

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 :
 SANDMSD

Quant Time: Jan 31 02:43:32 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						
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						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	24490m	21.25	ng	
45) 1,1'-Biphenyl	13.45	154	128146	27.56	ng	96

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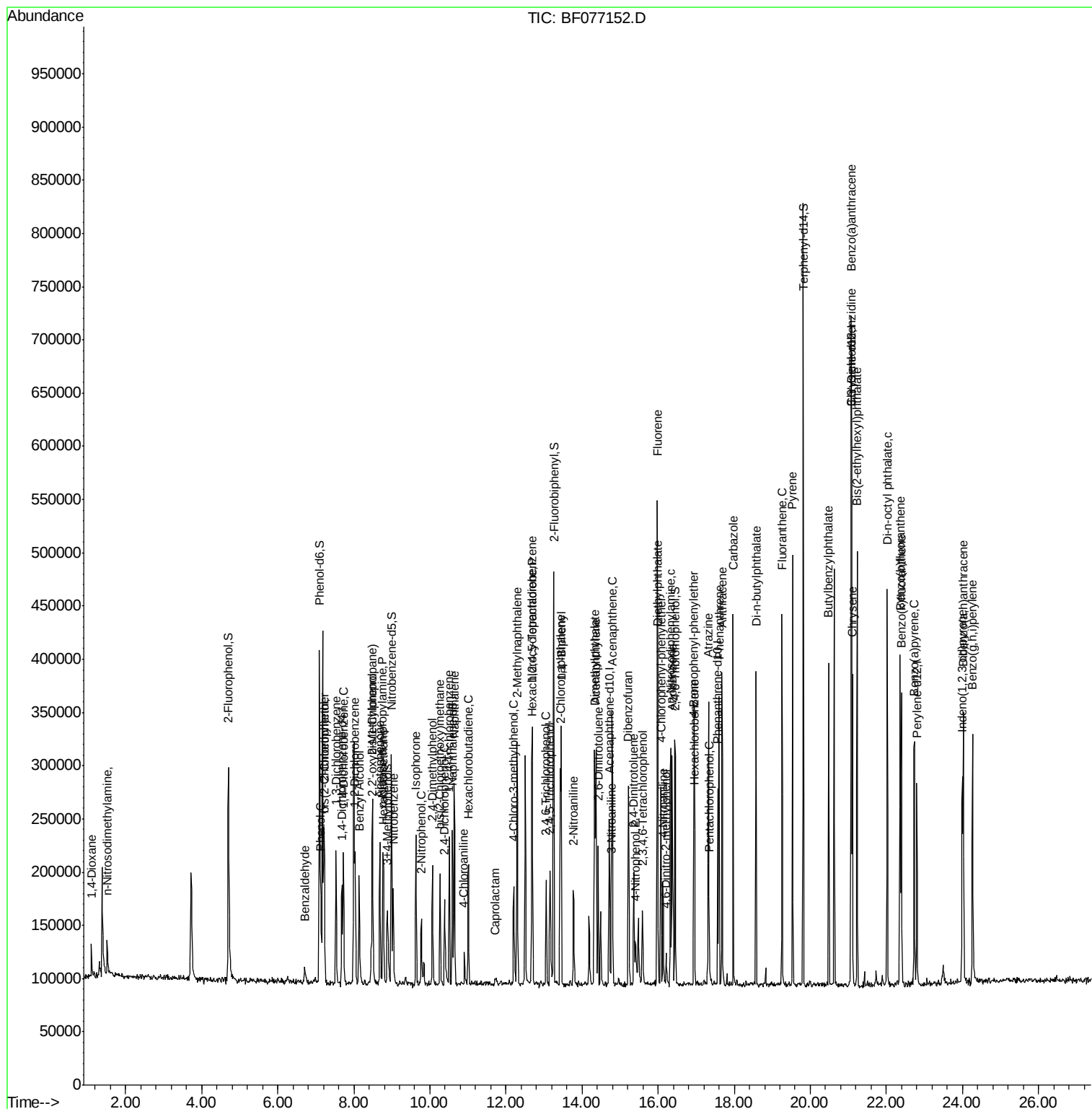
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.43	162	100783	26.34	ng	97
47) 2-Nitroaniline	13.77	65	30078	25.91	ng	95
48) Acenaphthylene	14.36	152	164029	25.41	ng	99
49) Dimethylphthalate	14.33	163	138535	31.14	ng	99
50) 2,6-Dinitrotoluene	14.42	165	25367	28.54	ng	90
51) Acenaphthene	14.79	154	94042	25.68	ng	95
52) 3-Nitroaniline	14.76	138	23700	21.46	ng	82
54) Dibenzofuran	15.22	168	143882	26.97	ng	98
55) 4-Nitrophenol	15.40	139	16334	23.43	ng	88
56) 2,4-Dinitrotoluene	15.36	165	34495	26.86	ng	92
57) Fluorene	15.97	166	118731	26.27	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.59	232	15394	18.35	ng	# 86
59) Diethylphthalate	15.99	149	129414	28.79	ng	98
60) 4-Chlorophenyl-phenylether	16.08	204	50799	27.47	ng	89
61) 4-Nitroaniline	16.12	138	24438	22.59	ng	83
62) Azobenzene	16.36	77	142842	30.50	ng	99
64) 4,6-Dinitro-2-methylphenol	16.21	198	6184	11.49	ng	89
65) n-Nitrosodiphenylamine	16.33	169	94222	24.14	ng	98
66) 4-Bromophenyl-phenylether	16.93	248	29876	26.94	ng	97
67) Hexachlorobenzene	16.96	284	29451	25.20	ng	# 90
68) Atrazine	17.32	200	34072	28.77	ng	94
69) Pentachlorophenol	17.33	266	12023m	27.41	ng	
70) Phenanthrene	17.61	178	174924	25.63	ng	97
71) Anthracene	17.68	178	169509	25.47	ng	98
72) Carbazole	17.97	167	167968	26.02	ng	99
73) Di-n-butylphthalate	18.58	149	216747	29.01	ng	99
74) Fluoranthene	19.25	202	184189	26.34	ng	99
77) Pyrene	19.54	202	190243	25.56	ng	98
79) Butylbenzylphthalate	20.48	149	98628	29.26	ng	# 79
80) Benzo(a)anthracene	21.07	228	181563	26.65	ng	98
81) 3,3'-Dichlorobenzidine	21.08	252	33821	15.62	ng	97
82) Chrysene	21.12	228	163641m	26.34	ng	
83) Bis(2-ethylhexyl)phthalate	21.23	149	152011	32.59	ng	97
84) Di-n-octyl phthalate	22.02	149	246290	30.43	ng	99
85) Indeno(1,2,3-cd)pyrene	24.00	276	162440m	24.67	ng	
87) Benzo(b)fluoranthene	22.36	252	153971m	23.41	ng	
88) Benzo(k)fluoranthene	22.40	252	159469m	27.76	ng	
89) Benzo(a)pyrene	22.74	252	150231m	25.90	ng	
90) Dibenzo(a,h)anthracene	24.02	278	137178m	25.77	ng	
91) Benzo(g,h,i)perylene	24.27	276	138325m	26.14	ng	

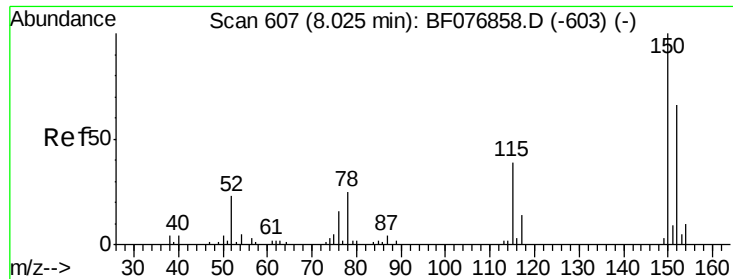
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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 :

SANDMSD

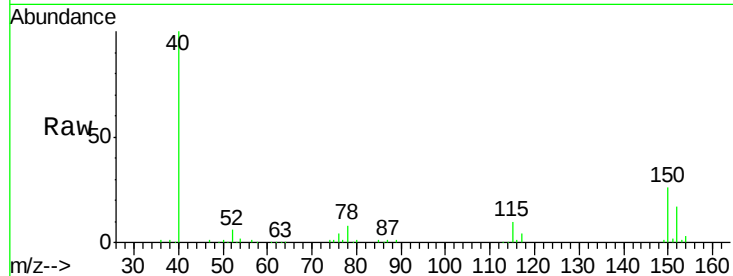
Tgt Ion:152 Resp: 25771

Ion Ratio Lower Upper

152 100

150 157.3 121.7 182.5

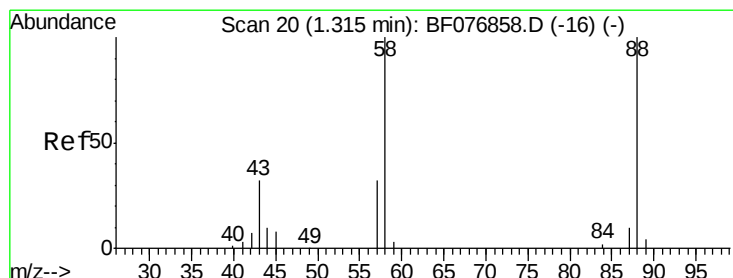
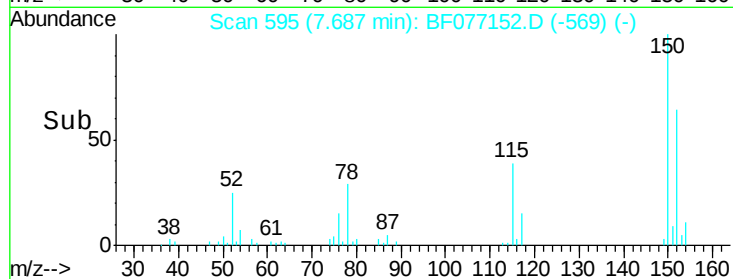
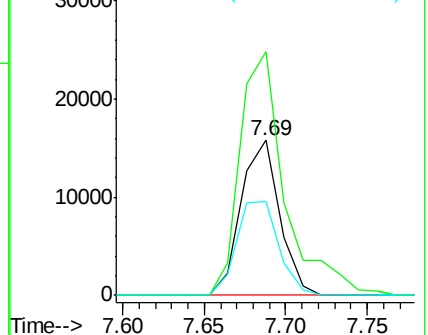
115 60.7 47.0 70.6



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: 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

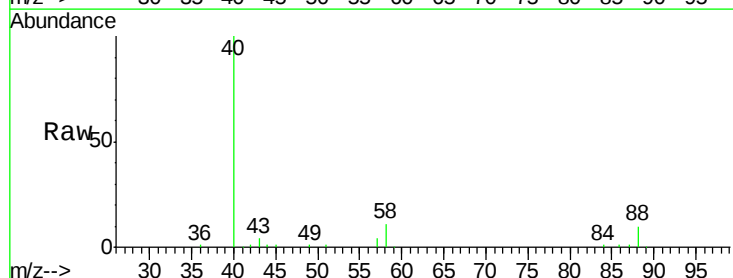
Tgt Ion: 88 Resp: 14587

Ion Ratio Lower Upper

88 100

58 96.4 77.0 115.4

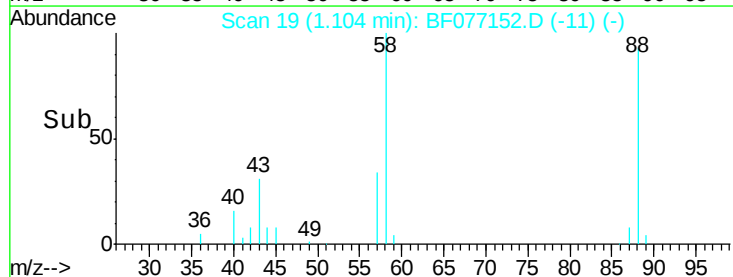
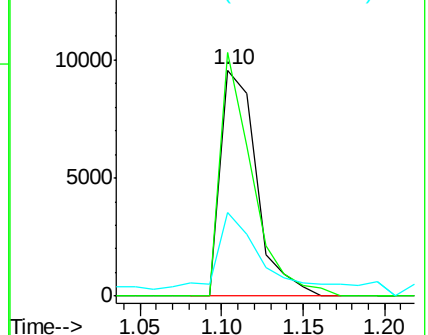
43 57.6 25.6 38.4#

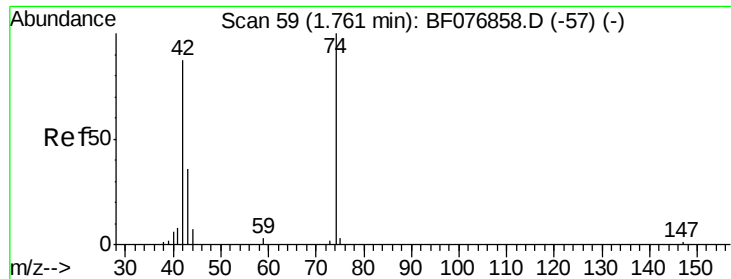


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#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 :

SANDMSD

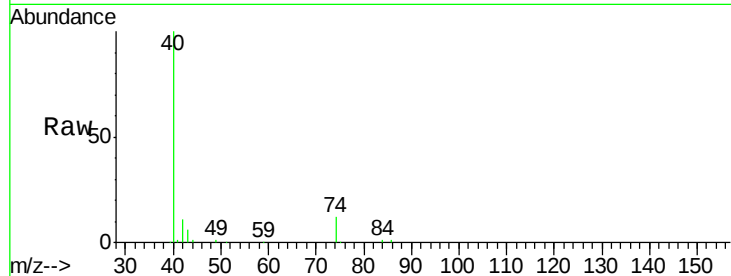
Tgt Ion: 42 Resp: 21250

Ion Ratio Lower Upper

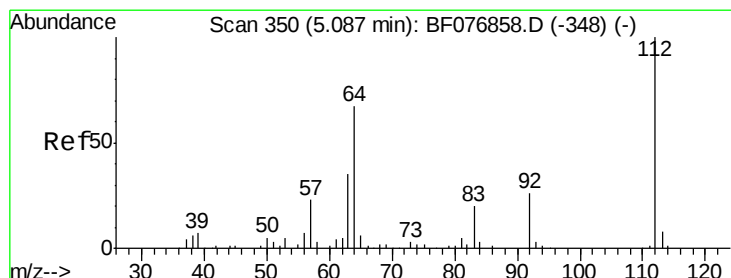
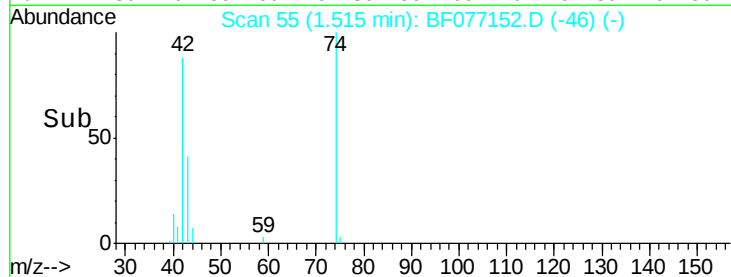
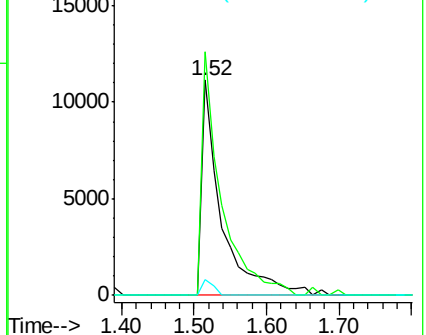
42 100

74 113.2 92.4 138.6

44 7.6 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: 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

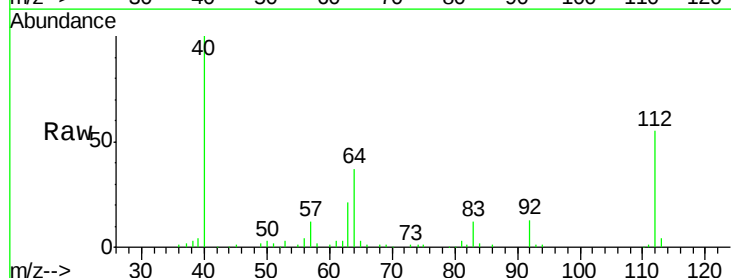
Tgt Ion: 112 Resp: 123977

Ion Ratio Lower Upper

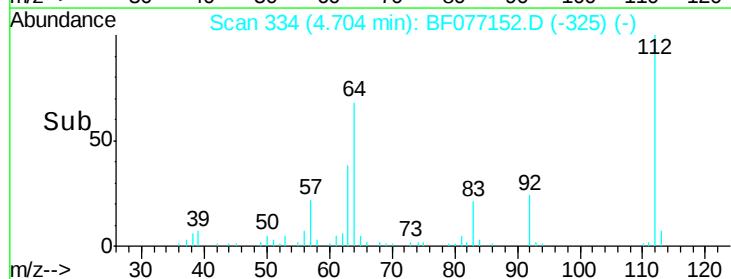
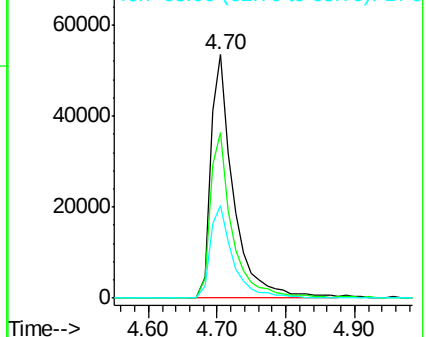
112 100

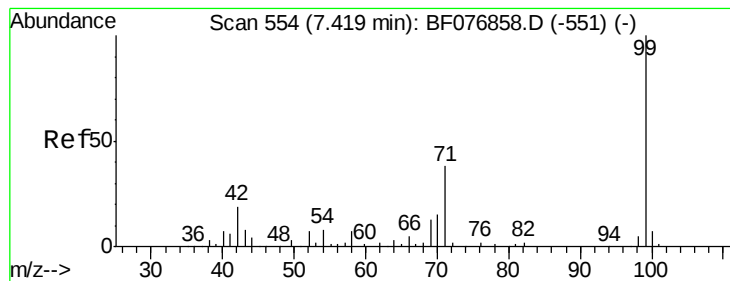
64 67.8 54.2 81.4

63 37.9 28.4 42.6



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





#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 :

SANDMSD

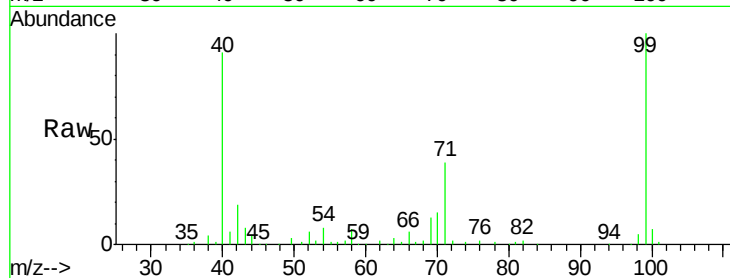
Tgt Ion: 99 Resp: 170003

Ion Ratio Lower Upper

99 100

42 18.5 15.0 22.4

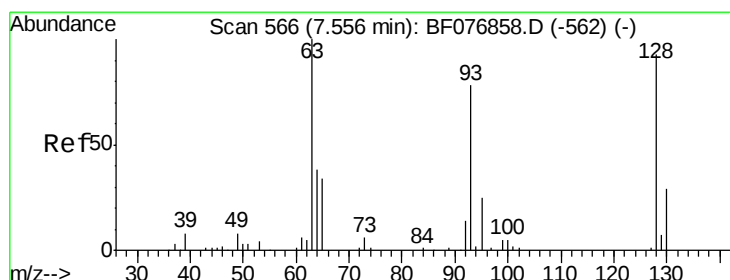
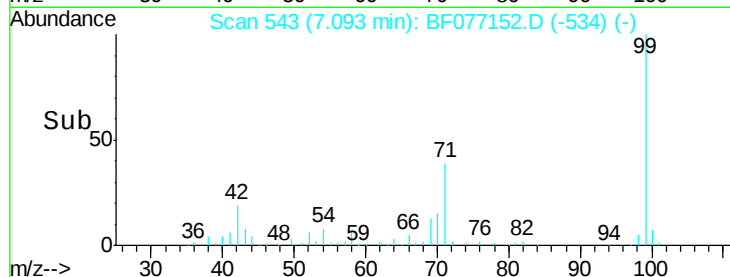
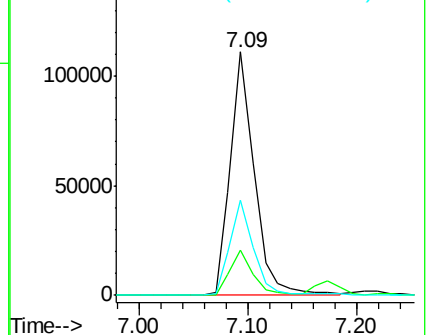
71 39.1 30.5 45.7



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

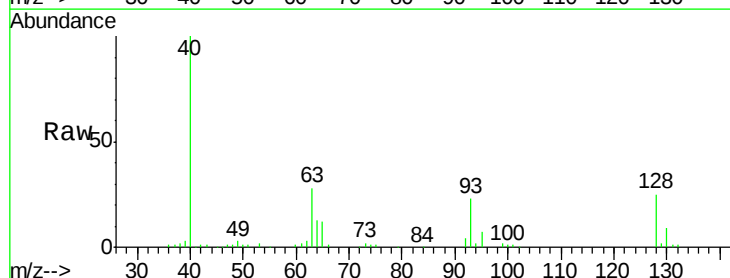
Tgt Ion: 128 Resp: 46657

Ion Ratio Lower Upper

128 100

130 34.9 11.0 51.0

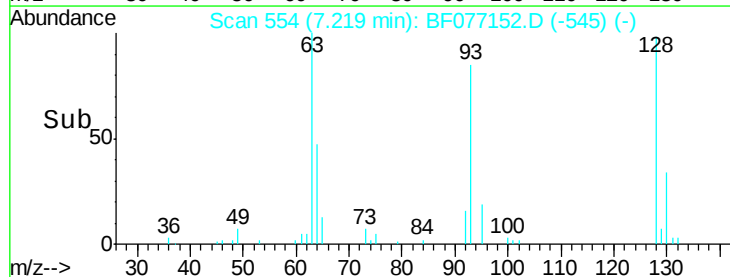
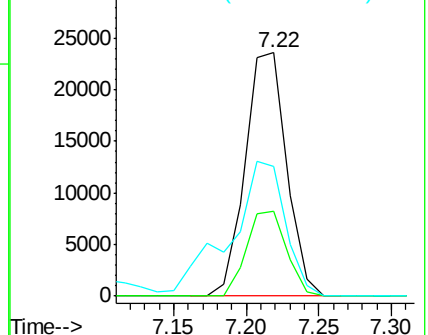
64 53.0 29.3 69.3

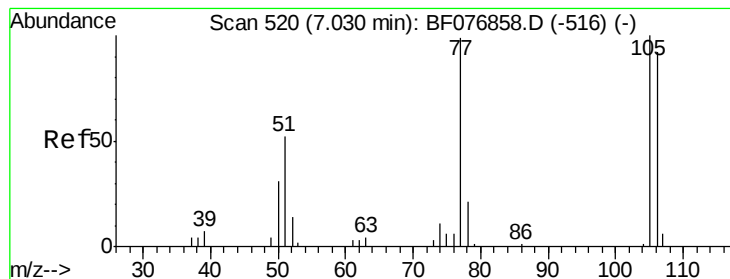


Abundance Ion 128.00 (127.70 to 128.70): E

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

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ClientSampleId :

SANDMSD

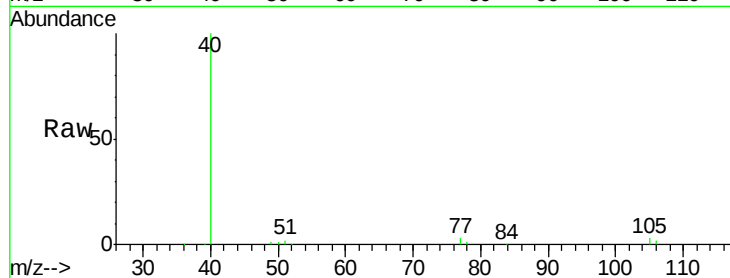
Tgt Ion: 77 Resp: 6490

Ion Ratio Lower Upper

77 100

105 85.3 81.4 121.4

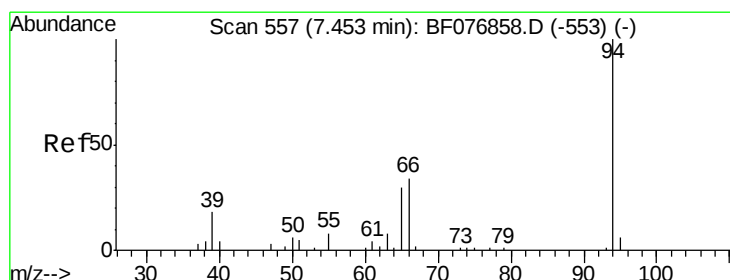
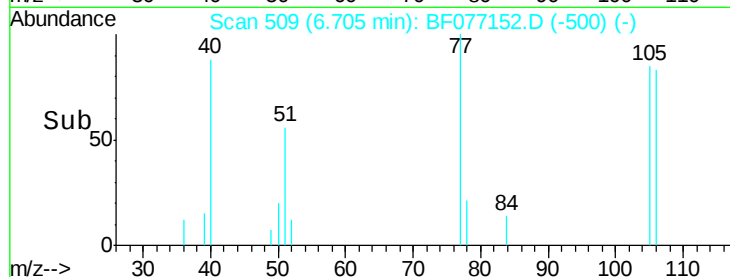
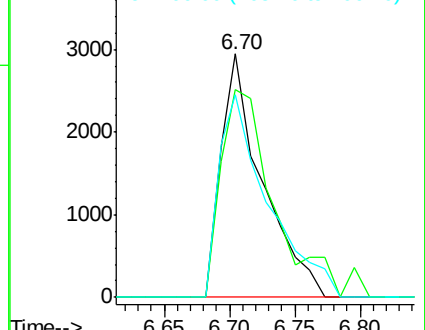
106 83.1 72.8 112.8



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: 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

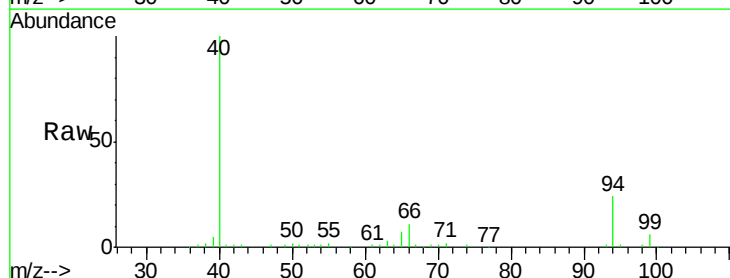
Tgt Ion: 94 Resp: 55044

Ion Ratio Lower Upper

94 100

65 30.4 11.3 51.3

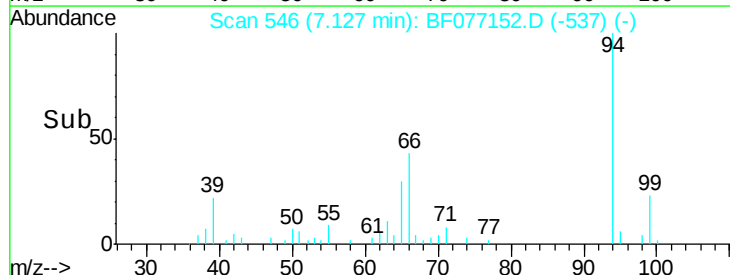
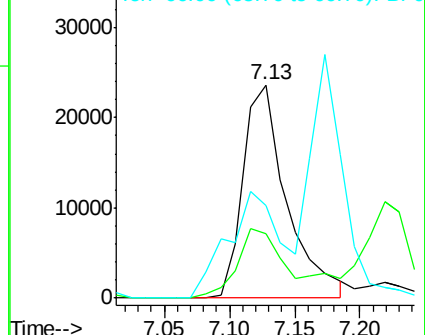
66 43.5 19.5 59.5

