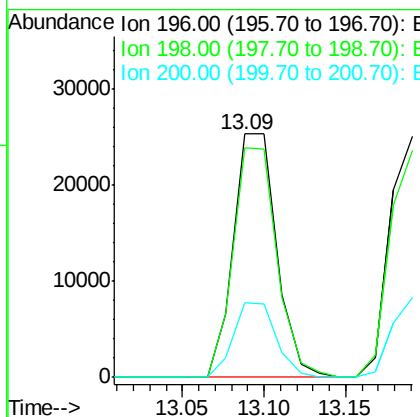
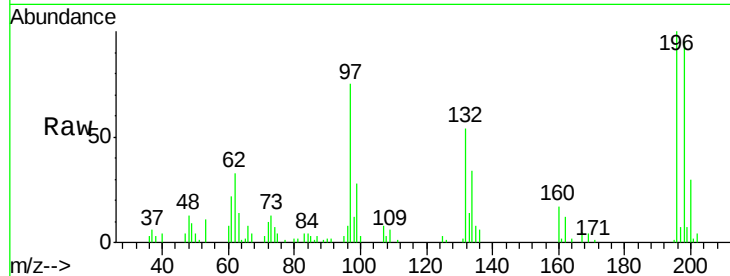




#42
2,4,6-Trichlorophenol
Concen: 43.43 ng
RT: 13.09 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

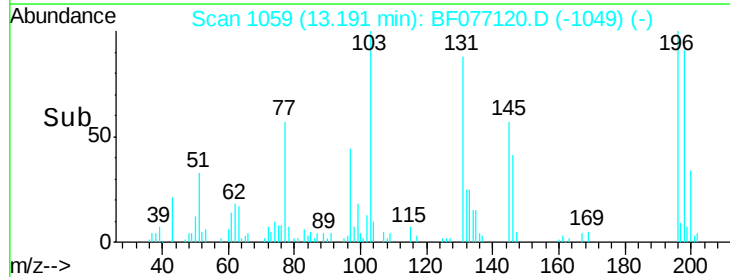
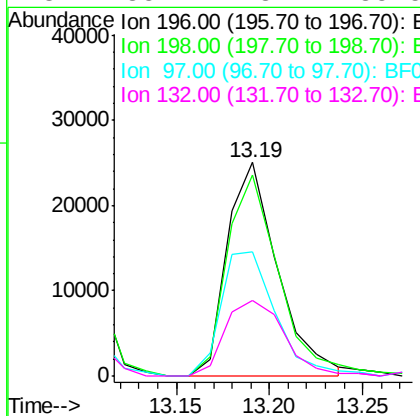
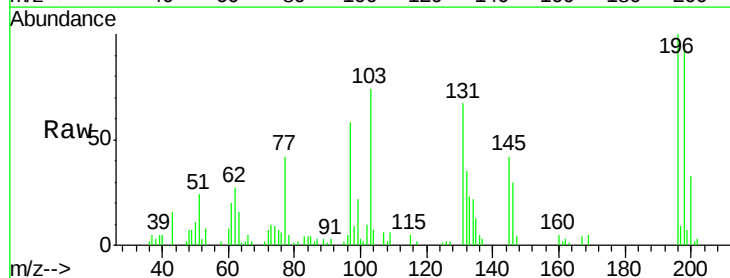
Instrument :
BNA_F
ClientSampled :

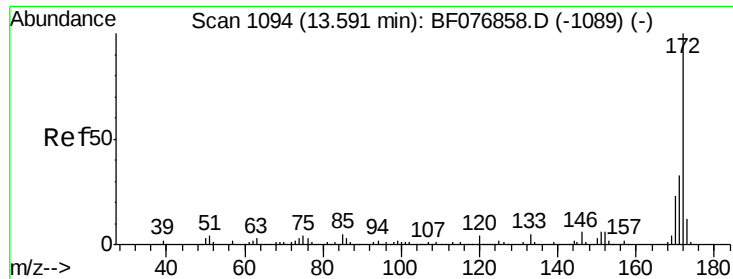
Tot Ion:196 Resp: 46364
Ion Ratio Lower Upper
196 100
198 94.5 72.0 108.0
200 30.5 23.4 35.2



#43
2,4,5-Trichlorophenol
Concen: 43.59 ng
RT: 13.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:196 Resp: 47463
Ion Ratio Lower Upper
196 100
198 94.0 76.6 115.0
97 58.2 43.4 65.0
132 35.4 23.7 35.5

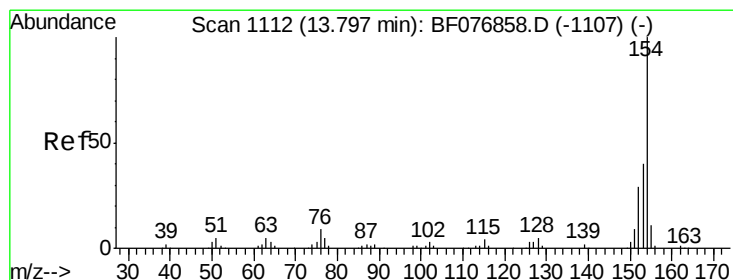
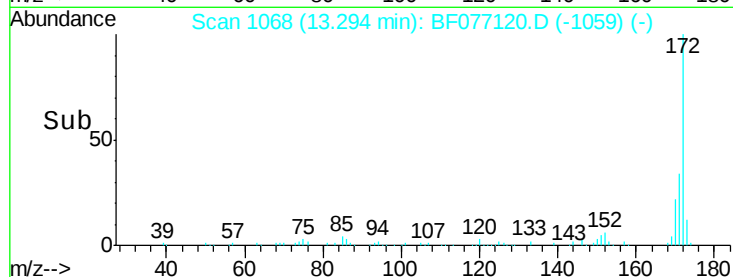
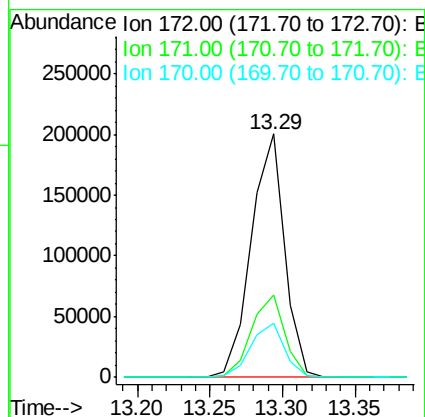
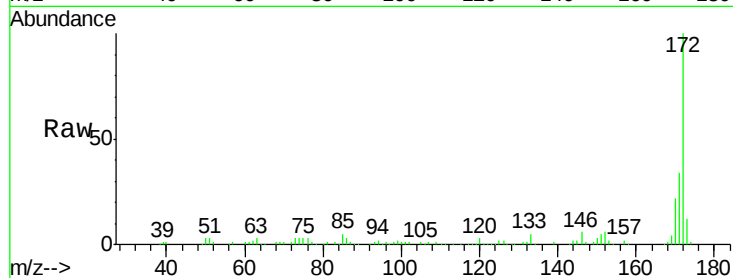




#44
2-Fluorobiphenyl
Concen: 81.69 ng
RT: 13.29 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

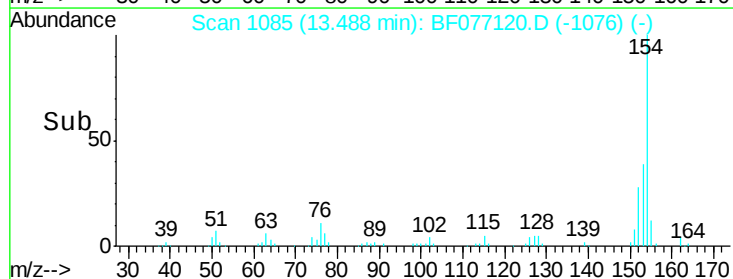
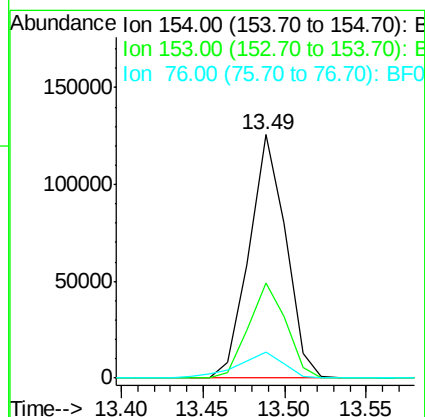
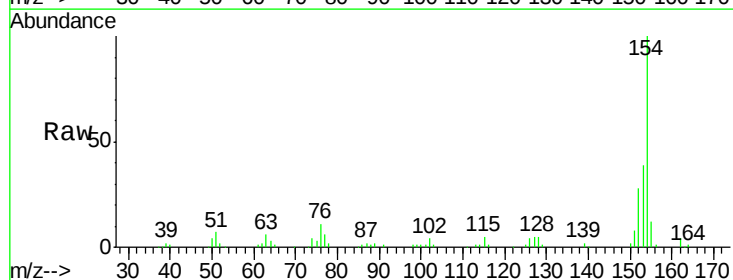
Instrument :
BNA_F
ClientSampled :

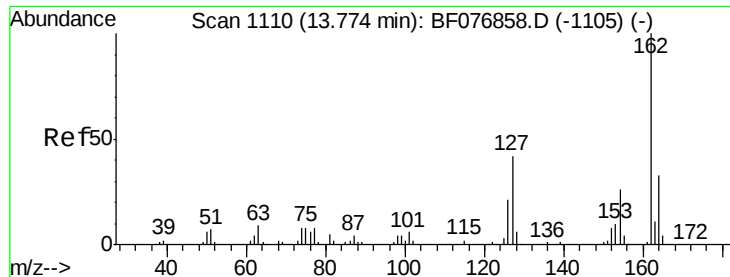
Tot Ion:172 Resp: 318112
Ion Ratio Lower Upper
172 100
171 33.6 26.6 40.0
170 22.3 18.0 27.0



#45
1,1'-Biphenyl
Concen: 44.62 ng
RT: 13.49 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:154 Resp: 196042
Ion Ratio Lower Upper
154 100
153 38.9 20.2 60.2
76 10.8 0.0 29.0

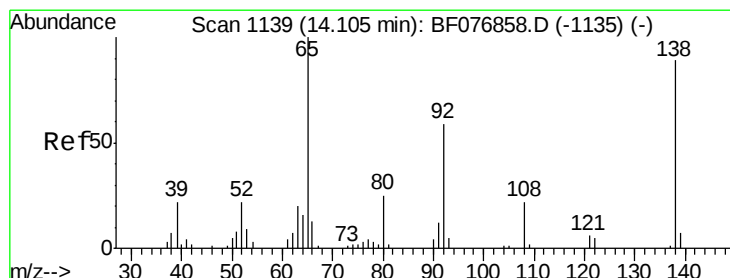
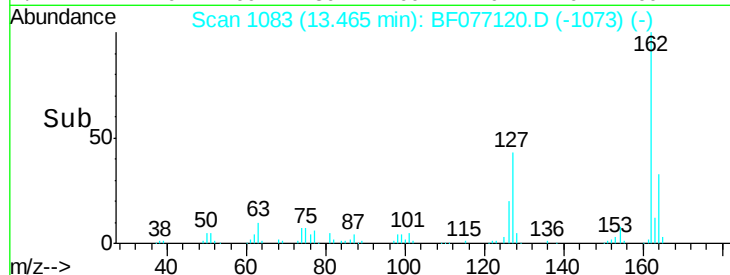
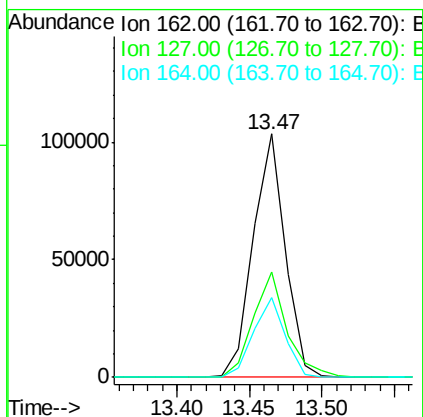
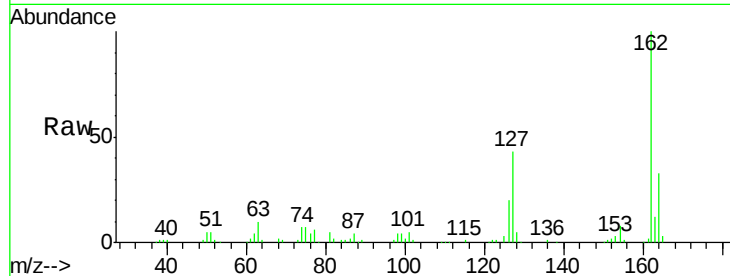




#46
2-Chloronaphthalene
Concen: 43.83 ng
RT: 13.47 min Scan# 1083
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

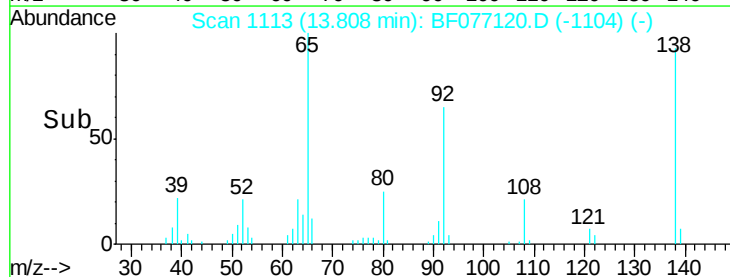
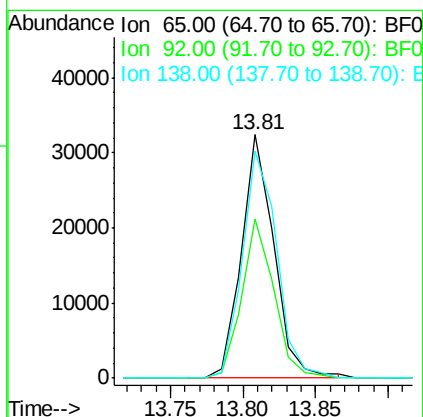
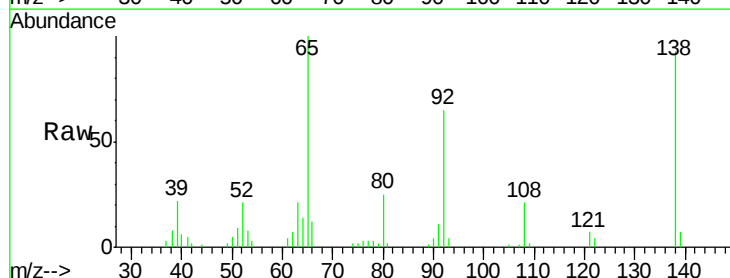
Instrument :
BNA_F
ClientSampleId :

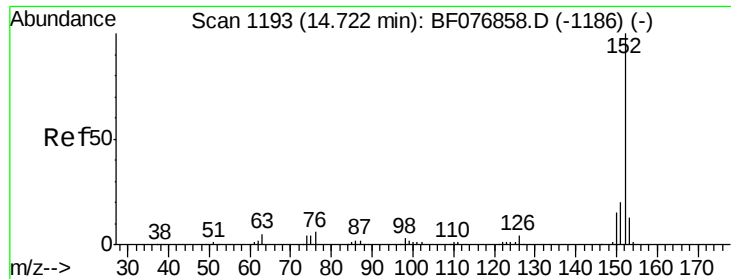
Tot Ion:162 Resp: 158448
Ion Ratio Lower Upper
162 100
127 43.5 33.8 50.6
164 32.5 26.8 40.2



#47
2-Nitroaniline
Concen: 46.05 ng
RT: 13.81 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion: 65 Resp: 50499
Ion Ratio Lower Upper
65 100
92 65.3 47.3 70.9
138 93.1 71.4 107.2





