

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077010.D
 Acq On : 22 Jan 2015 12:38
 Operator : TP/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 23:51:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 14:45:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	31622	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	131697	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	71597	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	119150	20.00	ng	0.00
75) Chrysene-d12	21.19	240	115839	20.00	ng	-0.01
86) Perylene-d12	22.84	264	103338	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.89	112	154606	80.39	ng	-0.01
7) Phenol-d6	7.26	99	192002	79.14	ng	-0.01
23) Nitrobenzene-d5	9.16	82	198206	83.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	47734	82.13	ng	-0.01
44) 2-Fluorobiphenyl	13.42	172	385689	81.98	ng	0.00
78) Terphenyl-d14	19.92	244	398697	79.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.20	88	26528	32.21	ng	98
3) Pyridine	1.66	79	84376	39.59	ng	92
4) n-Nitrosodimethylamine	1.62	42	43275	40.99	ng	96
6) Aniline	7.14	93	135939	40.49	ng	96
8) 2-Chlorophenol	7.38	128	88328	39.84	ng	97
9) Benzaldehyde	6.86	77	58151	42.54	ng	98
10) Phenol	7.29	94	105238	40.85	ng	98
11) bis(2-Chloroethyl)ether	7.40	93	82413	40.88	ng	# 79
12) 1,3-Dichlorobenzene	7.69	146	100422	39.81	ng	95
13) 1,4-Dichlorobenzene	7.89	146	104474	39.06	ng	98
14) 1,2-Dichlorobenzene	8.21	146	99196	40.25	ng	98
15) Benzyl Alcohol	8.29	79	79838	40.67	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	106239	39.21	ng	90
17) 2-Methylphenol	8.64	107	72466	39.99	ng	99
18) Hexachloroethane	8.95	117	36589	39.33	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	66818	39.34	ng	97
20) 3+4-Methylphenols	9.02	107	95041	39.61	ng	98
22) Acetophenone	8.85	105	133492	41.38	ng	97
24) Nitrobenzene	9.20	77	98323	40.60	ng	96
25) Isophorone	9.80	82	179201	41.39	ng	97
26) 2-Nitrophenol	9.93	139	48198	39.20	ng	93
27) 2,4-Dimethylphenol	10.22	122	78309	41.82	ng	96
28) bis(2-Chloroethoxy)methane	10.42	93	103248	41.96	ng	99
29) 2,4-Dichlorophenol	10.54	162	72342	41.45	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	79702	41.11	ng	94
31) Naphthalene	10.81	128	279970	41.29	ng	100
32) Benzoic acid	10.60	122	20871	20.12	ng	98
33) 4-Chloroaniline	11.05	127	114449	41.77	ng	98
34) Hexachlorobutadiene	11.18	225	46586	40.50	ng	94
35) Caprolactam	11.92	113	21199	41.26	ng	# 91
36) 4-Chloro-3-methylphenol	12.36	107	81032	40.55	ng	98
37) 2-Methylnaphthalene	12.47	142	188574	40.73	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	71900	40.62	ng	97
40) Hexachlorocyclopentadiene	12.86	237	37798	41.97	ng	97

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
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 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 23:51:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 14:45:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	53095	41.17	nq	95
43) 2,4,5-Trichlorophenol	13.31	196	55486	42.18	nq	95
45) 1,1'-Biphenyl	13.61	154	221597	41.75	nq	98
46) 2-Chloronaphthalene	13.59	162	181737	41.61	nq	98
47) 2-Nitroaniline	13.93	65	57077	43.08	nq	99
48) Acenaphthylene	14.54	152	301061	40.86	nq	99
49) Dimethylphthalate	14.49	163	208797	41.12	nq	99
50) 2,6-Dinitrotoluene	14.59	165	43818	43.19	nq	95
51) Acenaphthene	14.96	154	170181	40.71	nq	96
52) 3-Nitroaniline	14.94	138	50562	38.54	nq	93
53) 2,4-Dinitrophenol	15.21	184	15286	39.15	nq	91
54) Dibenzofuran	15.40	168	249155	40.92	nq	96
55) 4-Nitrophenol	15.53	139	32662	41.04	nq	91
56) 2,4-Dinitrotoluene	15.52	165	59361	39.43	nq	95
57) Fluorene	16.13	166	209058	40.52	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.74	232	41903	43.75	nq	# 97
59) Diethylphthalate	16.13	149	211694	41.25	nq	97
60) 4-Chlorophenyl-phenylether	16.22	204	84438	40.00	nq	87
61) 4-Nitroaniline	16.28	138	51041	40.16	nq	98
62) Azobenzene	16.51	77	222219	41.56	nq	98
64) 4,6-Dinitro-2-methylphenol	16.35	198	29484	39.16	nq	96
65) n-Nitrosodiphenylamine	16.46	169	175165	41.23	nq	99
66) 4-Bromophenyl-phenylether	17.07	248	50639	41.95	nq	91
67) Hexachlorobenzene	17.08	284	52879	41.57	nq	# 88
68) Atrazine	17.44	200	54237	42.07	nq	99
69) Pentachlorophenol	17.44	266	22796	42.60	nq	90
70) Phenanthrene	17.73	178	299767	40.34	nq	99
71) Anthracene	17.81	178	293686	40.53	nq	99
72) Carbazole	18.09	167	297994	42.40	nq	99
73) Di-n-butylphthalate	18.68	149	350265	43.06	nq	# 98
74) Fluoranthene	19.37	202	312784	41.08	nq	96
76) Benzidine	19.61	184	164912	44.49	nq	99
77) Pyrene	19.66	202	316644	39.88	nq	98
79) Butylbenzylphthalate	20.59	149	150619	41.89	nq	91
80) Benzo(a)anthracene	21.18	228	295406	40.65	nq	98
81) 3,3'-Dichlorobenzidine	21.19	252	94283	40.82	nq	98
82) Chrysene	21.23	228	262005	39.53	nq	98
83) Bis(2-ethylhexyl)phthalate	21.33	149	212421	42.70	nq	99
84) Di-n-octyl phthalate	22.09	149	365613	42.35	nq	99
85) Indeno(1,2,3-cd)pyrene	23.96	276	288221	41.03	nq	# 83
87) Benzo(b)fluoranthene	22.43	252	289342	41.57	nq	99
88) Benzo(k)fluoranthene	22.43	252	289342	47.58	nq	# 96
89) Benzo(a)pyrene	22.78	252	246549	40.16	nq	# 96
90) Dibenzo(a,h)anthracene	23.98	278	233736	41.49	nq	97
91) Benzo(g,h,i)perylene	24.24	276	235603	42.07	nq	98

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

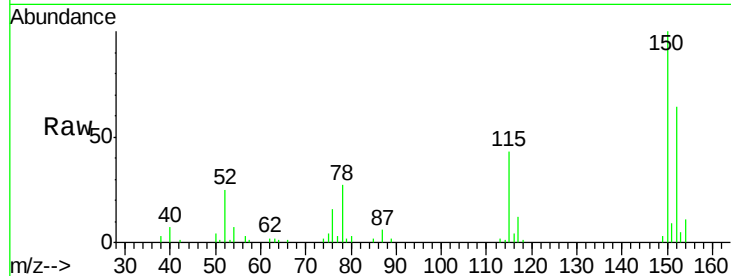


#1

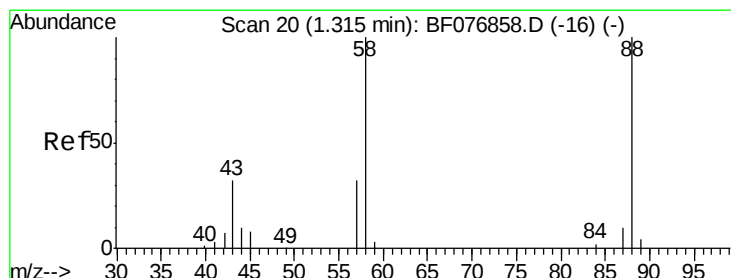
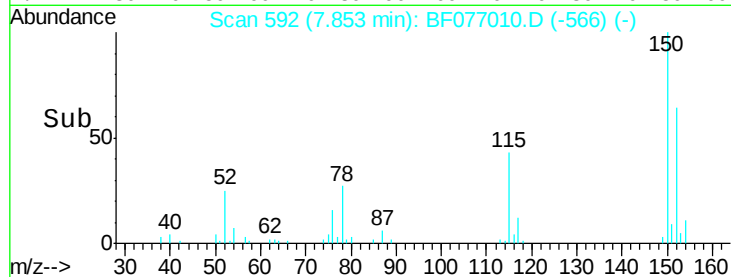
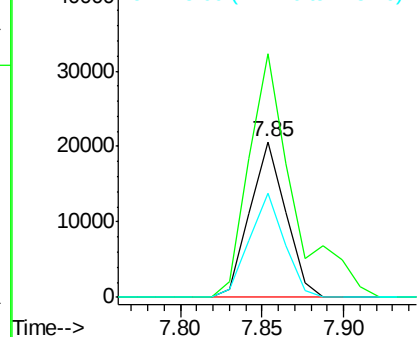
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31622
Ion Ratio Lower Upper
152 100
150 156.5 121.7 182.5
115 67.2 47.0 70.6



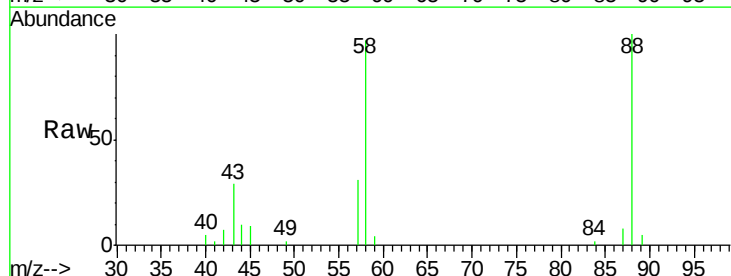
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



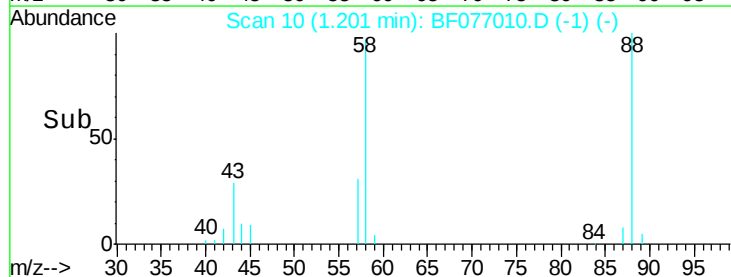
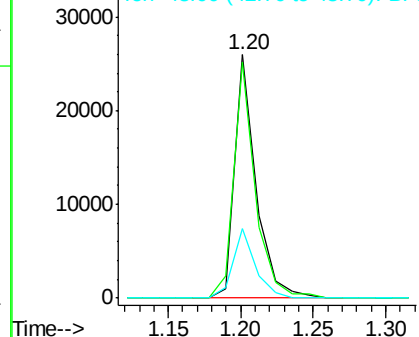
#2

1,4-Dioxane
Concen: 32.21 ng
RT: 1.20 min Scan# 10
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion: 88 Resp: 26528
Ion Ratio Lower Upper
88 100
58 97.0 77.0 115.4
43 29.9 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: 39.59 ng

RT: 1.66 min Scan# 50

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

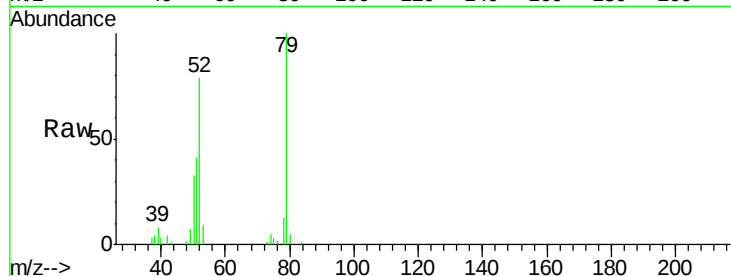
Tot Ion: 79 Resp: 84376

Ion Ratio Lower Upper

79 100

52 79.4 70.1 105.1

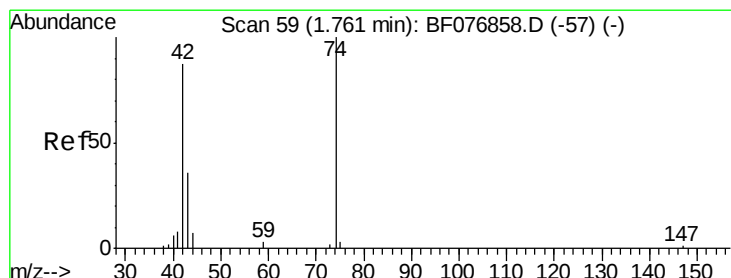
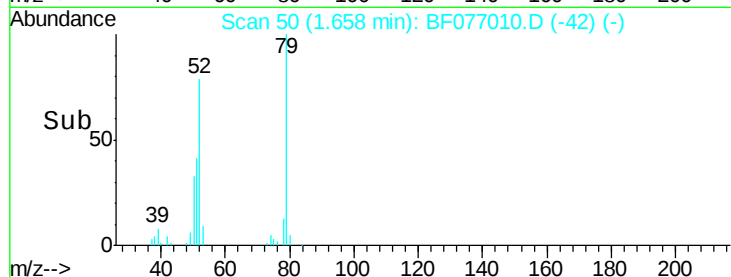
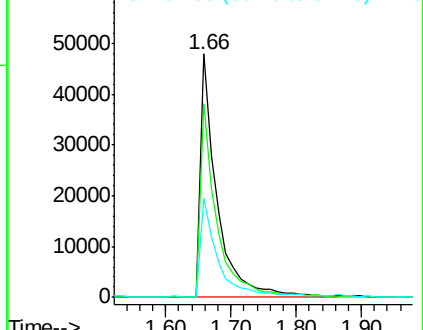
51 40.5 35.1 52.7



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: 40.99 ng

RT: 1.62 min Scan# 47

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

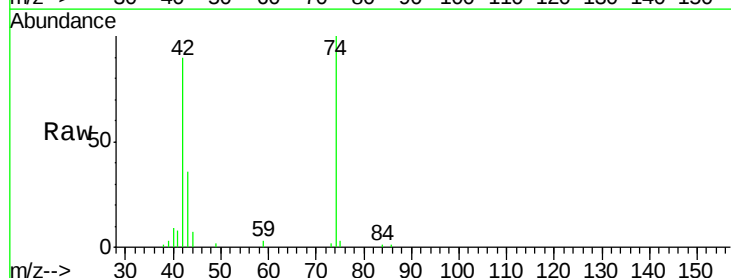
Tgt Ion: 42 Resp: 43275

Ion Ratio Lower Upper

42 100

74 111.3 92.4 138.6

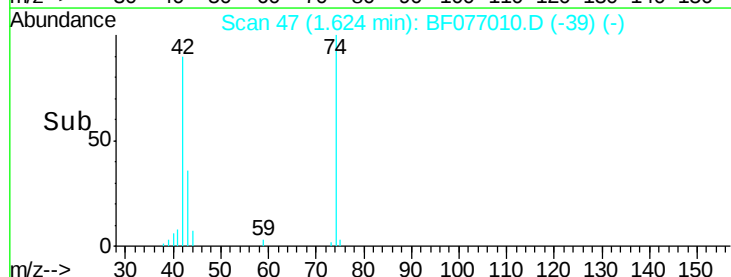
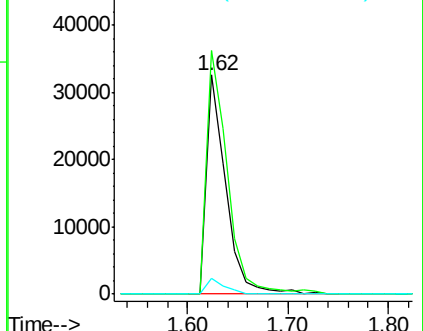
44 7.3 6.2 9.2



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: 80.39 ng

RT: 4.89 min Scan# 333

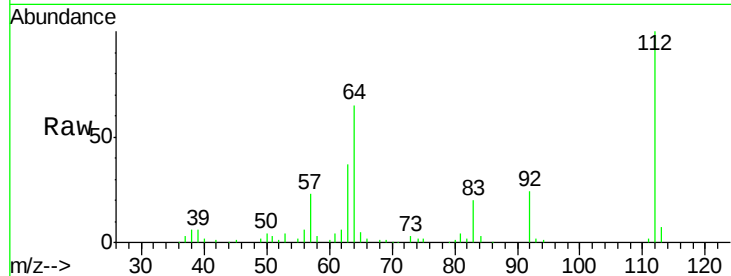
Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampled :

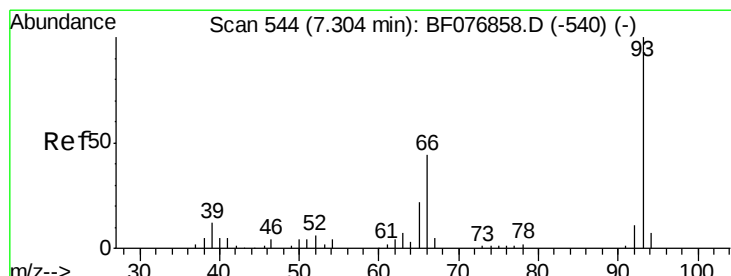
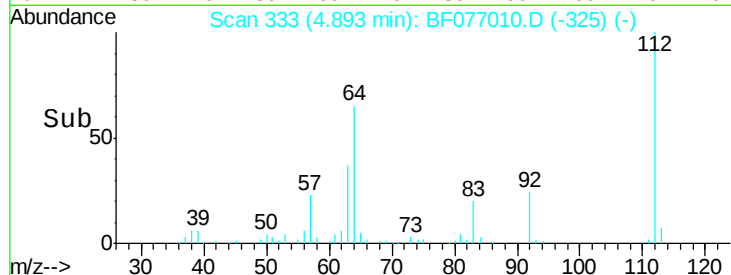
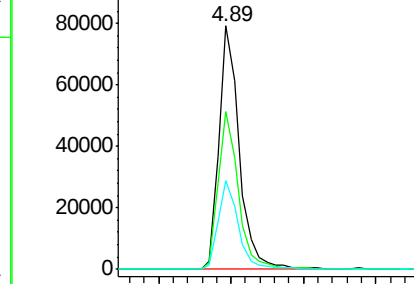
Tot Ion:	112	Resp:	154606
Ion	Ratio	Lower	Upper
112	100		
64	64.9	54.2	81.4
63	36.5	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.49 ng

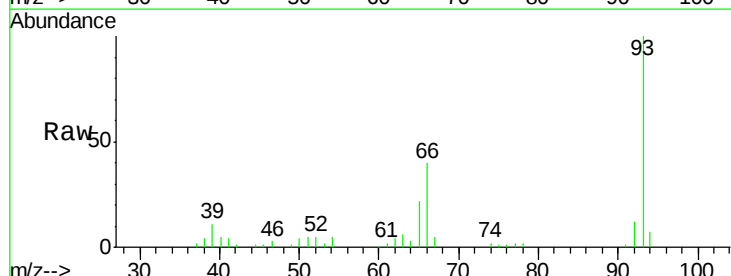
RT: 7.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

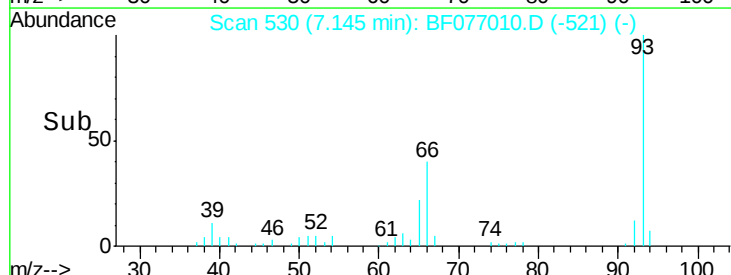
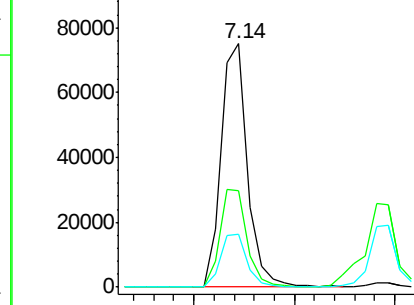
Tgt Ion:	93	Resp:	135939
Ion	Ratio	Lower	Upper
93	100		
66	39.8	35.0	52.4
65	21.6	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.14 ng

RT: 7.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

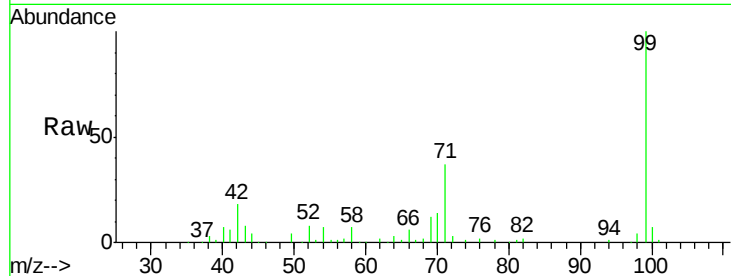
Tot Ion: 99 Resp: 192002

Ion Ratio Lower Upper

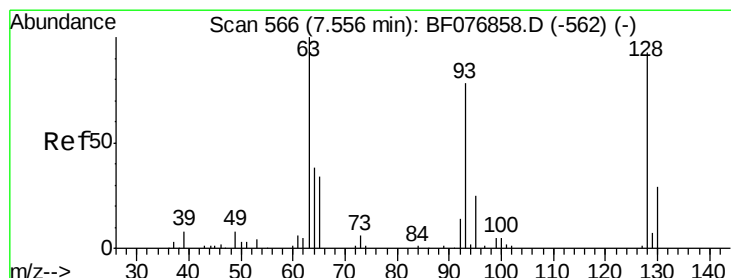
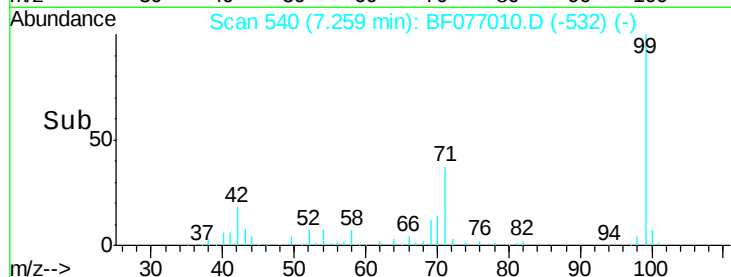
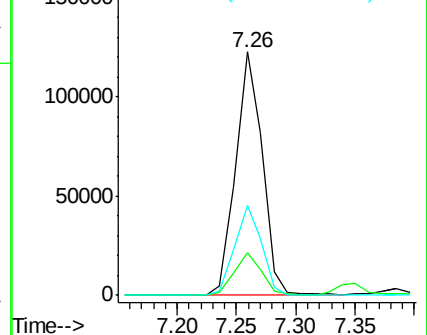
99 100

42 17.6 15.0 22.4

71 37.2 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: 39.84 ng

RT: 7.38 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

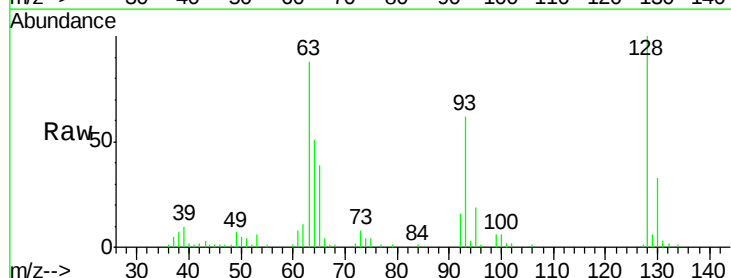
Tgt Ion: 128 Resp: 88328

Ion Ratio Lower Upper

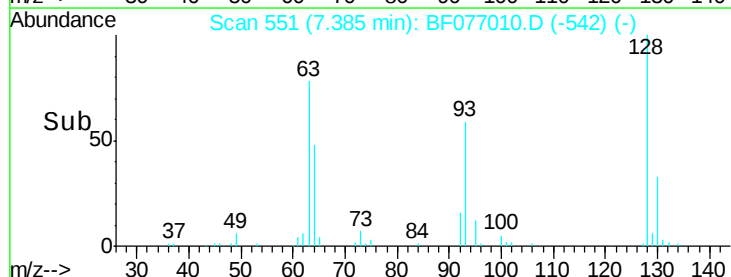
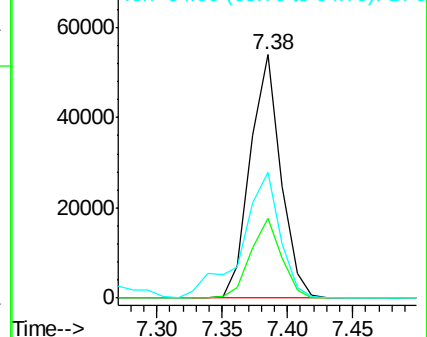
128 100

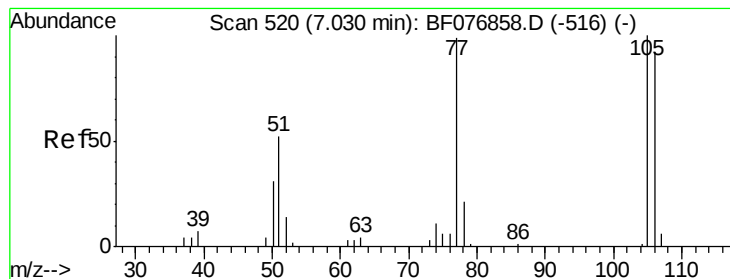
130 33.0 11.0 51.0

64 51.5 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: 42.54 ng

RT: 6.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampled :

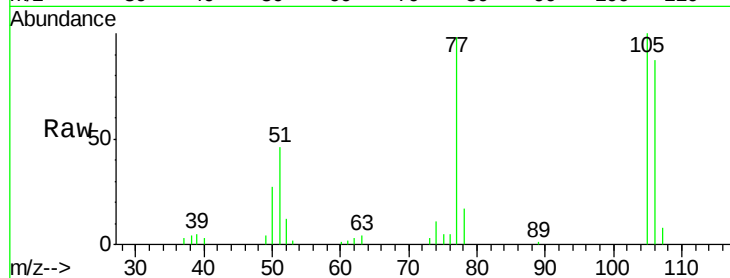
Tot Ion: 77 Resp: 58151

Ion Ratio Lower Upper

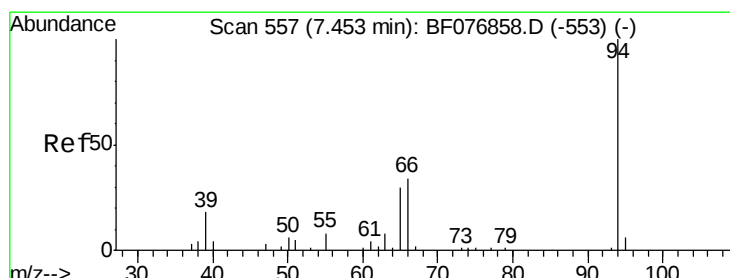
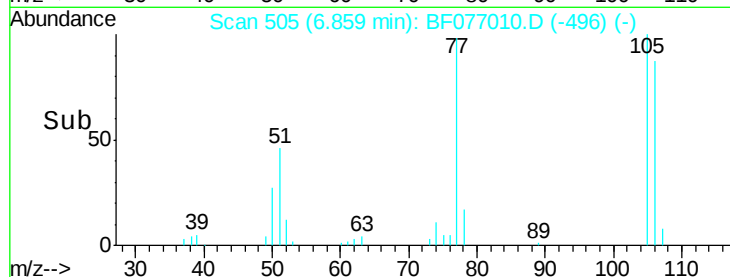
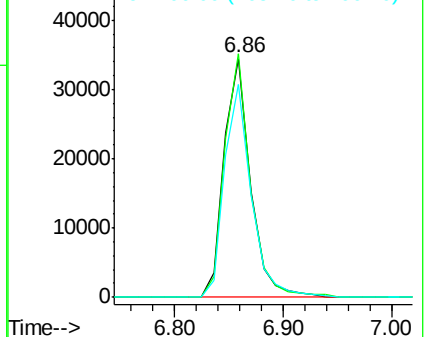
77 100