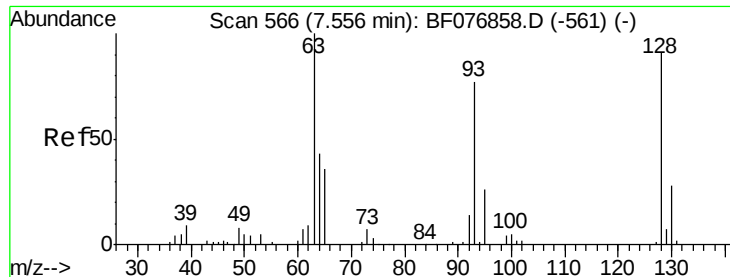


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

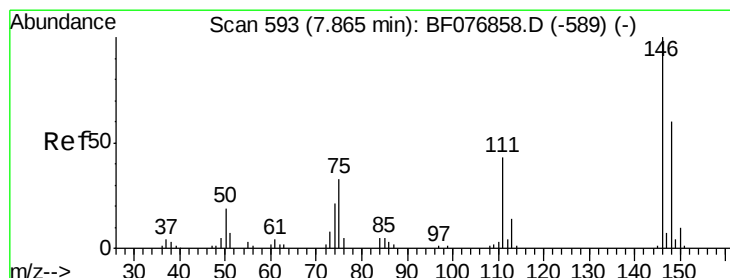
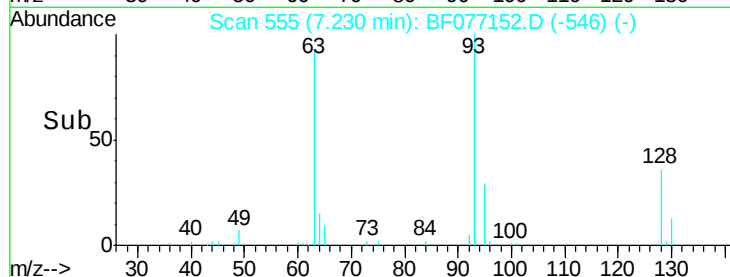
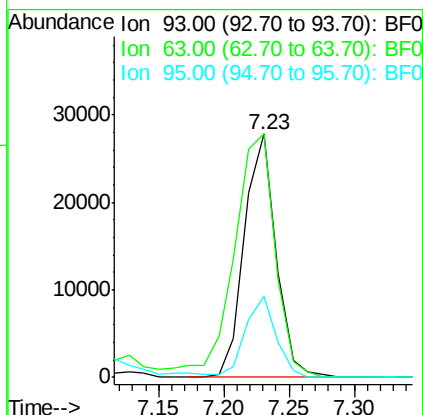
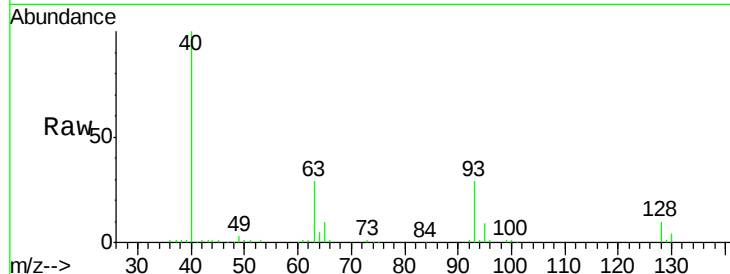




#11
bis(2-Chloroethyl)ether
Concen: 28.55 ng
RT: 7.23 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

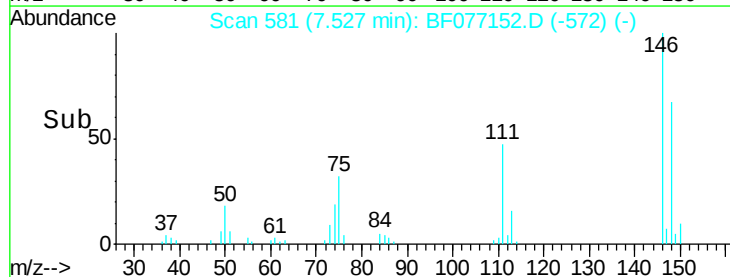
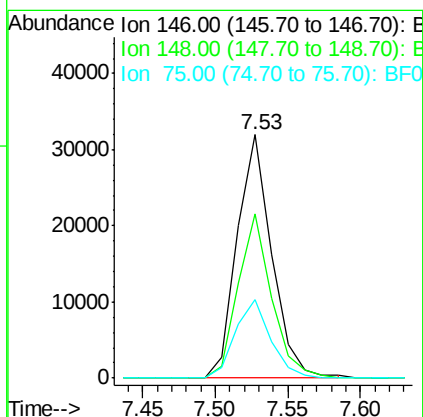
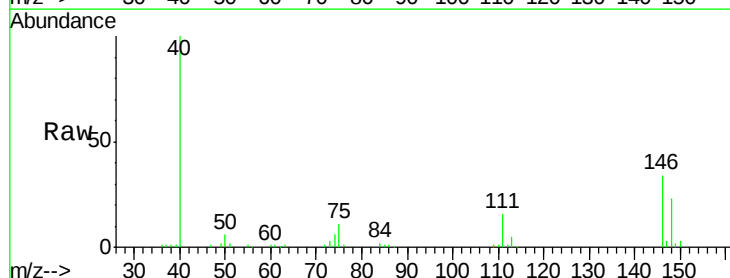
Instrument :
BNA_F
ClientSampleId :
SANDMSD

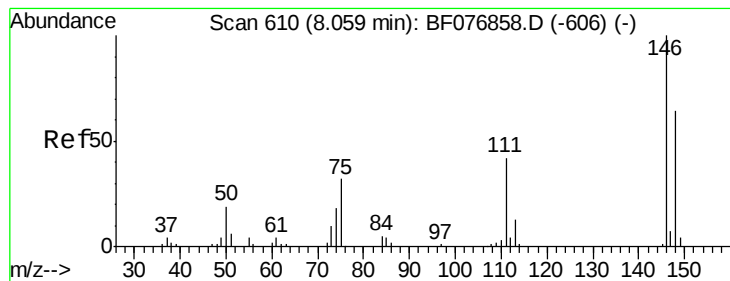
Tgt Ion: 93 Resp: 46912
Ion Ratio Lower Upper
93 100
63 100.1 111.3 151.3#
95 33.2 13.8 53.8



#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

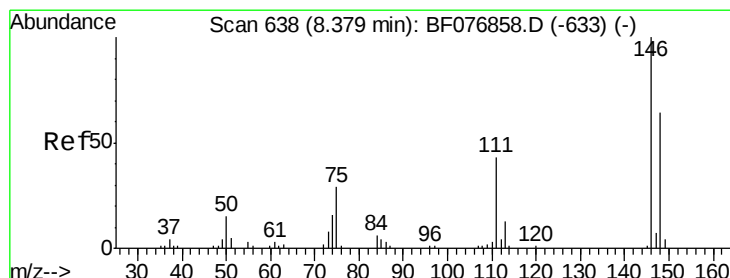
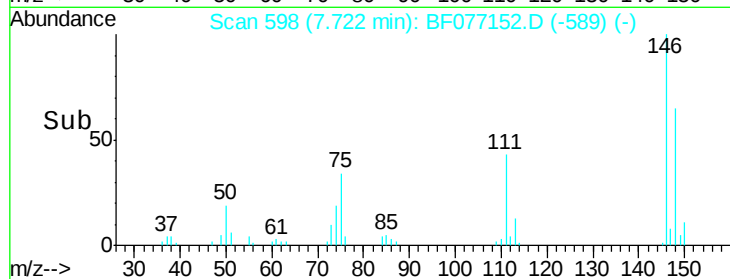
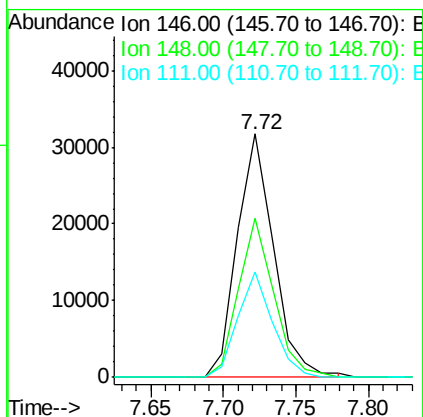
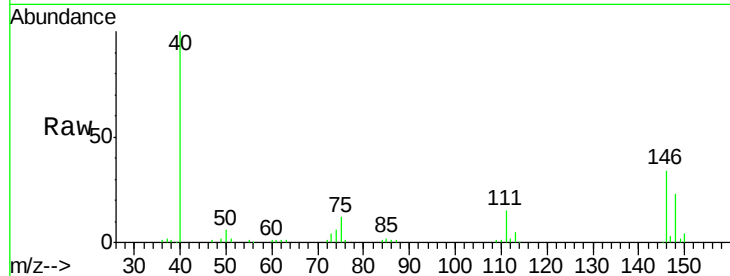




#13
 1,4-Dichlorobenzene
 Concen: 25.42 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

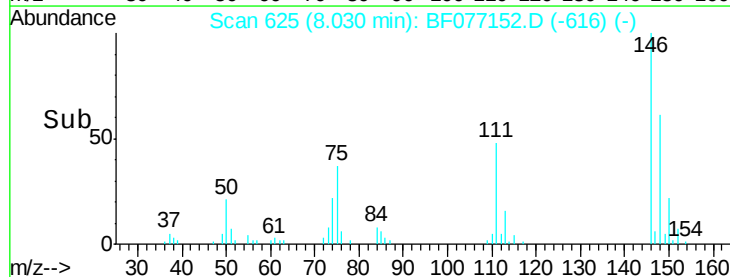
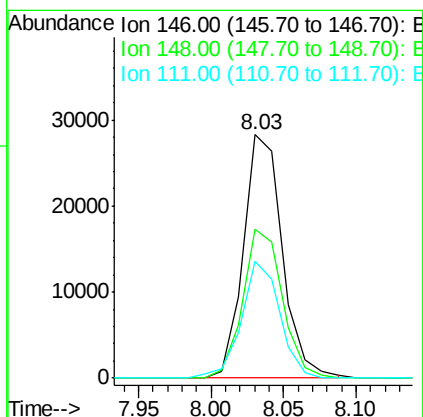
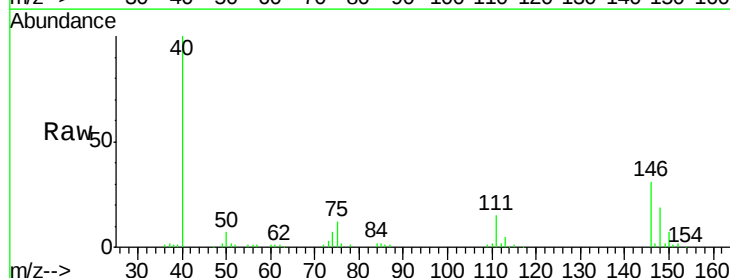
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

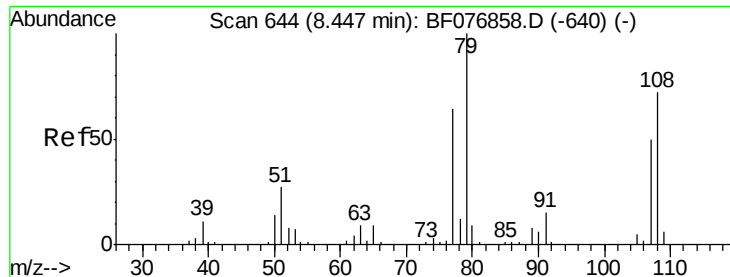
Tgt Ion:146 Resp: 55425
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.5 77.3
 111 43.2 33.9 50.9



#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

ClientSampleId :

SANDMSD

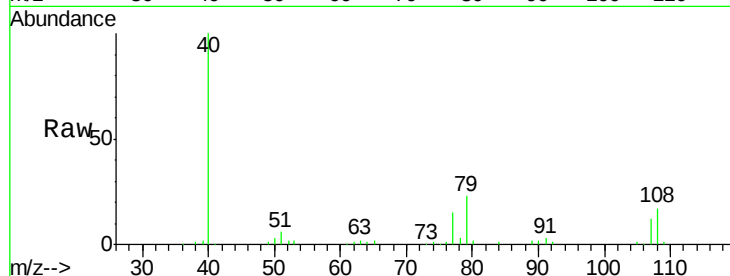
Tgt Ion: 79 Resp: 42064

Ion Ratio Lower Upper

79 100

108 72.8 57.2 85.8

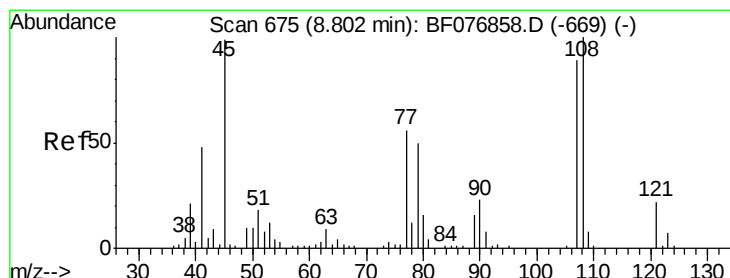
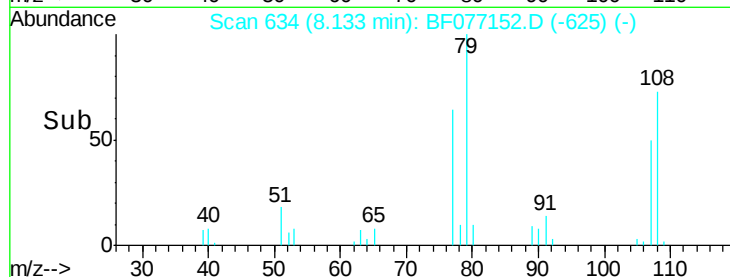
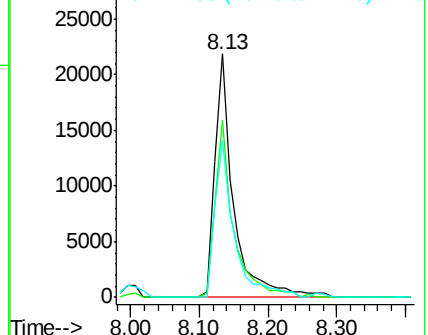
77 64.4 51.2 76.8



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

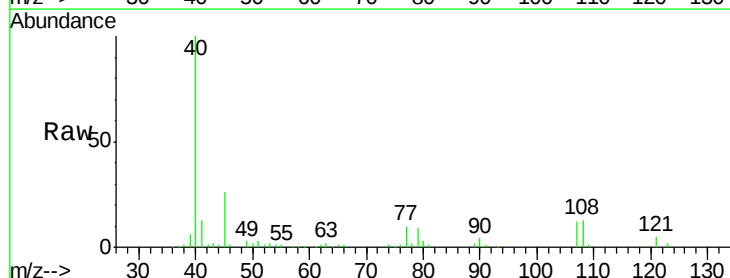
Tgt Ion: 45 Resp: 61110

Ion Ratio Lower Upper

45 100

77 39.6 36.1 76.1

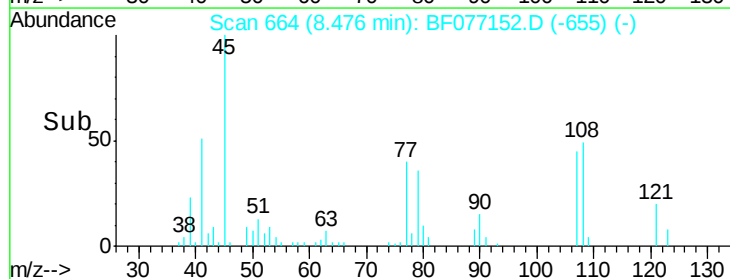
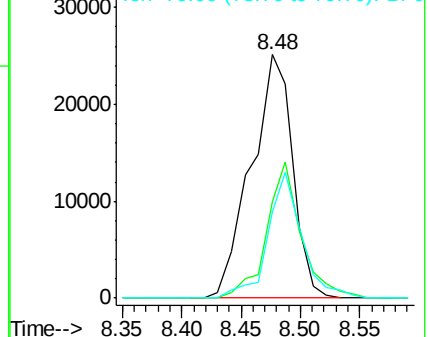
79 35.7 30.5 70.5

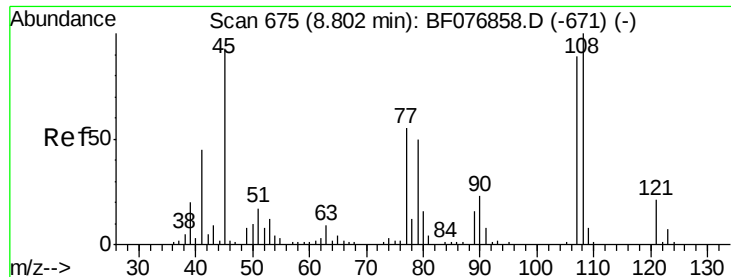


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

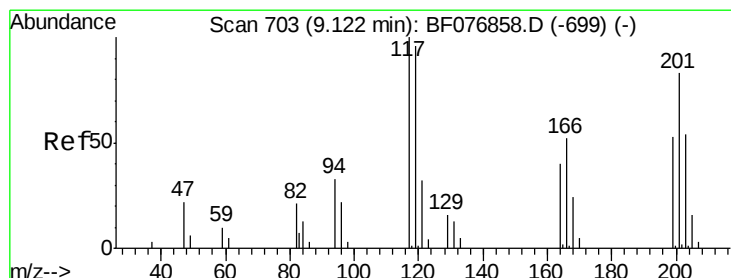
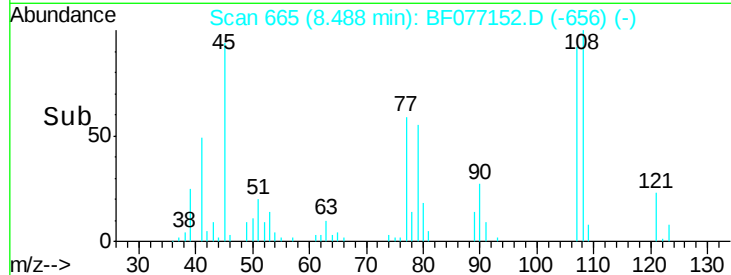
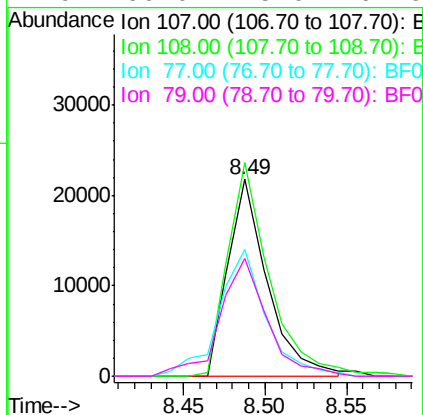
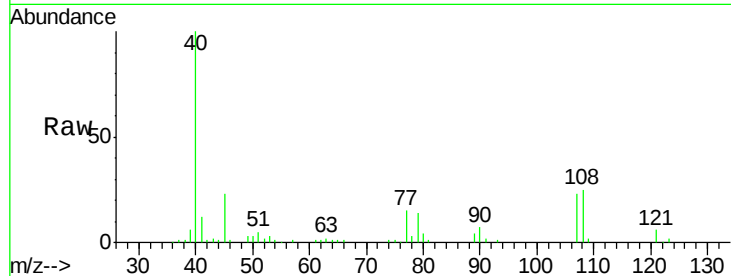




#17
2-Methylphenol
Concen: 24.71 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

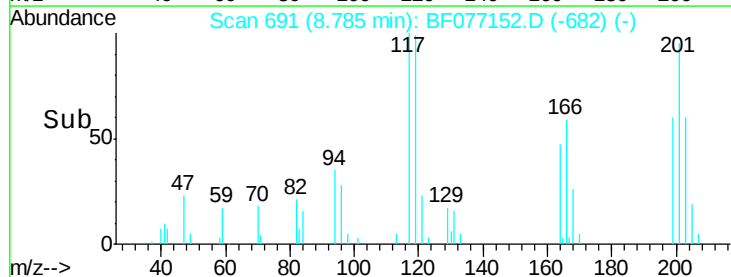
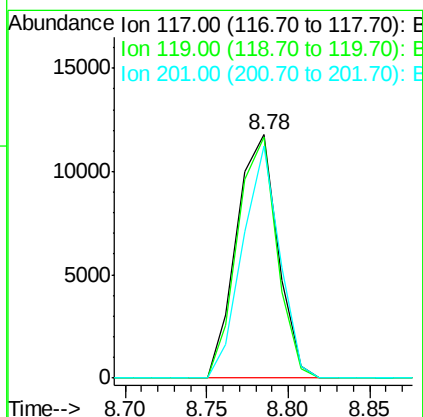
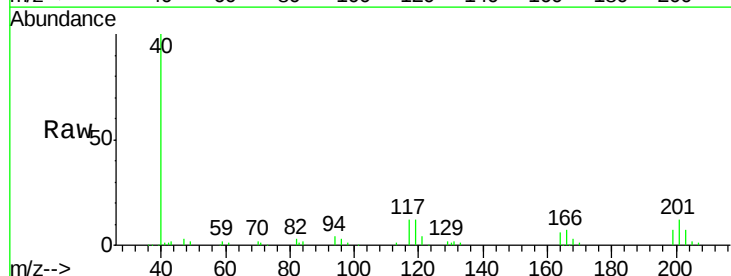
Instrument :
BNA_F
ClientSampleId :
SANDMSD

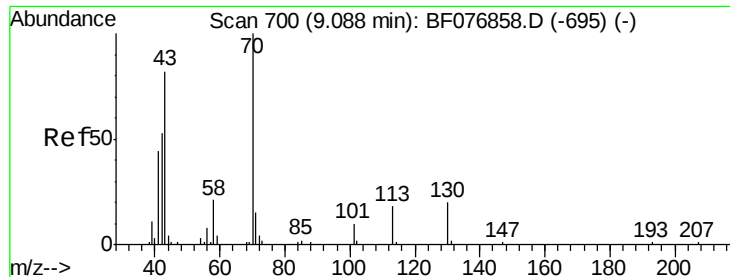
Tgt Ion:107 Resp: 36486
Ion Ratio Lower Upper
107 100
108 108.6 89.7 134.5
77 64.5 50.1 75.1
79 60.0 45.0 67.6



#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

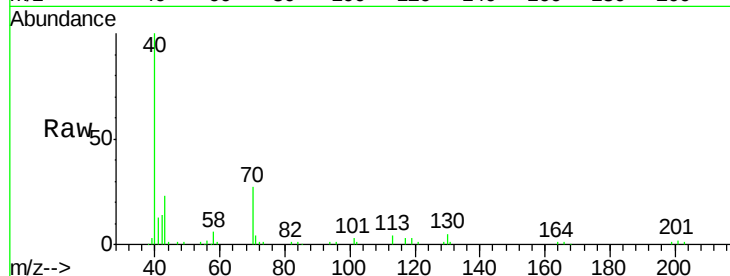




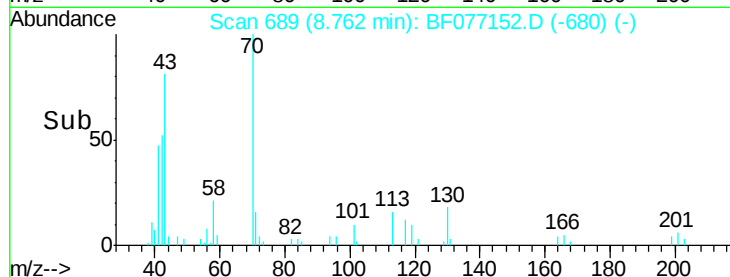
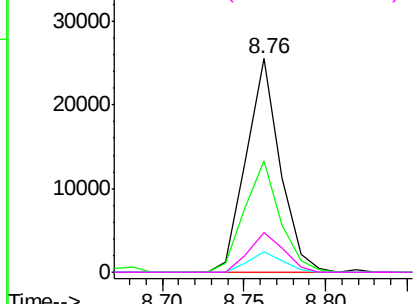
#19
n-Nitroso-di-n-propylamine
Concen: 26.56 ng
RT: 8.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :
SANDMSD

Tgt 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

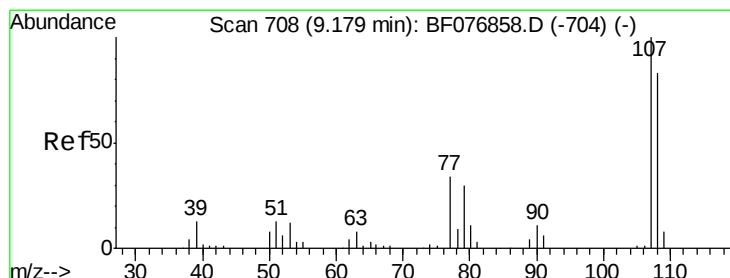


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

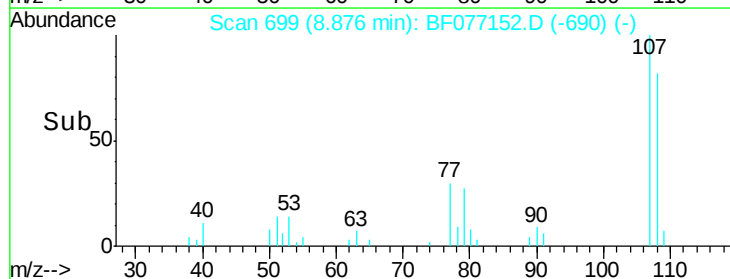
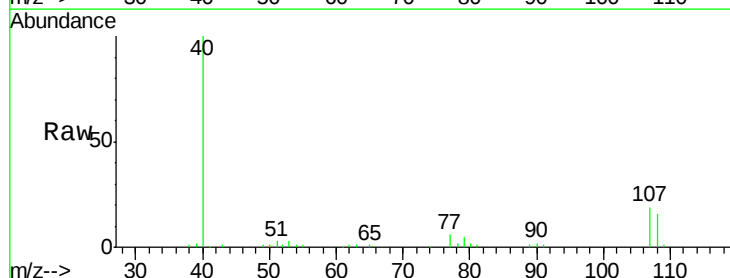
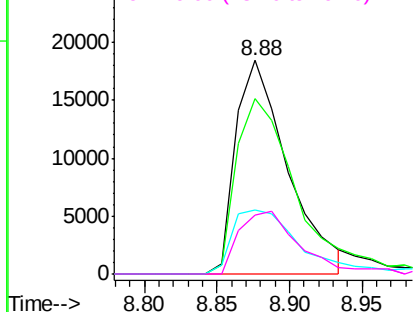


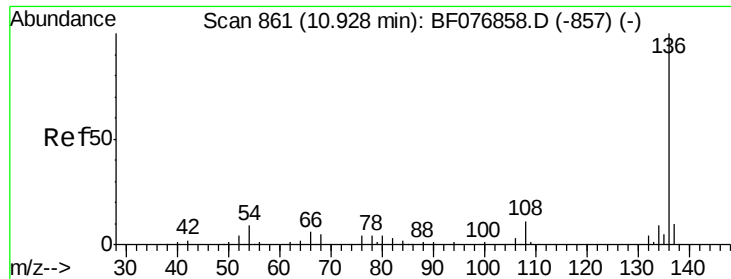
#20
3+4-Methylphenols
Concen: 23.46 ng
RT: 8.88 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

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



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

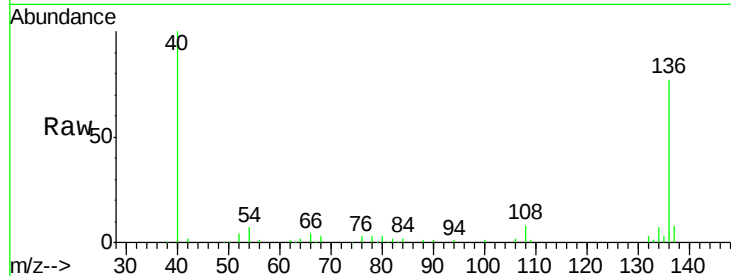




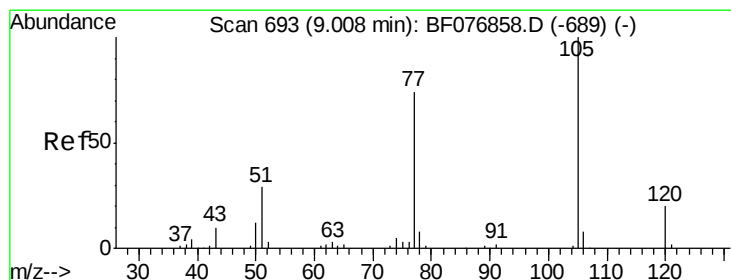
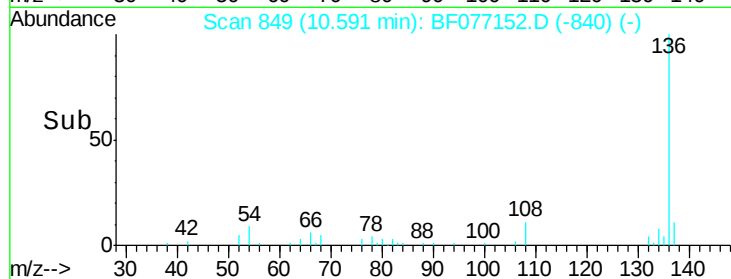
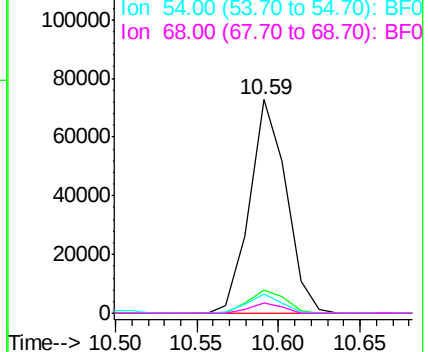
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Instrument :
BNA_F
ClientSampleId :
SANDMSD

