

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
 Data File : BF077092.D
 Acq On : 27 Jan 2015 19:20
 Operator : TP/IZ
 Sample : G1137-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 04:04:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 02:59:18 2015
 Response via : Initial Calibration

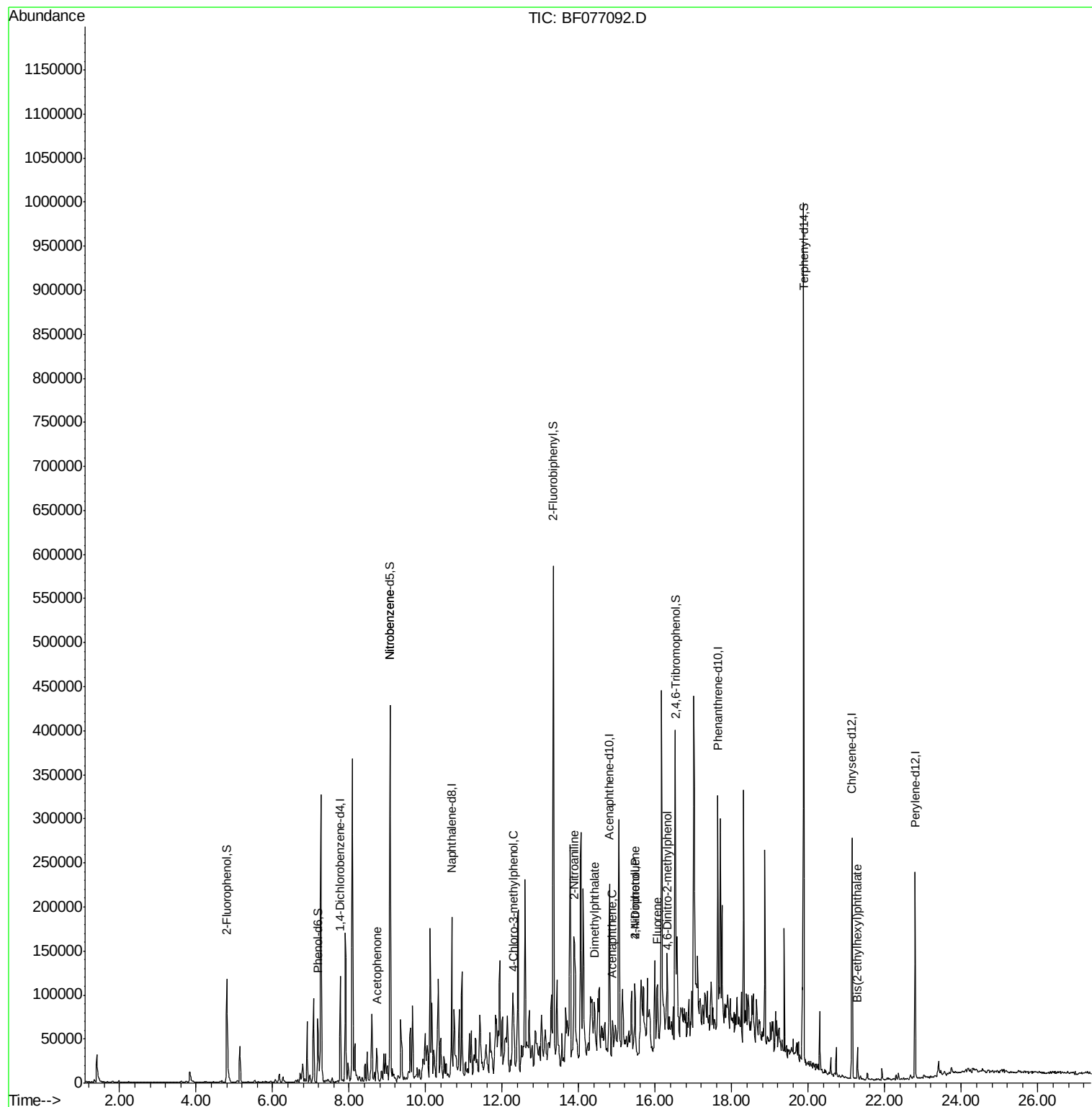
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	31492	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	131413	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	62539	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	113587	20.00	ng	0.00
75) Chrysene-d12	21.13	240	112083	20.00	ng	-0.02
86) Perylene-d12	22.79	264	111008	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	68370	35.70	ng	0.00
7) Phenol-d6	7.18	99	47934	19.84	ng	0.00
23) Nitrobenzene-d5	9.06	82	160309	67.58	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	54041	106.45	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	320784	78.06	ng	0.00
78) Terphenyl-d14	19.88	244	320837	65.90	ng	0.00
Target Compounds						
22) Acetophenone	8.72	105	27602	8.58	ng	# 55
24) Nitrobenzene	9.06	77	6268	2.59	ng	# 18
36) 4-Chloro-3-methylphenol	12.30	107	6952	3.49	ng	# 23
47) 2-Nitroaniline	13.89	65	2598	2.24	ng	# 25
49) Dimethylphthalate	14.40	163	14521	3.27	ng	# 86
51) Acenaphthene	14.87	154	11256	3.08	ng	97
55) 4-Nitrophenol	15.47	139	2697	3.88	ng	# 40
56) 2,4-Dinitrotoluene	15.47	165	1750	3.37	ng	# 53
57) Fluorene	16.05	166	19918	4.42	ng	92
64) 4,6-Dinitro-2-methylphenol	16.32	198	571	4.03	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.28	149	13462	2.80	ng	# 97

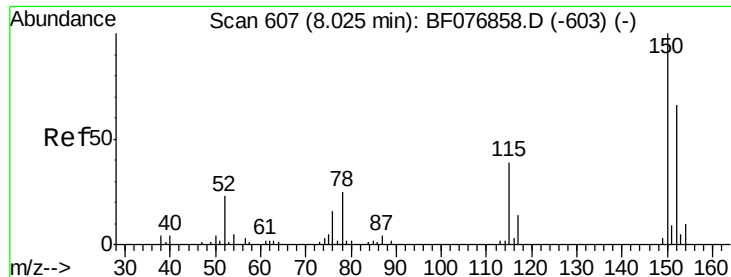
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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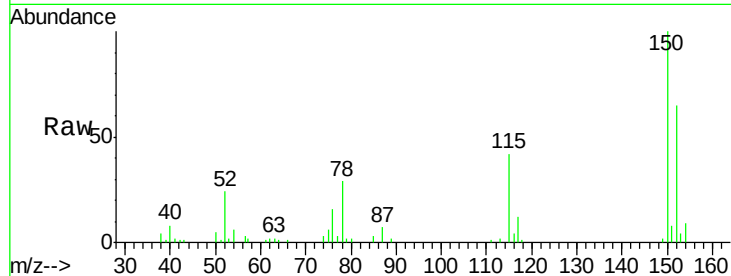


#1

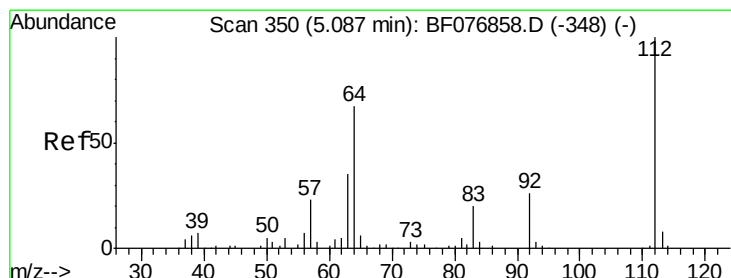
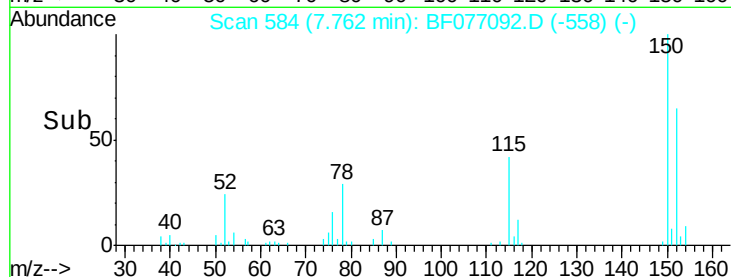
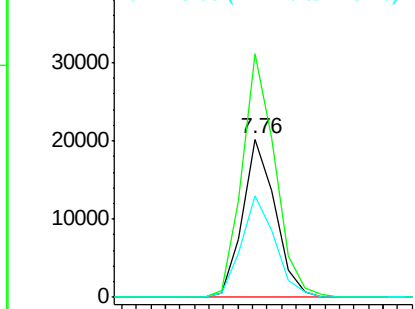
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31492
Ion Ratio Lower Upper
152 100
150 154.0 121.7 182.5
115 64.3 47.0 70.6