105 102.1 81.4 121.4

106 89.1 72.8 112.8



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



#10

Phenol

Concen: 40.85 ng

RT: 7.29 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

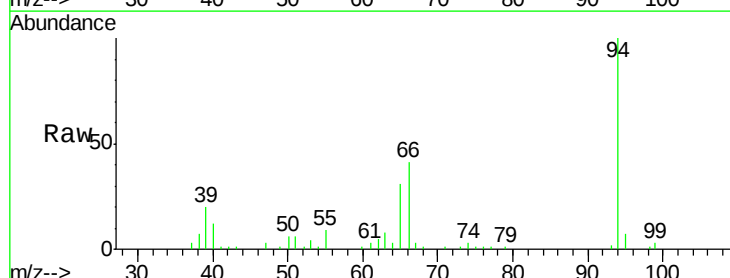
Tgt Ion: 94 Resp: 105238

Ion Ratio Lower Upper

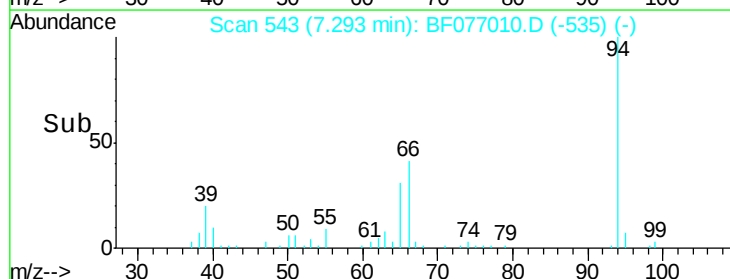
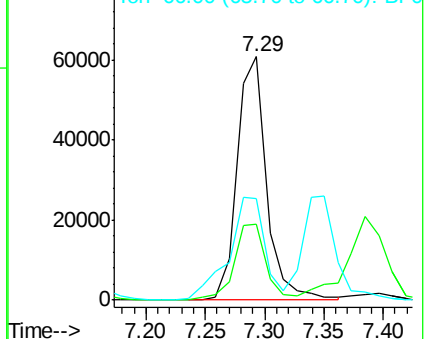
94 100

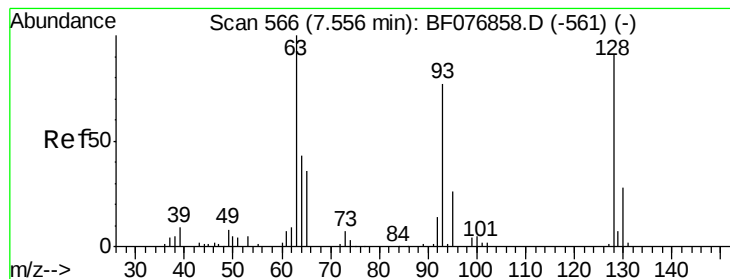
65 31.3 11.3 51.3

66 41.5 19.5 59.5



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

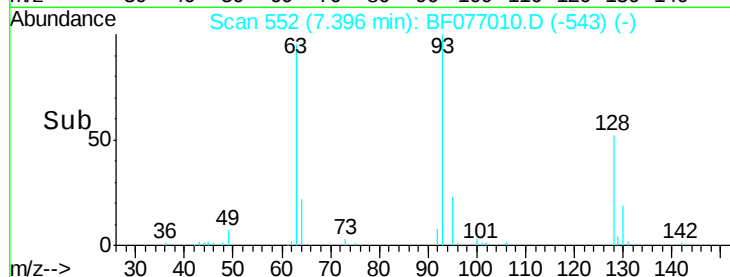
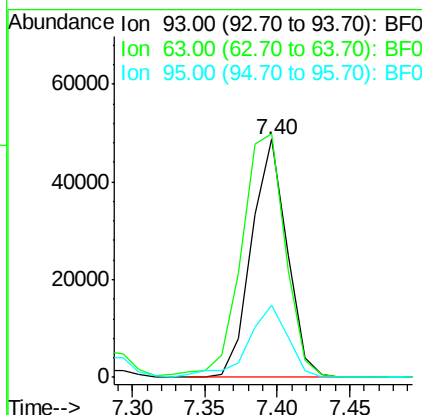
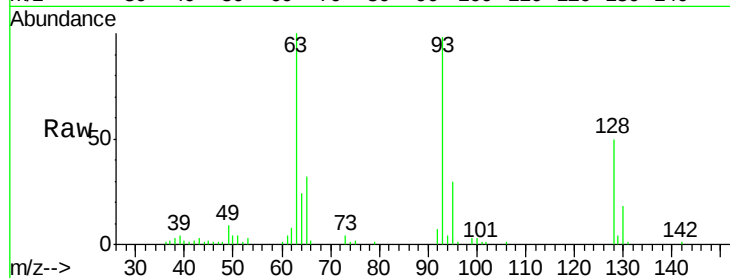




#11
bis(2-Chloroethyl)ether
Concen: 40.88 ng
RT: 7.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

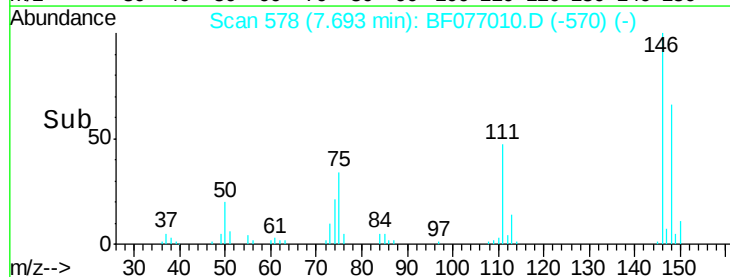
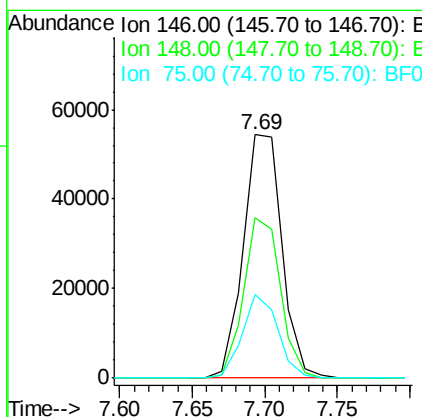
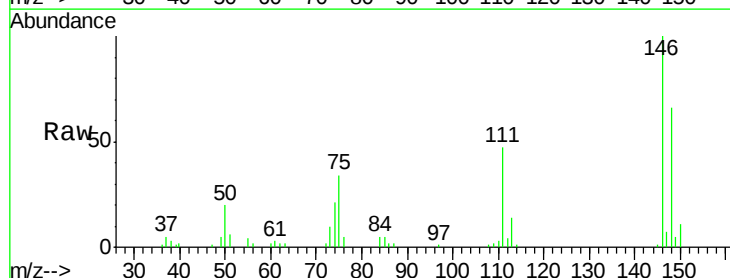
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 82413
Ion Ratio Lower Upper
93 100
63 102.3 111.3 151.3#
95 30.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 39.81 ng
RT: 7.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion: 146 Resp: 100422
Ion Ratio Lower Upper
146 100
148 65.8 48.1 72.1
75 34.2 26.8 40.2

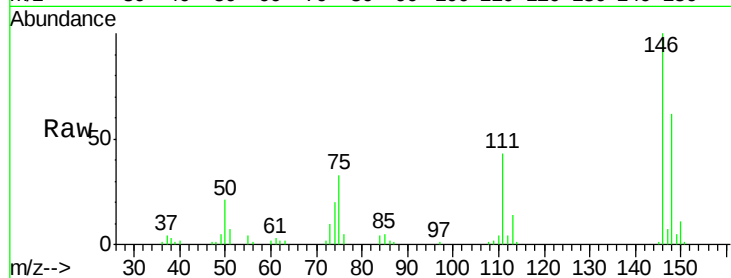




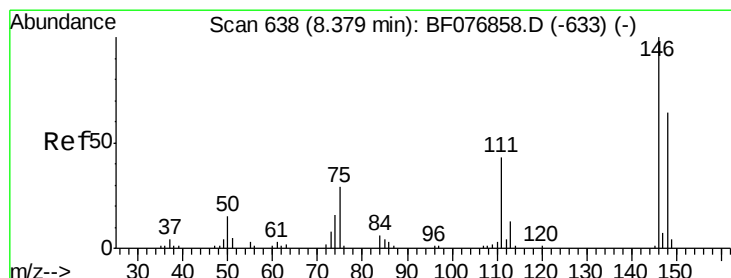
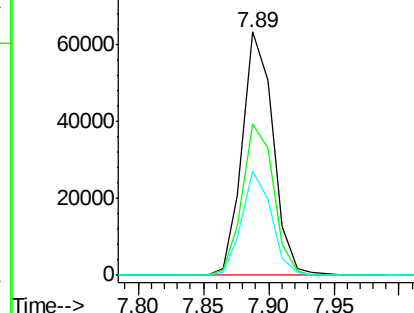
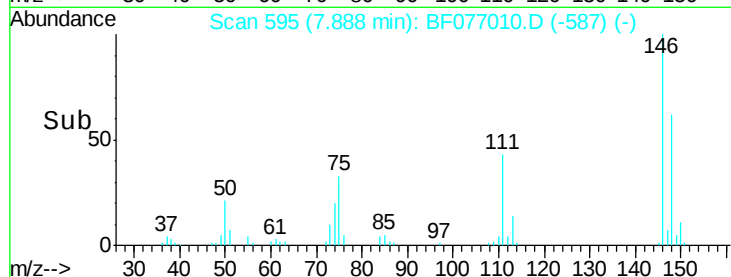
#13
 1,4-Dichlorobenzene
 Concen: 39.06 ng
 RT: 7.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 104474
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.5 77.3
 111 42.7 33.9 50.9

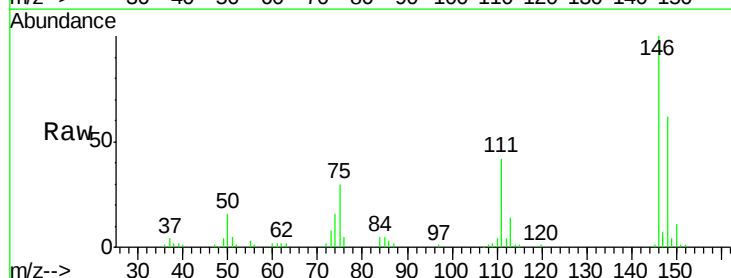


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

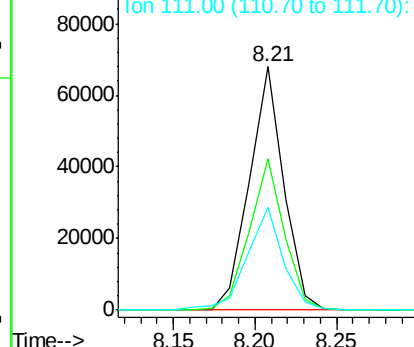
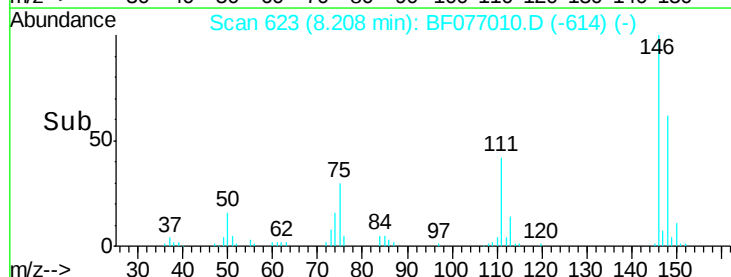


#14
 1,2-Dichlorobenzene
 Concen: 40.25 ng
 RT: 8.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:146 Resp: 99196
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.3 76.9
 111 42.3 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: 40.67 ng

RT: 8.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampleId :

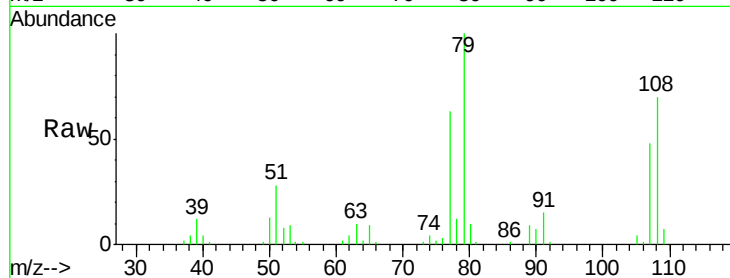
Tot Ion: 79 Resp: 79838

Ion Ratio Lower Upper

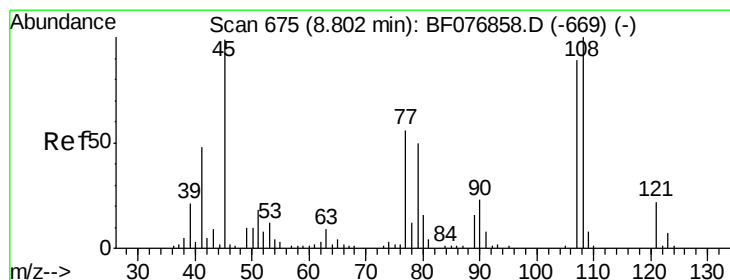
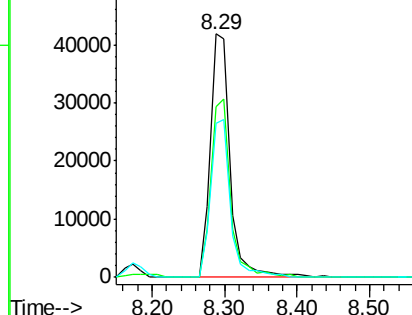
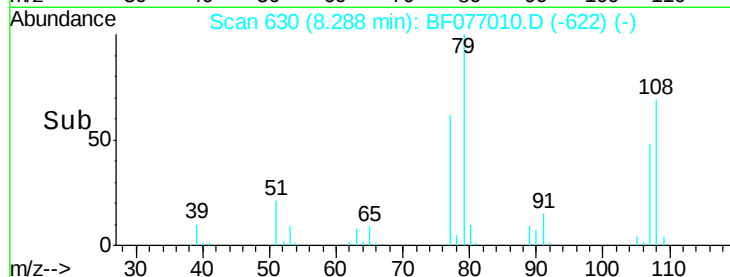
79 100

108 70.3 57.2 85.8

77 63.0 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: 39.21 ng

RT: 8.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

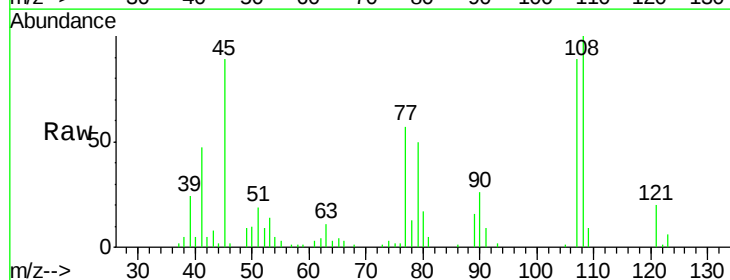
Tgt Ion: 45 Resp: 106239

Ion Ratio Lower Upper

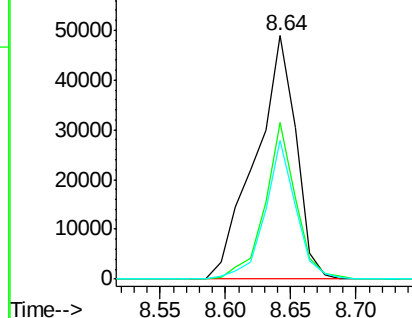
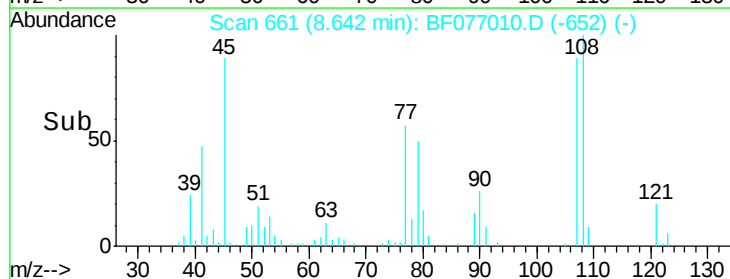
45 100

77 64.2 36.1 76.1

79 56.7 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: 39.99 ng

RT: 8.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 72466

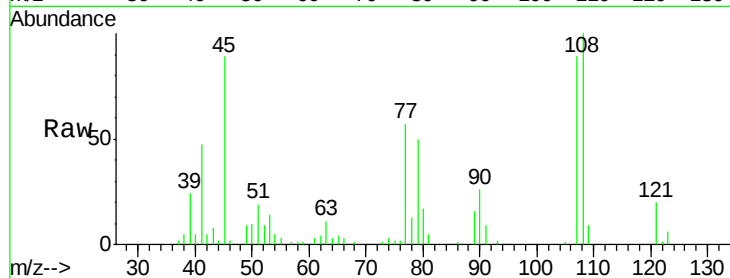
Ion Ratio Lower Upper

107 100

108 112.8 89.7 134.5

77 64.3 50.1 75.1

79 56.8 45.0 67.6

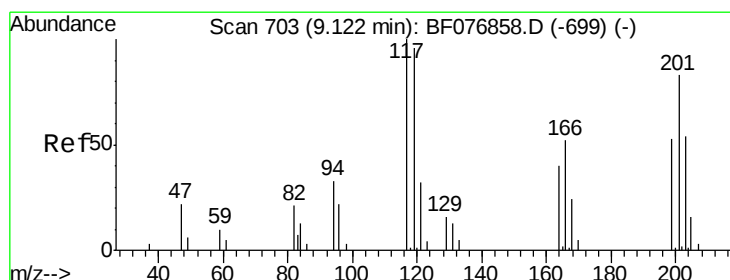
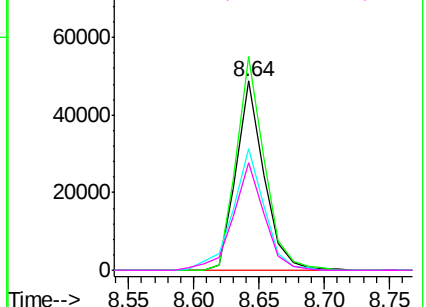
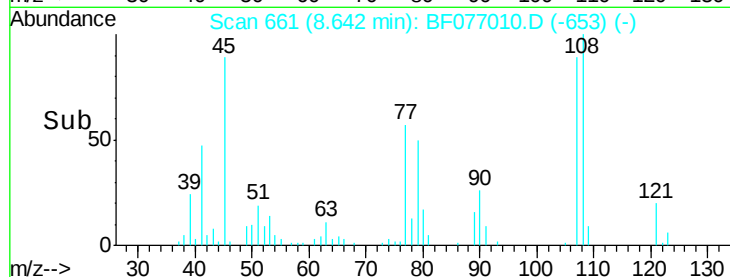


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.33 ng

RT: 8.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

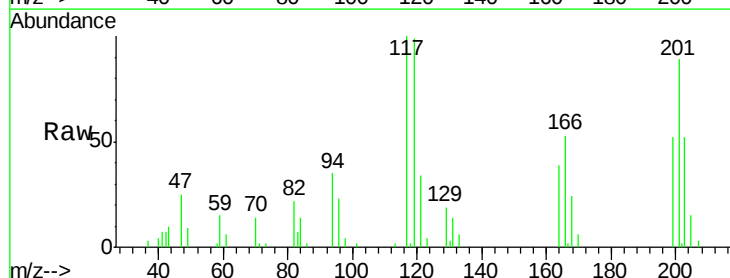
Tgt Ion:117 Resp: 36589

Ion Ratio Lower Upper

117 100

119 98.7 77.1 115.7

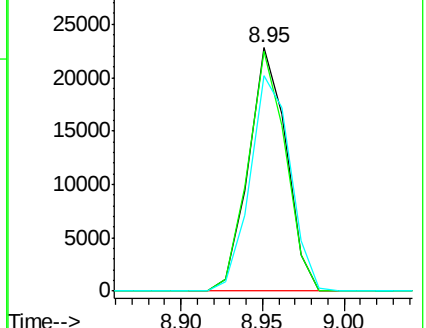
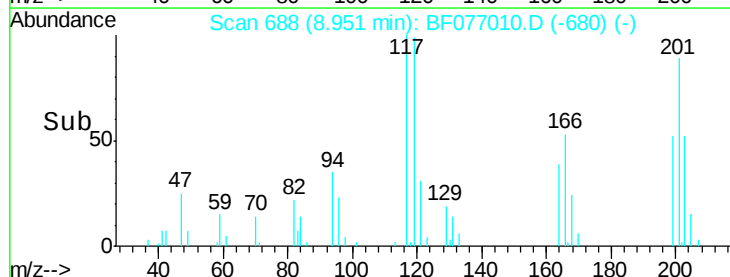
201 88.6 66.8 100.2

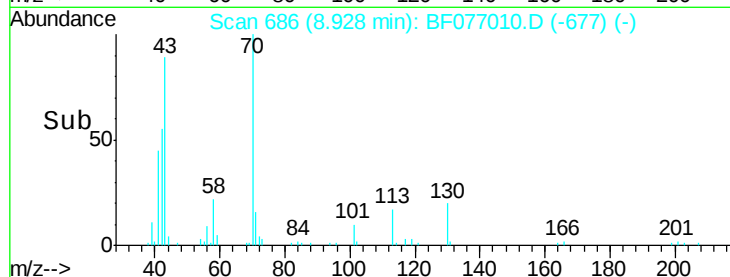
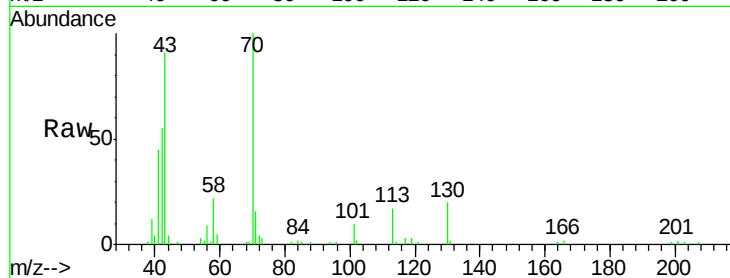
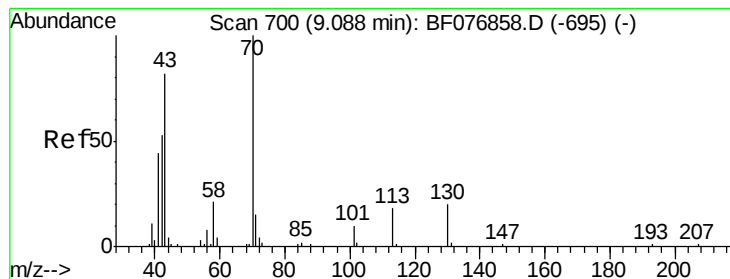


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.34 ng

RT: 8.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 66818

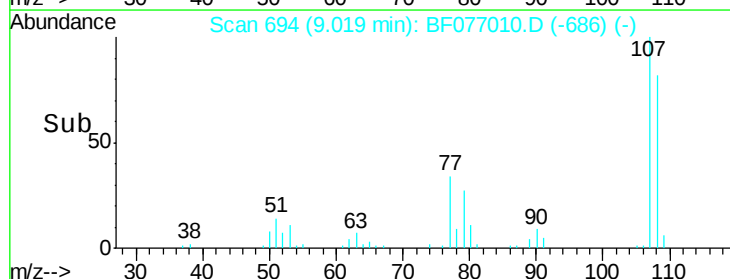
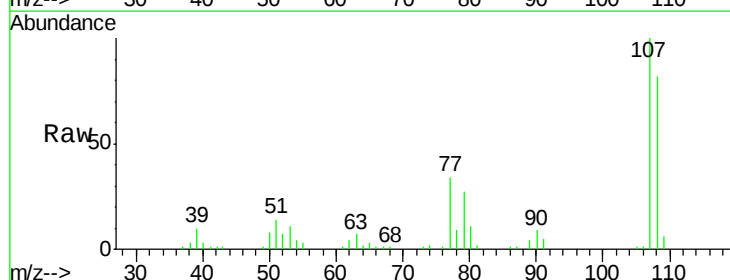
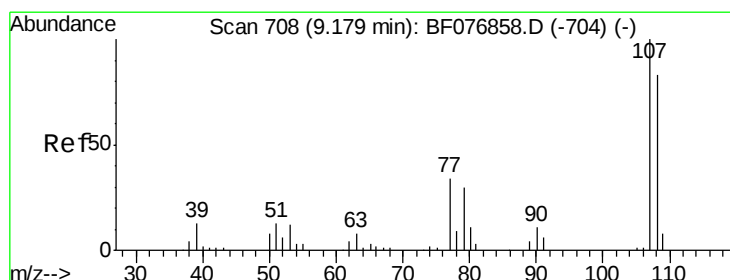
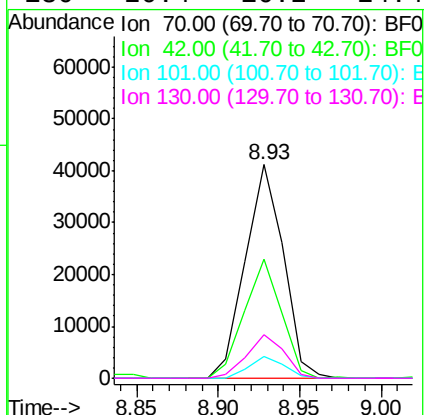
Ion Ratio Lower Upper

70 100

42 55.5 42.1 63.1

101 10.2 7.8 11.8

130 20.4 16.2 24.4



#20

3+4-Methylphenols

Concen: 39.61 ng

RT: 9.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Tgt Ion: 107 Resp: 95041

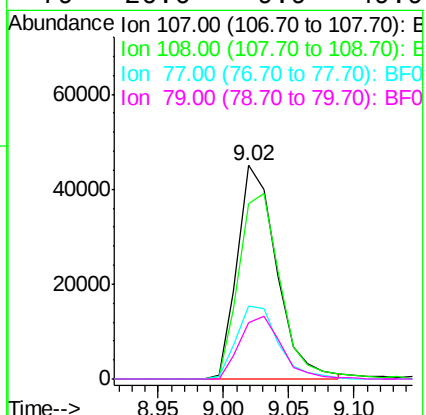
Ion Ratio Lower Upper

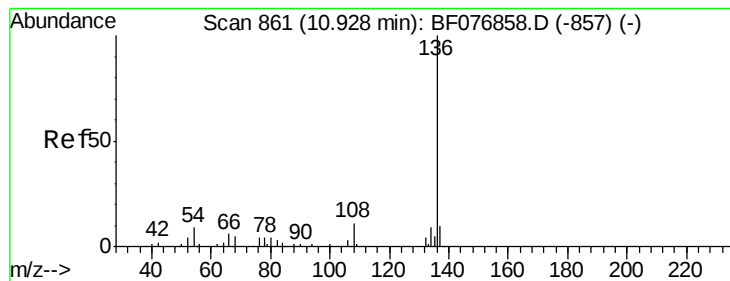
107 100

108 82.3 63.5 103.5

77 34.4 14.0 54.0

79 26.6 9.9 49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 131697

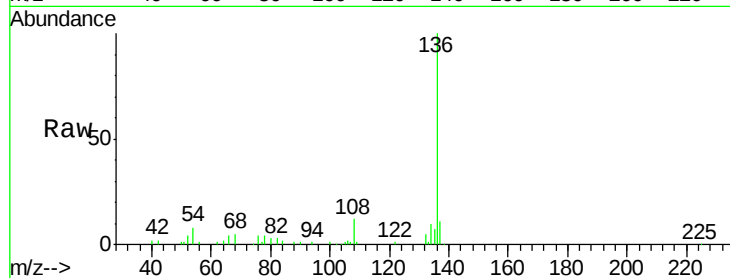
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 7.5 7.0 10.4

68 4.7 3.7 5.5

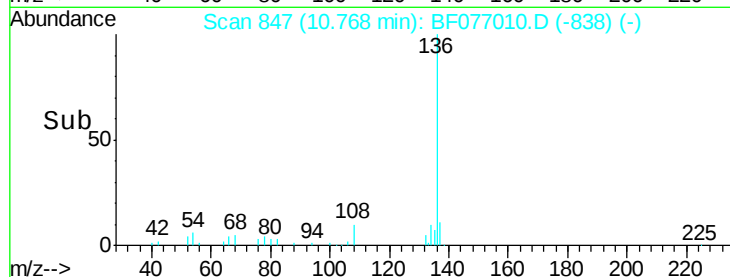


Abundance Ion 136.00 (135.70 to 136.70): E

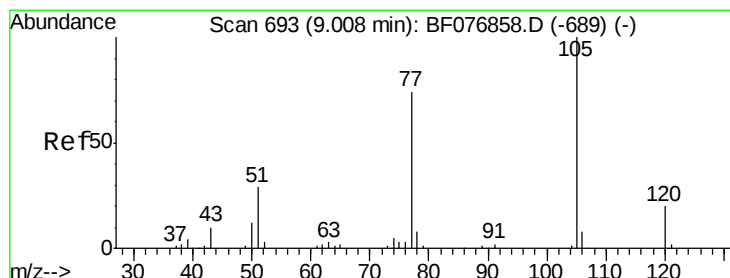
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.38 ng