Tgt 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

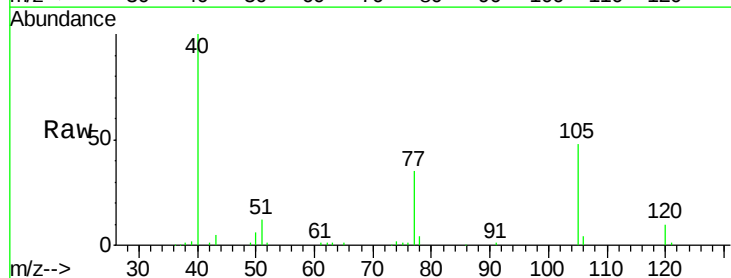


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

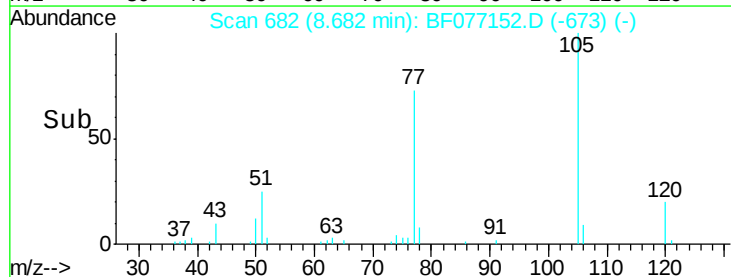
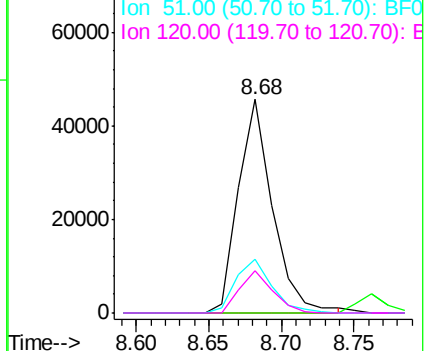


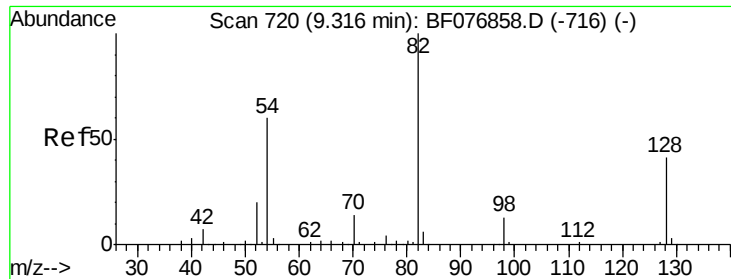
#22
Acetophenone
Concen: 26.83 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

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

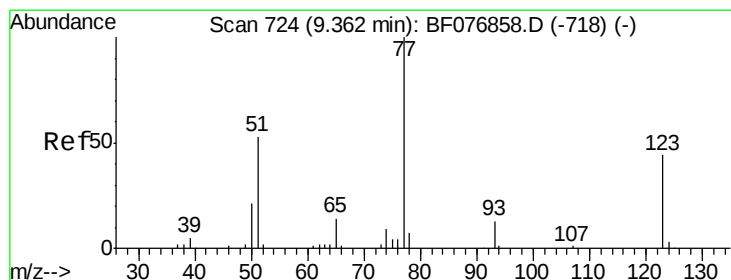
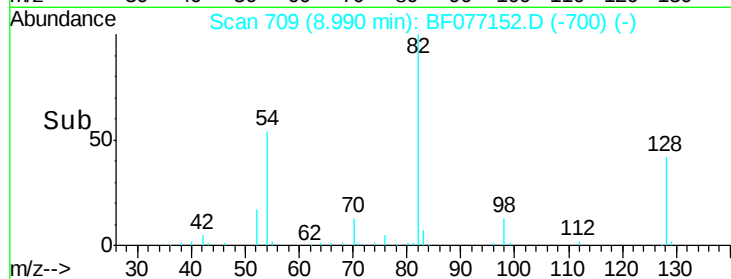
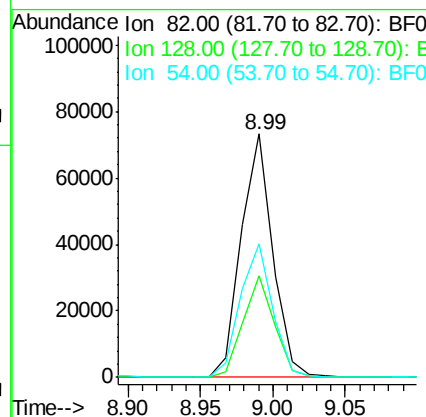
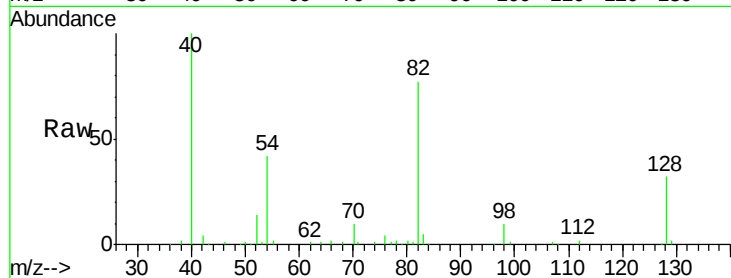




#23
 Nitrobenzene-d5
 Concen: 53.98 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

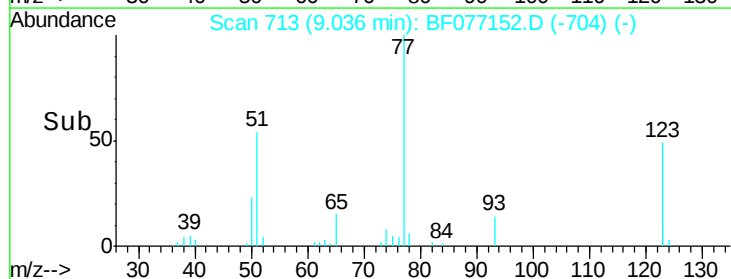
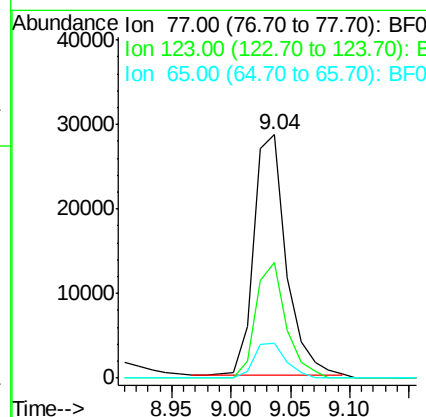
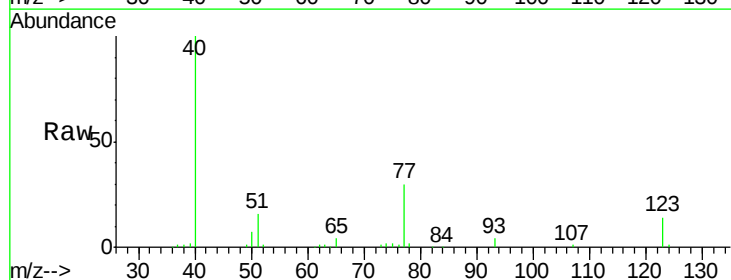
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

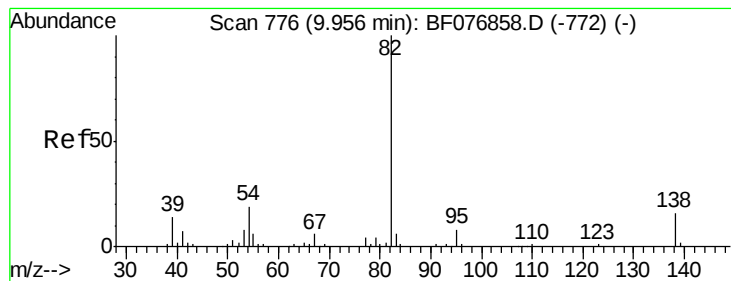
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.1	49.7
54	55.0	48.3	72.5



#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	Ratio	Lower	Upper
77	100		
123	47.7	35.2	52.8
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 :

SANDMSD

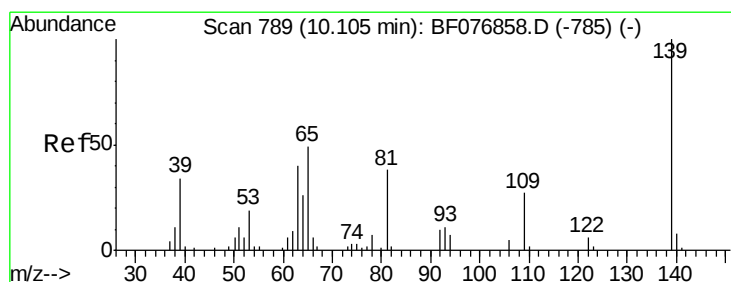
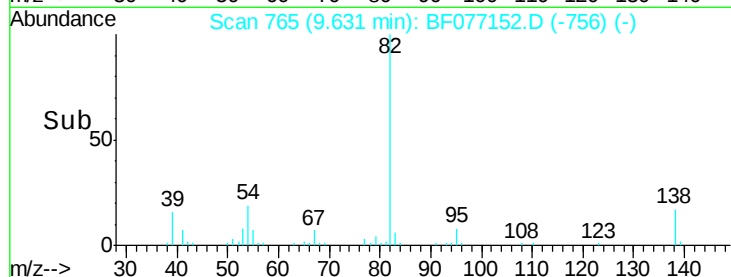
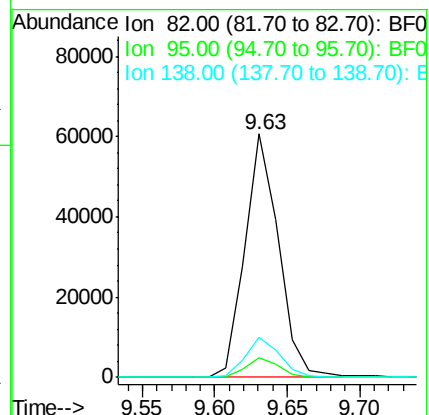
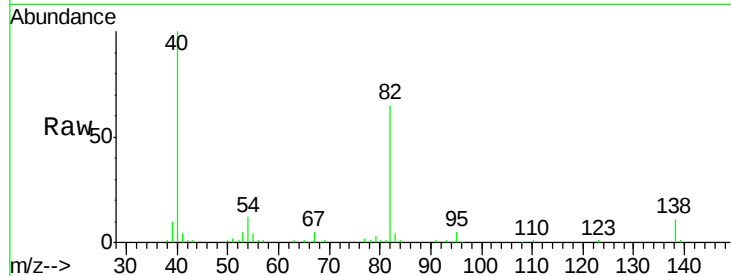
Tgt Ion: 82 Resp: 97765

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

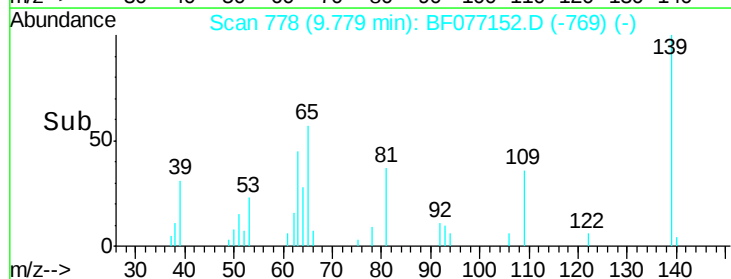
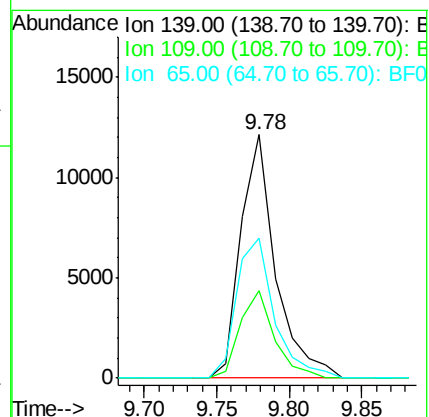
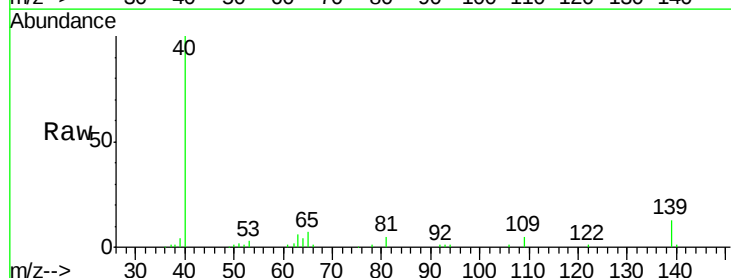
Tgt Ion: 139 Resp: 20214

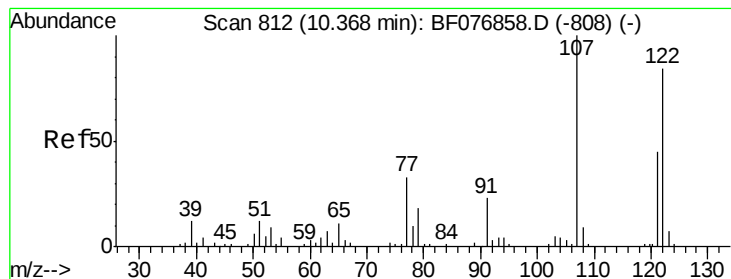
Ion Ratio Lower Upper

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 :

SANDMSD

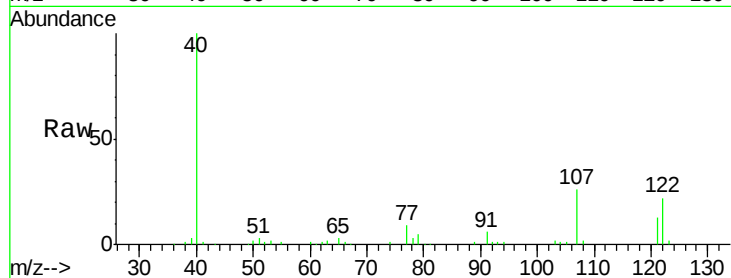
Tgt Ion:122 Resp: 32598

Ion Ratio Lower Upper

122 100

107 120.7 95.2 142.8

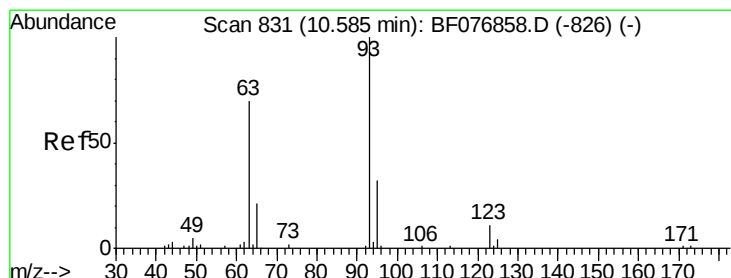
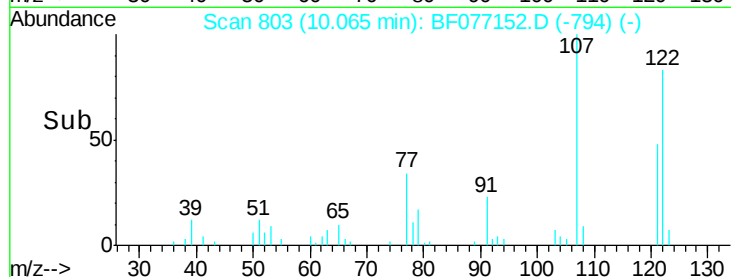
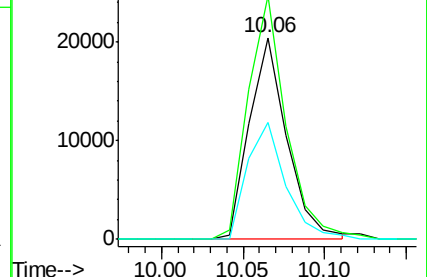
121 57.9 42.9 64.3



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

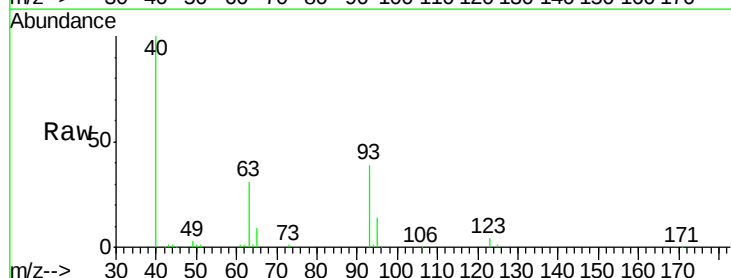
Tgt Ion: 93 Resp: 60391

Ion Ratio Lower Upper

93 100

95 35.8 25.6 38.4

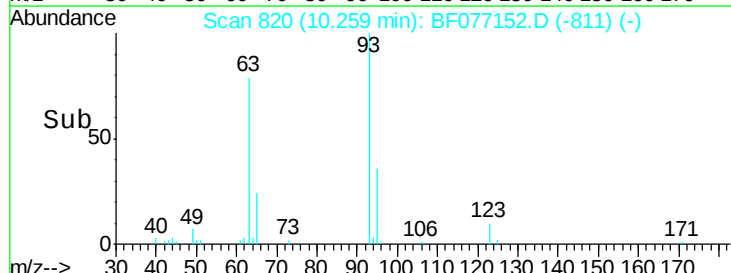
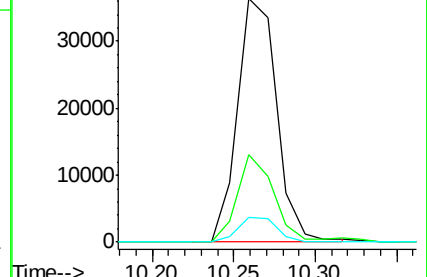
123 10.2 8.9 13.3

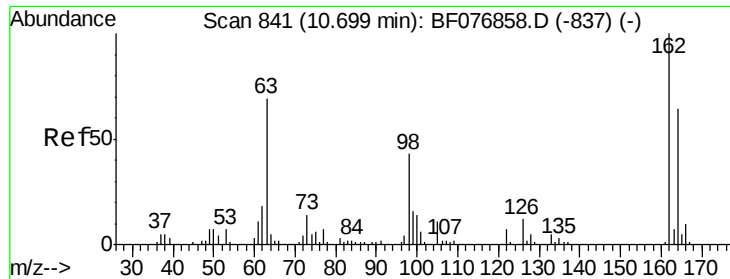


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

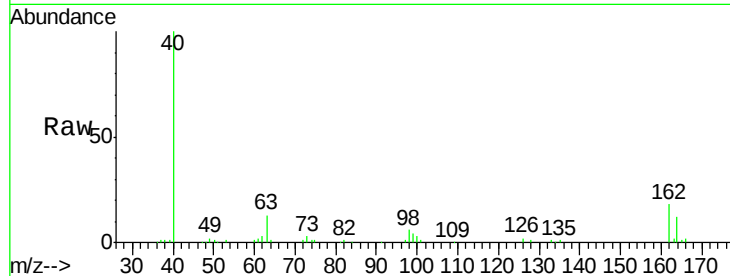




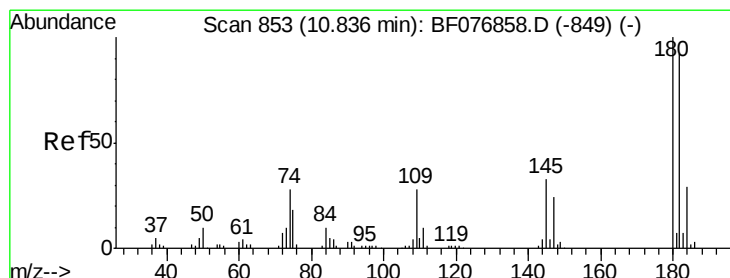
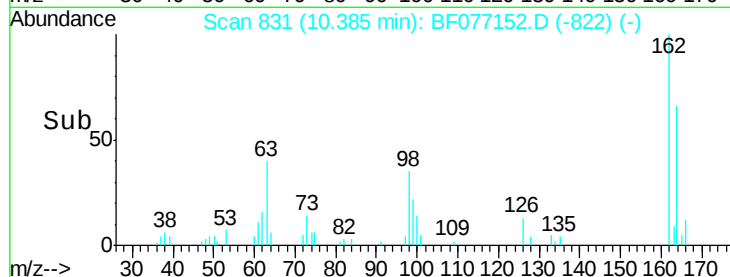
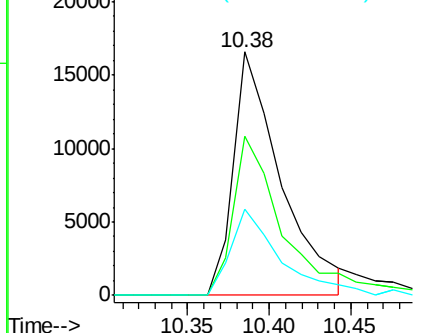
#29
 2,4-Dichlorophenol
 Concen: 22.27 ng
 RT: 10.38 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.8	83.8
98	35.5	22.5	62.5

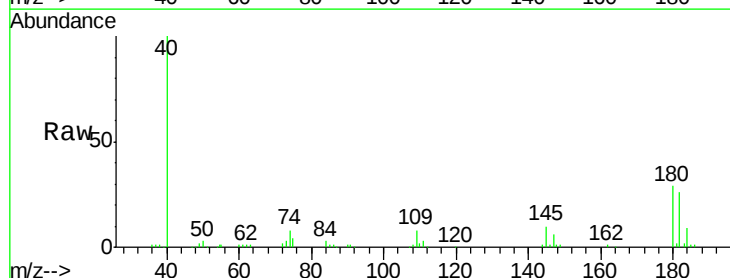


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

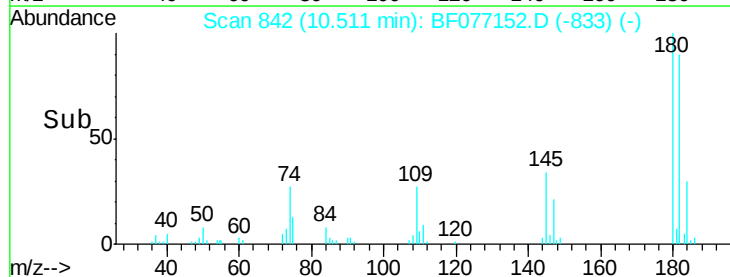
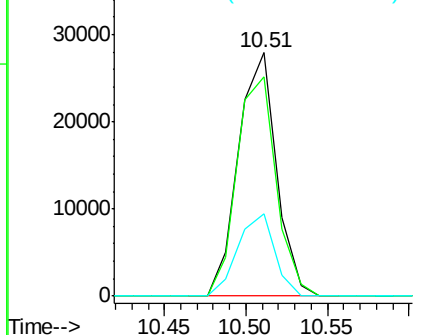


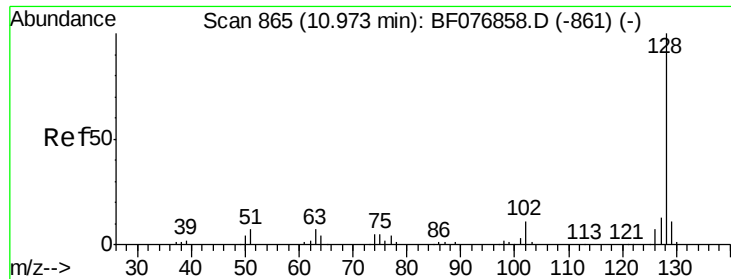
#30
 1,2,4-Trichlorobenzene
 Concen: 26.88 ng
 RT: 10.51 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.0	73.6	110.4
145	34.0	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

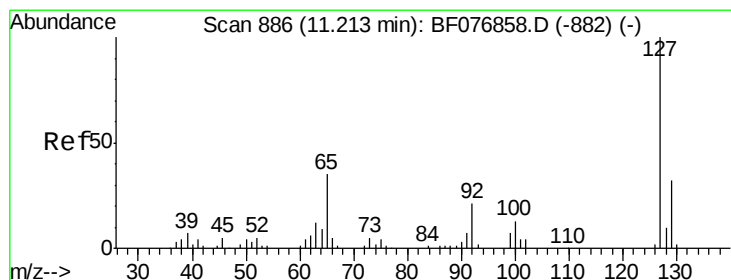
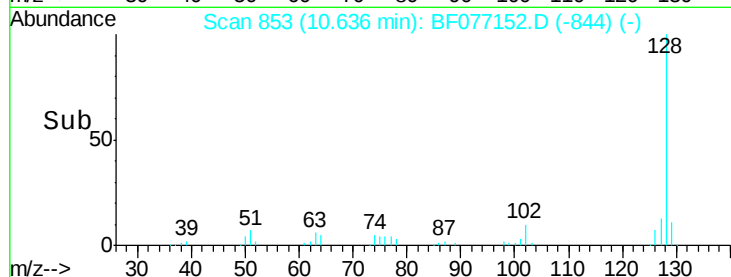
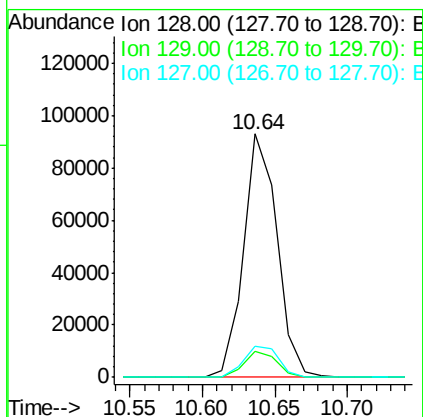
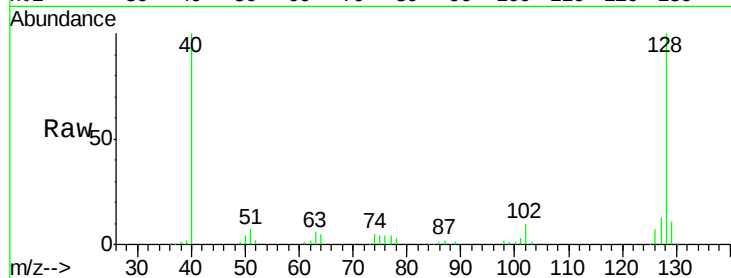




#31
Naphthalene
Concen: 25.47 ng
RT: 10.64 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

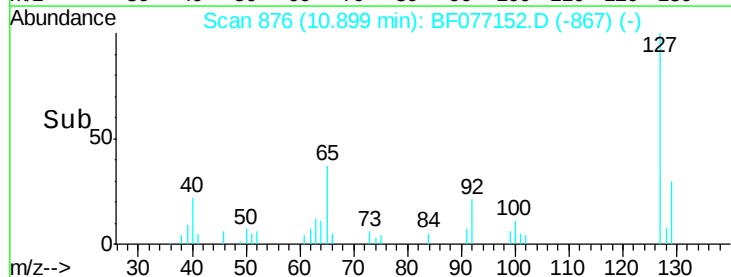
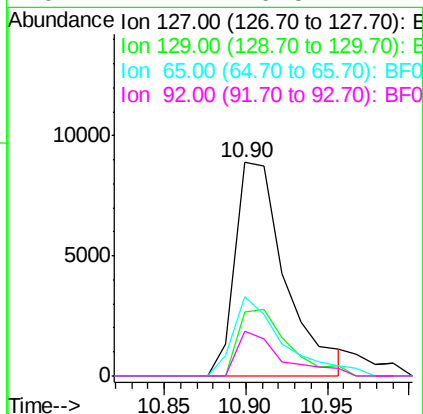
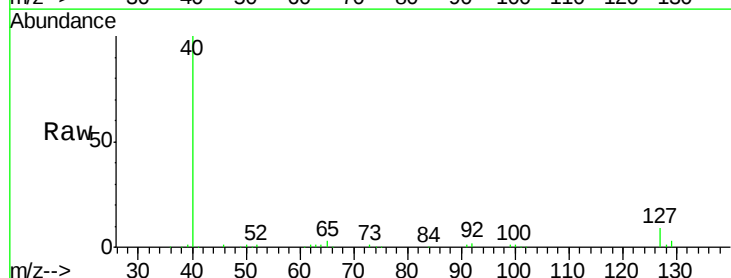
Instrument :
BNA_F
ClientSampleId :
SANDMSD

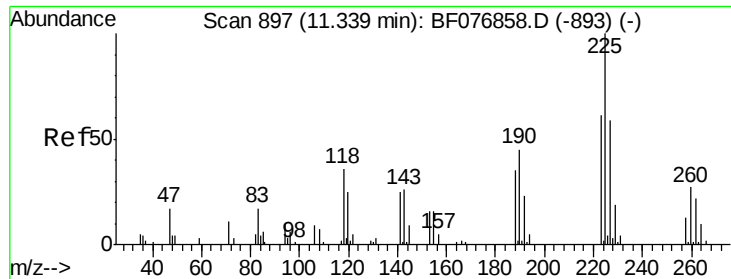
Tgt Ion:128 Resp: 149080
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.6 10.2 15.2