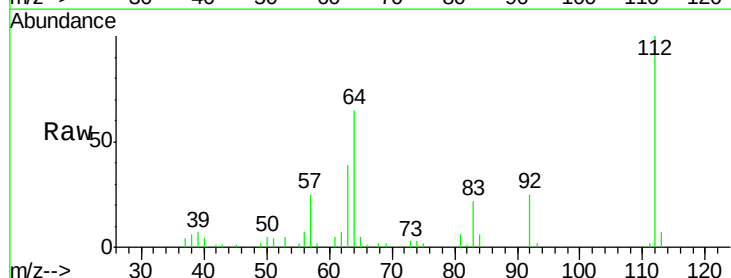
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



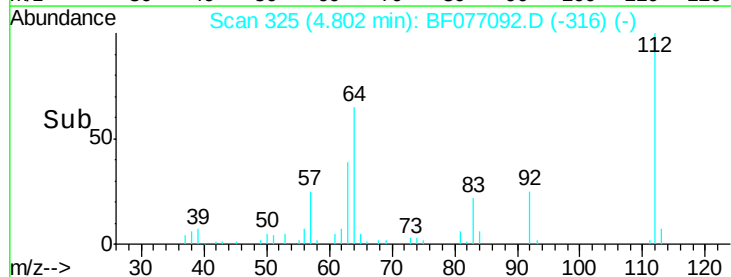
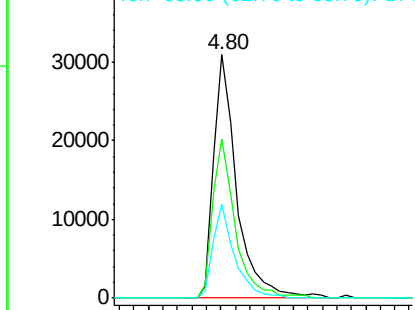
#5

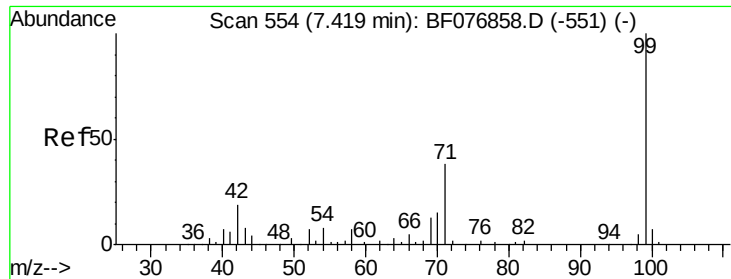
2-Fluorophenol
Concen: 35.70 ng
RT: 4.80 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Tgt Ion:112 Resp: 68370
Ion Ratio Lower Upper
112 100
64 65.1 54.2 81.4
63 38.6 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: 19.84 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Instrument :

BNA_F

ClientSampleId :

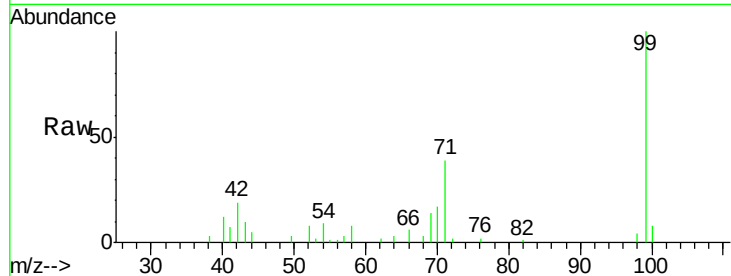
Tot Ion: 99 Resp: 47934

Ion Ratio Lower Upper

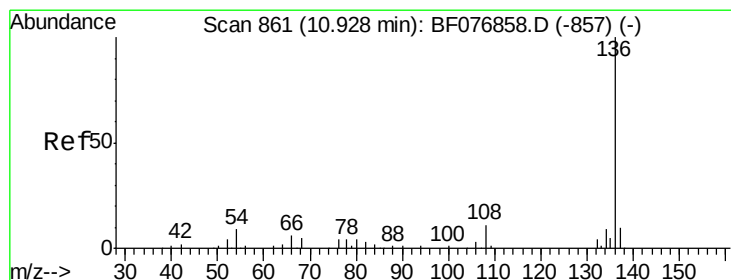
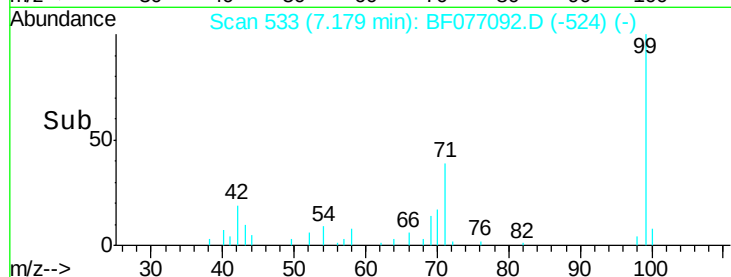
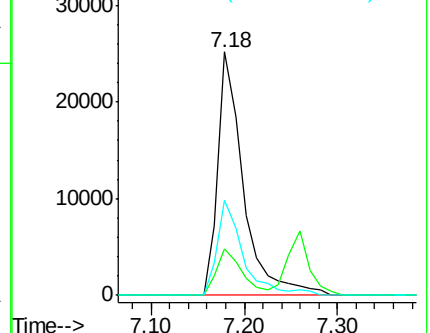
99 100

42 19.1 15.0 22.4

71 39.2 30.5 45.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Tgt Ion: 136 Resp: 131413

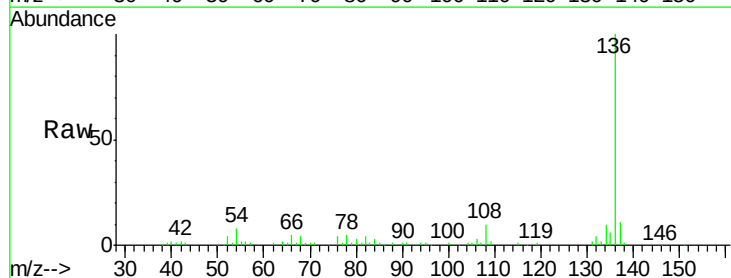
Ion Ratio Lower Upper

136 100

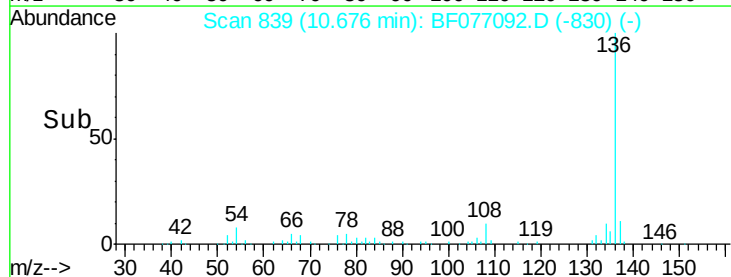
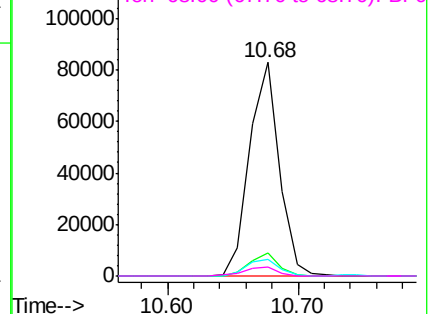
137 10.9 8.1 12.1