#48

Acenaphthylene

Concen: 41.22 ng

RT: 14.41 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

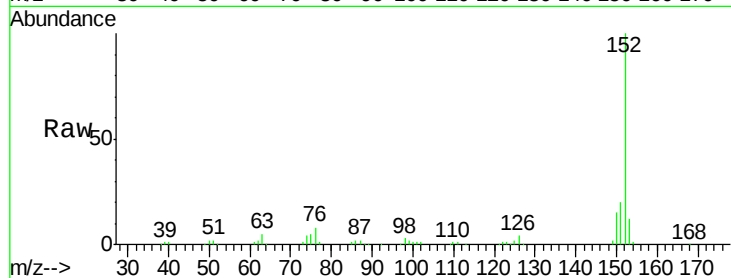
Tot Ion:152 Resp: 251375

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

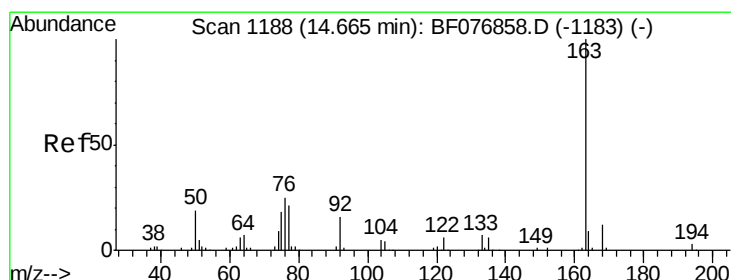
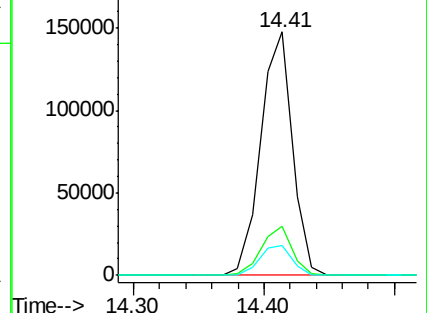
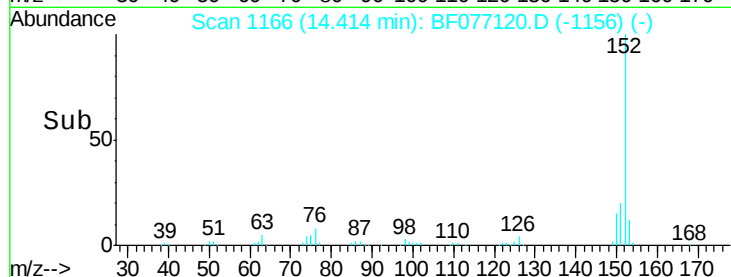
153 12.4 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.19 ng

RT: 14.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

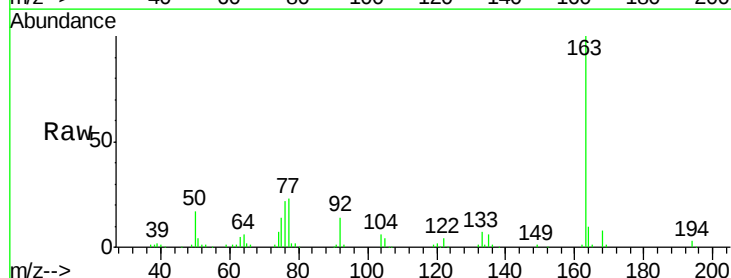
Tgt Ion:163 Resp: 198328

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

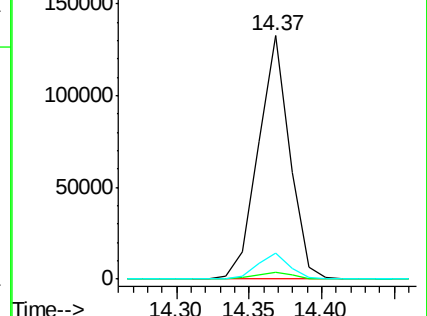
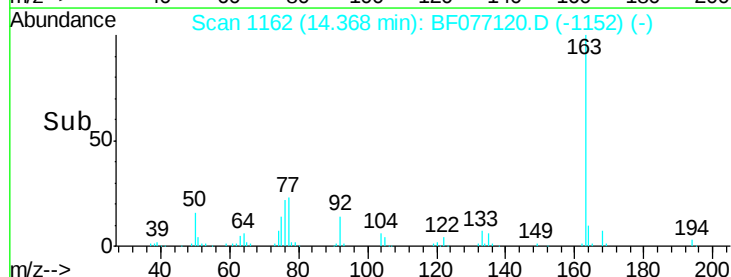
164 10.4 7.5 11.3

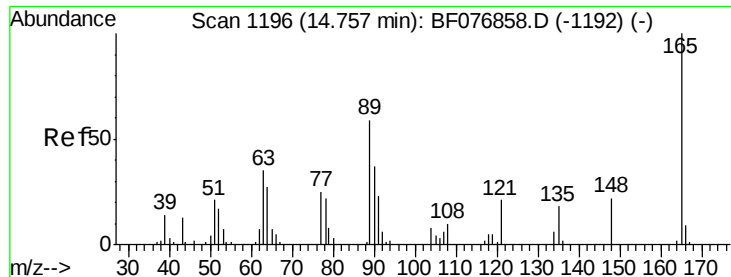


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

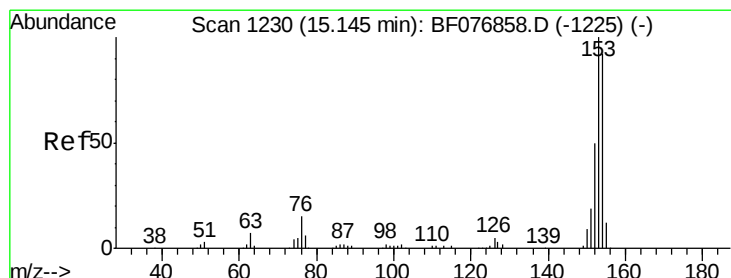
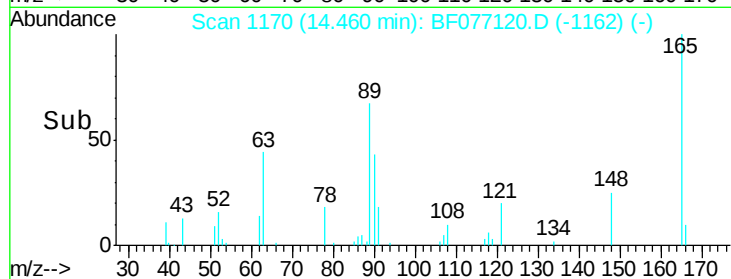
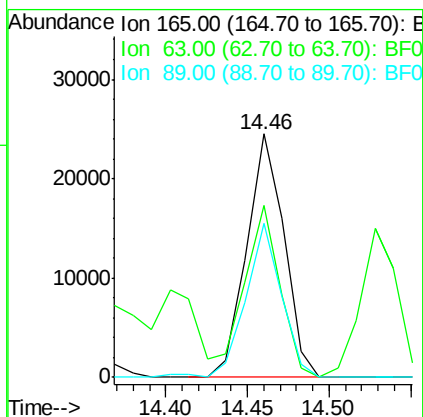
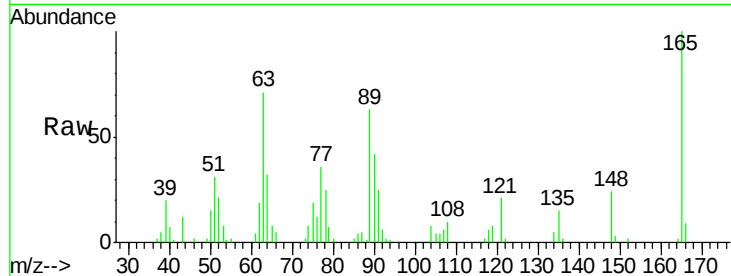




#50
2,6-Dinitrotoluene
Concen: 46.31 ng
RT: 14.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

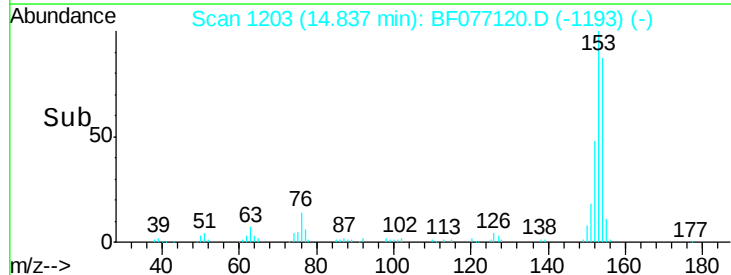
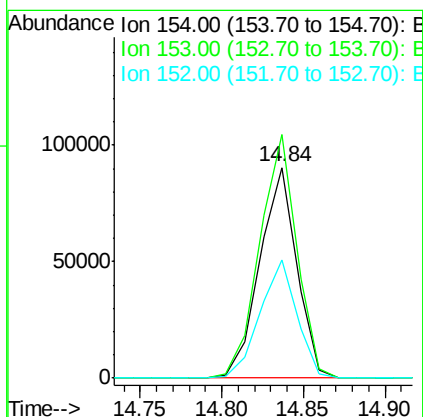
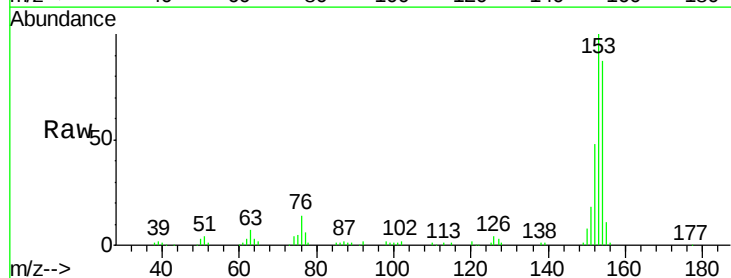
Instrument :
BNA_F
ClientSampleId :

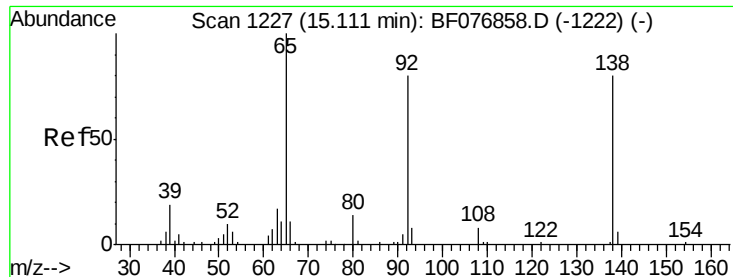
Tot Ion:165 Resp: 38882
Ion Ratio Lower Upper
165 100
63 70.6 48.1 72.1
89 63.3 47.2 70.8



#51
Acenaphthene
Concen: 41.43 ng
RT: 14.84 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:154 Resp: 143355
Ion Ratio Lower Upper
154 100
153 115.5 87.0 130.6
152 55.9 43.5 65.3

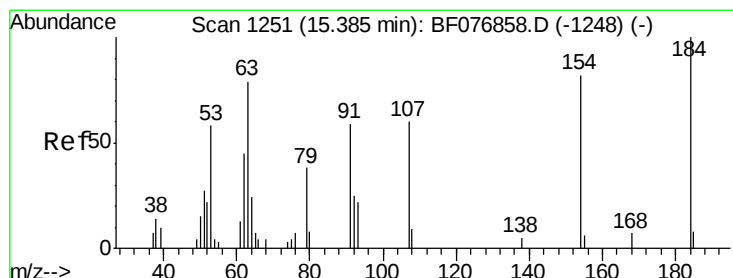
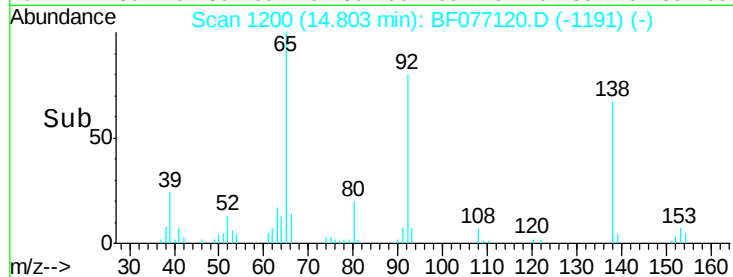
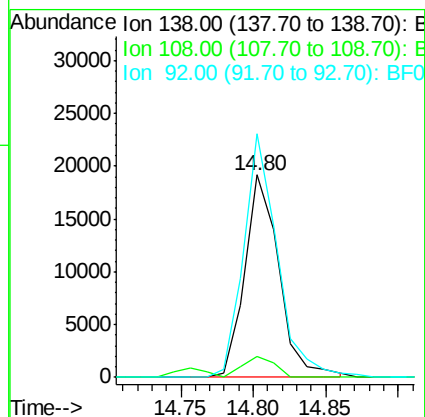
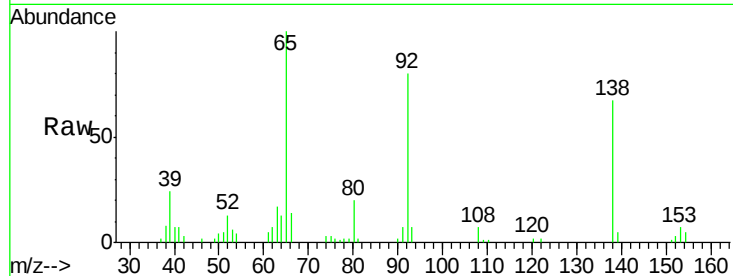




#52
3-Nitroaniline
Concen: 29.32 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

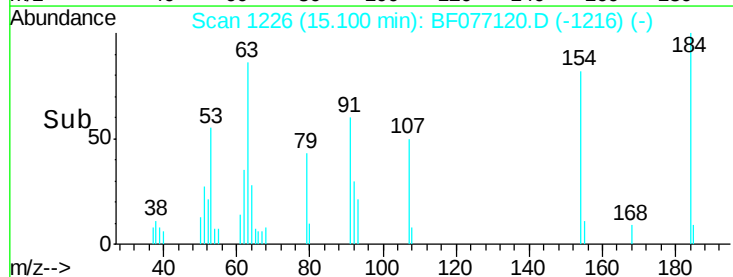
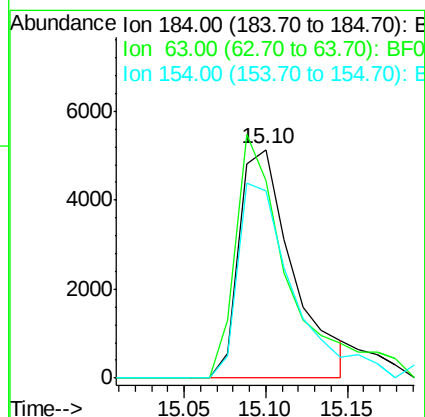
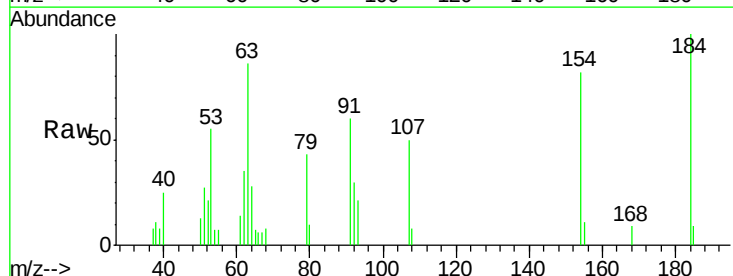
Instrument :
BNA_F
ClientSampleId :

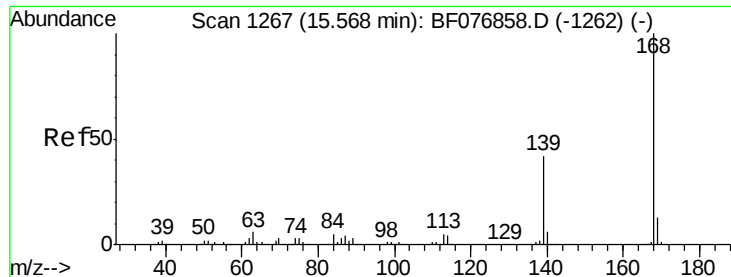
Tot Ion:138 Resp: 31347
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 120.5 80.9 121.3



#53
2,4-Dinitrophenol
Concen: 37.13 ng
RT: 15.10 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:184 Resp: 11722
Ion Ratio Lower Upper
184 100
63 86.2 63.0 94.6
154 81.9 65.5 98.3