#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

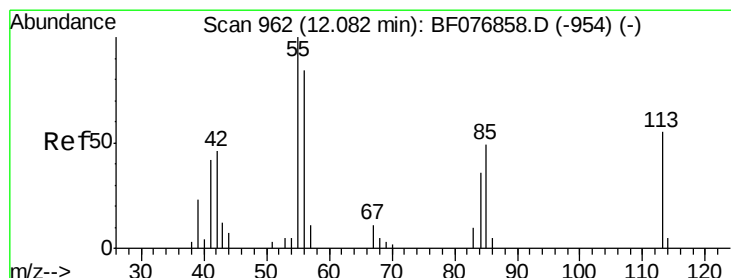
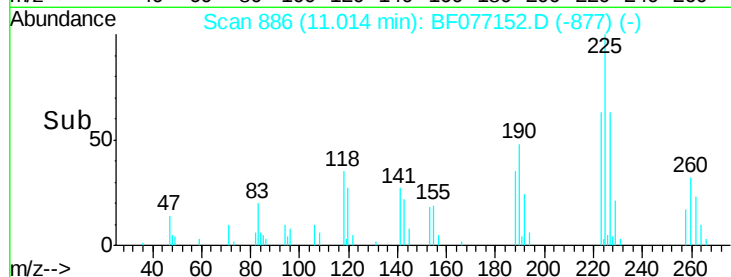
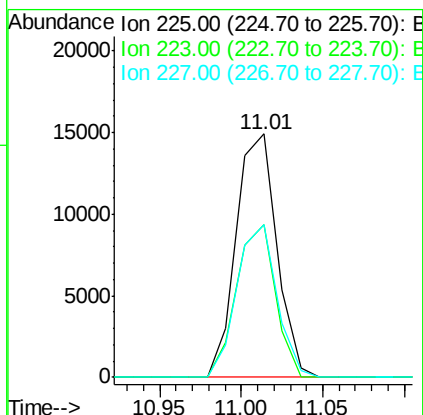
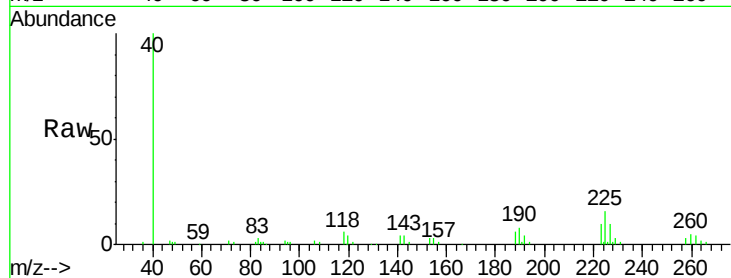




#34
Hexachlorobutadiene
Concen: 25.93 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

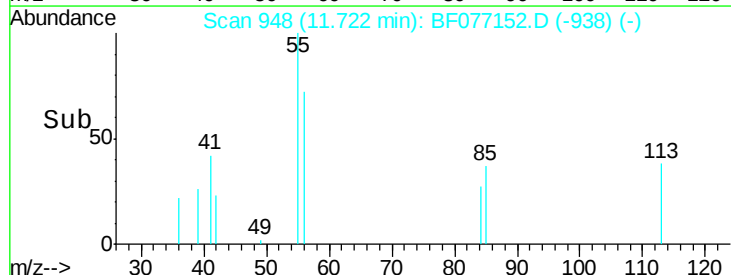
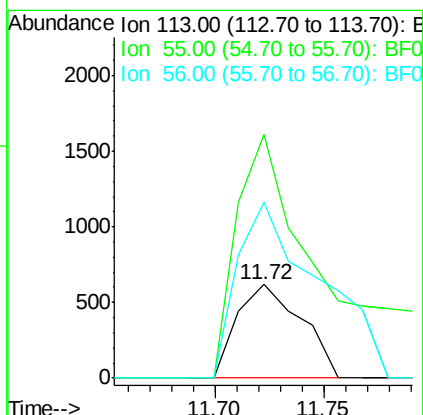
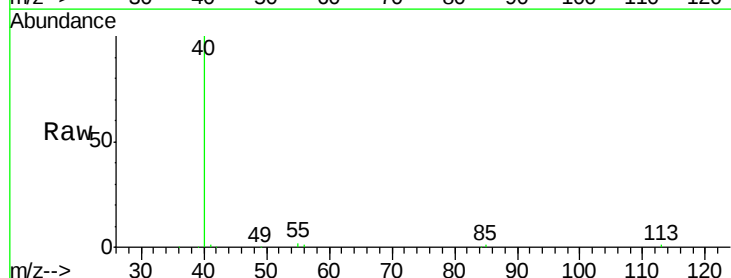
Instrument :
BNA_F
ClientSampleId :
SANDMSD

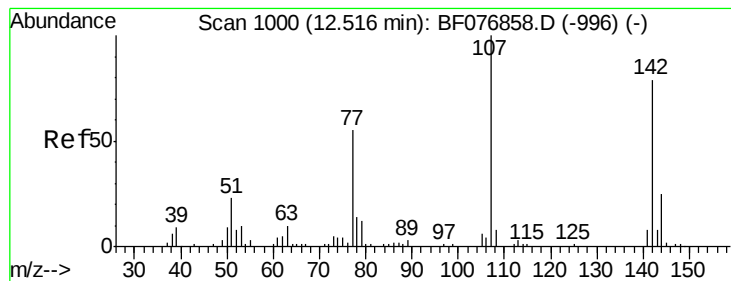
Tgt Ion: 225 Resp: 25744
Ion Ratio Lower Upper
225 100
223 62.9 49.1 73.7
227 62.6 47.5 71.3



#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#





#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 :

SANDMSD

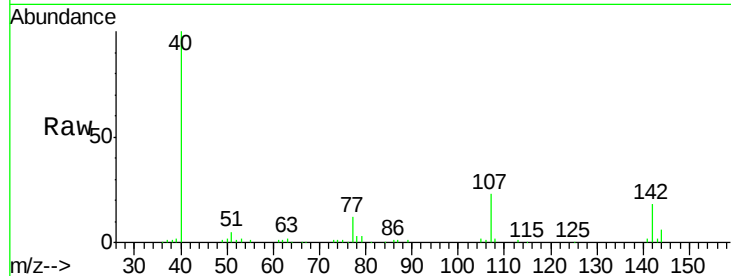
Tgt Ion:107 Resp: 42319

Ion Ratio Lower Upper

107 100

144 24.9 20.0 30.0

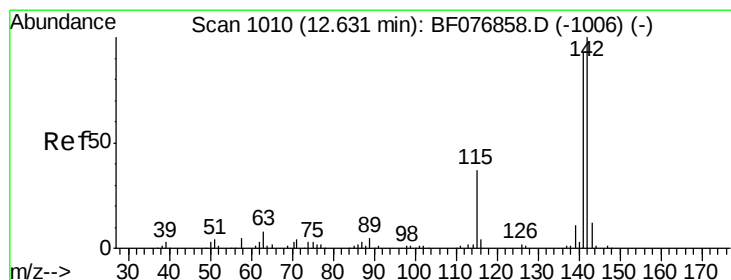
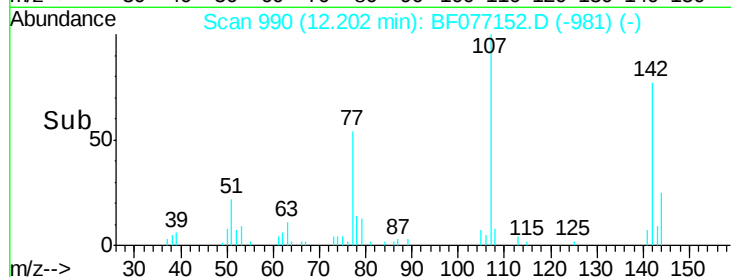
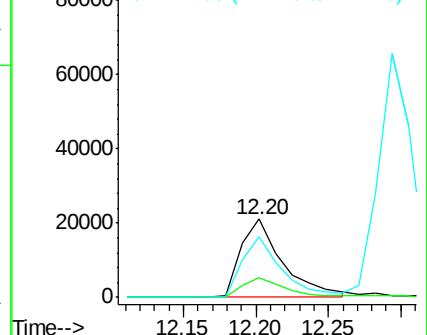
142 77.3 63.5 95.3



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

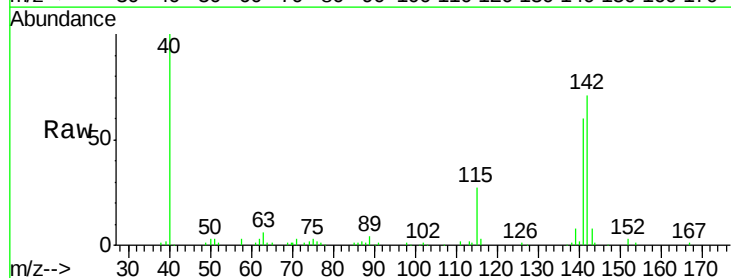
Tgt Ion:142 Resp: 104892

Ion Ratio Lower Upper

142 100

141 84.7 74.5 111.7

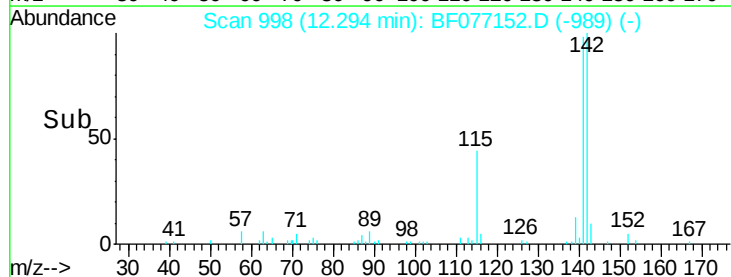
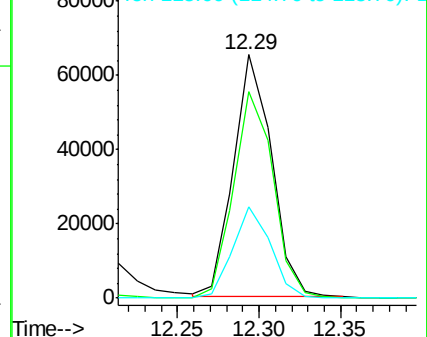
115 37.7 29.7 44.5

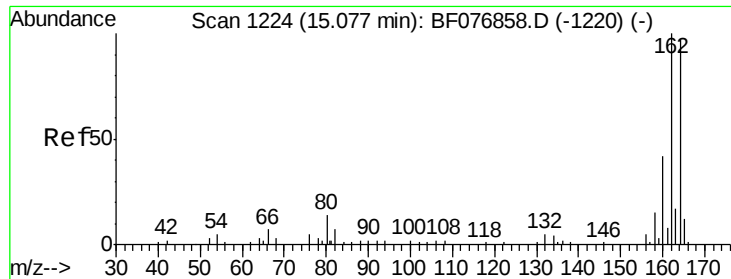


Abundance Ion 142.00 (141.70 to 142.70): E

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

ClientSampleId :

SANDMSD

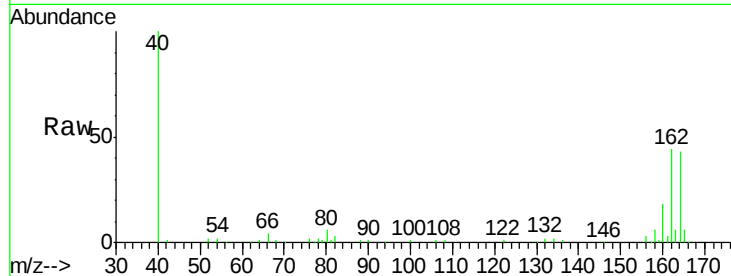
Tgt Ion:164 Resp: 62724

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

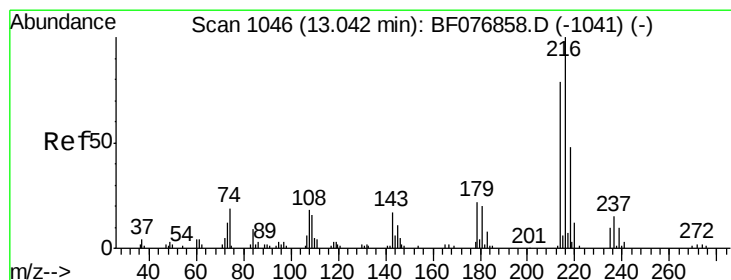
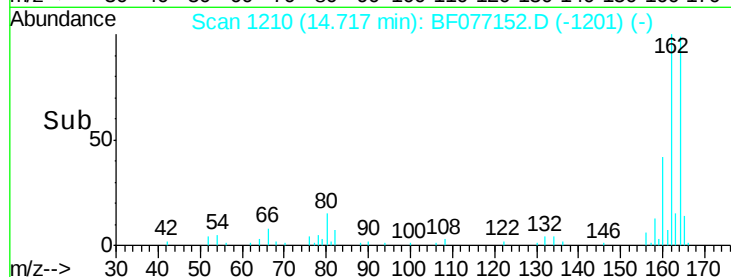
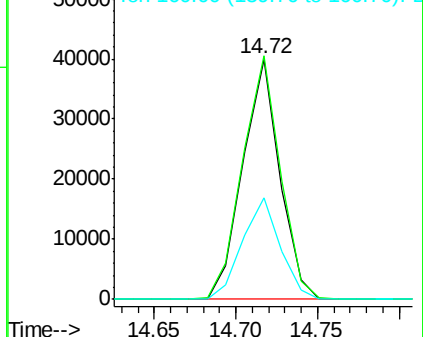
160 42.5 34.8 52.2



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

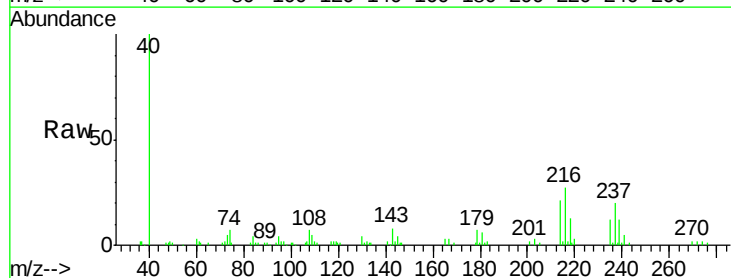
Ion Ratio Lower Upper

216 100

214 76.4 64.9 97.3

179 22.9 18.6 28.0

108 23.9 18.1 27.1

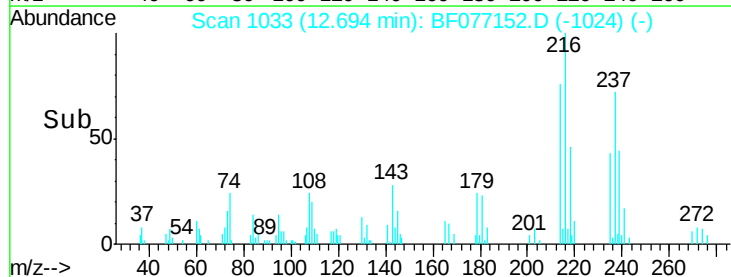
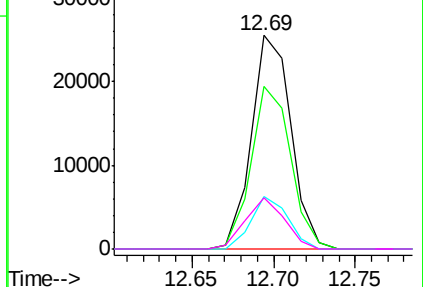


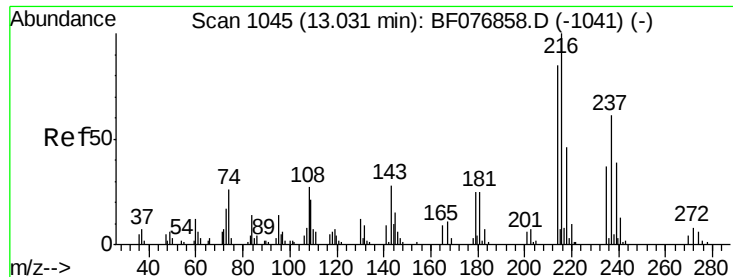
Abundance Ion 216.00 (215.70 to 216.70): E

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 :

SANDMSD

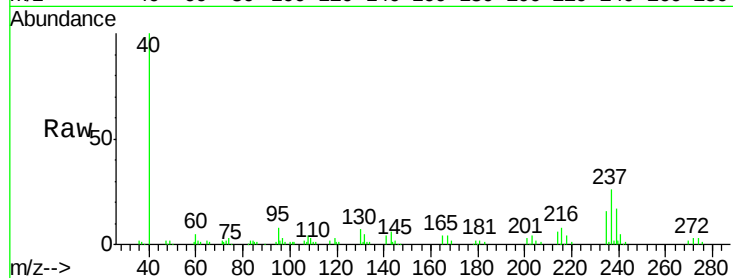
Tgt Ion: 237 Resp: 37629

Ion Ratio Lower Upper

237 100

235 61.9 40.4 80.4

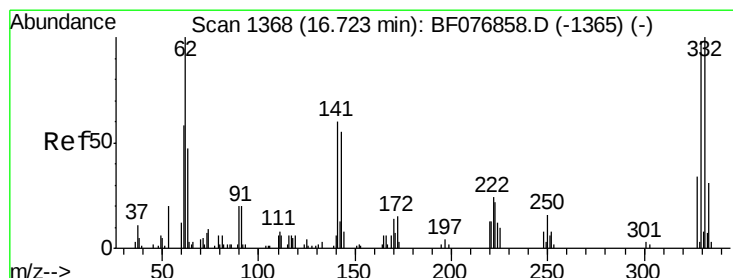
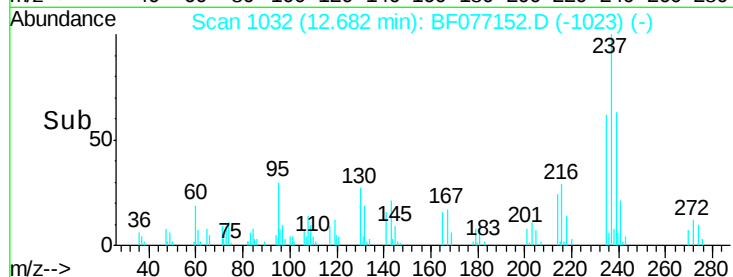
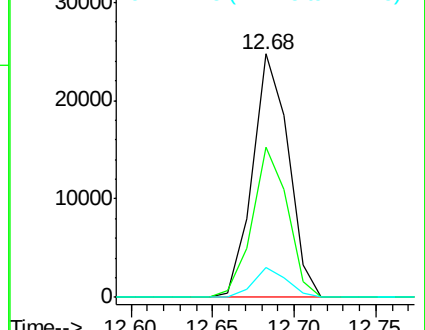
272 12.2 0.0 33.2



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: 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

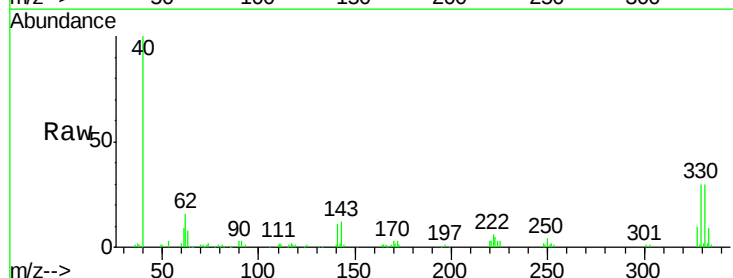
Tgt Ion: 330 Resp: 38469

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

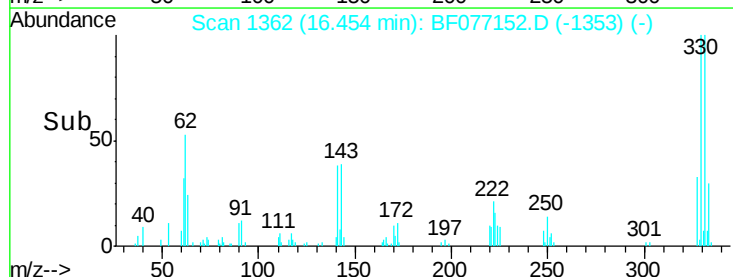
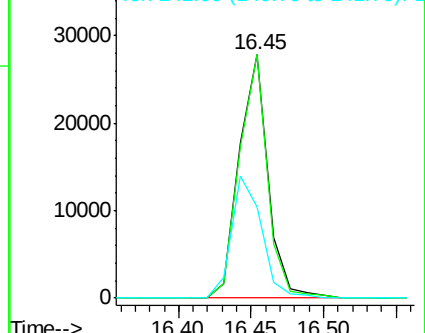
141 52.5 38.5 57.7

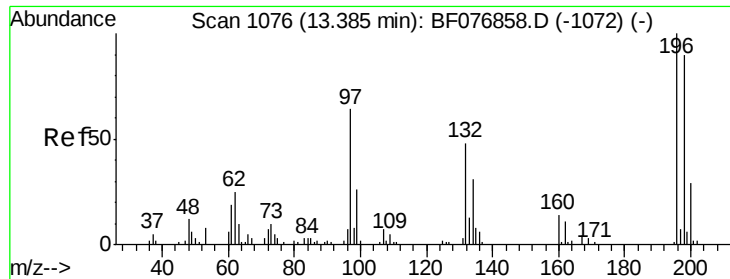


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

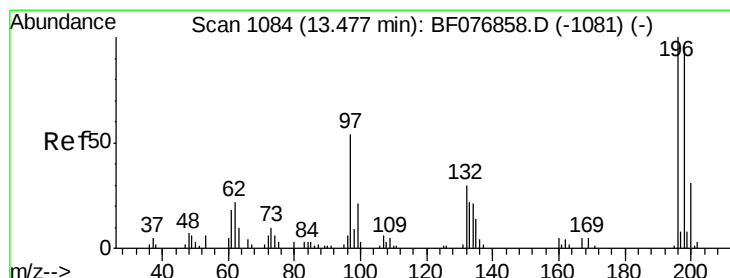
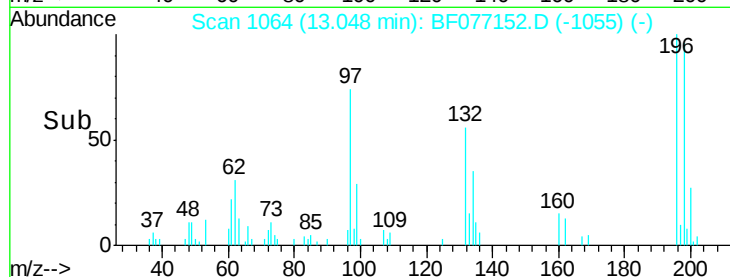
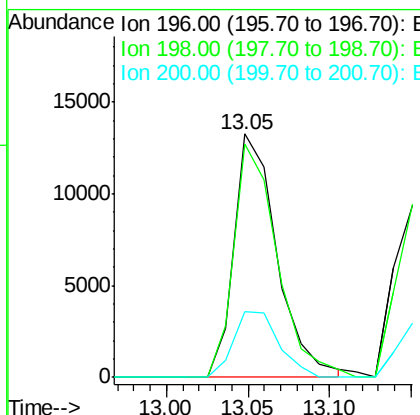
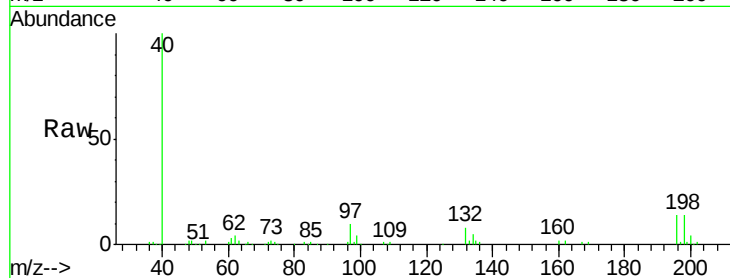




#42
 2,4,6-Trichlorophenol
 Concen: 21.39 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

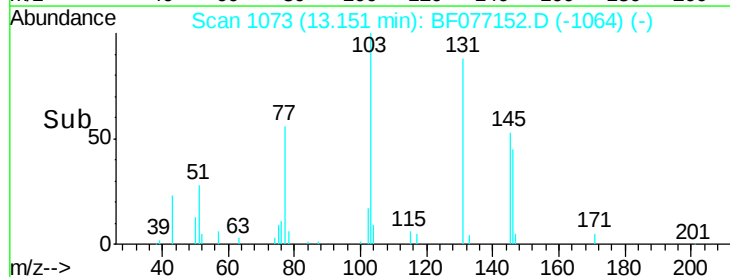
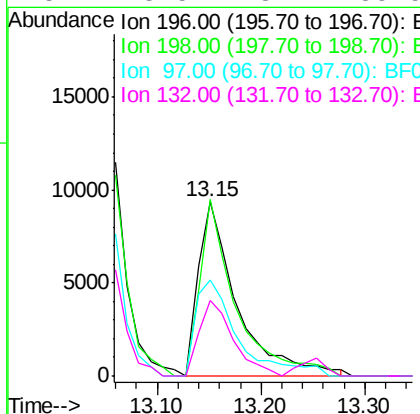
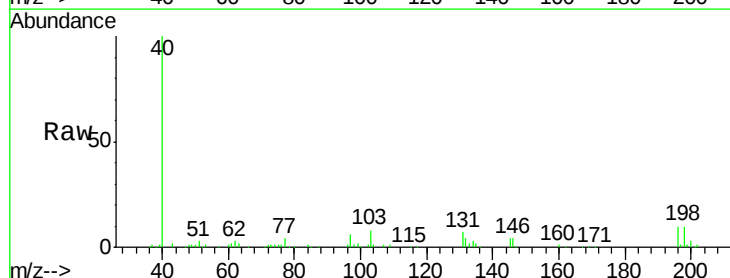
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

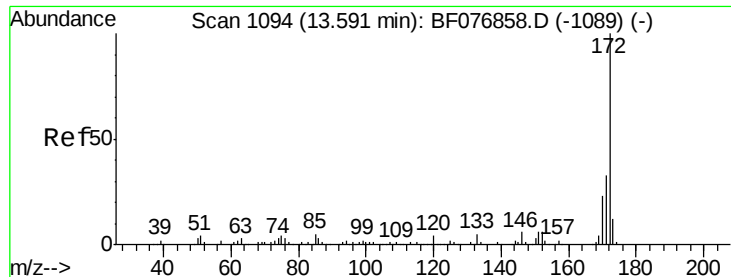
Tgt Ion:196 Resp: 24168
 Ion Ratio Lower Upper
 196 100
 198 95.8 72.0 108.0
 200 27.0 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 21.25 ng m
 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: 24490
 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#

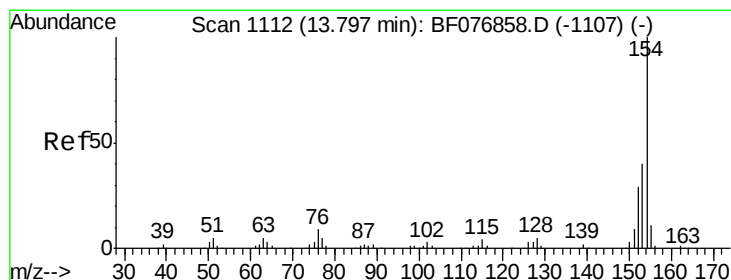
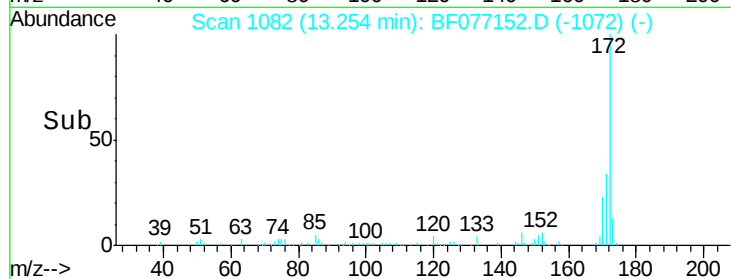
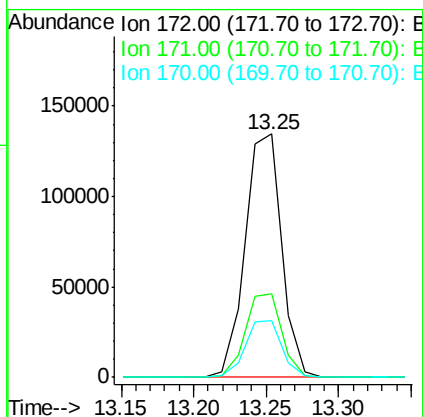
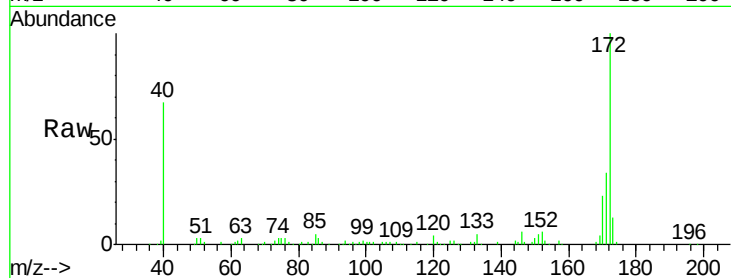




#44
 2-Fluorobiphenyl
 Concen: 56.93 ng
 RT: 13.25 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