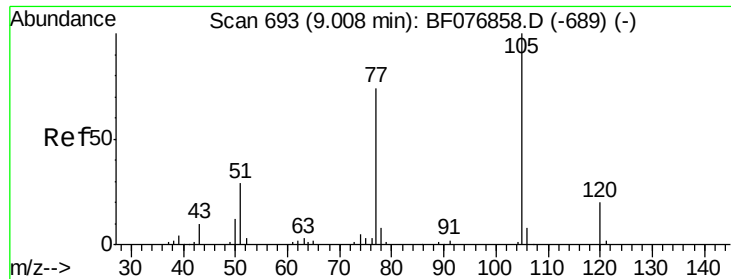
54 7.9 7.0 10.4

68 4.3 3.7 5.5



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

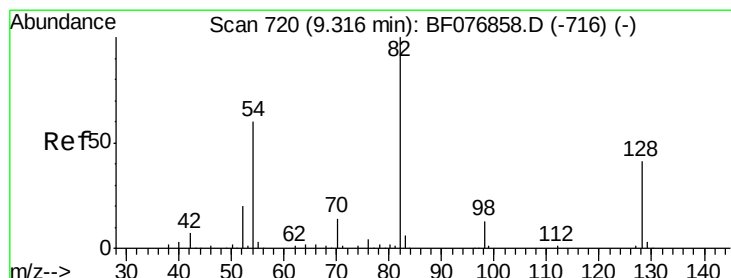
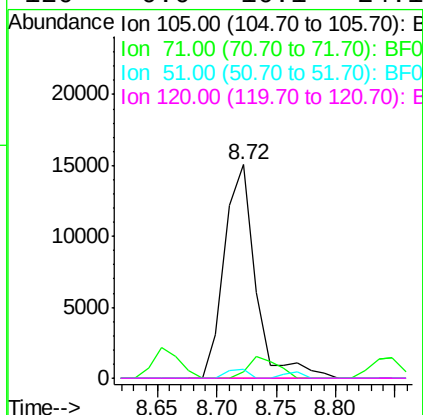
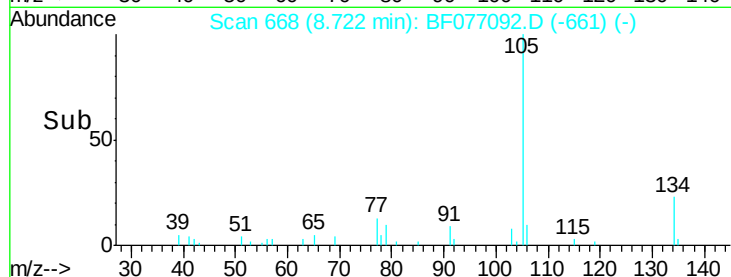
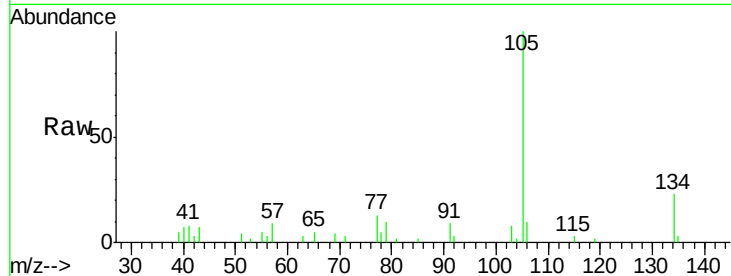




#22
 Acetophenone
 Concen: 8.58 ng
 RT: 8.72 min Scan# 668
 Delta R.T. -0.02 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

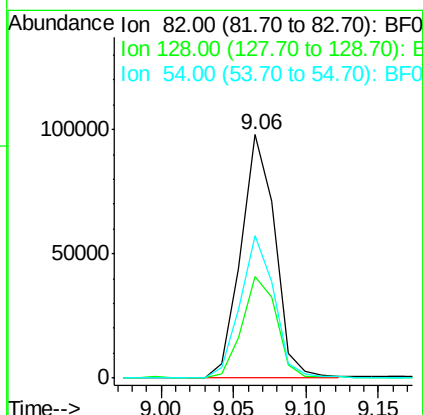
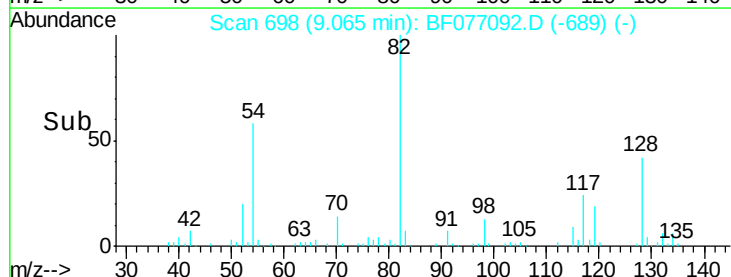
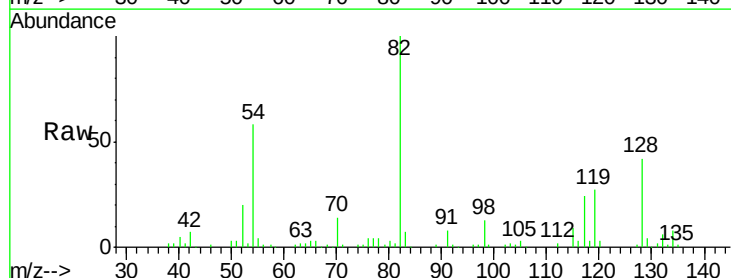
Instrument :
 BNA_F
 ClientSampleId :

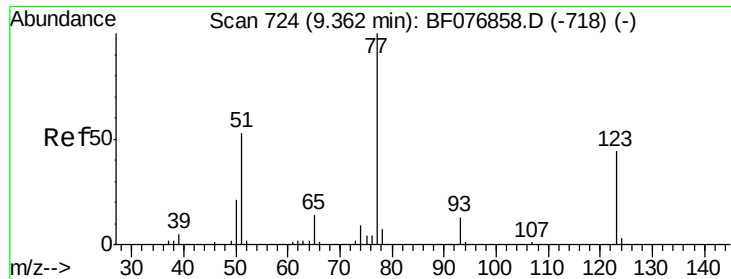
Tot Ion:	105	Resp:	27602
Ion Ratio	Lower	Upper	
105	100		
71	2.7	0.0	0.0#
51	4.5	23.3	34.9#
120	0.0	16.1	24.1#



#23
 Nitrobenzene-d5
 Concen: 67.58 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

Tgt Ion:	82	Resp:	160309
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.1	49.7
54	58.4	48.3	72.5





#24

Nitrobenzene

Concen: 2.59 ng

RT: 9.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Instrument :

BNA_F

ClientSampleId :

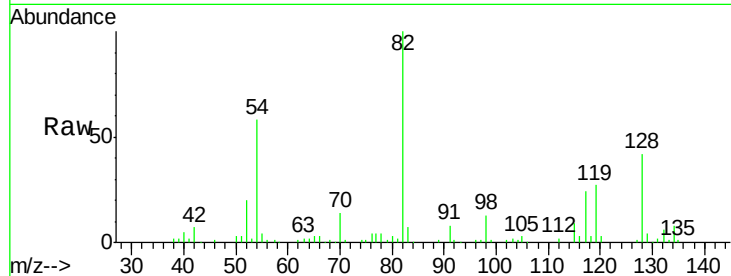
Tot Ion: 77 Resp: 6268

Ion Ratio Lower Upper

77 100

123 0.0 35.2 52.8#

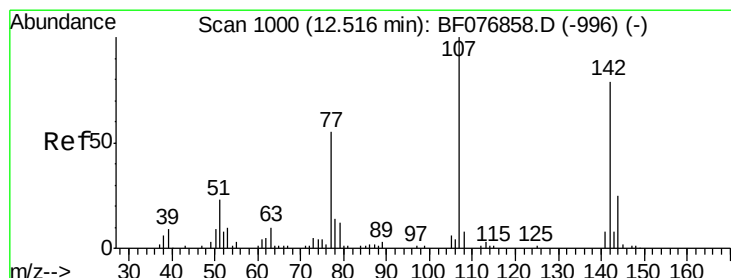
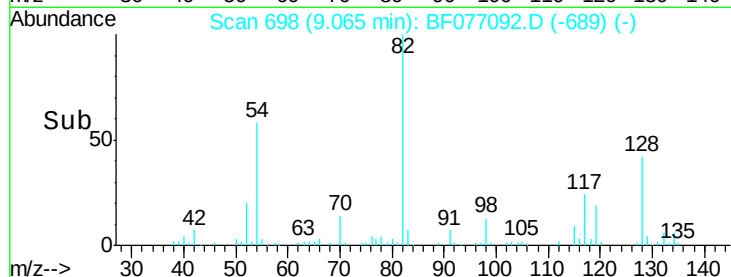
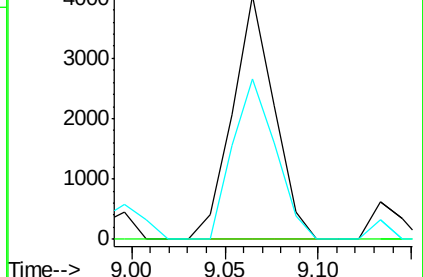
65 66.1 11.4 17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF076858.D (-718) (-)

