

Data Path : Z:\HPCHEM1\BNA F\Data\BF013015\
 Data File : BF077152.D
 Acq On : 30 Jan 2015 18:07
 Operator : TP/IZ
 Sample : G1189-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 02:31:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 31 02:15:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25771	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	113695	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	62724	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	109444	20.00	ng	-0.01
75) Chrysene-d12	21.08	240	108601	20.00	ng	0.00
86) Perylene-d12	22.80	264	97641	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.70	112	123977	79.10	ng	0.00
7) Phenol-d6	7.09	99	170003	85.98	ng	0.00
23) Nitrobenzene-d5	8.99	82	110775	53.98	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	38469	75.56	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	234641	56.93	ng	0.01
78) Terphenyl-d14	19.81	244	253255	53.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.10	88	14587	21.73	ng	# 88
4) n-Nitrosodimethylamine	1.52	42	21250	24.70	ng	98
8) 2-Chlorophenol	7.22	128	46657	25.82	ng	94
9) Benzaldehyde	6.70	77	6490	4.48	ng	87
10) Phenol	7.13	94	55044	26.22	ng	96
11) bis(2-Chloroethyl)ether	7.23	93	46912	28.55	ng	# 79
12) 1,3-Dichlorobenzene	7.53	146	53037	25.80	ng	93
13) 1,4-Dichlorobenzene	7.72	146	55425	25.42	ng	99
14) 1,2-Dichlorobenzene	8.03	146	52538	26.16	ng	95
15) Benzyl Alcohol	8.13	79	42064	26.29	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	61110	27.67	ng	78
17) 2-Methylphenol	8.49	107	36486	24.71	ng	97
18) Hexachloroethane	8.78	117	20665	27.25	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	36757	26.56	ng	99
20) 3+4-Methylphenols	8.88	107	45874	23.46	ng	96
22) Acetophenone	8.68	105	74726	26.83	ng	95
24) Nitrobenzene	9.04	77	54613	26.12	ng	96
25) Isophorone	9.63	82	97765	26.16	ng	98
26) 2-Nitrophenol	9.78	139	20214	19.95	ng	# 86
27) 2,4-Dimethylphenol	10.06	122	32598	20.16	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	60391	28.43	ng	94
29) 2,4-Dichlorophenol	10.38	162	33563	22.27	ng	94
30) 1,2,4-Trichlorobenzene	10.51	180	44983	26.88	ng	98
31) Naphthalene	10.64	128	149080	25.47	ng	99
33) 4-Chloroaniline	10.90	127	19049	8.05	ng	97
34) Hexachlorobutadiene	11.01	225	25744	25.93	ng	97
35) Caprolactam	11.72	113	1274	2.87	ng	# 58
36) 4-Chloro-3-methylphenol	12.20	107	42319	24.53	ng	98
37) 2-Methylnaphthalene	12.29	142	104892	26.24	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	42905	27.67	ng	96
40) Hexachlorocyclopentadiene	12.68	237	37629	47.07	ng	98
42) 2,4,6-Trichlorophenol	13.05	196	24168	21.39	ng	94
43) 2,4,5-Trichlorophenol	13.15	196	20090	17.43	ng	# 92
45) 1,1'-Biphenyl	13.45	154	128146	27.56	ng	96

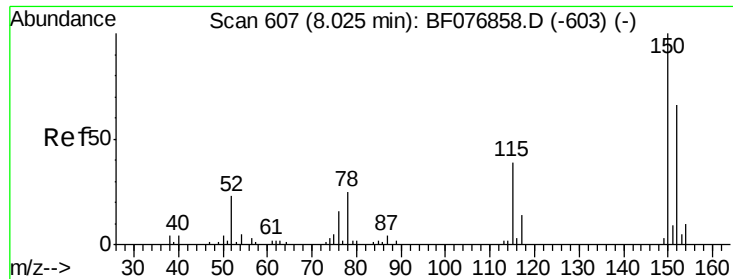
Data Path : Z:\HPCHEM1\BNA F\Data\BF013015\
 Data File : BF077152.D
 Acq On : 30 Jan 2015 18:07
 Operator : TP/IZ
 Sample : G1189-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 02:31:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 31 02:15:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.43	162	100783	26.34	nq	97
47) 2-Nitroaniline	13.77	65	30078	25.91	nq	95
48) Acenaphthylene	14.36	152	164029	25.41	nq	99
49) Dimethylphthalate	14.33	163	138535	31.14	nq	99
50) 2,6-Dinitrotoluene	14.42	165	25367	28.54	nq	90
51) Acenaphthene	14.79	154	94042	25.68	nq	95
52) 3-Nitroaniline	14.76	138	23700	21.46	nq	82
54) Dibenzofuran	15.22	168	143882	26.97	nq	98
55) 4-Nitrophenol	15.40	139	16334	23.43	nq	88
56) 2,4-Dinitrotoluene	15.36	165	34495	26.86	nq	92
57) Fluorene	15.97	166	118731	26.27	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.59	232	15394	18.35	nq	# 86
59) Diethylphthalate	15.99	149	129414	28.79	nq	98
60) 4-Chlorophenyl-phenylether	16.08	204	50799	27.47	nq	89
61) 4-Nitroaniline	16.12	138	24438	22.59	nq	83
62) Azobenzene	16.36	77	142842	30.50	nq	99
64) 4,6-Dinitro-2-methylphenol	16.21	198	6184	11.49	nq	89
65) n-Nitrosodiphenylamine	16.33	169	94222	24.14	nq	98
66) 4-Bromophenyl-phenylether	16.93	248	29876	26.94	nq	97
67) Hexachlorobenzene	16.96	284	29451	25.20	nq	# 90
68) Atrazine	17.32	200	34072	28.77	nq	94
69) Pentachlorophenol	17.33	266	10940	25.56	nq	90
70) Phenanthrene	17.61	178	174924	25.63	nq	97
71) Anthracene	17.68	178	169509	25.47	nq	98
72) Carbazole	17.97	167	167968	26.02	nq	99
73) Di-n-butylphthalate	18.58	149	216747	29.01	nq	99
74) Fluoranthene	19.25	202	184189	26.34	nq	99
77) Pvrene	19.54	202	190243	25.56	nq	98
79) Butylbenzylphthalate	20.48	149	98628	29.26	nq	# 79
80) Benzo(a)anthracene	21.07	228	181563	26.65	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	33821	15.62	nq	97
82) Chrysene	21.07	228	181563	29.22	nq	96
83) Bis(2-ethylhexyl)phthalate	21.23	149	152011	32.59	nq	97
84) Di-n-octyl phthalate	22.02	149	246290	30.43	nq	99
91) Benzo(a,h,i)perylene	24.00	276	152009	28.73	nq	99

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

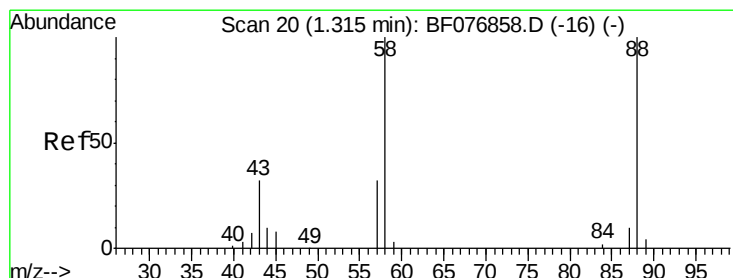
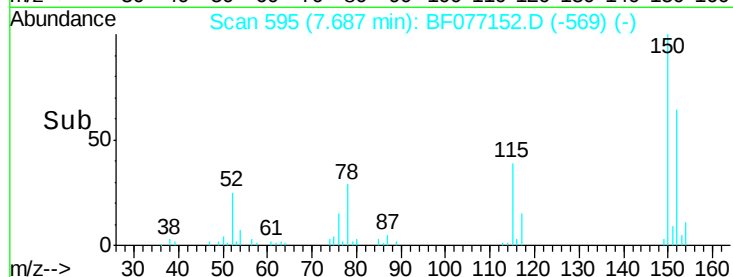
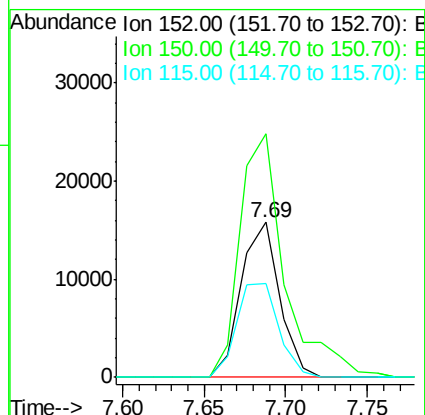
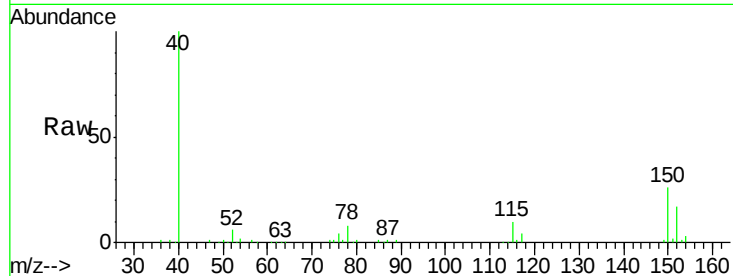


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

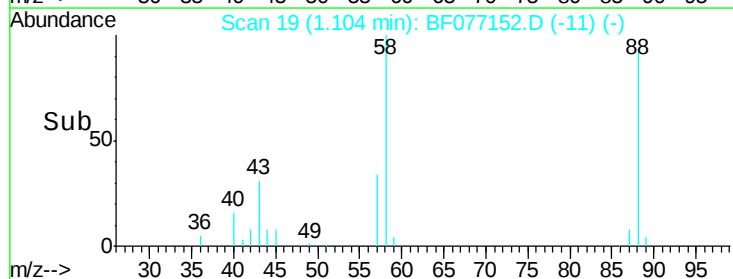
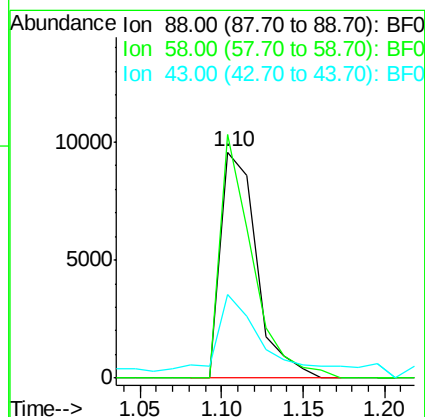
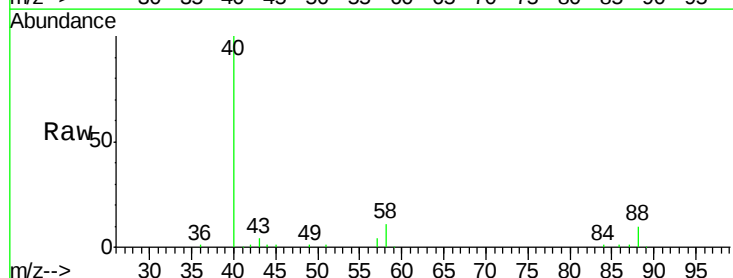
Tot Ion:152 Resp: 25771
Ion Ratio Lower Upper
152 100
150 157.3 121.7 182.5
115 60.7 47.0 70.6

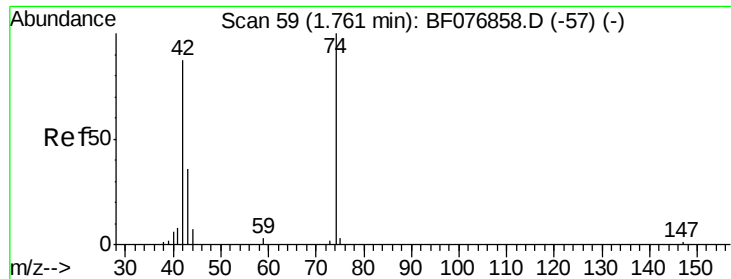


#2

1,4-Dioxane
Concen: 21.73 ng
RT: 1.10 min Scan# 19
Delta R.T. -0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion: 88 Resp: 14587
Ion Ratio Lower Upper
88 100
58 96.4 77.0 115.4
43 57.6 25.6 38.4#



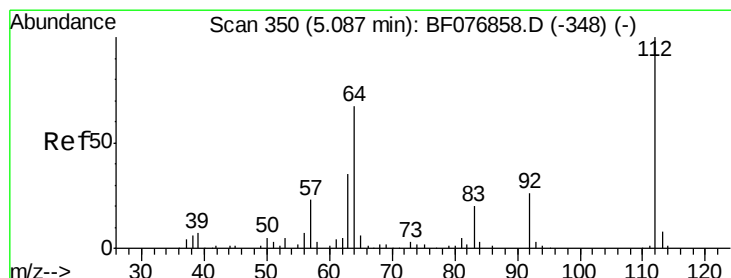
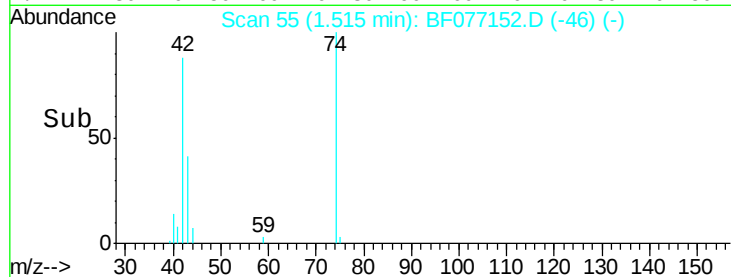
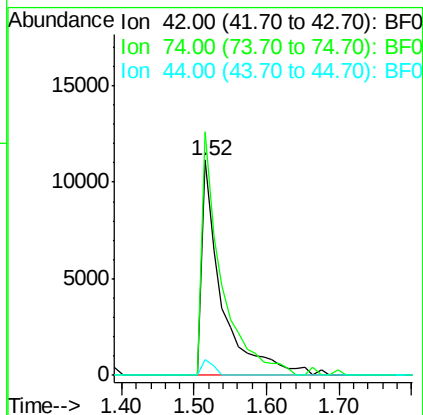
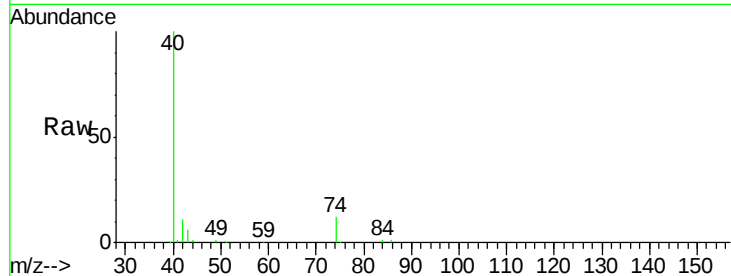


#4

n-Nitrosodimethylamine
 Concen: 24.70 ng
 RT: 1.52 min Scan# 55
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :

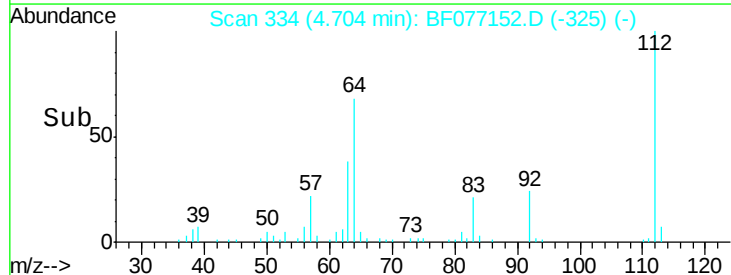
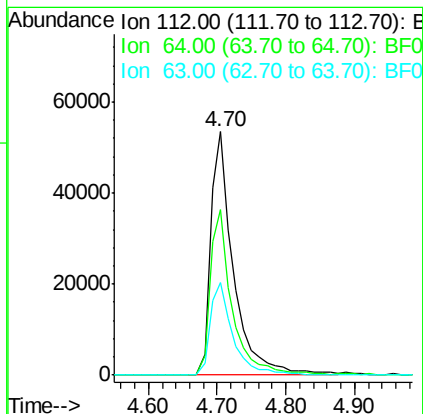
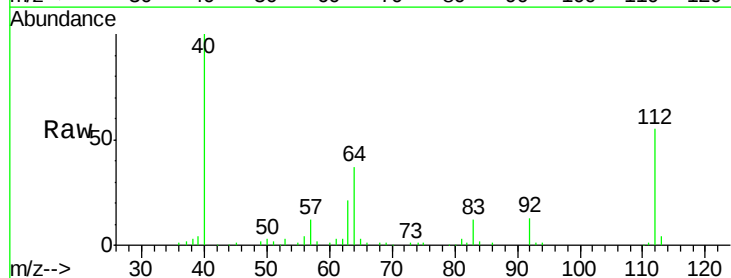
Tot Ion: 42 Resp: 21250
 Ion Ratio Lower Upper
 42 100
 74 113.2 92.4 138.6
 44 7.6 6.2 9.2

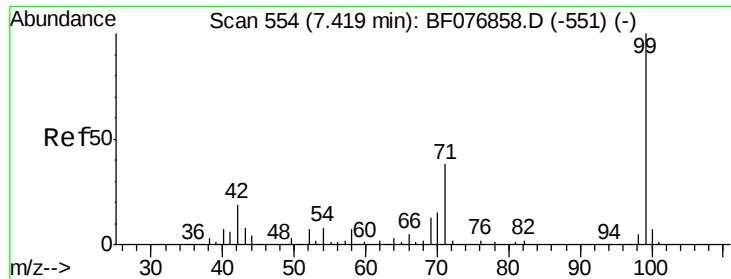


#5

2-Fluorophenol
 Concen: 79.10 ng
 RT: 4.70 min Scan# 334
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion: 112 Resp: 123977
 Ion Ratio Lower Upper
 112 100
 64 67.8 54.2 81.4
 63 37.9 28.4 42.6





#7

Phenol-d6

Concen: 85.98 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampled :

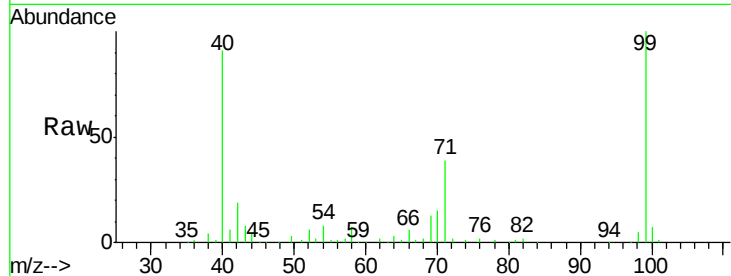
Tot Ion: 99 Resp: 170003

Ion Ratio Lower Upper

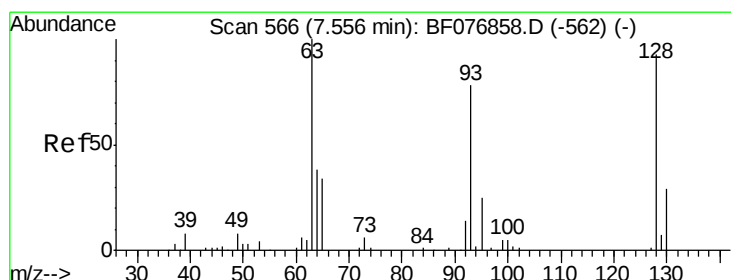
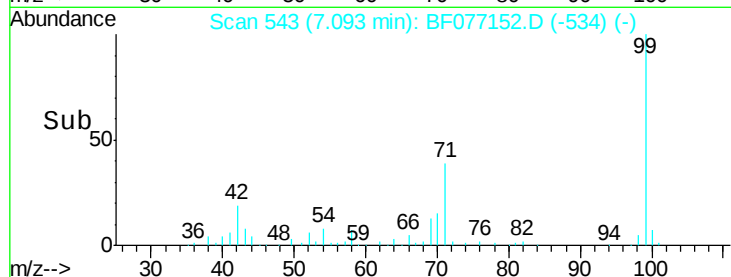
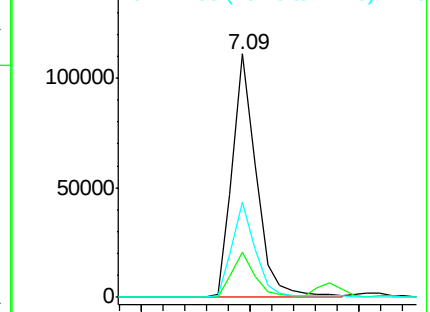
99 100

42 18.5 15.0 22.4

71 39.1 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: 25.82 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

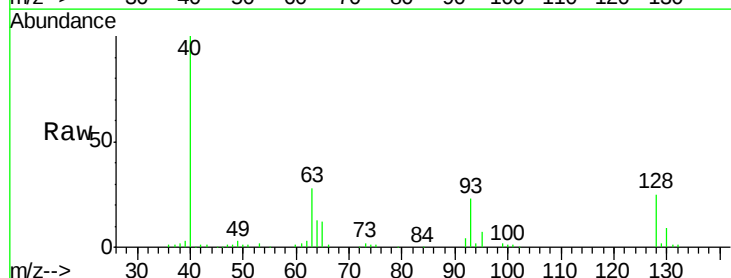
Tgt Ion: 128 Resp: 46657

Ion Ratio Lower Upper

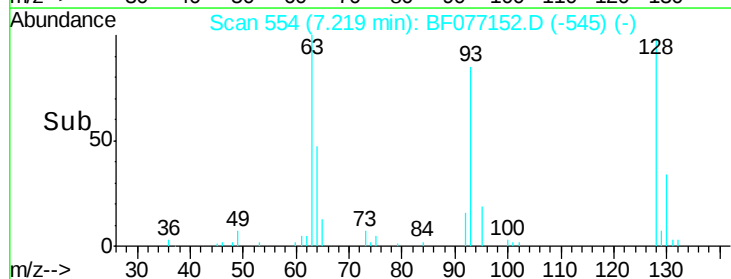
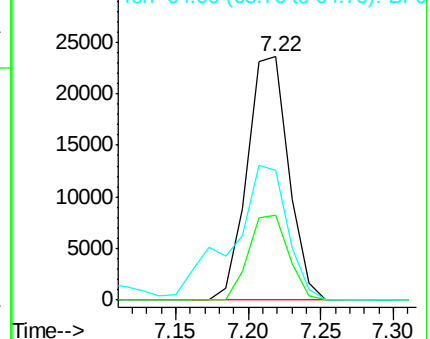
128 100

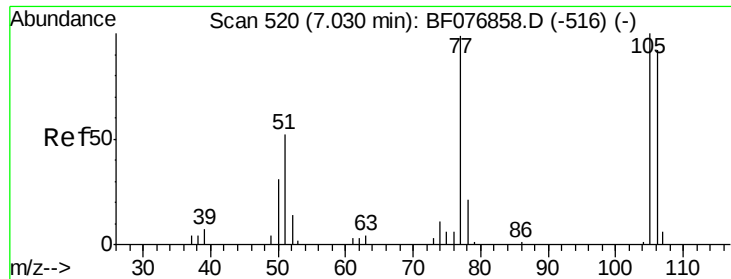
130 34.9 11.0 51.0

64 53.0 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

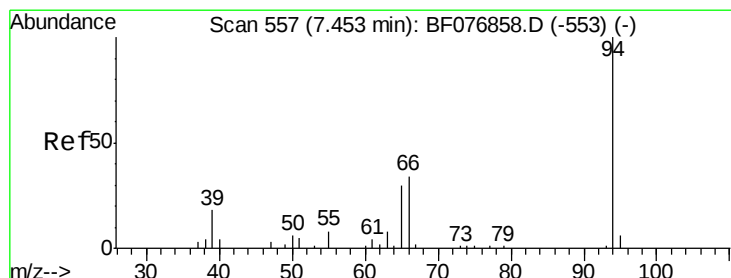
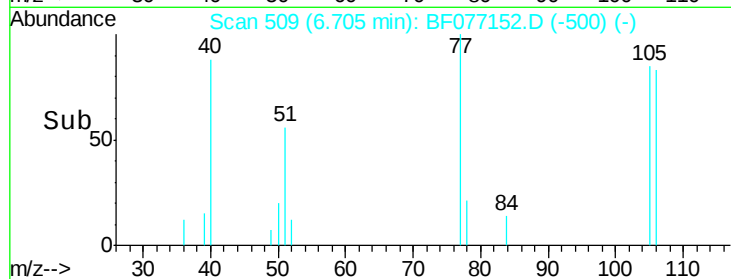
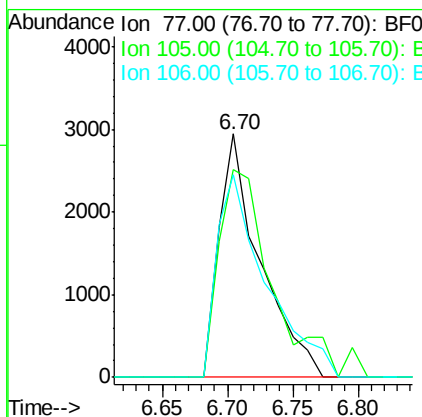
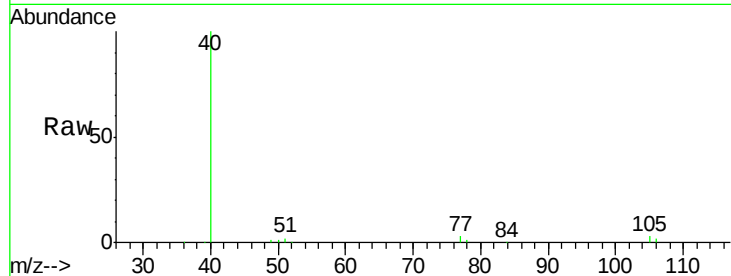




#9
Benzaldehyde
Concen: 4.48 ng
RT: 6.70 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

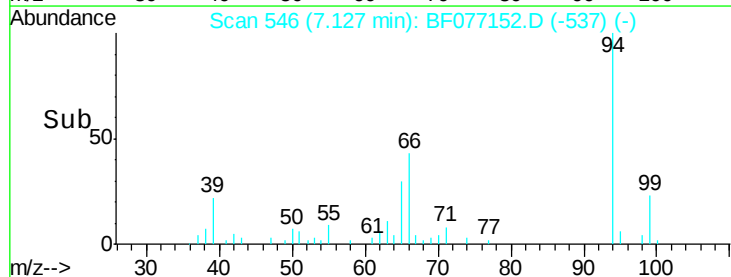
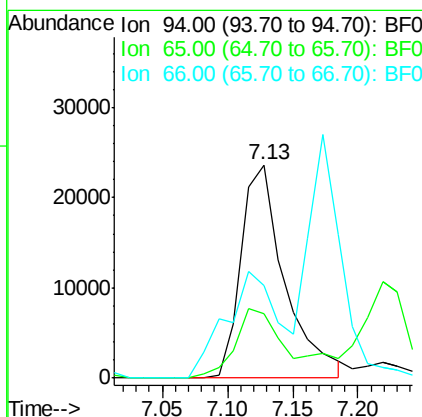
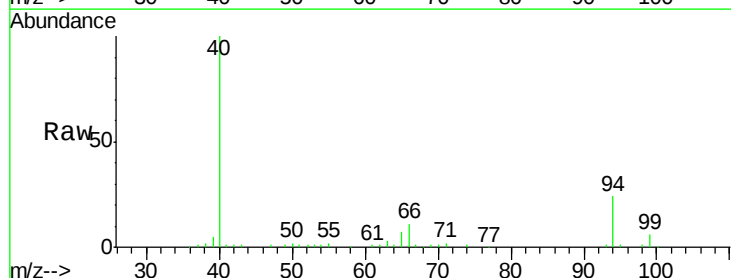
Instrument :
BNA_F
ClientSampled :

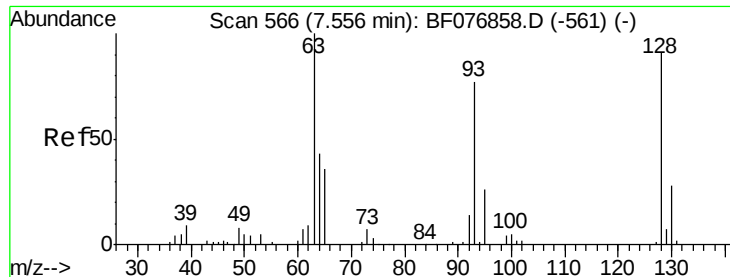
Tot Ion: 77 Resp: 6490
Ion Ratio Lower Upper
77 100
105 85.3 81.4 121.4
106 83.1 72.8 112.8