#54

Dibenzenofuran

Concen: 45.05 ng

RT: 15.26 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

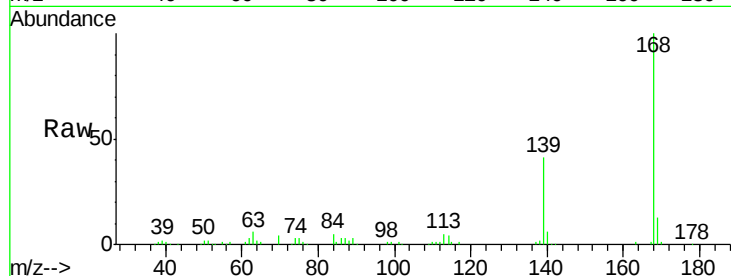
Tot Ion:168 Resp: 227060

Ion Ratio Lower Upper

168 100

139 41.0 33.4 50.2

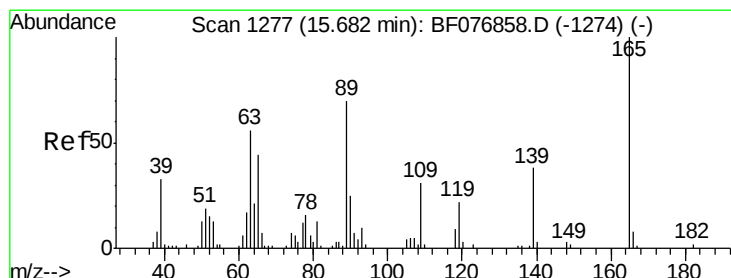
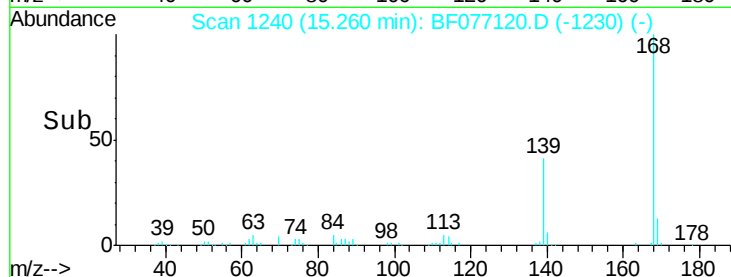
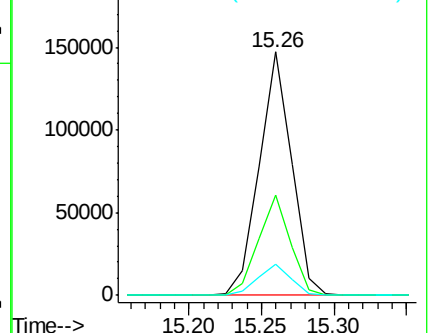
169 12.6 10.6 15.8



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: 82.82 ng

RT: 15.42 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

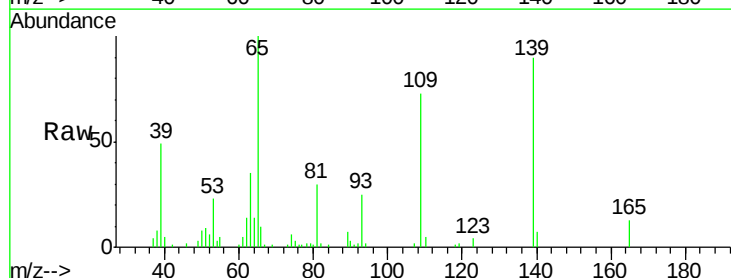
Tgt Ion:139 Resp: 54560

Ion Ratio Lower Upper

139 100

109 81.4 61.0 101.0

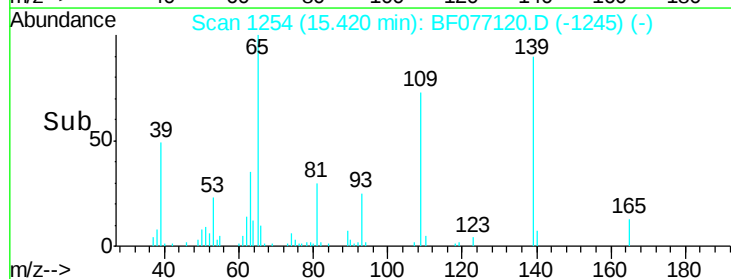
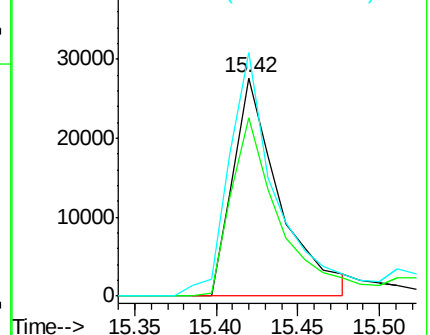
65 111.4 96.6 136.6

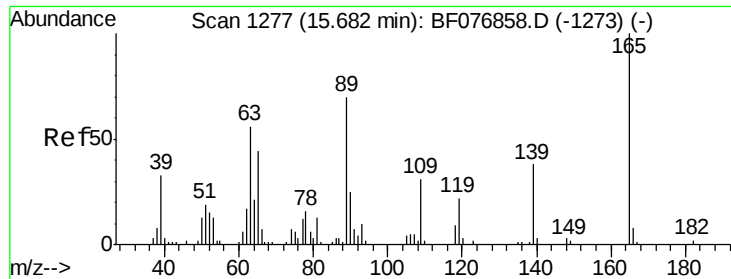


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

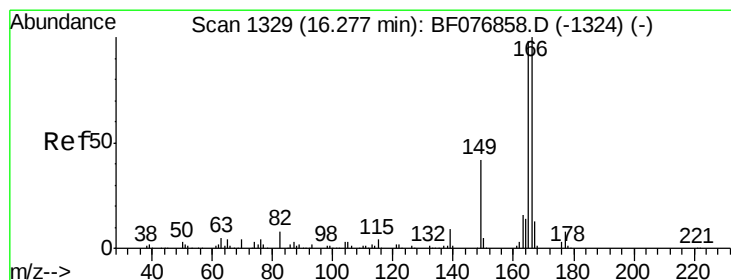
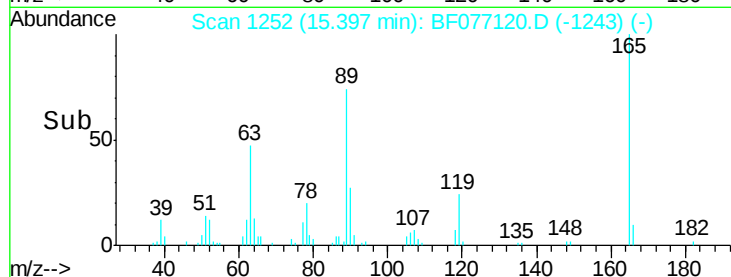
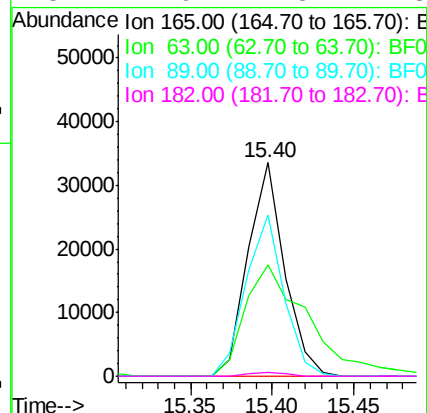
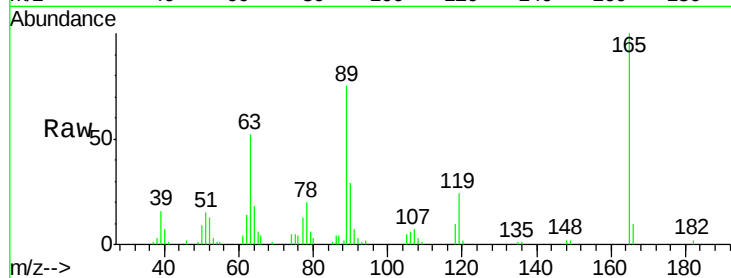




#56
2,4-Dinitrotoluene
Concen: 41.97 ng
RT: 15.40 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

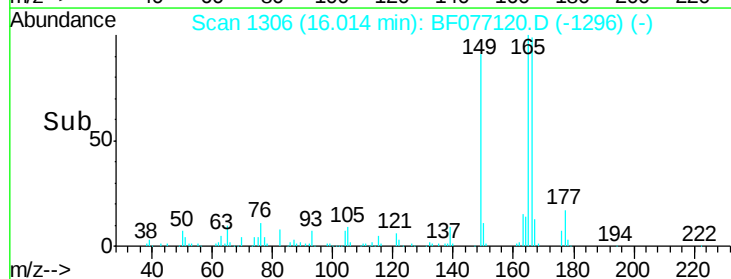
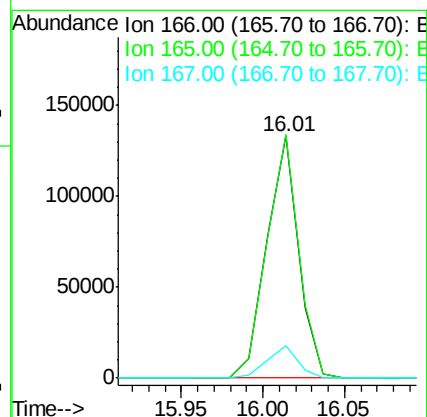
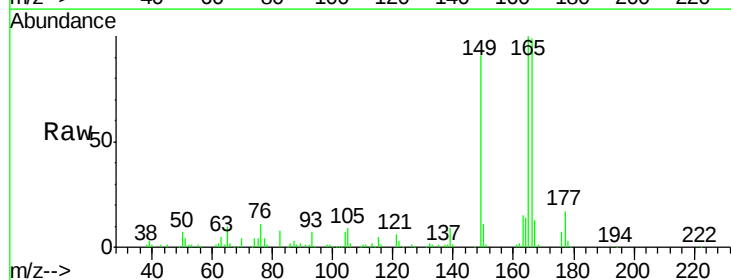
Instrument :
BNA_F
ClientSampled :

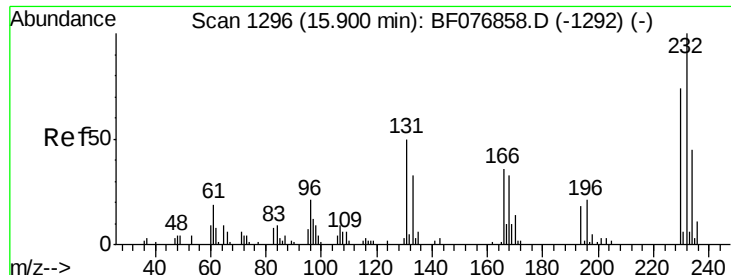
Tot Ion:165 Resp: 52479
Ion Ratio Lower Upper
165 100
63 52.2 44.8 67.2
89 75.3 56.2 84.2
182 1.9 1.5 2.3



#57
Fluorene
Concen: 42.54 ng
RT: 16.01 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:166 Resp: 181634
Ion Ratio Lower Upper
166 100
165 100.6 78.5 117.7
167 13.3 10.4 15.6

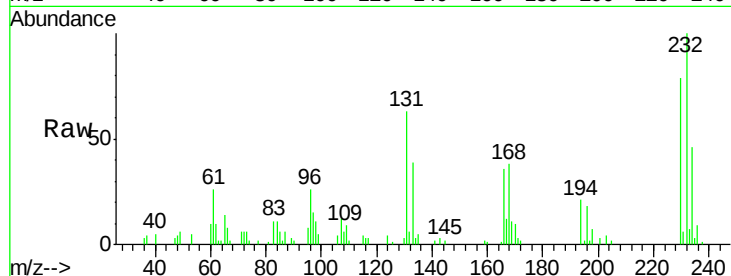




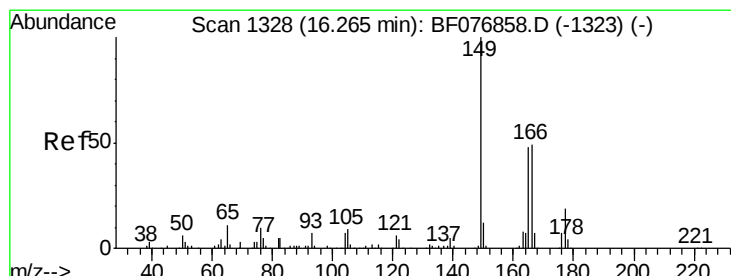
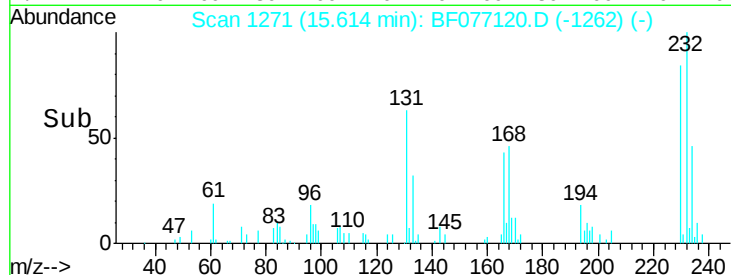
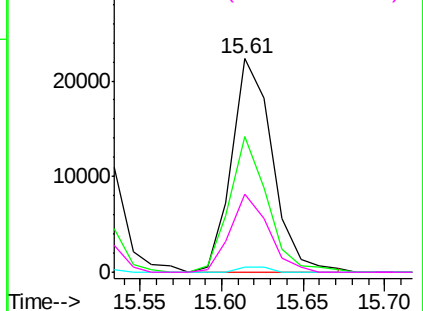
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.52 ng
 RT: 15.61 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF077120.D
 Acq: 29 Jan 2015 5:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 38464
 Ion Ratio Lower Upper
 232 100
 131 59.7 45.0 67.6
 130 2.0 2.6 3.8#
 166 34.5 30.9 46.3

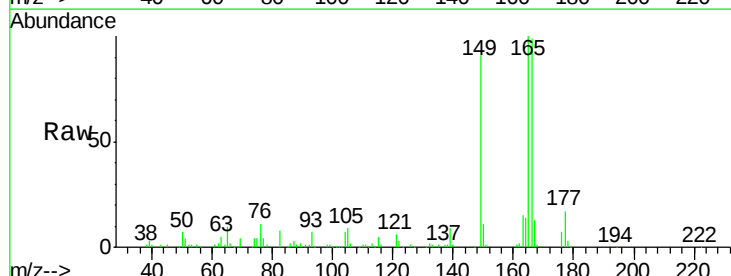


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

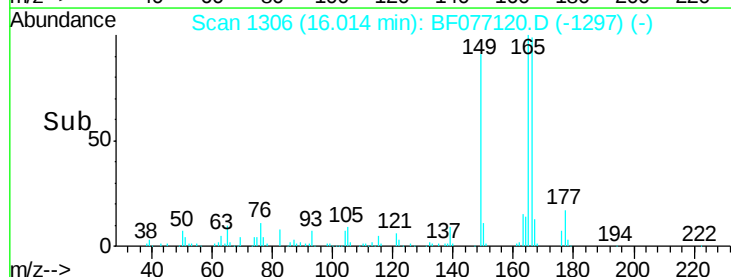
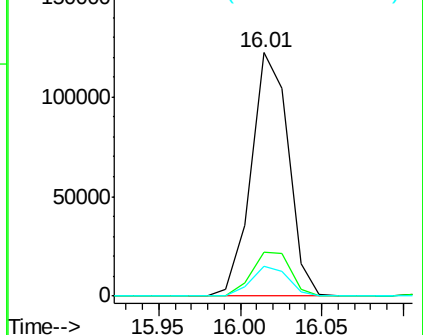


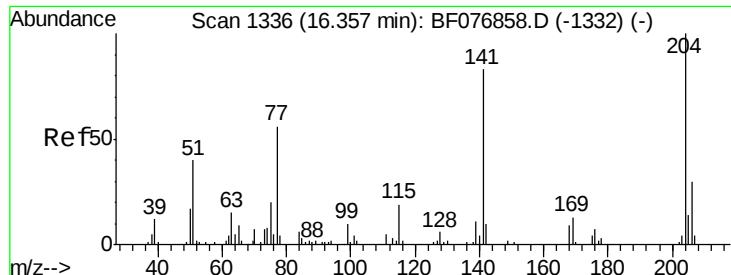
#59
 Diethylphthalate
 Concen: 45.68 ng
 RT: 16.01 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF077120.D
 Acq: 29 Jan 2015 5:00

Tgt Ion:149 Resp: 194043
 Ion Ratio Lower Upper
 149 100
 177 18.1 15.0 22.6
 150 12.1 9.4 14.0