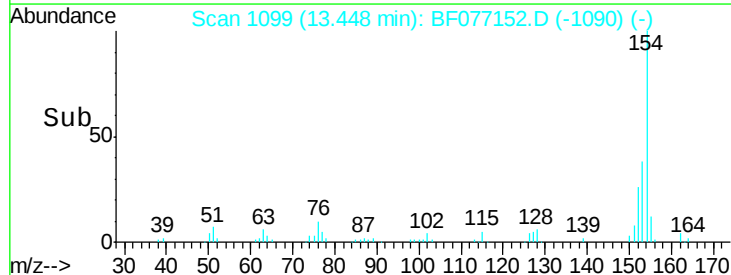
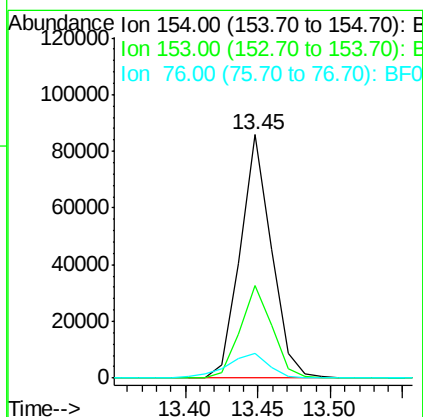
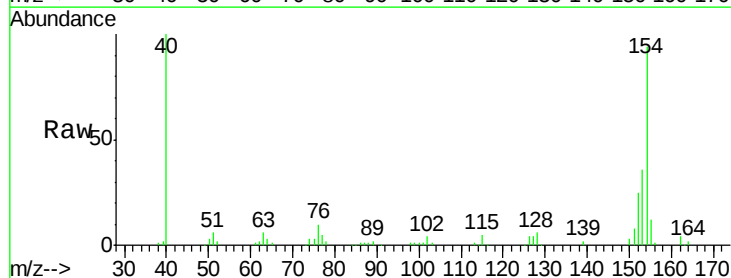
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

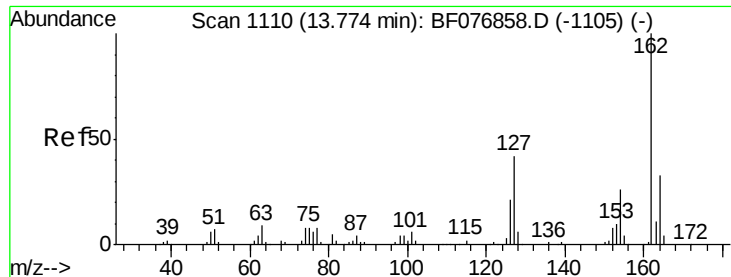
Tgt Ion:172 Resp: 234641
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.6 40.0
 170 23.5 18.0 27.0



#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

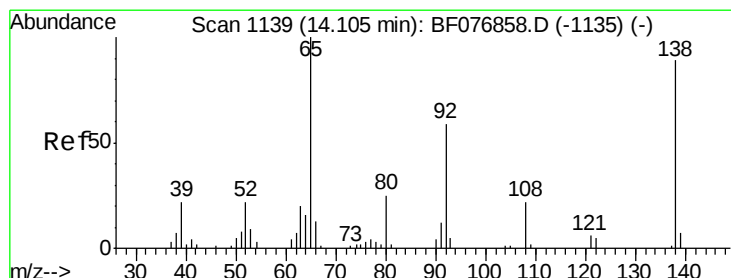
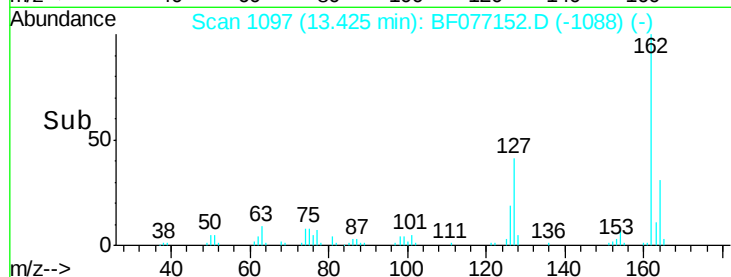
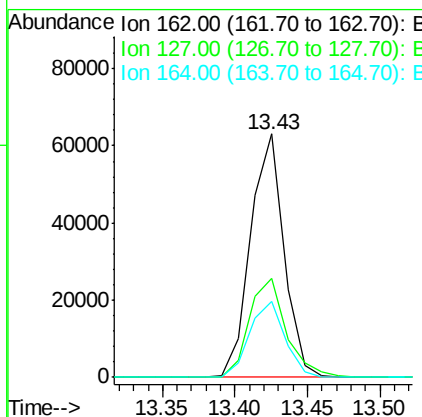
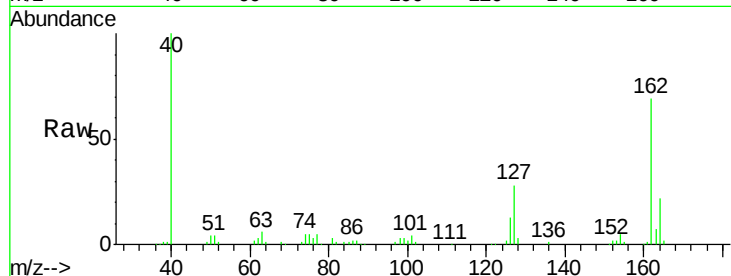




#46
2-Chloronaphthalene
Concen: 26.34 ng
RT: 13.43 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

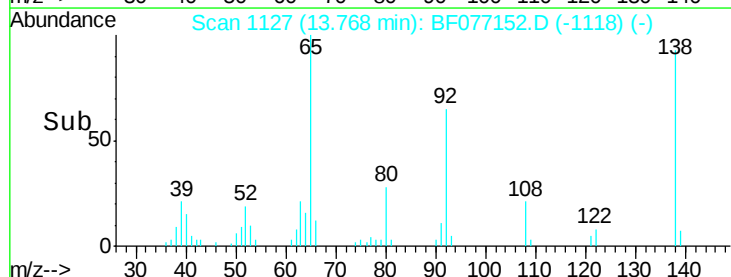
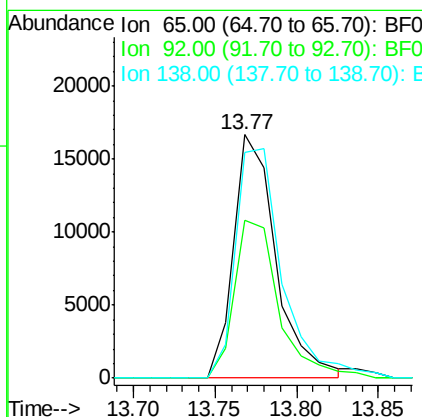
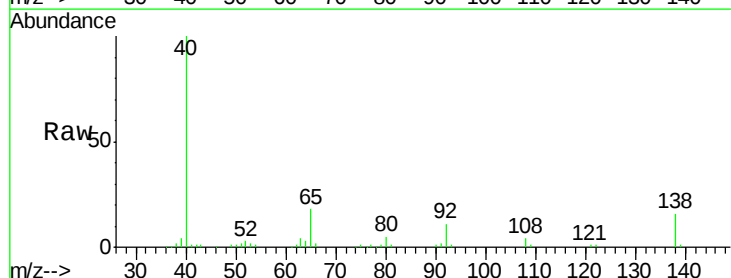
Instrument :
BNA_F
ClientSampleId :
SANDMSD

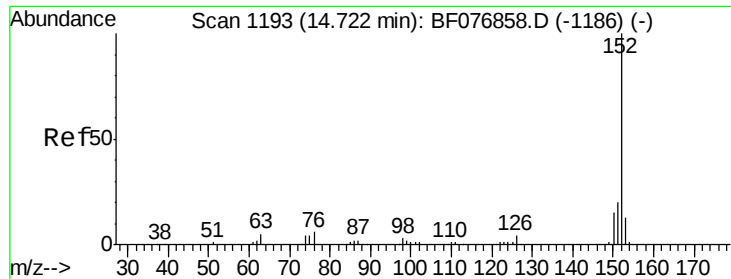
Tgt Ion: 162 Resp: 100783
Ion Ratio Lower Upper
162 100
127 40.8 33.8 50.6
164 31.1 26.8 40.2



#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 :

SANDMSD

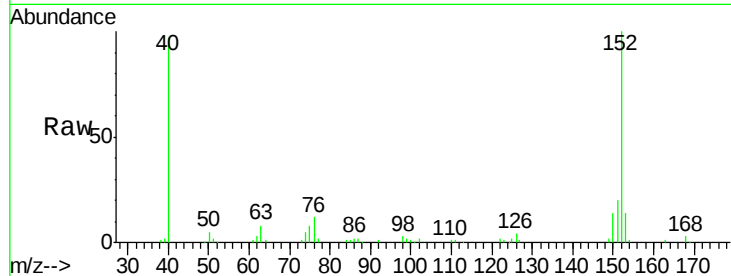
Tgt Ion:152 Resp: 164029

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

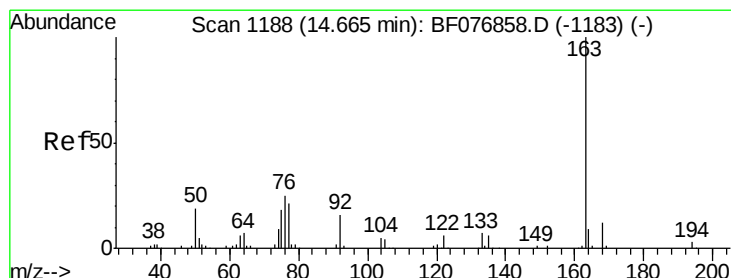
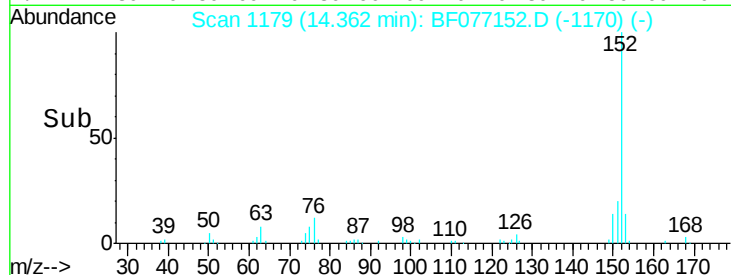
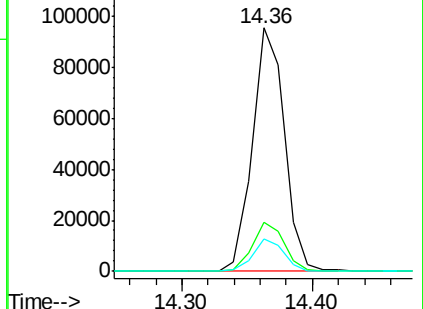
153 13.5 10.2 15.4



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

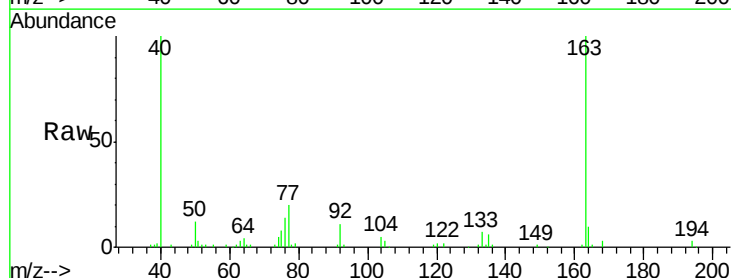
Tgt Ion:163 Resp: 138535

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

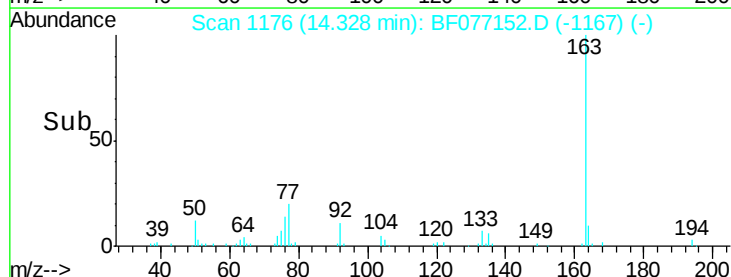
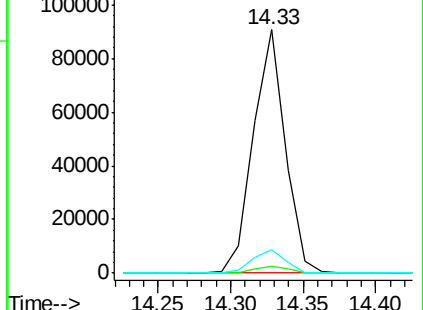
164 9.7 7.5 11.3

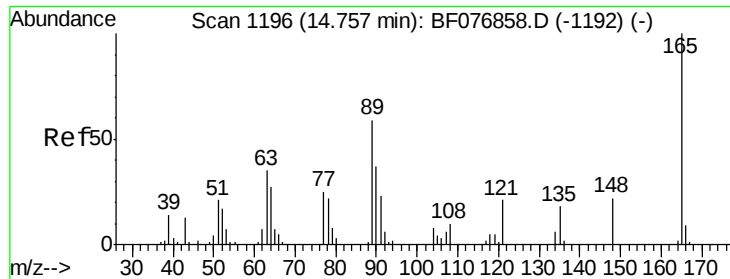


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

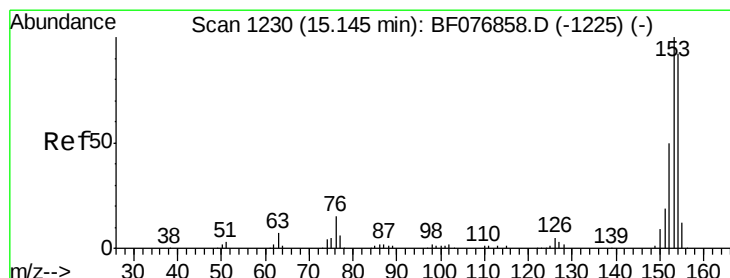
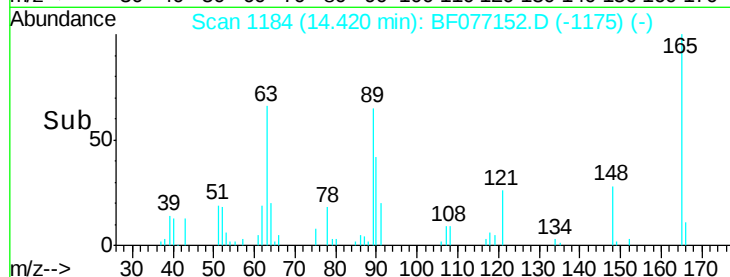
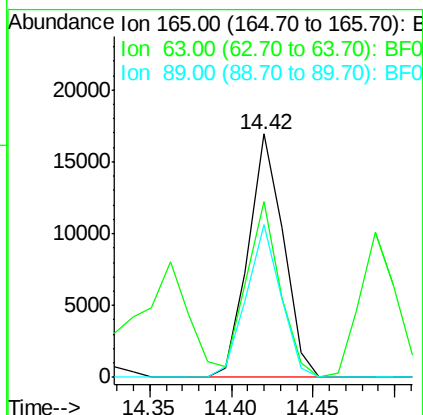
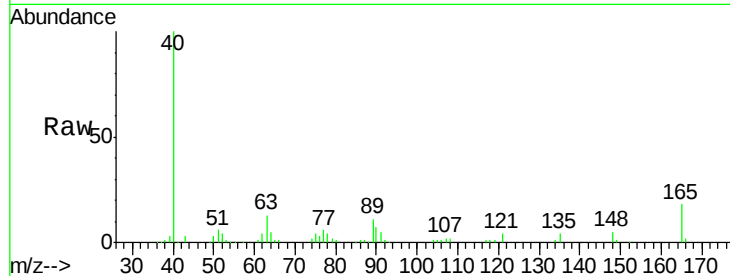




#50
2,6-Dinitrotoluene
Concen: 28.54 ng
RT: 14.42 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

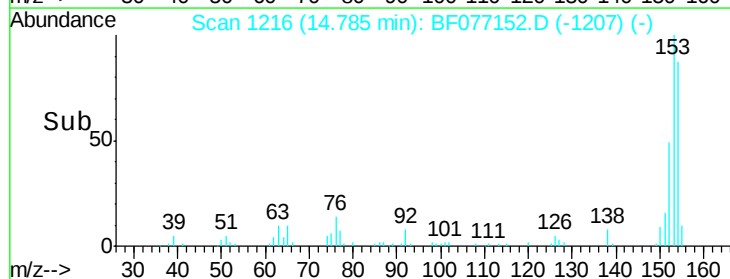
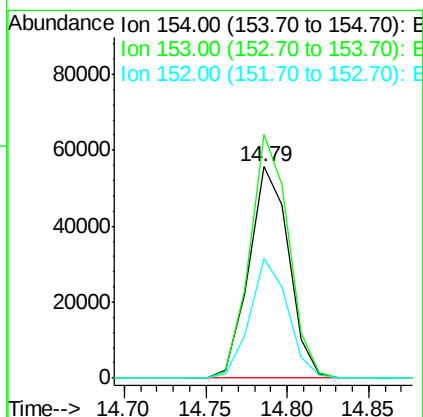
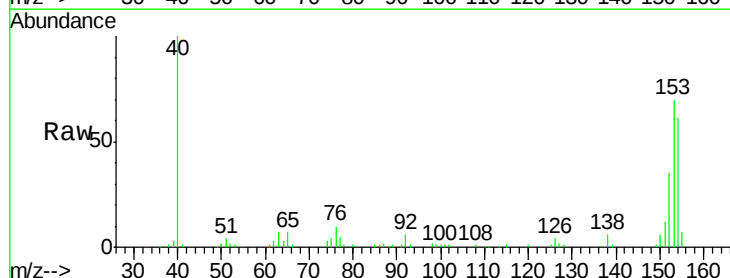
Instrument :
BNA_F
ClientSampleId :
SANDMSD

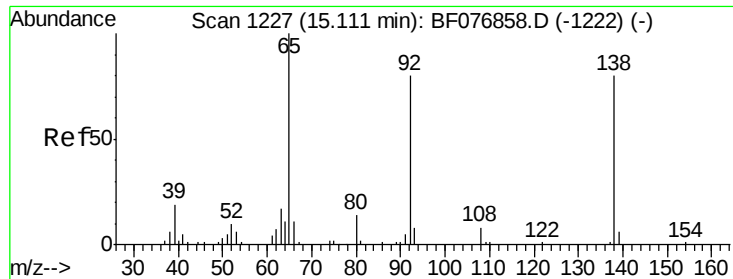
Tgt Ion:165 Resp: 25367
Ion Ratio Lower Upper
165 100
63 72.1 48.1 72.1
89 62.6 47.2 70.8



#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

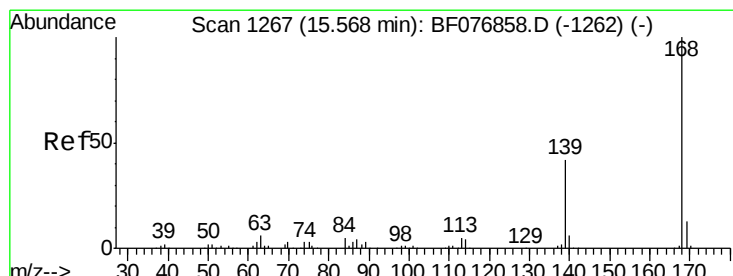
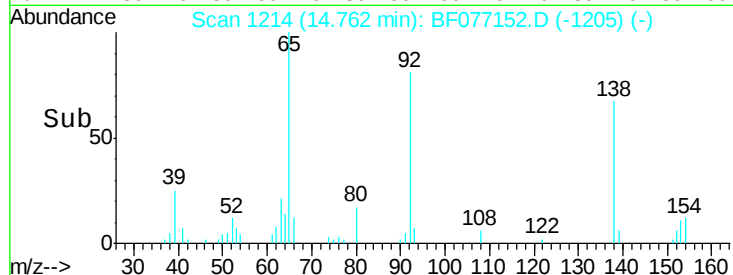
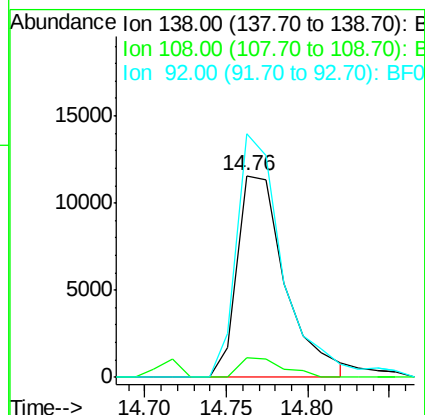
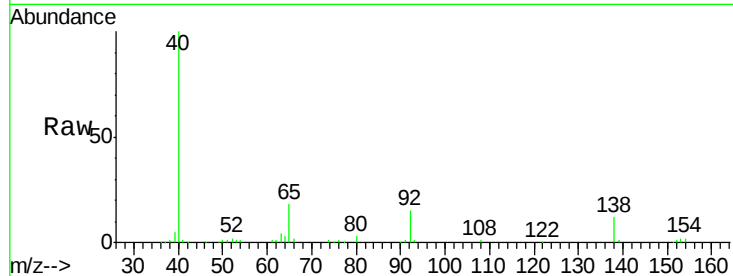




#52
3-Nitroaniline
Concen: 21.46 ng
RT: 14.76 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

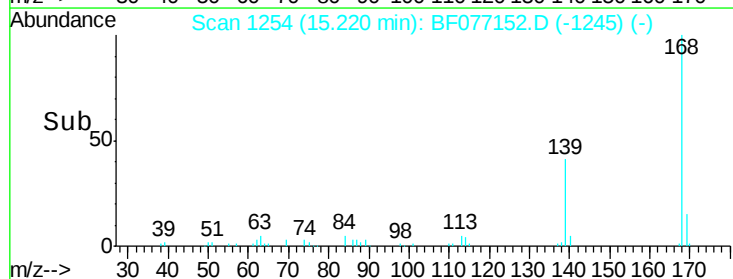
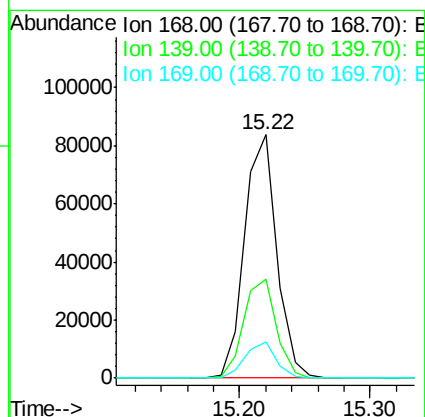
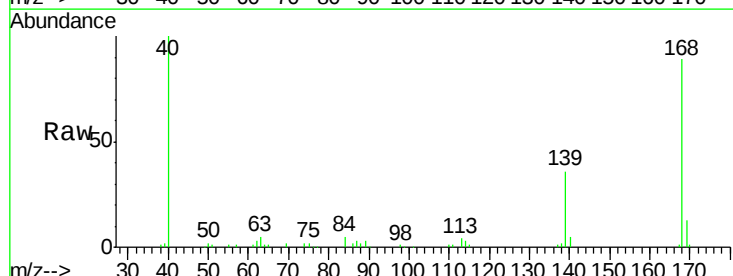
Instrument :
BNA_F
ClientSampleId :
SANDMSD

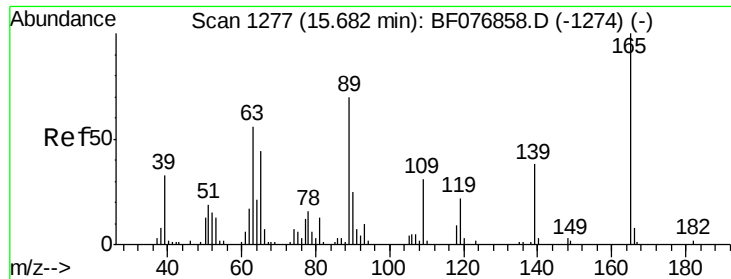
Tgt Ion:138 Resp: 23700
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 120.8 80.9 121.3



#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

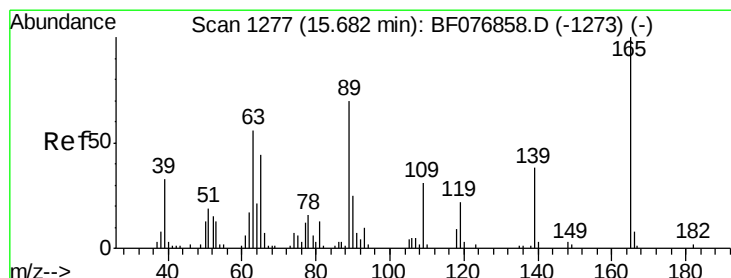
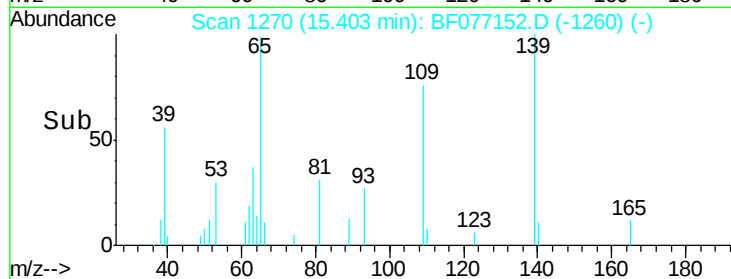
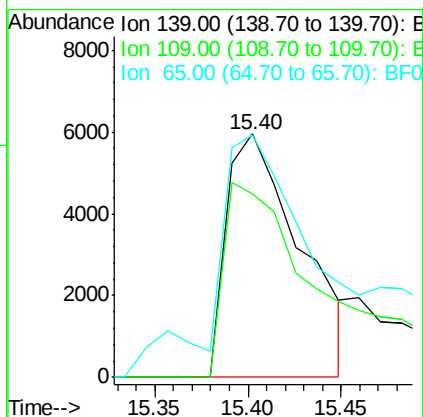
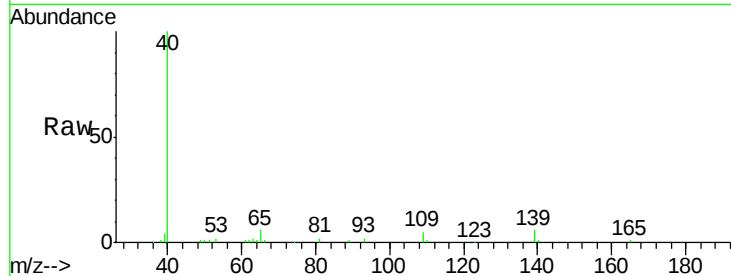




#55
4-Nitrophenol
Concen: 23.43 ng
RT: 15.40 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

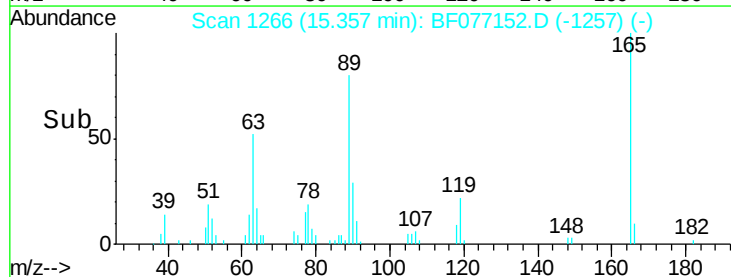
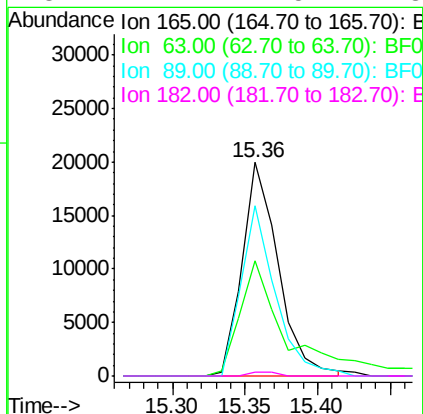
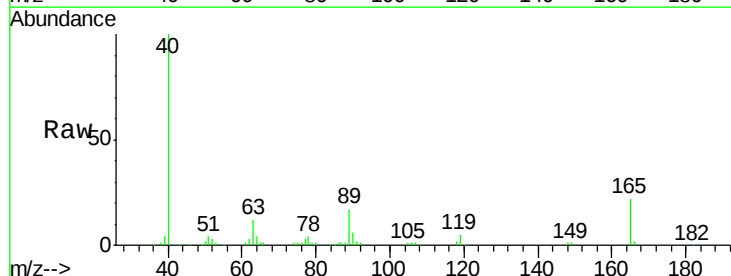
Instrument :
BNA_F
ClientSampleId :
SANDMSD

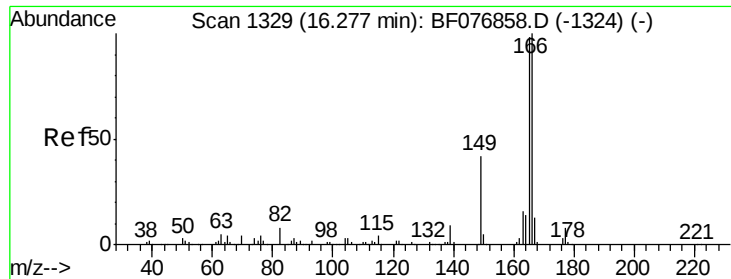
Tgt Ion:139 Resp: 16334
Ion Ratio Lower Upper
139 100
109 75.6 61.0 101.0
65 99.3 96.6 136.6