#10
Phenol
Concen: 26.22 ng
RT: 7.13 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion: 94 Resp: 55044
Ion Ratio Lower Upper
94 100
65 30.4 11.3 51.3
66 43.5 19.5 59.5

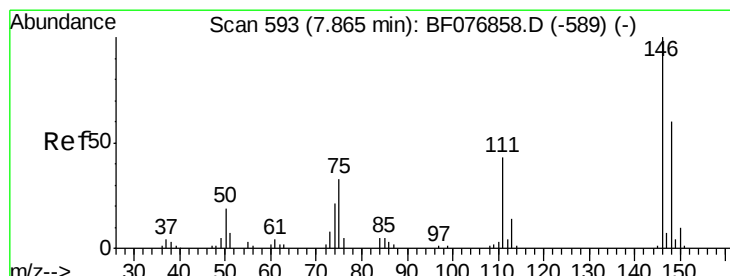
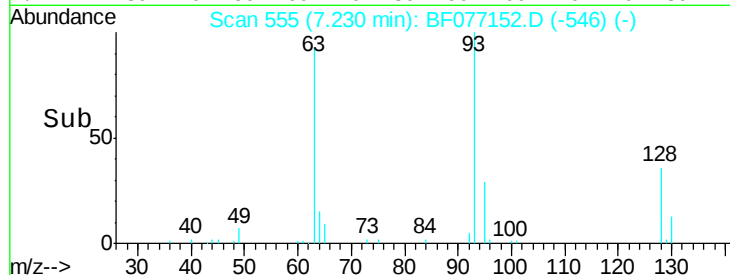
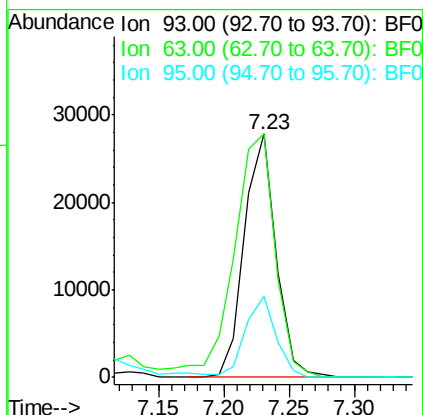
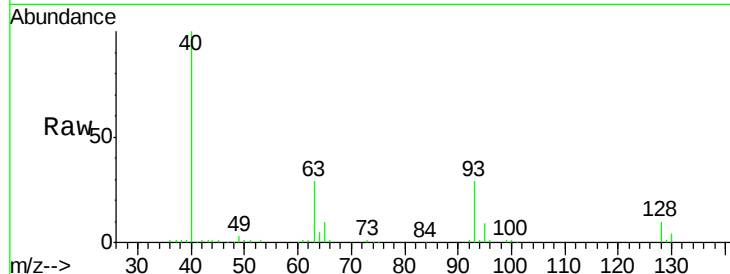




#11
bis(2-Chloroethyl)ether
Concen: 28.55 ng
RT: 7.23 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

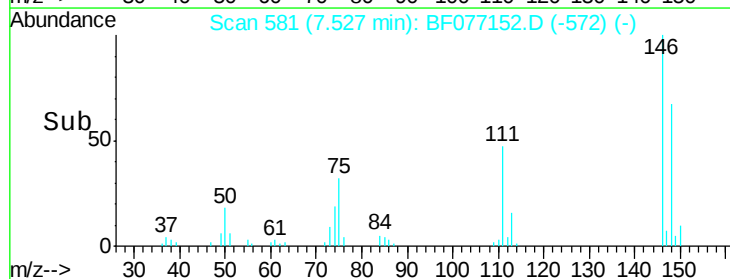
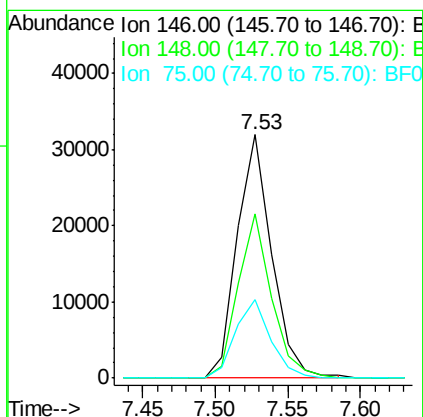
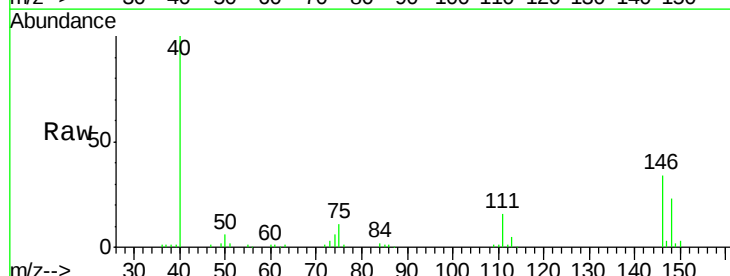
Instrument :
BNA_F
ClientSampleId :

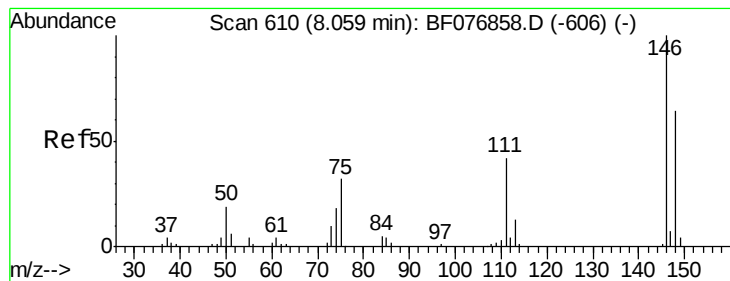
Tot Ion: 93 Resp: 46912
Ion Ratio Lower Upper
93 100
63 100.1 111.3 151.3#
95 33.2 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 25.80 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:146 Resp: 53037
Ion Ratio Lower Upper
146 100
148 67.5 48.1 72.1
75 32.4 26.8 40.2

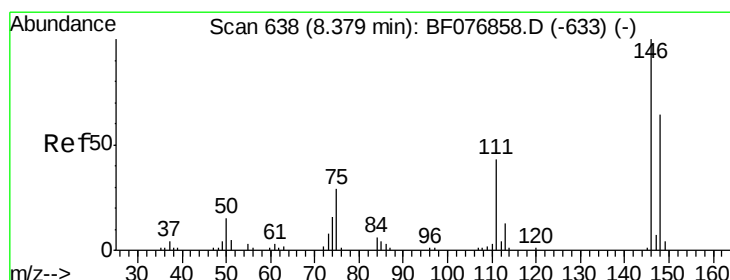
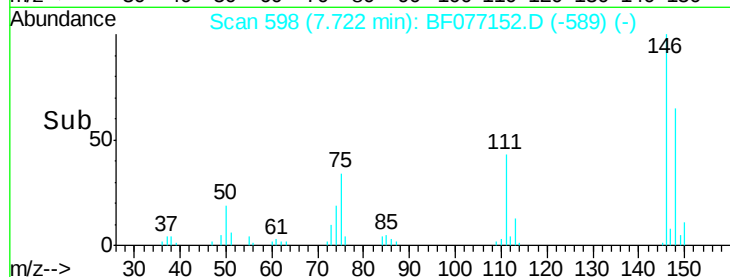
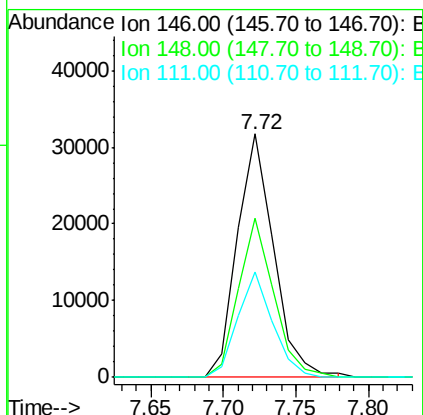
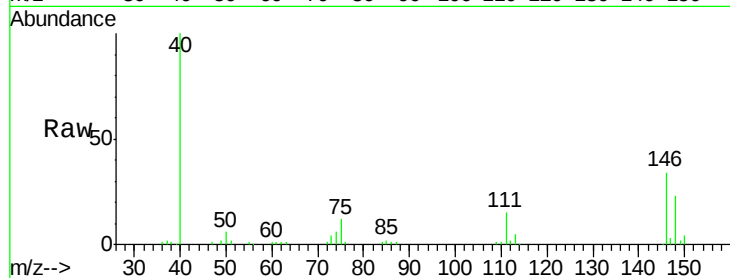




#13
 1,4-Dichlorobenzene
 Concen: 25.42 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

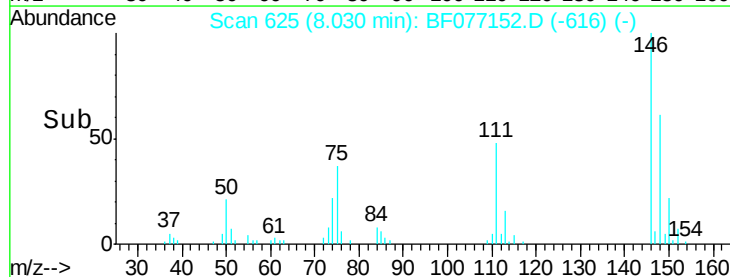
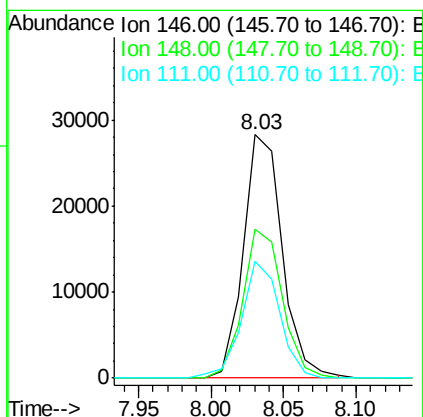
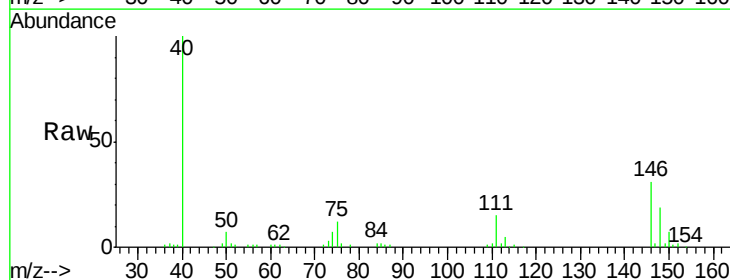
Instrument :
 BNA_F
 ClientSampleId :

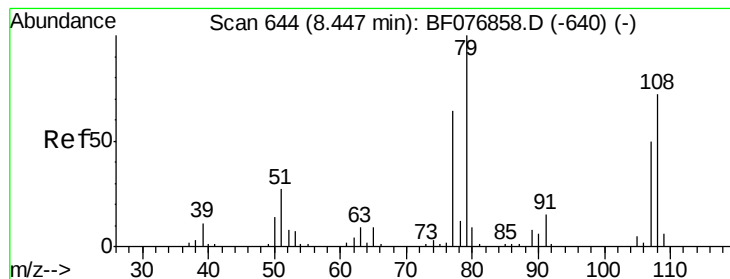
Tot Ion:146 Resp: 55425
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.5 77.3
 111 43.2 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 26.16 ng
 RT: 8.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion:146 Resp: 52538
 Ion Ratio Lower Upper
 146 100
 148 61.2 51.3 76.9
 111 47.8 34.5 51.7





#15

Benzyl Alcohol

Concen: 26.29 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :
BNA_F
ClientSampled :

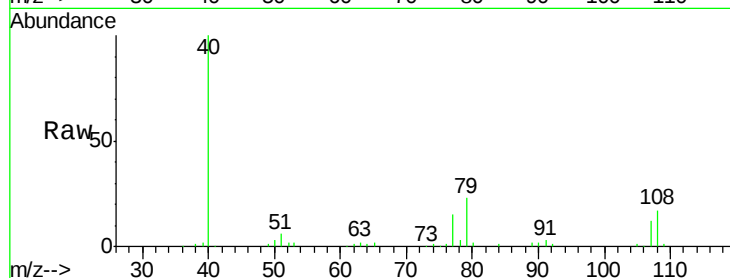
Tot Ion: 79 Resp: 42064

Ion Ratio Lower Upper

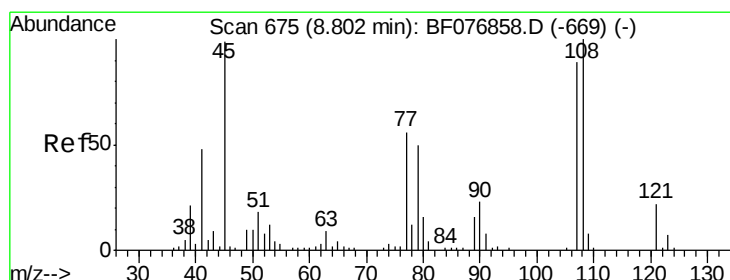
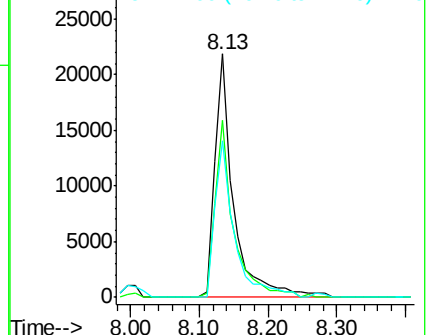
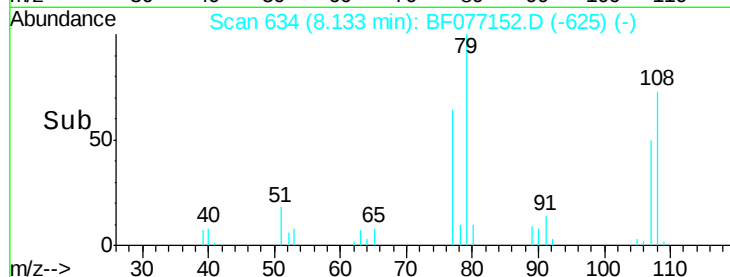
79 100

108 72.8 57.2 85.8

77 64.4 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: 27.67 ng

RT: 8.48 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

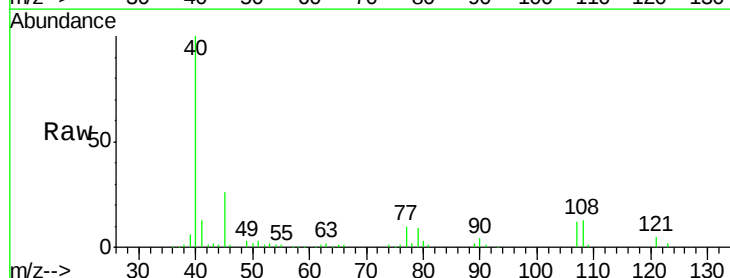
Tgt Ion: 45 Resp: 61110

Ion Ratio Lower Upper

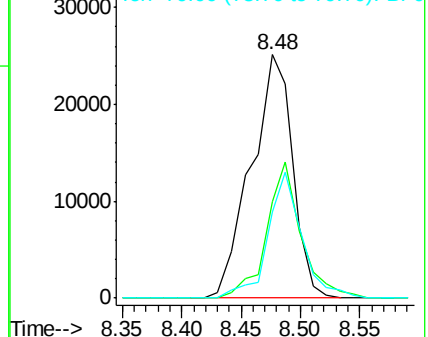
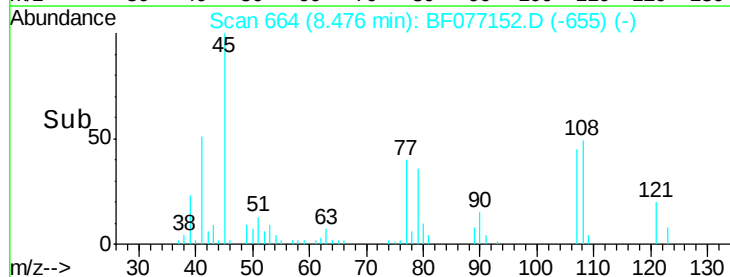
45 100

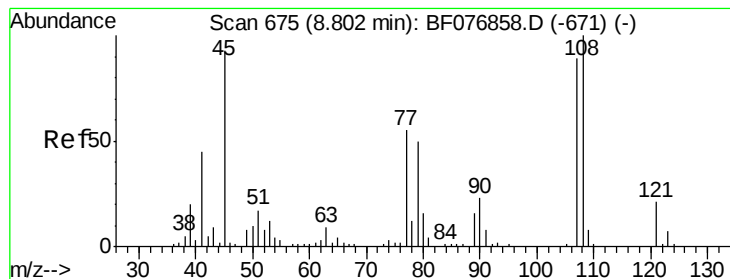
77 39.6 36.1 76.1

79 35.7 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: 24.71 ng

RT: 8.49 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 36486

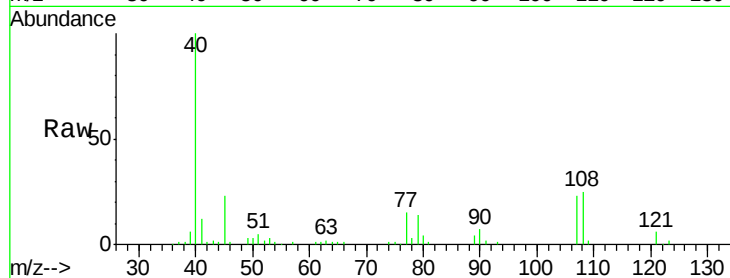
Ion Ratio Lower Upper

107 100

108 108.6 89.7 134.5

77 64.5 50.1 75.1

79 60.0 45.0 67.6

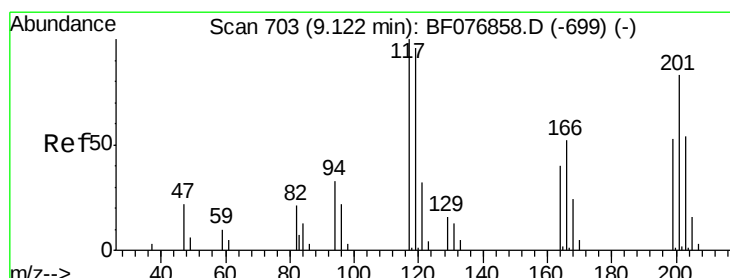
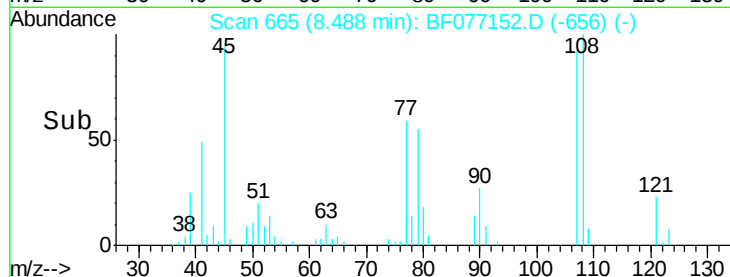
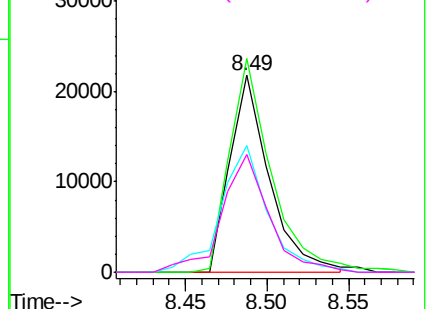


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.25 ng

RT: 8.78 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

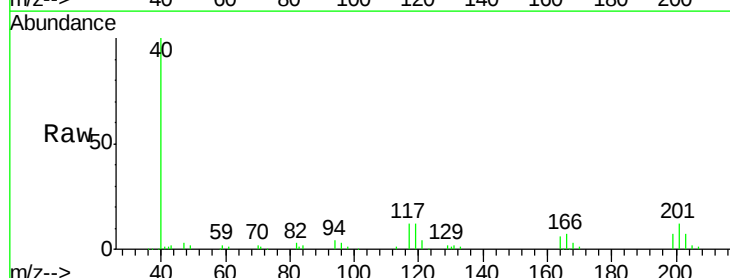
Tgt Ion:117 Resp: 20665

Ion Ratio Lower Upper

117 100

119 98.9 77.1 115.7

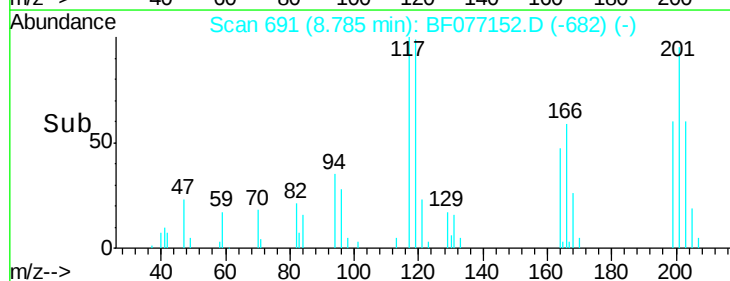
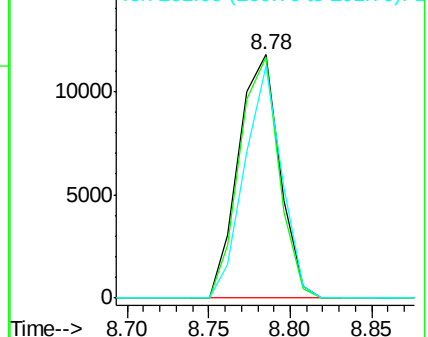
201 95.3 66.8 100.2

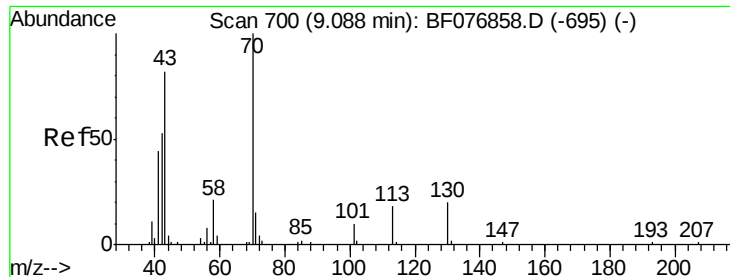


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

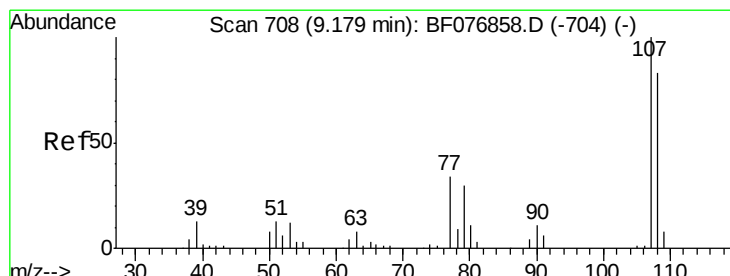
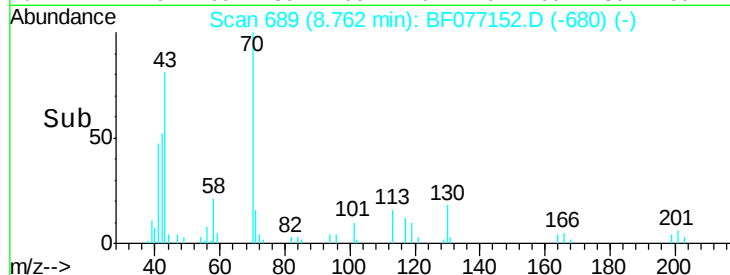
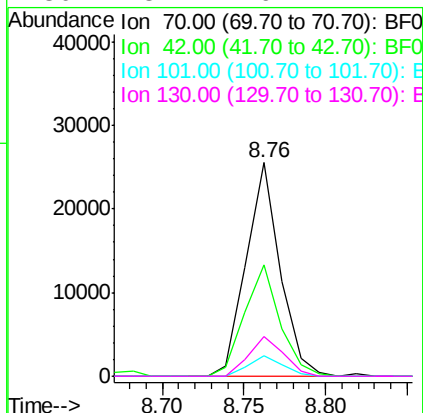
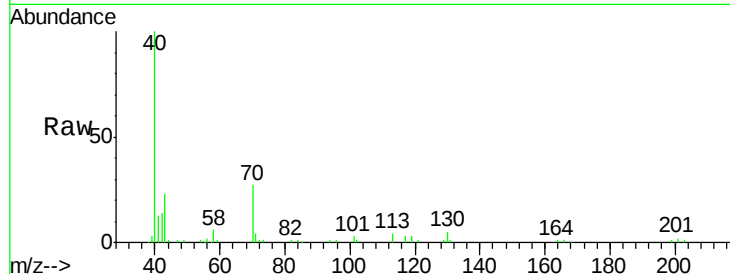




#19
n-Nitroso-di-n-propylamine
Concen: 26.56 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

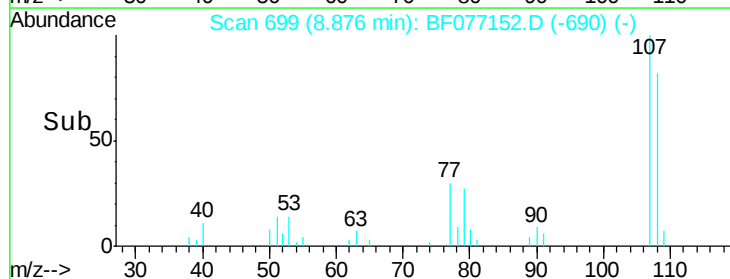
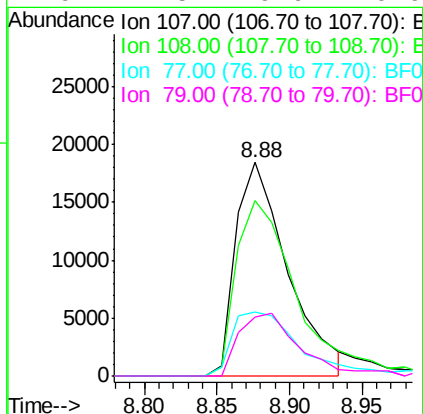
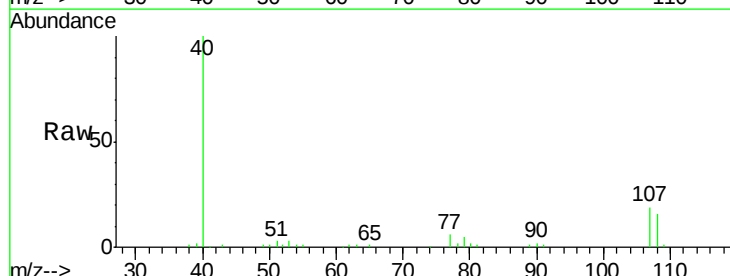
Instrument :
BNA_F
ClientSampleId :

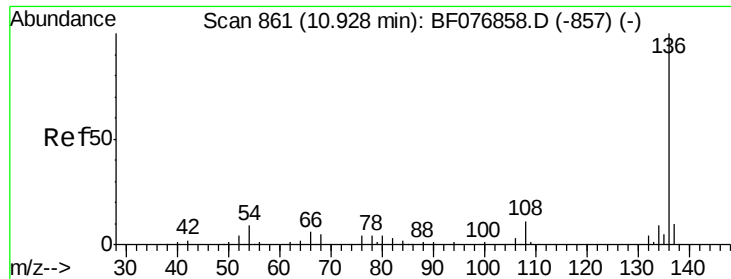
Tot Ion:	70	Resp:	36757
Ion	Ratio	Lower	Upper
70	100		
42	52.4	42.1	63.1
101	9.6	7.8	11.8
130	18.4	16.2	24.4



#20
3+4-Methylphenols
Concen: 23.46 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:	107	Resp:	45874
Ion	Ratio	Lower	Upper
107	100		
108	82.1	63.5	103.5
77	29.7	14.0	54.0
79	27.5	9.9	49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 113695

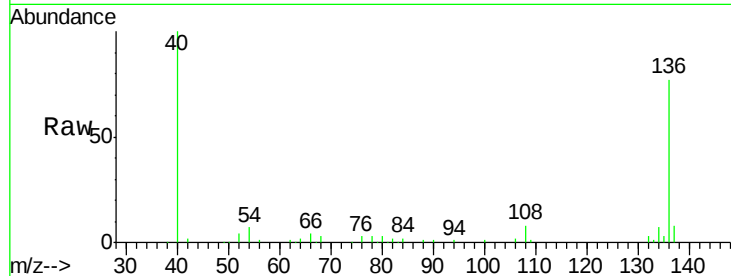
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 8.7 7.0 10.4