Ion 123.00 (122.70 to 123.70): BF076858.D (-718) (-)

Ion 65.00 (64.70 to 65.70): BF076858.D (-718) (-)



#36

4-Chloro-3-methylphenol

Concen: 3.49 ng

RT: 12.30 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

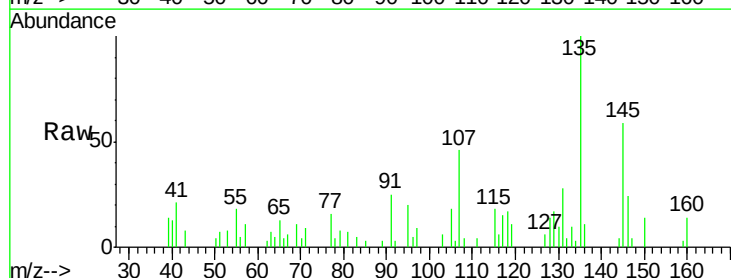
Tgt Ion: 107 Resp: 6952

Ion Ratio Lower Upper

107 100

144 8.0 20.0 30.0#

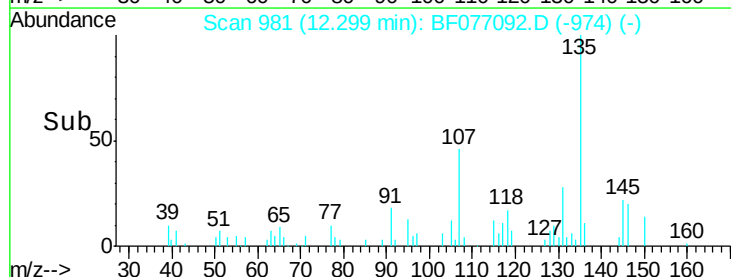
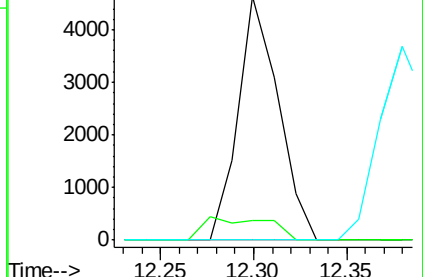
142 0.0 63.5 95.3#

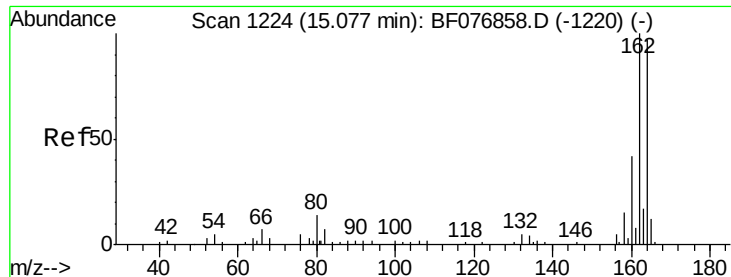


Abundance Ion 107.00 (106.70 to 107.70): BF076858.D (-996) (-)

Ion 144.00 (143.70 to 144.70): BF076858.D (-996) (-)

Ion 142.00 (141.70 to 142.70): BF076858.D (-996) (-)

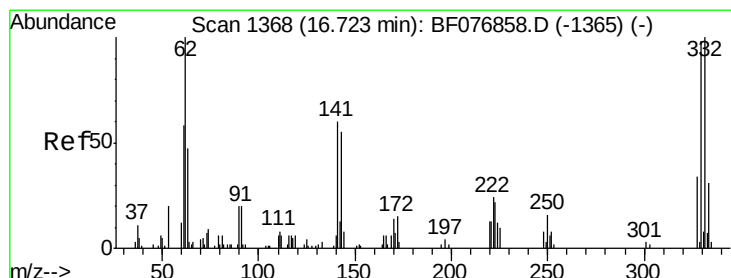
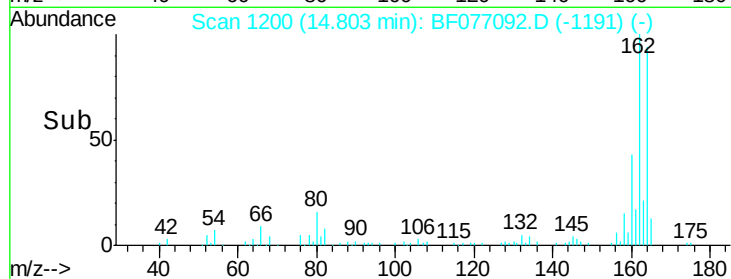
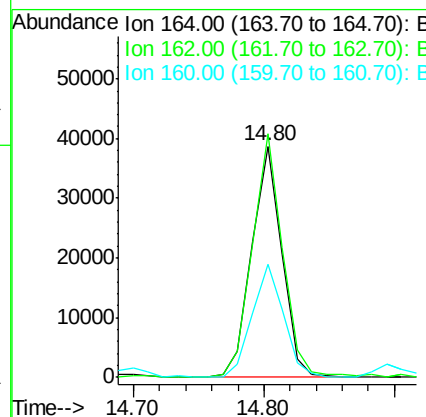
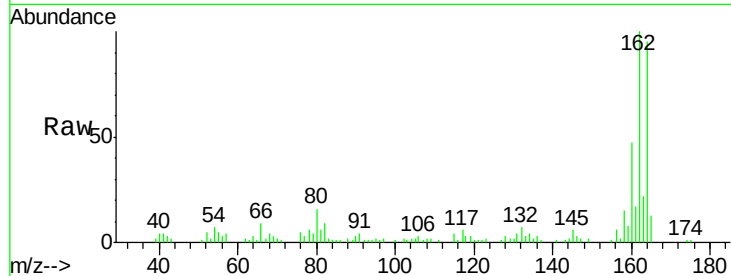




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

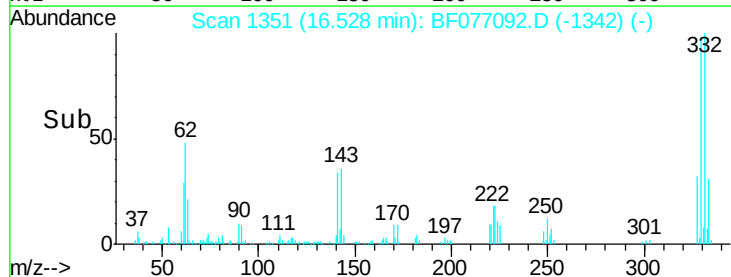
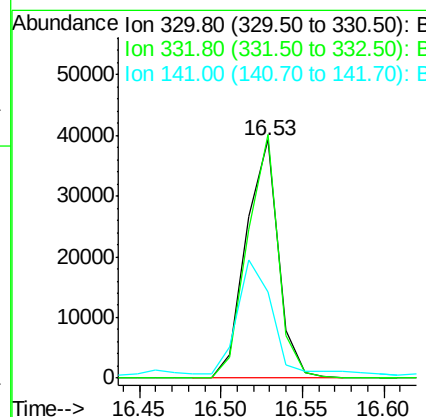
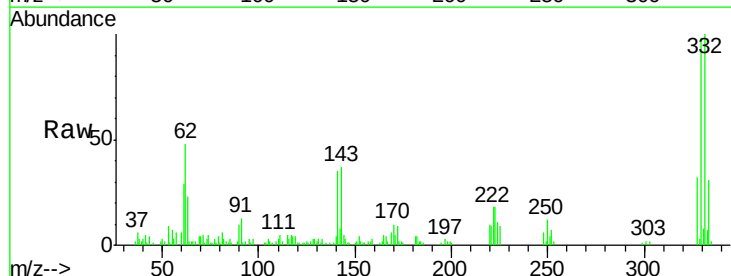
Instrument :
BNA_F
ClientSampled :

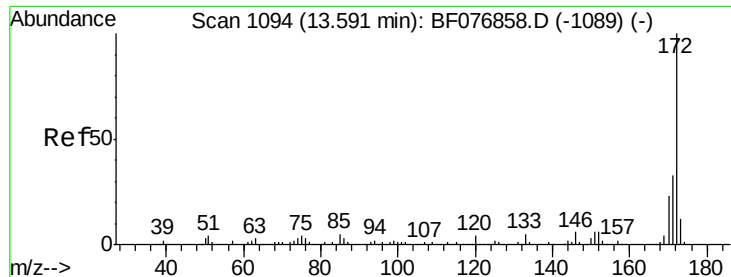
Tot Ion:164 Resp: 62539
Ion Ratio Lower Upper
164 100
162 105.5 82.4 123.6
160 49.1 34.8 52.2