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

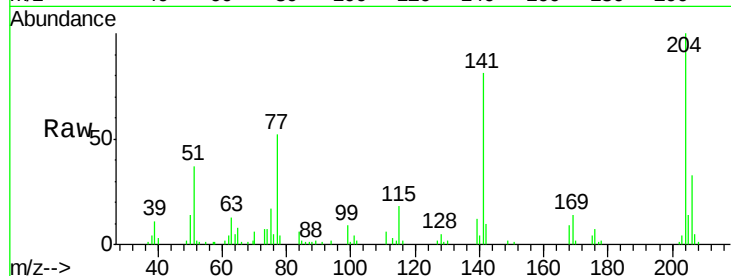




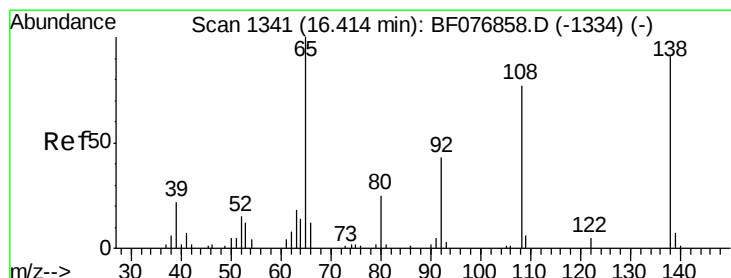
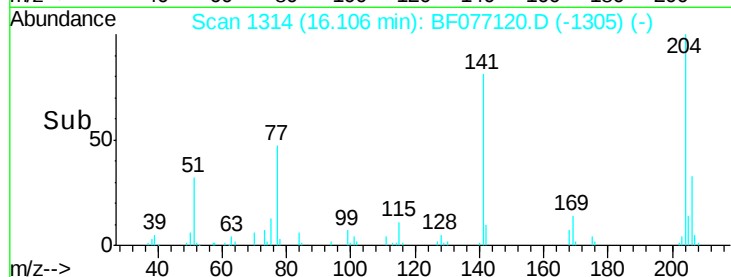
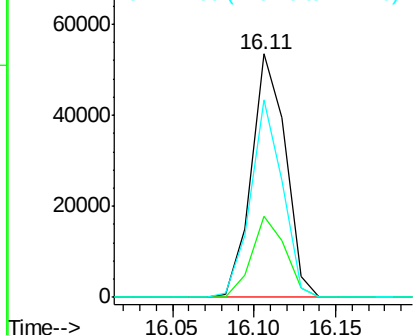
#60
4-Chlorophenyl-phenylether
Concen: 44.37 ng
RT: 16.11 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 77520
Ion Ratio Lower Upper
204 100
206 33.0 24.2 36.2
141 81.3 66.7 100.1

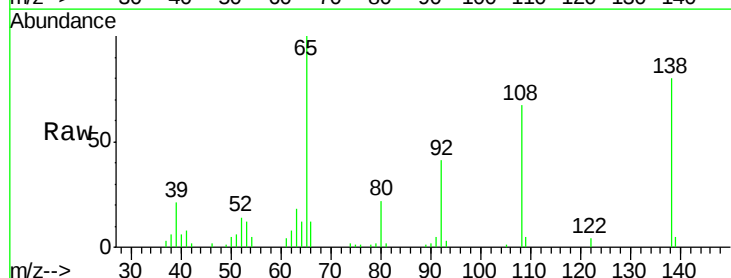


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

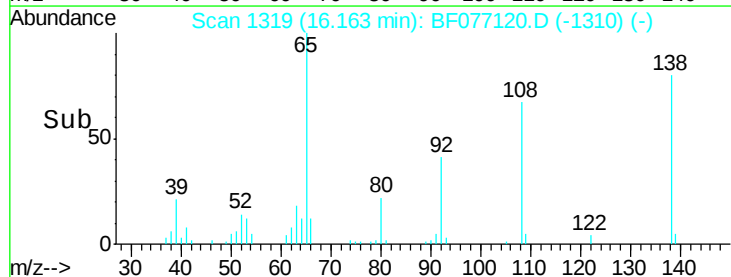
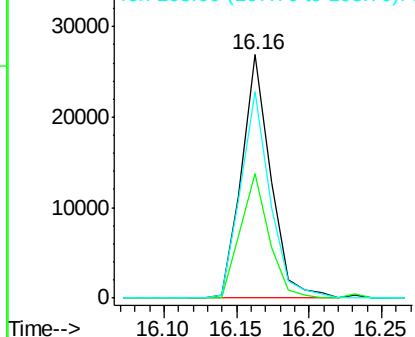


#61
4-Nitroaniline
Concen: 35.84 ng
RT: 16.16 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:138 Resp: 37535
Ion Ratio Lower Upper
138 100
92 51.4 26.7 66.7
108 84.7 64.5 104.5



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





#62

Azobenzene

Concen: 43.44 ng

RT: 16.40 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 192250

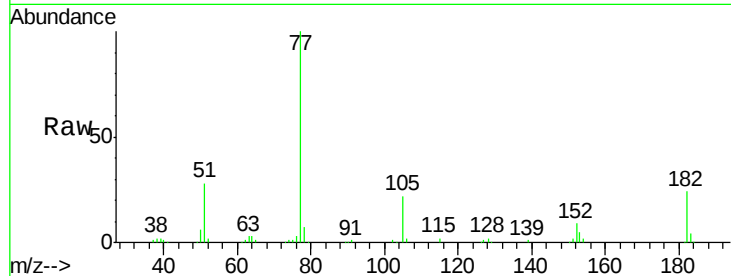
Ion	Ratio	Lower	Upper
77	100		
182	24.0	2.0	42.0
105	22.1	2.3	42.3
51	28.0	10.7	50.7

77 100

182 24.0 2.0 42.0

105 22.1 2.3 42.3

51 28.0 10.7 50.7

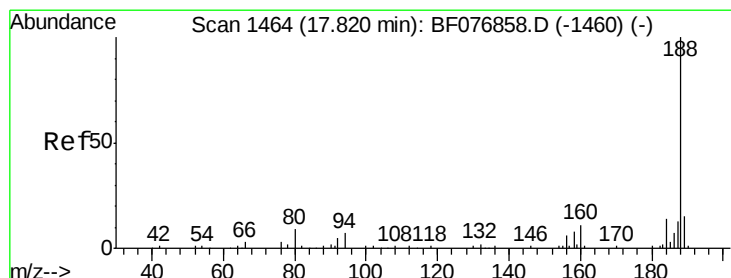
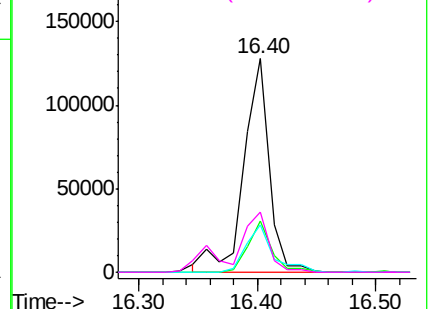
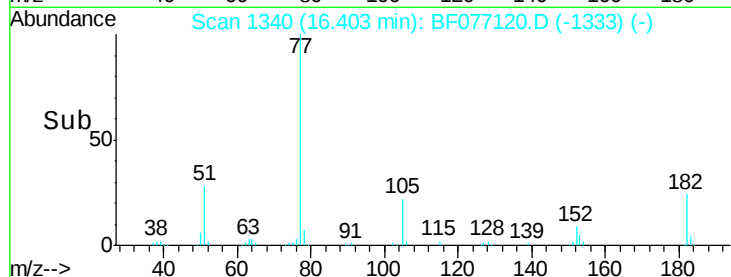


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.60 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

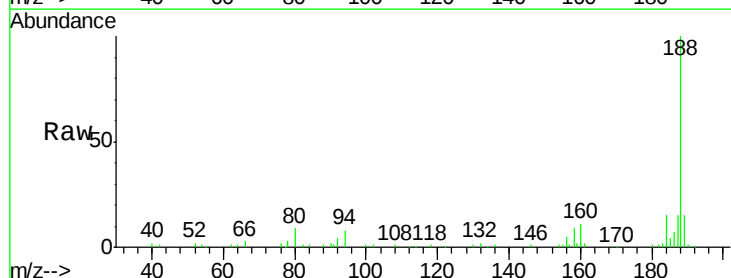
Tgt Ion: 188 Resp: 108932

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.0	9.0
80	8.7	6.9	10.3

188 100

94 7.8 6.0 9.0

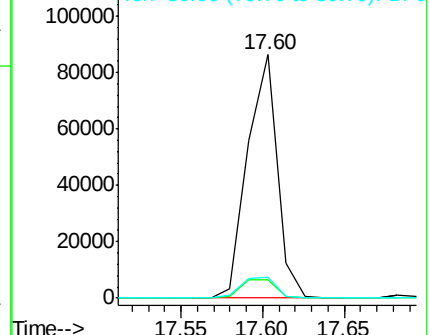
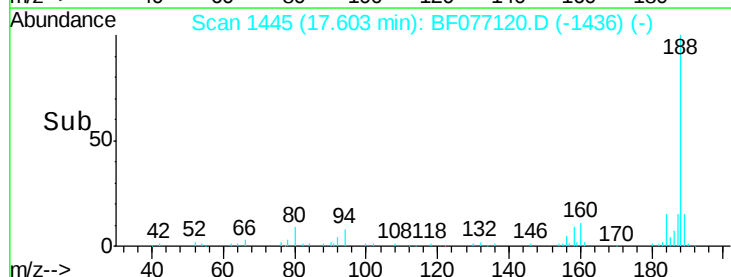
80 8.7 6.9 10.3

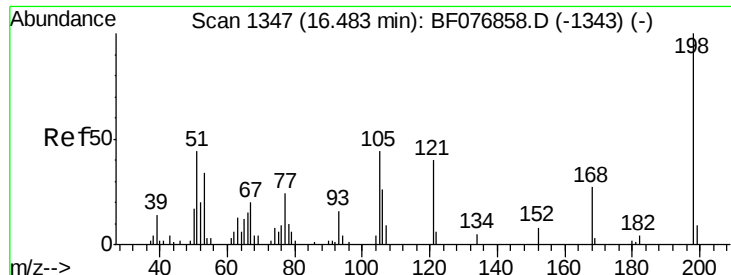


Abundance Ion 188.00 (187.70 to 188.70): E

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: 27.16 ng

RT: 16.24 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

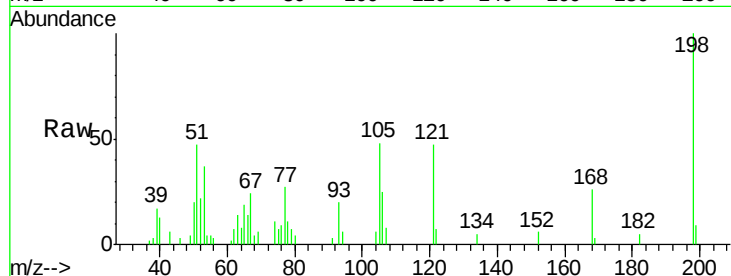
Tot Ion:198 Resp: 17931

Ion Ratio Lower Upper

198 100

51 47.4 24.2 64.2

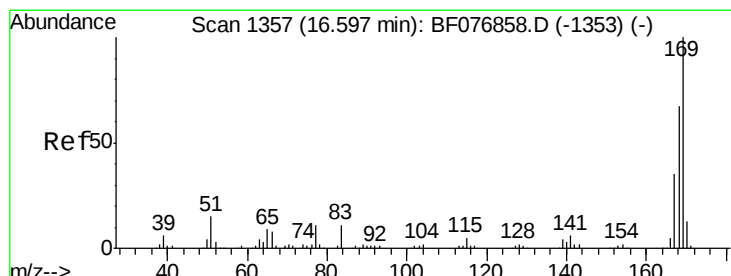
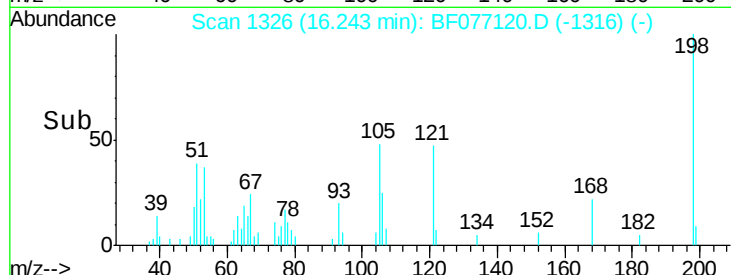
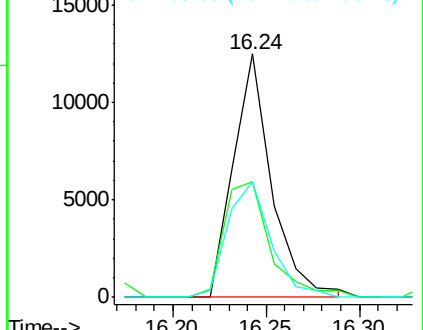
105 47.6 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.42 ng

RT: 16.36 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

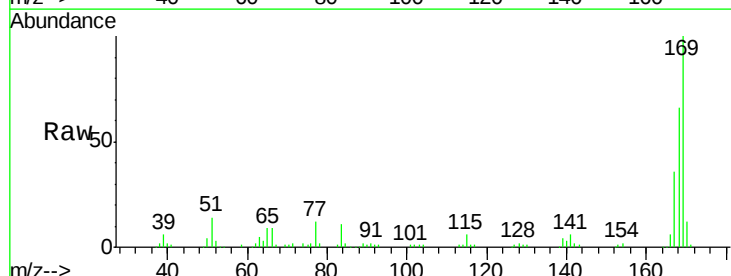
Tgt Ion:169 Resp: 153131

Ion Ratio Lower Upper

169 100

168 65.6 53.8 80.6

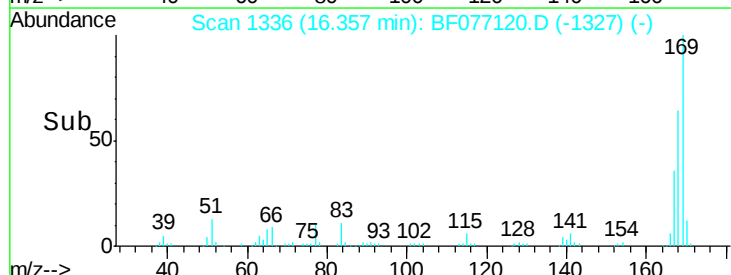
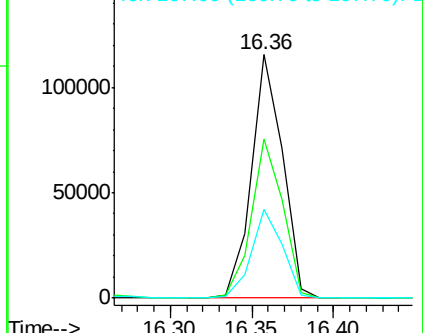
167 36.5 27.8 41.6

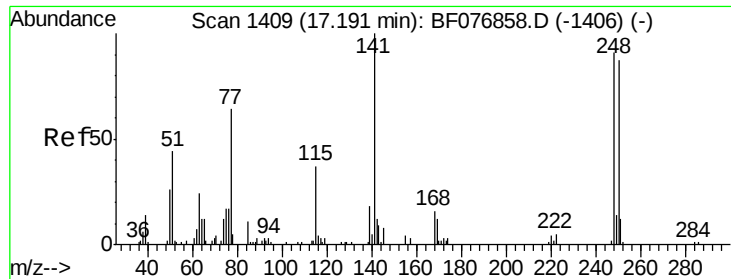


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

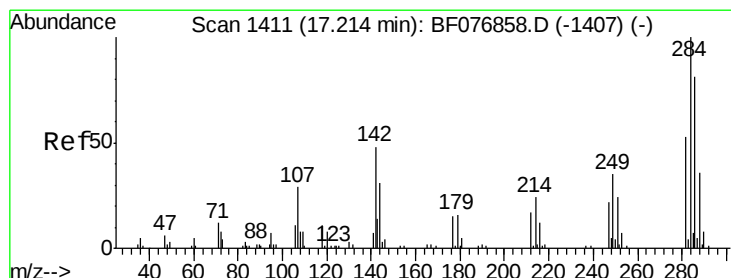
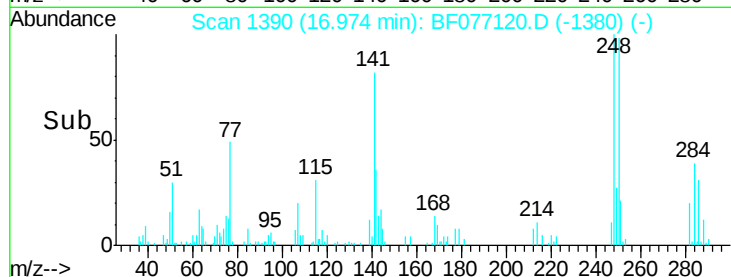
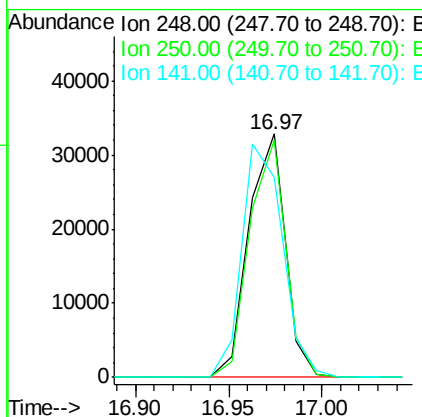
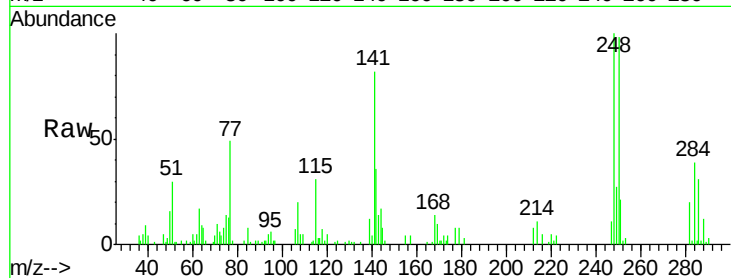