68 4.5 3.7 5.5

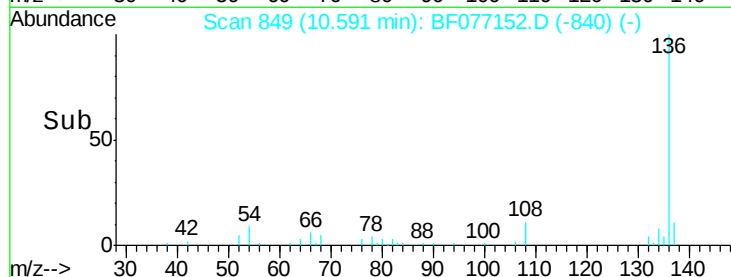


Abundance Ion 136.00 (135.70 to 136.70): E

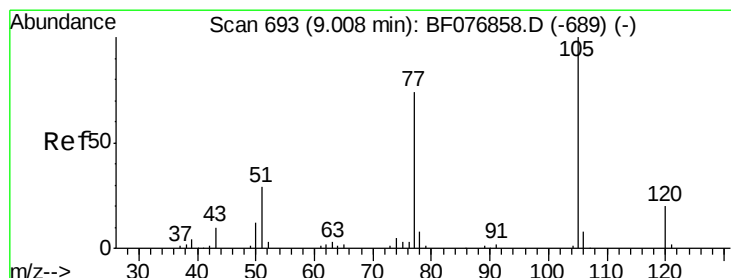
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 10.50 10.55 10.60 10.65



#22

Acetophenone

Concen: 26.83 ng

RT: 8.68 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Tgt Ion:105 Resp: 74726

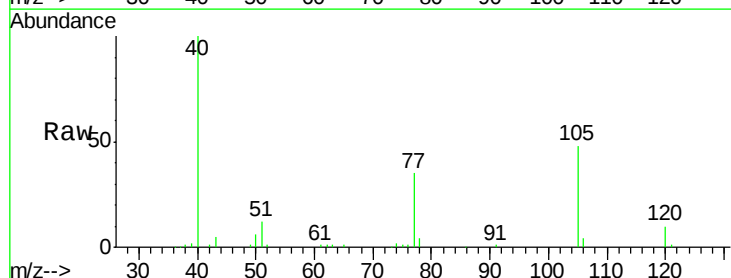
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.1 23.3 34.9

120 19.8 16.1 24.1

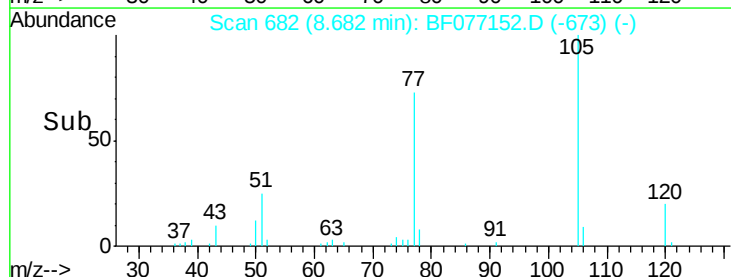


Abundance Ion 105.00 (104.70 to 105.70): E

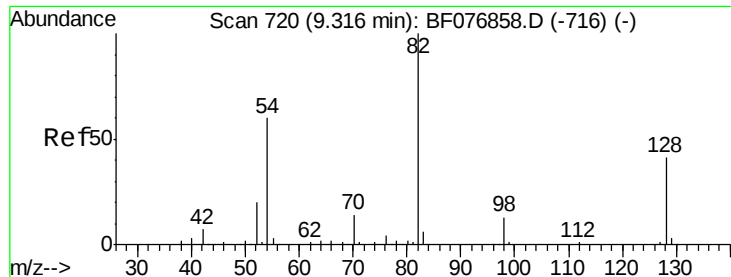
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



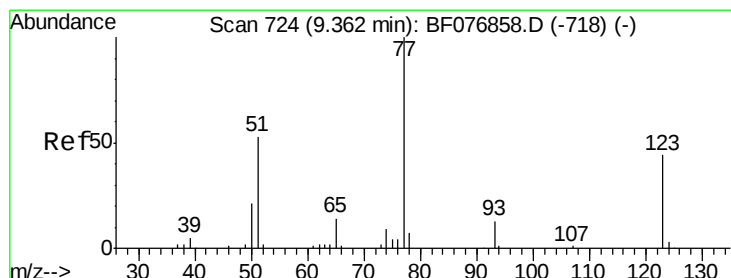
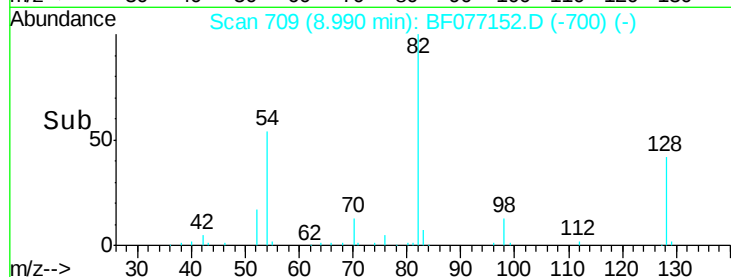
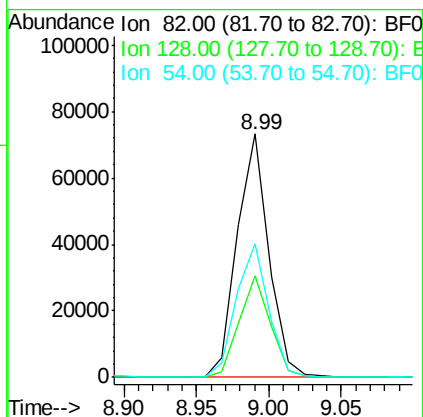
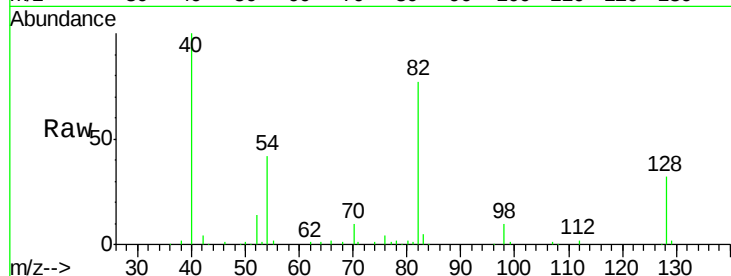
Time--> 8.60 8.65 8.70 8.75



#23
 Nitrobenzene-d5
 Concen: 53.98 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

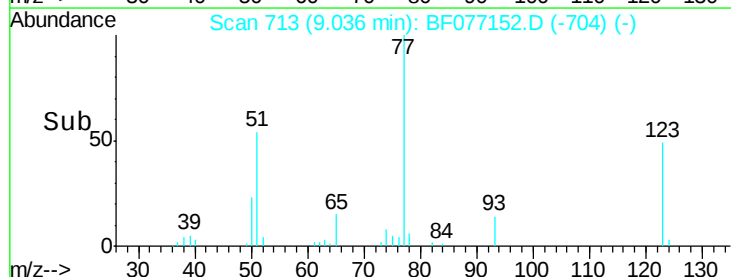
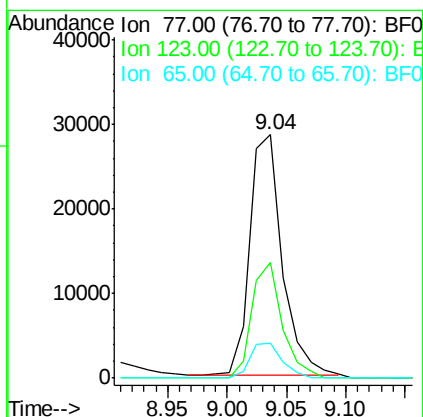
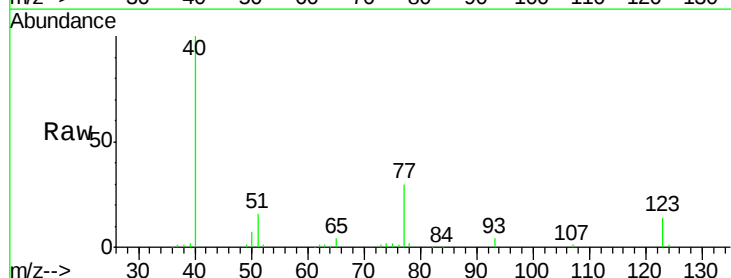
Instrument :
 BNA_F
 ClientSampleID :

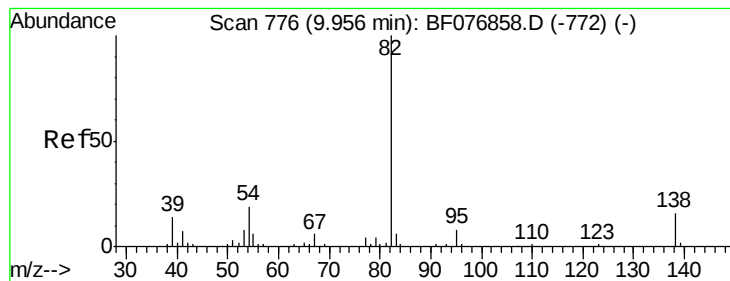
Tot Ion	82	Resp	110775
Ion Ratio	100		
Lower	33.1		
Upper	49.7		
128	41.7		
54	55.0		
	48.3		
	72.5		



#24
 Nitrobenzene
 Concen: 26.12 ng
 RT: 9.04 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion	77	Resp	54613
Ion Ratio	100		
Lower	35.2		
Upper	52.8		
123	47.7		
65	14.6		
	11.4		
	17.2		





#25

Isophorone

Concen: 26.16 ng

RT: 9.63 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

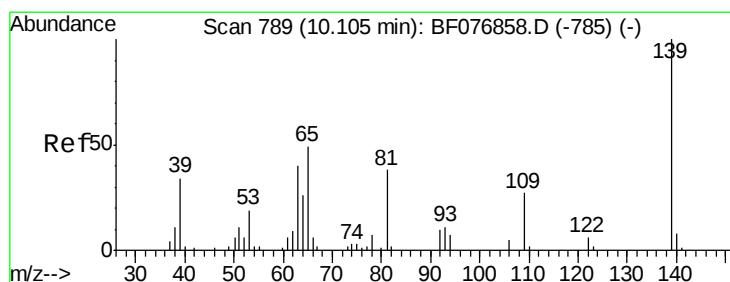
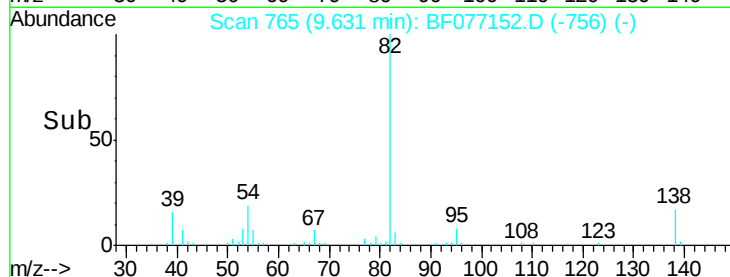
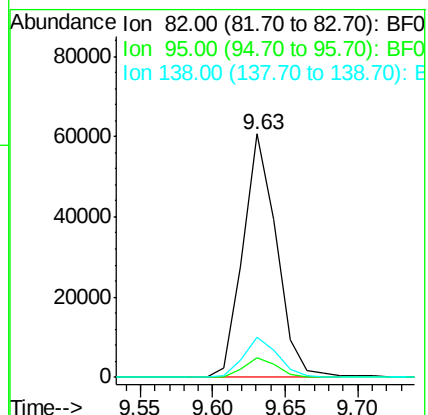
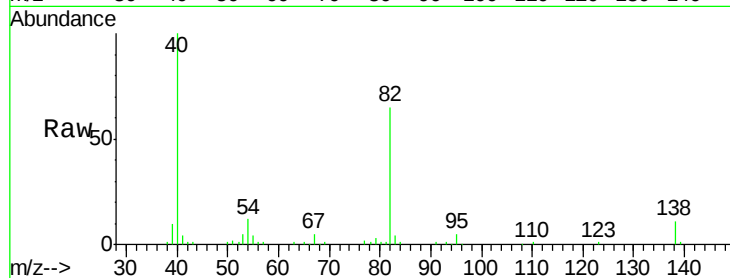
Tot Ion: 82 Resp: 97765

Ion Ratio Lower Upper

82 100

95 7.8 6.6 10.0

138 16.6 12.6 18.8



#26

2-Nitrophenol

Concen: 19.95 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

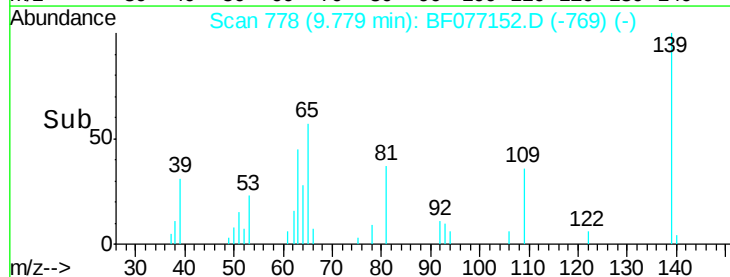
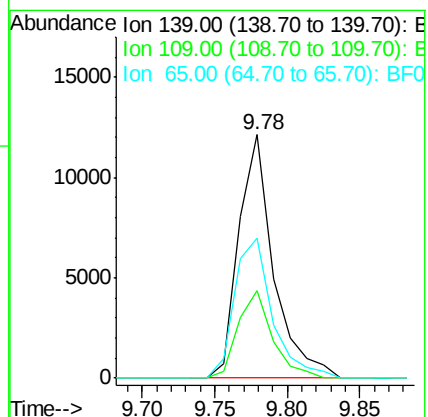
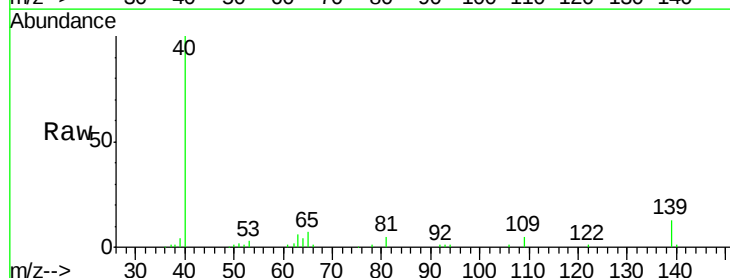
Tgt Ion: 139 Resp: 20214

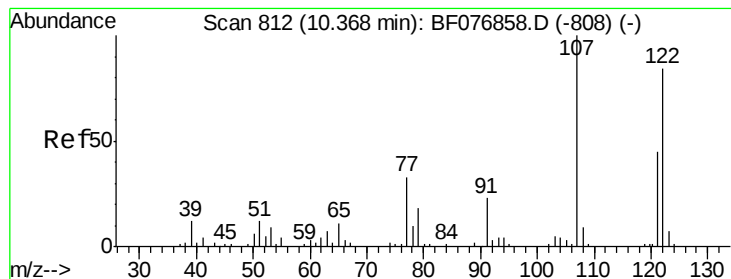
Ion Ratio Lower Upper

139 100

109 35.7 21.3 31.9#

65 57.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 20.16 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

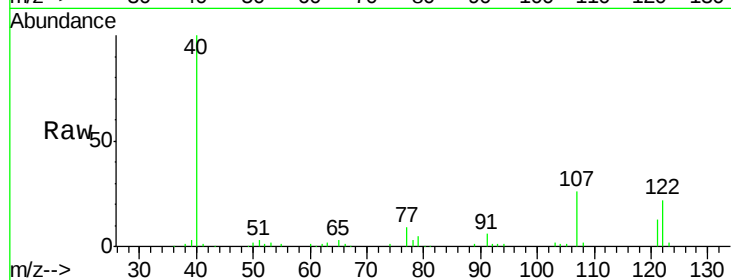
Tot Ion:122 Resp: 32598

Ion Ratio Lower Upper

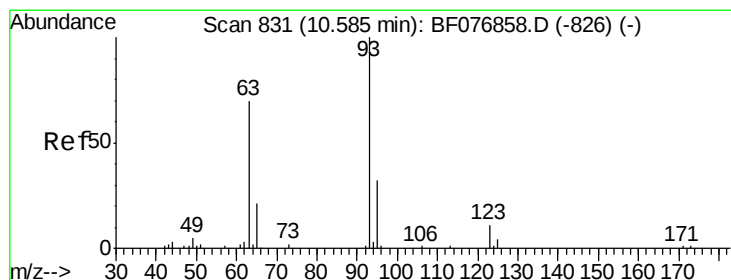
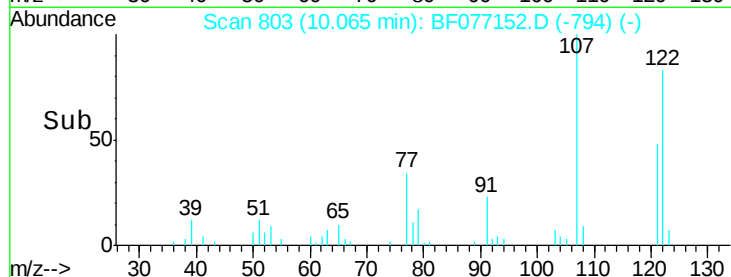
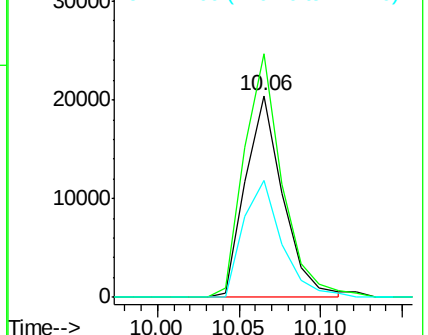
122 100

107 120.7 95.2 142.8

121 57.9 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 28.43 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

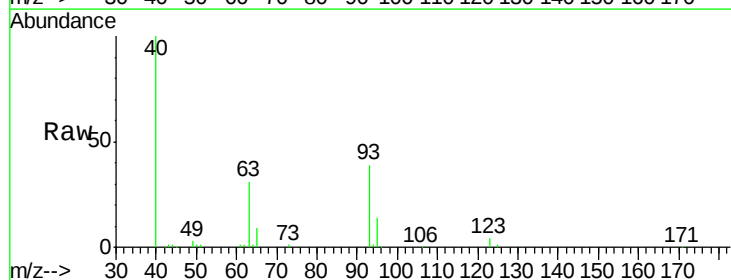
Tgt Ion: 93 Resp: 60391

Ion Ratio Lower Upper

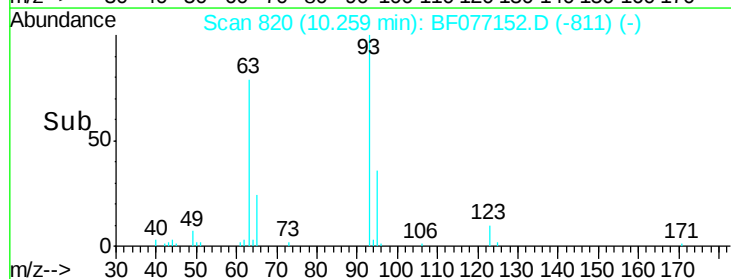
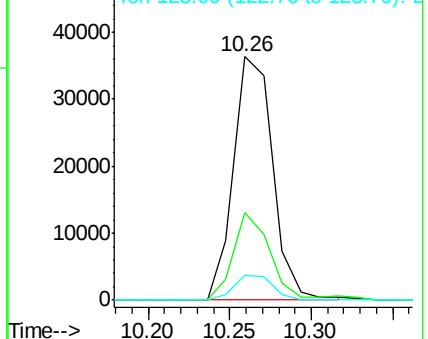
93 100

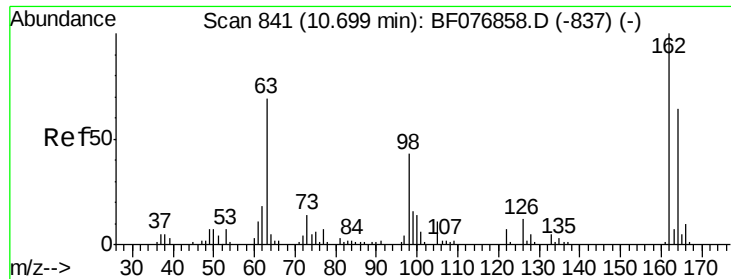
95 35.8 25.6 38.4

123 10.2 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

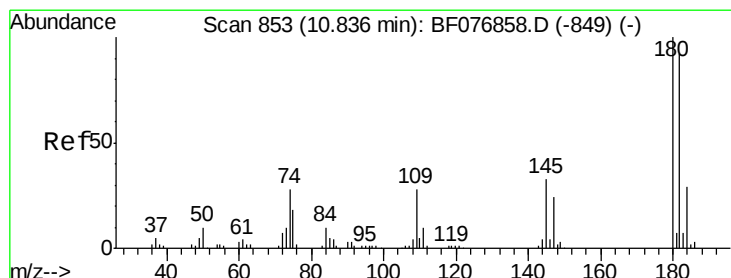
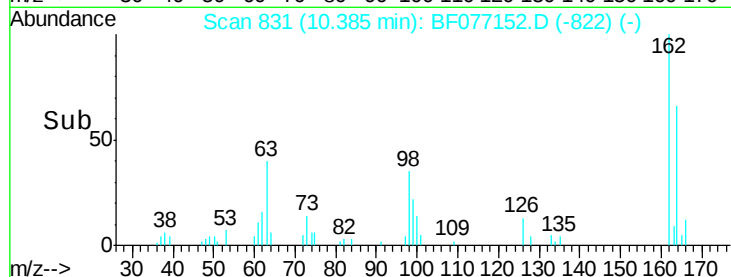
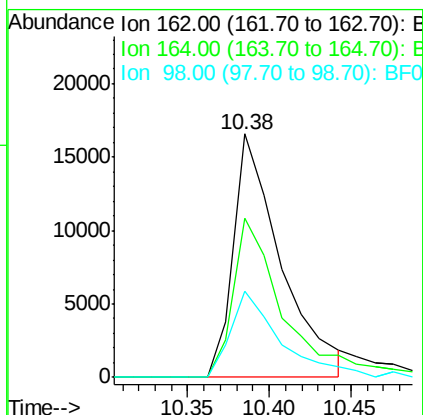
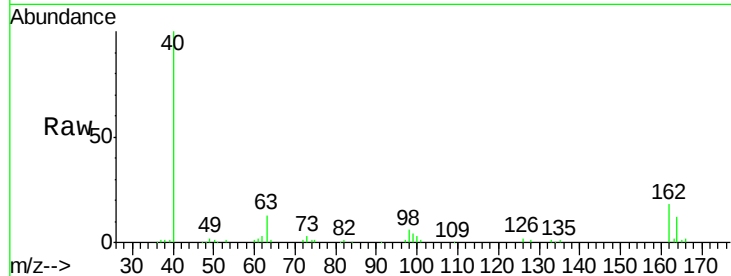




#29
 2,4-Dichlorophenol
 Concen: 22.27 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

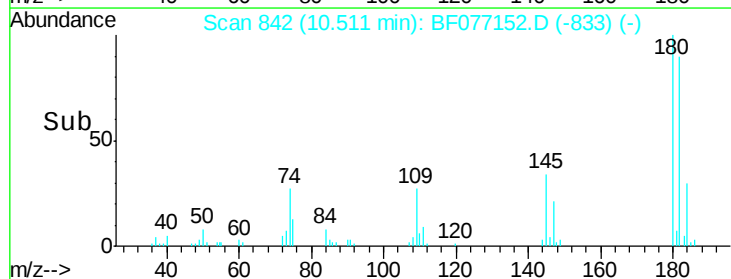
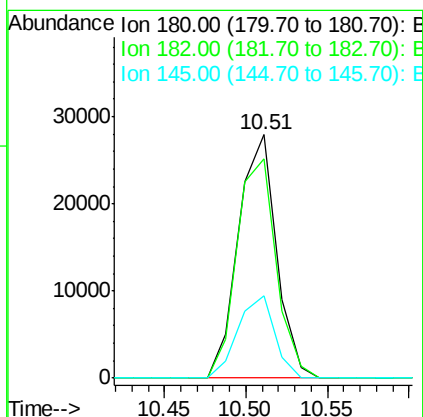
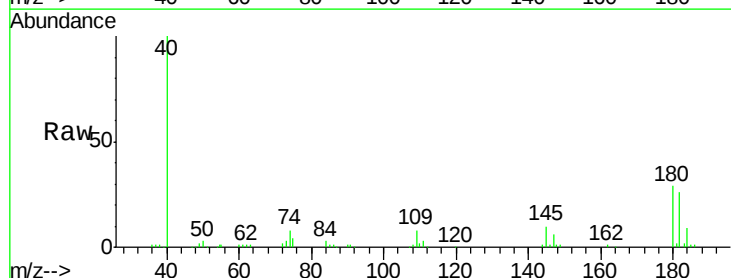
Instrument :
 BNA_F
 ClientSampleId :

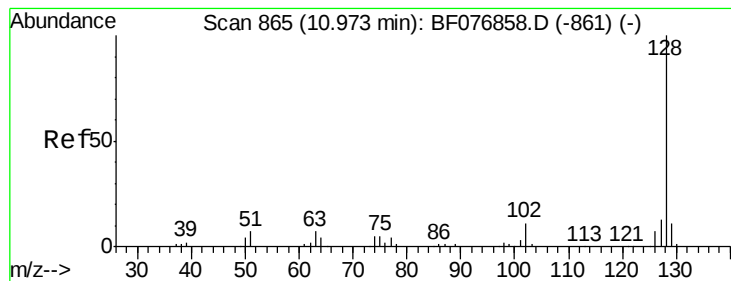
Tot Ion:162 Resp: 33563
 Ion Ratio Lower Upper
 162 100
 164 65.5 43.8 83.8
 98 35.5 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 26.88 ng
 RT: 10.51 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion:180 Resp: 44983
 Ion Ratio Lower Upper
 180 100
 182 90.0 73.6 110.4
 145 34.0 26.6 39.8





#31

Naphthalene

Concen: 25.47 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

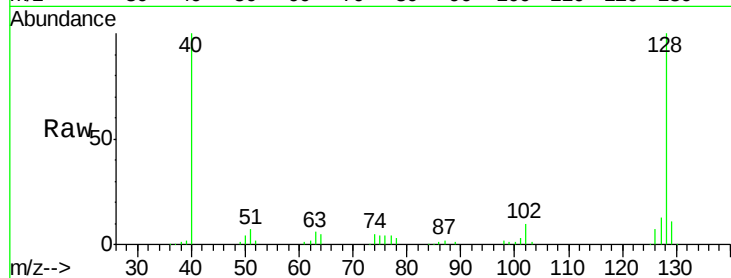
Tot Ion:128 Resp: 149080

Ion Ratio Lower Upper

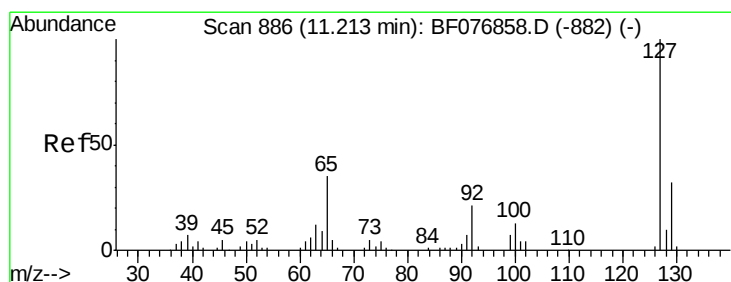
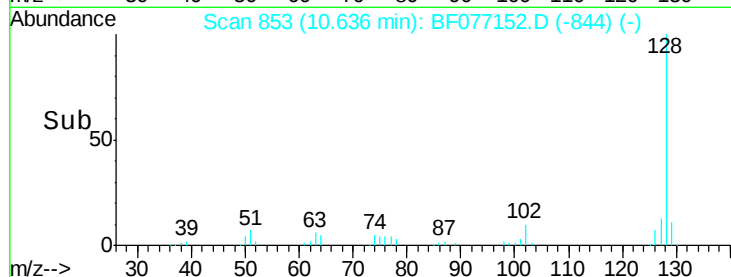
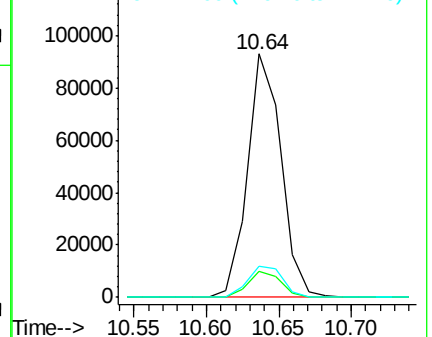
128 100