#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

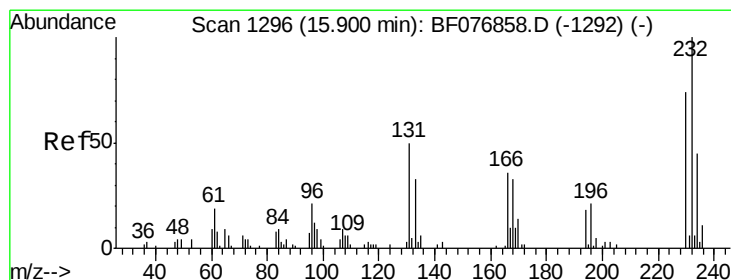
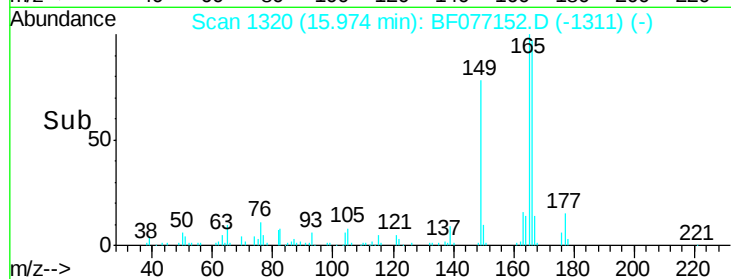
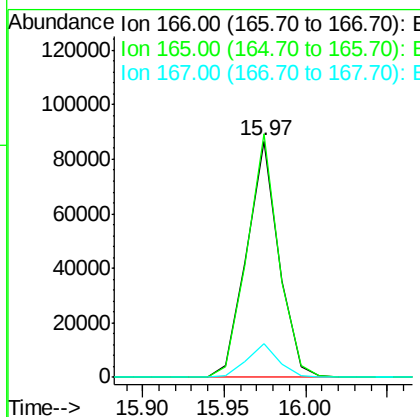
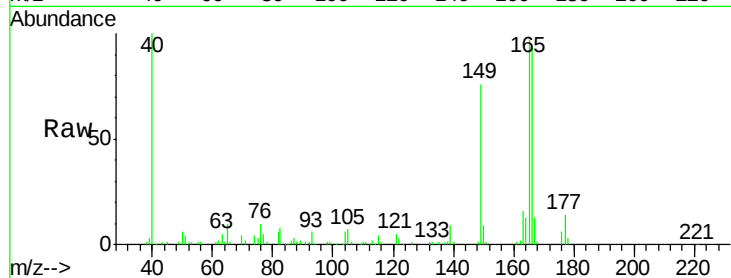




#57
 Fluorene
 Concen: 26.27 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

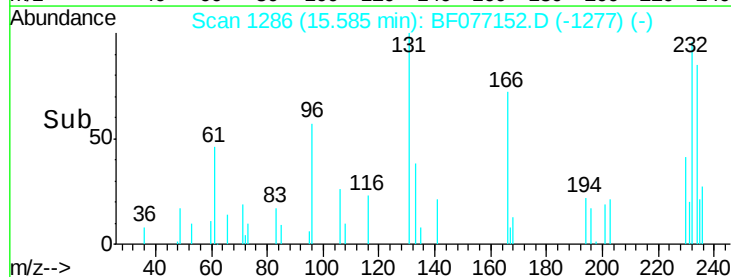
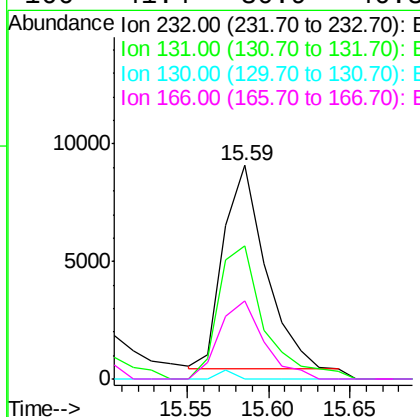
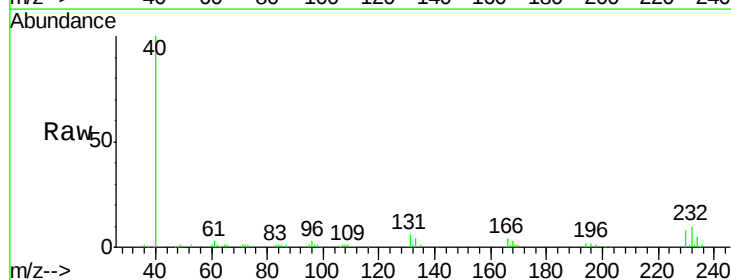
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

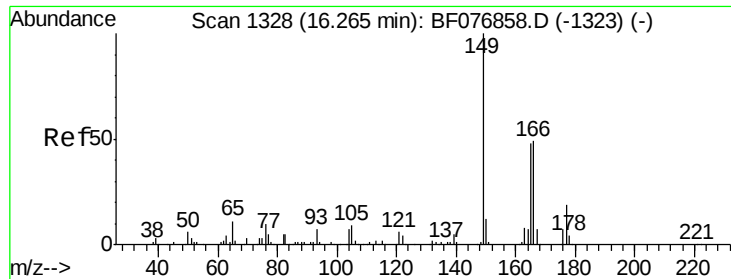
Tgt Ion:166 Resp: 118731
 Ion Ratio Lower Upper
 166 100
 165 102.9 78.5 117.7
 167 14.0 10.4 15.6



#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

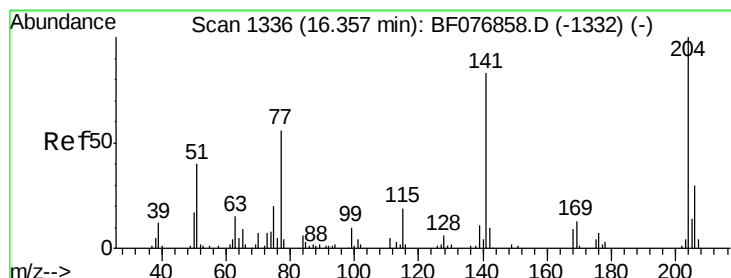
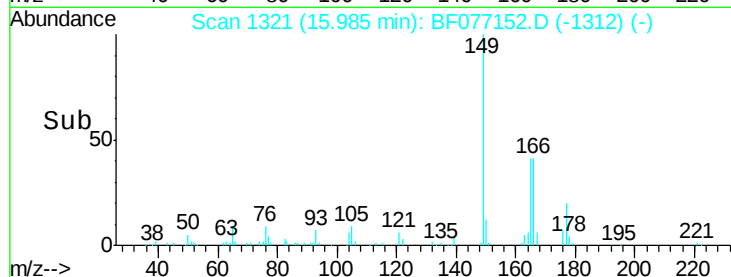
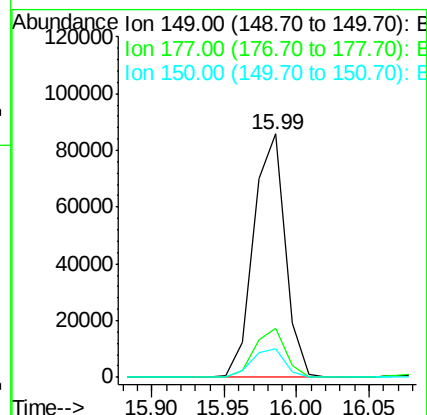
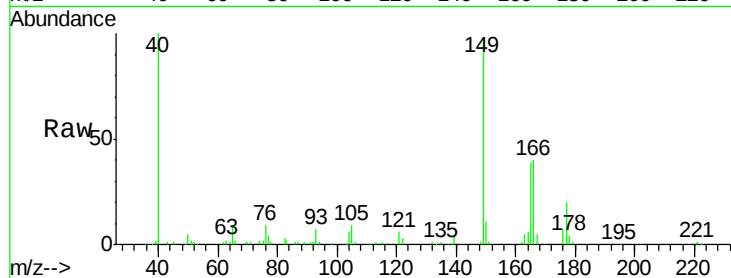




#59
Diethylphthalate
Concen: 28.79 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

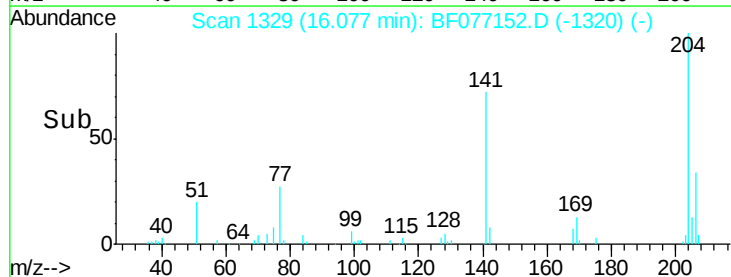
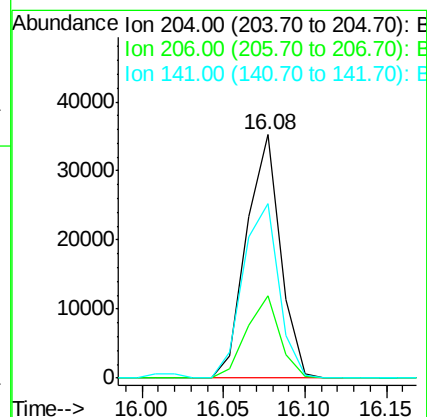
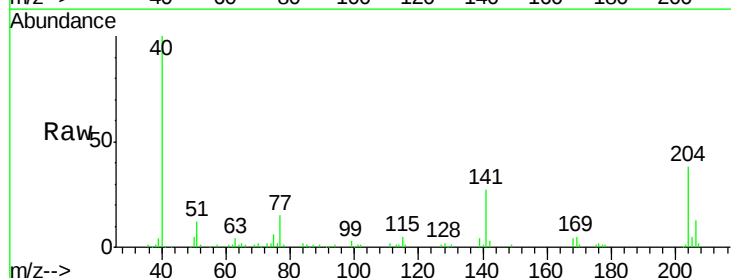
Instrument :
BNA_F
ClientSampleId :
SANDMSD

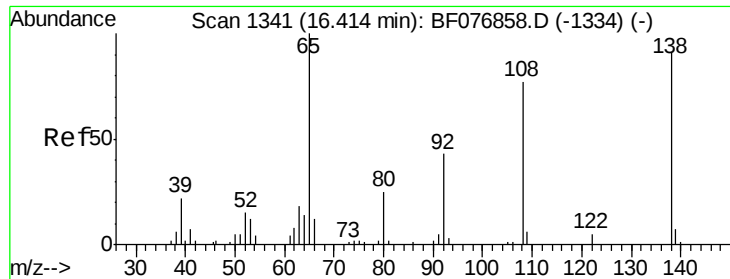
Tgt Ion:149 Resp: 129414
Ion Ratio Lower Upper
149 100
177 20.2 15.0 22.6
150 11.7 9.4 14.0



#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

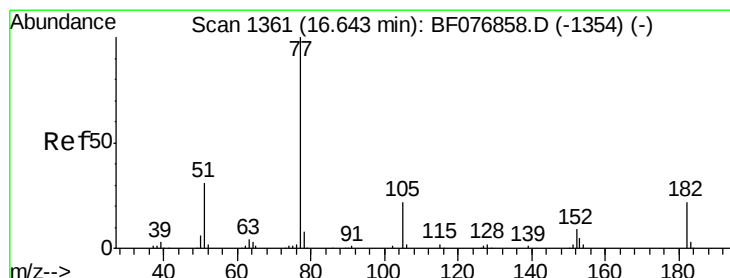
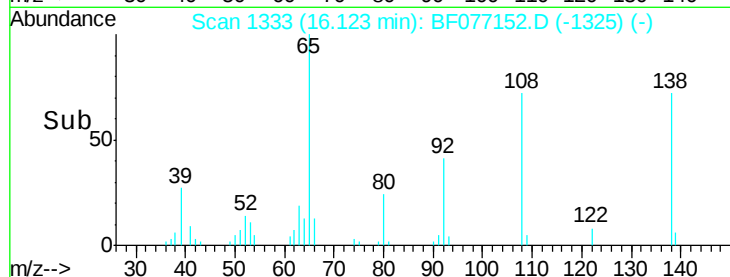
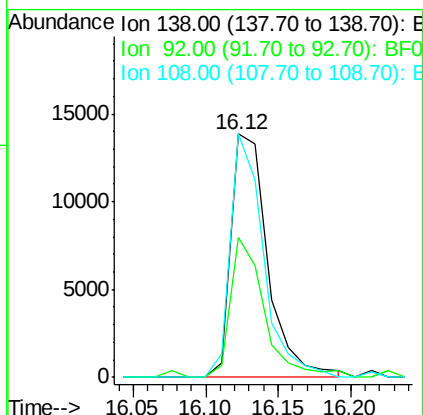
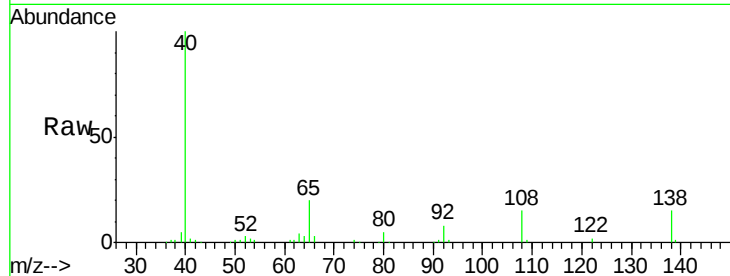




#61
4-Nitroaniline
Concen: 22.59 ng
RT: 16.12 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

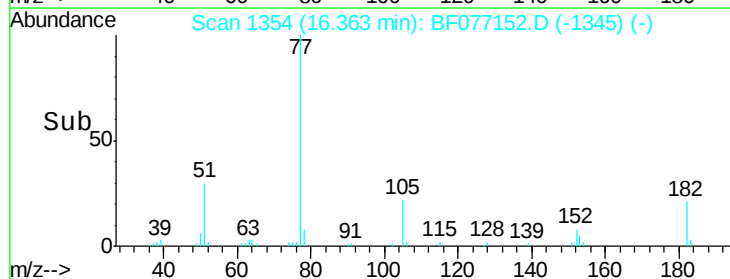
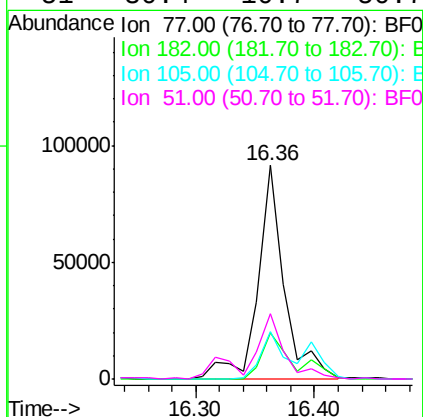
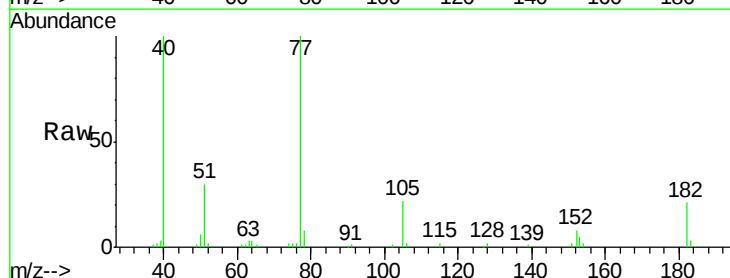
Instrument :
BNA_F
ClientSampleId :
SANDMSD

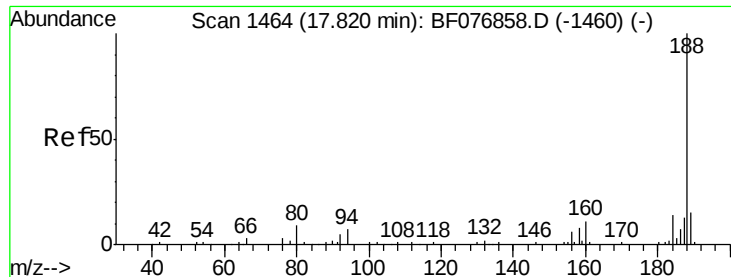
Tgt Ion: 138 Resp: 24438
Ion Ratio Lower Upper
138 100
92 57.2 26.7 66.7
108 100.0 64.5 104.5



#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

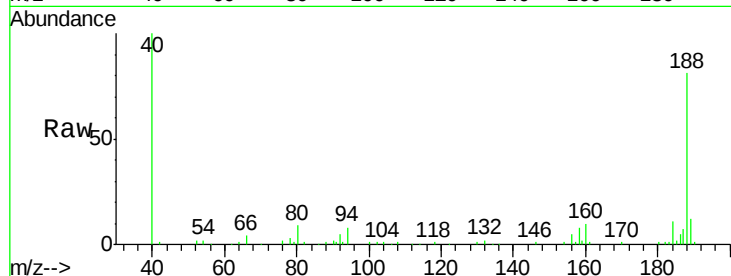




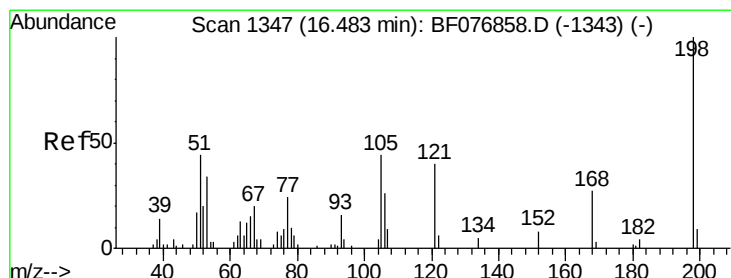
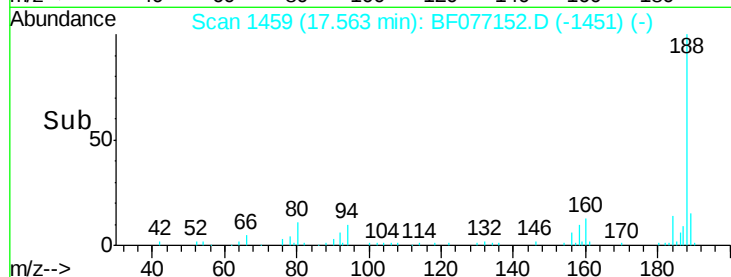
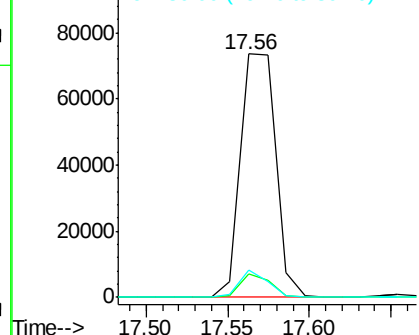
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

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

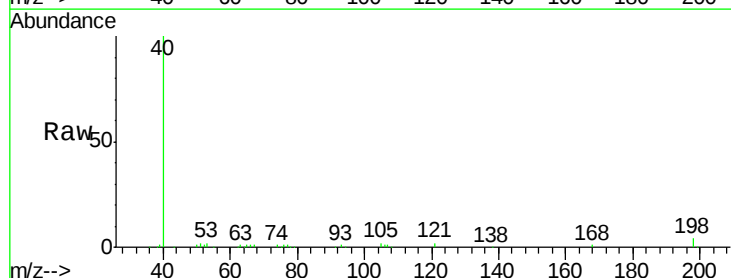


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

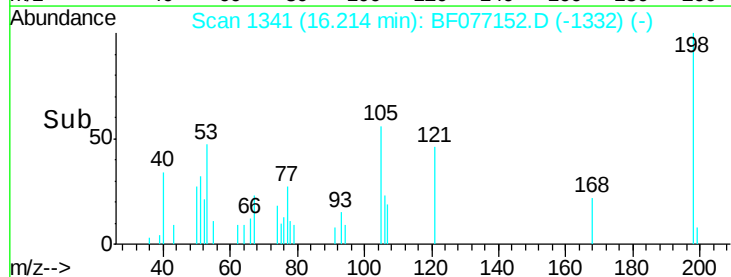
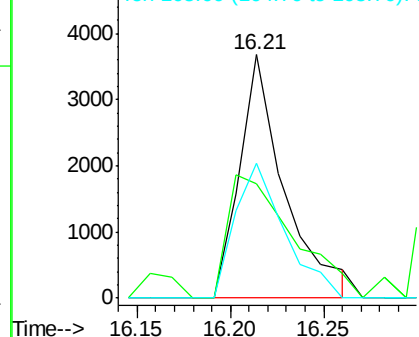


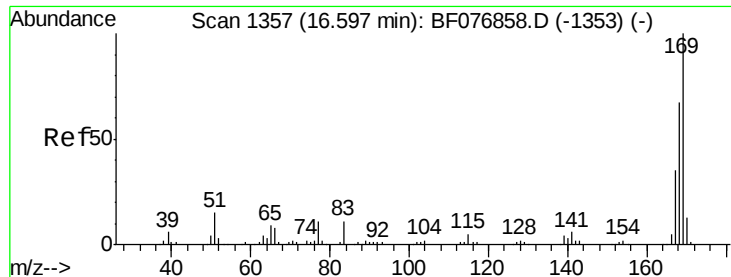
#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.49 ng
 RT: 16.21 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

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

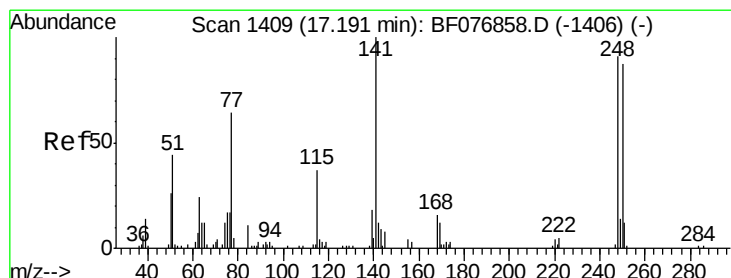
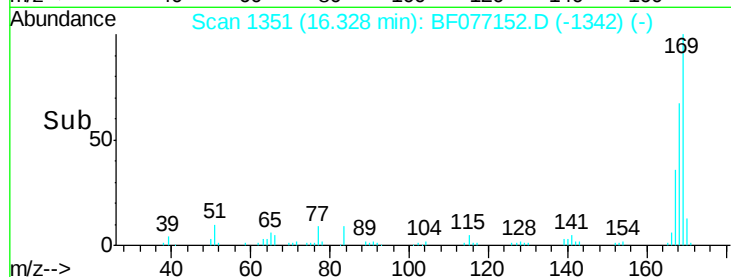
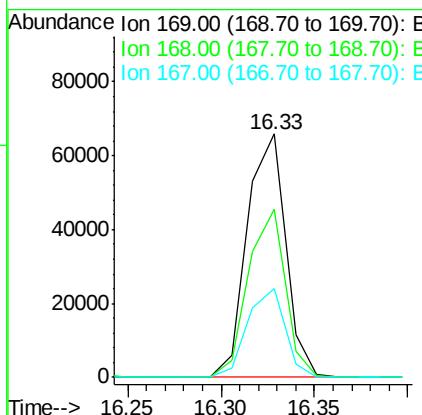
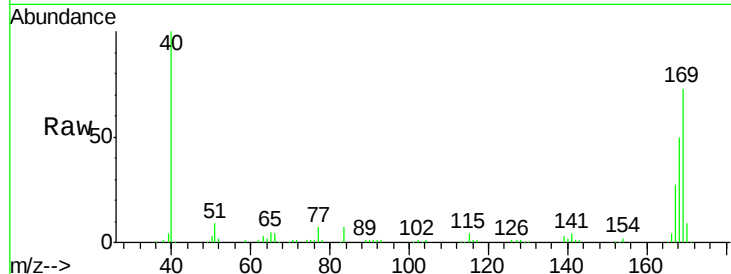




#65
 n-Nitrosodiphenylamine
 Concen: 24.14 ng
 RT: 16.33 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

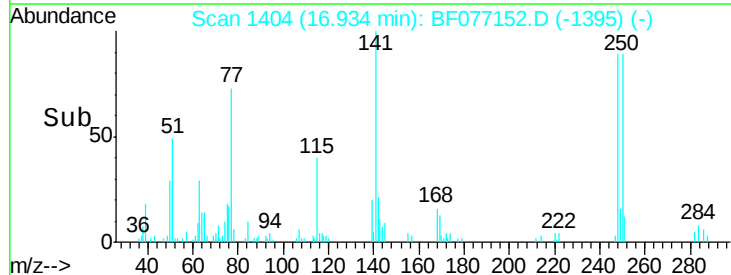
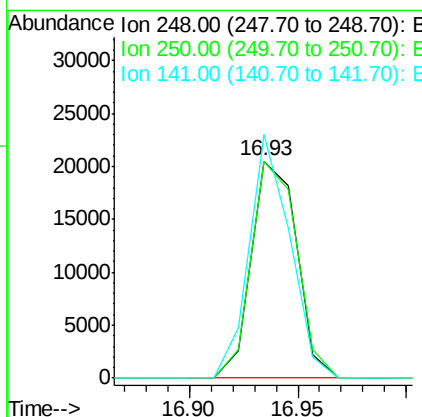
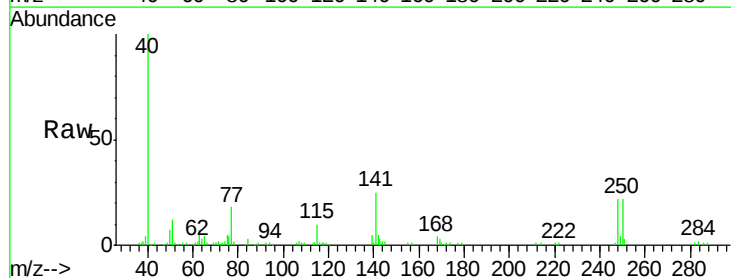
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

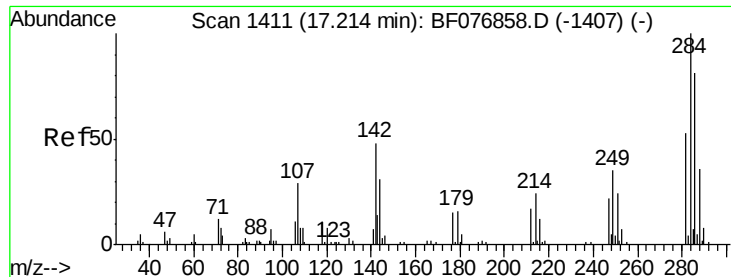
Tgt Ion:169 Resp: 94222
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.8 80.6
 167 36.5 27.8 41.6



#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 :

SANDMSD

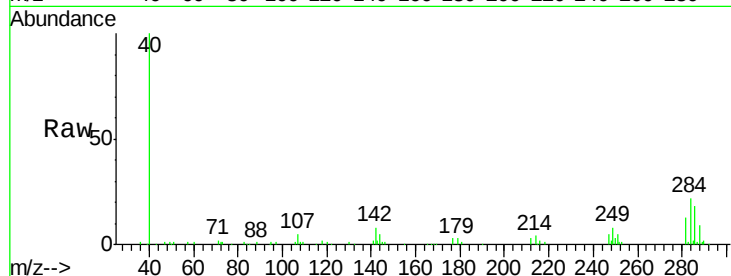
Tgt Ion:284 Resp: 29451

Ion Ratio Lower Upper

284 100

142 36.2 38.2 57.4#

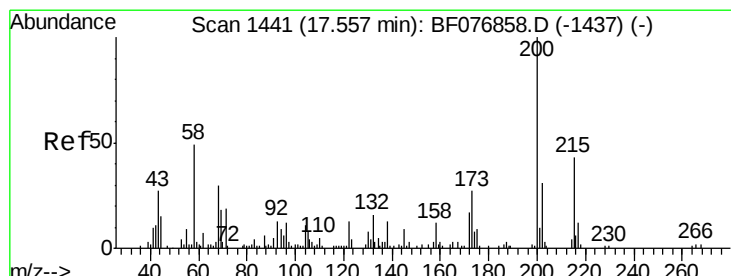
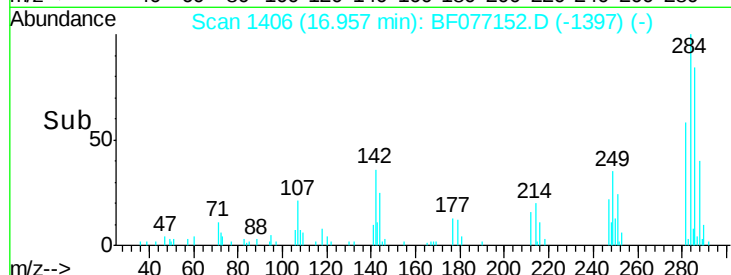
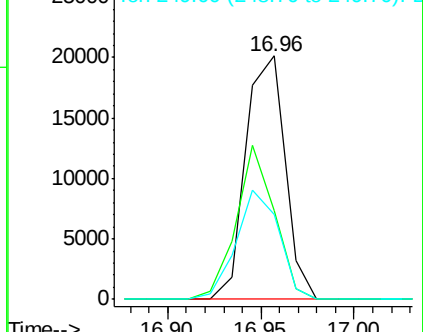
249 34.6 28.2 42.2