RT: 8.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Tgt Ion:105 Resp: 133492

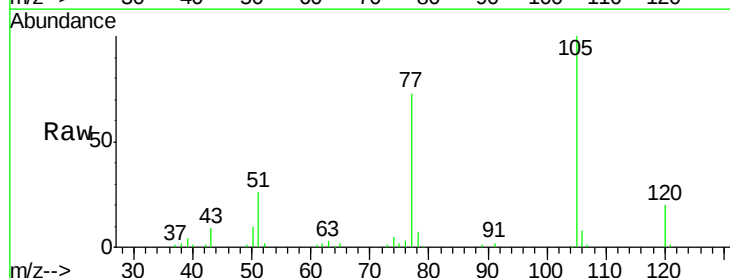
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 26.4 23.3 34.9

120 19.8 16.1 24.1

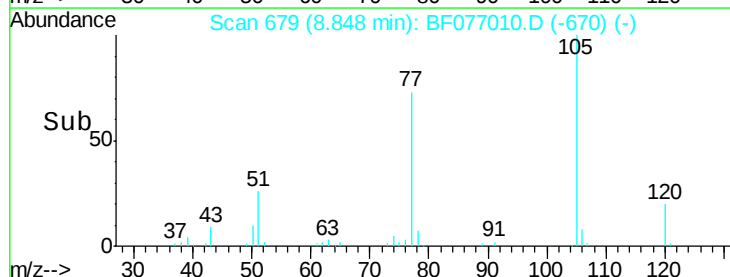


Abundance Ion 105.00 (104.70 to 105.70): E

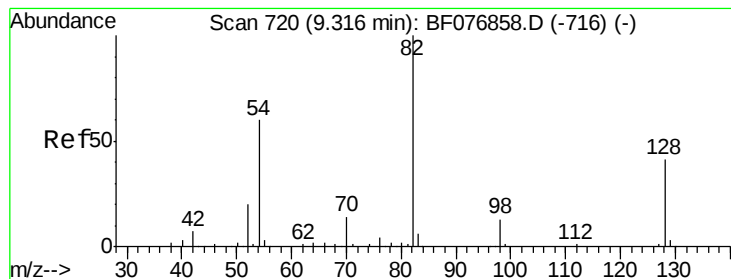
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 83.38 ng

RT: 9.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

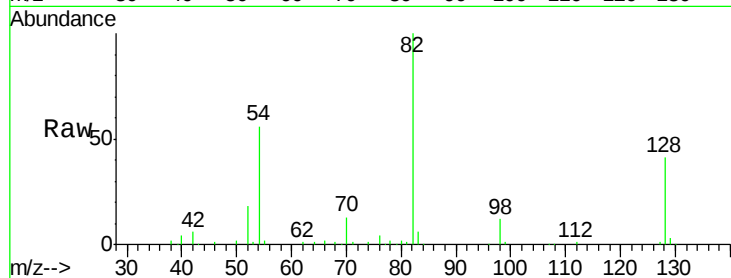
Tot Ion: 82 Resp: 198206

Ion Ratio Lower Upper

82 100

128 41.3 33.1 49.7

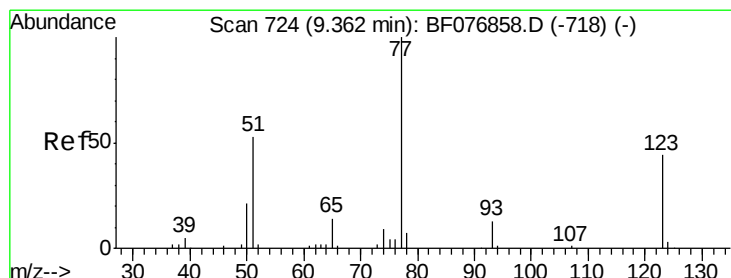
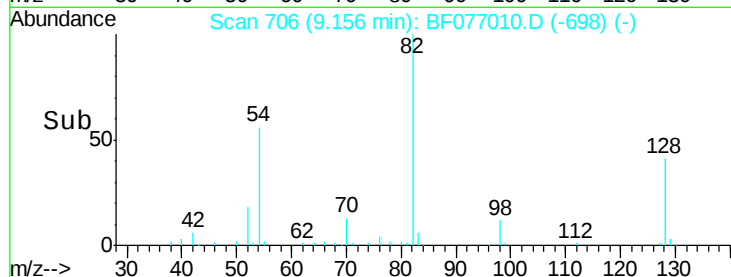
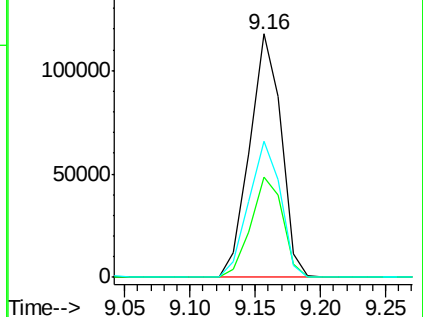
54 55.8 48.3 72.5



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



#24

Nitrobenzene

Concen: 40.60 ng

RT: 9.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

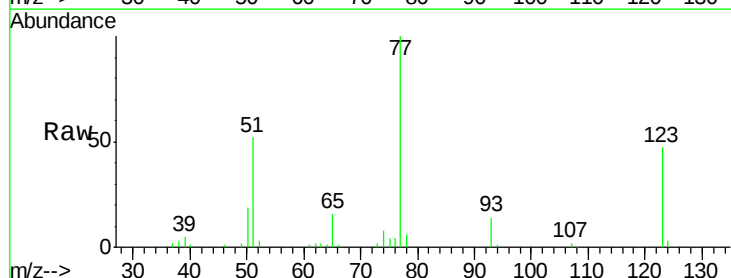
Tgt Ion: 77 Resp: 98323

Ion Ratio Lower Upper

77 100

123 47.1 35.2 52.8

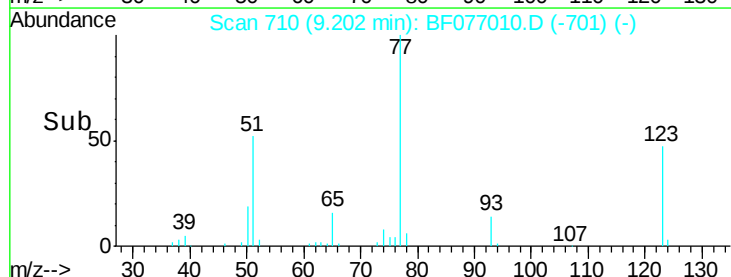
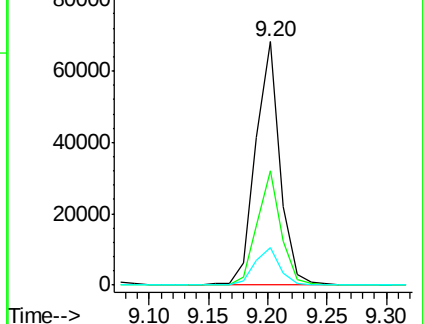
65 15.7 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.39 ng

RT: 9.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampled :

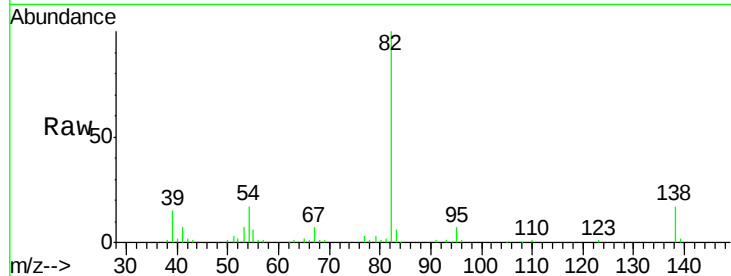
Tot Ion: 82 Resp: 179201

Ion Ratio Lower Upper

82 100

95 7.5 6.6 10.0

138 17.1 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF077010.D (-762) (-)

Ion 95.00 (94.70 to 95.70): BF077010.D (-762) (-)

Ion 138.00 (137.70 to 138.70): BF077010.D (-762) (-)

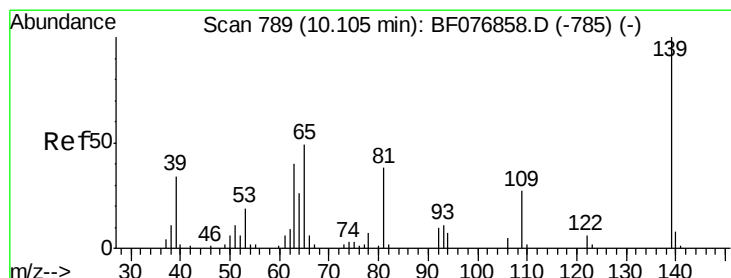
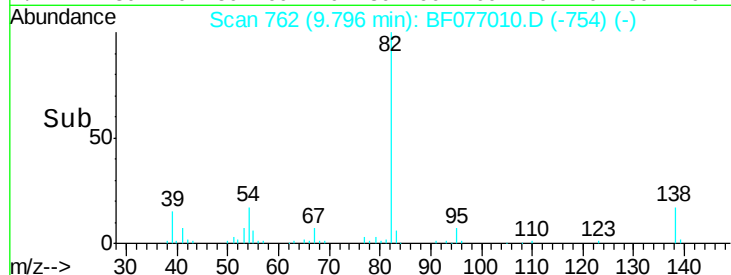
9.80

100000

50000

0

Time-->



#26

2-Nitrophenol

Concen: 39.20 ng

RT: 9.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

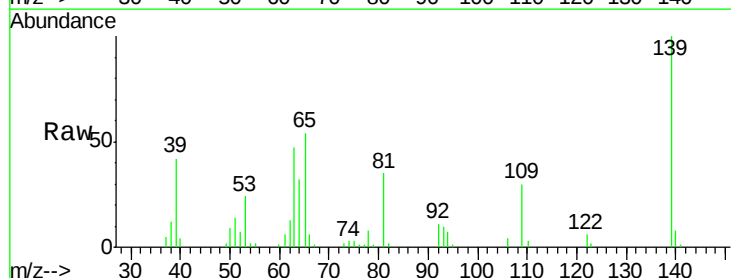
Tgt Ion: 139 Resp: 48198

Ion Ratio Lower Upper

139 100

109 30.5 21.3 31.9

65 54.3 39.4 59.0



Abundance Ion 139.00 (138.70 to 139.70): BF077010.D (-774) (-)

Ion 109.00 (108.70 to 109.70): BF077010.D (-774) (-)

Ion 65.00 (64.70 to 65.70): BF077010.D (-774) (-)

9.93

40000

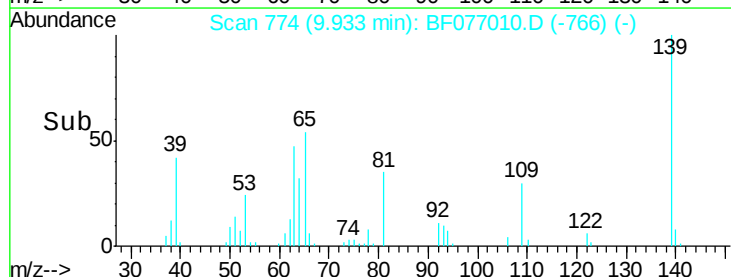
30000

20000

10000

0

Time-->

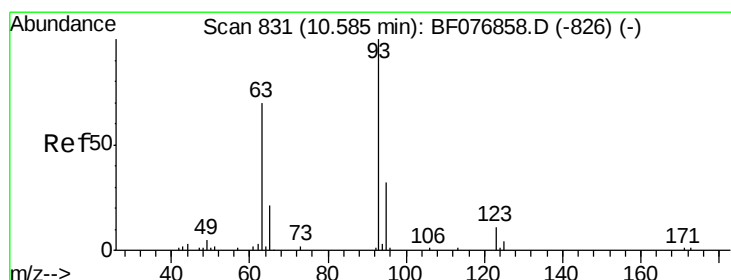
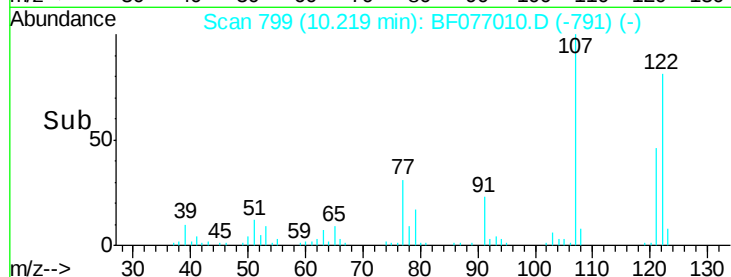
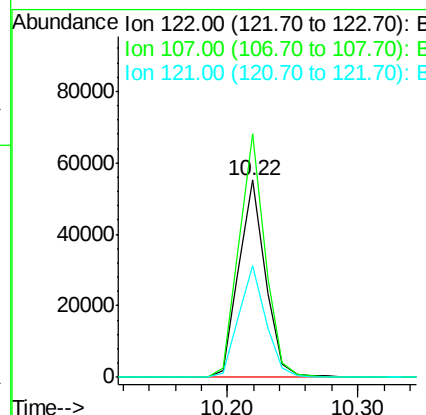
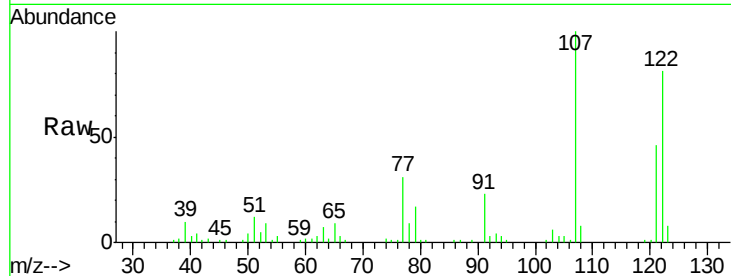




#27
 2,4-Dimethylphenol
 Concen: 41.82 ng
 RT: 10.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

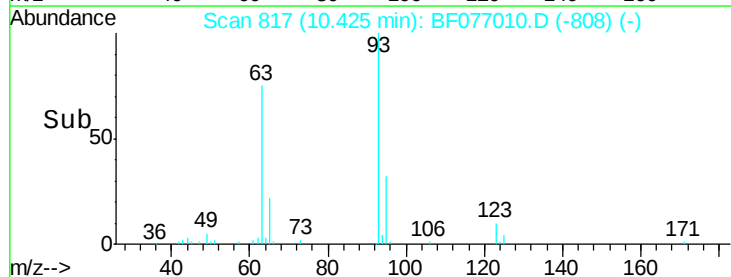
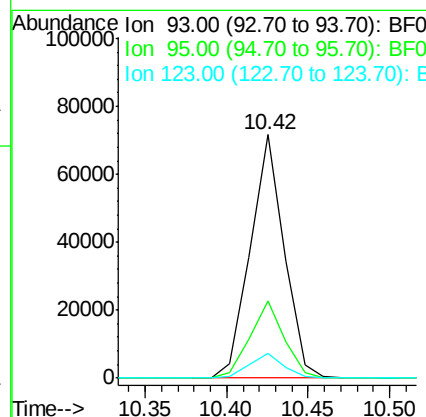
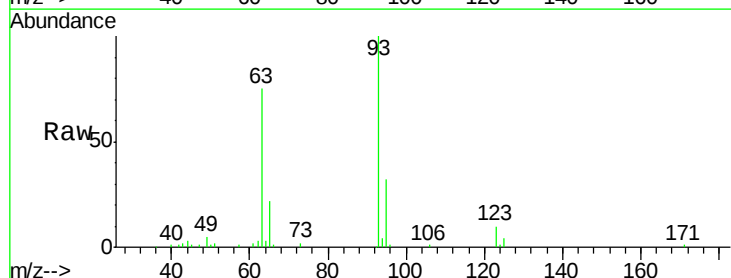
Instrument :
 BNA_F
 ClientSampled :

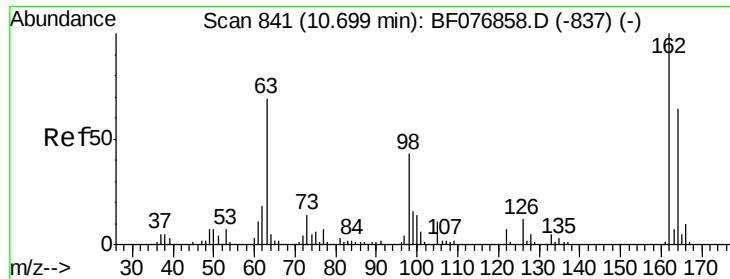
Tot Ion:122 Resp: 78309
 Ion Ratio Lower Upper
 122 100
 107 123.4 95.2 142.8
 121 56.6 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.96 ng
 RT: 10.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion: 93 Resp: 103248
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.6 38.4
 123 10.3 8.9 13.3

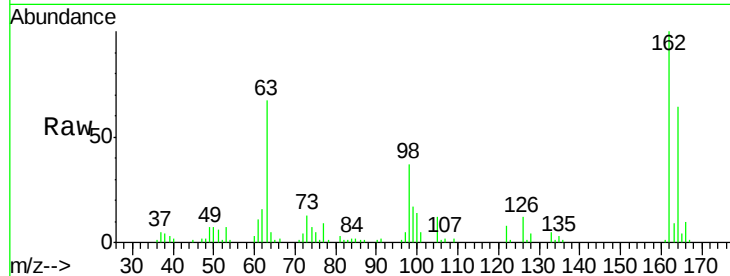




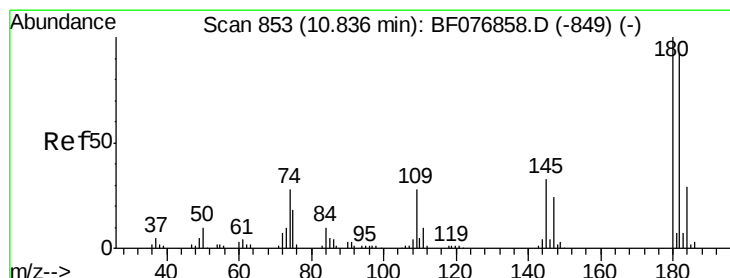
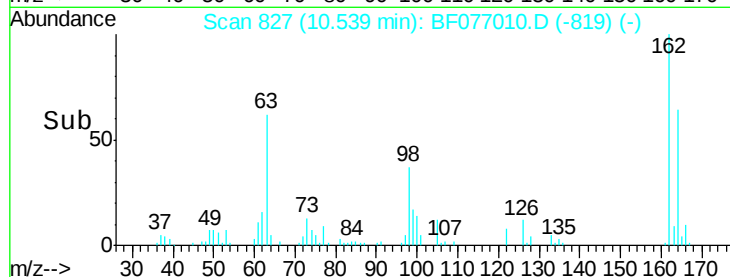
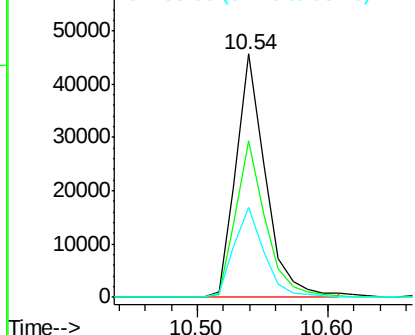
#29
 2,4-Dichlorophenol
 Concen: 41.45 ng
 RT: 10.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 72342
 Ion Ratio Lower Upper
 162 100
 164 64.3 43.8 83.8
 98 37.1 22.5 62.5

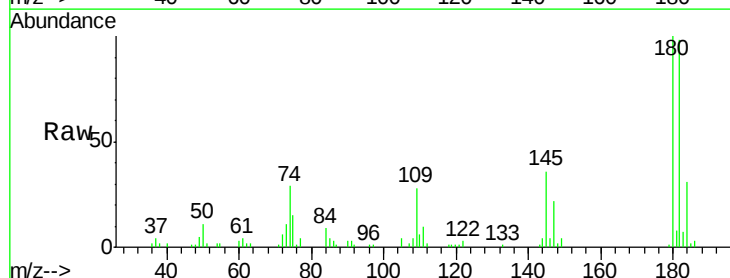


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

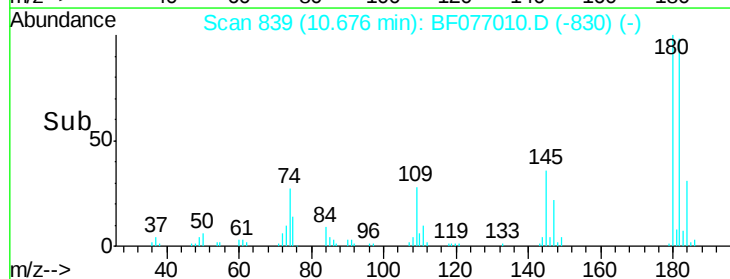
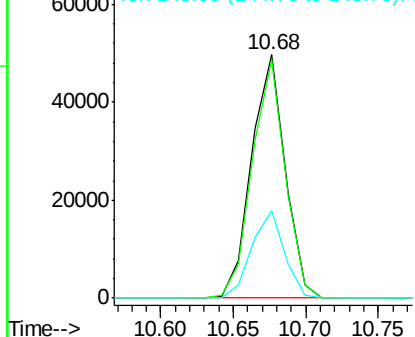


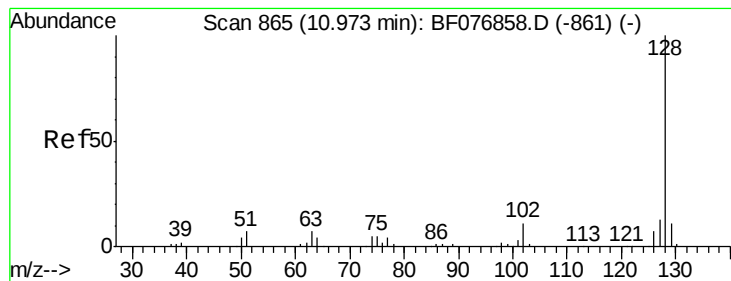
#30
 1,2,4-Trichlorobenzene
 Concen: 41.11 ng
 RT: 10.68 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:180 Resp: 79702
 Ion Ratio Lower Upper
 180 100
 182 98.1 73.6 110.4
 145 35.9 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: 41.29 ng

RT: 10.81 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

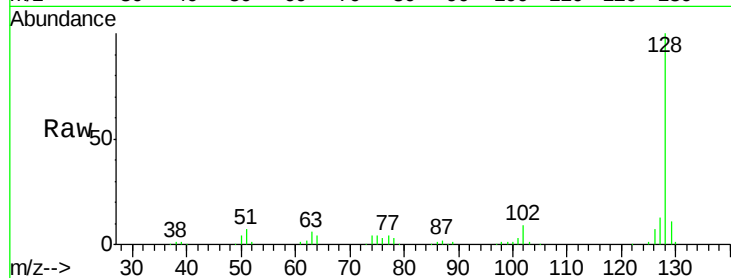
Tot Ion:128 Resp: 279970

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

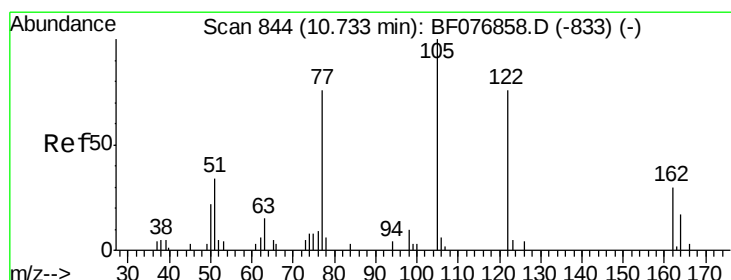
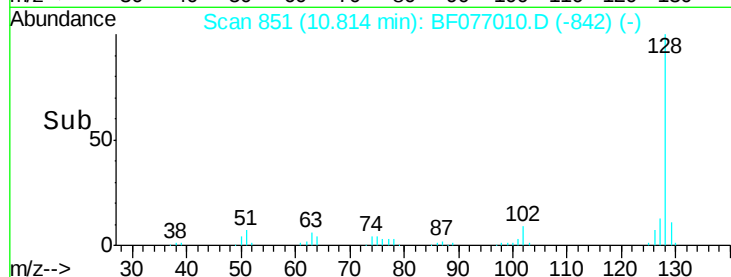
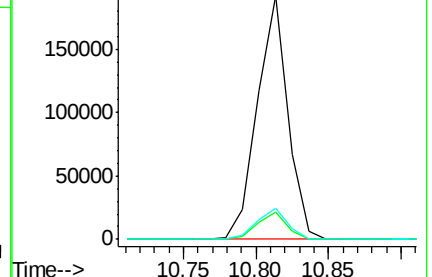
127 12.6 10.2 15.2



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: 20.12 ng

RT: 10.60 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

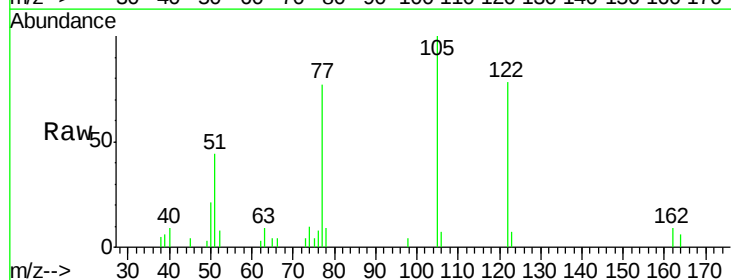
Tgt Ion:122 Resp: 20871

Ion Ratio Lower Upper

122 100

105 128.2 111.3 151.3

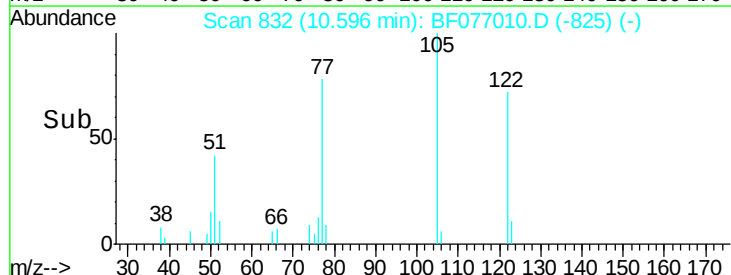
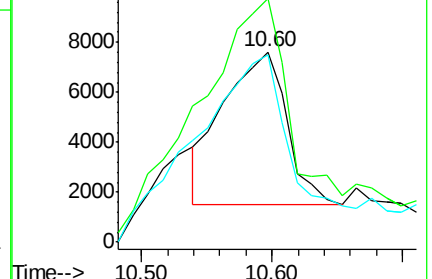
77 98.6 79.2 119.2



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

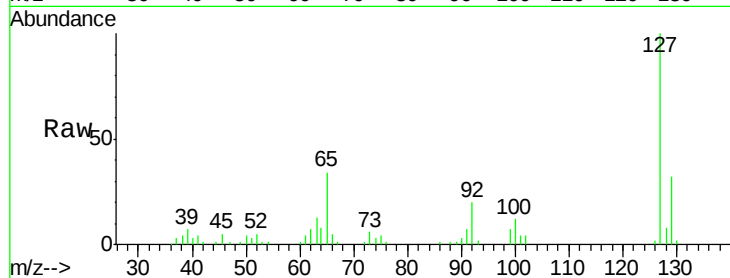




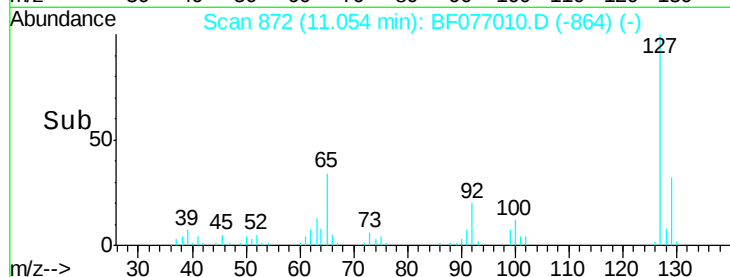
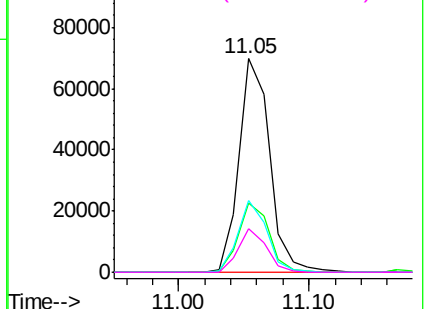
#33
4-Chloroaniline
Concen: 41.77 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 114449
Ion Ratio Lower Upper
127 100
129 32.5 25.3 37.9
65 33.5 27.8 41.6
92 20.2 16.5 24.7