129 10.8 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



#33

4-Chloroaniline

Concen: 8.05 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Tgt Ion:127 Resp: 19049

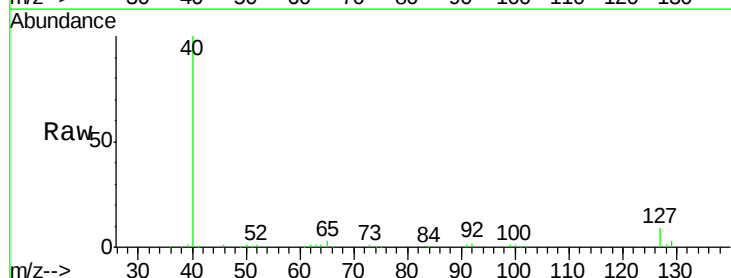
Ion Ratio Lower Upper

127 100

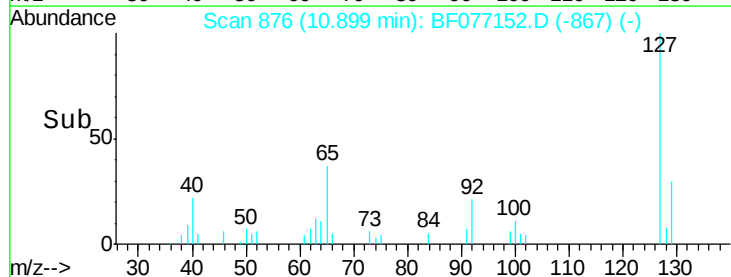
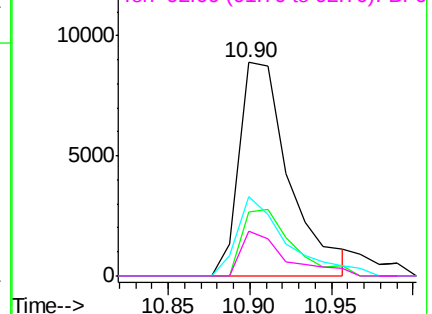
129 29.8 25.3 37.9

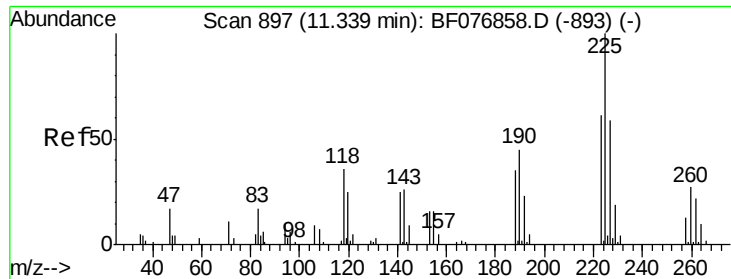
65 37.1 27.8 41.6

92 21.2 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

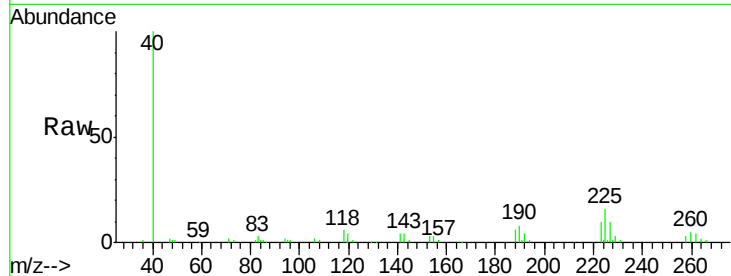




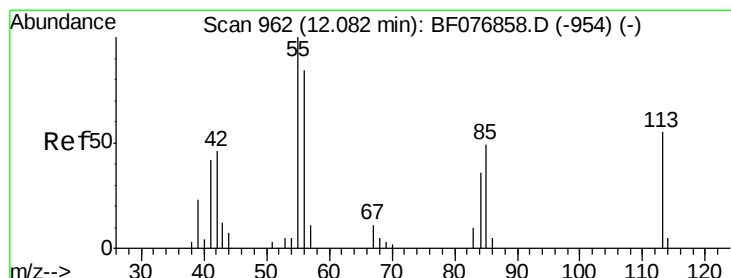
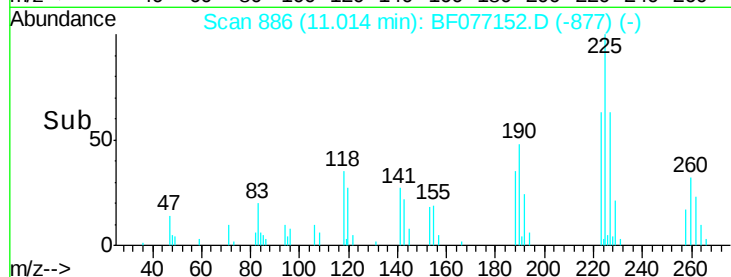
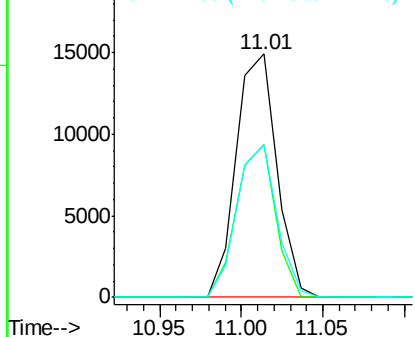
#34
Hexachlorobutadiene
Concen: 25.93 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 25744
Ion Ratio Lower Upper
225 100
223 62.9 49.1 73.7
227 62.6 47.5 71.3

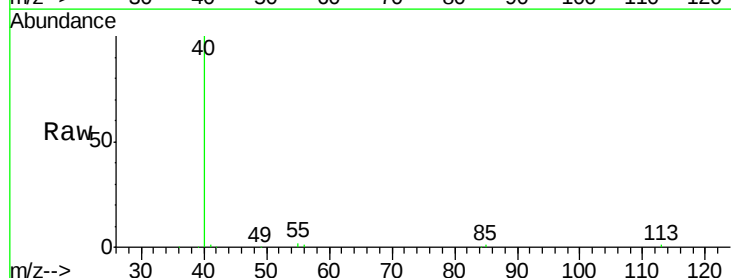


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

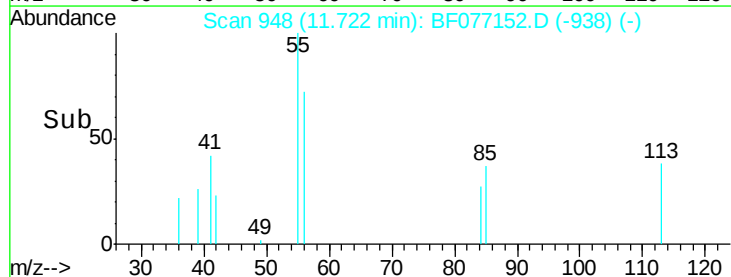
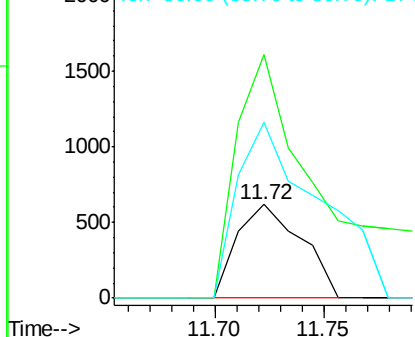


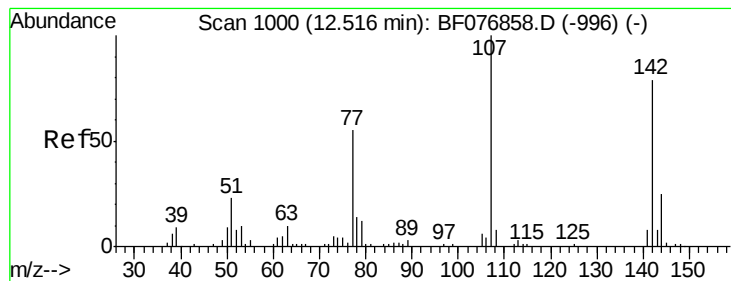
#35
Caprolactam
Concen: 2.87 ng
RT: 11.72 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:113 Resp: 1274
Ion Ratio Lower Upper
113 100
55 259.9 162.1 202.1#
56 187.4 133.7 173.7#



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: 24.53 ng

RT: 12.20 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

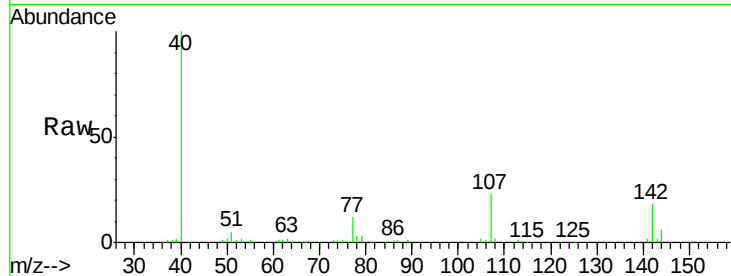
Tot Ion:107 Resp: 42319

Ion Ratio Lower Upper

107 100

144 24.9 20.0 30.0

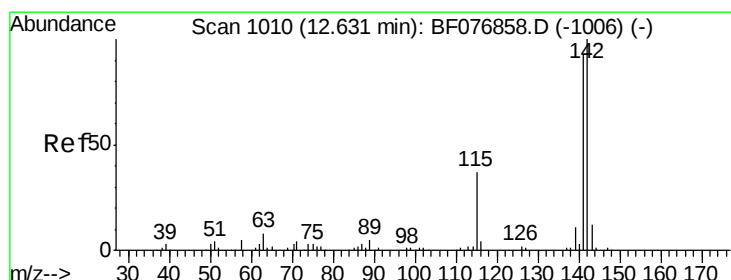
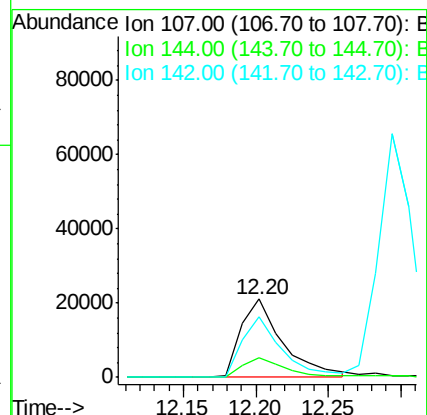
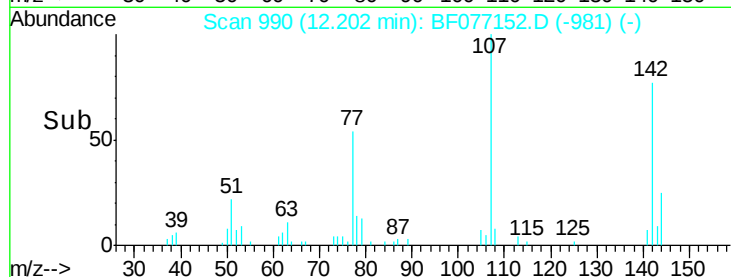
142 77.3 63.5 95.3



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: 26.24 ng

RT: 12.29 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

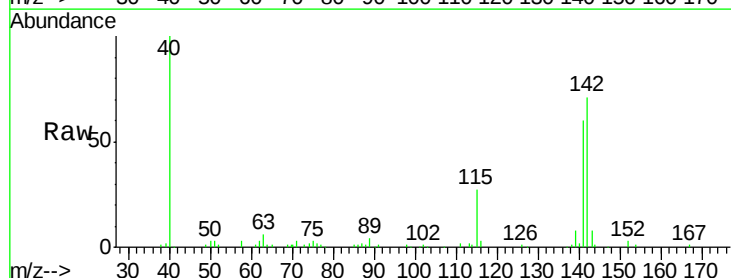
Tgt Ion:142 Resp: 104892

Ion Ratio Lower Upper

142 100

141 84.7 74.5 111.7

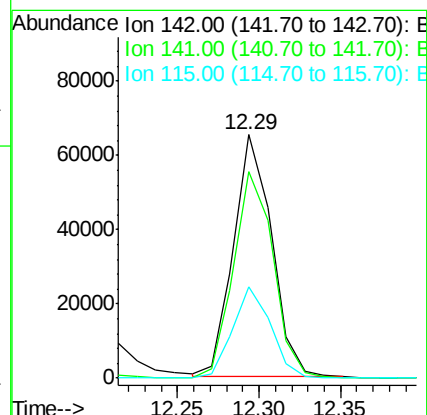
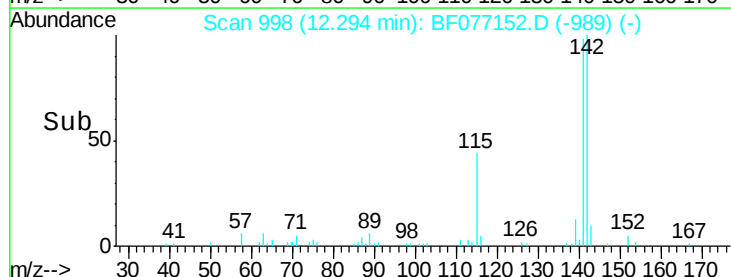
115 37.7 29.7 44.5

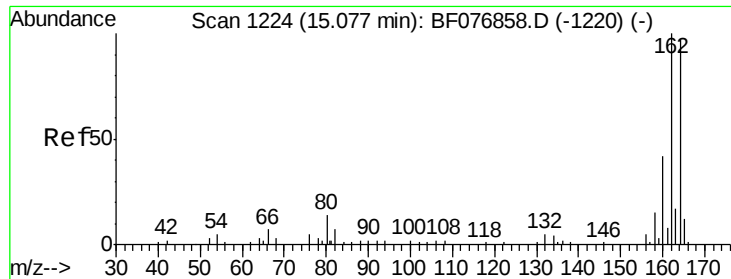


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.72 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampled :

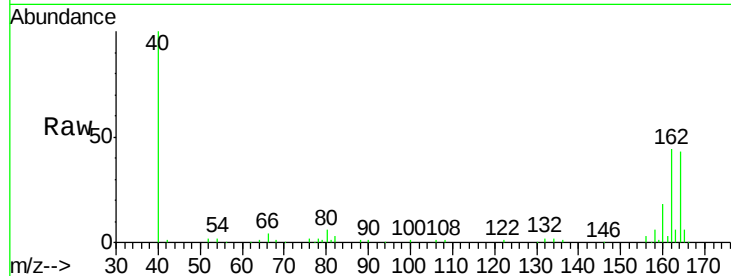
Tot Ion:164 Resp: 62724

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

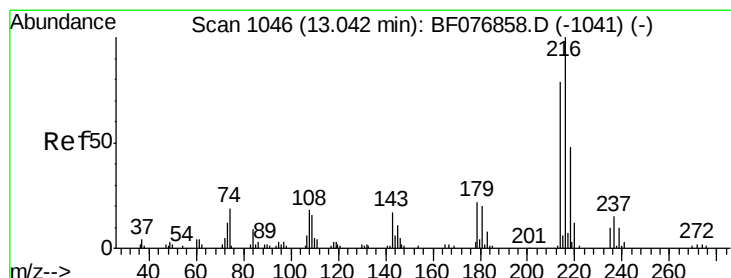
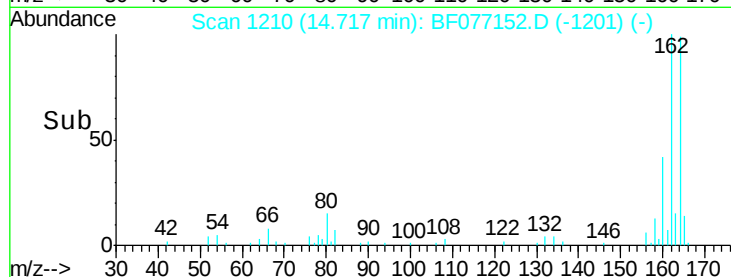
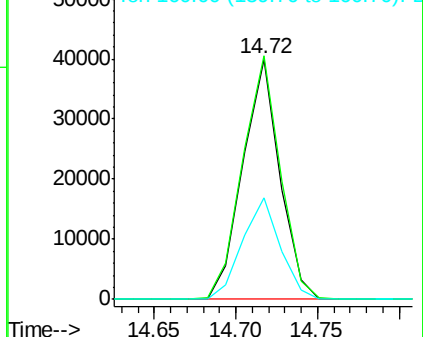
160 42.5 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.67 ng

RT: 12.69 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Tgt Ion:216 Resp: 42905

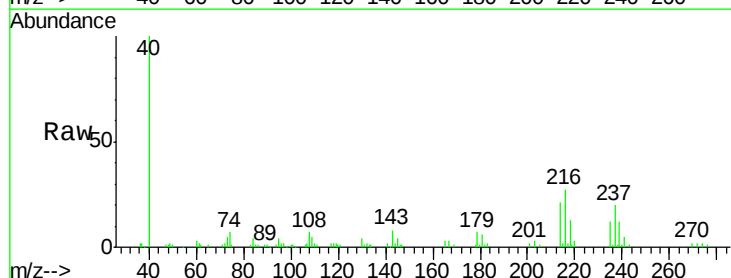
Ion Ratio Lower Upper

216 100

214 76.4 64.9 97.3

179 22.9 18.6 28.0

108 23.9 18.1 27.1

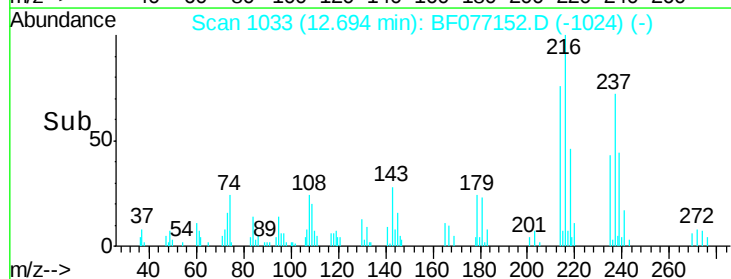
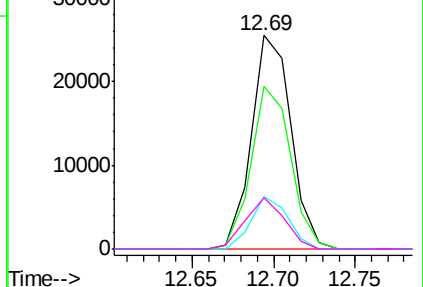


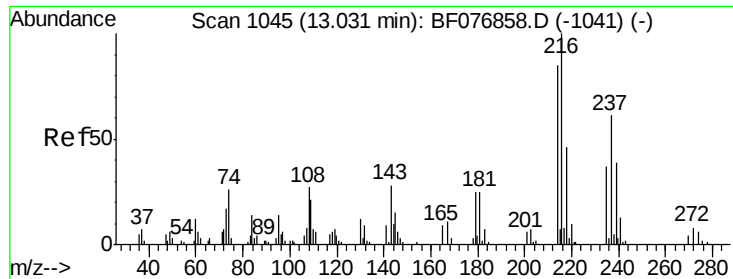
Abundance Ion 216.00 (215.70 to 216.70): E

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

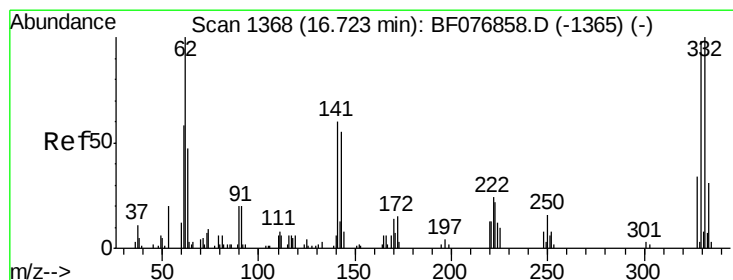
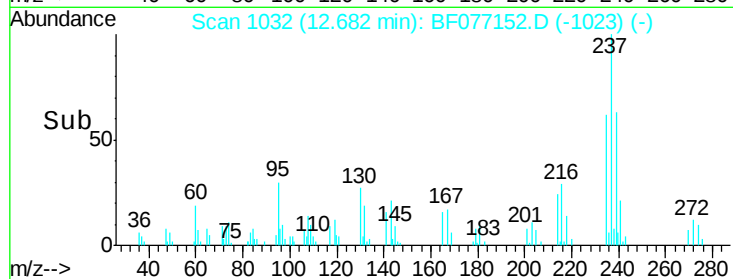
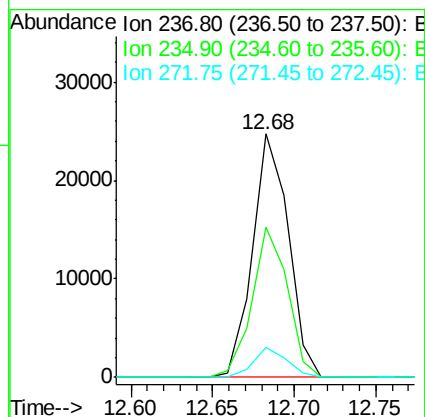
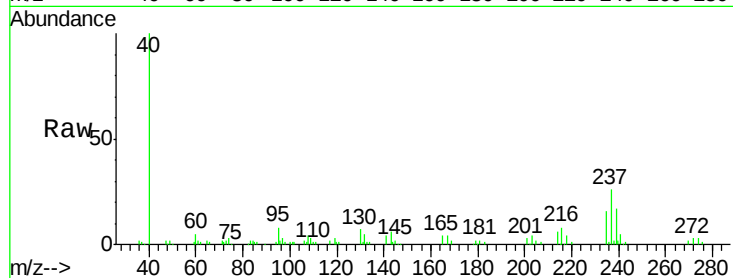




#40
Hexachlorocyclopentadiene
Concen: 47.07 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

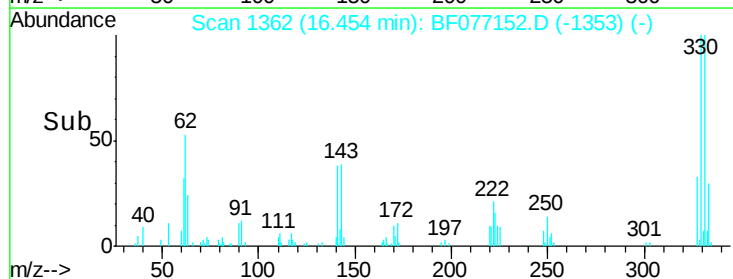
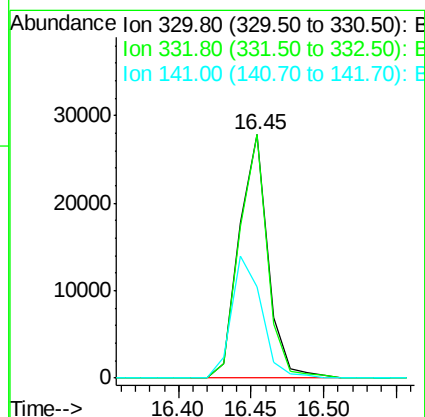
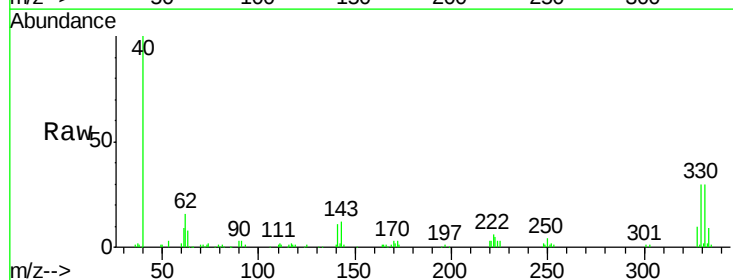
Instrument :
BNA_F
ClientSampleId :

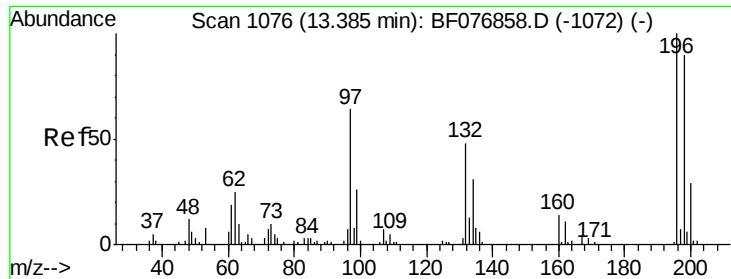
Tot Ion:237 Resp: 37629
Ion Ratio Lower Upper
237 100
235 61.9 40.4 80.4
272 12.2 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 75.56 ng
RT: 16.45 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:330 Resp: 38469
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 52.5 38.5 57.7

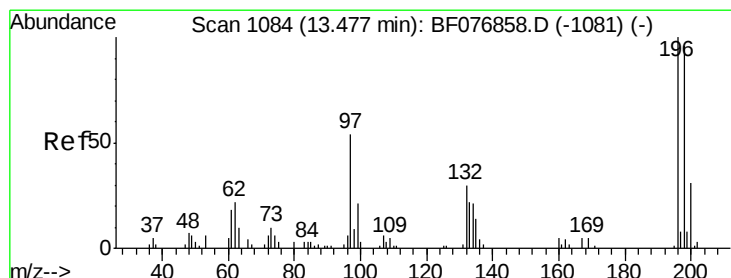
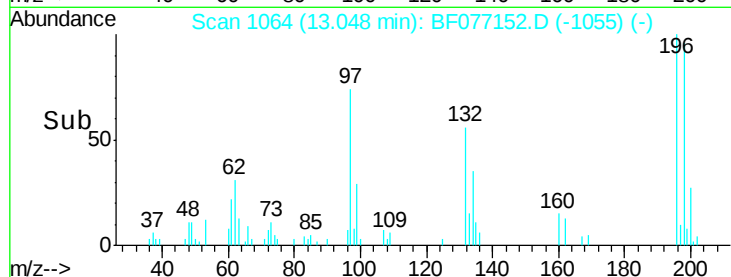
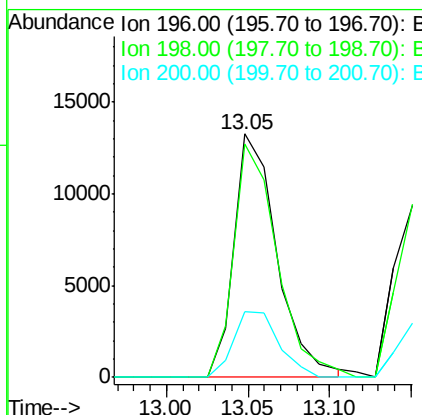
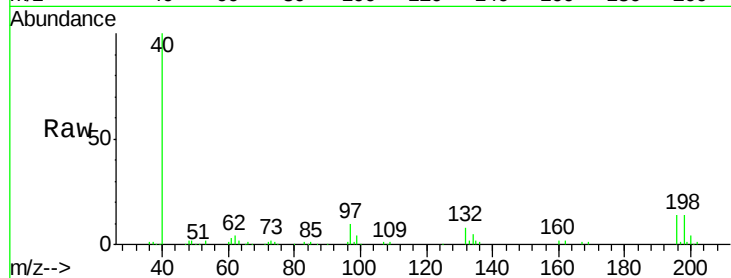




#42
 2,4,6-Trichlorophenol
 Concen: 21.39 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