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

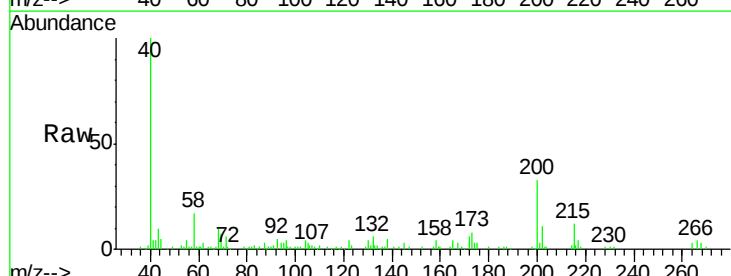
Tgt Ion:200 Resp: 34072

Ion Ratio Lower Upper

200 100

173 25.0 6.6 46.6

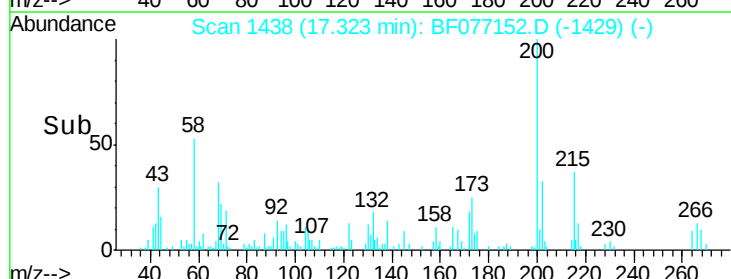
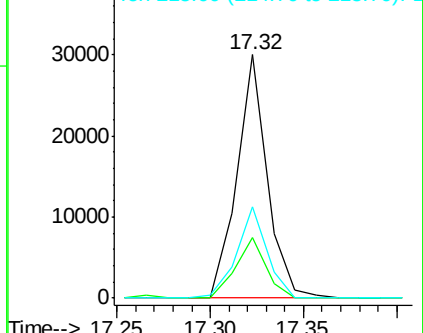
215 37.4 22.9 62.9

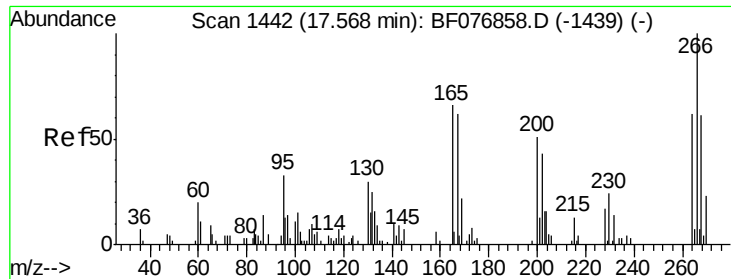


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

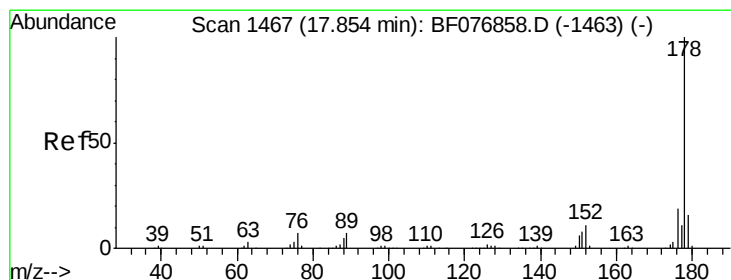
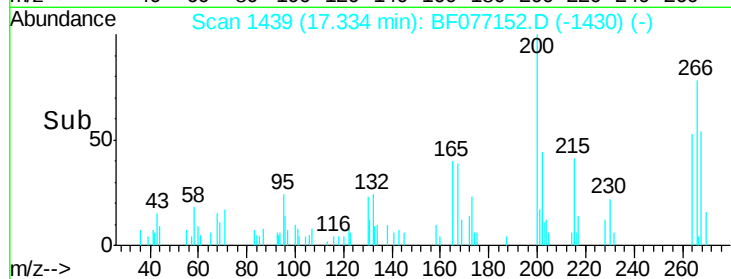
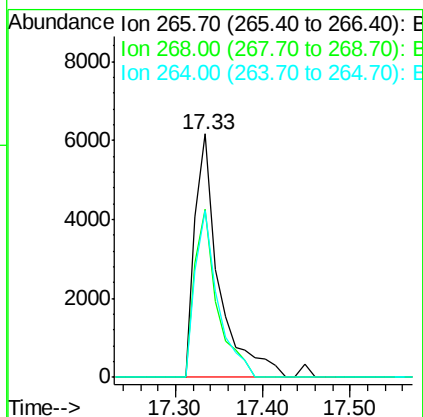
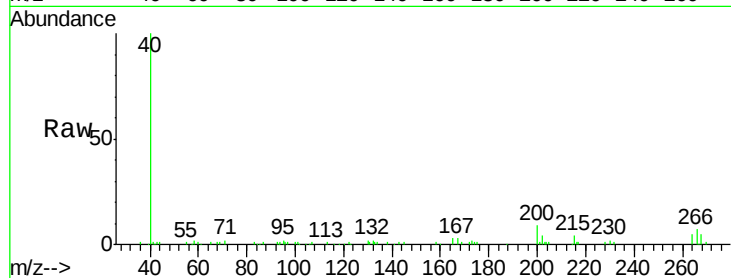




#69
 Pentachlorophenol
 Concen: 27.41 ng m
 RT: 17.33 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

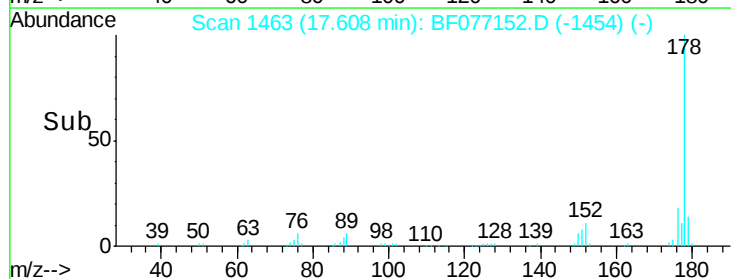
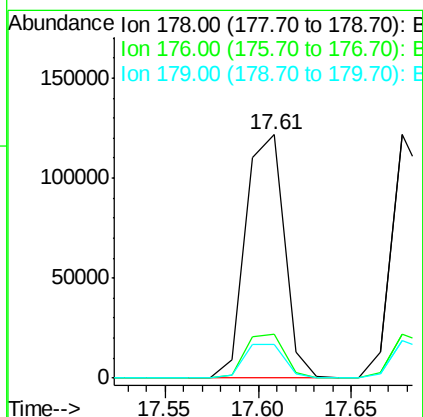
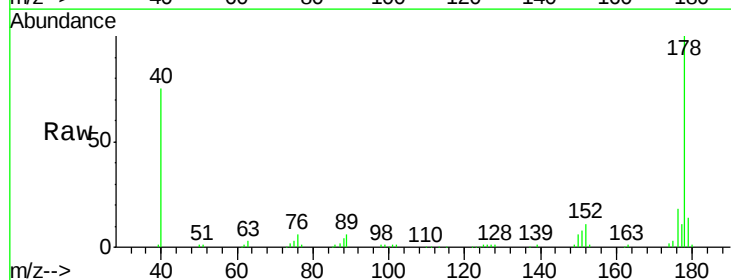
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

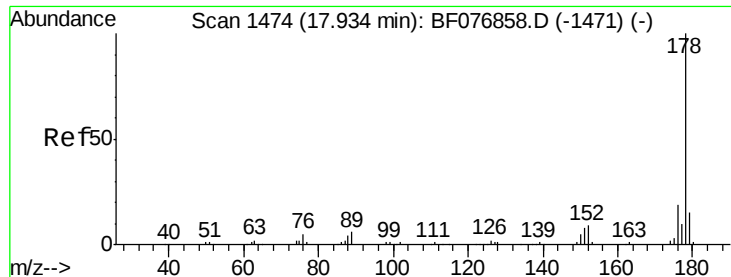
Tgt Ion:266 Resp: 12023
 Ion Ratio Lower Upper
 266 100
 268 69.1 48.6 72.8
 264 68.4 49.5 74.3



#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

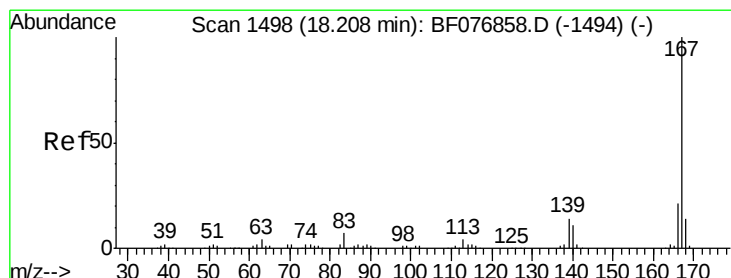
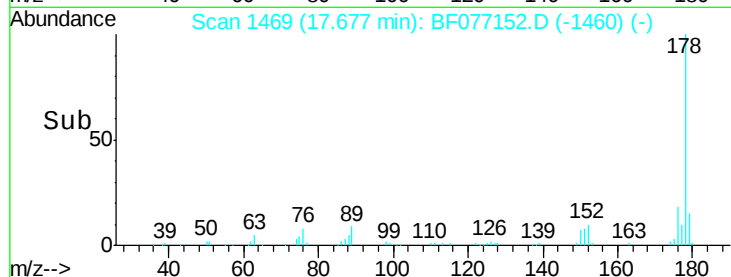
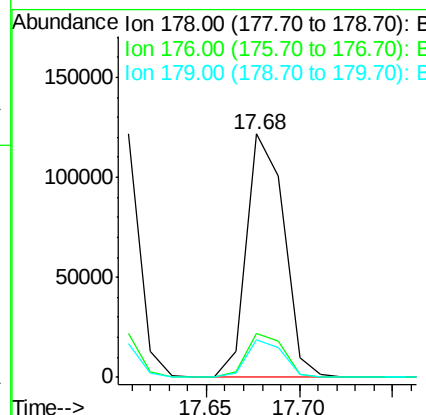
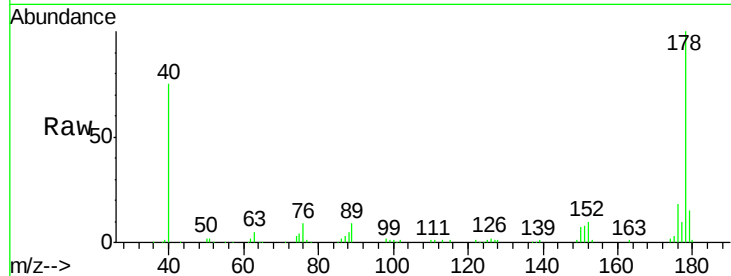




#71
 Anthracene
 Concen: 25.47 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

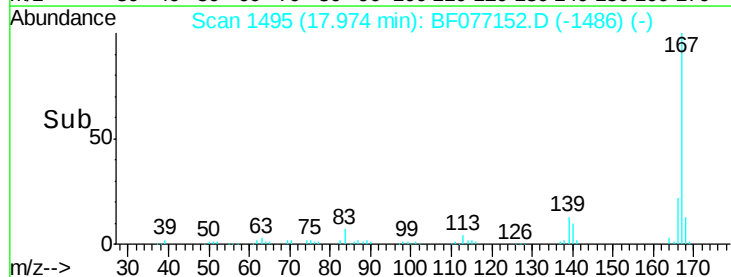
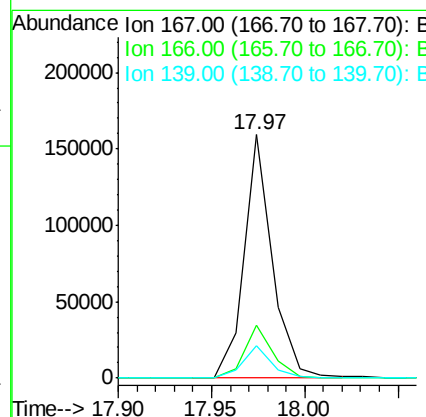
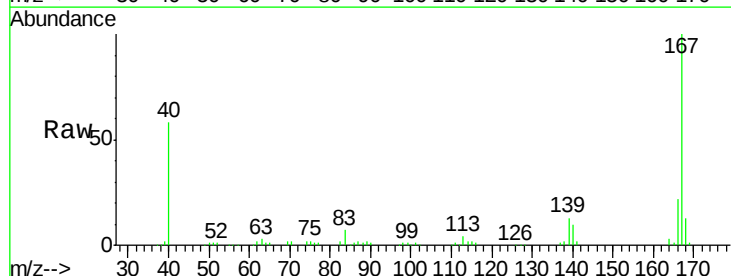
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

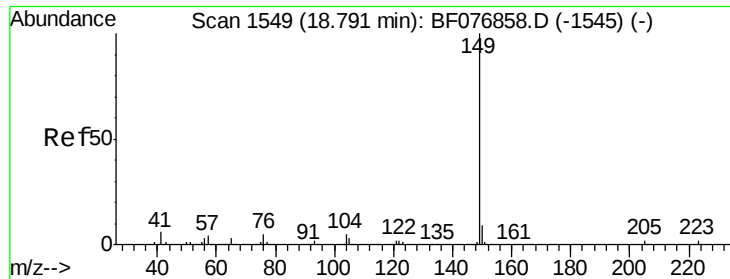
Tgt Ion:178 Resp: 169509
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.0
 179 15.3 11.9 17.9



#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 :

SANDMSD

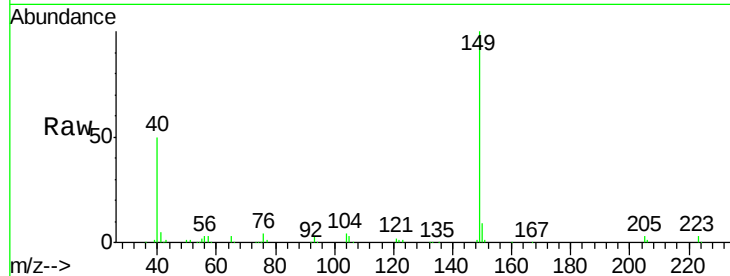
Tgt Ion:149 Resp: 216747

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

250000

200000

150000

100000

50000

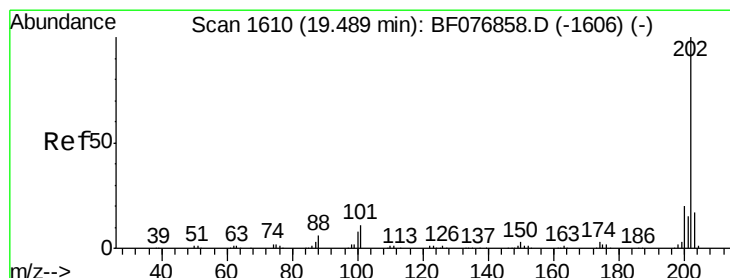
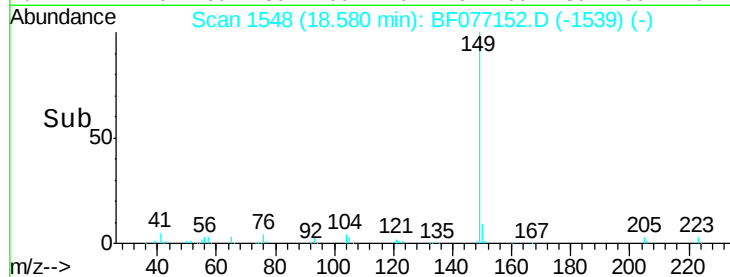
0

18.50

18.55

18.60

Time-->



#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

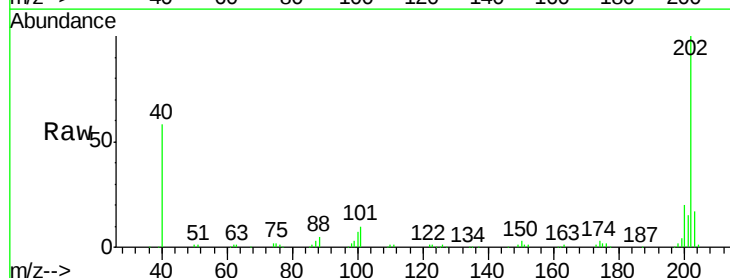
Tgt Ion:202 Resp: 184189

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

200000

150000

100000

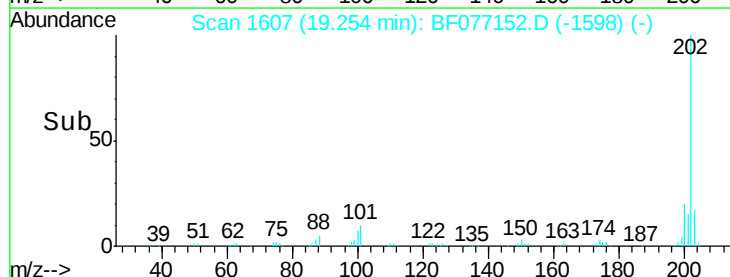
50000

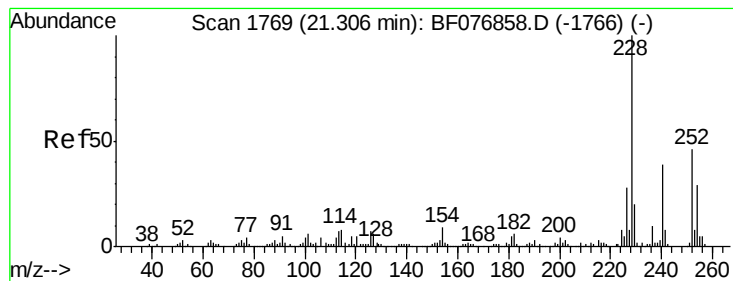
0

19.20

19.30

Time-->





#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 :

SANDMSD

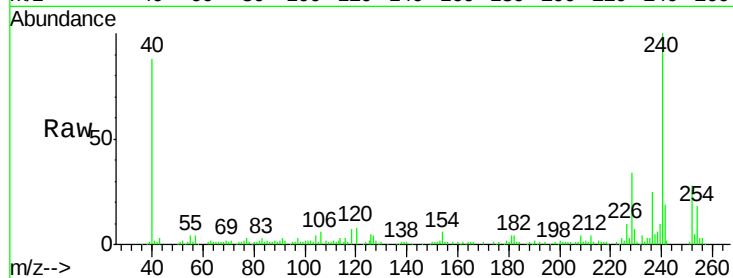
Tgt Ion:240 Resp: 108601

Ion Ratio Lower Upper

240 100

120 8.3 10.4 15.6#

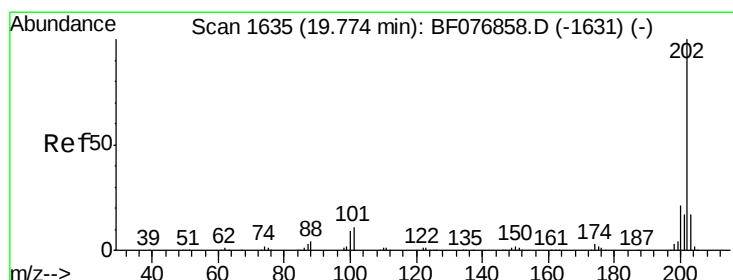
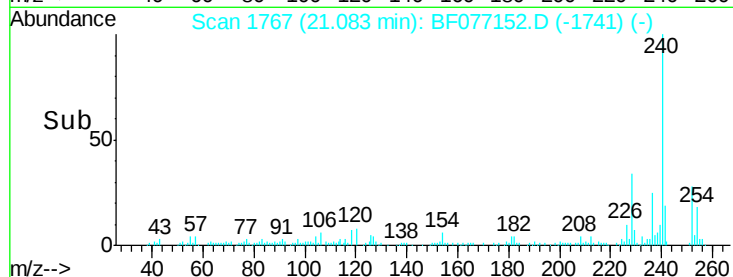
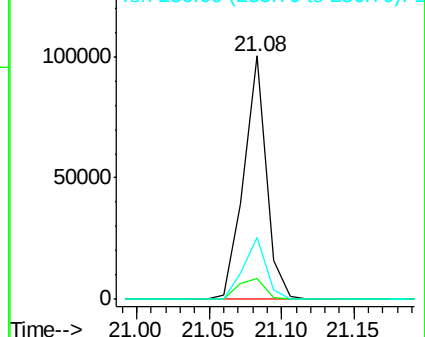
236 25.4 20.2 30.2



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



#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

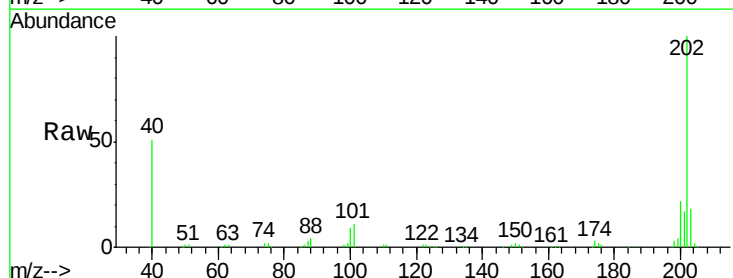
Tgt Ion:202 Resp: 190243

Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

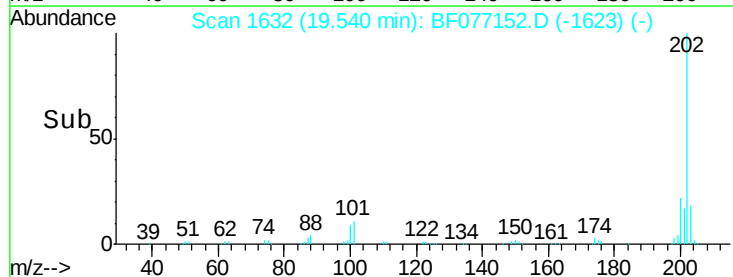
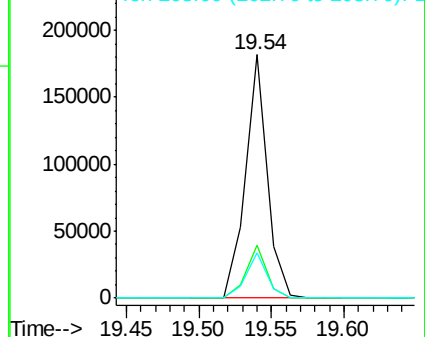
203 18.4 14.0 21.0

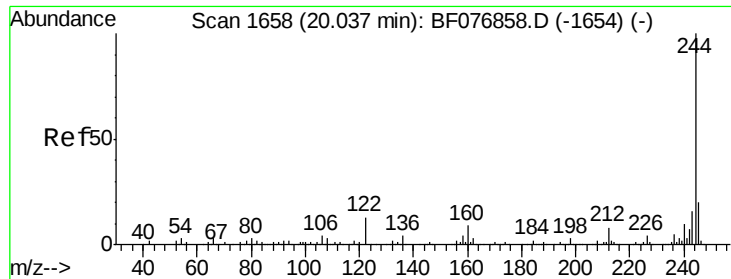


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

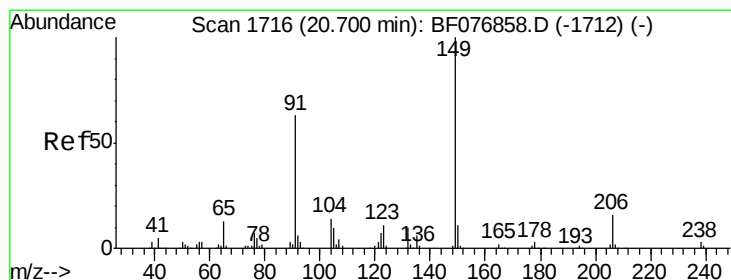
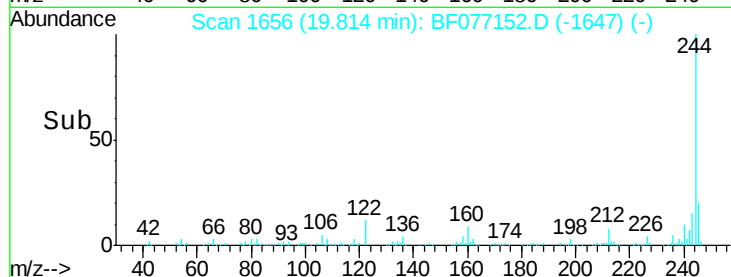
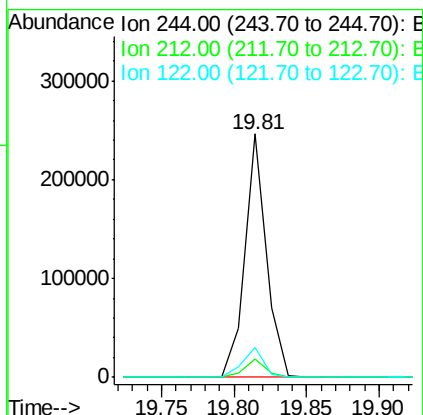
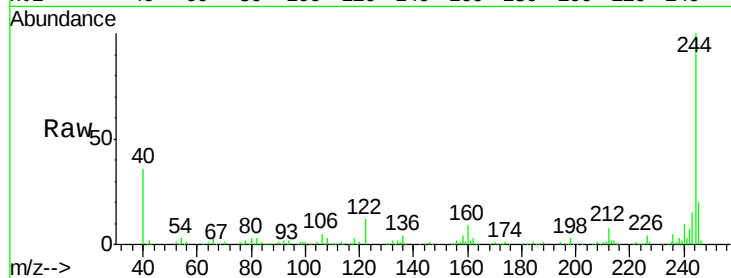




#78
 Terphenyl-d14
 Concen: 53.69 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF077152.D
 Acq: 30 Jan 2015 18:07

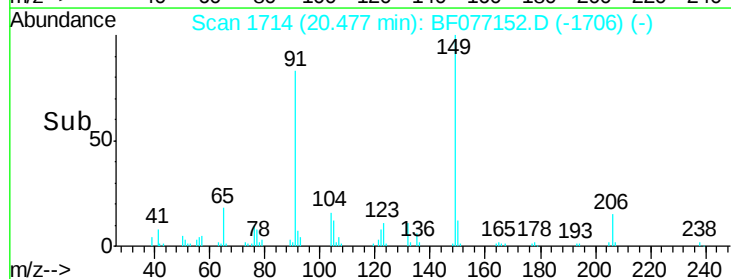
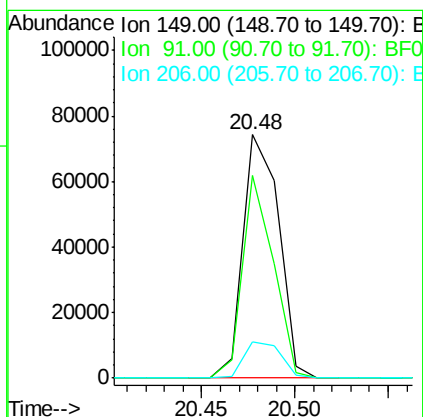
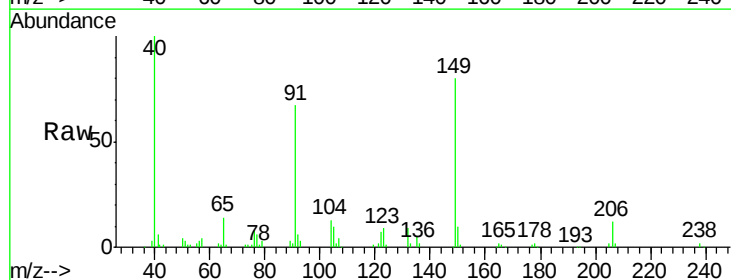
Instrument :
 BNA_F
 ClientSampleId :
 SANDMSD

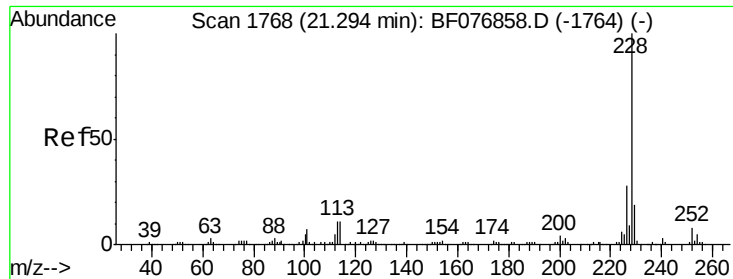
Tgt Ion: 244 Resp: 253255
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 12.4 10.1 15.1



#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





#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 :