#41
2,4,6-Tribromophenol
Concen: 106.45 ng
RT: 16.53 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Tgt Ion:330 Resp: 54041
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 51.0 38.5 57.7

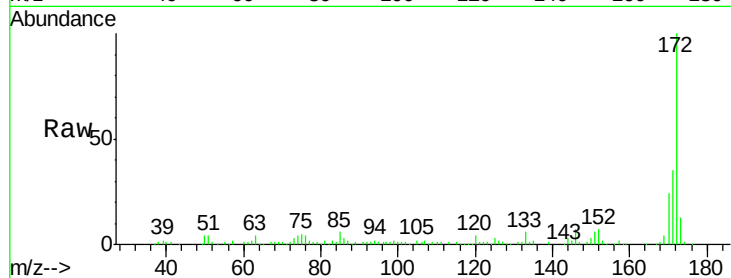




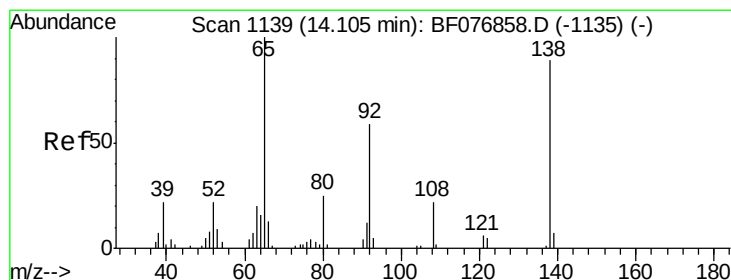
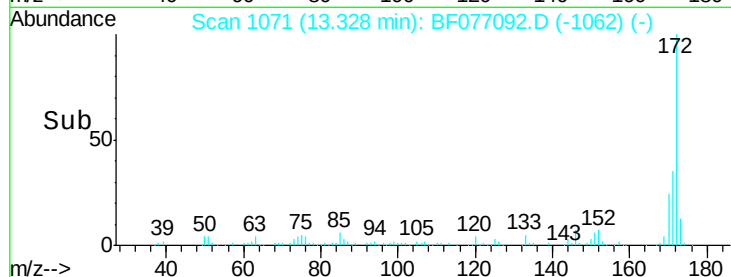
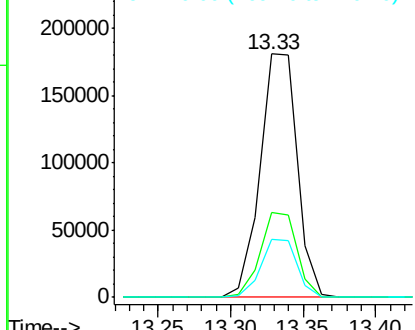
#44
2-Fluorobiphenyl
Concen: 78.06 ng
RT: 13.33 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 320784
Ion Ratio Lower Upper
172 100
171 34.8 26.6 40.0
170 23.9 18.0 27.0

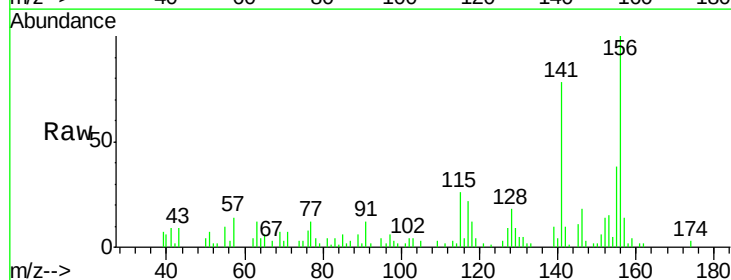


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

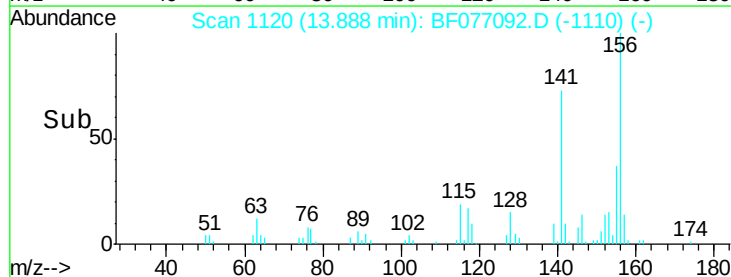
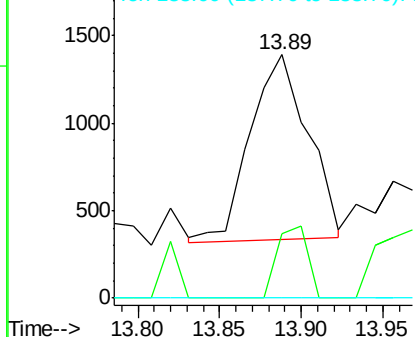


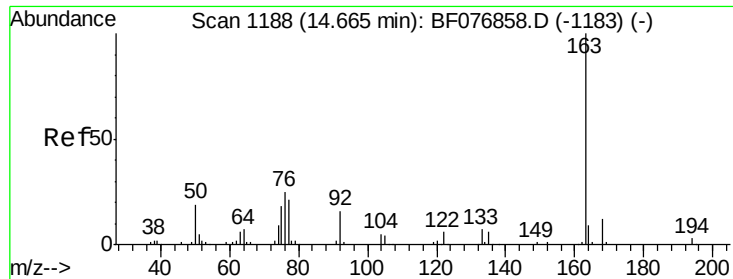
#47
2-Nitroaniline
Concen: 2.24 ng
RT: 13.89 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Tgt Ion: 65 Resp: 2598
Ion Ratio Lower Upper
65 100
92 26.3 47.3 70.9#
138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 3.27 ng

RT: 14.40 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Instrument :

BNA_F

ClientSampleId :

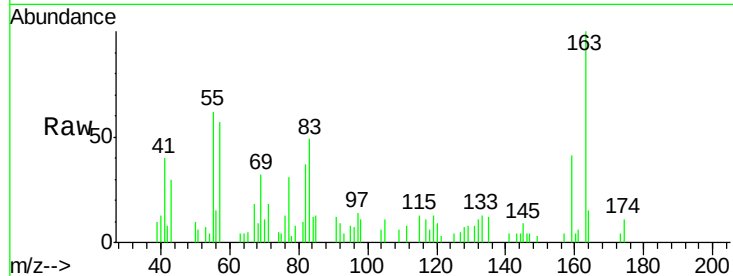
Tot Ion:163 Resp: 14521

Ion Ratio Lower Upper

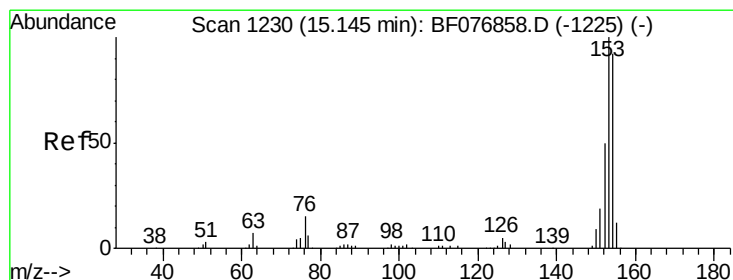
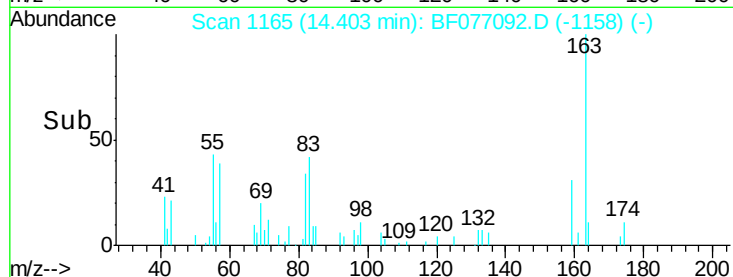
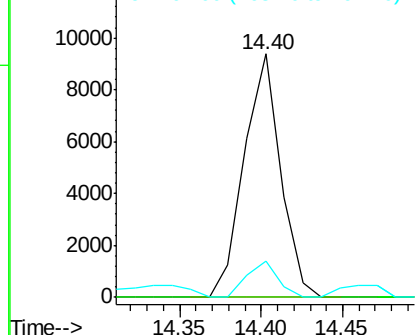
163 100