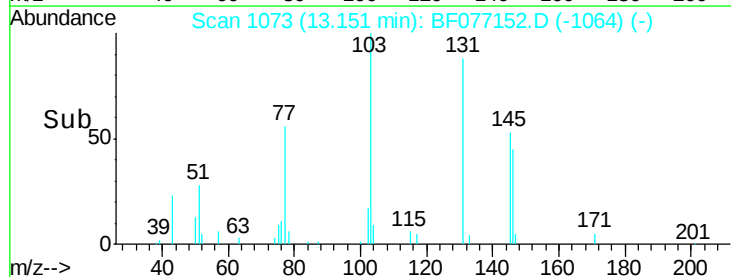
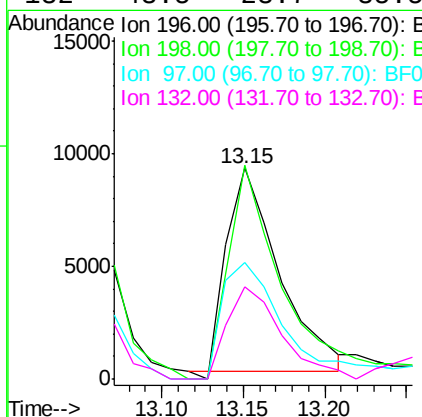
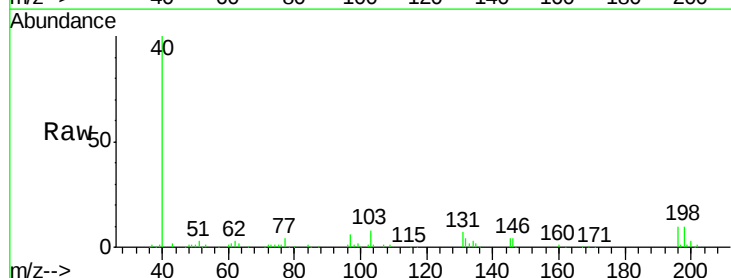
Instrument :
 BNA_F
 ClientSampleId :

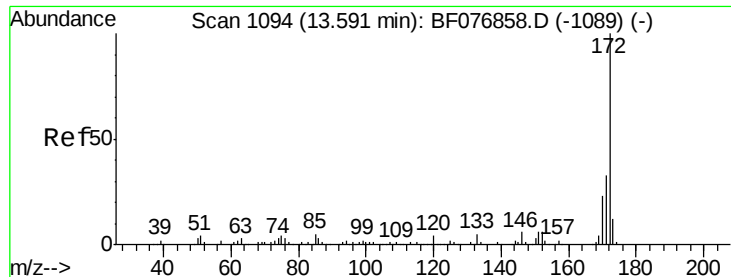
Tot Ion:196 Resp: 24168
 Ion Ratio Lower Upper
 196 100
 198 95.8 72.0 108.0
 200 27.0 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 17.43 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion:196 Resp: 20090
 Ion Ratio Lower Upper
 196 100
 198 101.2 76.6 115.0
 97 55.4 43.4 65.0
 132 43.5 23.7 35.5#

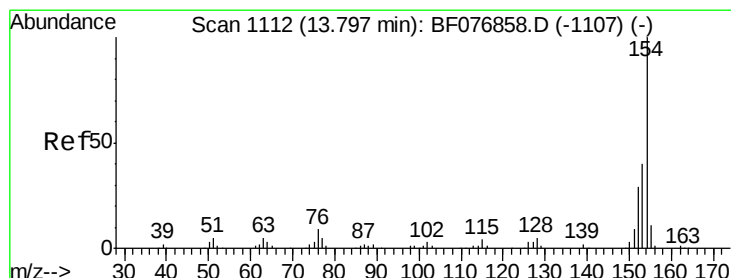
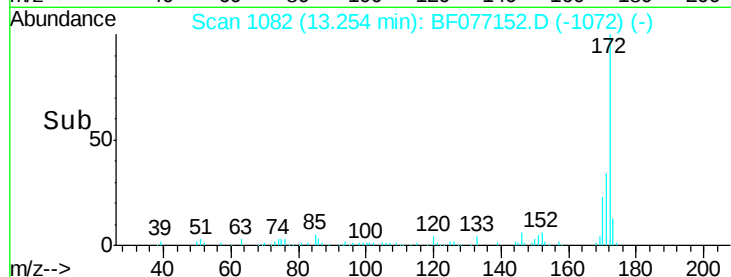
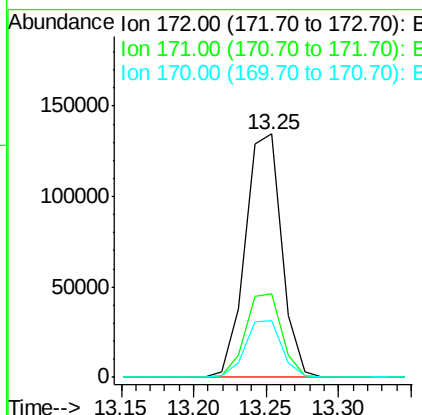
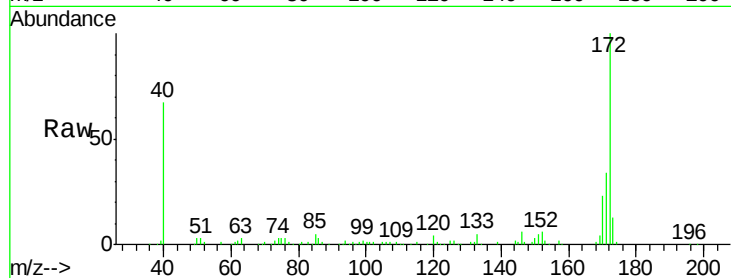




#44
2-Fluorobiphenyl
Concen: 56.93 ng
RT: 13.25 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

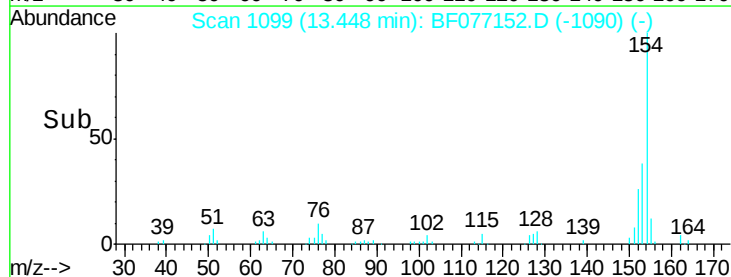
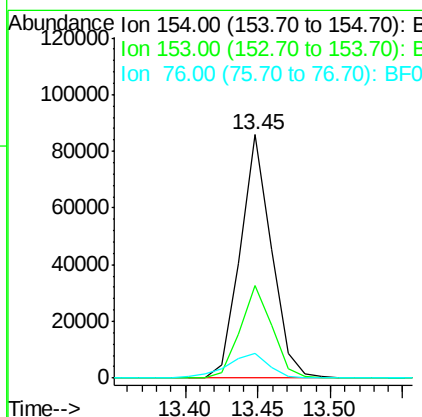
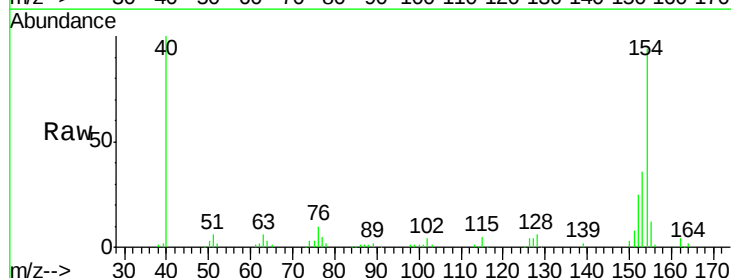
Instrument :
BNA_F
ClientSampleId :

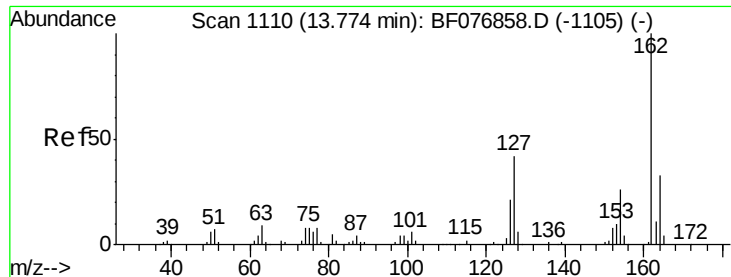
Tot Ion:172 Resp: 234641
Ion Ratio Lower Upper
172 100
171 34.3 26.6 40.0
170 23.5 18.0 27.0



#45
1,1'-Biphenyl
Concen: 27.56 ng
RT: 13.45 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:154 Resp: 128146
Ion Ratio Lower Upper
154 100
153 37.9 20.2 60.2
76 10.2 0.0 29.0

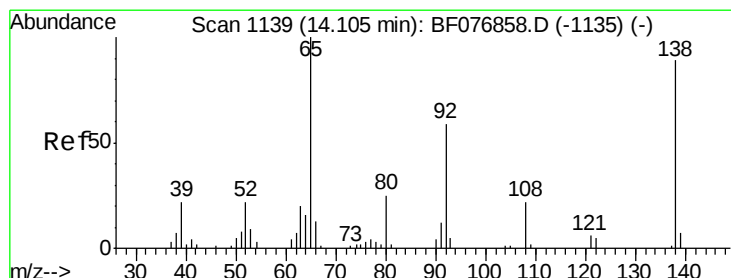
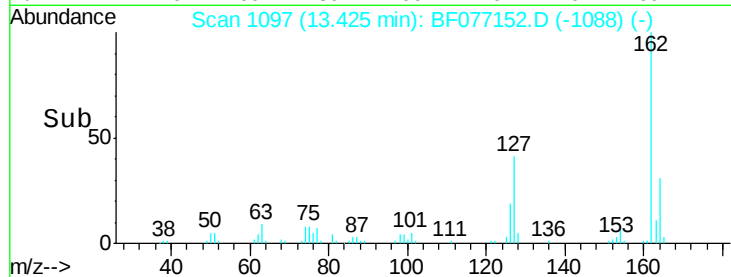
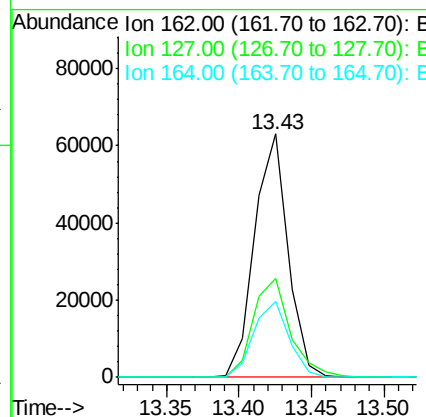
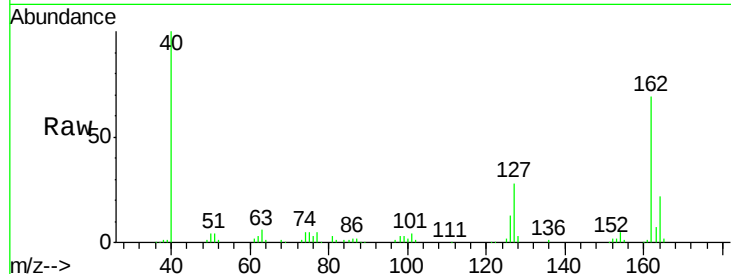




#46
2-Chloronaphthalene
Concen: 26.34 ng
RT: 13.43 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

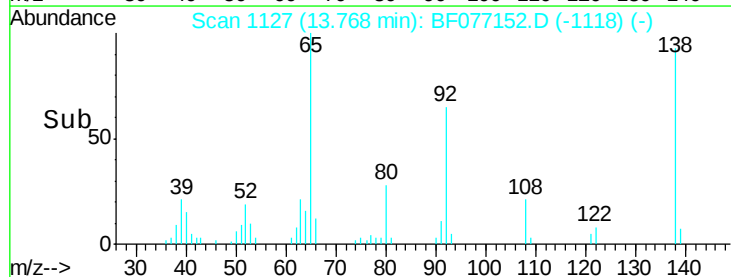
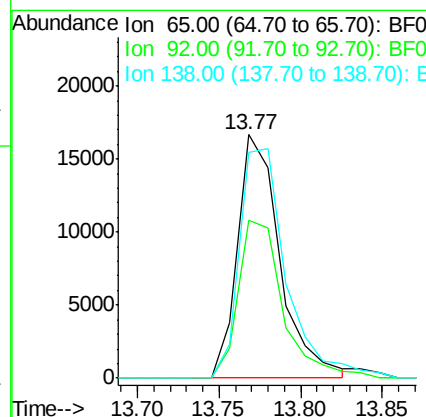
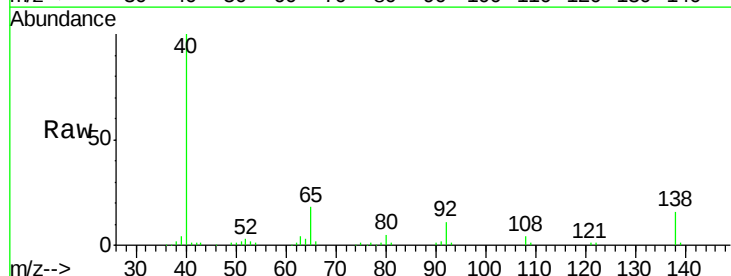
Instrument :
BNA_F
ClientSampleId :

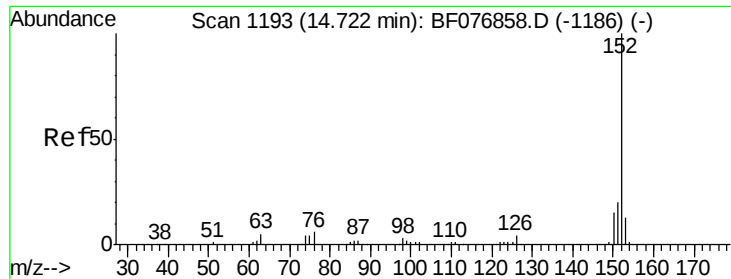
Tot Ion:162 Resp: 100783
Ion Ratio Lower Upper
162 100
127 40.8 33.8 50.6
164 31.1 26.8 40.2



#47
2-Nitroaniline
Concen: 25.91 ng
RT: 13.77 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion: 65 Resp: 30078
Ion Ratio Lower Upper
65 100
92 64.8 47.3 70.9
138 92.7 71.4 107.2





#48

Acenaphthylene

Concen: 25.41 ng

RT: 14.36 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

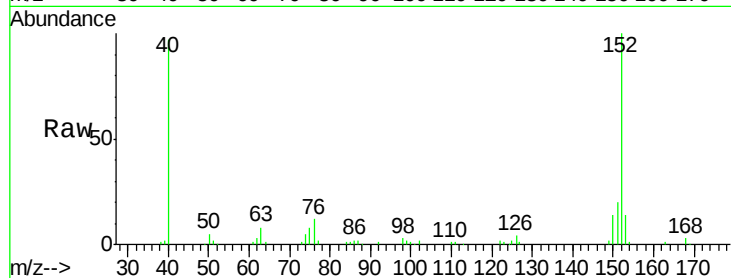
Tot Ion:152 Resp: 164029

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

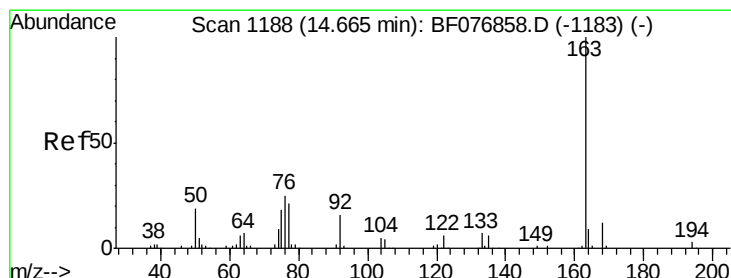
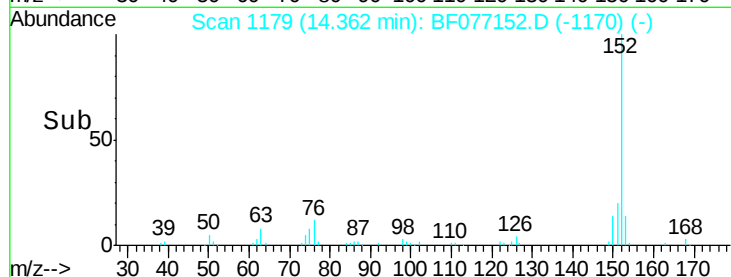
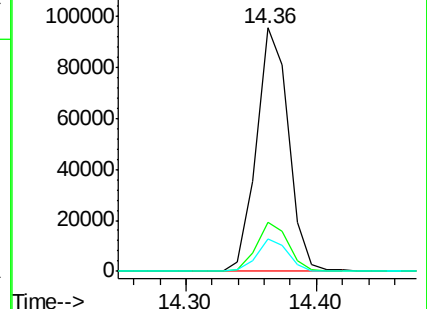
153 13.5 10.2 15.4



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: 31.14 ng

RT: 14.33 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

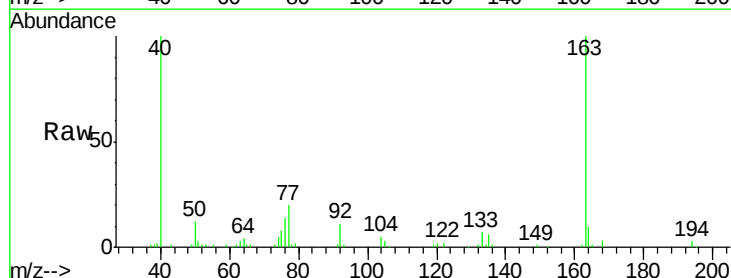
Tgt Ion:163 Resp: 138535

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

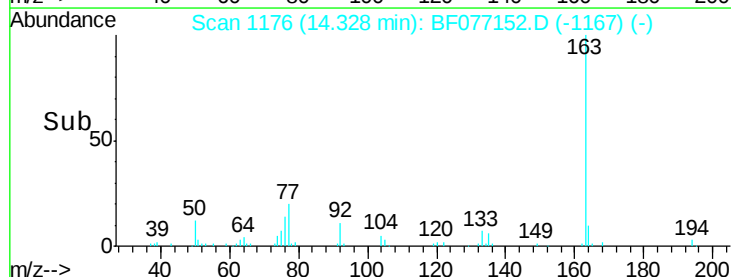
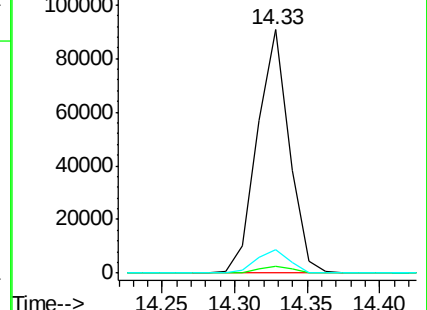
164 9.7 7.5 11.3

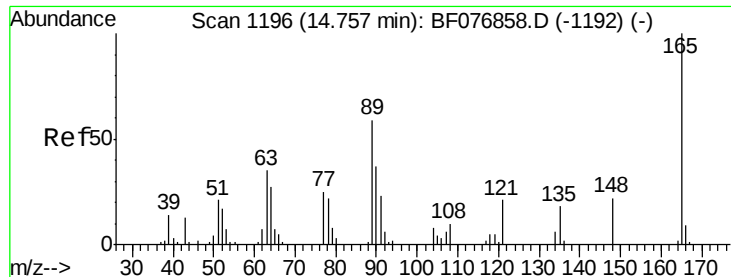


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

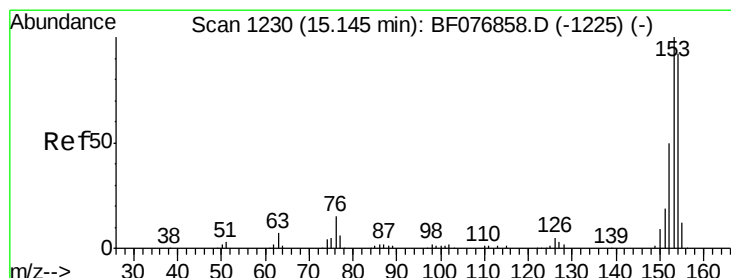
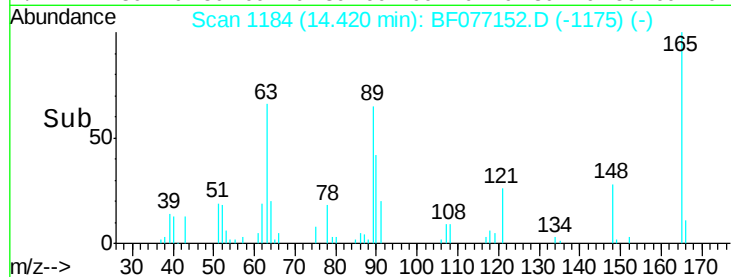
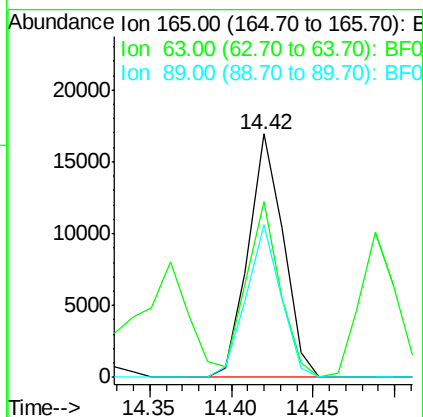
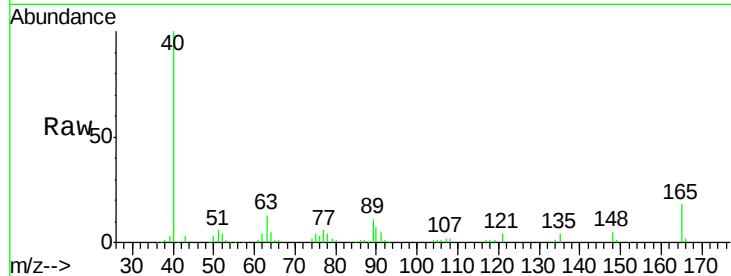




#50
 2,6-Dinitrotoluene
 Concen: 28.54 ng
 RT: 14.42 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

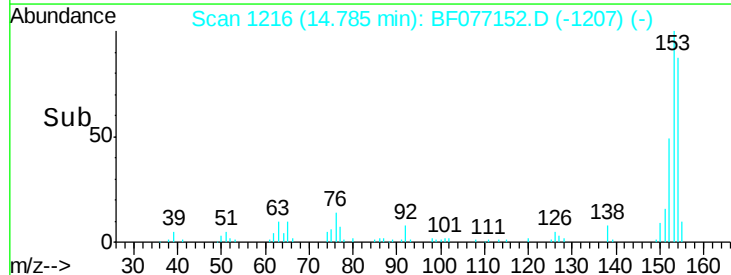
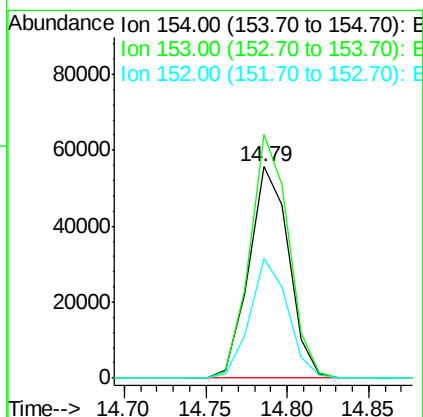
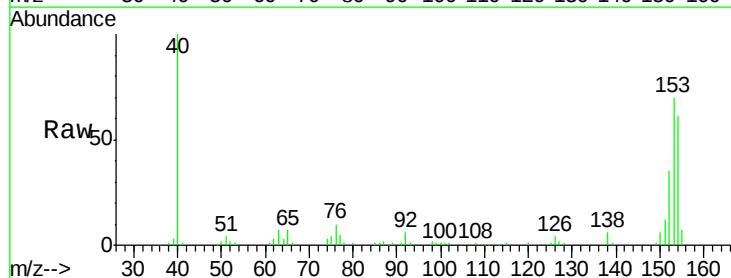
Instrument :
 BNA_F
 ClientSampled :

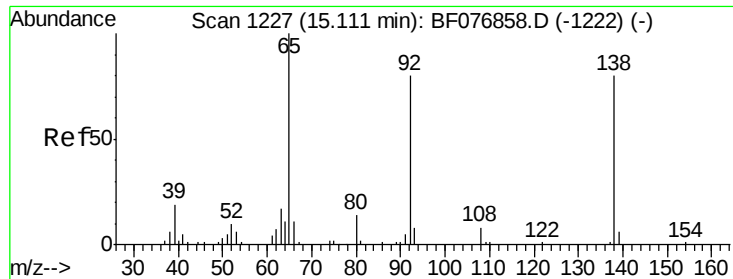
Tot Ion:165 Resp: 25367
 Ion Ratio Lower Upper
 165 100
 63 72.1 48.1 72.1
 89 62.6 47.2 70.8



#51
 Acenaphthene
 Concen: 25.68 ng
 RT: 14.79 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion:154 Resp: 94042
 Ion Ratio Lower Upper
 154 100
 153 115.1 87.0 130.6
 152 56.7 43.5 65.3

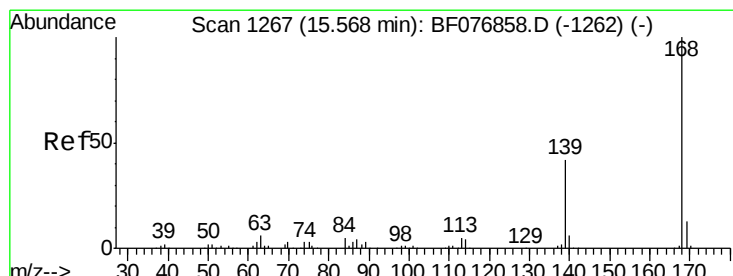
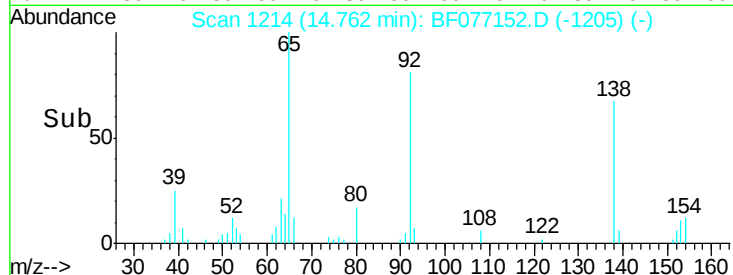
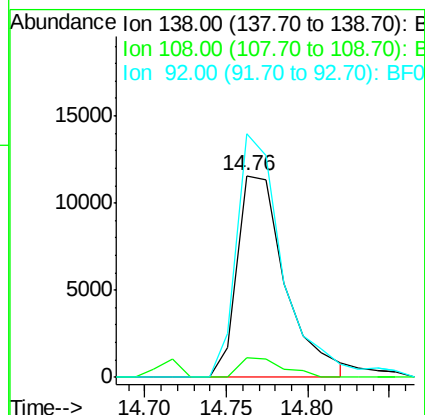
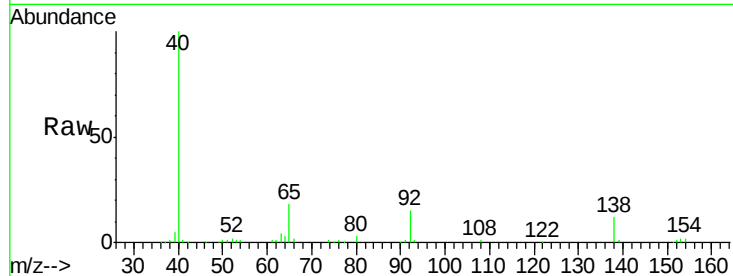




#52
3-Nitroaniline
Concen: 21.46 ng
RT: 14.76 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

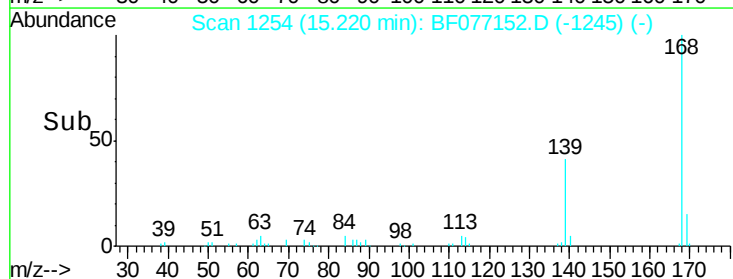
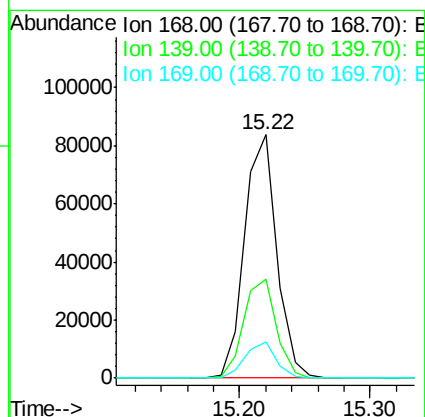
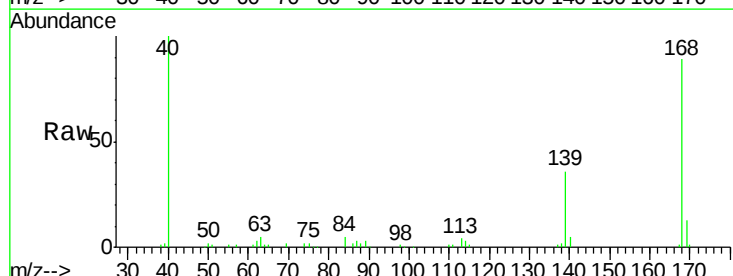
Instrument :
BNA_F
ClientSampleId :

