

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
 Data File : BF077089.D
 Acq On : 27 Jan 2015 17:36
 Operator : TP/IZ
 Sample : G1137-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 03:29:52 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

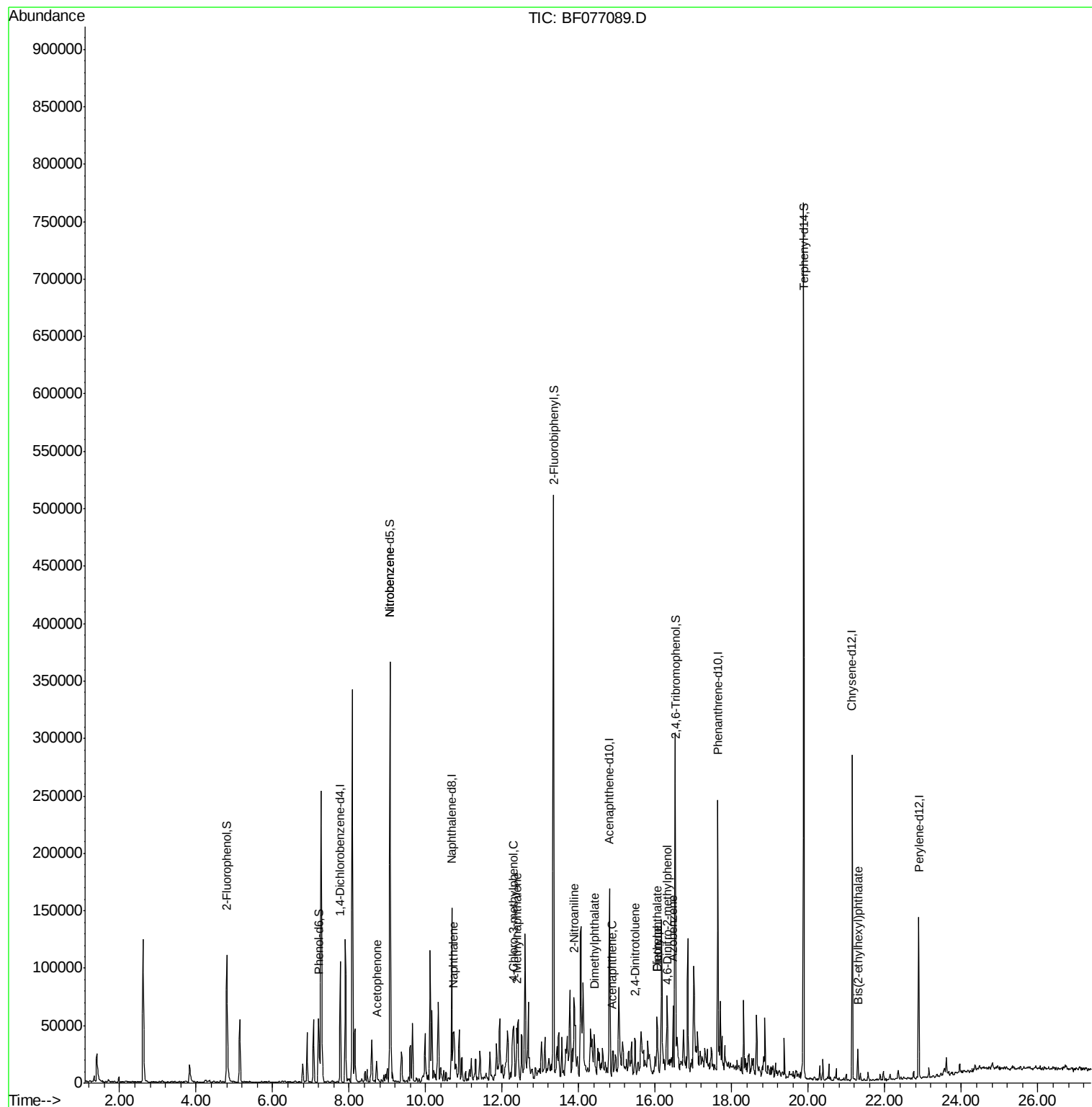
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	28106	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	114112	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	54730	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	99013	20.00	ng	0.00
75) Chrysene-d12	21.15	240	104384	20.00	ng	-0.01
86) Perylene-d12	22.88	264	83110	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	64870	37.95	ng	0.00
7) Phenol-d6	7.20	99	47985	22.25	ng	0.02
23) Nitrobenzene-d5	9.06	82	146099	70.93	ng	0.00
41) 2,4,6-Tribromophenol	16.53	330	46047	103.65	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	287488	79.94	ng	0.01
78) Terphenyl-d14	19.88	244	301356	66.46	ng	0.00
Target Compounds						
22) Acetophenone	8.72	105	16855	6.03	ng	# 54
24) Nitrobenzene	9.06	77	4446	2.12	ng	# 17
31) Naphthalene	10.72	128	29542	5.03	ng	# 97
36) 4-Chloro-3-methylphenol	12.30	107	7192	4.15	ng	# 19
37) 2-Methylnaphthalene	12.38	142	20224	5.04	ng	# 96
47) 2-Nitroaniline	13.88	65	2579	2.55	ng	# 11
49) Dimethylphthalate	14.40	163	17834	4.59	ng	# 98
51) Acenaphthene	14.87	154	6407	2.01	ng	# 88
56) 2,4-Dinitrotoluene	15.48	165	625	2.63	ng	# 40
57) Fluorene	16.05	166	11615	2.95	ng	# 94
59) Diethylphthalate	16.05	149	11091	2.83	ng	# 94
62) Azobenzene	16.47	77	15003	3.67	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.32	198	282	3.72	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.29	149	12011	2.68	ng	# 96