SANDMSD

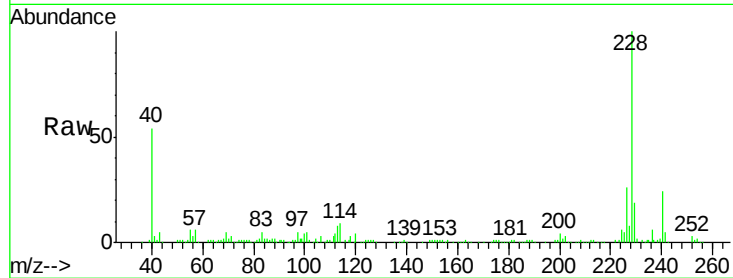
Tgt Ion:228 Resp: 181563

Ion Ratio Lower Upper

228 100

226 26.0 22.1 33.1

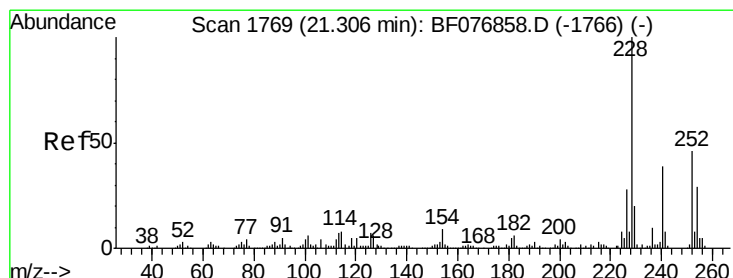
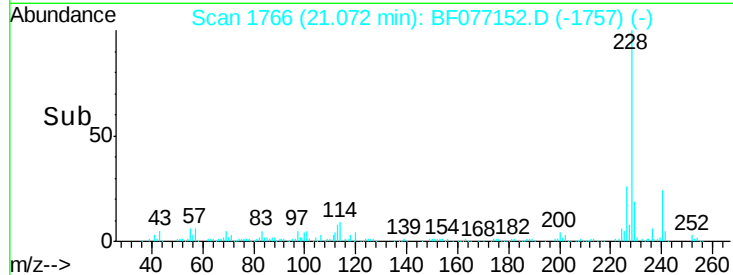
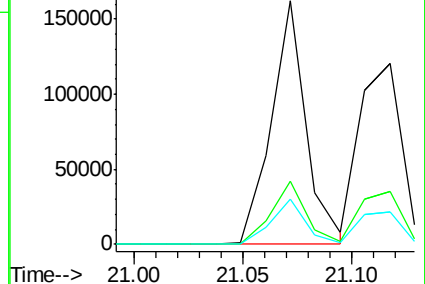
229 18.8 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

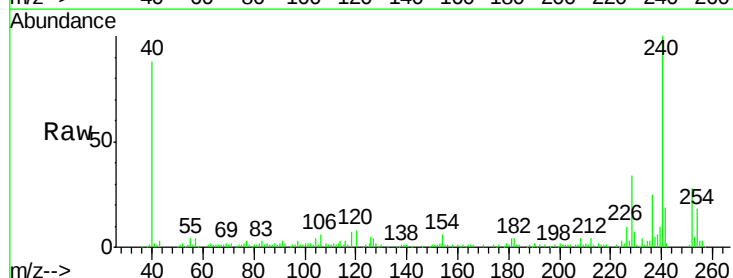
Tgt Ion:252 Resp: 33821

Ion Ratio Lower Upper

252 100

254 65.1 50.2 75.4

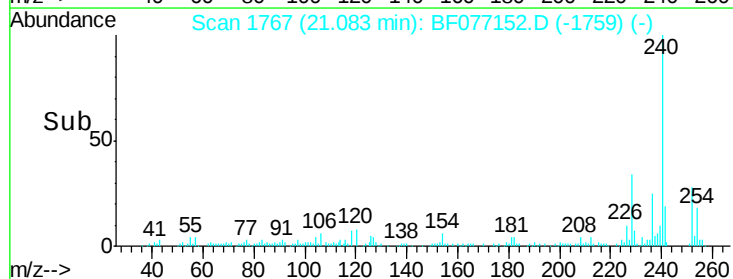
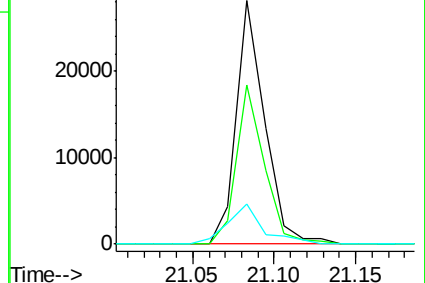
126 16.5 11.5 17.3

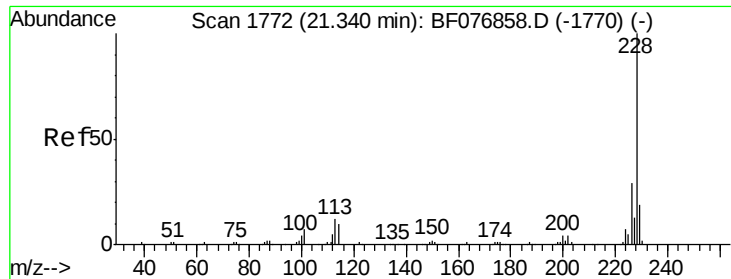


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 26.34 ng m

RT: 21.12 min Scan# 1770

Delta R.T. 0.05 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

SANDMSD

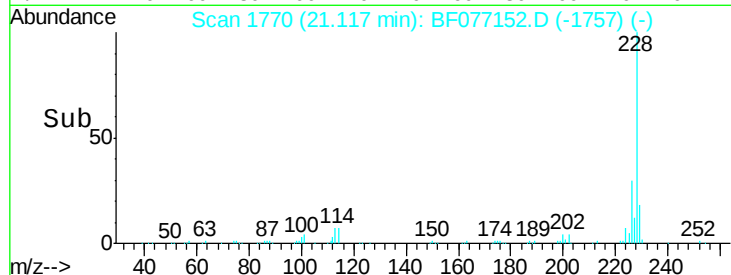
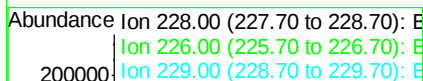
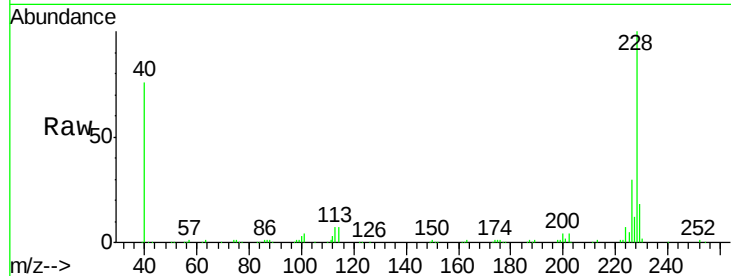
Tgt Ion: 228 Resp: 163641

Ion Ratio Lower Upper

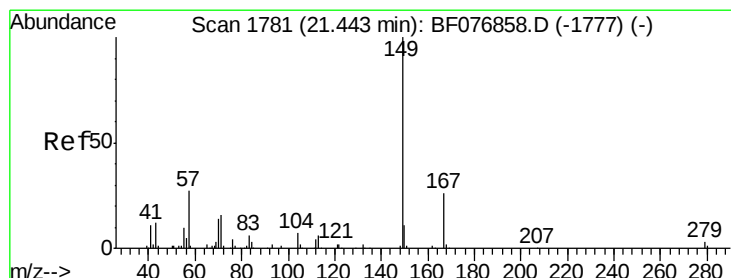
228 100

226 29.6 23.4 35.0

229 17.7 15.4 23.0



Time-->



#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

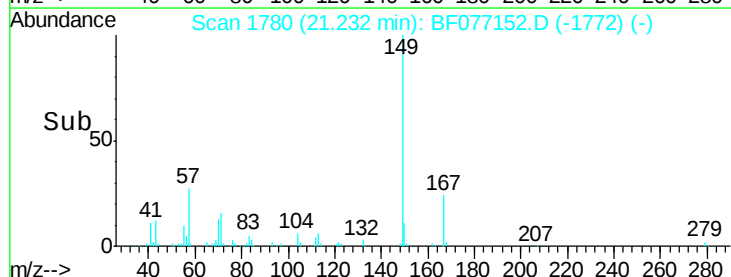
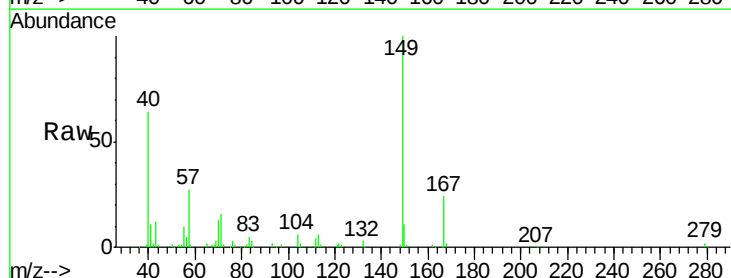
Tgt Ion: 149 Resp: 152011

Ion Ratio Lower Upper

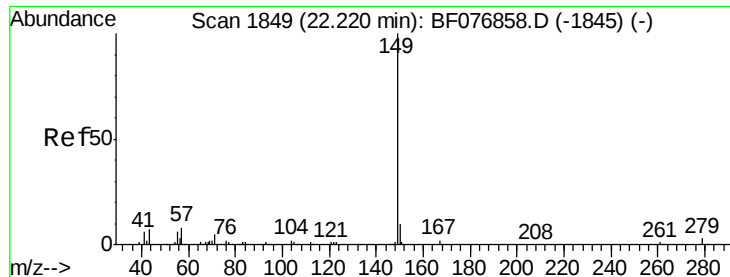
149 100

167 24.3 20.6 30.8

279 2.3 2.2 3.2



Time-->



#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 :

SANDMSD

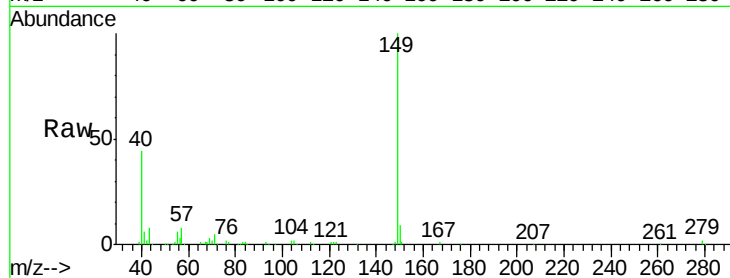
Tgt Ion:149 Resp: 246290

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

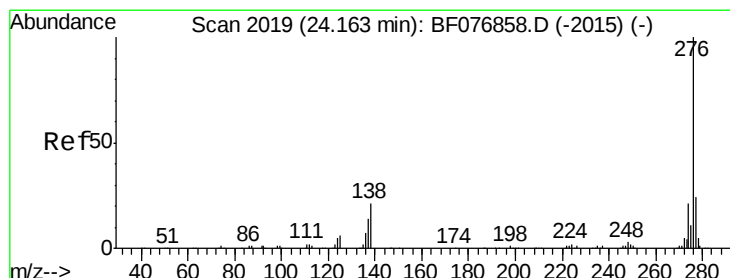
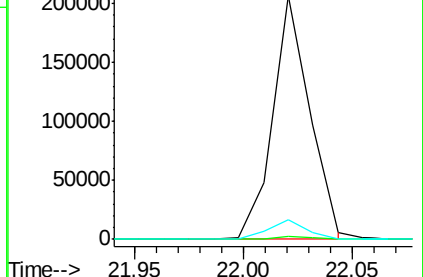
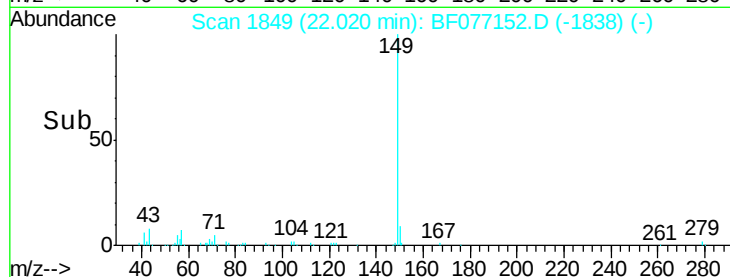
43 8.7 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 24.67 ng m

RT: 24.00 min Scan# 2022

Delta R.T. 0.14 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

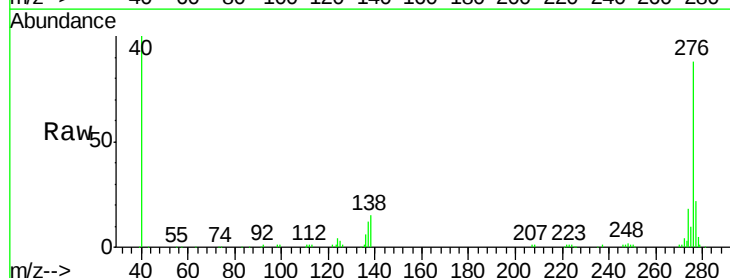
Tgt Ion:276 Resp: 162440

Ion Ratio Lower Upper

276 100

138 0.0 14.6 22.0#

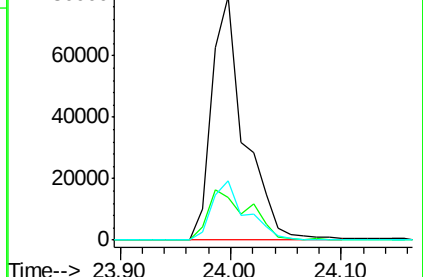
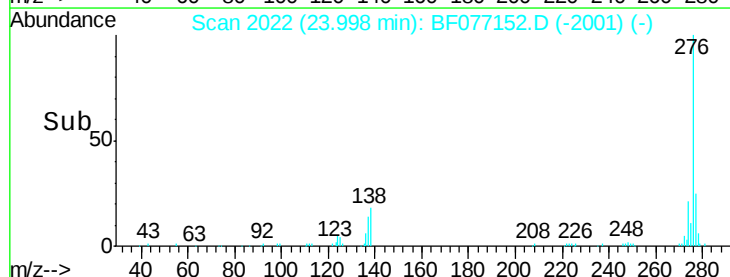
277 0.0 14.8 22.2#

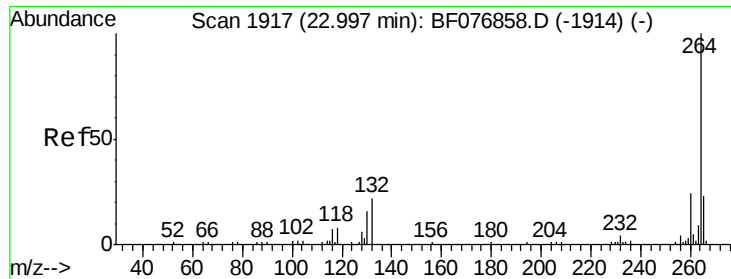


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

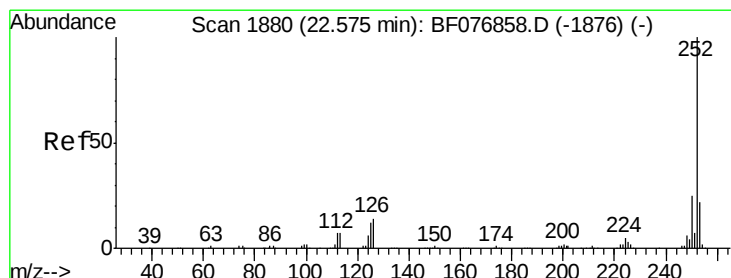
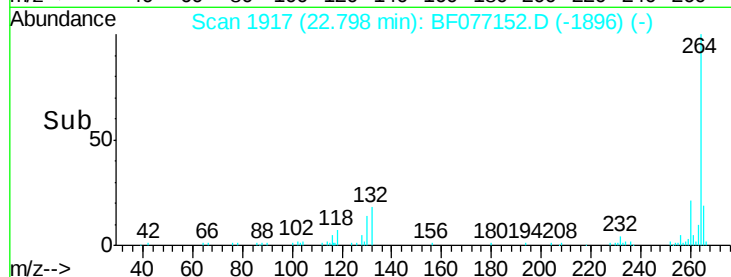
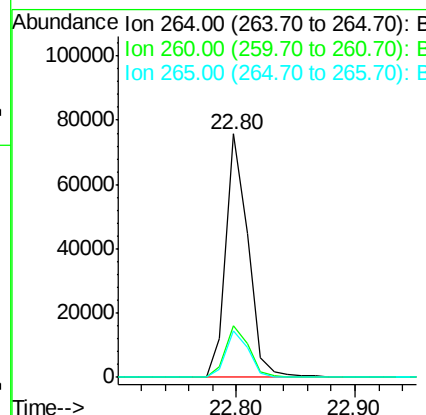
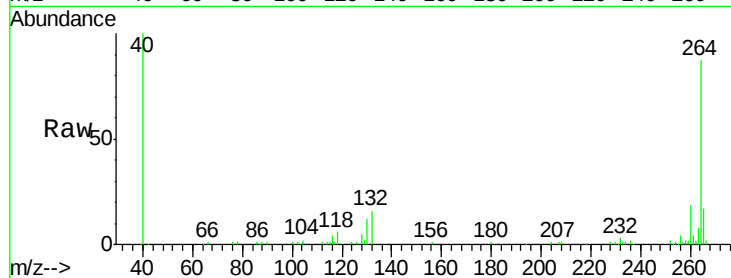




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.80 min Scan# 1917
Delta R.T. -0.06 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

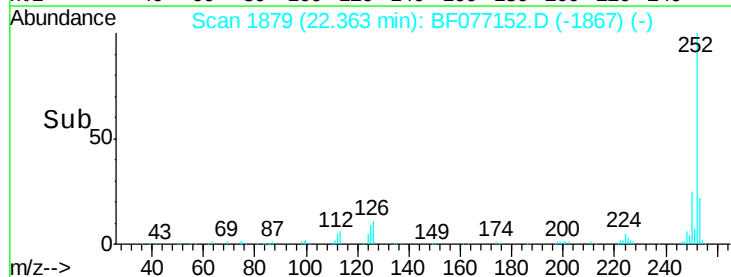
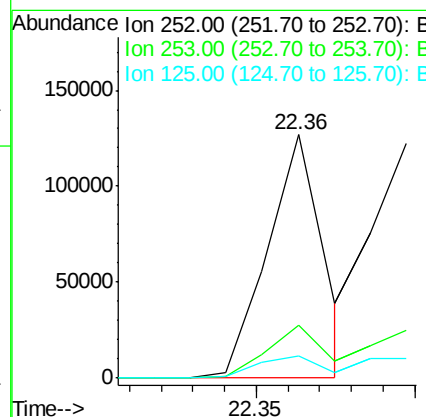
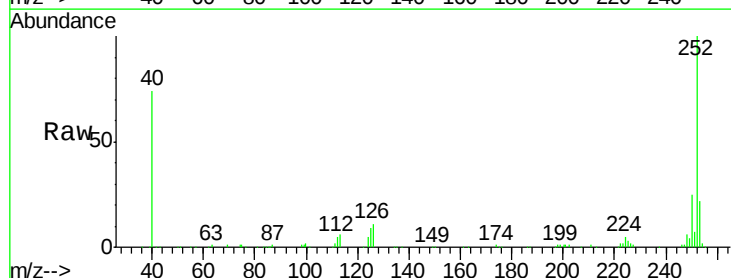
Instrument :
BNA_F
ClientSampleId :
SANDMSD

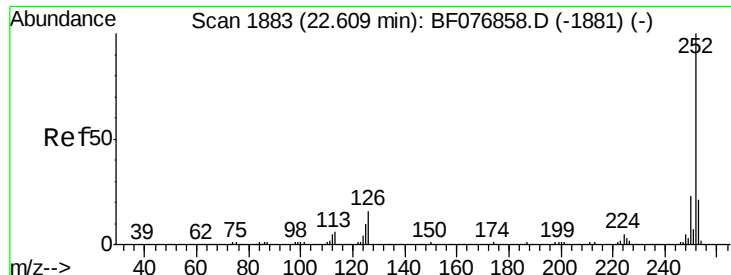
Tgt Ion:264 Resp: 97641
Ion Ratio Lower Upper
264 100
260 21.4 19.0 28.4
265 19.2 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 23.41 ng m
RT: 22.36 min Scan# 1879
Delta R.T. 0.04 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion:252 Resp: 153971
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.9 9.4 14.0#

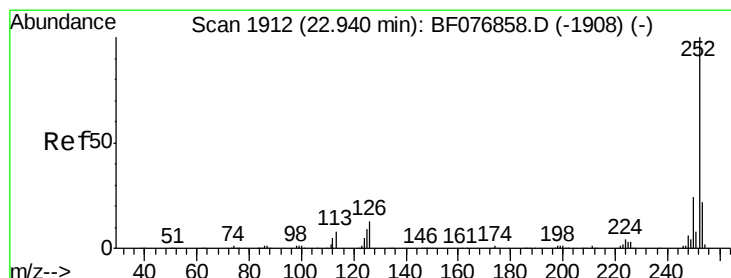
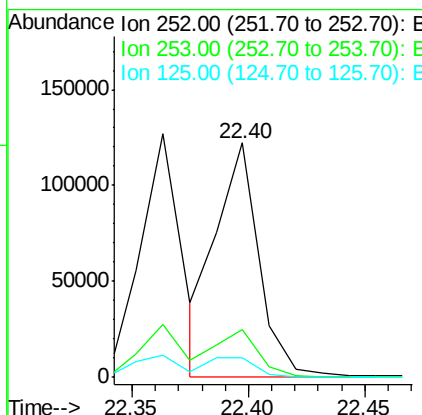
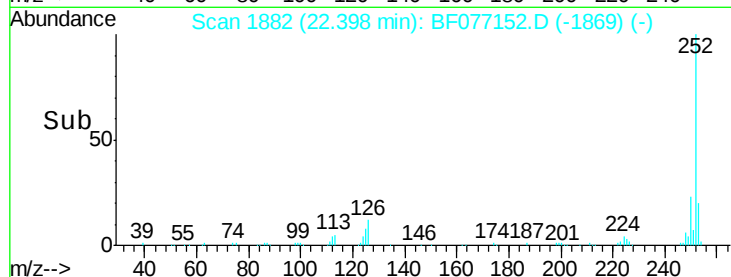
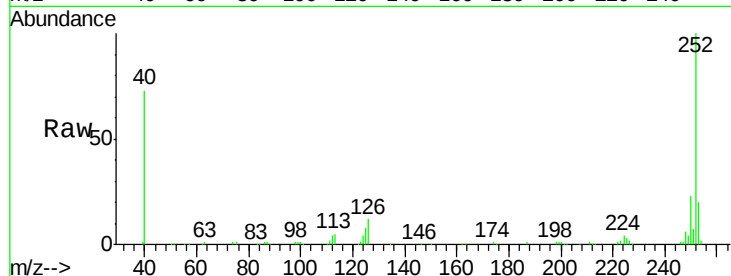




#88
Benzo(k)fluoranthene
Concen: 27.76 ng m
RT: 22.40 min Scan# 1882
Delta R.T. 0.05 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

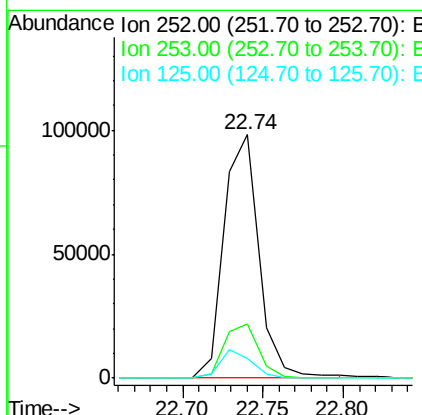
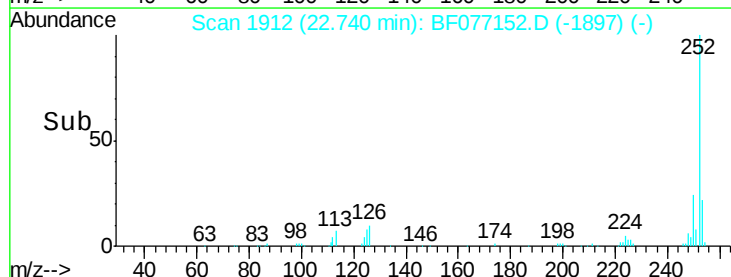
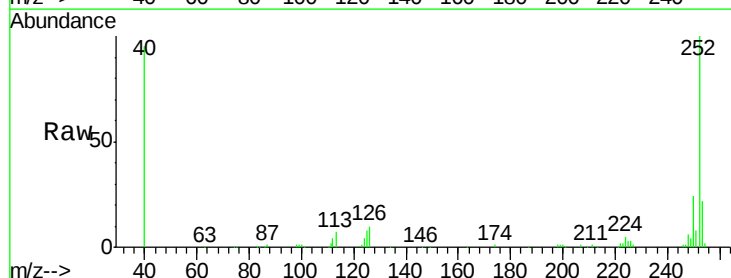
Instrument :
BNA_F
ClientSampleId :
SANDMSD

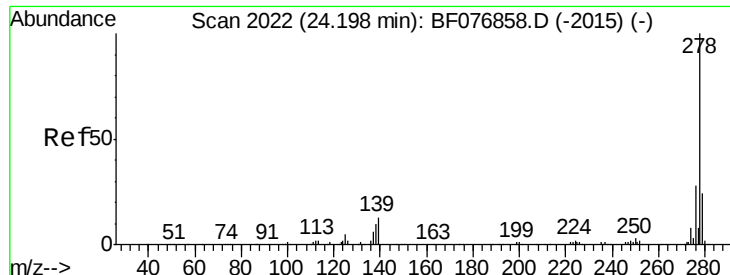
Tgt Ion: 252 Resp: 159469
Ion Ratio Lower Upper
252 100
253 20.1 17.2 25.8
125 8.3 7.1 10.7



#89
Benzo(a)pyrene
Concen: 25.90 ng m
RT: 22.74 min Scan# 1912
Delta R.T. 0.07 min
Lab File: BF077152.D
Acq: 30 Jan 2015 18:07

Tgt Ion: 252 Resp: 150231
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.0 7.2 10.8





#90

Dibenzo(a,h)anthracene

Concen: 25.77 ng m

RT: 24.02 min Scan# 2024

Delta R.T. 0.14 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

Instrument :

BNA_F

ClientSampleId :

SANDMSD

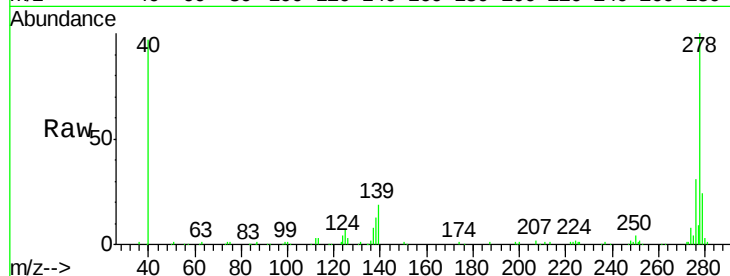
Tgt Ion:278 Resp: 137178

Ion Ratio Lower Upper

278 100

139 18.7 10.5 15.7#

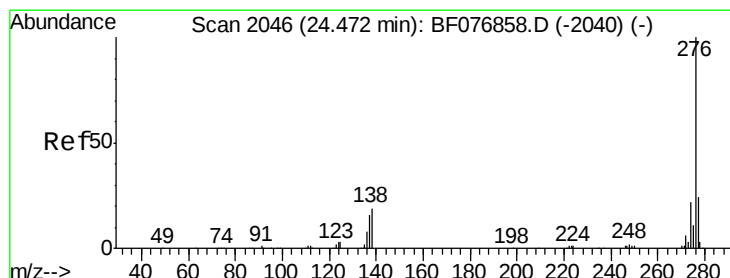
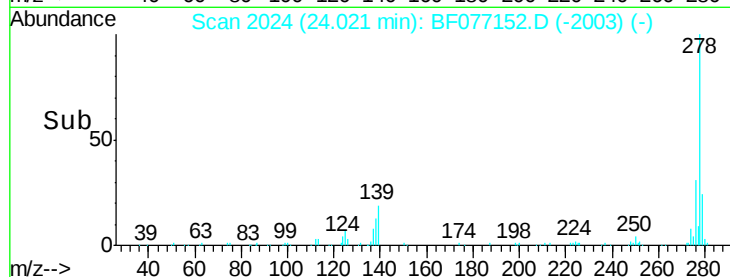
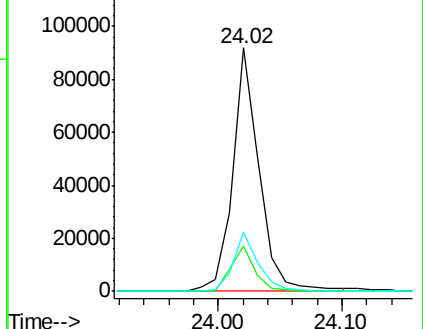
279 24.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 26.14 ng m

RT: 24.27 min Scan# 2046

Delta R.T. 0.15 min

Lab File: BF077152.D

Acq: 30 Jan 2015 18:07

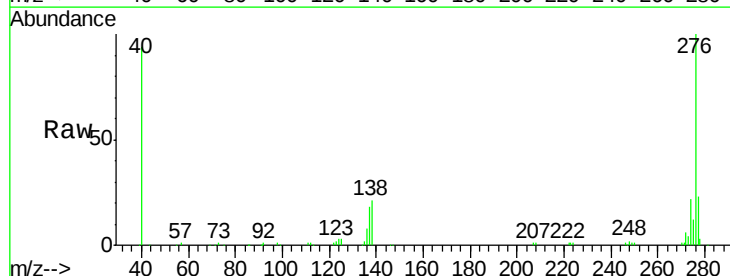
Tgt Ion:276 Resp: 138325

Ion Ratio Lower Upper

276 100

277 23.1 19.5 29.3

138 21.1 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