#66
4-Bromophenyl-phenylether
Concen: 40.41 ng
RT: 16.97 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

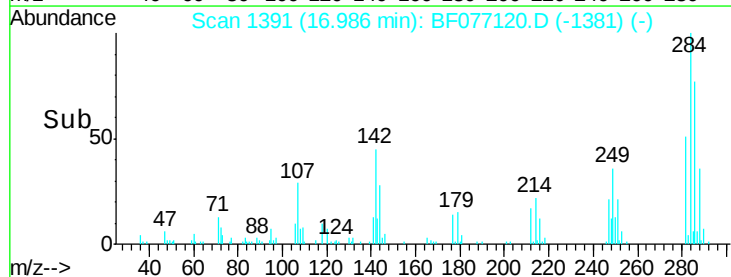
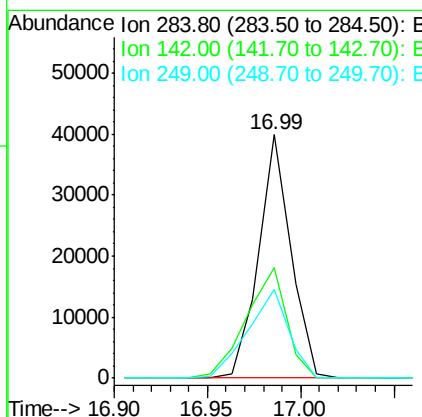
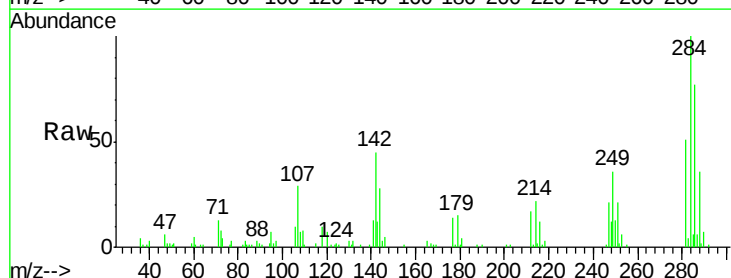
Instrument :
BNA_F
ClientSampled :

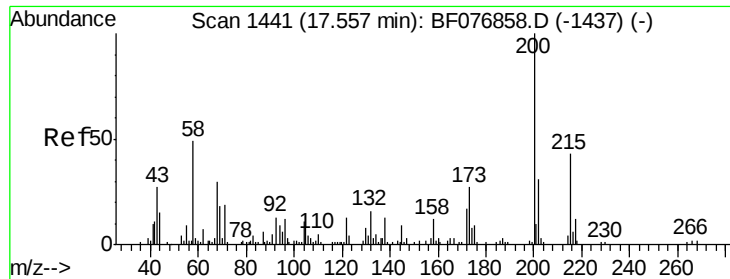
Tot Ion:248 Resp: 44599
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 82.2 88.2 132.4#



#67
Hexachlorobenzene
Concen: 40.98 ng
RT: 16.99 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:284 Resp: 47664
Ion Ratio Lower Upper
284 100
142 45.5 38.2 57.4
249 36.2 28.2 42.2

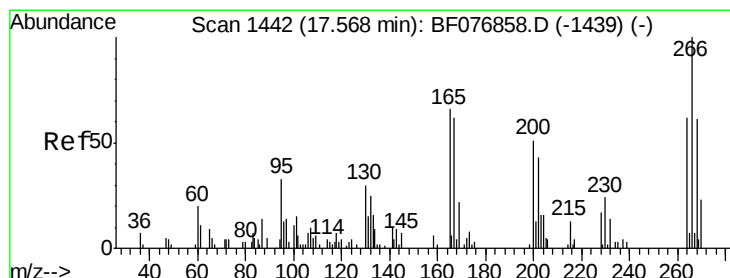
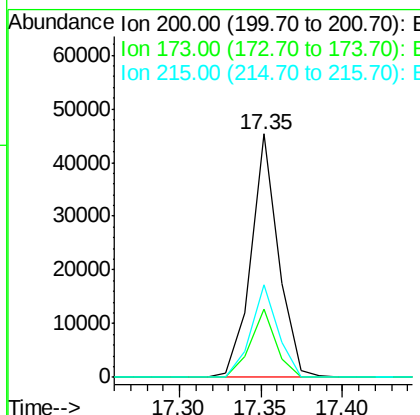
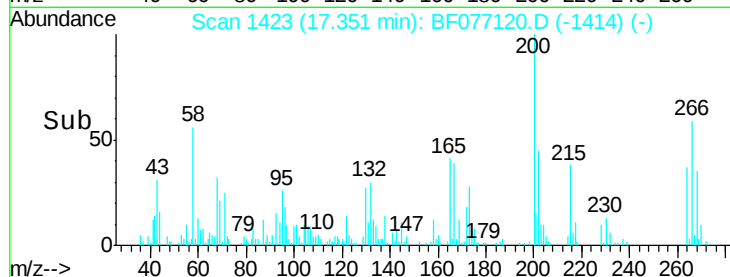
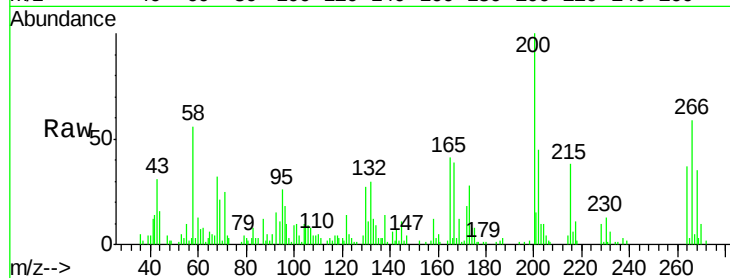




#68
Atrazine
Concen: 44.83 ng
RT: 17.35 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

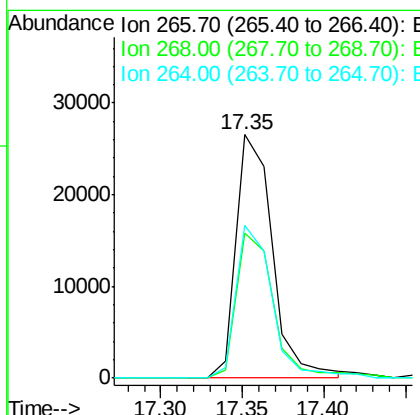
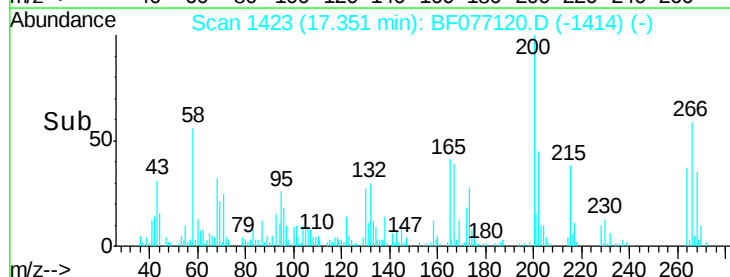
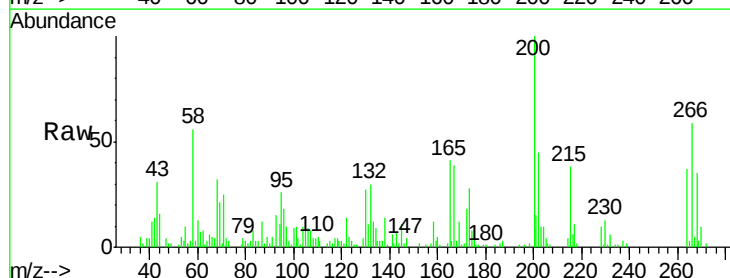
Instrument :
BNA_F
ClientSampled :

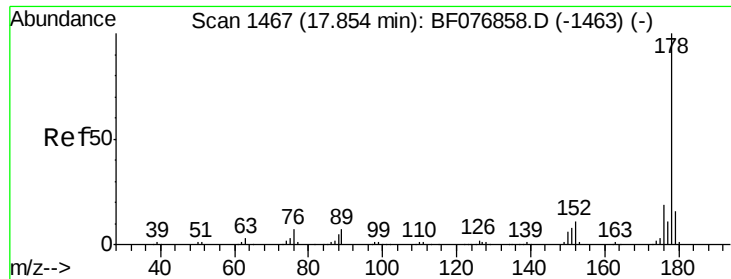
Tot Ion:200 Resp: 52843
Ion Ratio Lower Upper
200 100
173 27.8 6.6 46.6
215 38.1 22.9 62.9



#69
Pentachlorophenol
Concen: 77.06 ng
RT: 17.35 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:266 Resp: 40963
Ion Ratio Lower Upper
266 100
268 59.6 48.6 72.8
264 62.7 49.5 74.3

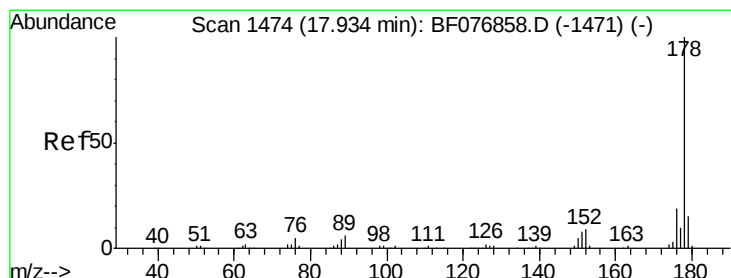
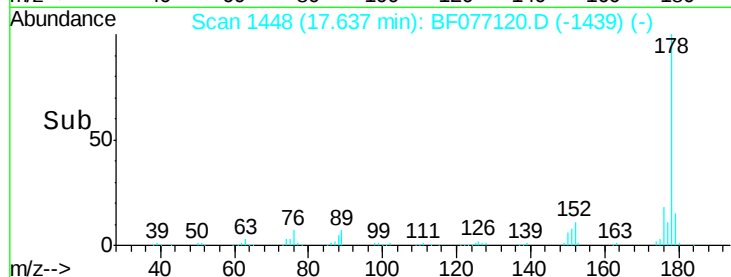
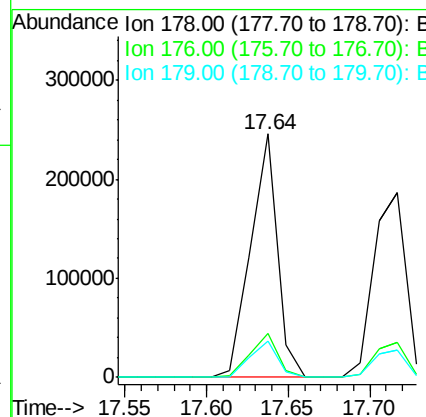
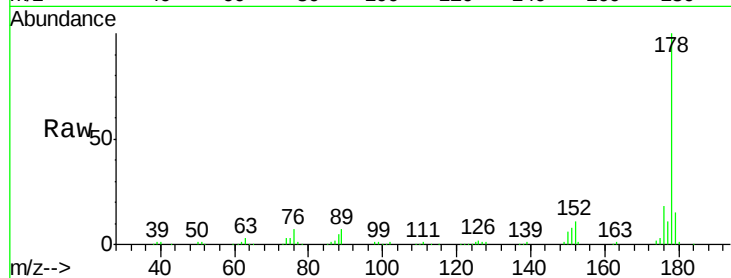




#70
Phenanthrene
Concen: 41.18 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

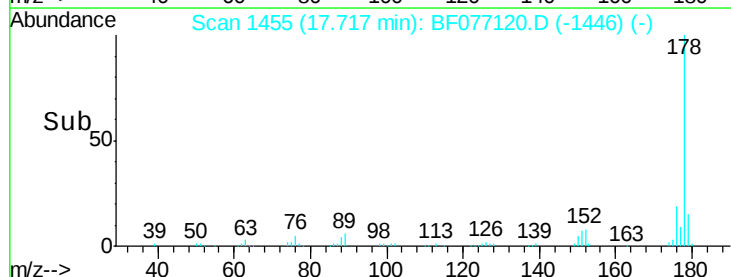
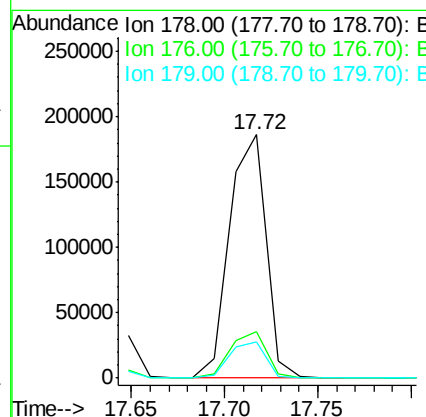
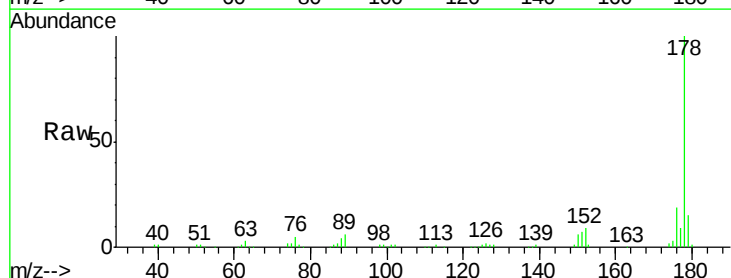
Instrument :
BNA_F
ClientSampleId :

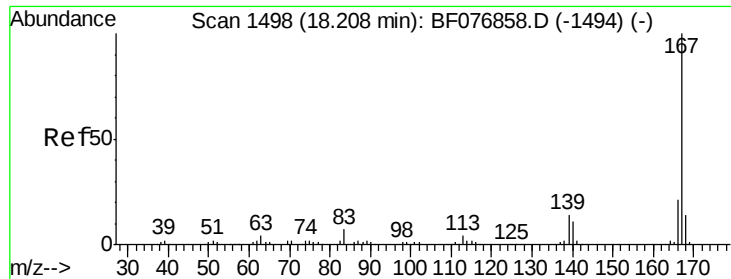
Tot Ion:178 Resp: 279720
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 14.8 12.7 19.1



#71
Anthracene
Concen: 38.70 ng
RT: 17.72 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:178 Resp: 256372
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.9 11.9 17.9

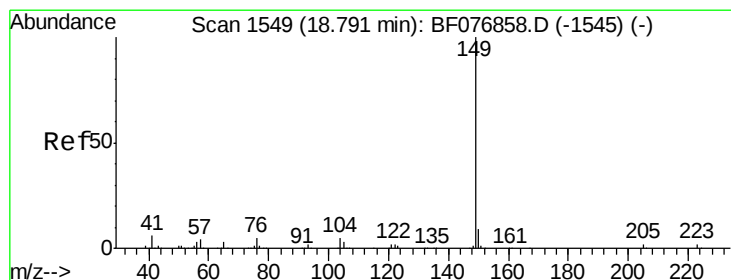
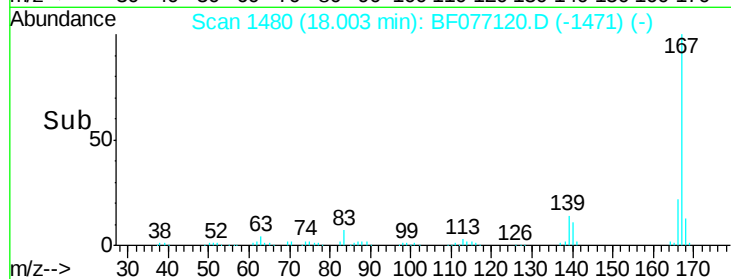
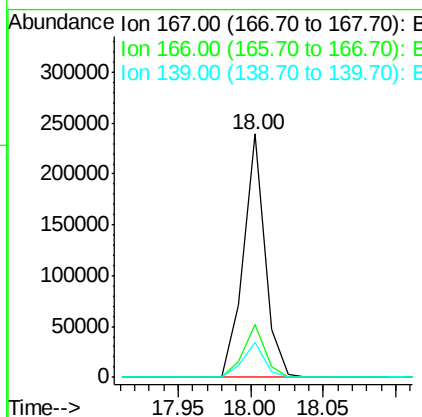
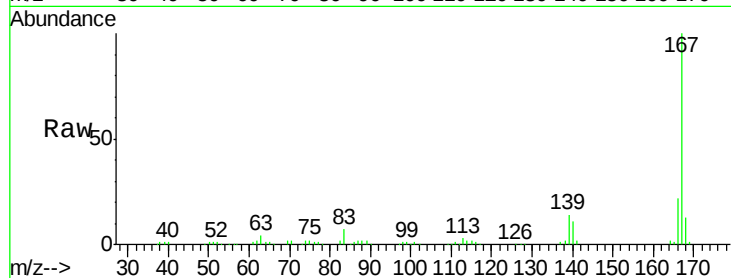