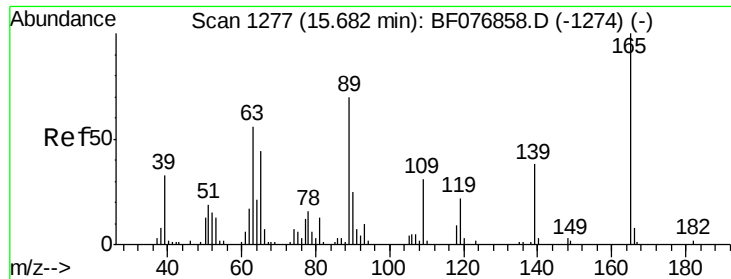
Tot Ion:138 Resp: 23700
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 120.8 80.9 121.3



#54
Dibenzofuran
Concen: 26.97 ng
RT: 15.22 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:168 Resp: 143882
Ion Ratio Lower Upper
168 100
139 40.8 33.4 50.2
169 14.8 10.6 15.8

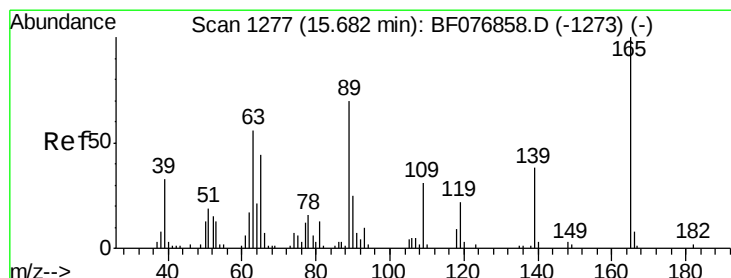
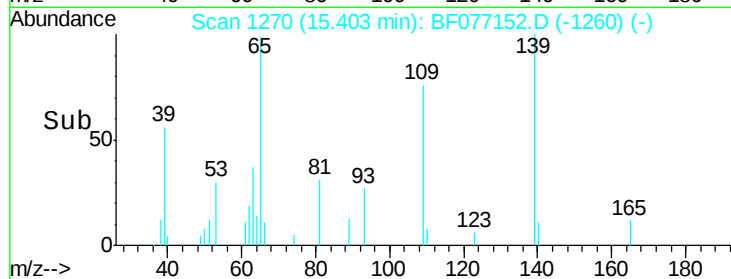
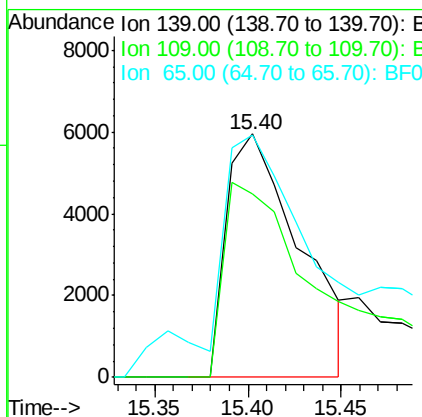
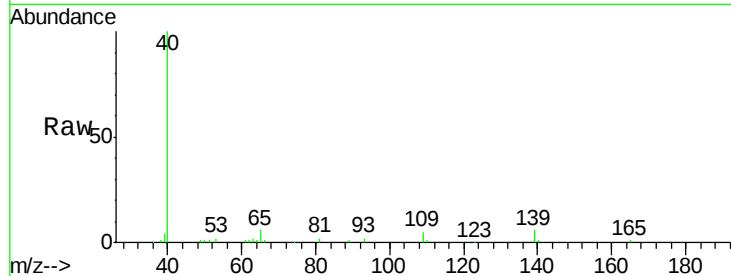




#55
4-Nitrophenol
Concen: 23.43 ng
RT: 15.40 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

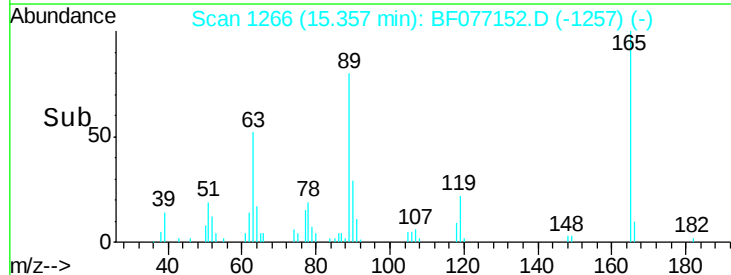
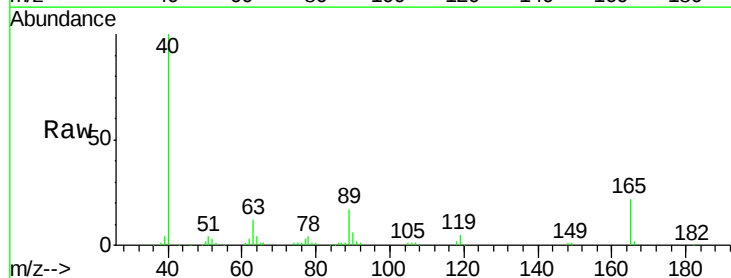
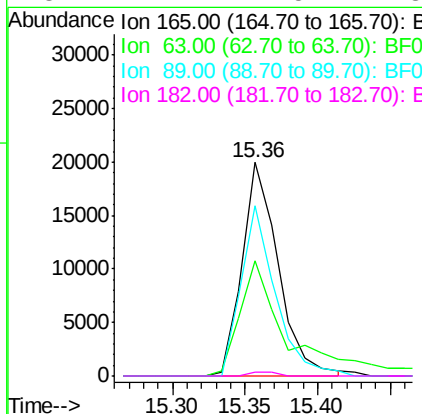
Instrument :
BNA_F
ClientSampleId :

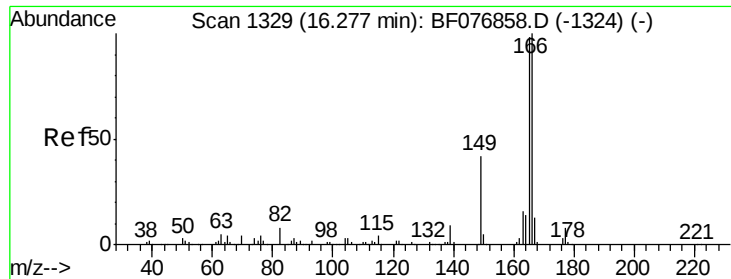
Tot Ion:139 Resp: 16334
Ion Ratio Lower Upper
139 100
109 75.6 61.0 101.0
65 99.3 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 26.86 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:165 Resp: 34495
Ion Ratio Lower Upper
165 100
63 54.0 44.8 67.2
89 79.9 56.2 84.2
182 2.1 1.5 2.3

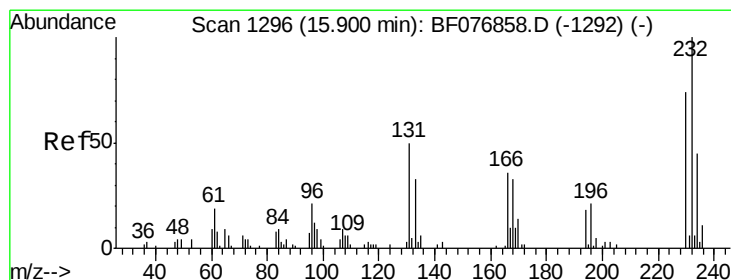
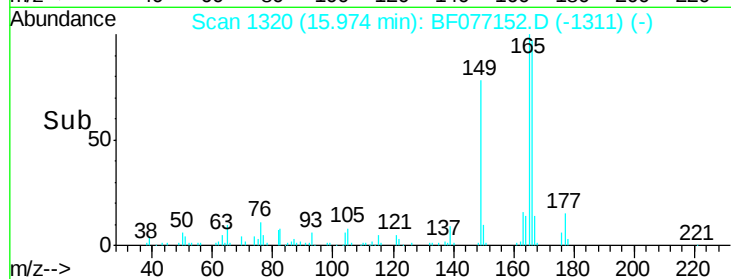
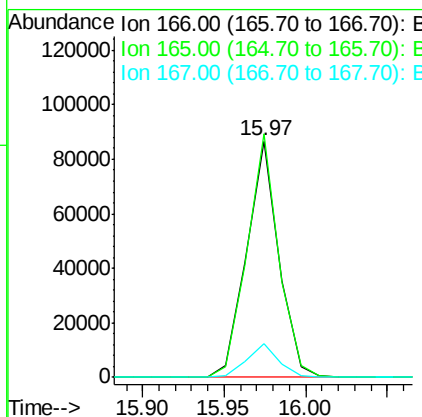
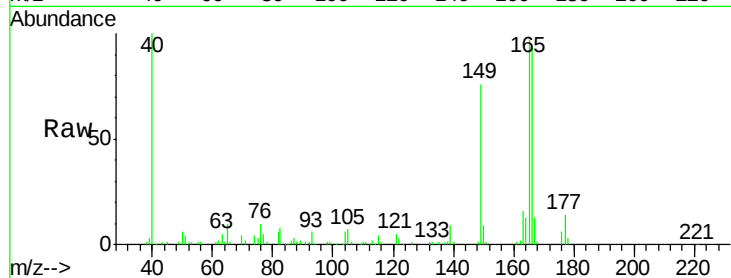




#57
 Fluorene
 Concen: 26.27 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

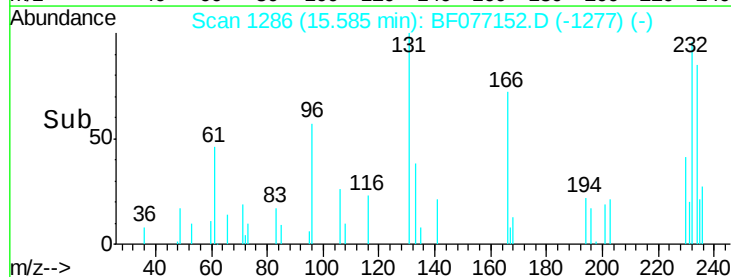
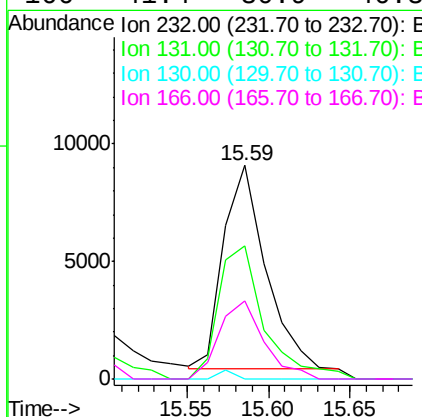
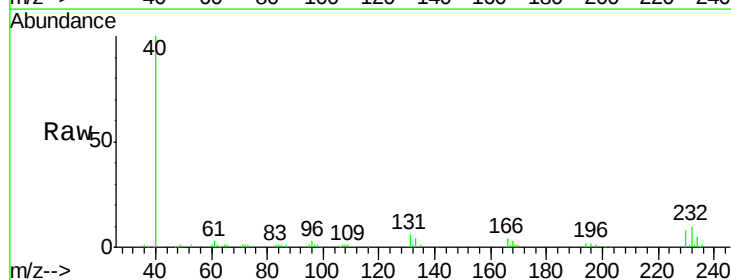
Instrument :
 BNA_F
 ClientSampleId :

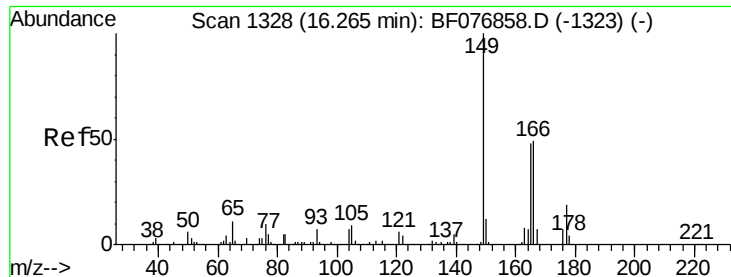
Tot Ion:166 Resp: 118731
 Ion Ratio Lower Upper
 166 100
 165 102.9 78.5 117.7
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 18.35 ng
 RT: 15.59 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion:232 Resp: 15394
 Ion Ratio Lower Upper
 232 100
 131 72.1 45.0 67.6#
 130 1.6 2.6 3.8#
 166 41.4 30.9 46.3

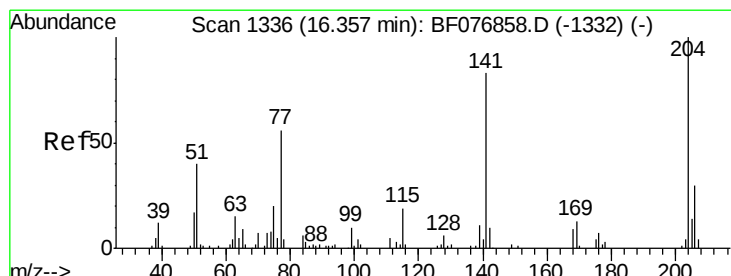
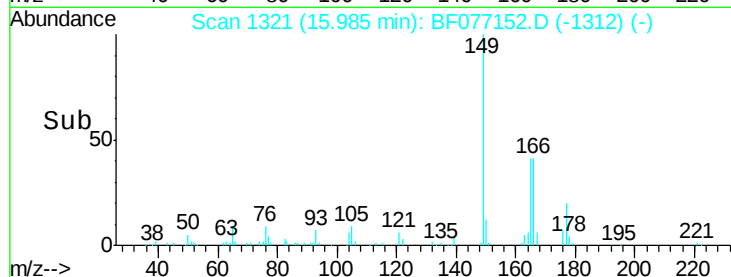
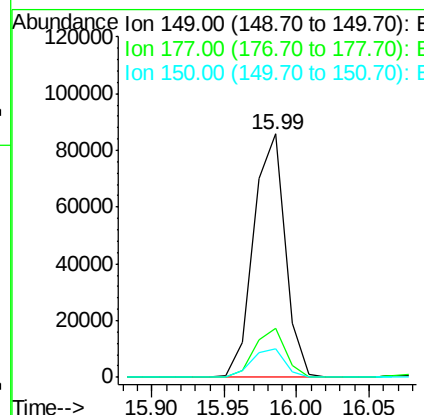
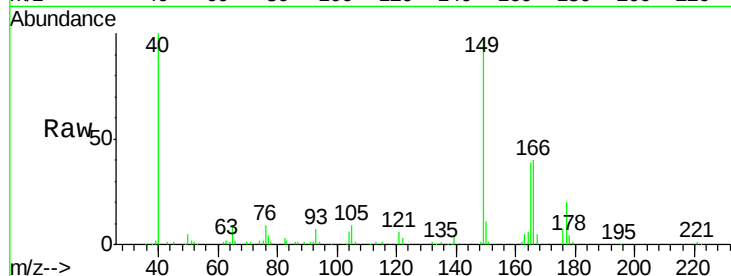




#59
Diethylphthalate
Concen: 28.79 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

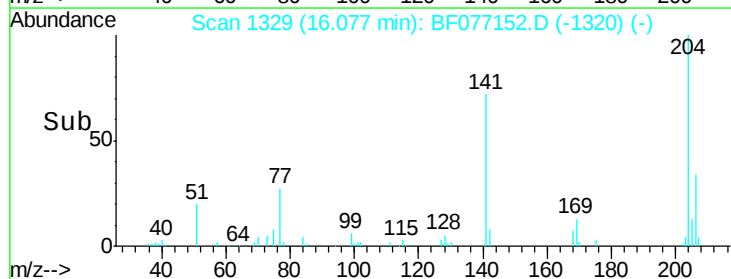
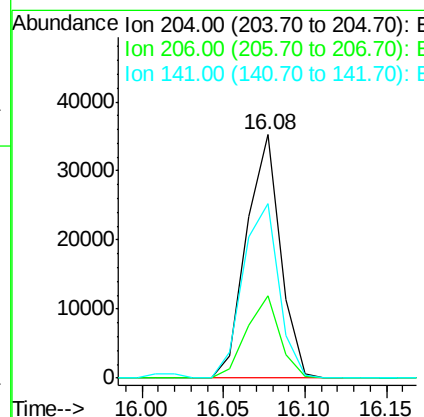
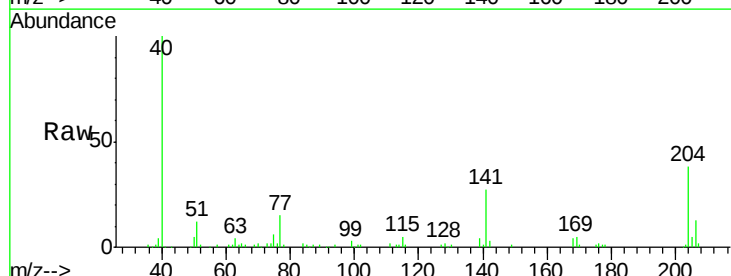
Instrument :
BNA_F
ClientSampleId :

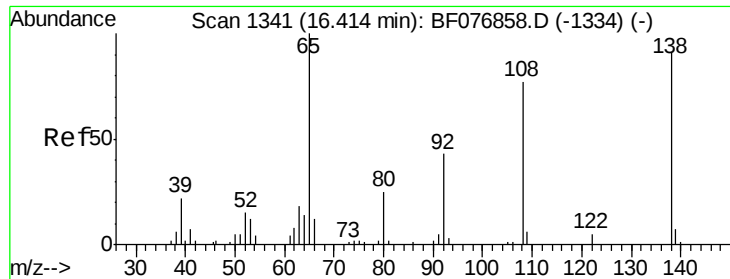
Tot Ion:149 Resp: 129414
Ion Ratio Lower Upper
149 100
177 20.2 15.0 22.6
150 11.7 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 27.47 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:204 Resp: 50799
Ion Ratio Lower Upper
204 100
206 34.0 24.2 36.2
141 71.9 66.7 100.1

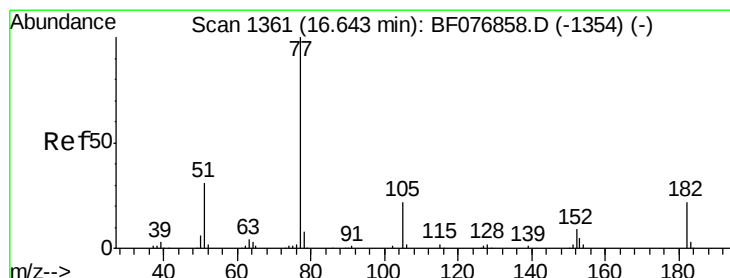
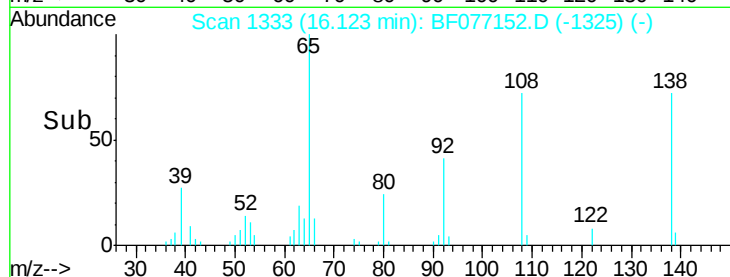
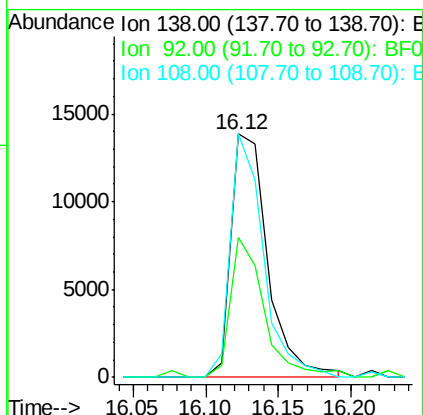
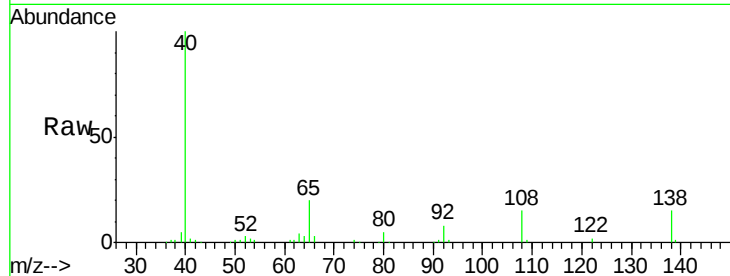




#61
4-Nitroaniline
Concen: 22.59 ng
RT: 16.12 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

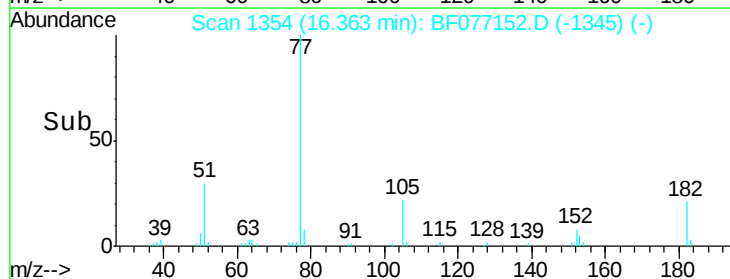
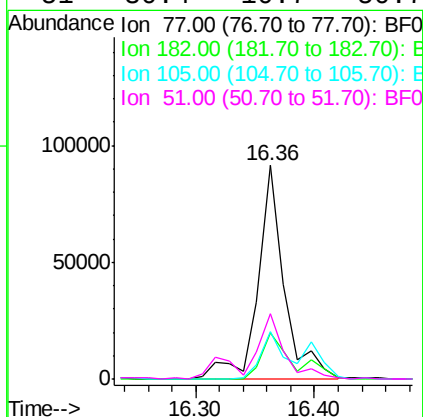
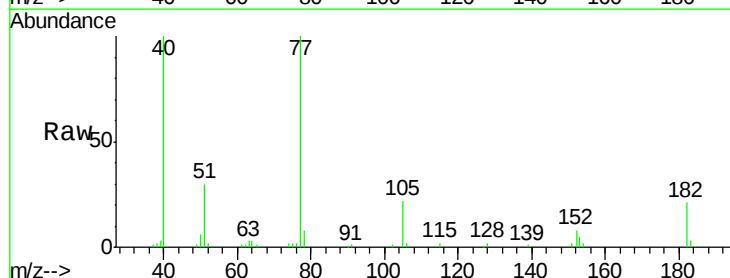
Instrument :
BNA_F
ClientSampleId :

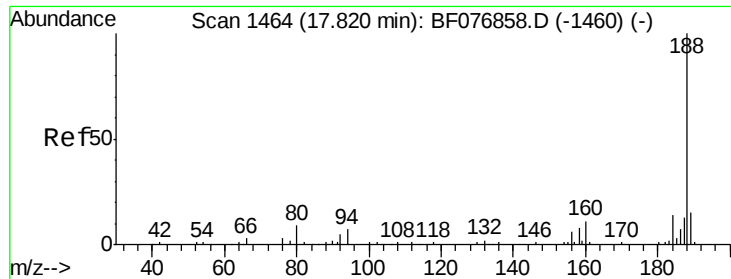
Tot Ion:138 Resp: 24438
Ion Ratio Lower Upper
138 100
92 57.2 26.7 66.7
108 100.0 64.5 104.5



#62
Azobenzene
Concen: 30.50 ng
RT: 16.36 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion: 77 Resp: 142842
Ion Ratio Lower Upper
77 100
182 21.3 2.0 42.0
105 22.4 2.3 42.3
51 30.4 10.7 50.7

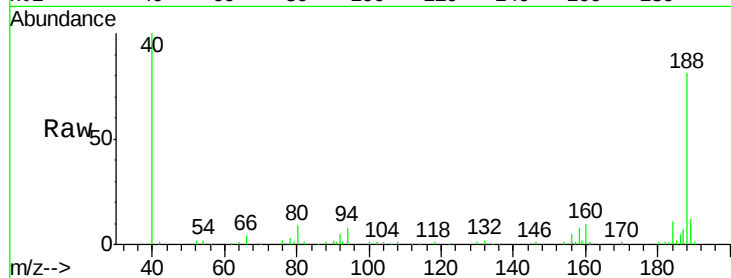




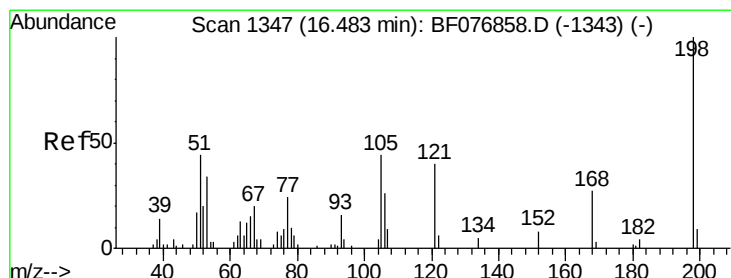
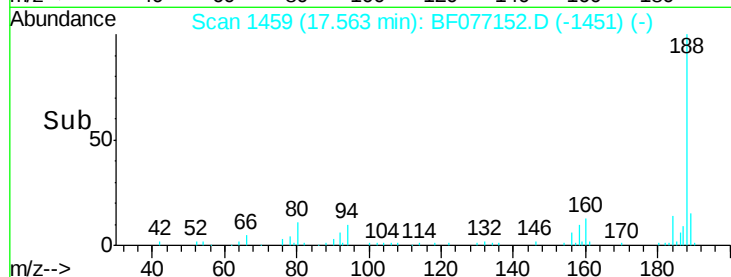
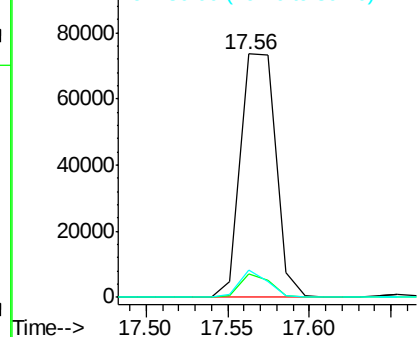
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 109444
Ion Ratio Lower Upper
188 100
94 9.8 6.0 9.0#
80 11.1 6.9 10.3#

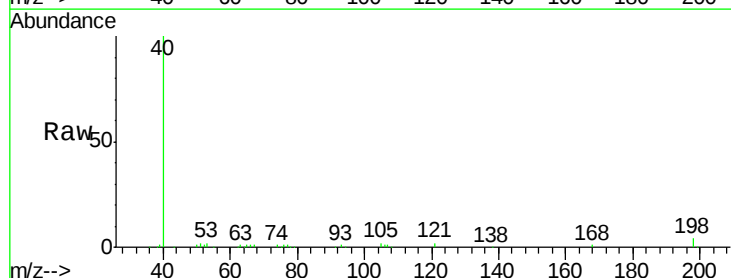


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

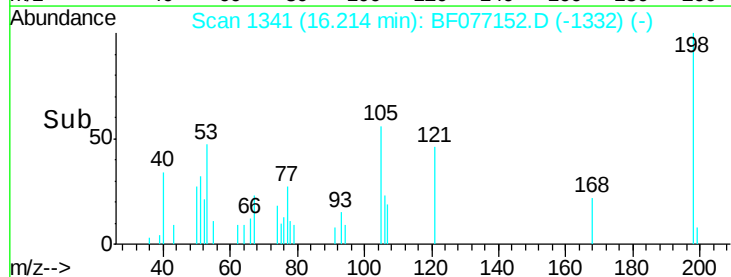
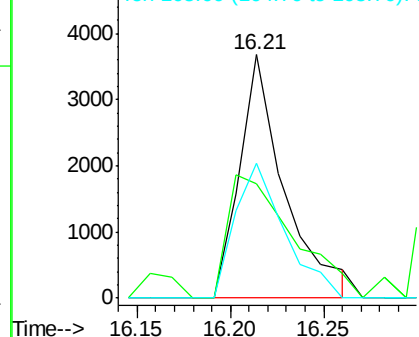