194 0.0 2.6 4.0#

164 14.9 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



#51

Acenaphthene

Concen: 3.08 ng

RT: 14.87 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

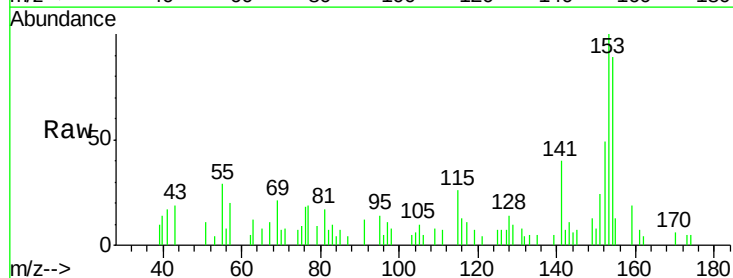
Tgt Ion:154 Resp: 11256

Ion Ratio Lower Upper

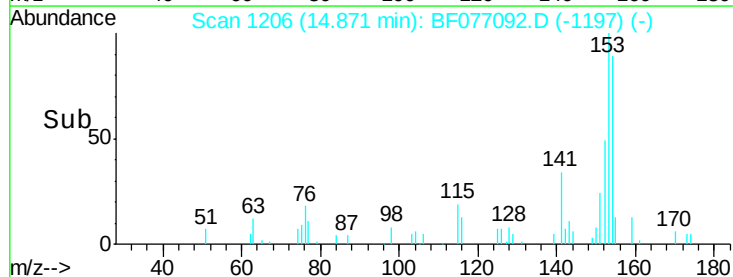
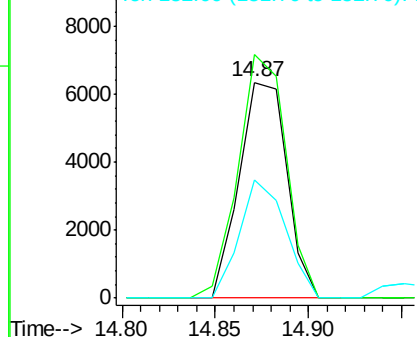
154 100

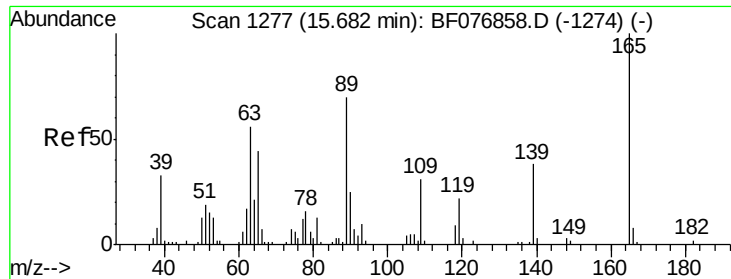
153 113.0 87.0 130.6

152 55.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

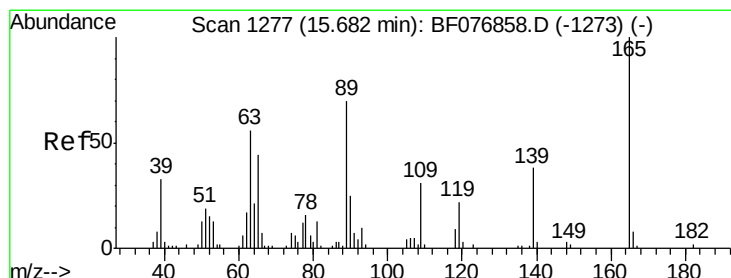
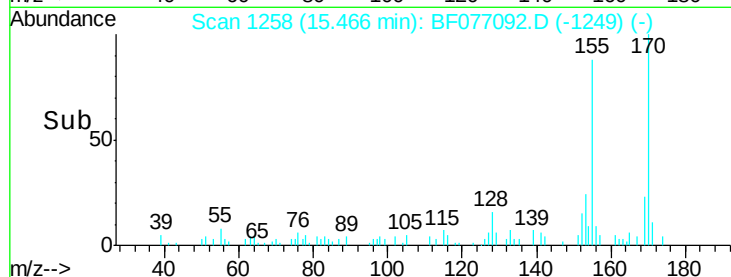
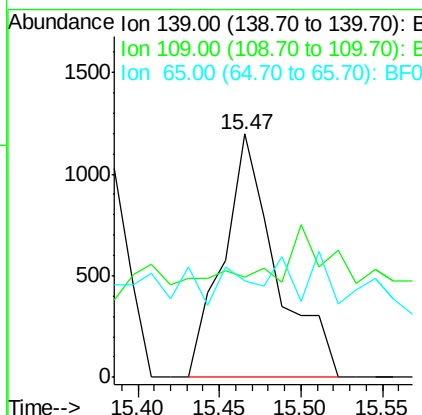
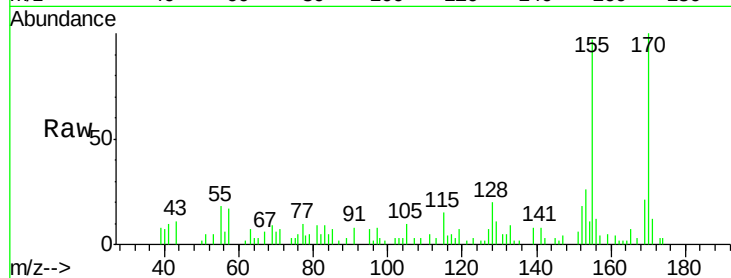




#55
4-Nitrophenol
Concen: 3.88 ng
RT: 15.47 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

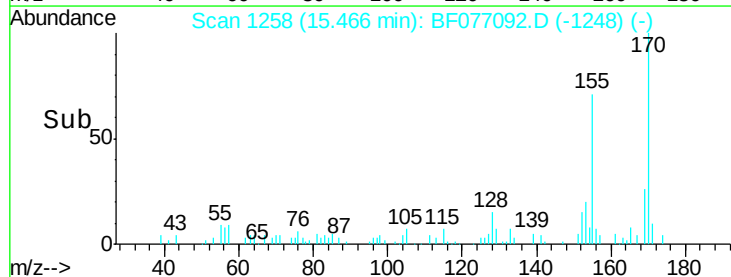
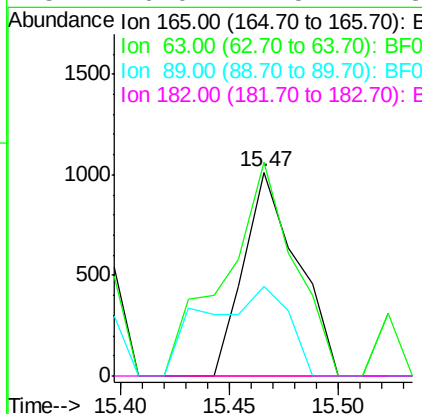
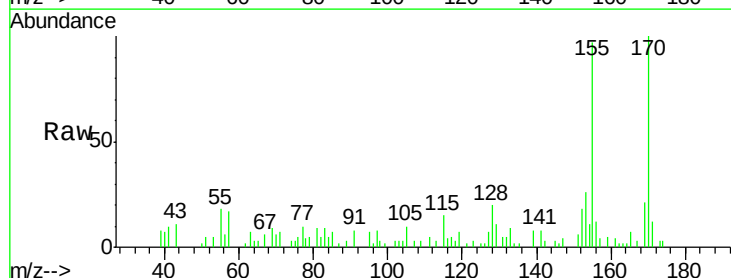
Instrument :
BNA_F
ClientSampleId :

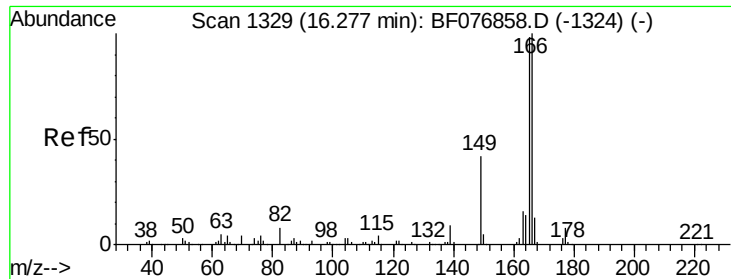
Tot Ion:139 Resp: 2697
Ion Ratio Lower Upper
139 100
109 41.4 61.0 101.0#
65 39.7 96.6 136.6#



#56
2,4-Dinitrotoluene
Concen: 3.37 ng
RT: 15.47 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Tgt Ion:165 Resp: 1750
Ion Ratio Lower Upper
165 100
63 104.9 44.8 67.2#
89 44.0 56.2 84.2#
182 0.0 1.5 2.3#