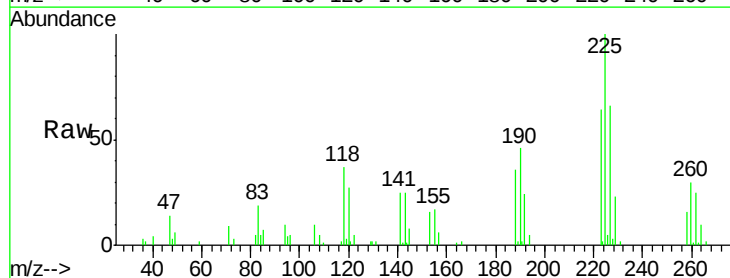


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

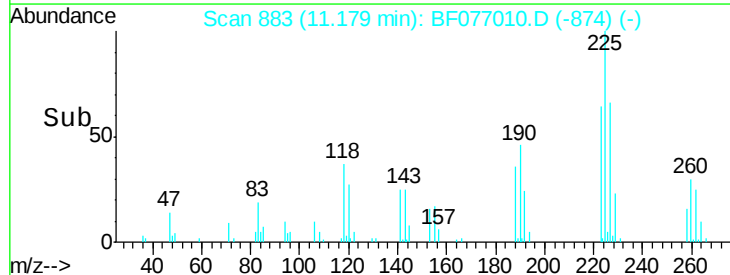
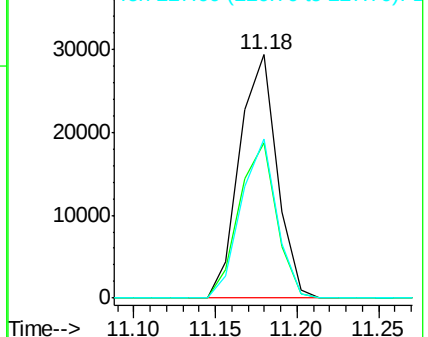


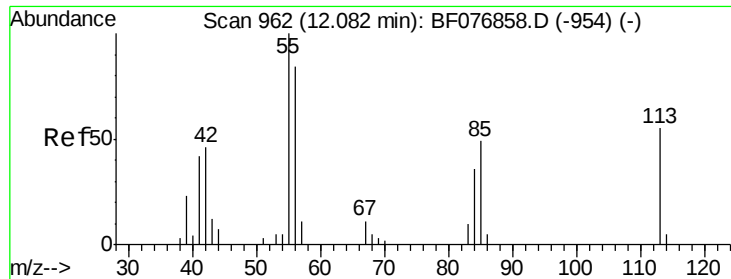
#34
Hexachlorobutadiene
Concen: 40.50 ng
RT: 11.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion:225 Resp: 46586
Ion Ratio Lower Upper
225 100
223 63.9 49.1 73.7
227 65.5 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

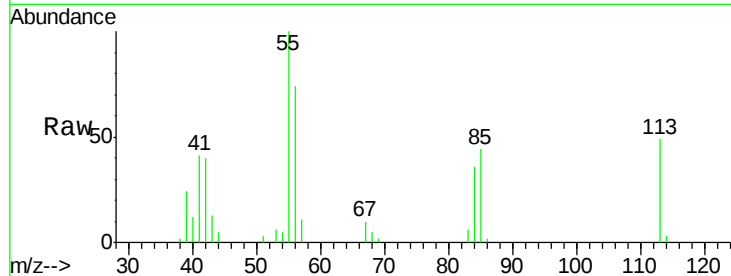




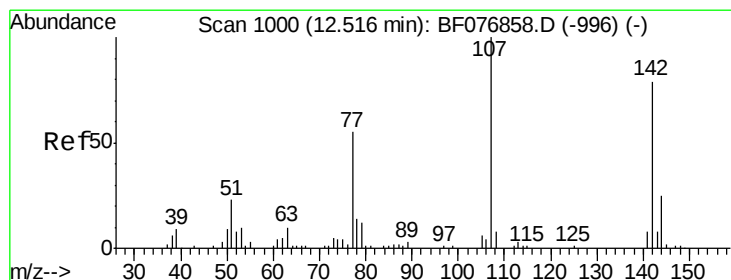
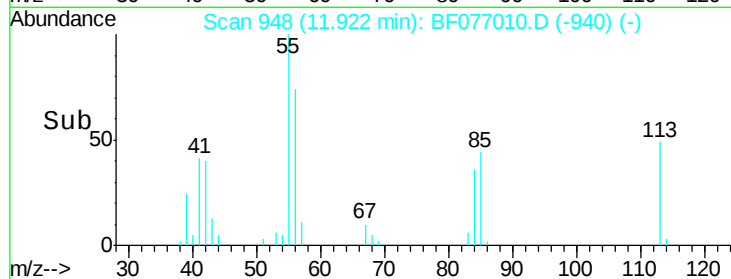
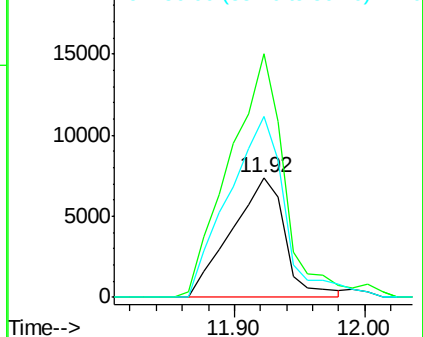
#35
 Caprolactam
 Concen: 41.26 ng
 RT: 11.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 21199
 Ion Ratio Lower Upper
 113 100
 55 203.1 162.1 202.1#
 56 151.2 133.7 173.7

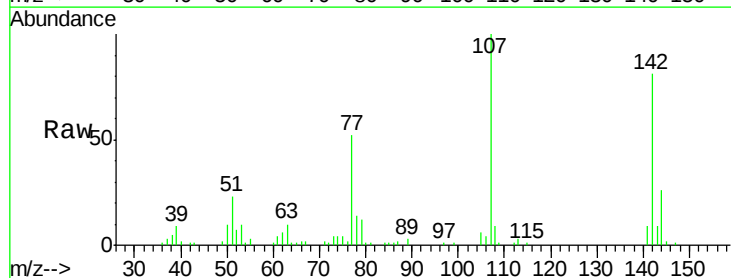


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

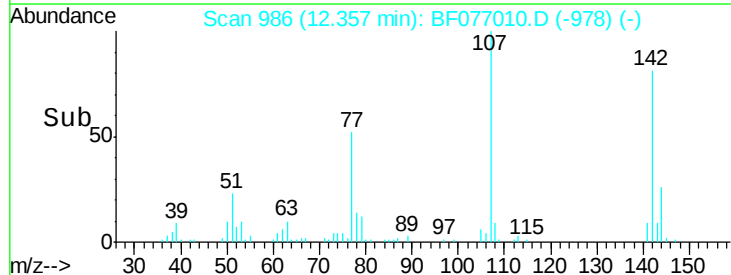
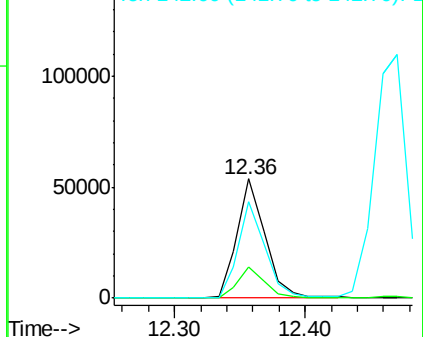


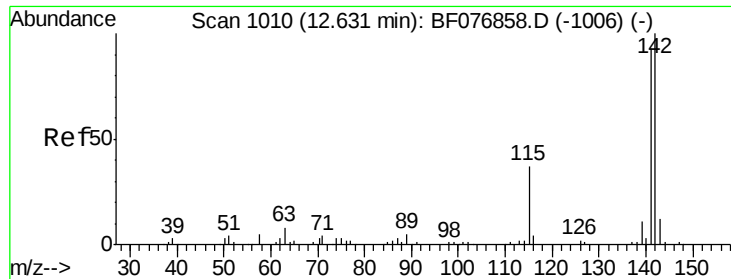
#36
 4-Chloro-3-methylphenol
 Concen: 40.55 ng
 RT: 12.36 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:107 Resp: 81032
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.0 30.0
 142 81.5 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

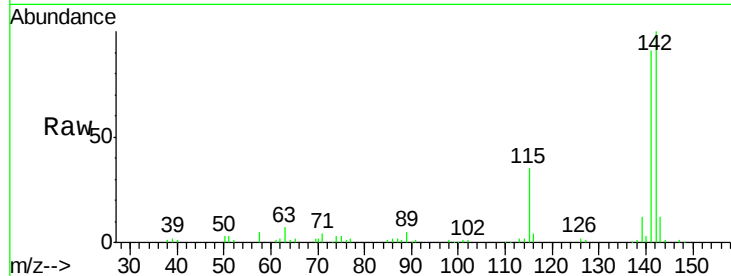




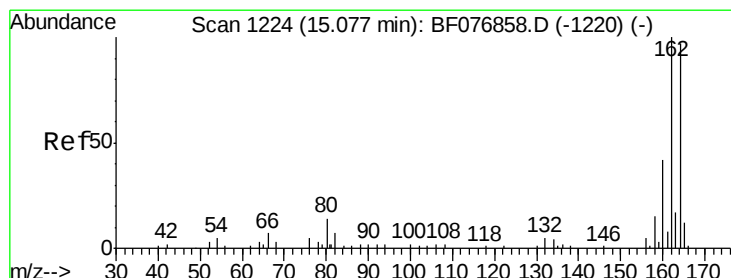
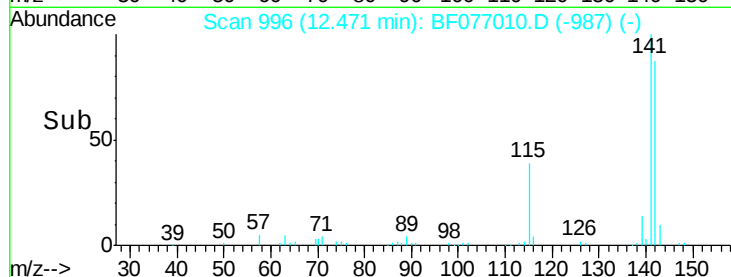
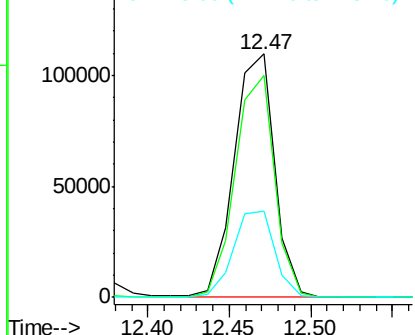
#37
 2-Methylnaphthalene
 Concen: 40.73 ng
 RT: 12.47 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 188574
 Ion Ratio Lower Upper
 142 100
 141 91.2 74.5 111.7
 115 35.3 29.7 44.5

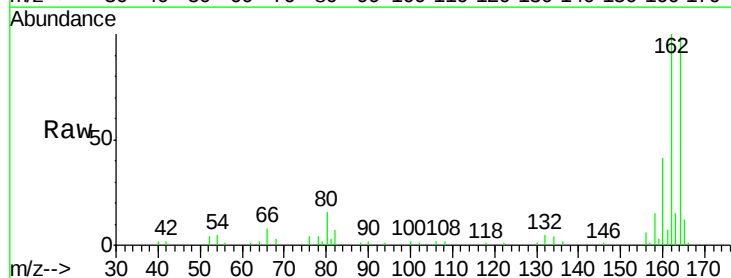


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

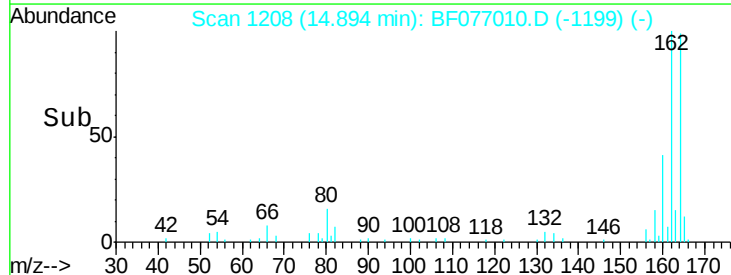
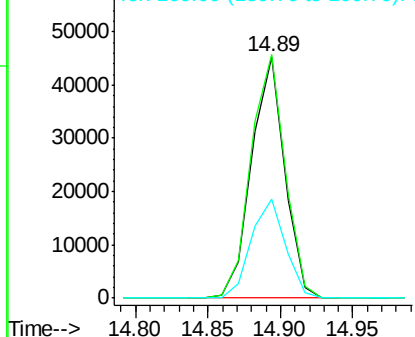


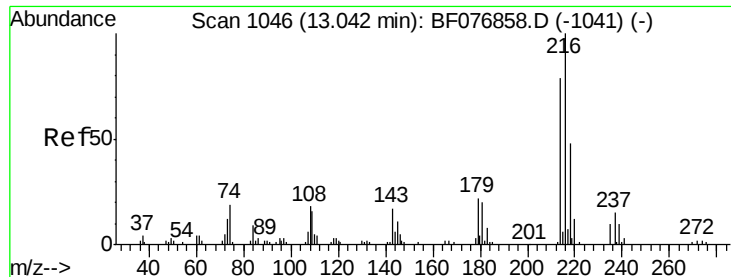
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:164 Resp: 71597
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.4 123.6
 160 41.2 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: 40.62 ng

RT: 12.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 71900

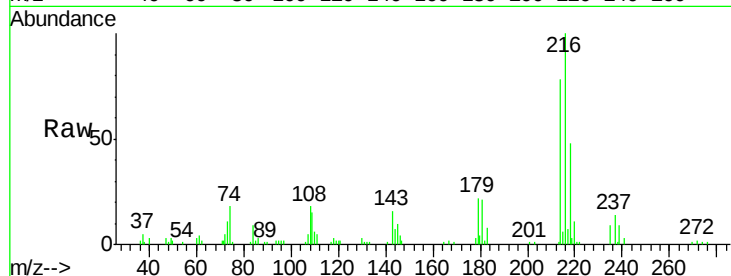
Ion Ratio Lower Upper

216 100

214 78.1 64.9 97.3

179 23.5 18.6 28.0

108 21.8 18.1 27.1

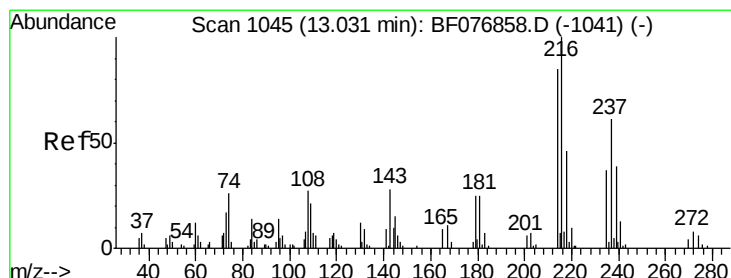
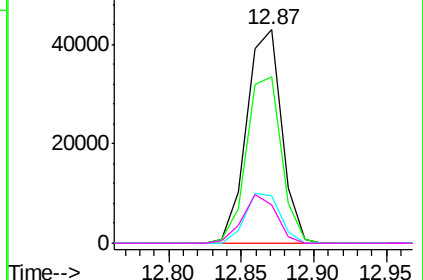
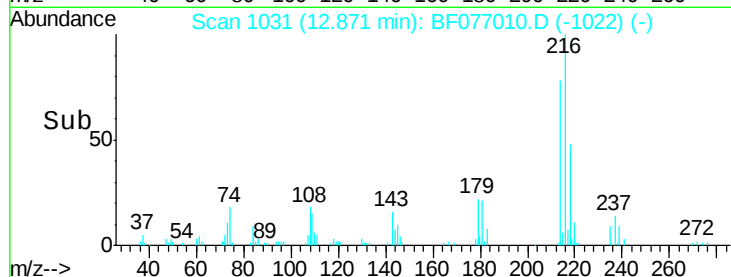


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.97 ng

RT: 12.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

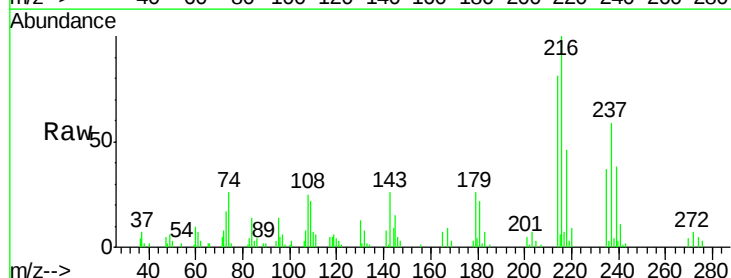
Tgt Ion:237 Resp: 37798

Ion Ratio Lower Upper

237 100

235 63.1 40.4 80.4

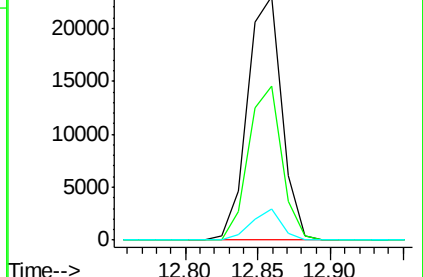
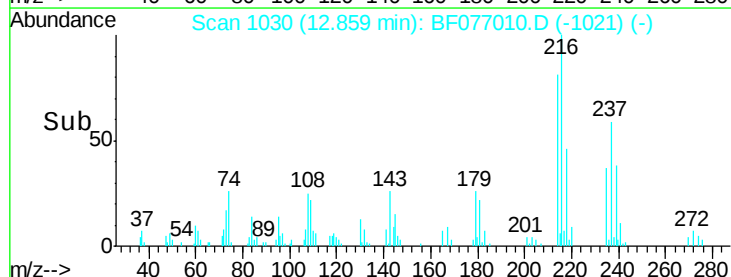
272 12.7 0.0 33.2



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

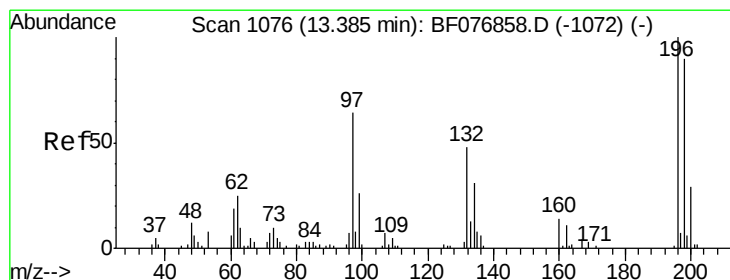
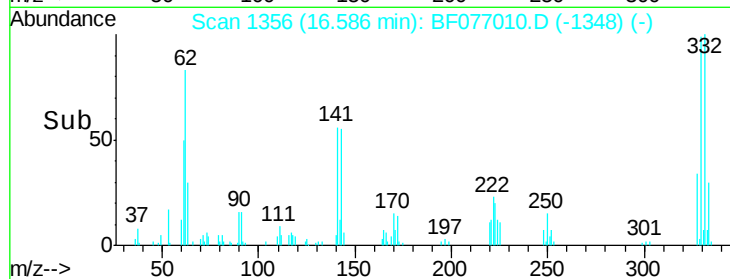
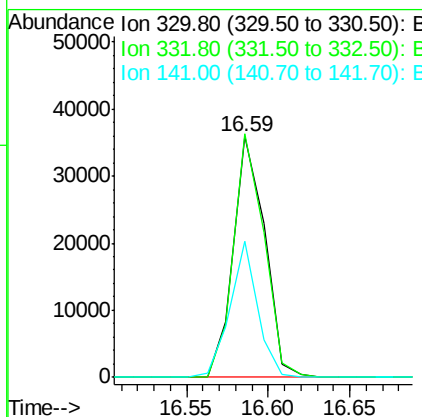
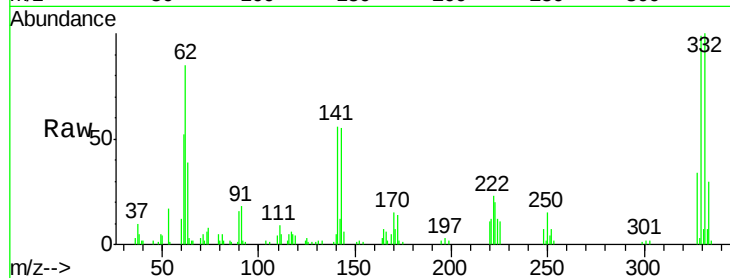




#41
 2,4,6-Tribromophenol
 Concen: 82.13 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

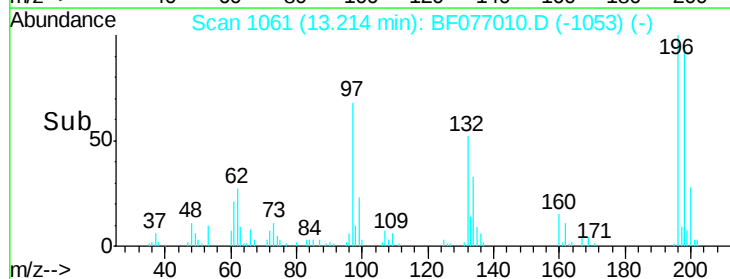
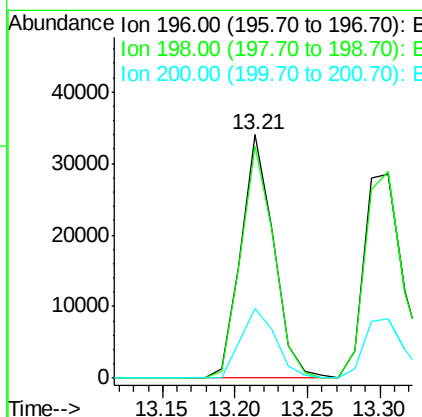
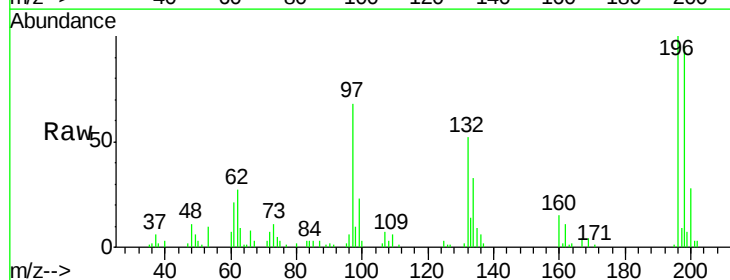
Instrument :
 BNA_F
 ClientSampled :

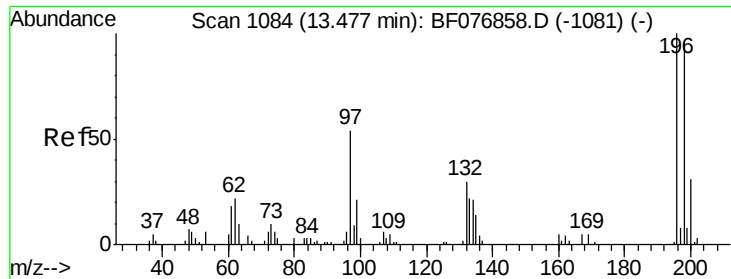
Tot Ion:330 Resp: 47734
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 49.8 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 41.17 ng
 RT: 13.21 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:196 Resp: 53095
 Ion Ratio Lower Upper
 196 100
 198 95.2 72.0 108.0
 200 28.4 23.4 35.2

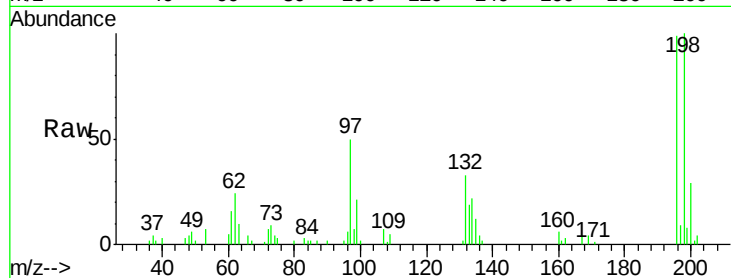




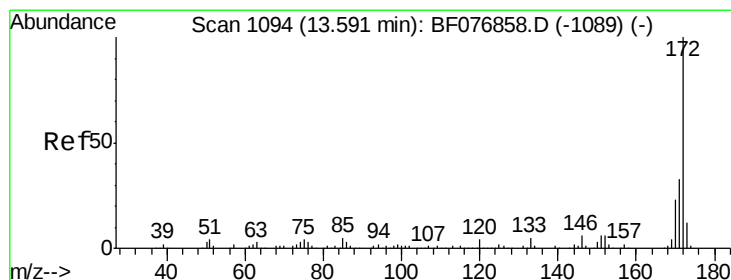
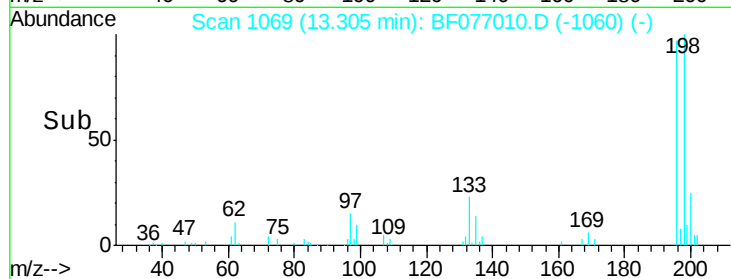
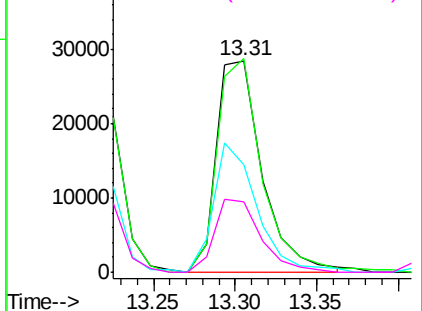
#43
2,4,5-Trichlorophenol
Concen: 42.18 ng
RT: 13.31 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 55486
Ion Ratio Lower Upper
196 100
198 100.9 76.6 115.0
97 50.7 43.4 65.0
132 33.1 23.7 35.5

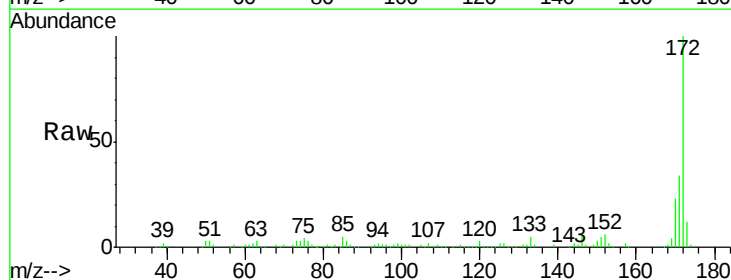


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

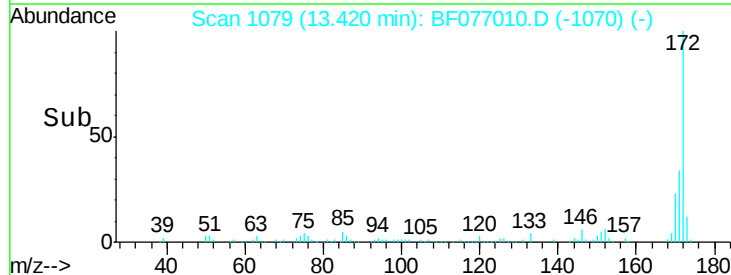
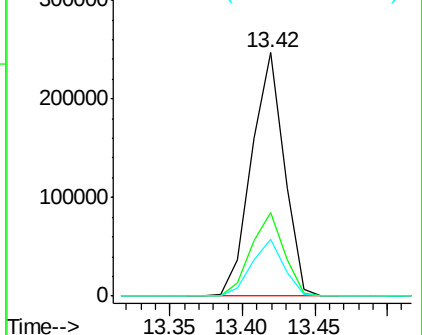