#72
 Carbazole
 Concen: 38.83 ng
 RT: 18.00 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF077120.D
 Acq: 29 Jan 2015 5:00

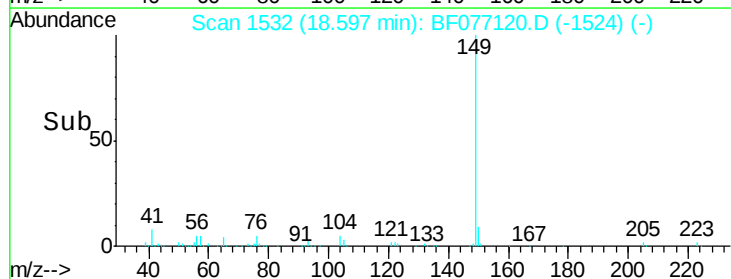
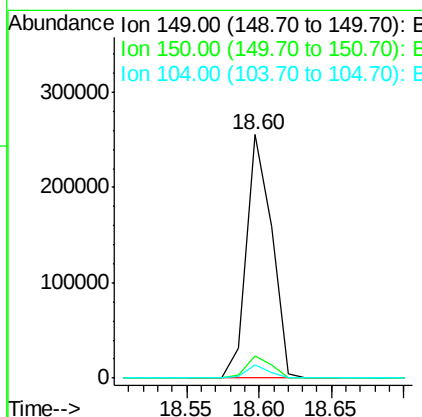
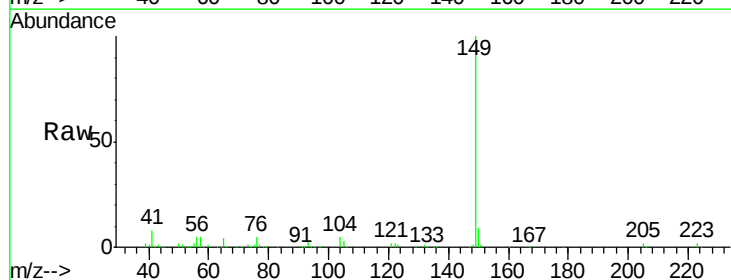
Instrument :
 BNA_F
 ClientSampleId :

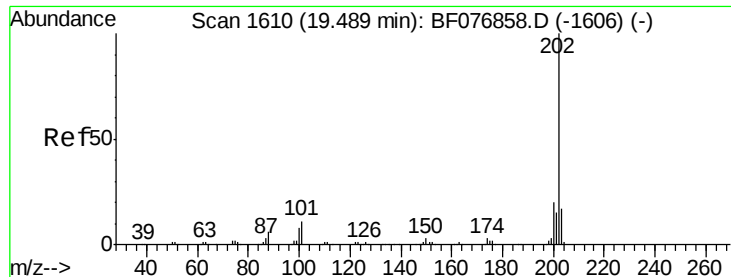
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	14.3	11.3	16.9



#73
 Di-n-butylphthalate
 Concen: 41.52 ng
 RT: 18.60 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF077120.D
 Acq: 29 Jan 2015 5:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	6.9	10.3
104	5.2	3.7	5.5





#74

Fluoranthene

Concen: 43.89 ng

RT: 19.28 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

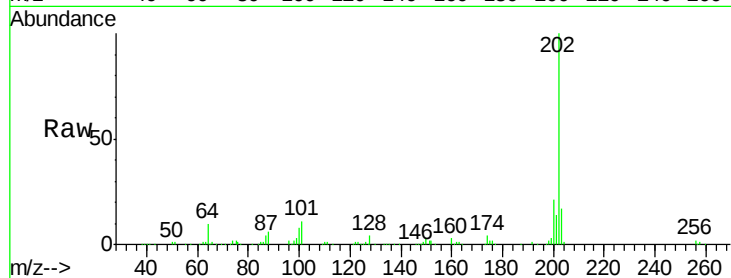
Tot Ion:202 Resp: 305519

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.7

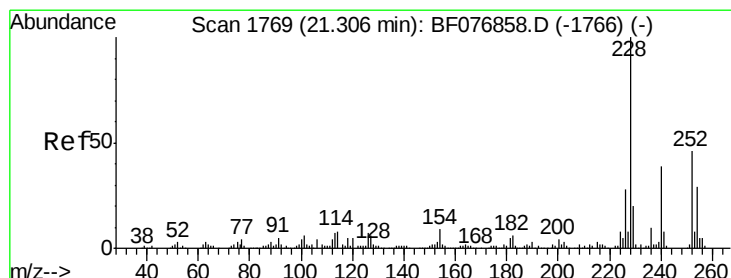
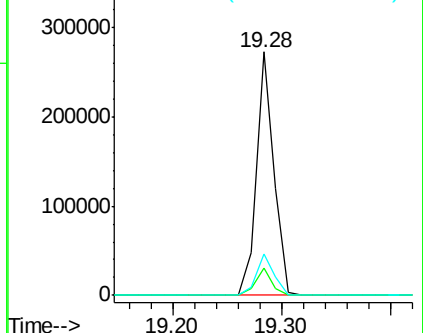
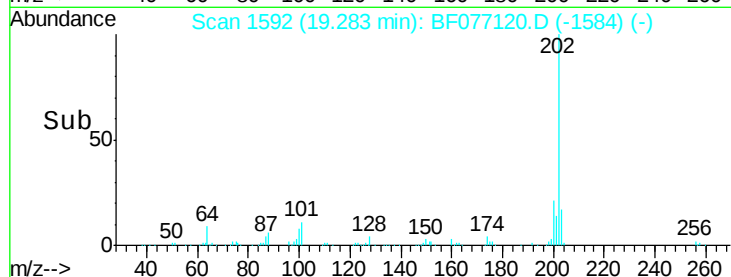
203 16.9 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.11 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

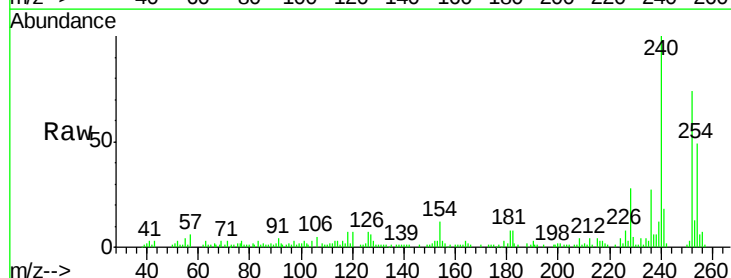
Tgt Ion:240 Resp: 91621

Ion Ratio Lower Upper

240 100

120 7.0 10.4 15.6#

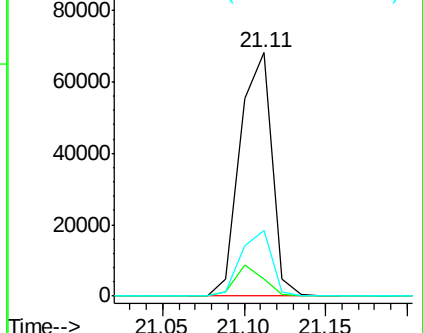
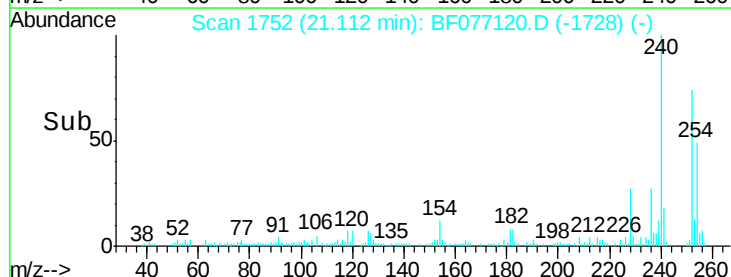
236 26.8 20.2 30.2

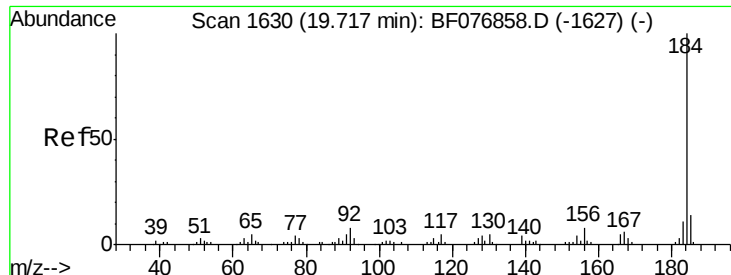


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

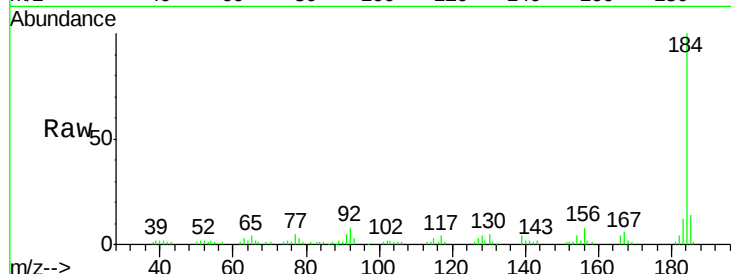




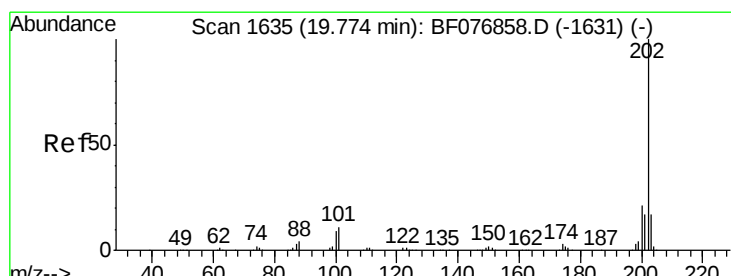
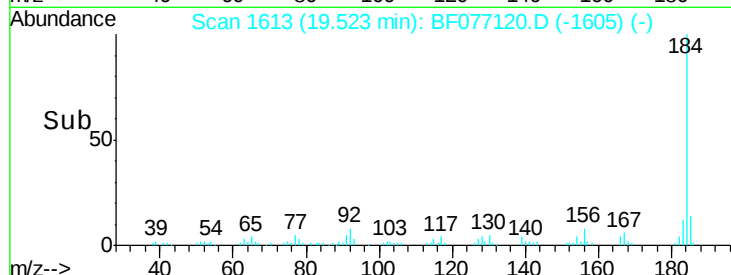
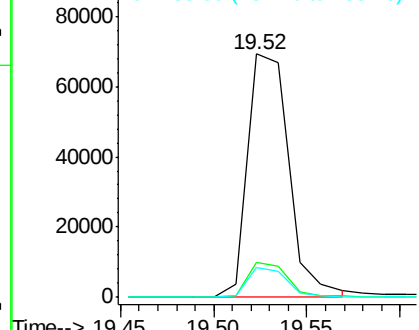
#76
Benzidine
Concen: 36.31 ng
RT: 19.52 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 106440
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 12.1 9.0 13.6

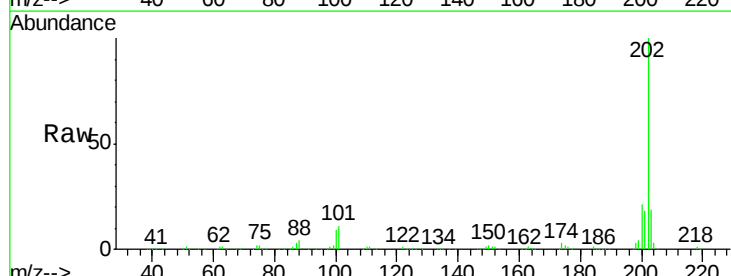


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

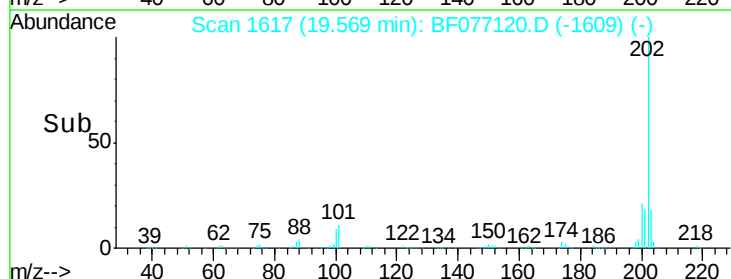
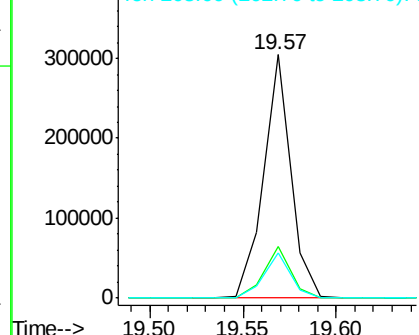


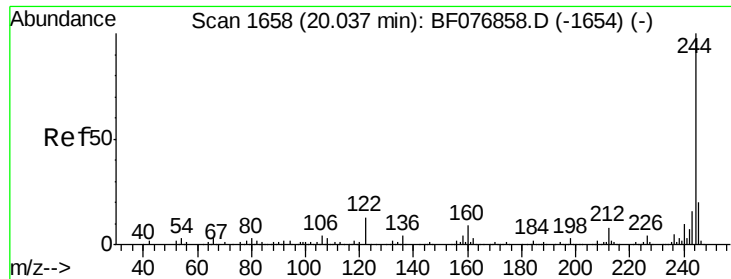
#77
Pyrene
Concen: 48.99 ng
RT: 19.57 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:202 Resp: 307598
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.5 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.58 ng

RT: 19.84 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

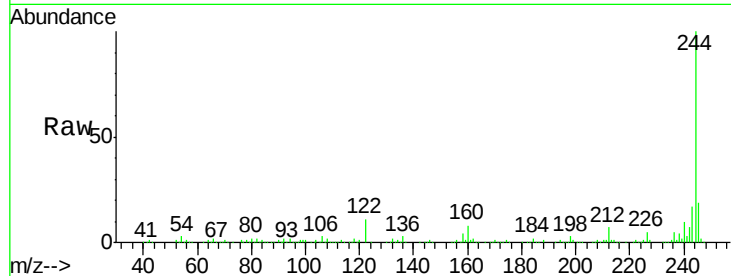
Tot Ion:244 Resp: 304776

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

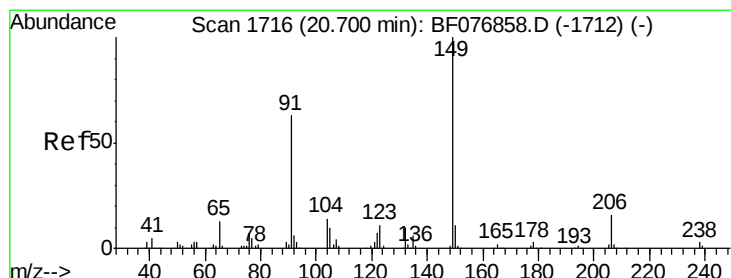
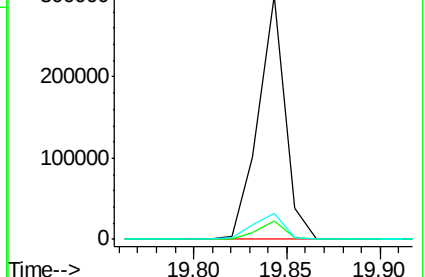
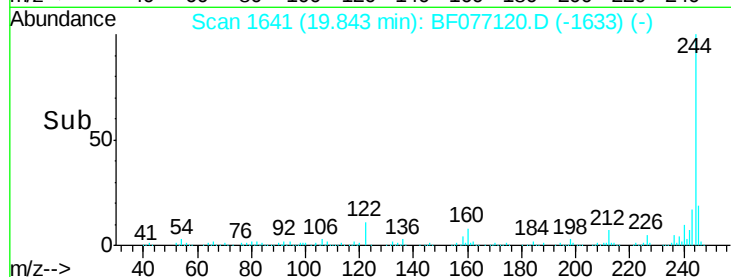
122 10.5 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.98 ng