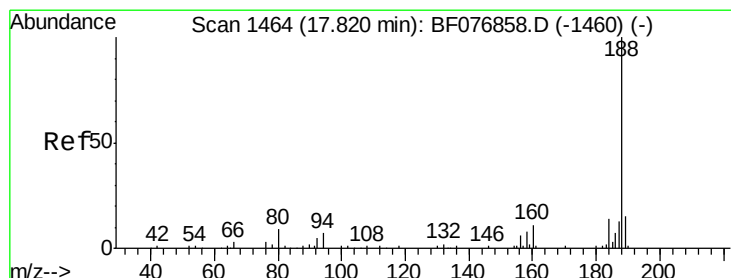
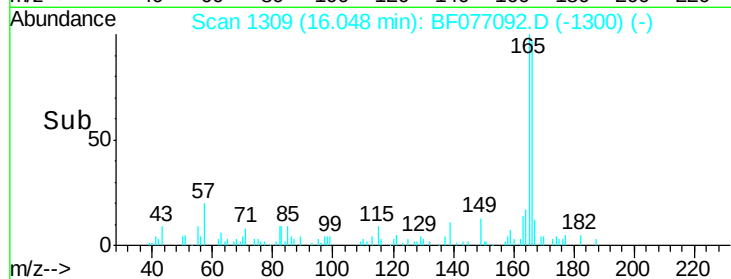
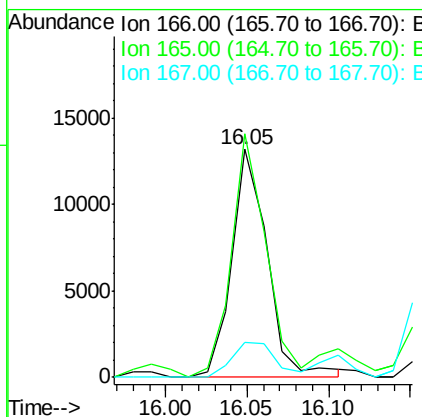
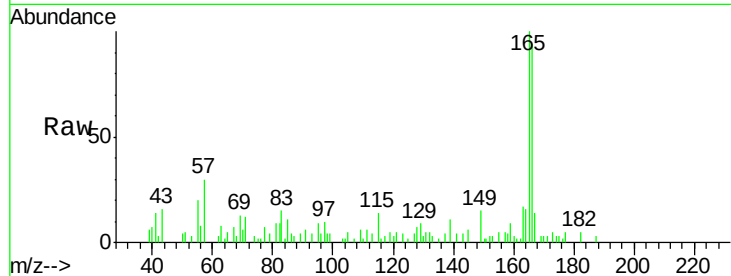




#57
 Fluorene
 Concen: 4.42 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

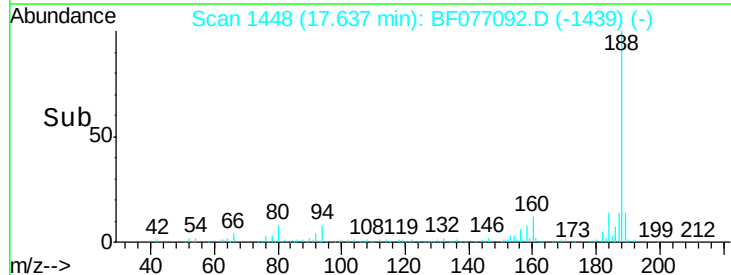
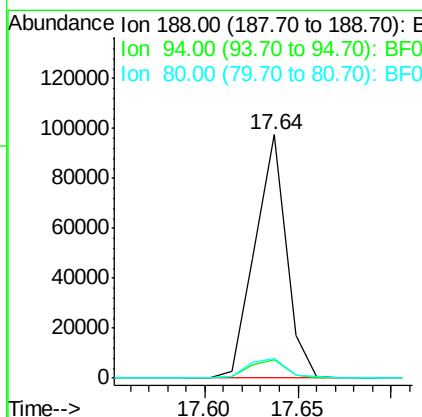
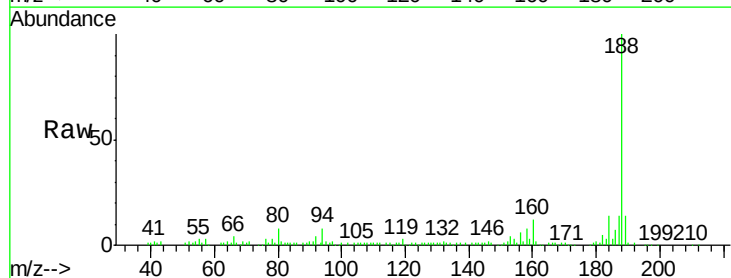
Instrument :
 BNA_F
 ClientSampleId :

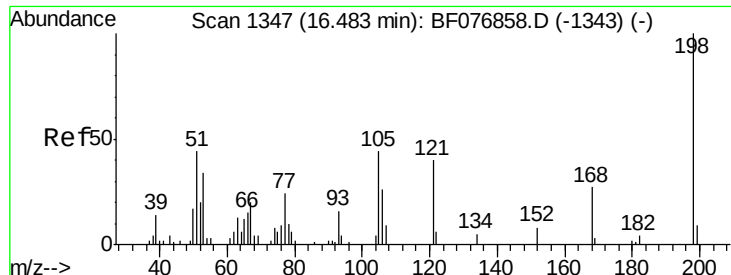
Tot Ion:166 Resp: 19918
 Ion Ratio Lower Upper
 166 100
 165 106.7 78.5 117.7
 167 15.2 10.4 15.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

Tgt Ion:188 Resp: 113587
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.0 9.0
 80 8.1 6.9 10.3





#64

4,6-Dinitro-2-methylphenol

Concen: 4.03 ng

RT: 16.32 min Scan# 1333

Delta R.T. 0.03 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

Instrument :

BNA_F

ClientSampleId :

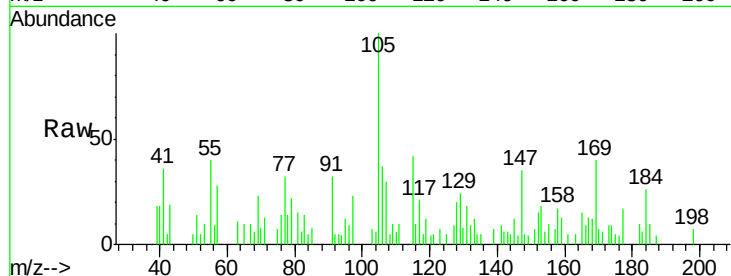
Tot Ion:198 Resp: 571

Ion Ratio Lower Upper

198 100

51 203.7 24.2 64.2#

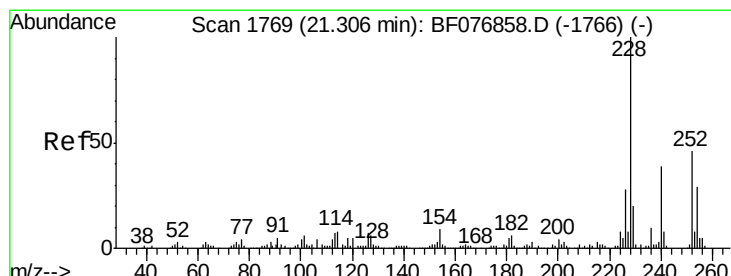
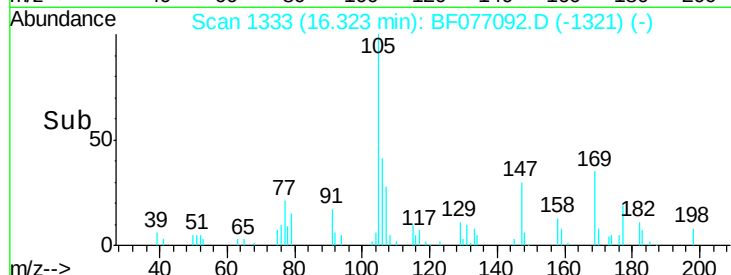
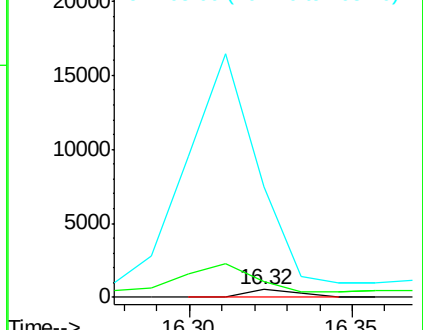
105 1458.3 24.0 64.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.13 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF077092.D