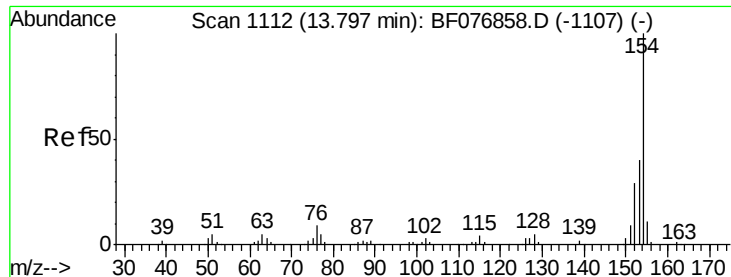
#44
2-Fluorobiphenyl
Concen: 81.98 ng
RT: 13.42 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion:172 Resp: 385689
Ion Ratio Lower Upper
172 100
171 34.5 26.6 40.0
170 23.5 18.0 27.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.75 ng

RT: 13.61 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

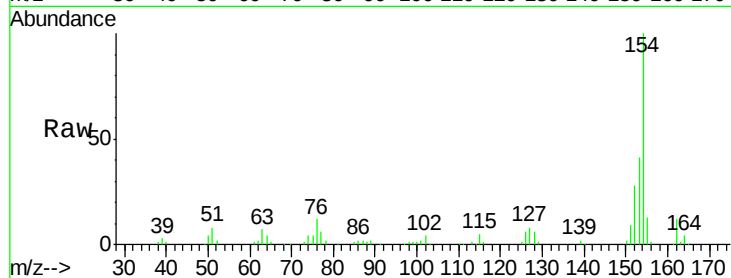
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 221597

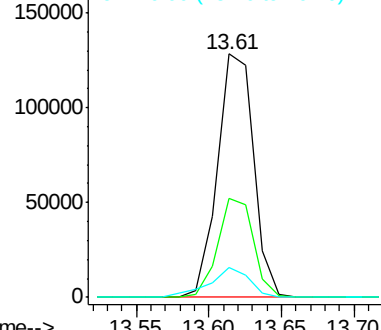
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.2	60.2
76	12.2	0.0	29.0



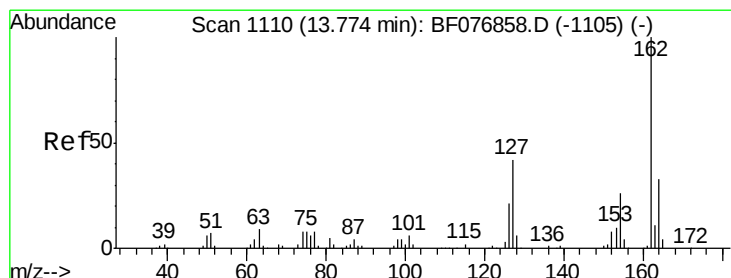
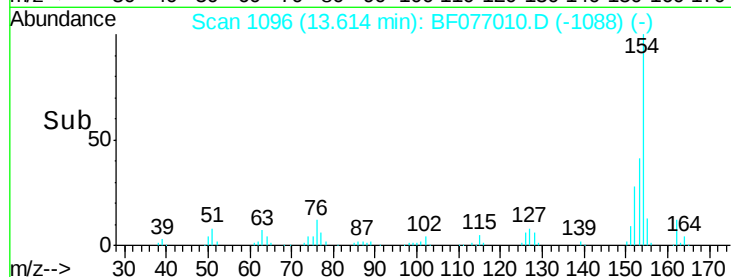
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 41.61 ng

RT: 13.59 min Scan# 1094

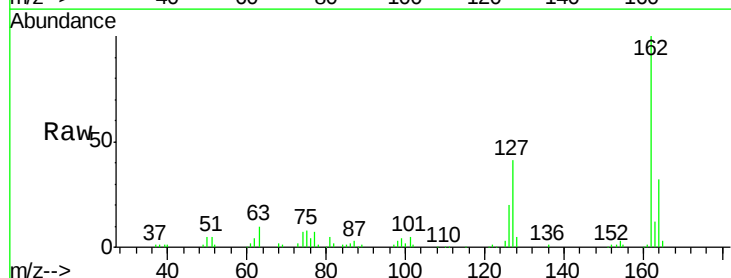
Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Tgt Ion:162 Resp: 181737

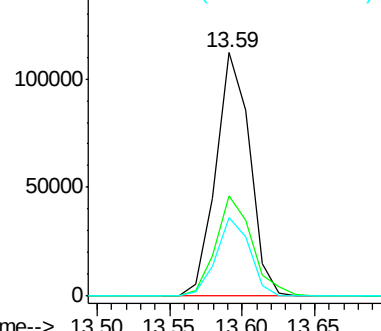
Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.8	50.6
164	32.5	26.8	40.2



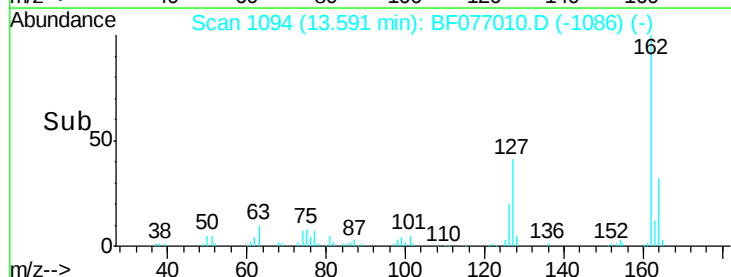
Abundance Ion 162.00 (161.70 to 162.70): E

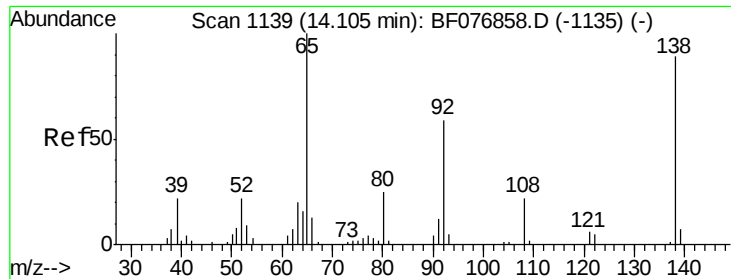
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 43.08 ng

RT: 13.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

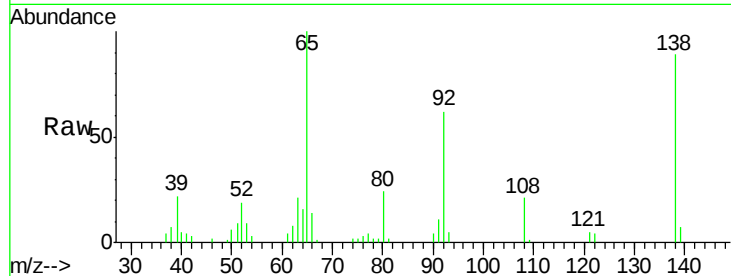
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 65 Resp: 57077

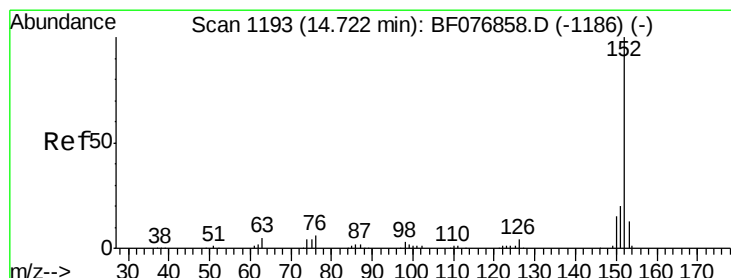
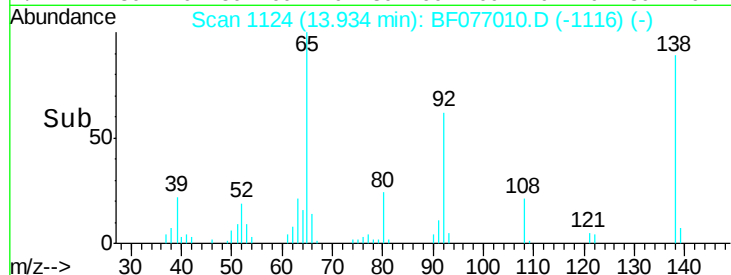
Ion	Ratio	Lower	Upper
65	100		
92	61.7	47.3	70.9
138	89.2	71.4	107.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.86 ng

RT: 14.54 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

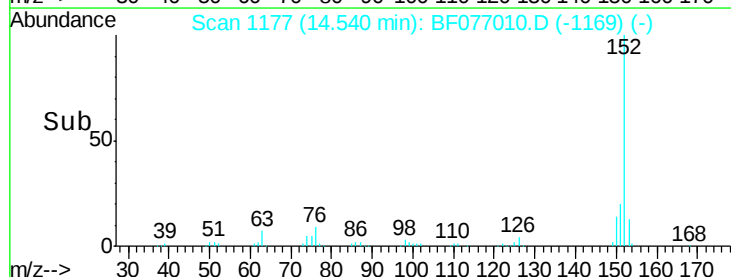
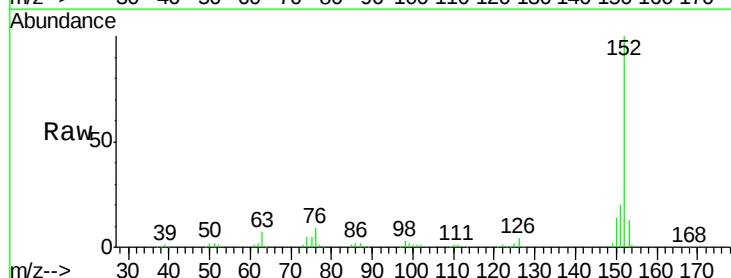
Tgt Ion: 152 Resp: 301061

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.2	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

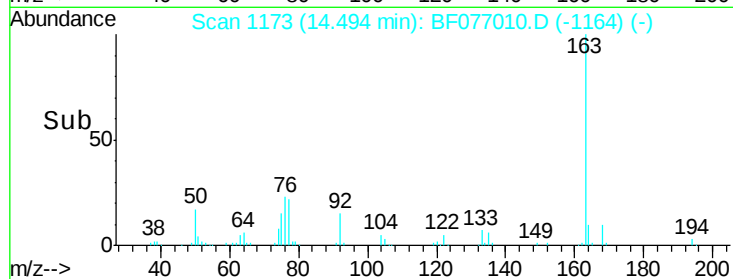
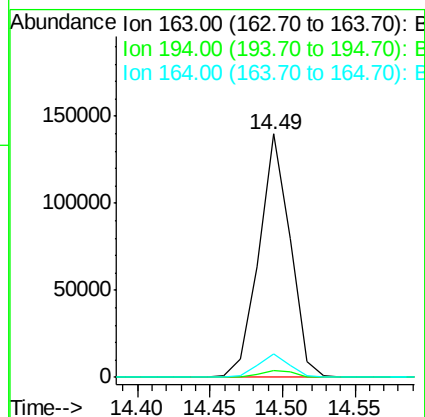
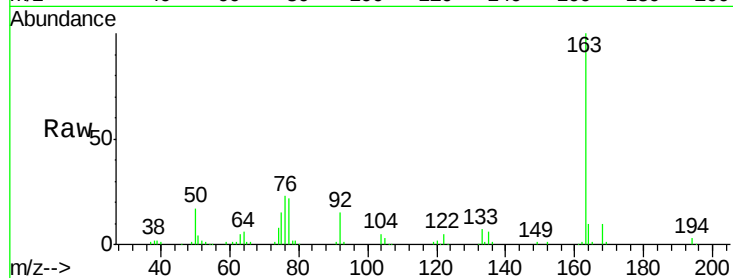




#49
Dimethylphthalate
Concen: 41.12 ng
RT: 14.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

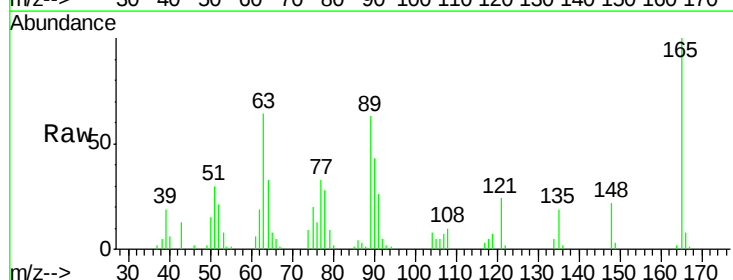
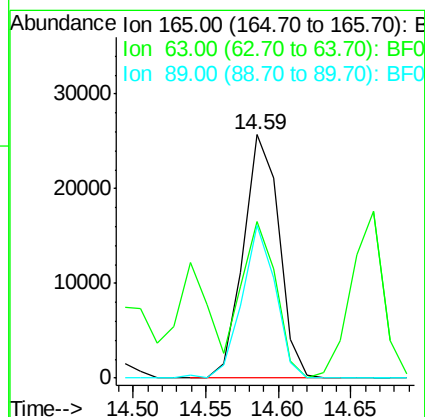
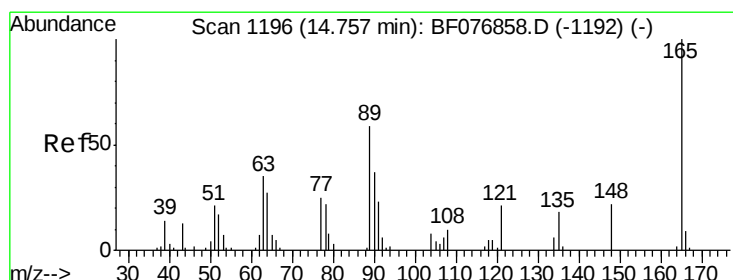
Instrument :
BNA_F
ClientSampleId :

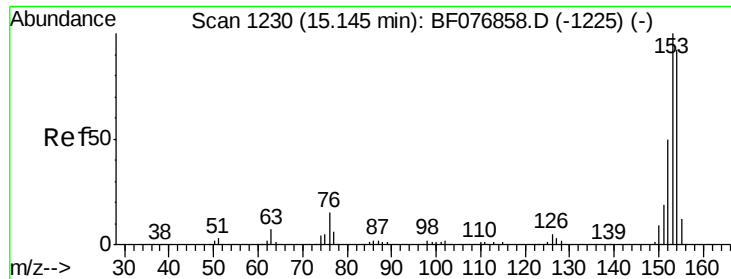
Tot Ion:163 Resp: 208797
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.8 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 43.19 ng
RT: 14.59 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion:165 Resp: 43818
Ion Ratio Lower Upper
165 100
63 64.5 48.1 72.1
89 62.6 47.2 70.8





#51

Acenaphthene

Concen: 40.71 ng

RT: 14.96 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

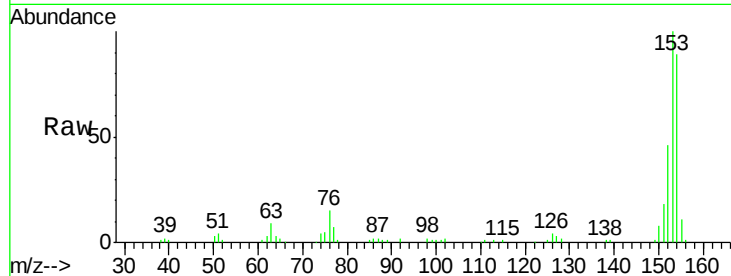
Tot Ion:154 Resp: 170181

Ion Ratio Lower Upper

154 100

153 112.5 87.0 130.6

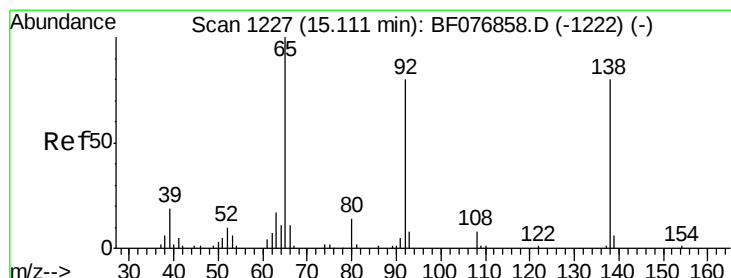
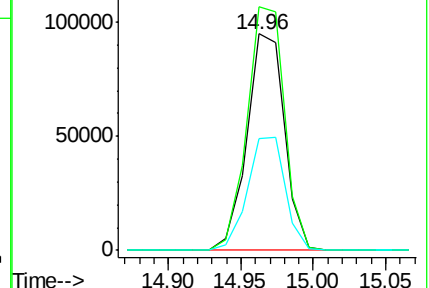
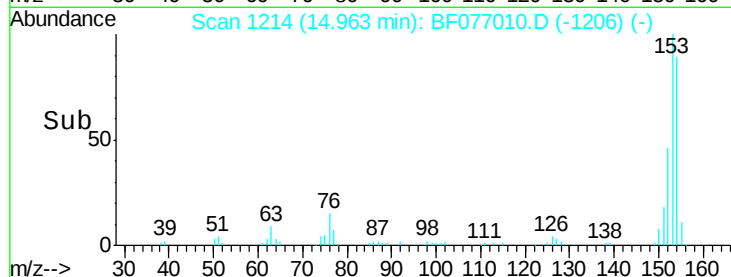
152 51.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.54 ng

RT: 14.94 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

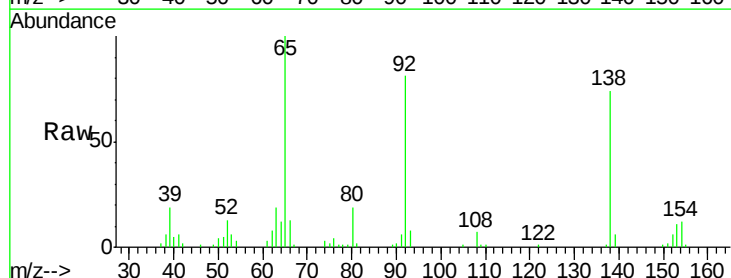
Tgt Ion:138 Resp: 50562

Ion Ratio Lower Upper

138 100

108 9.7 8.3 12.5

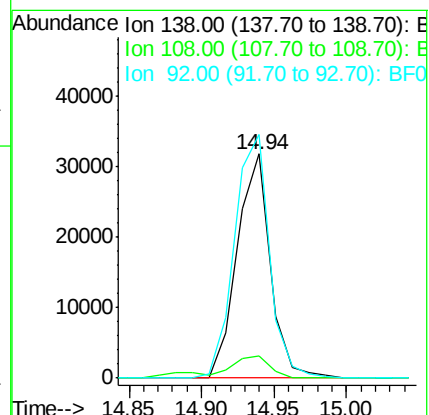
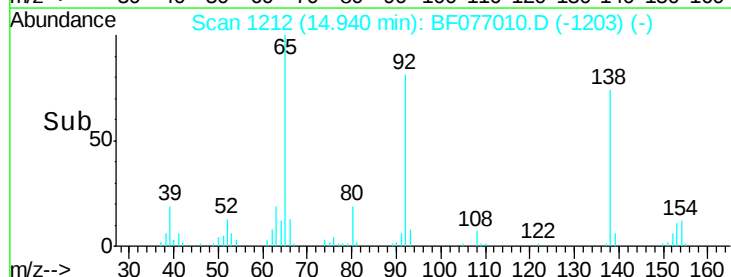
92 108.8 80.9 121.3

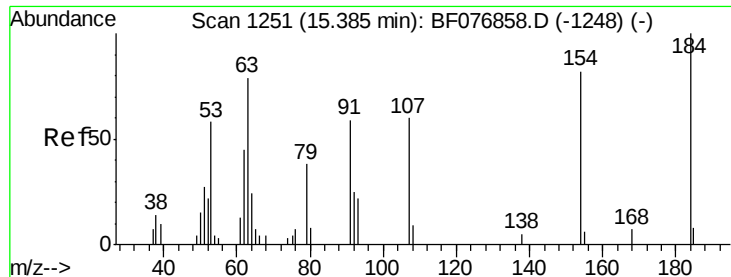


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

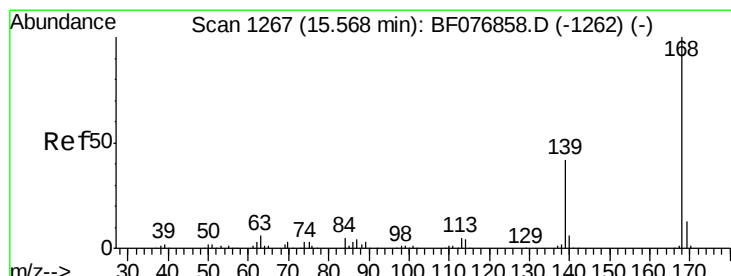
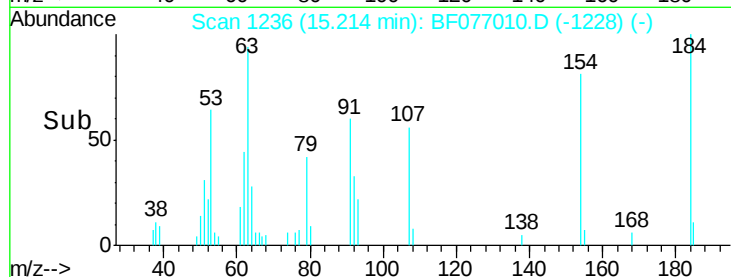
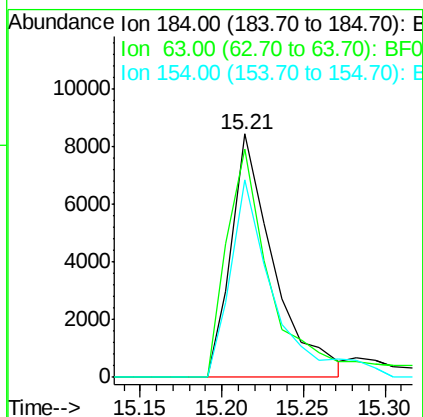
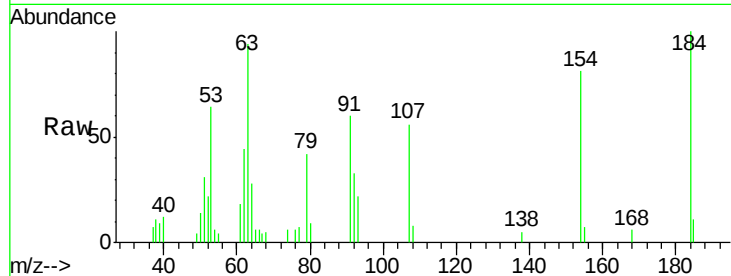




#53
 2,4-Dinitrophenol
 Concen: 39.15 ng
 RT: 15.21 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

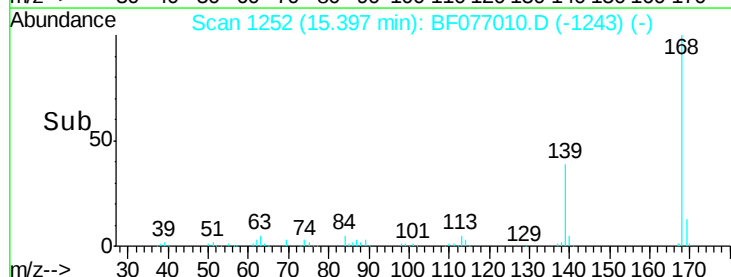
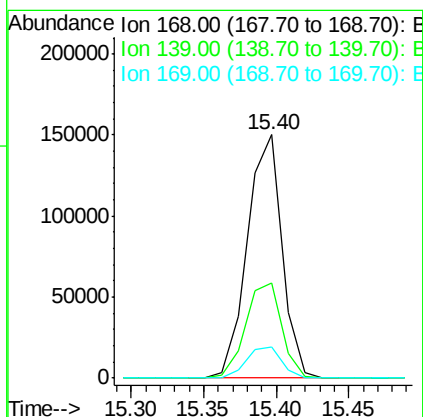
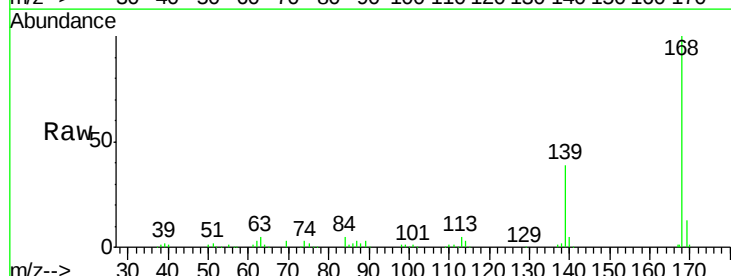
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 15286
 Ion Ratio Lower Upper
 184 100
 63 93.8 63.0 94.6
 154 80.9 65.5 98.3



#54
 Dibenzofuran
 Concen: 40.92 ng
 RT: 15.40 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:168 Resp: 249155
 Ion Ratio Lower Upper
 168 100
 139 39.0 33.4 50.2
 169 13.0 10.6 15.8

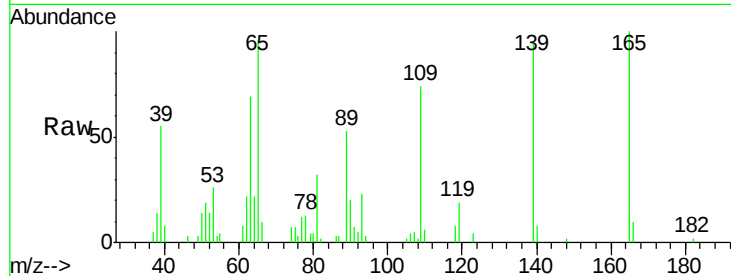




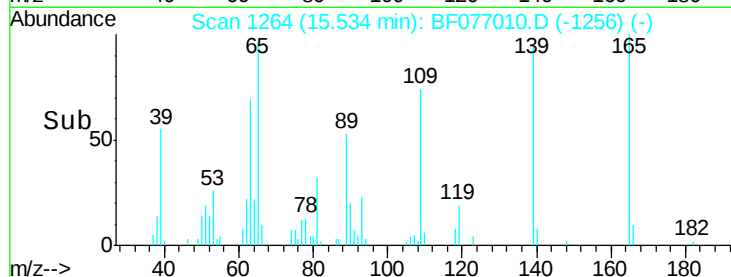
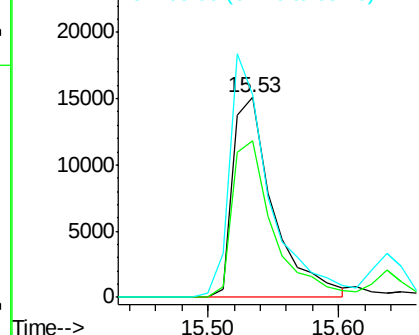
#55
4-Nitrophenol
Concen: 41.04 ng
RT: 15.53 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 32662
Ion Ratio Lower Upper
139 100
109 78.5 61.0 101.0
65 101.4 96.6 136.6

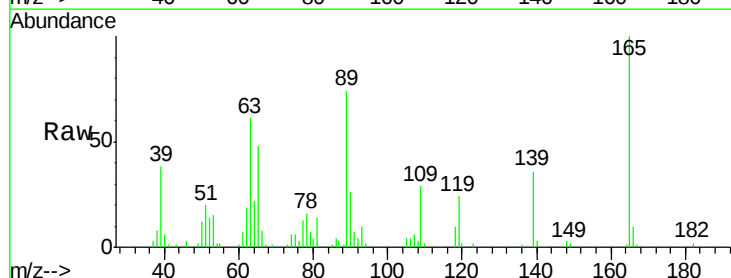


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

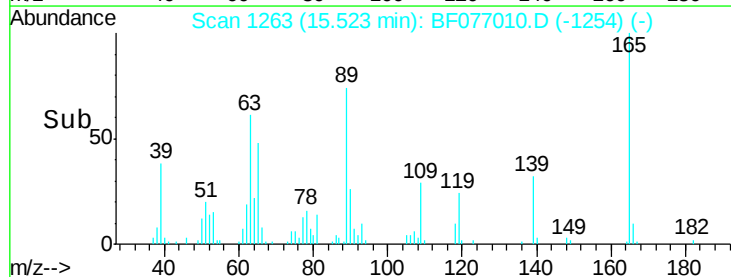
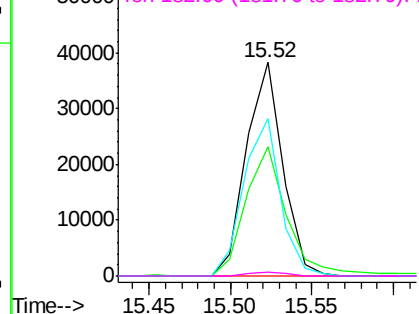