RT: 20.51 min Scan# 1699

Delta R.T. -0.01 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

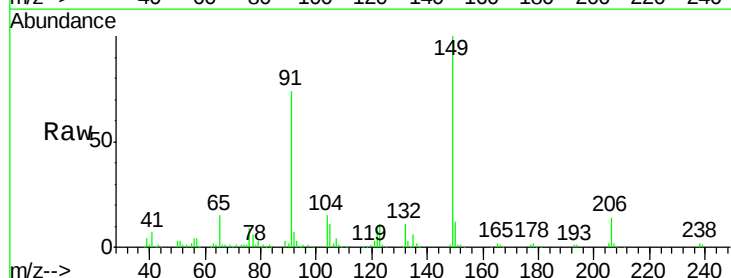
Tgt Ion:149 Resp: 133602

Ion Ratio Lower Upper

149 100

91 74.0 50.6 76.0

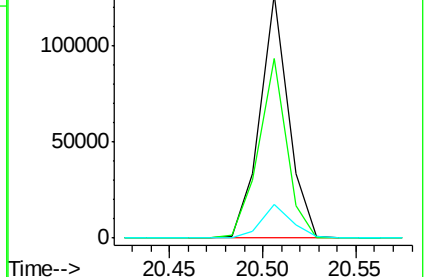
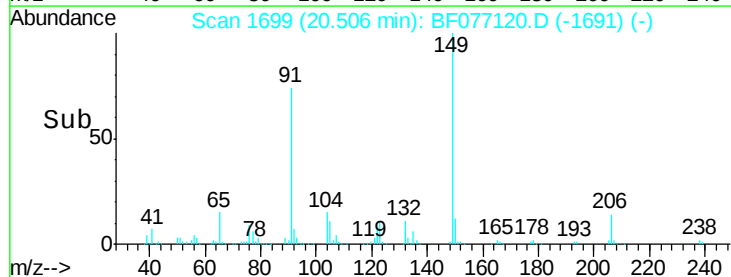
206 14.0 12.8 19.2

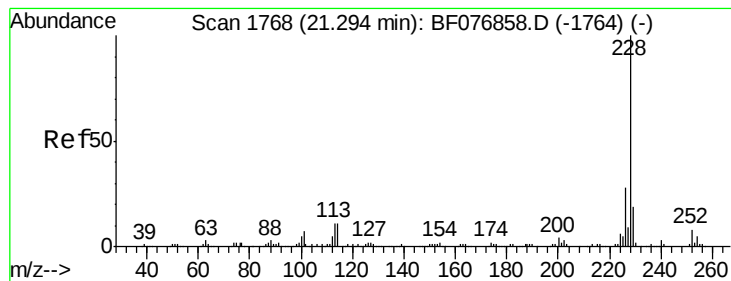


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.47 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

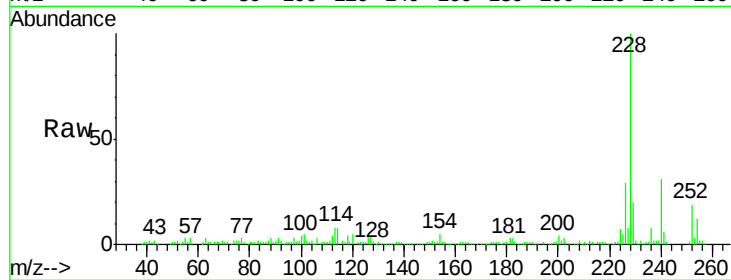
Tot Ion:228 Resp: 249885

Ion Ratio Lower Upper

228 100

226 28.5 22.1 33.1

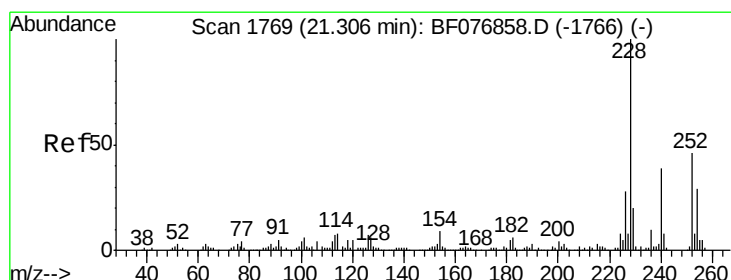
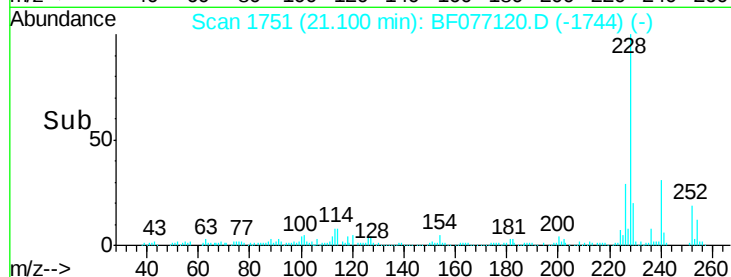
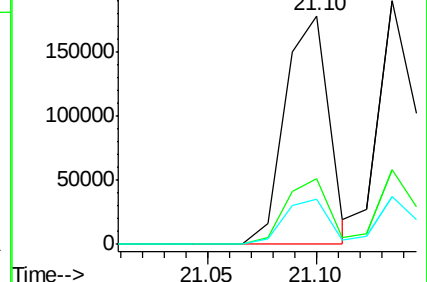
229 19.6 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.36 ng

RT: 21.11 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

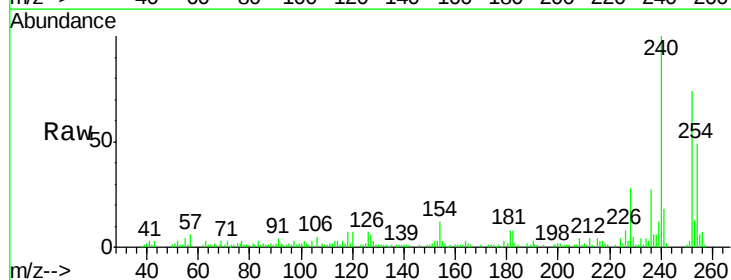
Tgt Ion:252 Resp: 62770

Ion Ratio Lower Upper

252 100

254 65.4 50.2 75.4

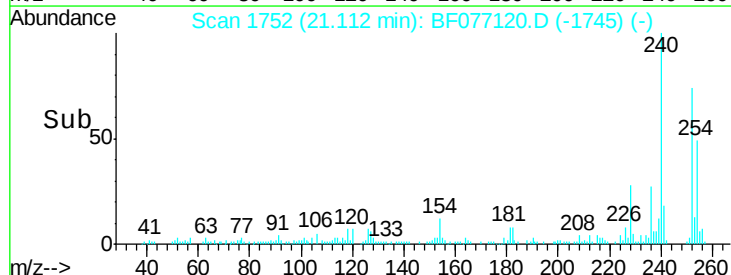
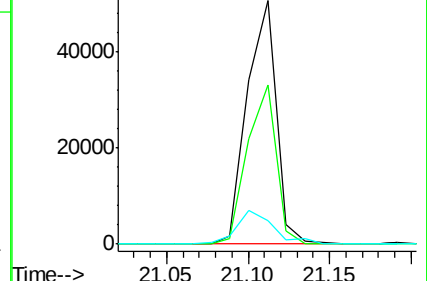
126 9.5 11.5 17.3#

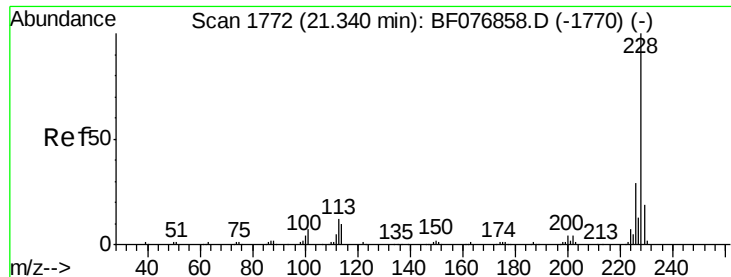


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

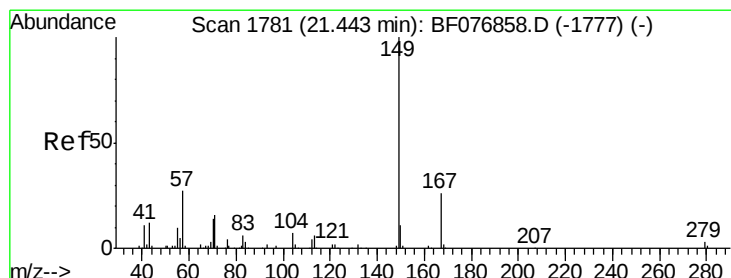
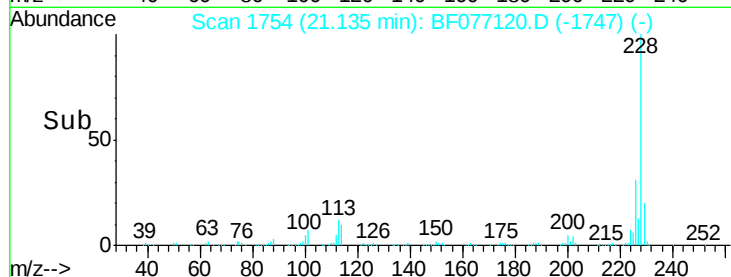
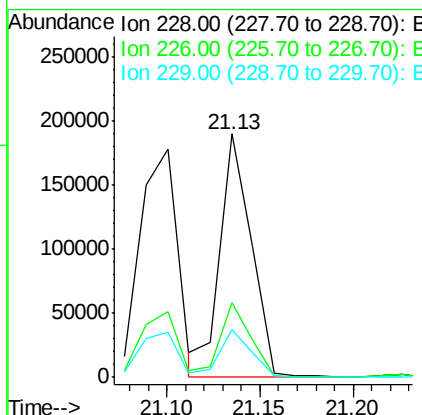
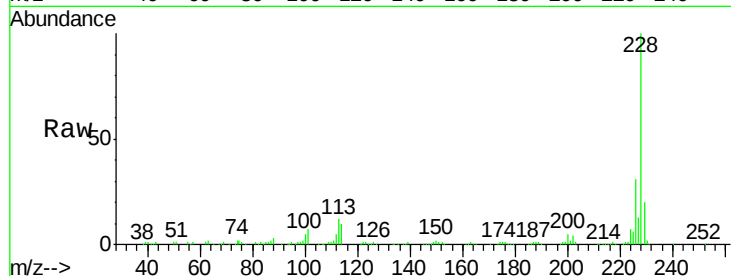




#82
 Chrysene
 Concen: 42.30 ng
 RT: 21.13 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BF077120.D
 Acq: 29 Jan 2015 5:00

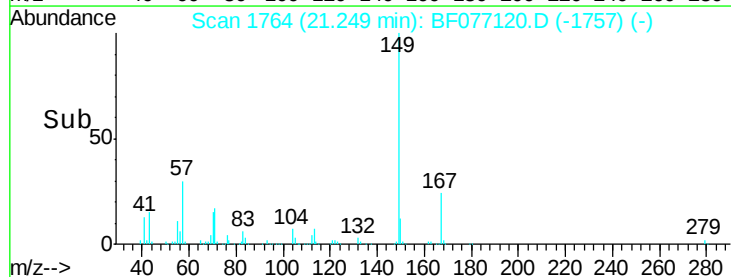
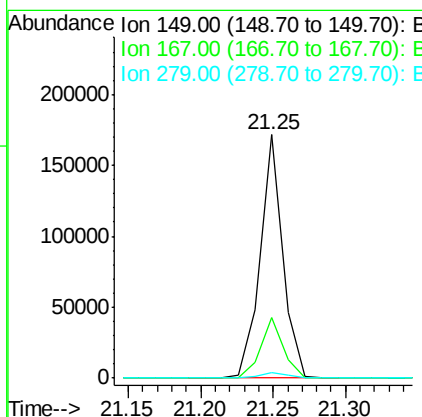
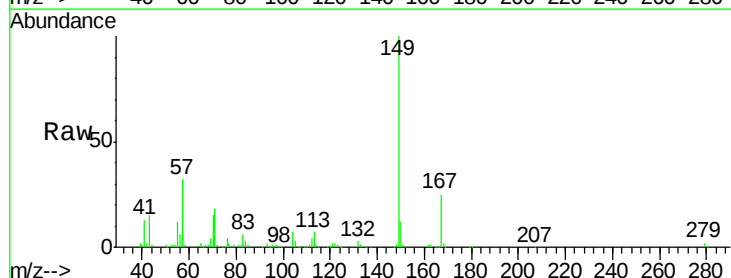
Instrument :
 BNA_F
 ClientSampleId :

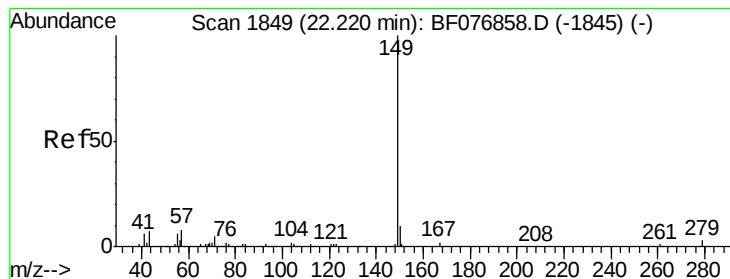
Tot Ion:228 Resp: 221722
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.4 35.0
 229 19.8 15.4 23.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.20 ng
 RT: 21.25 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF077120.D
 Acq: 29 Jan 2015 5:00

Tgt Ion:149 Resp: 185705
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.6 30.8
 279 2.2 2.2 3.2





#84

Di-n-octyl phthalate

Concen: 46.22 ng

RT: 22.01 min Scan# 1831

Delta R.T. -0.02 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

Instrument :

BNA_F

ClientSampleId :

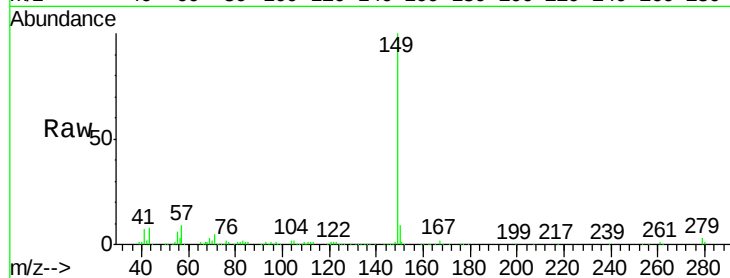
Tot Ion:149 Resp: 315633

Ion Ratio Lower Upper

149 100

167 1.8 1.1 1.7#

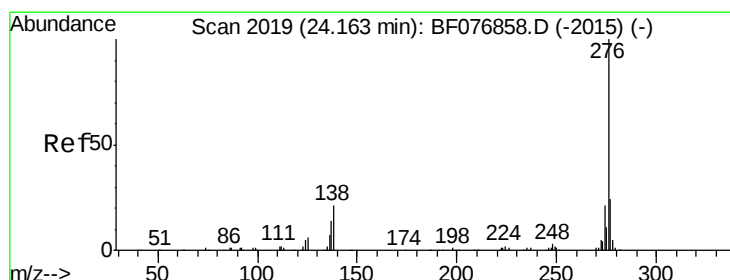
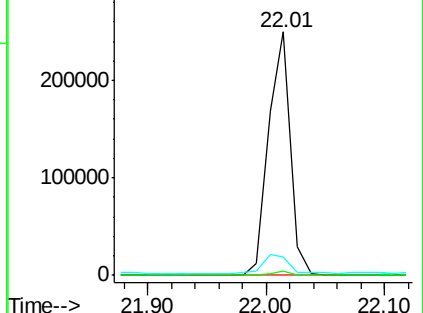
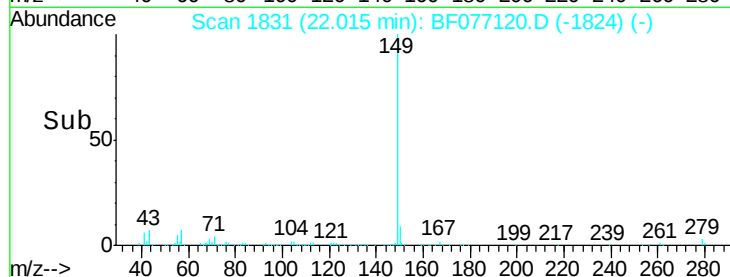
43 9.5 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.67 ng