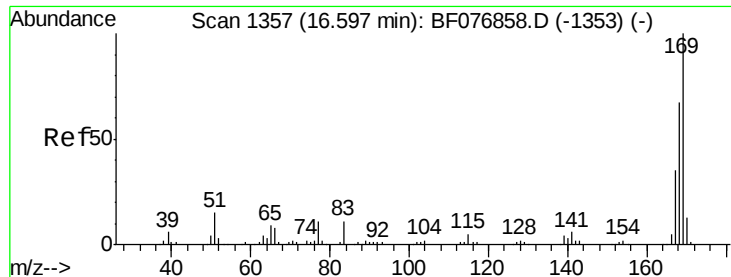
#64
4,6-Dinitro-2-methylphenol
Concen: 11.49 ng
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:198 Resp: 6184
Ion Ratio Lower Upper
198 100
51 47.0 24.2 64.2
105 55.6 24.0 64.0



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

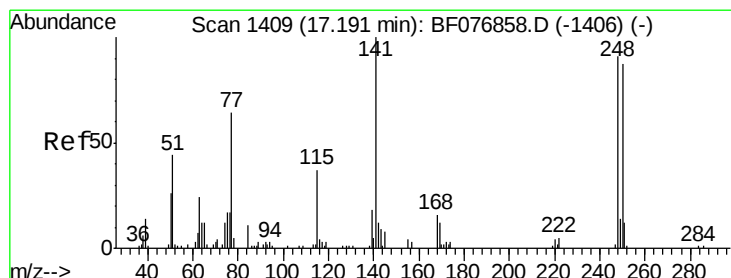
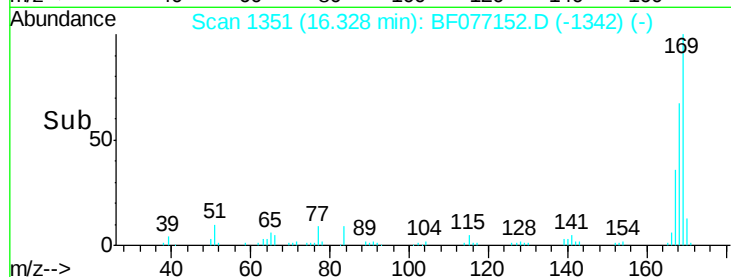
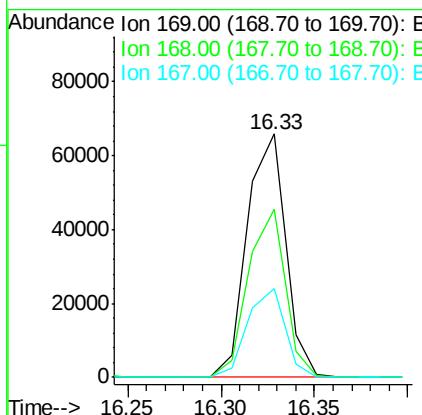
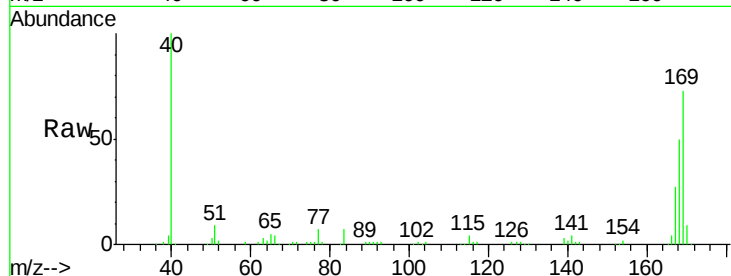




#65
n-Nitrosodiphenylamine
Concen: 24.14 ng
RT: 16.33 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

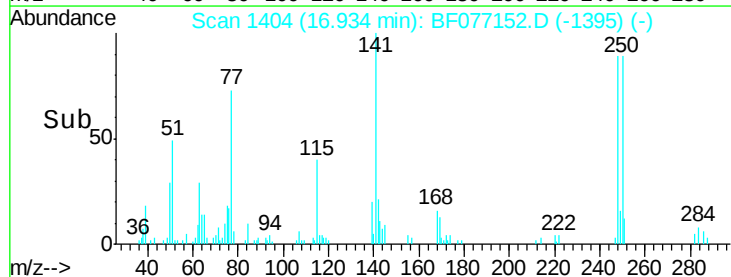
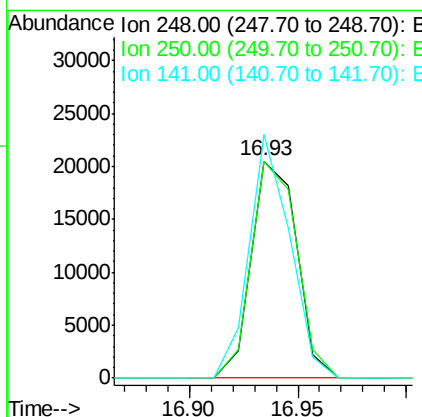
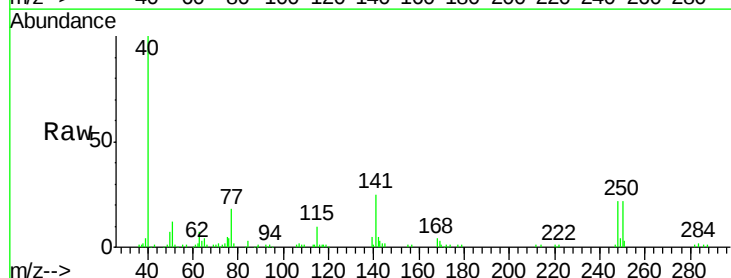
Instrument :
BNA_F
ClientSampleId :

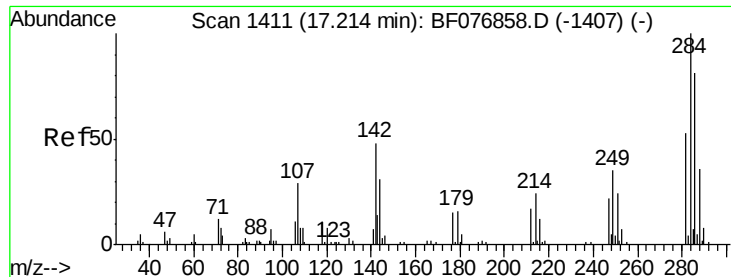
Tot Ion:169 Resp: 94222
Ion Ratio Lower Upper
169 100
168 68.9 53.8 80.6
167 36.5 27.8 41.6



#66
4-Bromophenyl-phenylether
Concen: 26.94 ng
RT: 16.93 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:248 Resp: 29876
Ion Ratio Lower Upper
248 100
250 99.8 77.1 115.7
141 112.3 88.2 132.4





#67

Hexachlorobenzene

Concen: 25.20 ng

RT: 16.96 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

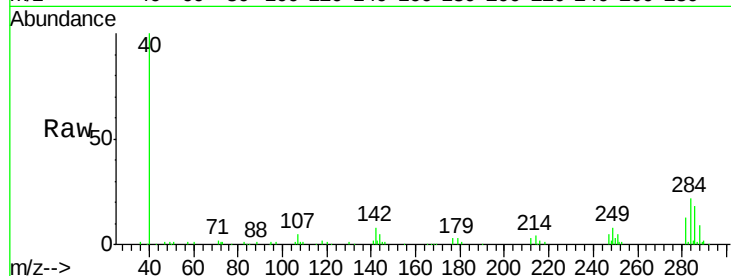
Tot Ion:284 Resp: 29451

Ion Ratio Lower Upper

284 100

142 36.2 38.2 57.4#

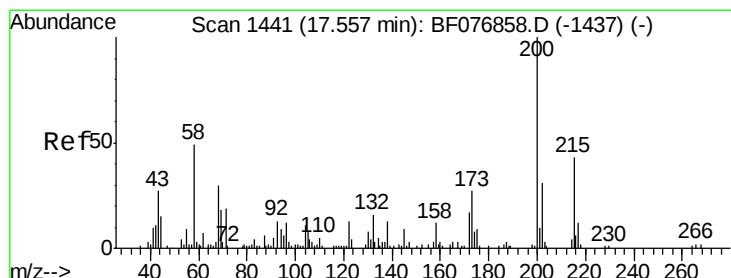
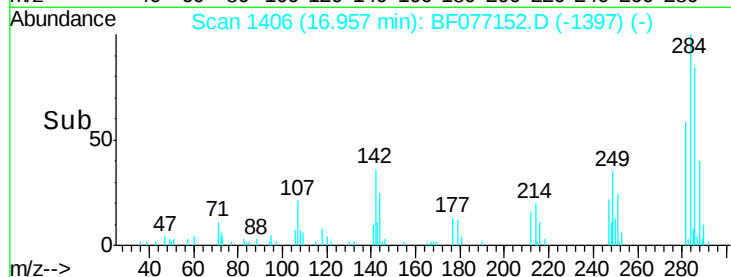
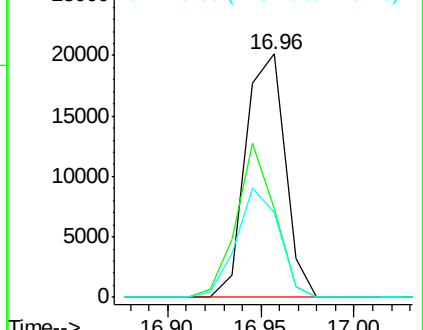
249 34.6 28.2 42.2



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: 28.77 ng

RT: 17.32 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

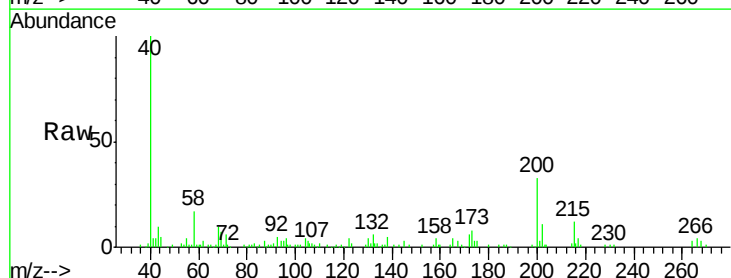
Tgt Ion:200 Resp: 34072

Ion Ratio Lower Upper

200 100

173 25.0 6.6 46.6

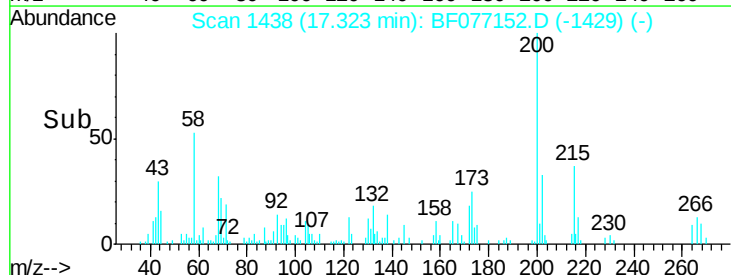
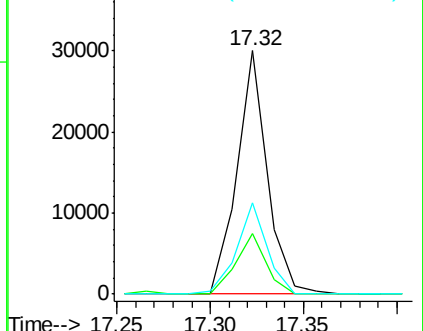
215 37.4 22.9 62.9

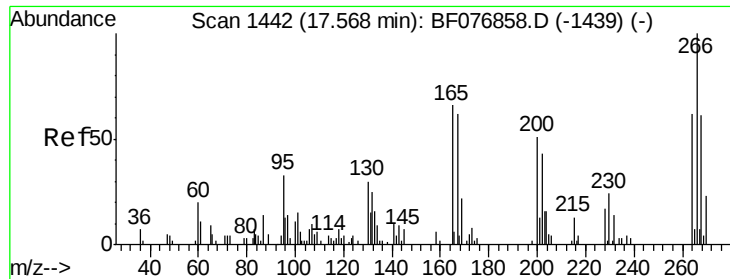


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

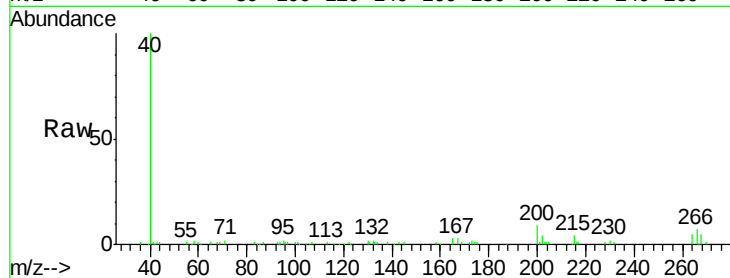




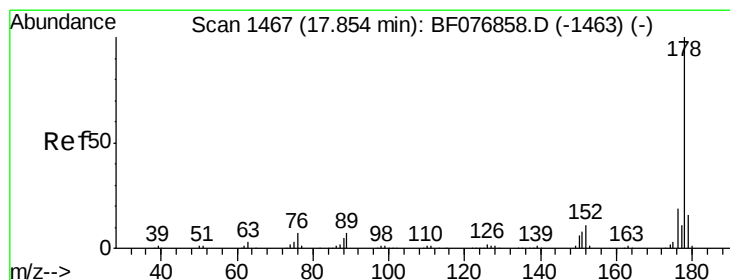
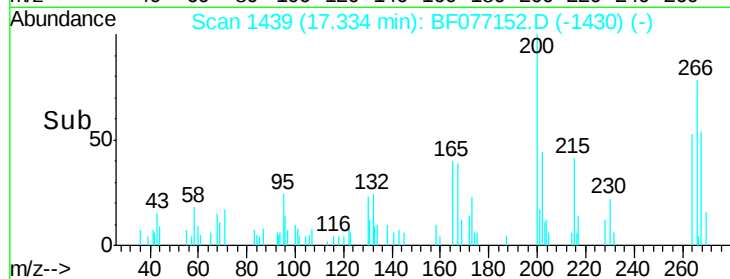
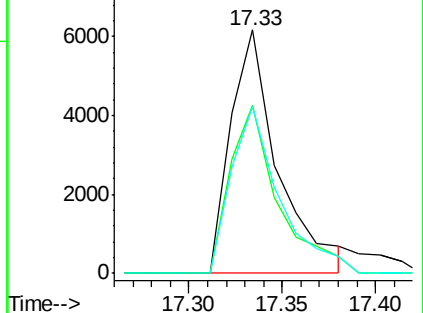
#69
 Pentachlorophenol
 Concen: 25.56 ng
 RT: 17.33 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 10940
 Ion Ratio Lower Upper
 266 100
 268 69.1 48.6 72.8
 264 68.4 49.5 74.3

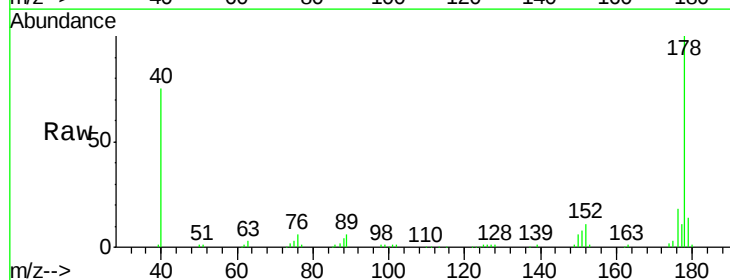


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

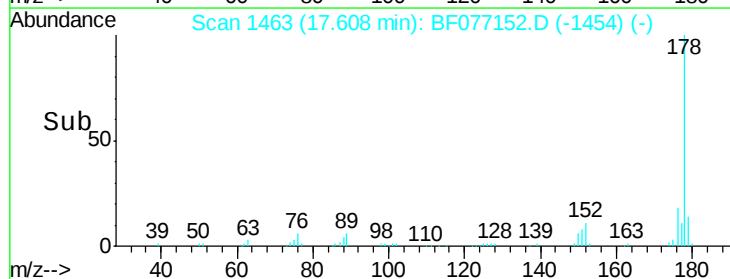
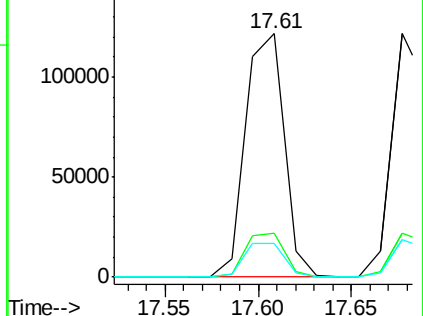


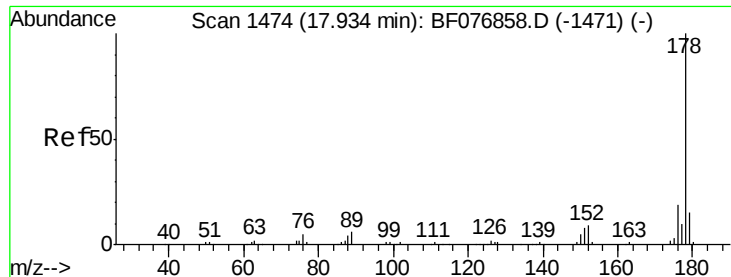
#70
 Phenanthrene
 Concen: 25.63 ng
 RT: 17.61 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion:178 Resp: 174924
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.1 22.7
 179 13.9 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

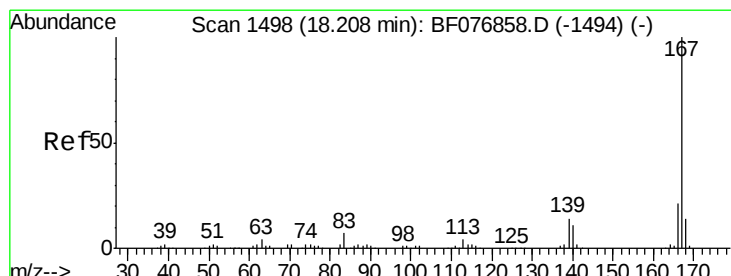
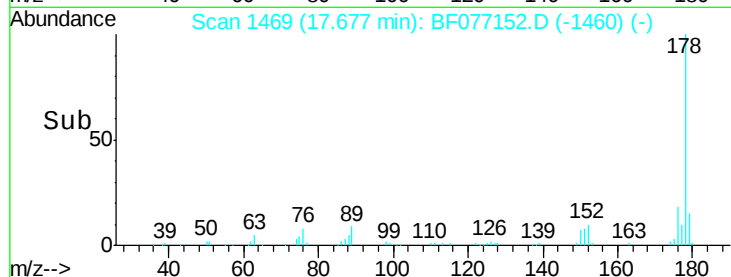
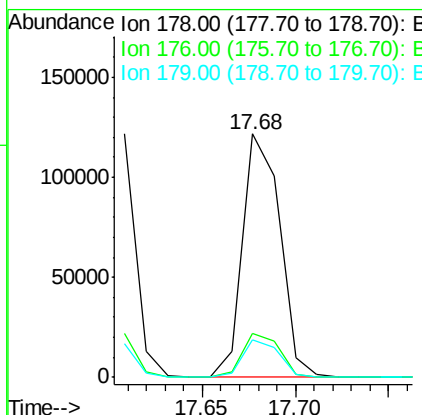
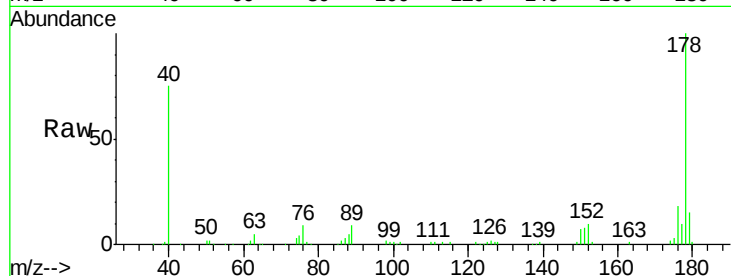




#71
 Anthracene
 Concen: 25.47 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

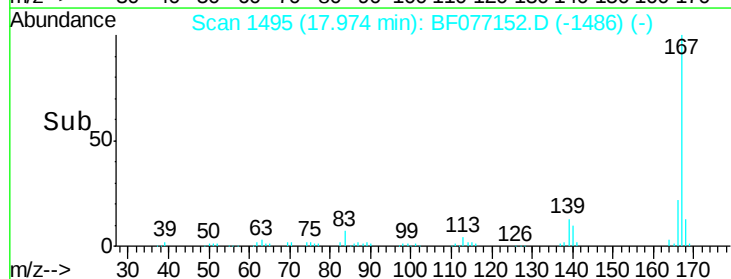
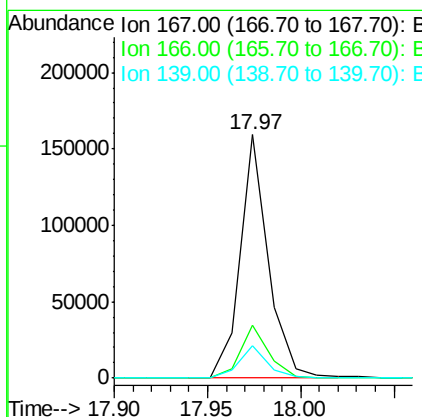
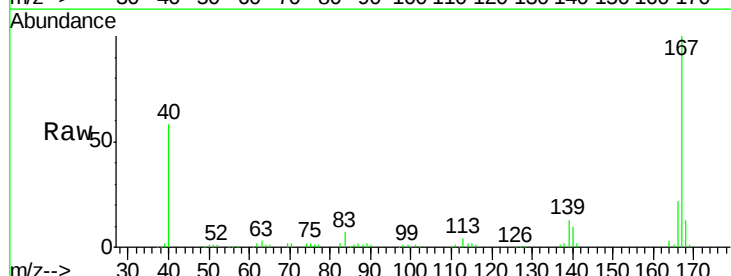
Instrument :
 BNA_F
 ClientSampleId :

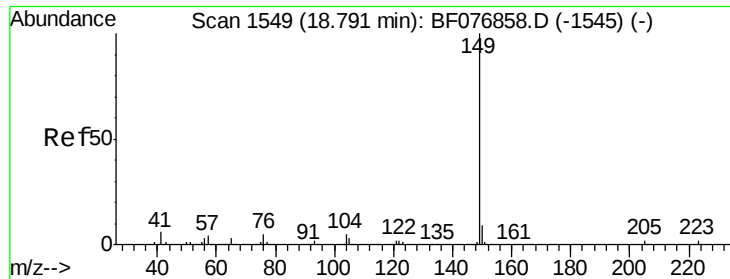
Tot Ion:178 Resp: 169509
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.0
 179 15.3 11.9 17.9



#72
 Carbazole
 Concen: 26.02 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion:167 Resp: 167968
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.5 11.3 16.9





#73

Di-n-butylphthalate

Concen: 29.01 ng

RT: 18.58 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

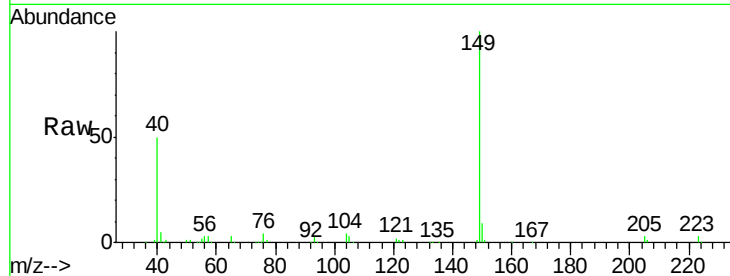
Tot Ion:149 Resp: 216747

Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

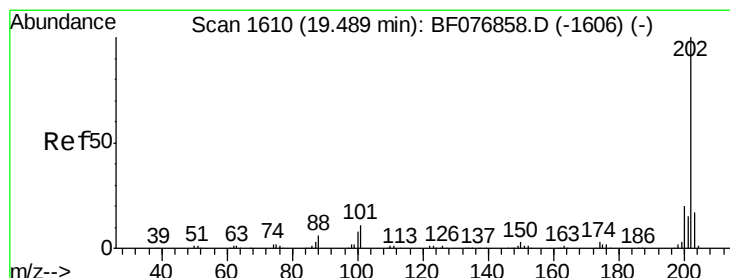
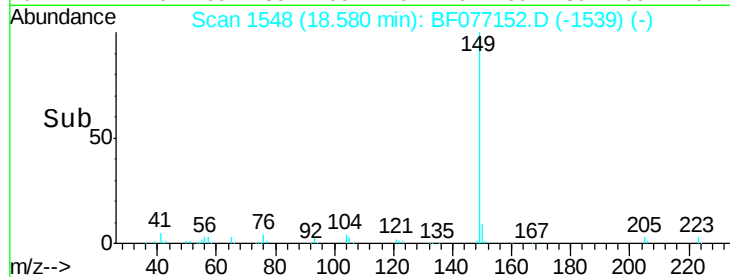
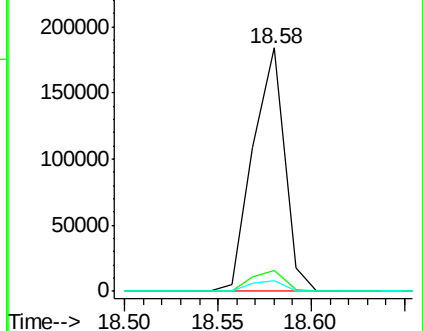
104 4.3 3.7 5.5



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: 26.34 ng

RT: 19.25 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

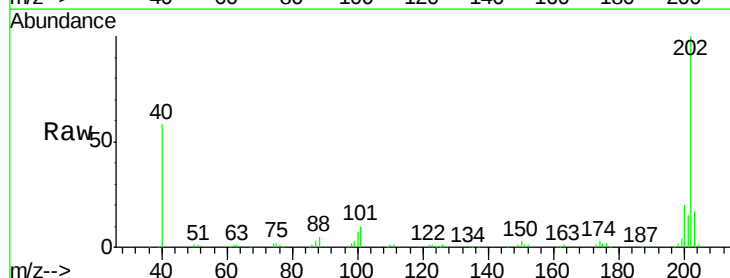
Tgt Ion:202 Resp: 184189

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.7

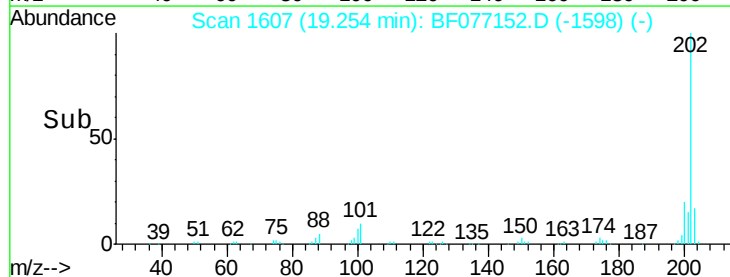
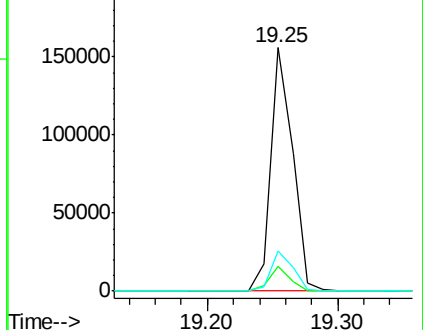
203 16.7 0.0 36.9