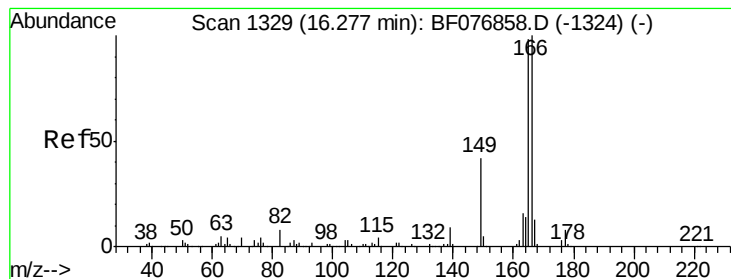
#56
2,4-Dinitrotoluene
Concen: 39.43 ng
RT: 15.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion:165 Resp: 59361
Ion Ratio Lower Upper
165 100
63 60.5 44.8 67.2
89 73.8 56.2 84.2
182 2.1 1.5 2.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.52 ng

RT: 16.13 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

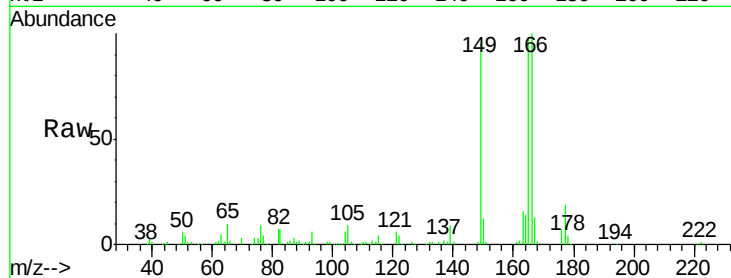
Tot Ion:166 Resp: 209058

Ion Ratio Lower Upper

166 100

165 98.5 78.5 117.7

167 12.9 10.4 15.6

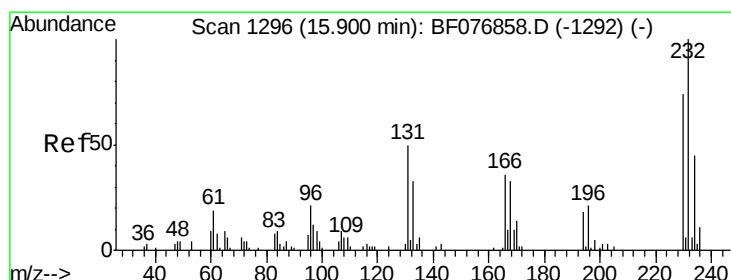
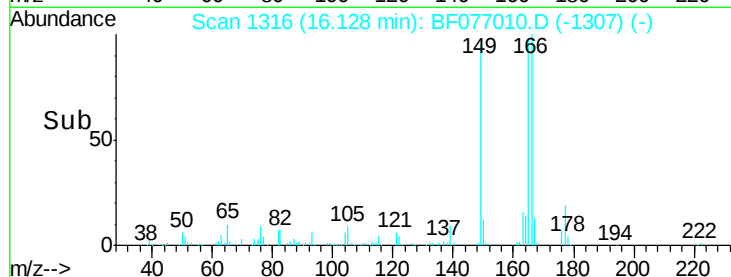
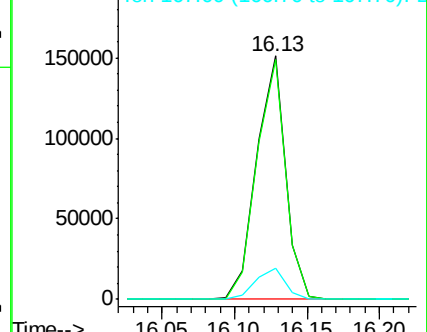


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.75 ng

RT: 15.74 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Tgt Ion:232 Resp: 41903

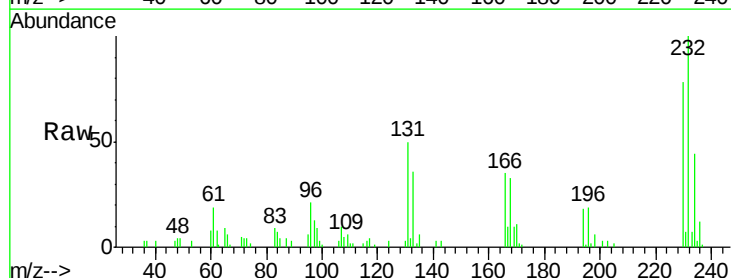
Ion Ratio Lower Upper

232 100

131 59.4 45.0 67.6

130 2.5 2.6 3.8#

166 39.3 30.9 46.3



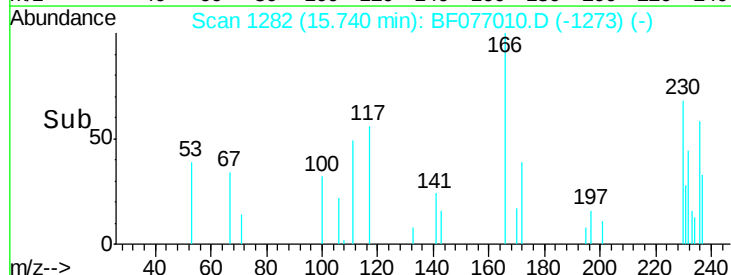
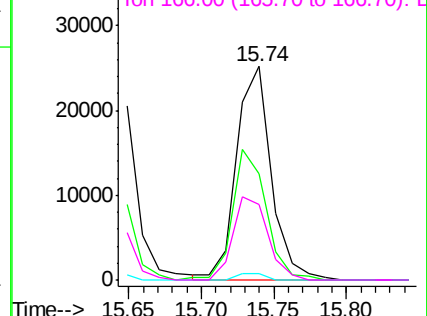
Abundance

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: 41.25 ng

RT: 16.13 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

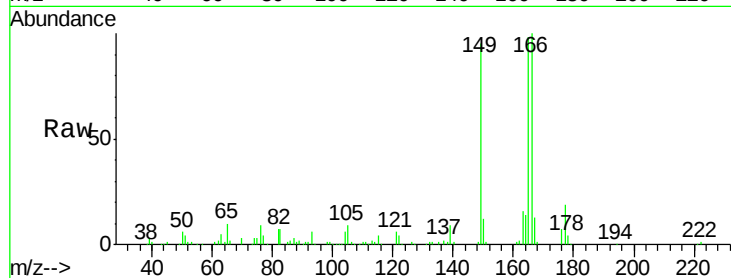
Tot Ion:149 Resp: 211694

Ion Ratio Lower Upper

149 100

177 20.3 15.0 22.6

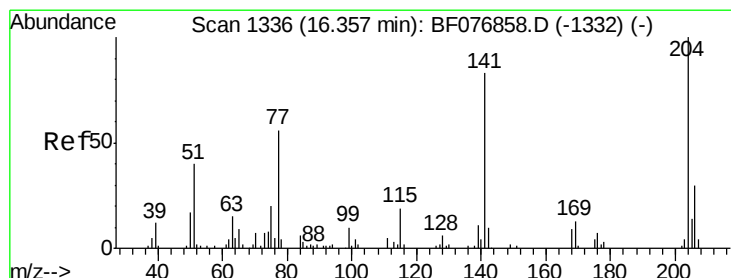
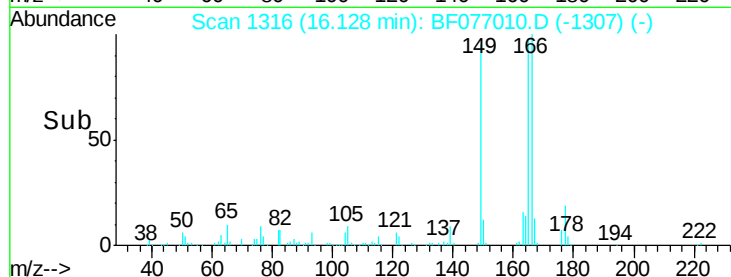
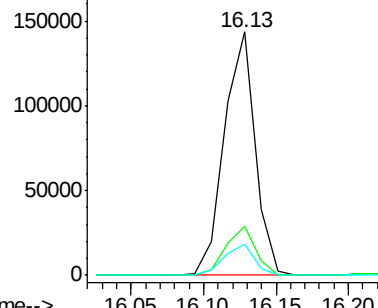
150 12.9 9.4 14.0



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: 40.00 ng

RT: 16.22 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

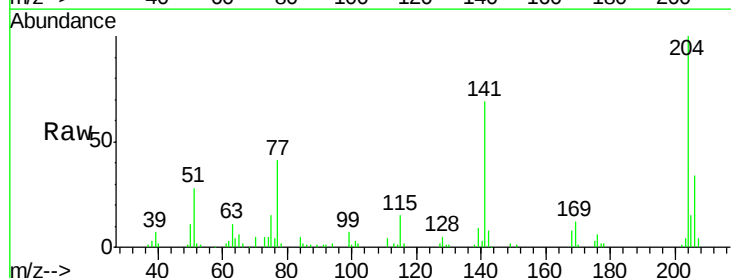
Tgt Ion:204 Resp: 84438

Ion Ratio Lower Upper

204 100

206 33.7 24.2 36.2

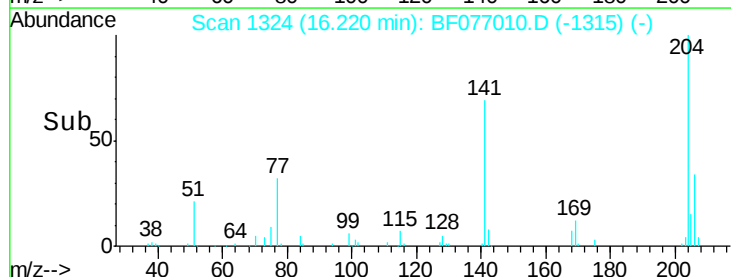
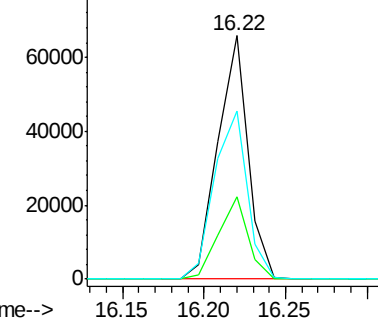
141 69.1 66.7 100.1



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

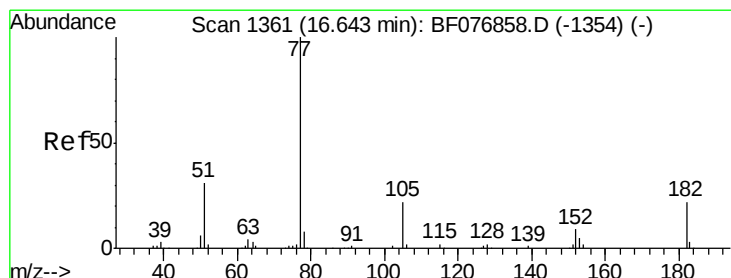
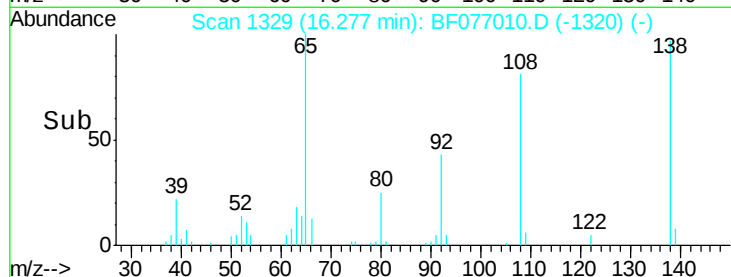
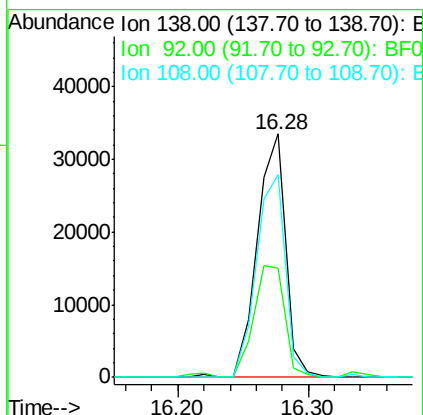
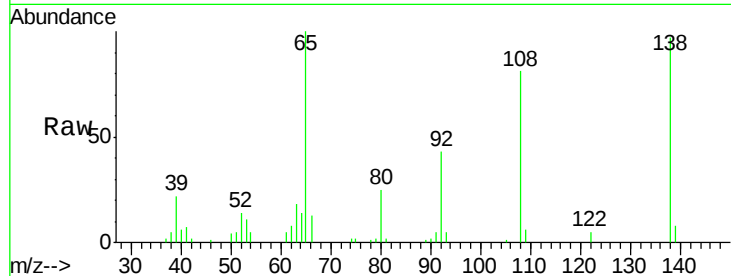




#61
4-Nitroaniline
Concen: 40.16 ng
RT: 16.28 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

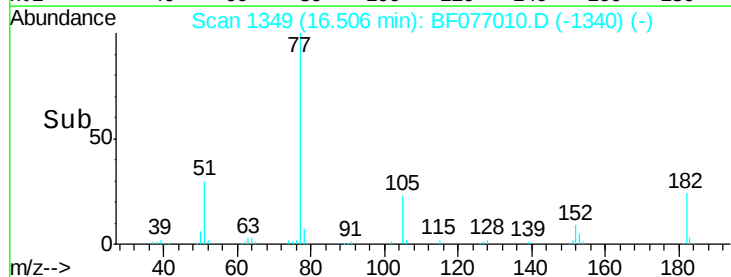
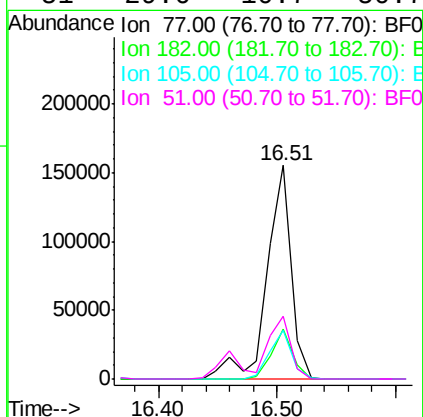
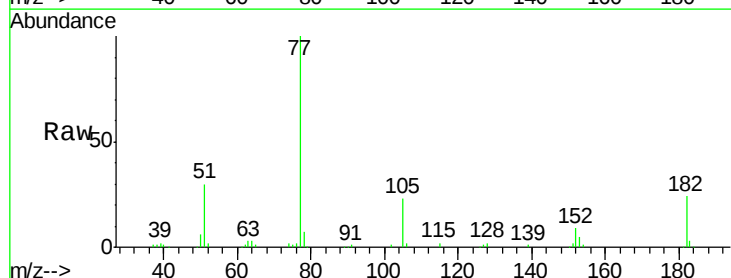
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 51041
Ion Ratio Lower Upper
138 100
92 44.7 26.7 66.7
108 83.4 64.5 104.5



#62
Azobenzene
Concen: 41.56 ng
RT: 16.51 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion: 77 Resp: 222219
Ion Ratio Lower Upper
77 100
182 23.6 2.0 42.0
105 23.0 2.3 42.3
51 29.6 10.7 50.7

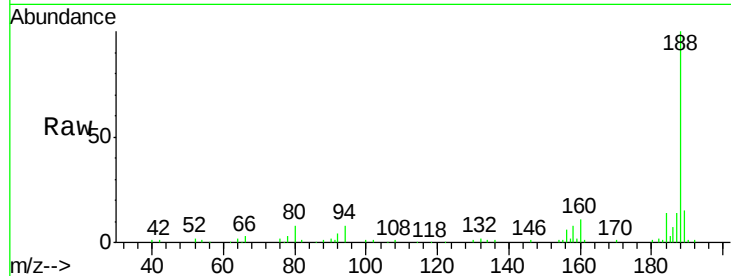




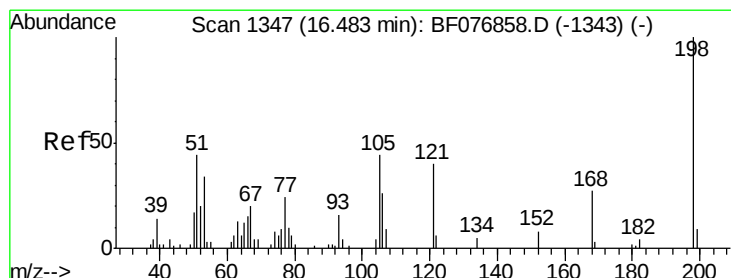
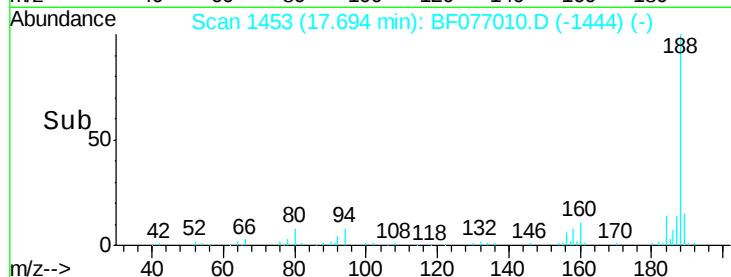
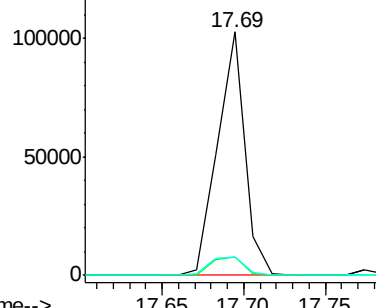
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 119150
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.0 9.0
 80 7.7 6.9 10.3

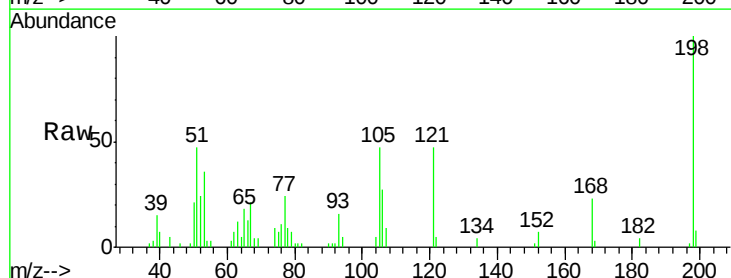


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

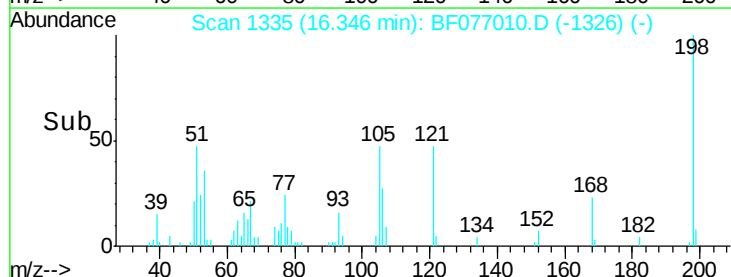
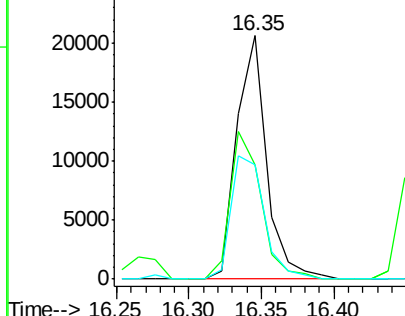


#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.16 ng
 RT: 16.35 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:198 Resp: 29484
 Ion Ratio Lower Upper
 198 100
 51 46.8 24.2 64.2
 105 47.2 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

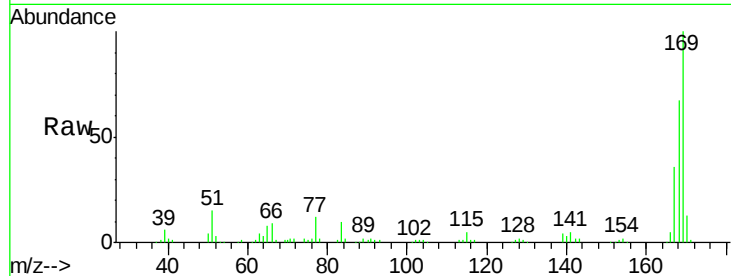




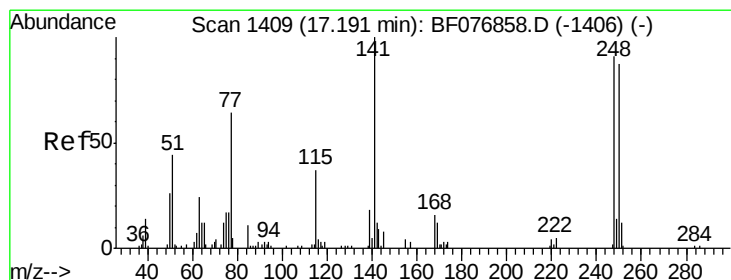
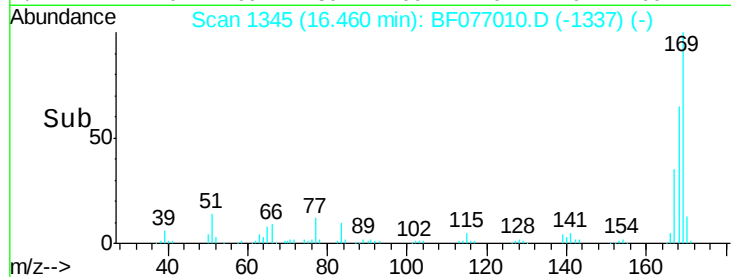
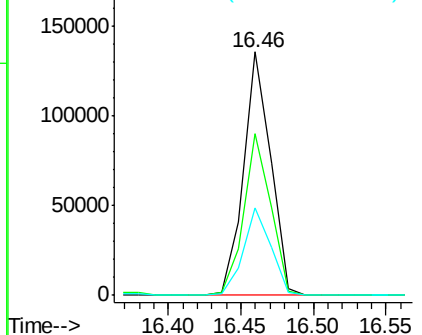
#65
 n-Nitrosodiphenylamine
 Concen: 41.23 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 175165
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.8 80.6
 167 35.8 27.8 41.6

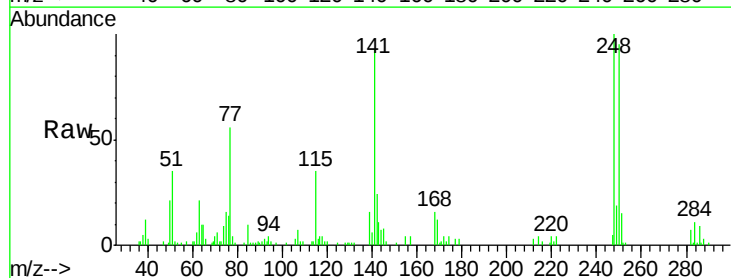


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

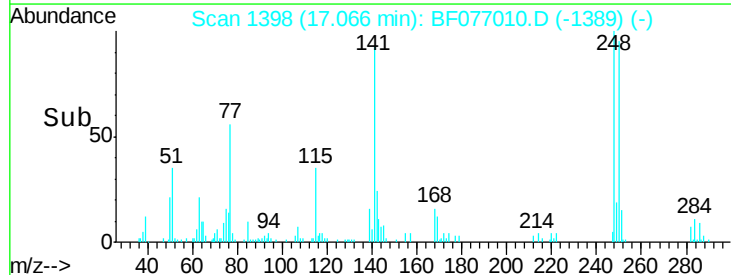
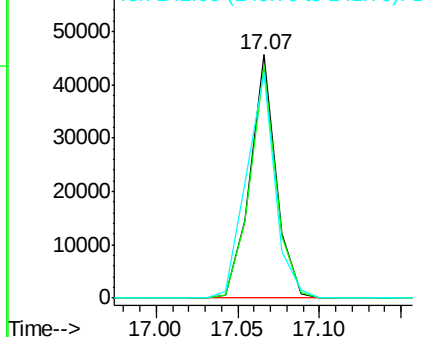


#66
 4-Bromophenyl-phenylether
 Concen: 41.95 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:248 Resp: 50639
 Ion Ratio Lower Upper
 248 100
 250 95.1 77.1 115.7
 141 93.0 88.2 132.4



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

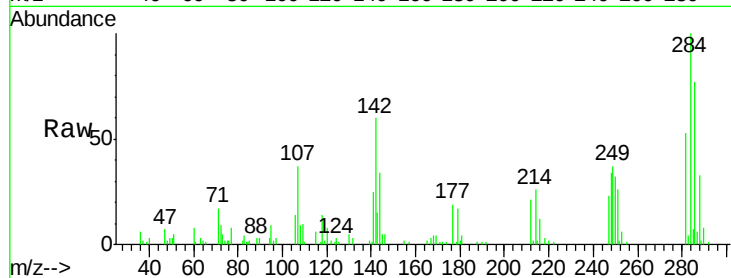




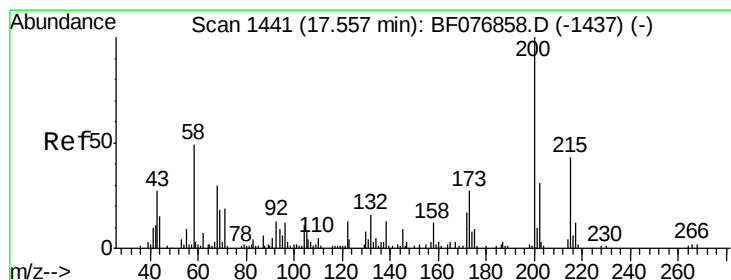
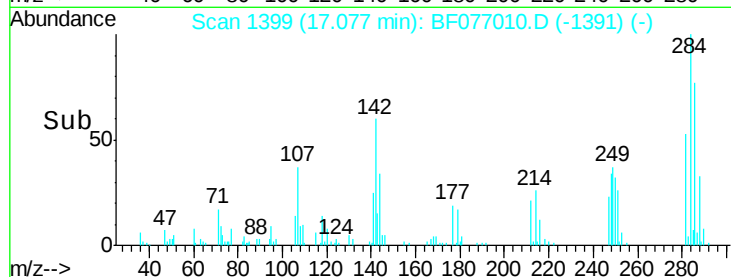
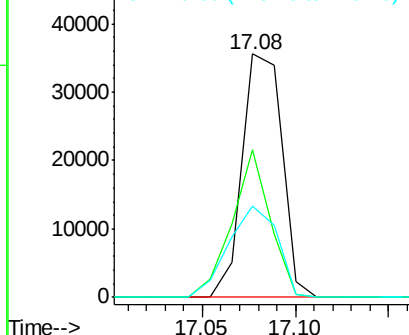
#67
Hexachlorobenzene
Concen: 41.57 ng
RT: 17.08 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 52879
Ion Ratio Lower Upper
284 100
142 60.4 38.2 57.4#
249 37.5 28.2 42.2

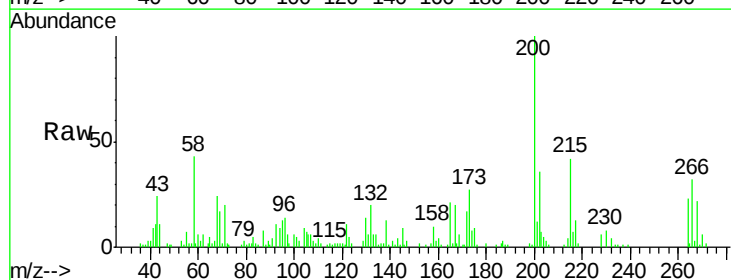


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

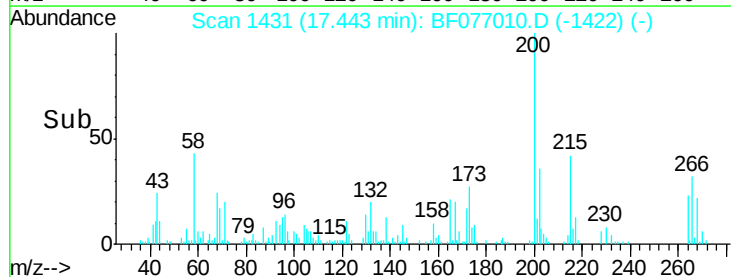
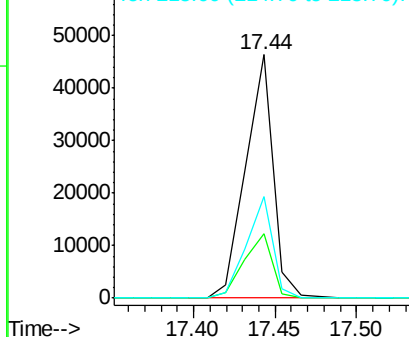