RT: 23.83 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF077120.D

Acq: 29 Jan 2015 5:00

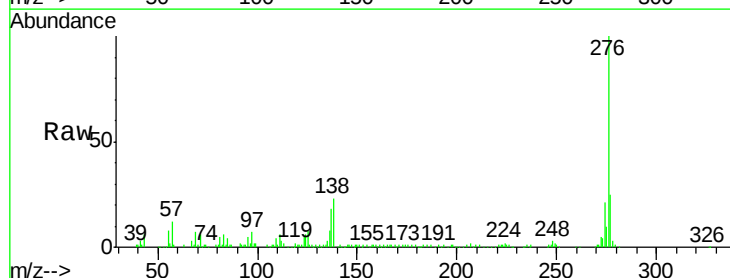
Tgt Ion:276 Resp: 187050

Ion Ratio Lower Upper

276 100

138 25.0 14.6 22.0#

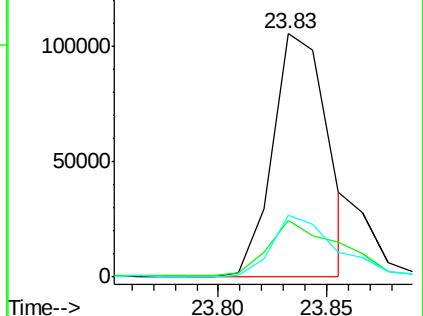
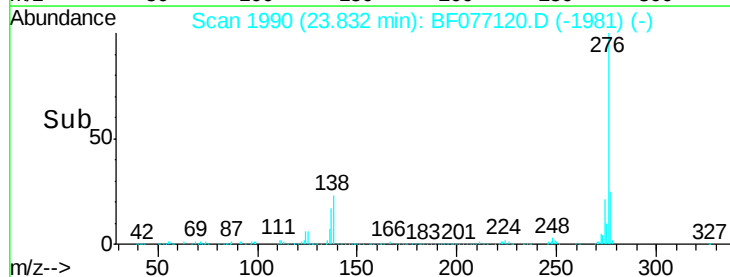
277 25.6 14.8 22.2#

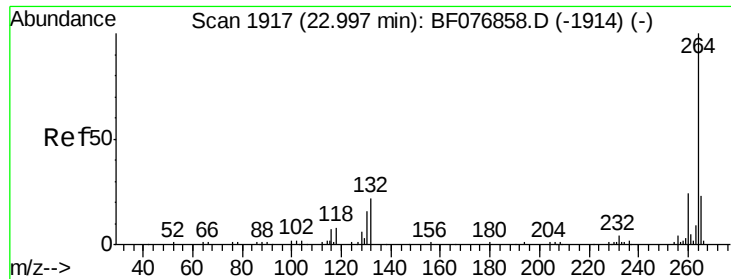


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

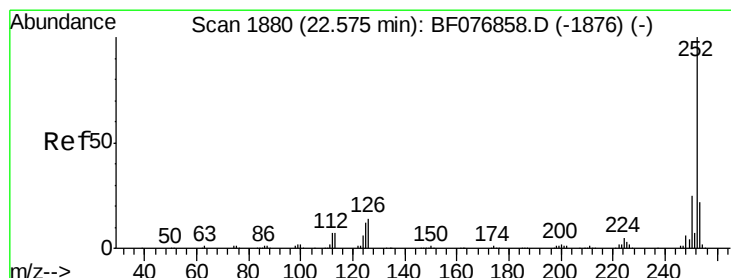
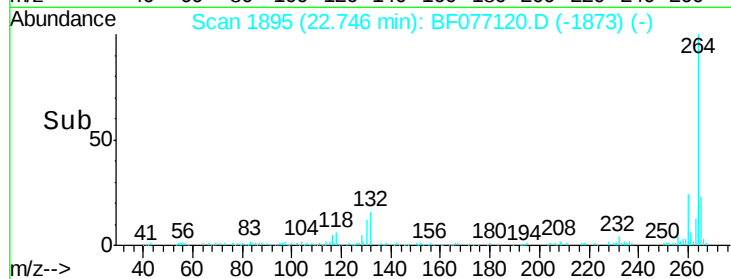
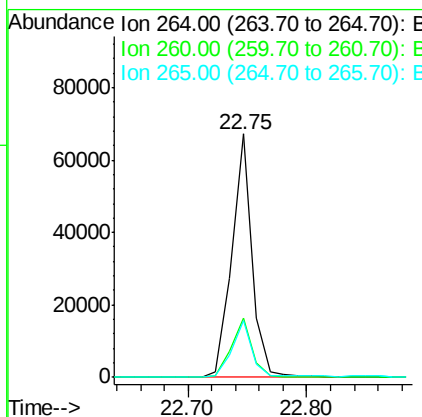
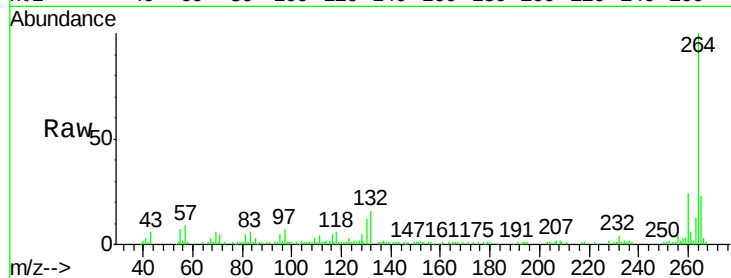




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.75 min Scan# 1895
Delta R.T. -0.05 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

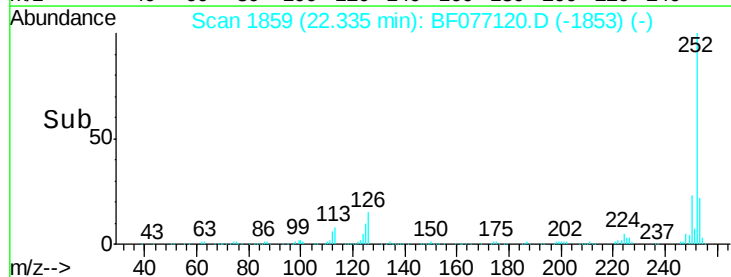
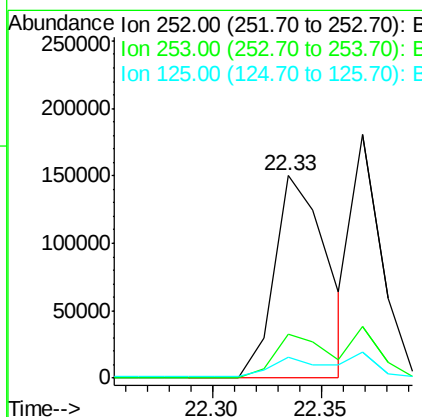
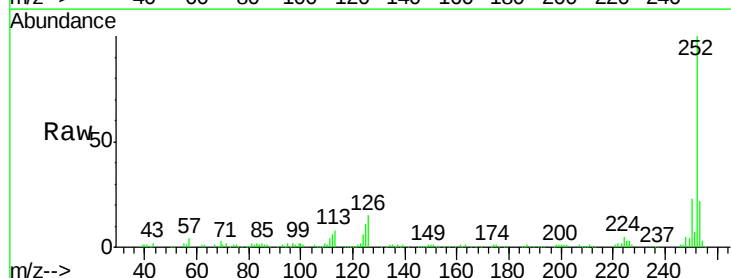
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 79119
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 23.1 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 47.48 ng
RT: 22.33 min Scan# 1859
Delta R.T. -0.03 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:252 Resp: 252987
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.5 9.4 14.0

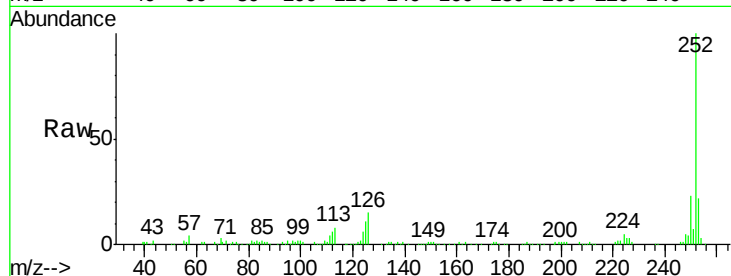




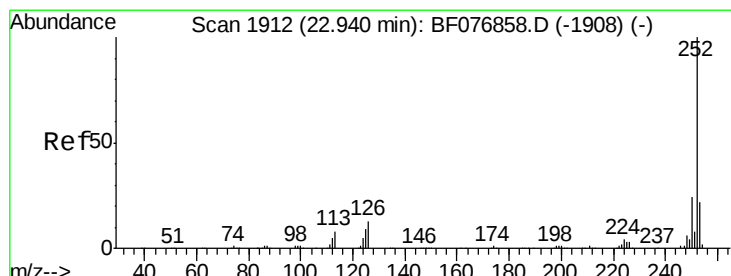
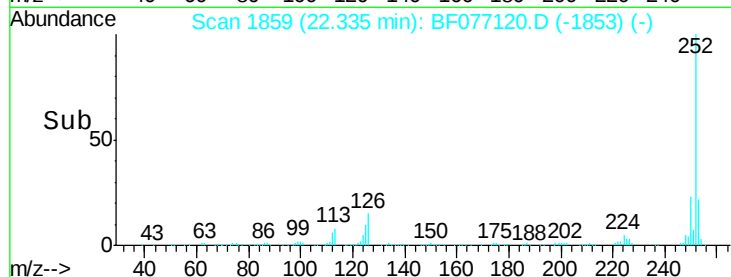
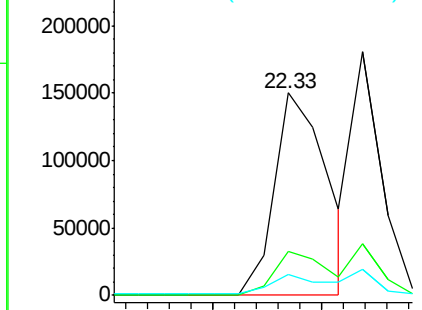
#88
Benzo(k)fluoranthene
Concen: 54.34 ng
RT: 22.33 min Scan# 1859
Delta R.T. -0.03 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 252987
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.5 7.1 10.7

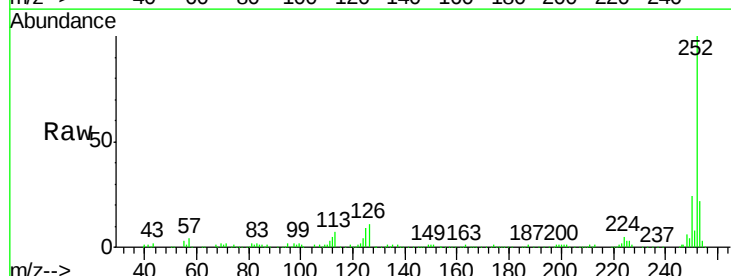


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

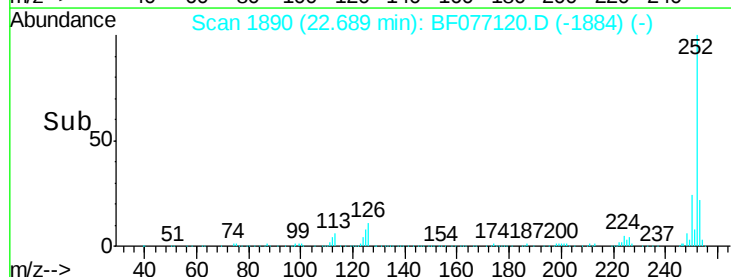
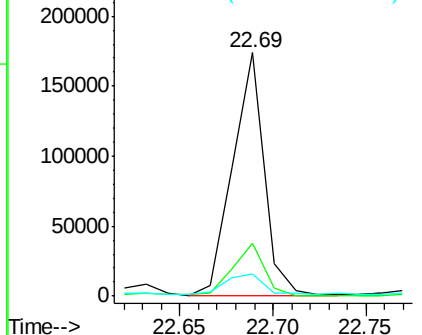


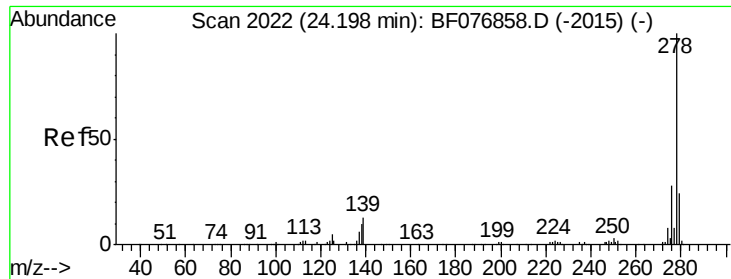
#89
Benzo(a)pyrene
Concen: 43.74 ng
RT: 22.69 min Scan# 1890
Delta R.T. -0.03 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:252 Resp: 205609
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.3 7.2 10.8



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

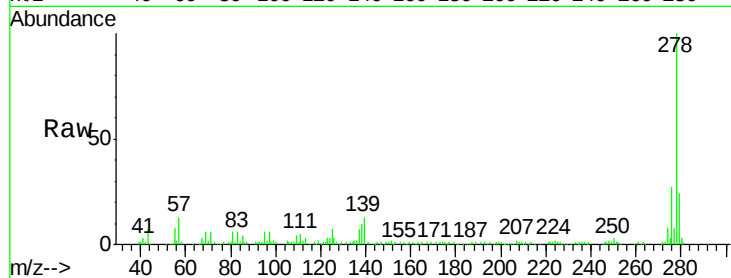




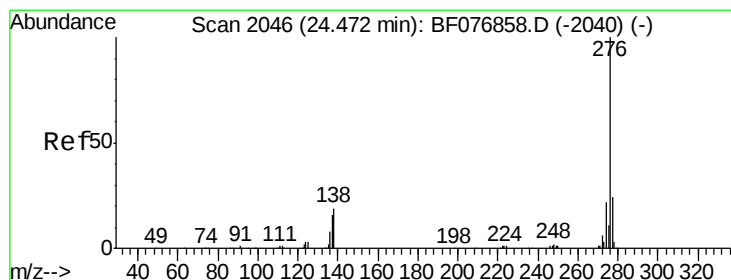
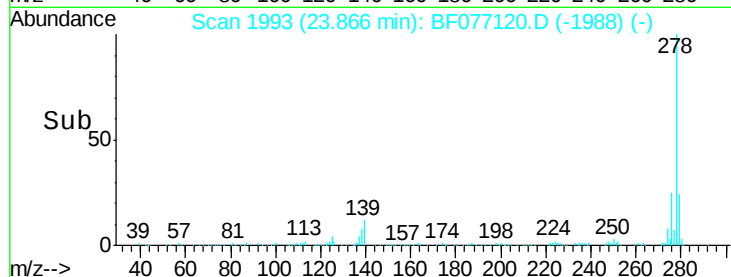
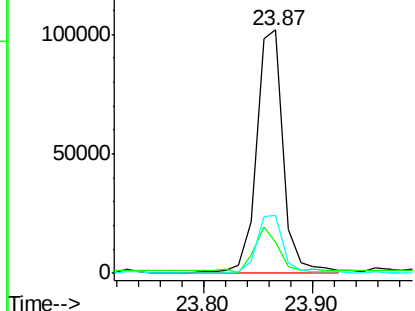
#90
Dibenzo(a,h)anthracene
Concen: 40.28 ng
RT: 23.87 min Scan# 1993
Delta R.T. -0.05 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 173710
Ion Ratio Lower Upper
278 100
139 12.8 10.5 15.7
279 23.7 19.3 28.9

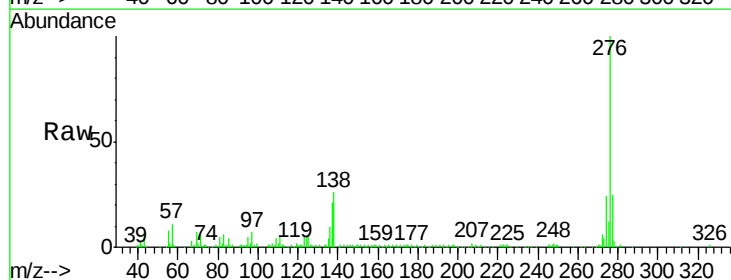


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.07 ng
RT: 24.11 min Scan# 2014
Delta R.T. -0.06 min
Lab File: BF077120.D
Acq: 29 Jan 2015 5:00

Tgt Ion:276 Resp: 180368
Ion Ratio Lower Upper
276 100
277 24.6 19.5 29.3
138 26.3 15.0 22.6#



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