Acq: 27 Jan 2015 19:20

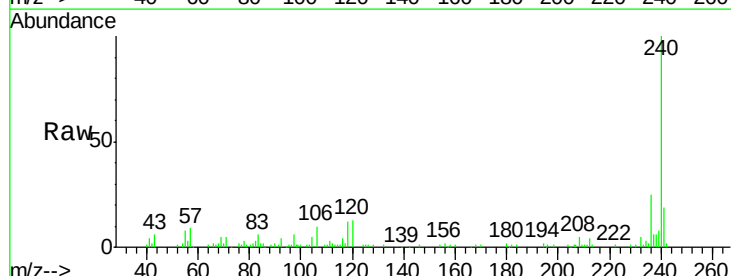
Tgt Ion:240 Resp: 112083

Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

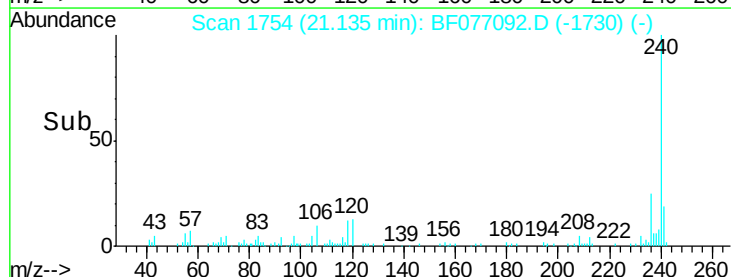
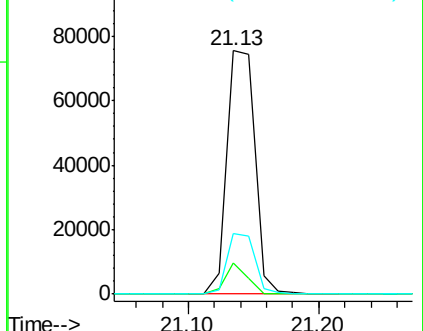
236 25.0 20.2 30.2

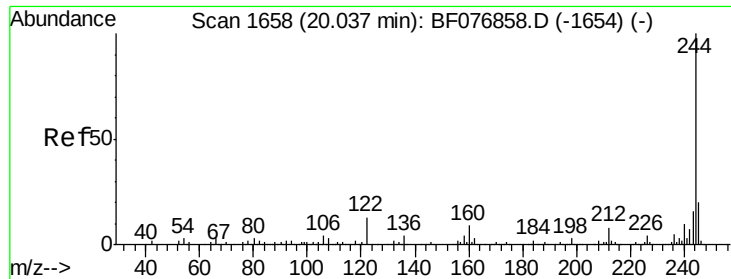


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

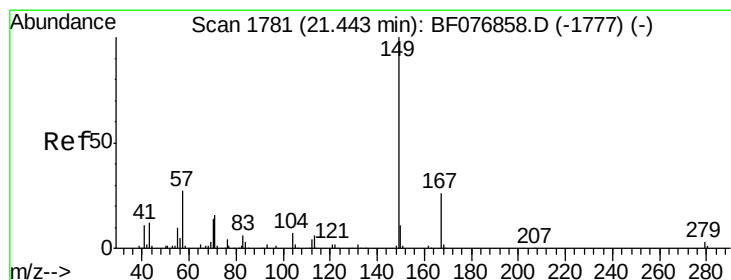
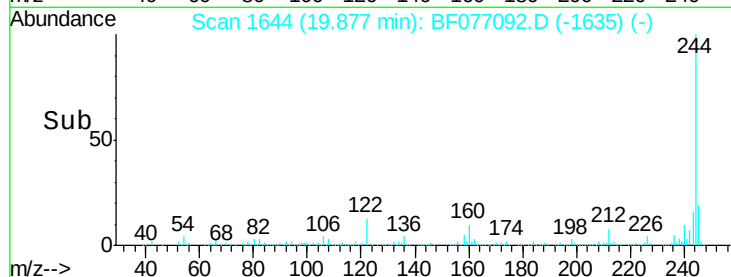
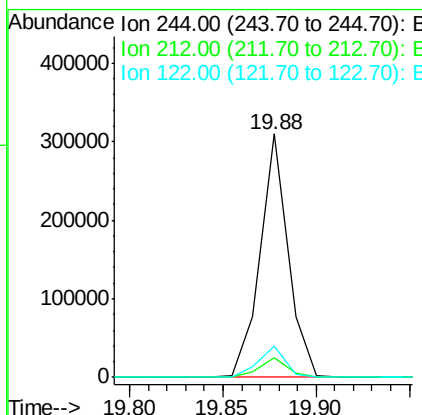
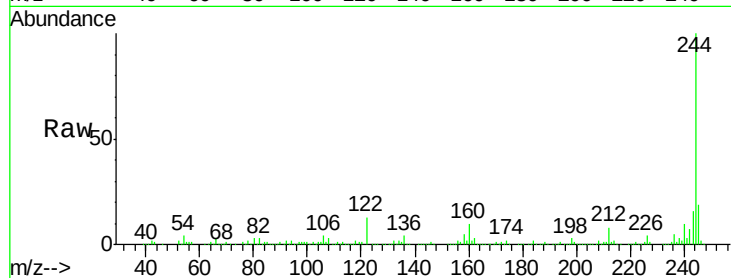




#78
 Terphenyl-d14
 Concen: 65.90 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

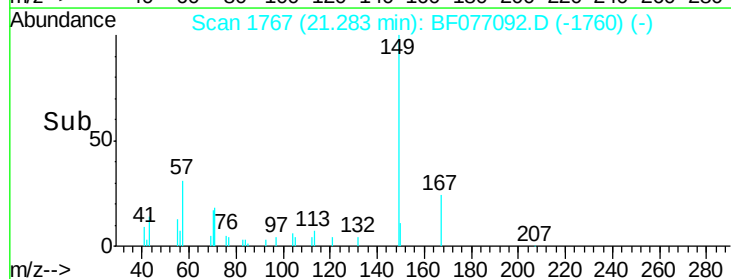
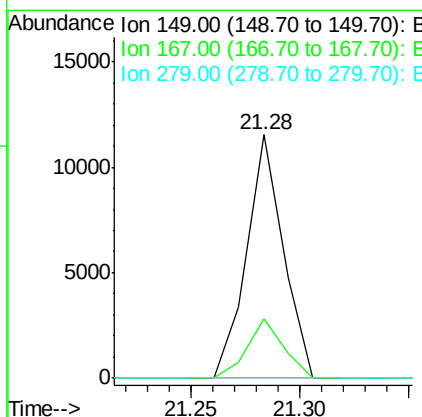
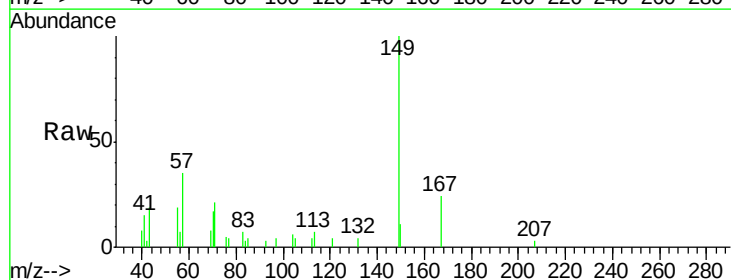
Instrument :
 BNA_F
 ClientSampleId :

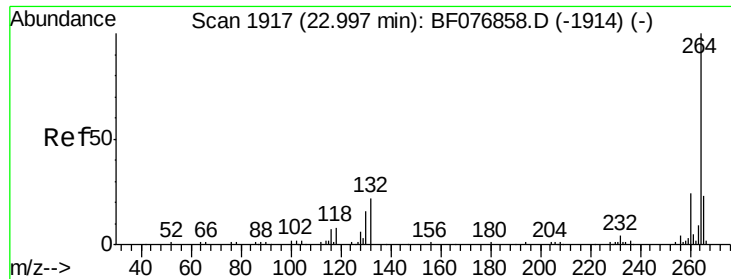
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	12.6	10.1	15.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.80 ng
 RT: 21.28 min Scan# 1767
 Delta R.T. -0.02 min
 Lab File: BF077092.D
 Acq: 27 Jan 2015 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.6	30.8
279	0.0	2.2	3.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.79 min Scan# 1899
Delta R.T. -0.17 min
Lab File: BF077092.D
Acq: 27 Jan 2015 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 111008

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	20.5	18.1	27.1