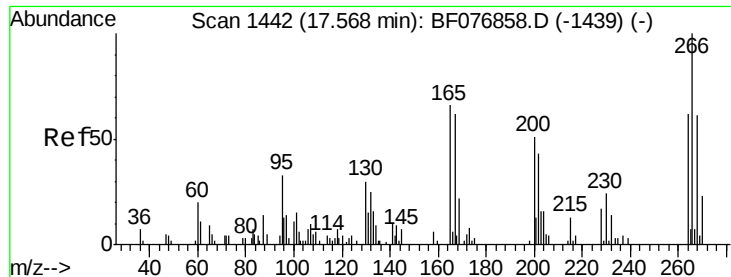
#68
Atrazine
Concen: 42.07 ng
RT: 17.44 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion:200 Resp: 54237
Ion Ratio Lower Upper
200 100
173 26.5 6.6 46.6
215 41.7 22.9 62.9



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

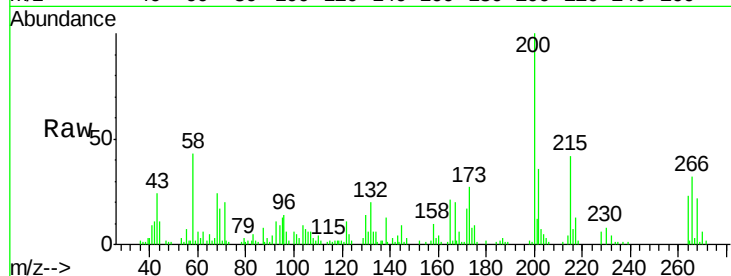




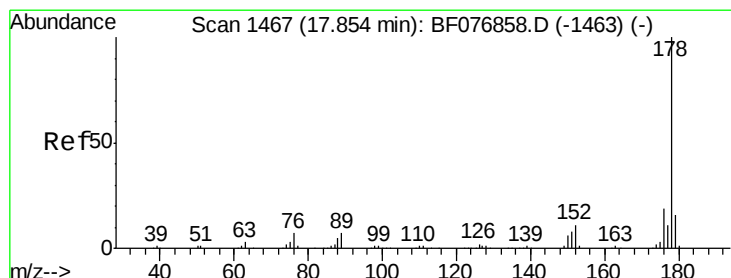
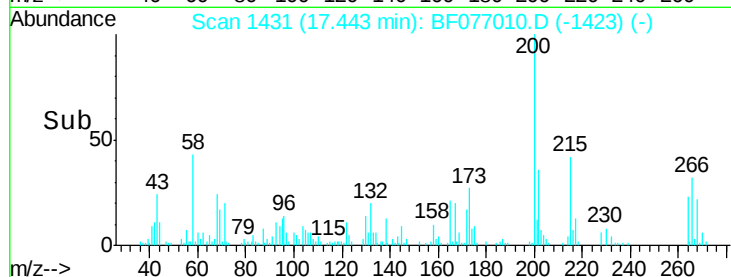
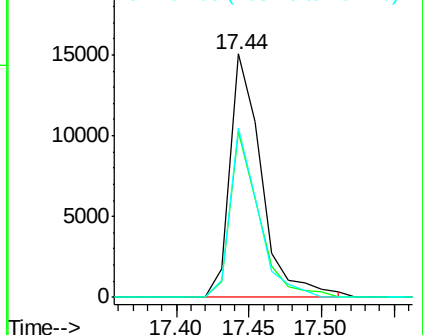
#69
 Pentachlorophenol
 Concen: 42.60 ng
 RT: 17.44 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 22796
 Ion Ratio Lower Upper
 266 100
 268 68.0 48.6 72.8
 264 69.6 49.5 74.3

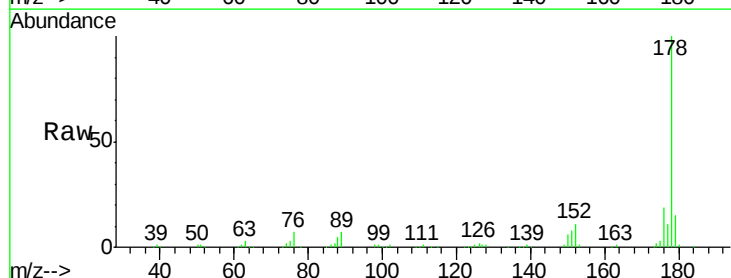


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

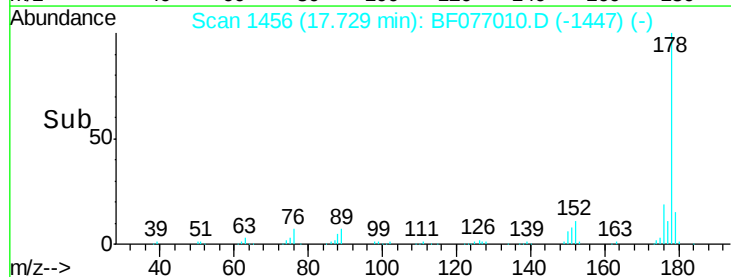
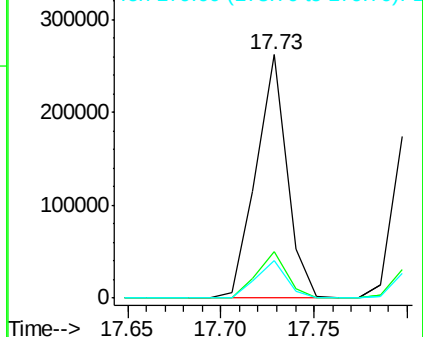


#70
 Phenanthrene
 Concen: 40.34 ng
 RT: 17.73 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:178 Resp: 299767
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 15.3 12.7 19.1



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

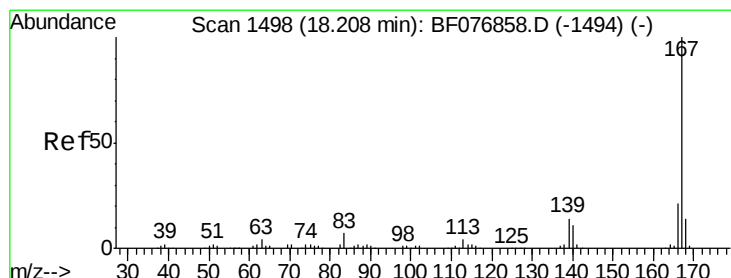
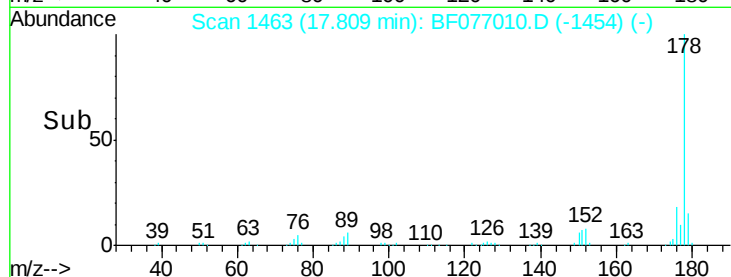
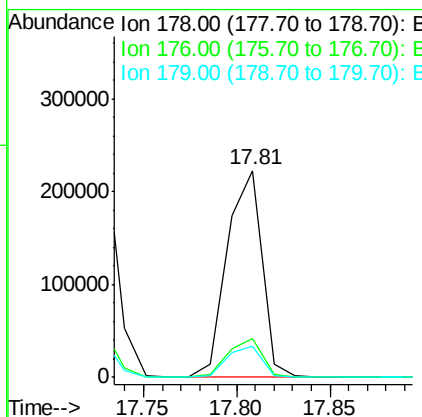
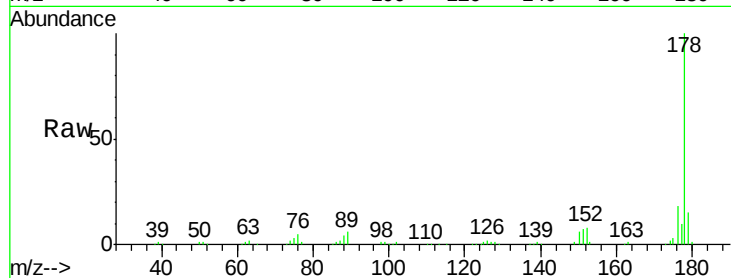




#71
 Anthracene
 Concen: 40.53 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

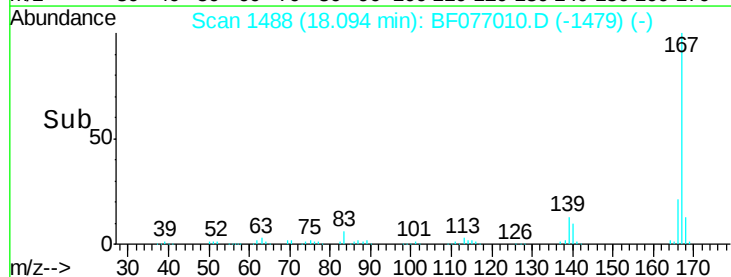
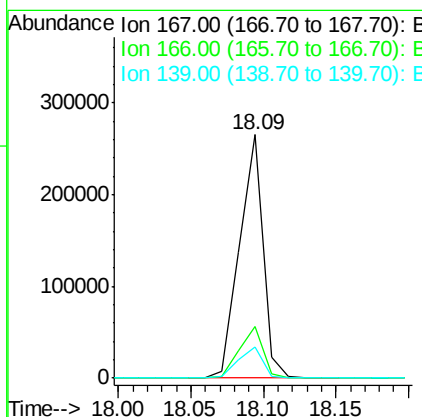
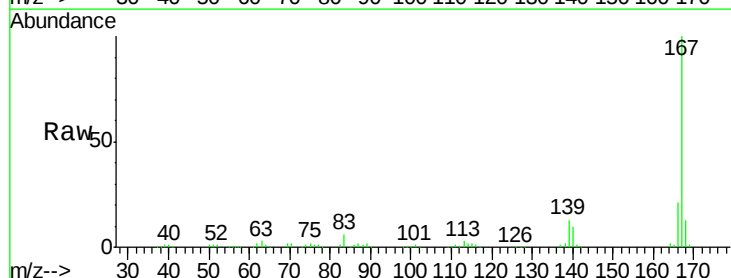
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 293686
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.0 11.9 17.9



#72
 Carbazole
 Concen: 42.40 ng
 RT: 18.09 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:167 Resp: 297994
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.7 11.3 16.9

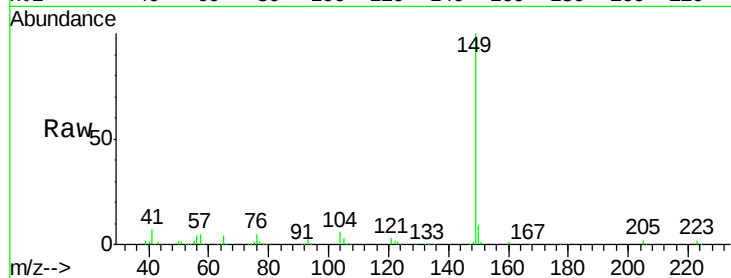




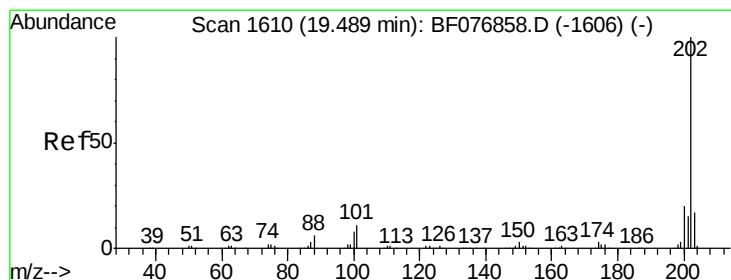
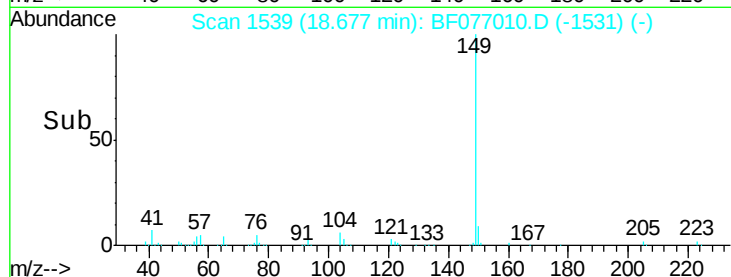
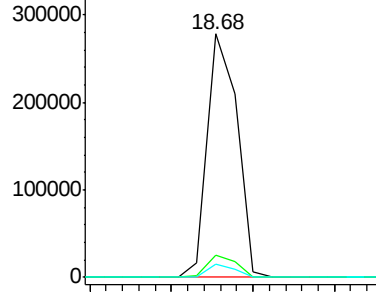
#73
Di-n-butylphthalate
Concen: 43.06 ng
RT: 18.68 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 350265
Ion Ratio Lower Upper
149 100
150 9.1 6.9 10.3
104 5.5 3.7 5.5#

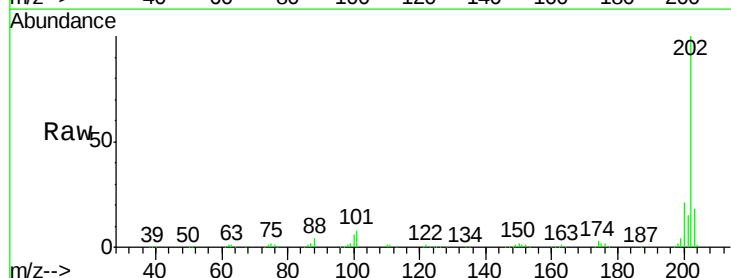


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

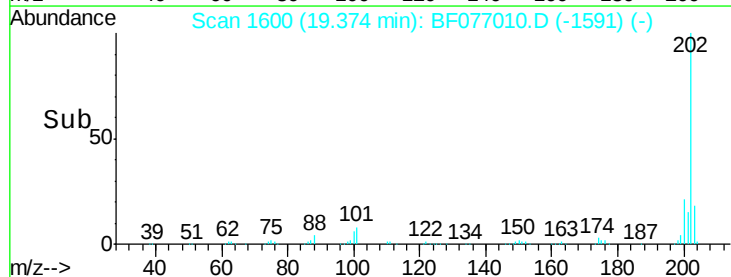
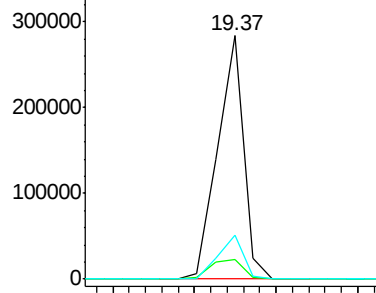


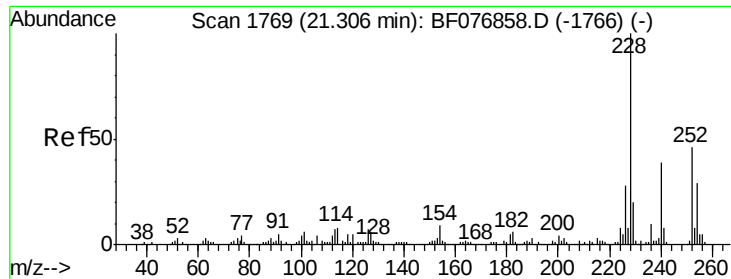
#74
Fluoranthene
Concen: 41.08 ng
RT: 19.37 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion:202 Resp: 312784
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.7
203 17.8 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: 21.19 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

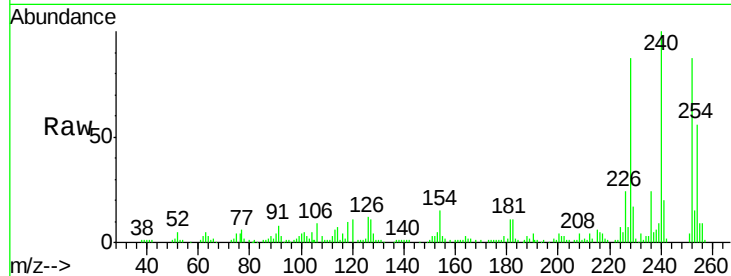
Tot Ion:240 Resp: 115839

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

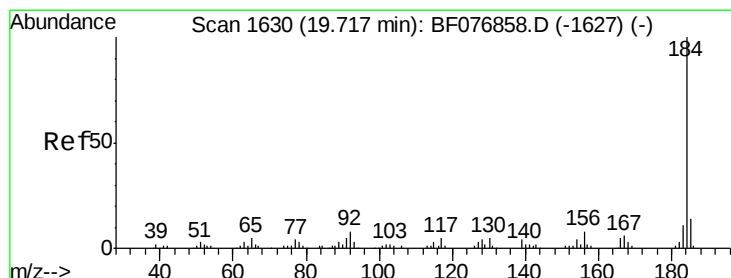
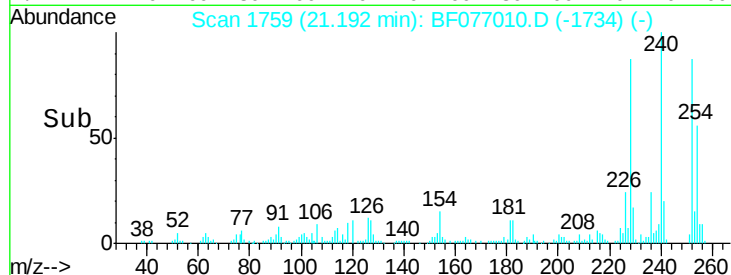
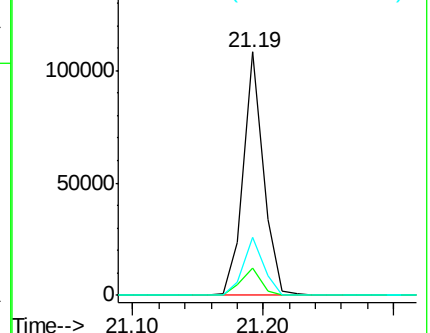
236 24.0 20.2 30.2



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: 44.49 ng

RT: 19.61 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

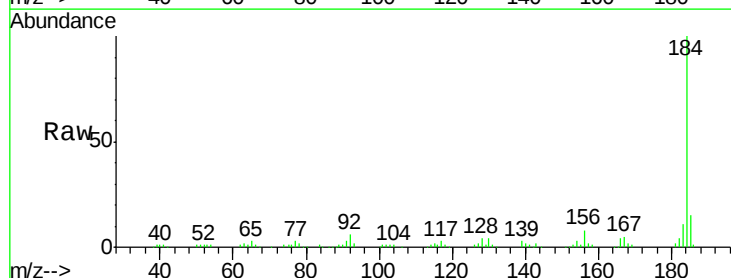
Tgt Ion:184 Resp: 164912

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

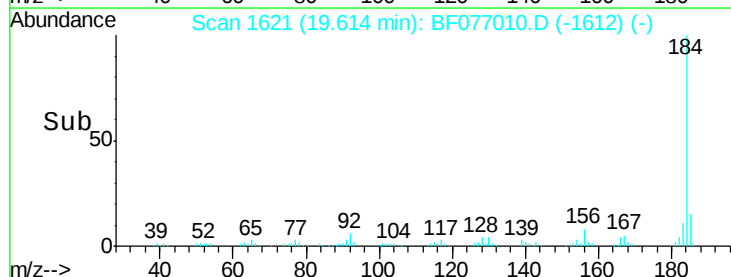
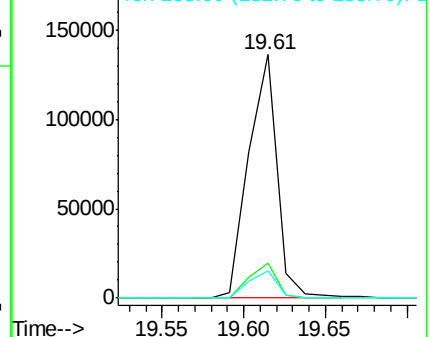
183 11.4 9.0 13.6

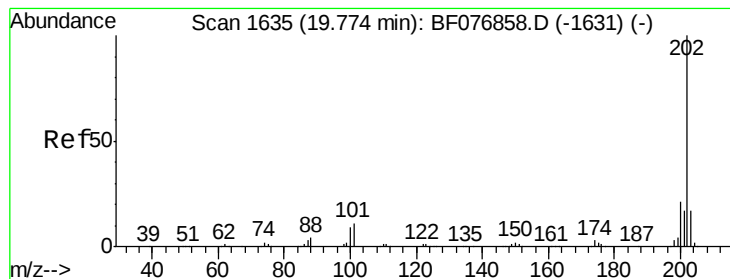


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.88 ng

RT: 19.66 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampleId :

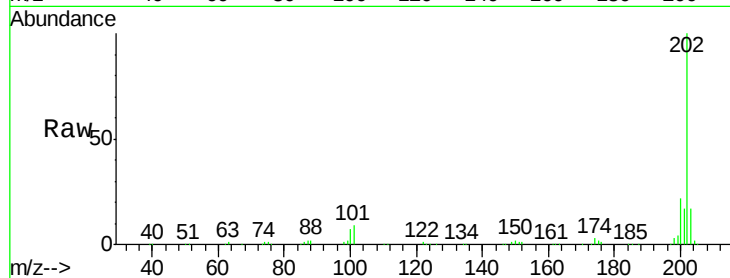
Tot Ion:202 Resp: 316644

Ion Ratio Lower Upper

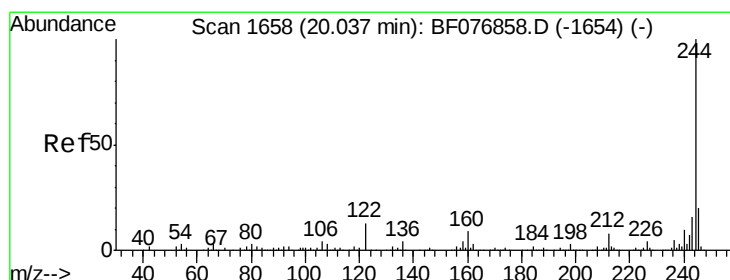
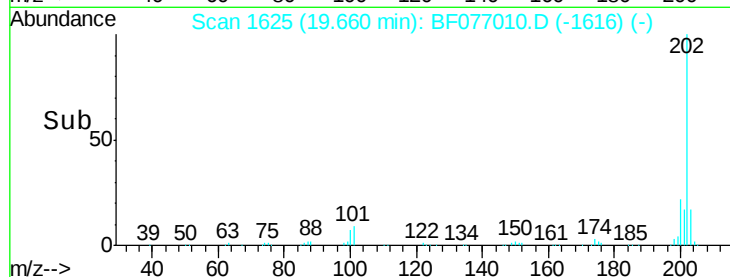
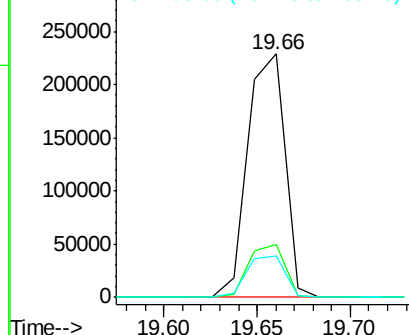
202 100

200 21.6 16.7 25.1

203 16.9 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: 79.24 ng

RT: 19.92 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

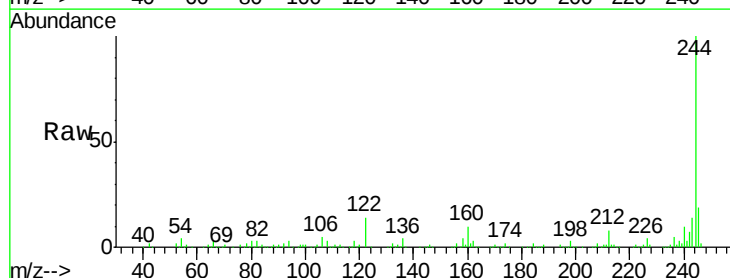
Tgt Ion:244 Resp: 398697

Ion Ratio Lower Upper

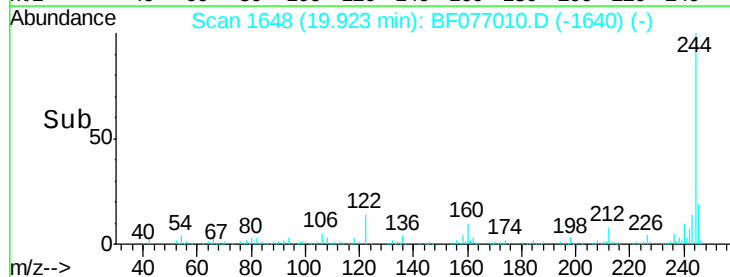
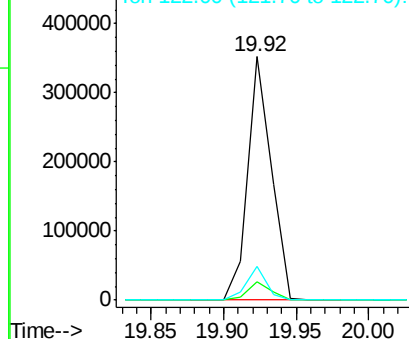
244 100

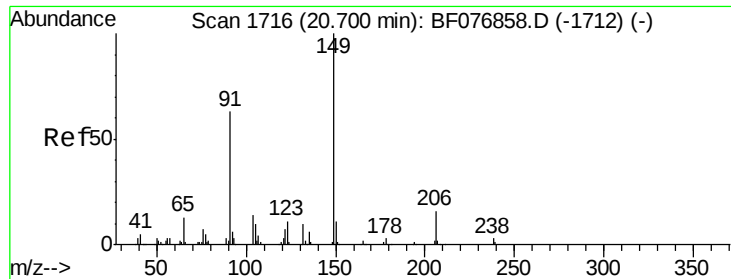
212 7.5 6.3 9.5

122 14.1 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

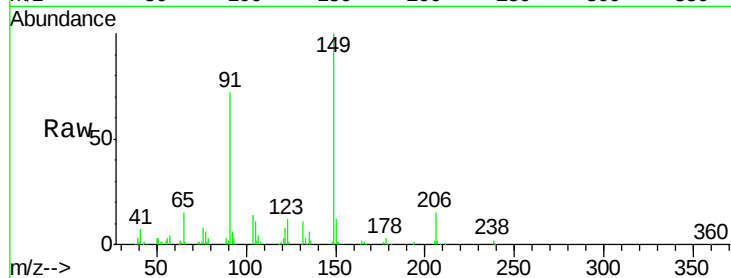




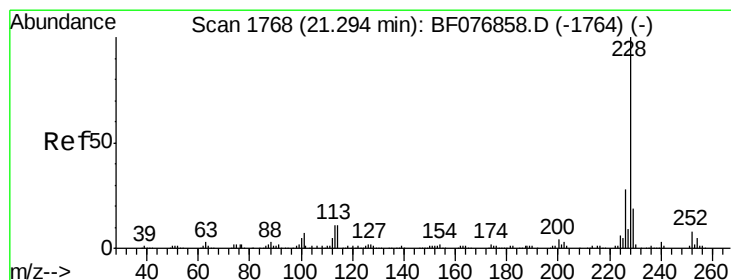
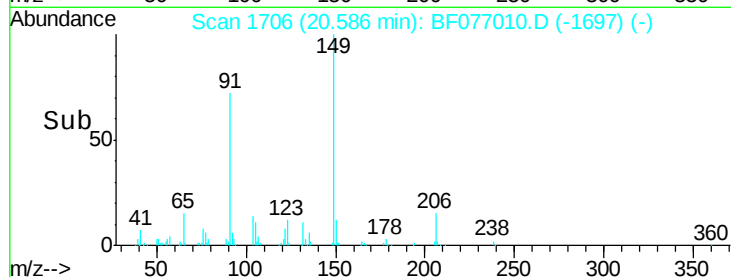
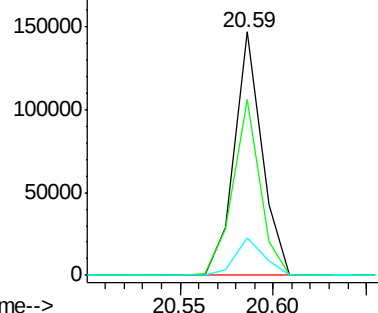
#79
Butylbenzylphthalate
Concen: 41.89 ng
RT: 20.59 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	50.6	76.0
206	15.5	12.8	19.2