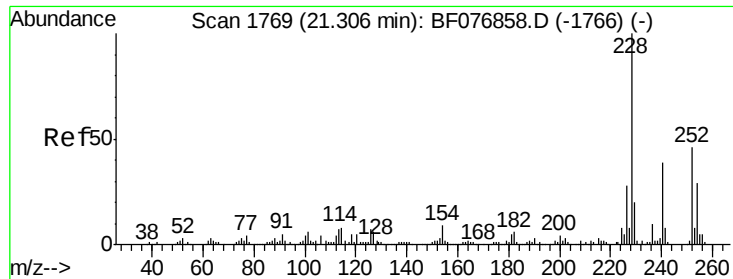


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

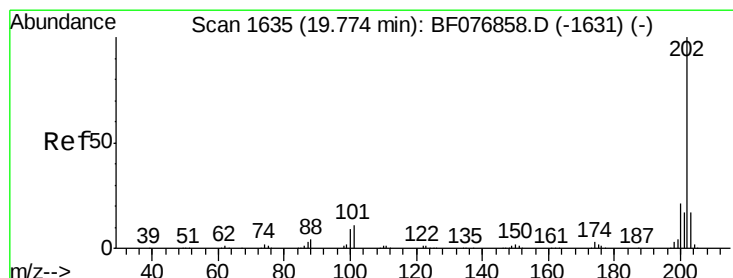
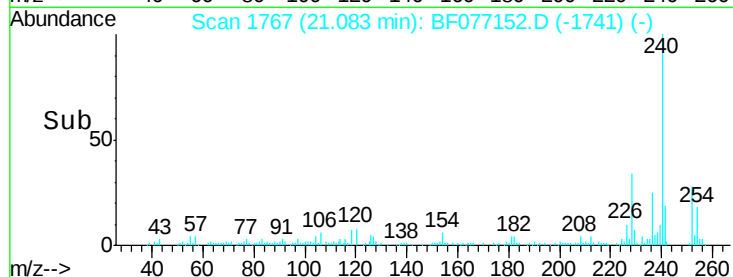
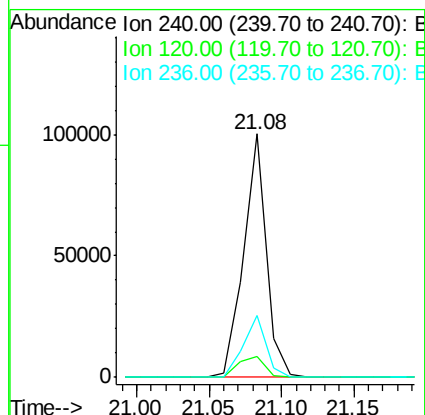
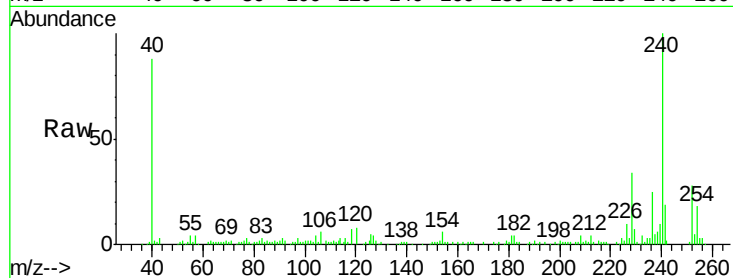




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

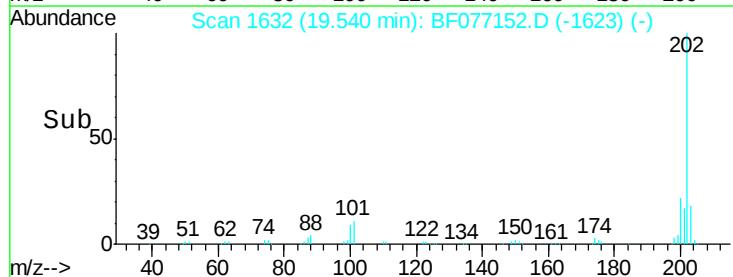
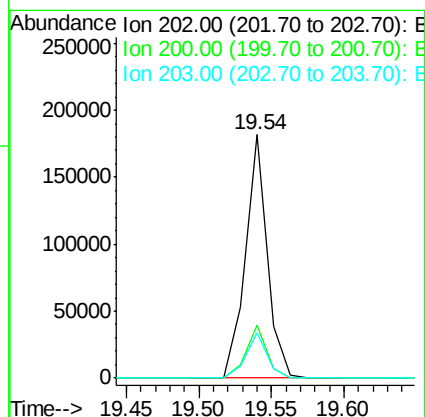
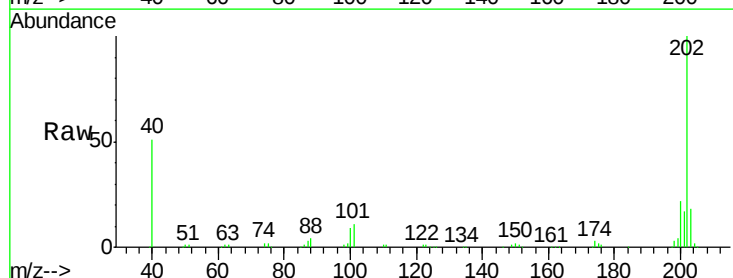
Instrument :
 BNA_F
 ClientSampleId :

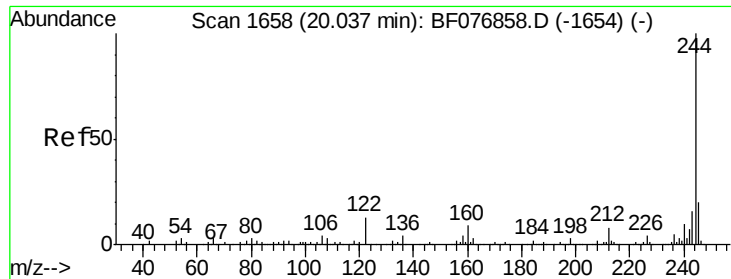
Tot Ion:240 Resp: 108601
 Ion Ratio Lower Upper
 240 100
 120 8.3 10.4 15.6#
 236 25.4 20.2 30.2



#77
 Pyrene
 Concen: 25.56 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion:202 Resp: 190243
 Ion Ratio Lower Upper
 202 100
 200 21.8 16.7 25.1
 203 18.4 14.0 21.0





#78

Terphenyl-d14

Concen: 53.69 ng

RT: 19.81 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

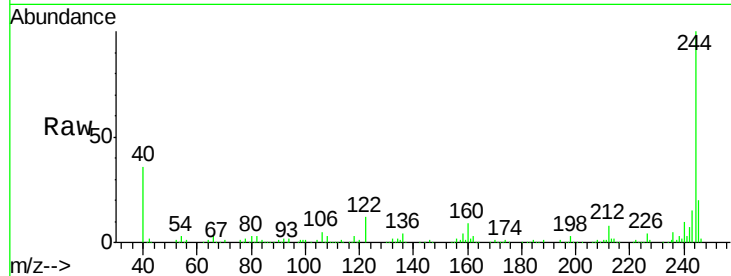
Tot Ion:244 Resp: 253255

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

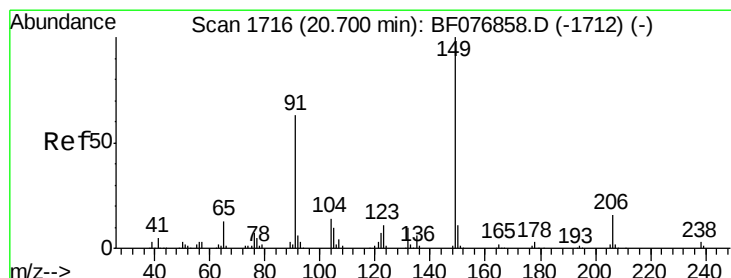
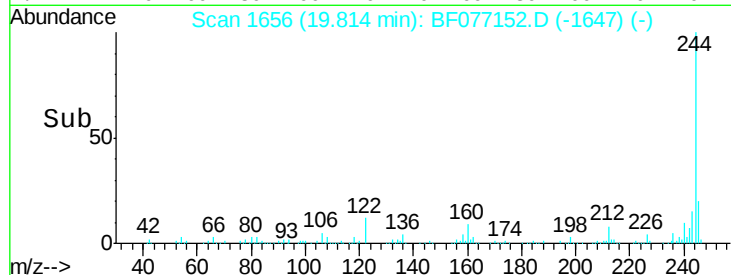
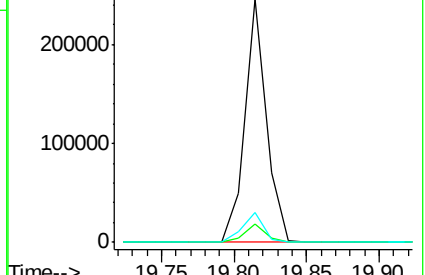
122 12.4 10.1 15.1



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: 29.26 ng

RT: 20.48 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

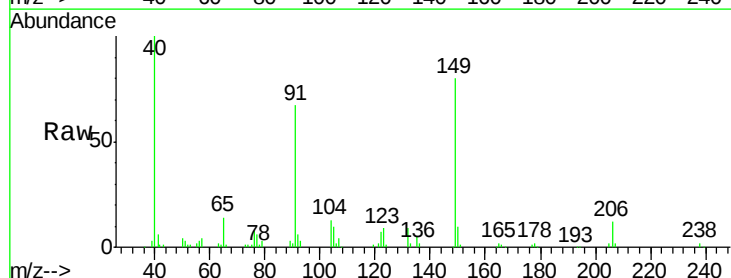
Tgt Ion:149 Resp: 98628

Ion Ratio Lower Upper

149 100

91 83.3 50.6 76.0#

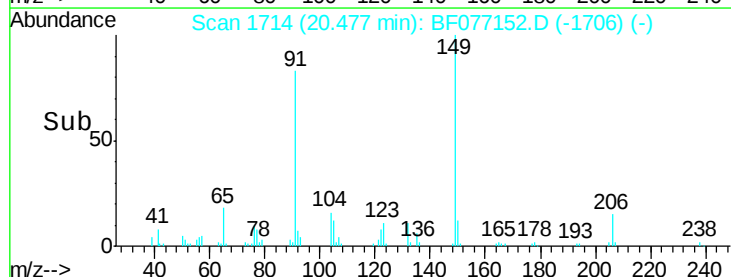
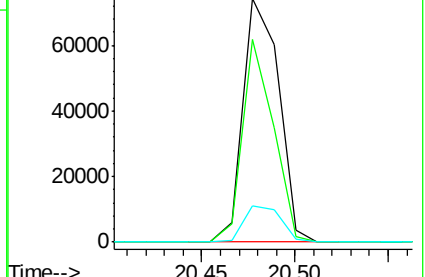
206 14.8 12.8 19.2

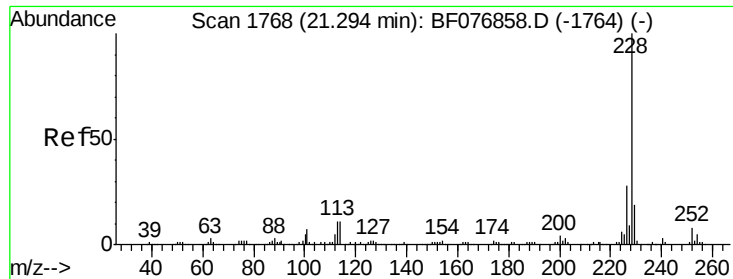


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

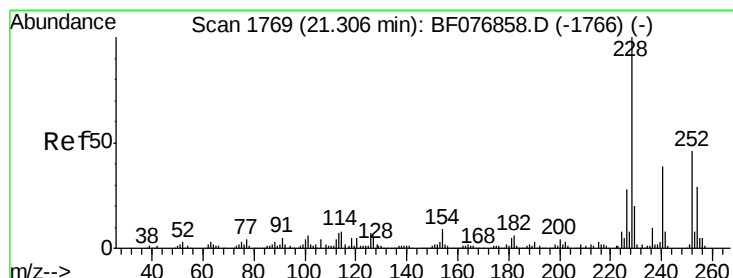
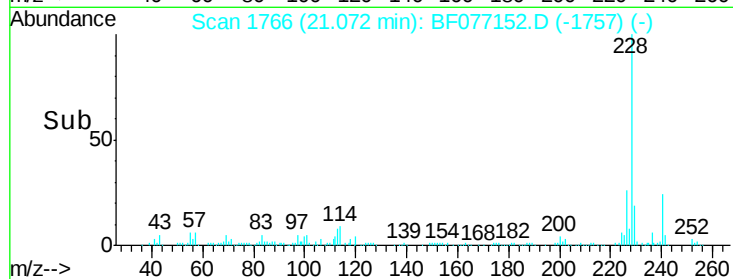
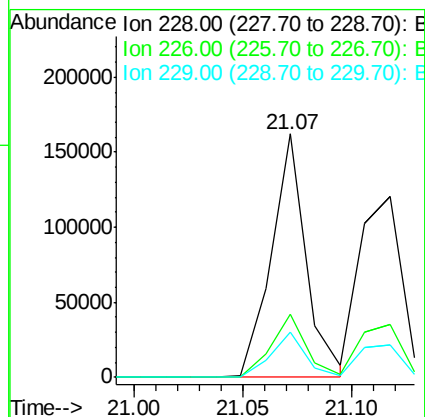
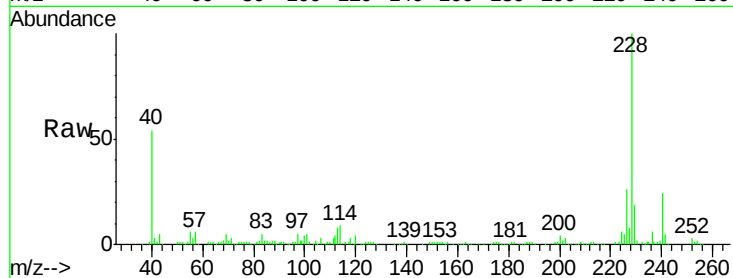




#80
Benzo(a)anthracene
Concen: 26.65 ng
RT: 21.07 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

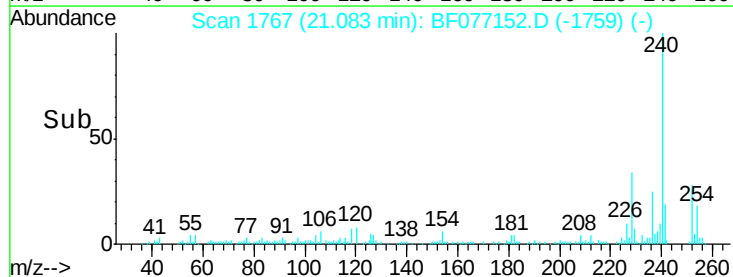
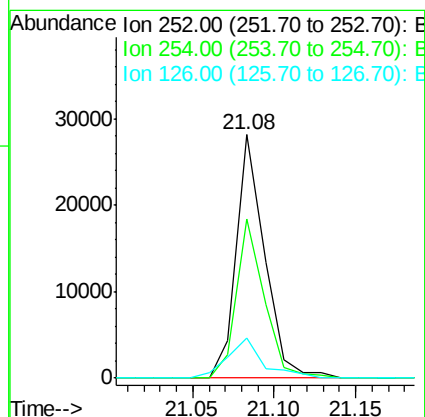
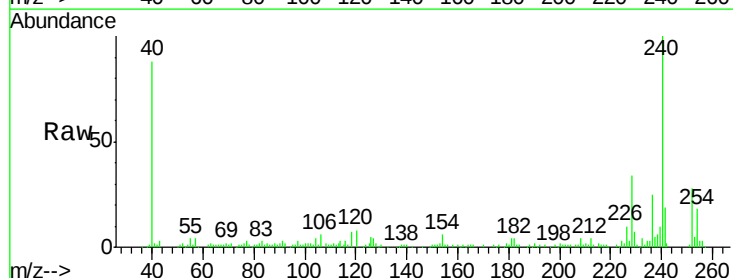
Instrument :
BNA_F
ClientSampleId :

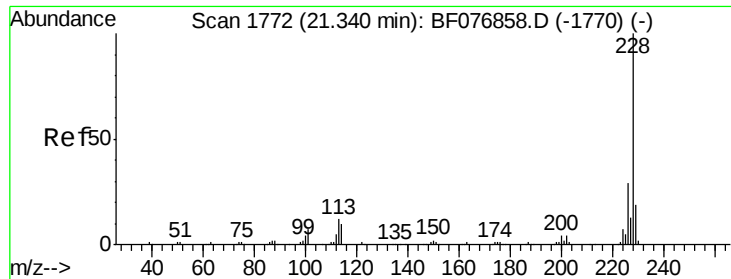
Tot Ion:228 Resp: 181563
Ion Ratio Lower Upper
228 100
226 26.0 22.1 33.1
229 18.8 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 15.62 ng
RT: 21.08 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:252 Resp: 33821
Ion Ratio Lower Upper
252 100
254 65.1 50.2 75.4
126 16.5 11.5 17.3





#82

Chrysene

Concen: 29.22 ng

RT: 21.07 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

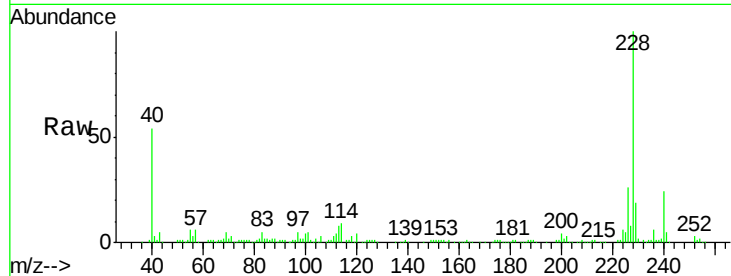
Tot Ion:228 Resp: 181563

Ion Ratio Lower Upper

228 100

226 26.0 23.4 35.0

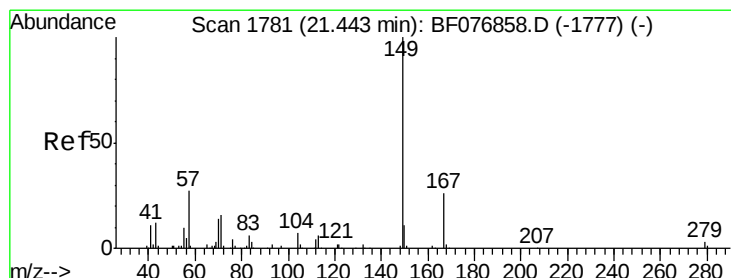
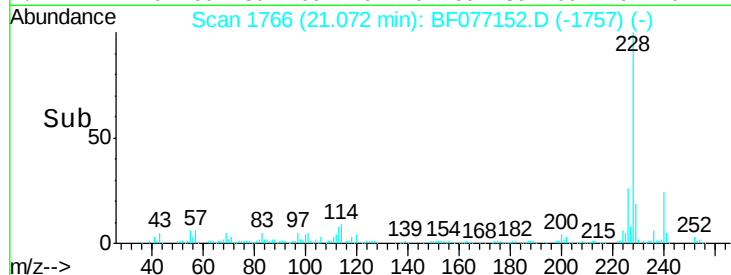
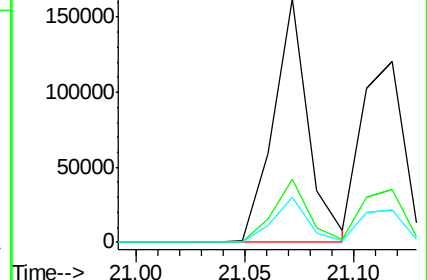
229 18.8 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.59 ng

RT: 21.23 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

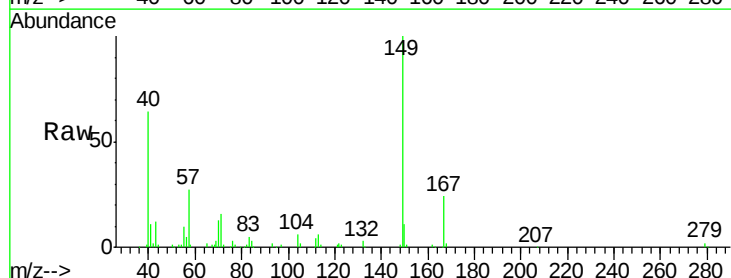
Tgt Ion:149 Resp: 152011

Ion Ratio Lower Upper

149 100

167 24.3 20.6 30.8

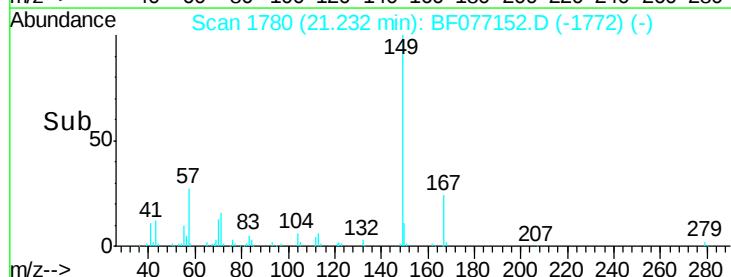
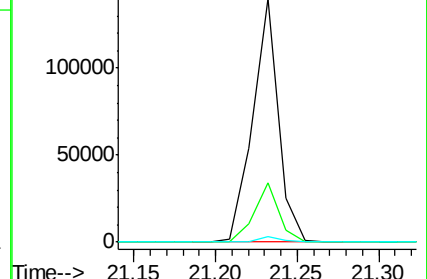
279 2.3 2.2 3.2

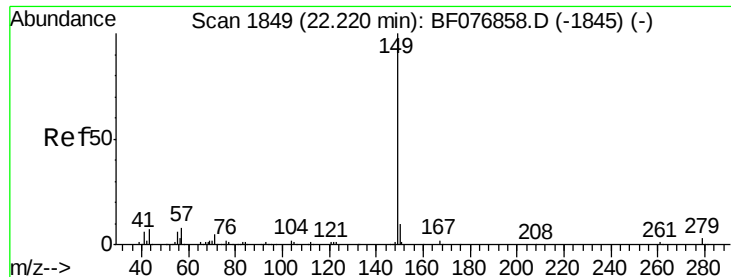


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

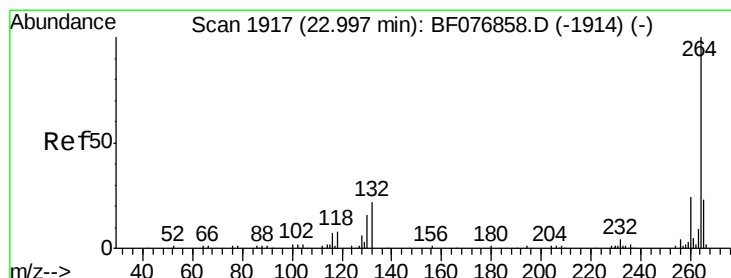
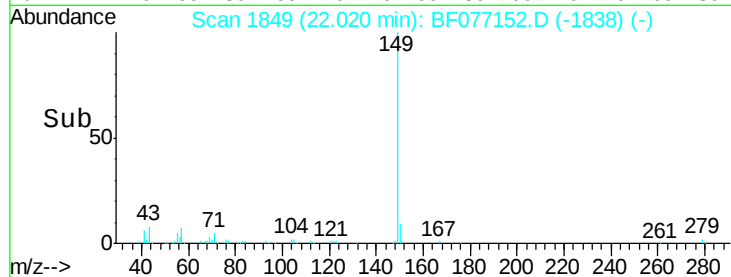
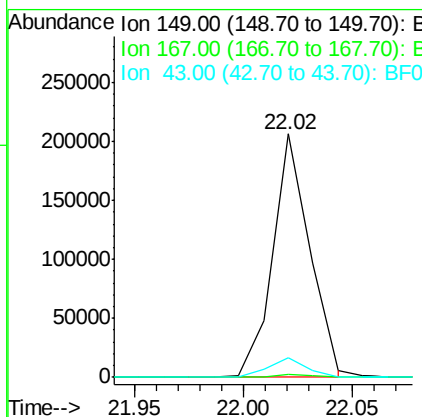
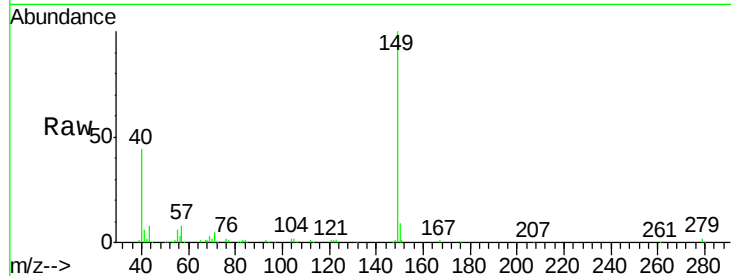




#84
Di-n-octyl phthalate
Concen: 30.43 ng
RT: 22.02 min Scan# 1849
Delta R.T. 0.03 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

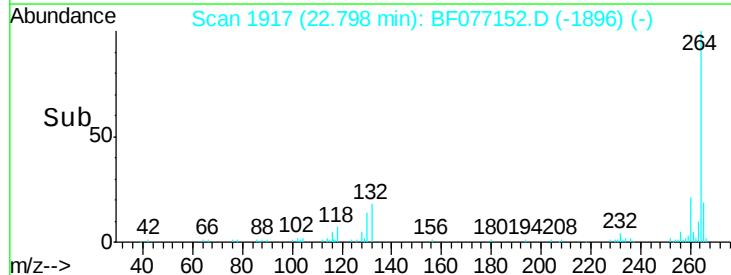
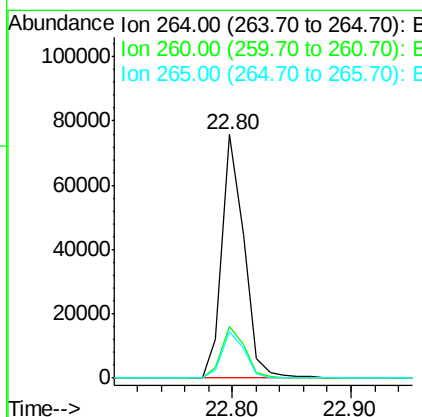
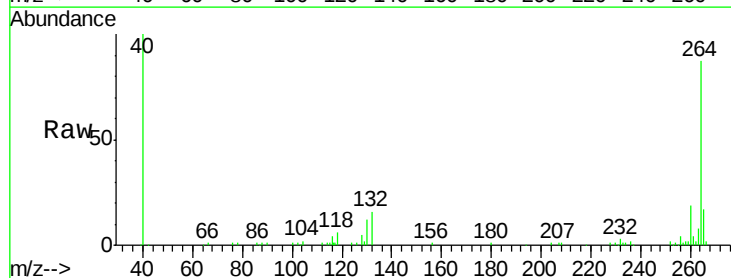
Instrument :
BNA_F
ClientSampleId :

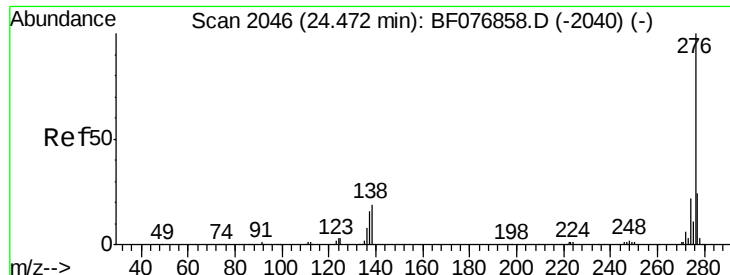
Tot Ion:149 Resp: 246290
Ion Ratio Lower Upper
149 100
167 1.3 1.1 1.7
43 8.7 6.6 10.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.80 min Scan# 1917
Delta R.T. -0.06 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:264 Resp: 97641
Ion Ratio Lower Upper
264 100
260 21.4 19.0 28.4
265 19.2 18.1 27.1





#91

Benzo(a,h,i)perylene

Concen: 28.73 ng

RT: 24.00 min Scan# 2022

Delta R.T. -0.12 min

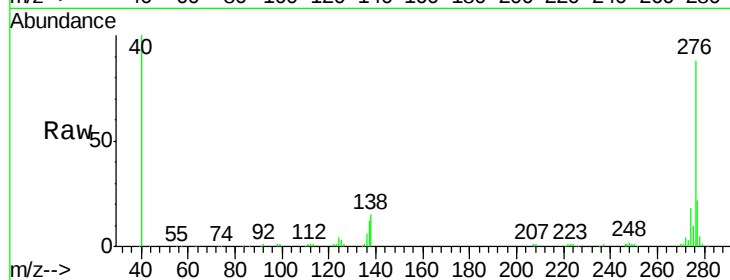
Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :



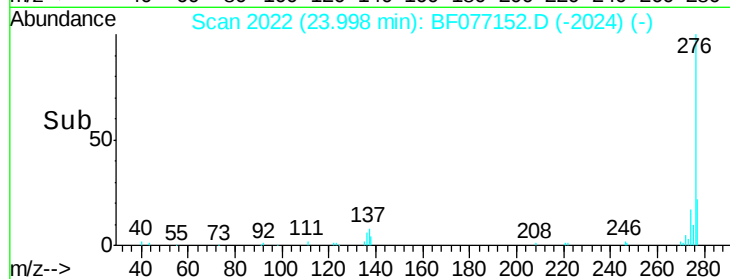
Tot Ion:276 Resp: 152009

Ion Ratio Lower Upper

276 100

277 24.6 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

100000

80000

60000

40000

20000

0

24.00

24.10

Time-->