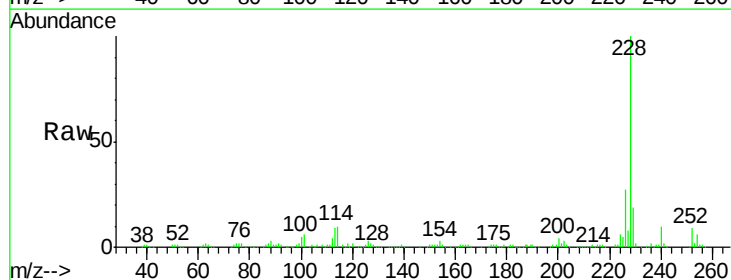


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

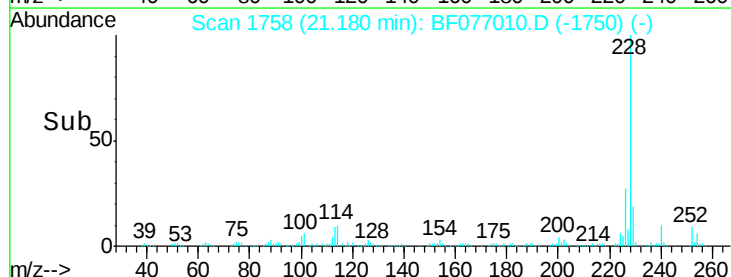
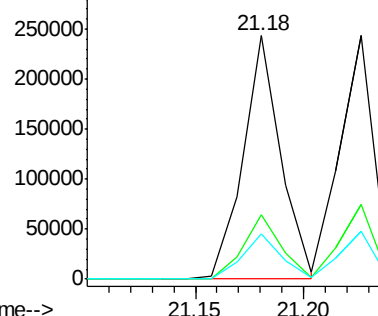


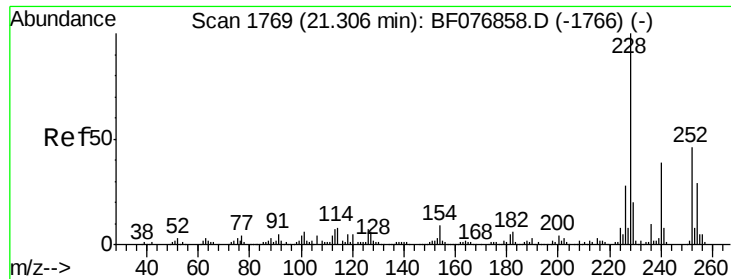
#80
Benzo(a)anthracene
Concen: 40.65 ng
RT: 21.18 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	18.6	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

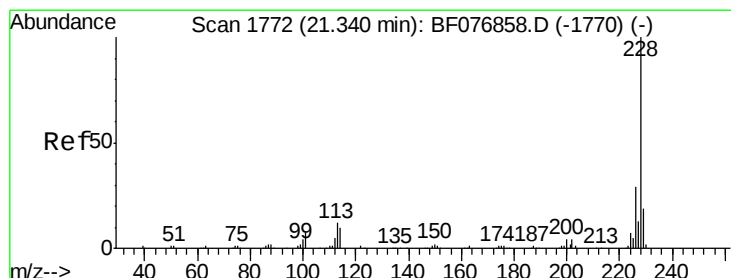
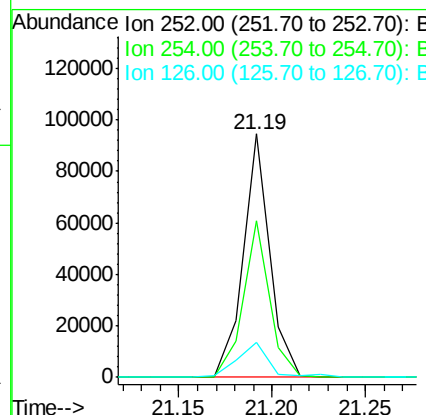
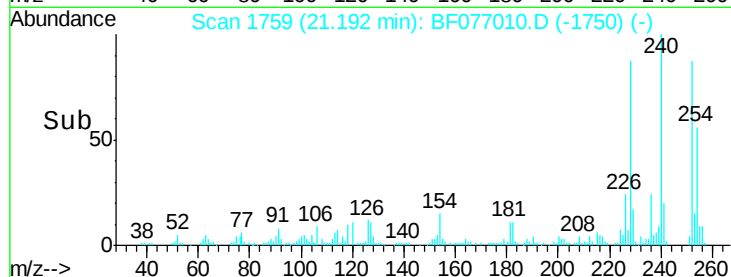
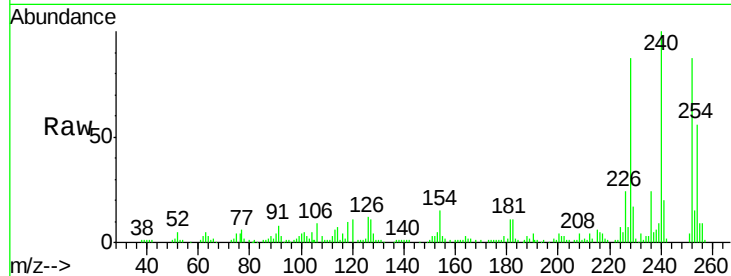




#81
 3,3'-Dichlorobenzidine
 Concen: 40.82 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

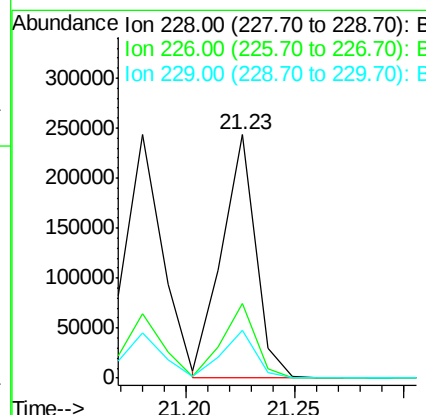
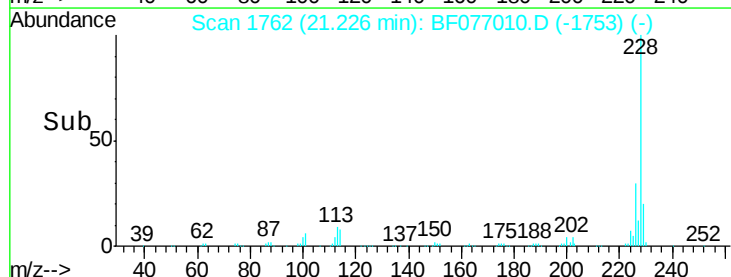
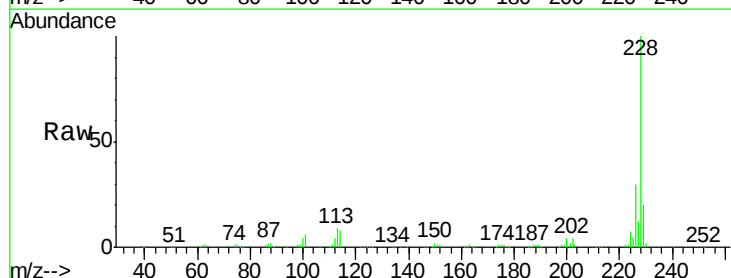
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 94283
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.2 75.4
 126 14.3 11.5 17.3



#82
 Chrysene
 Concen: 39.53 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:228 Resp: 262005
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.4 35.0
 229 19.6 15.4 23.0

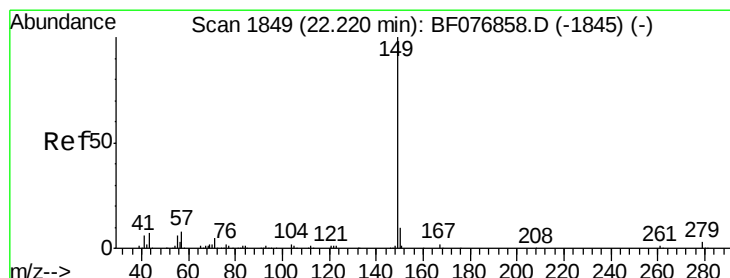
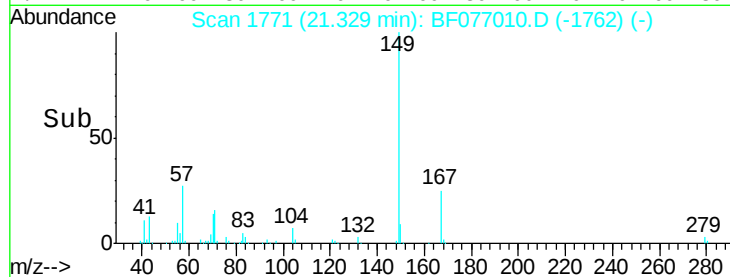
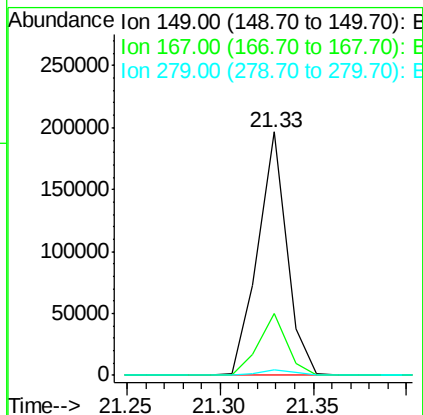
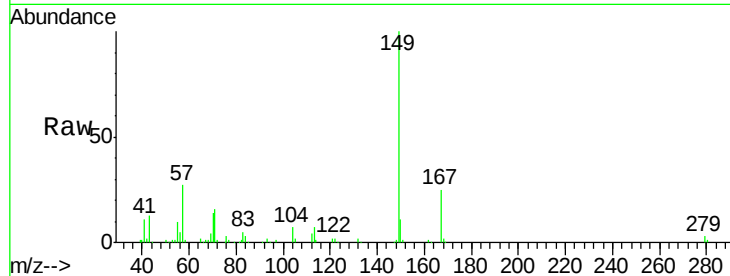




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.70 ng
 RT: 21.33 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

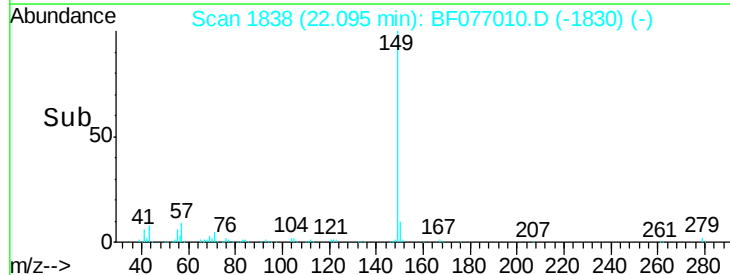
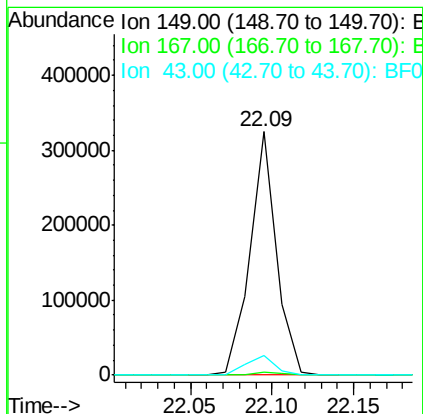
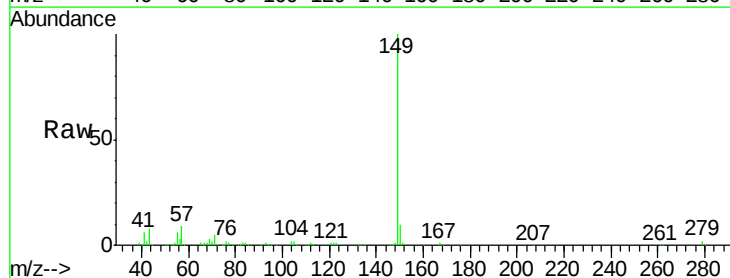
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 212421
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.6 30.8
 279 2.5 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 42.35 ng
 RT: 22.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:149 Resp: 365613
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 8.8 6.6 10.0

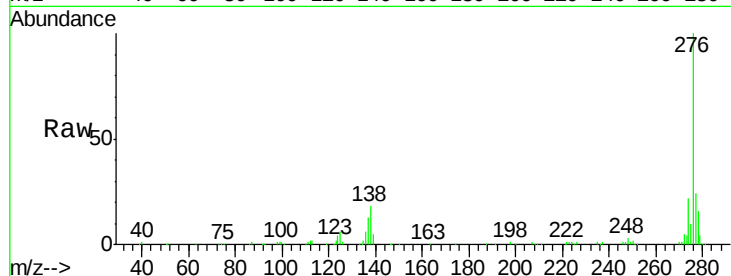




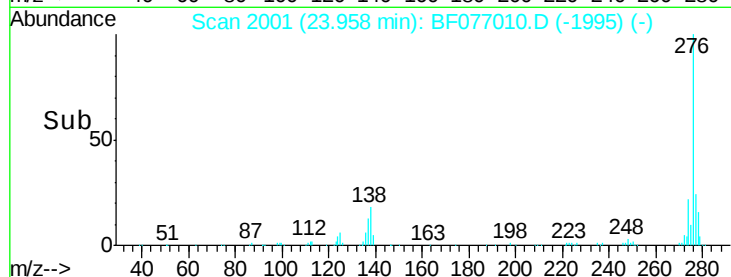
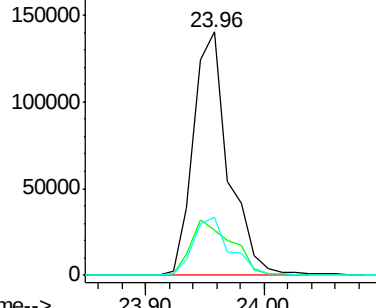
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.03 ng
 RT: 23.96 min Scan# 2001
 Delta R.T. -0.03 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 288221
 Ion Ratio Lower Upper
 276 100
 138 27.0 14.6 22.0#
 277 24.8 14.8 22.2#

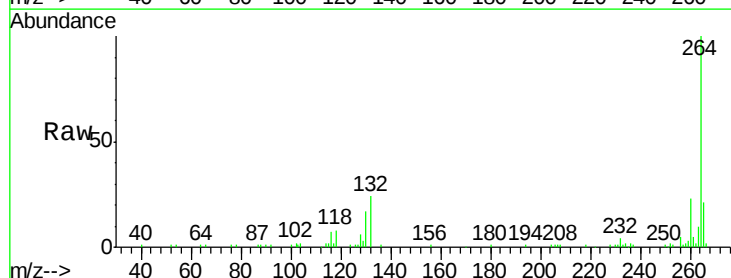


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

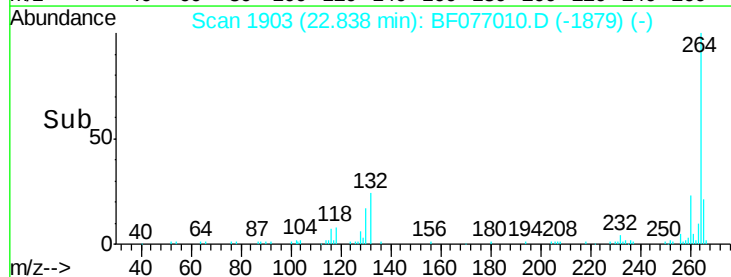
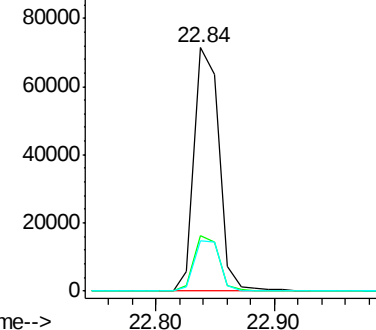


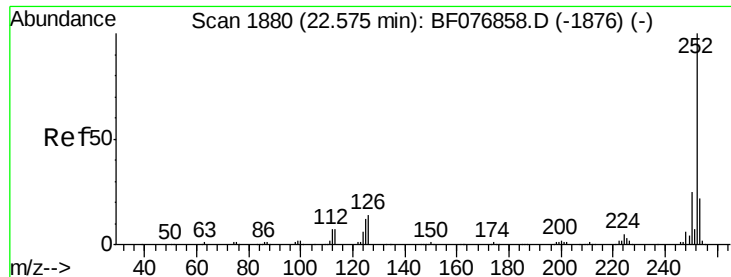
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.84 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Tgt Ion:264 Resp: 103338
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.7 18.1 27.1



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





#87

Benzo(b)fluoranthene

Concen: 41.57 ng

RT: 22.43 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

Instrument :

BNA_F

ClientSampled :

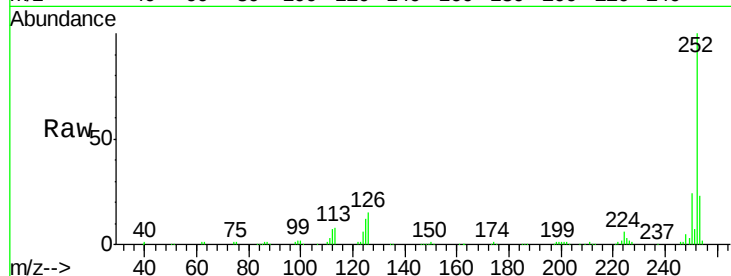
Tot Ion:252 Resp: 289342

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

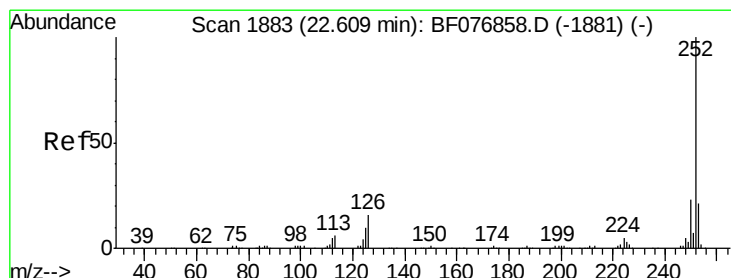
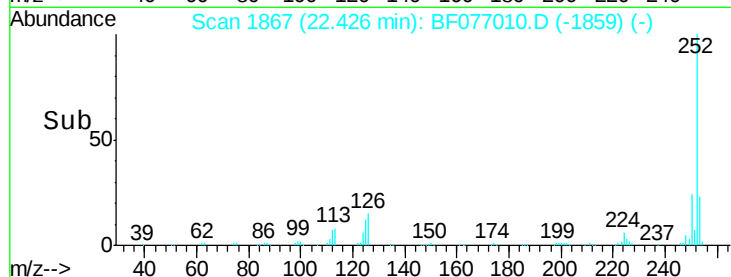
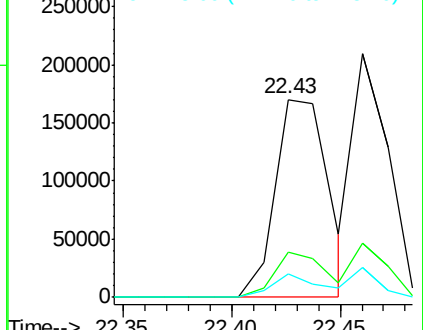
125 11.8 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.58 ng

RT: 22.43 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF077010.D

Acq: 22 Jan 2015 12:38

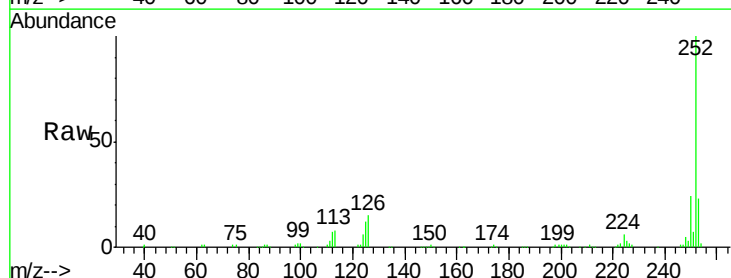
Tgt Ion:252 Resp: 289342

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

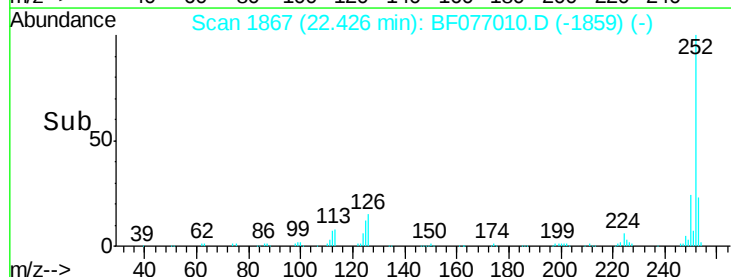
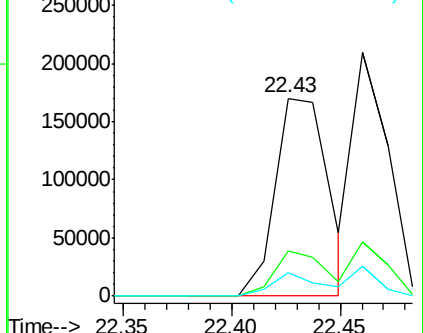
125 11.8 7.1 10.7#

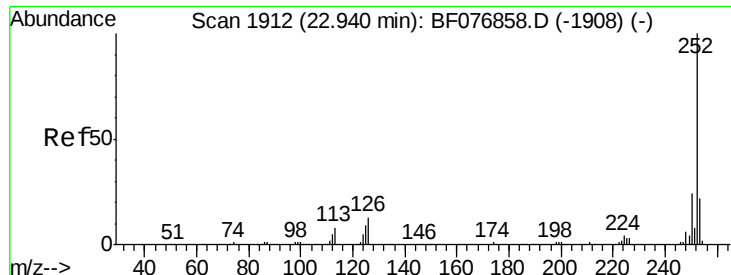


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

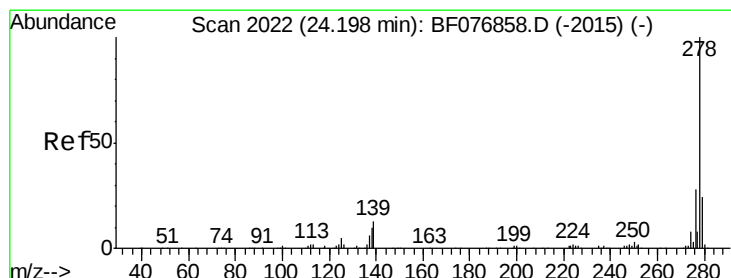
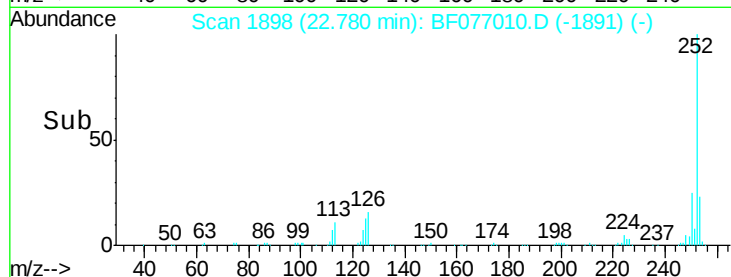
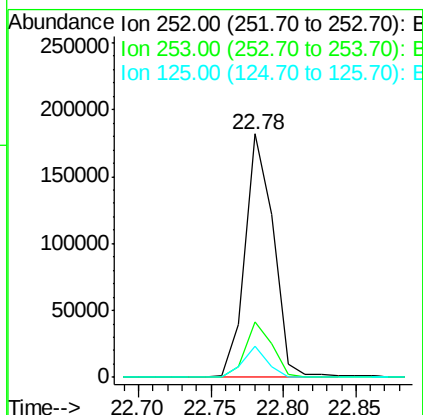
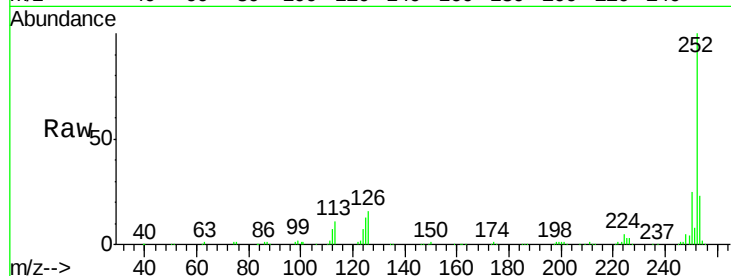




#89
Benzo(a)pyrene
Concen: 40.16 ng
RT: 22.78 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

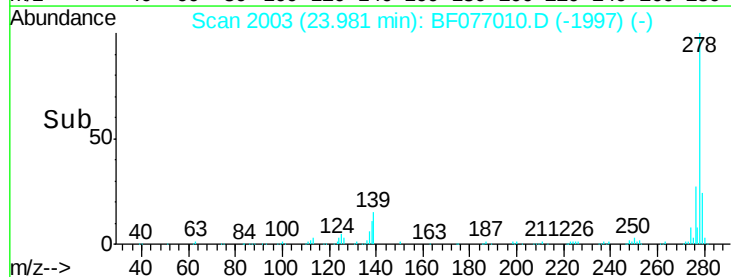
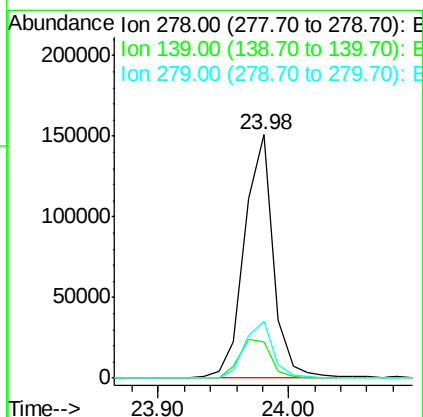
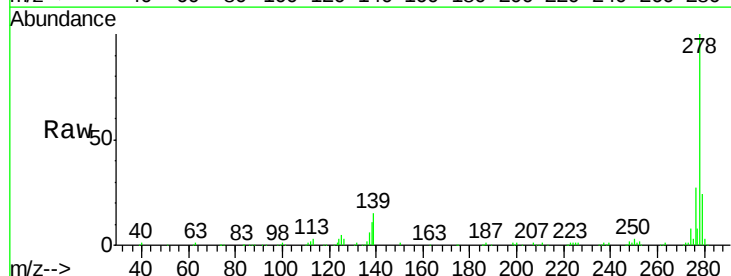
Instrument :
BNA_F
ClientSampleId :

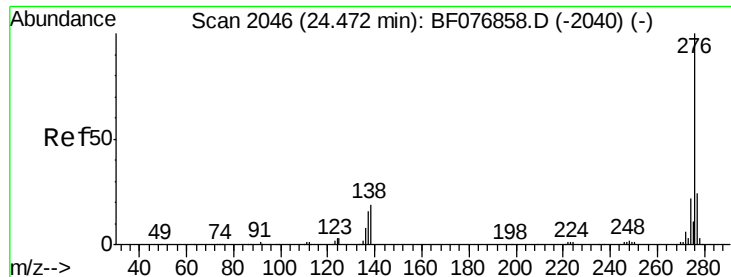
Tot Ion:252 Resp: 246549
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 13.0 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 41.49 ng
RT: 23.98 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF077010.D
Acq: 22 Jan 2015 12:38

Tgt Ion:278 Resp: 233736
Ion Ratio Lower Upper
278 100
139 15.1 10.5 15.7
279 23.5 19.3 28.9

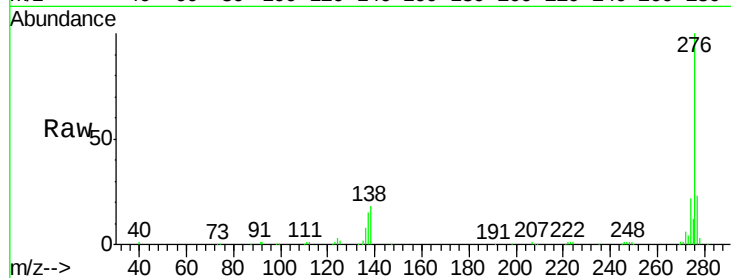




#91
 Benzo(a,h,i)perylene
 Concen: 42.07 ng
 RT: 24.24 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF077010.D
 Acq: 22 Jan 2015 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	235603
Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	17.6	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