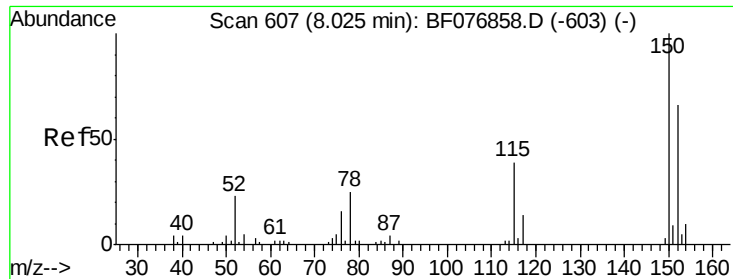
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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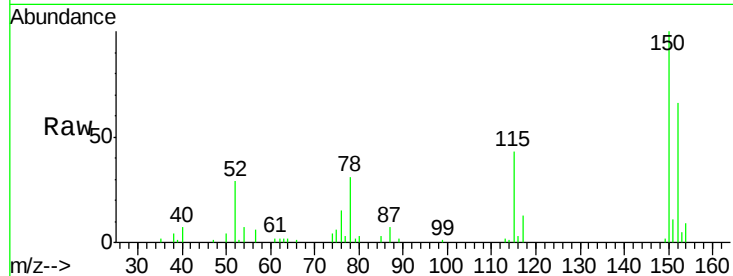




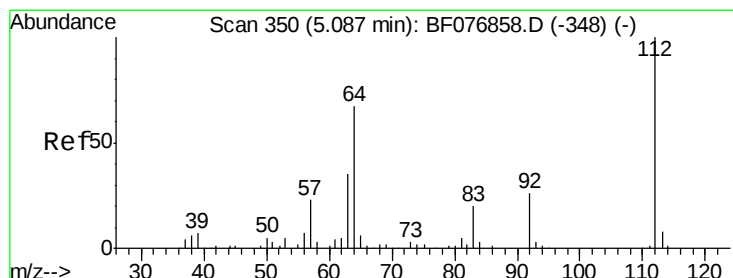
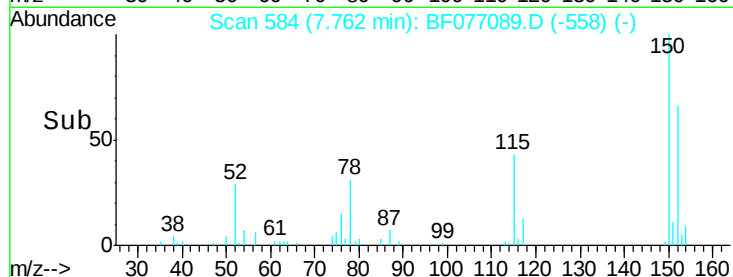
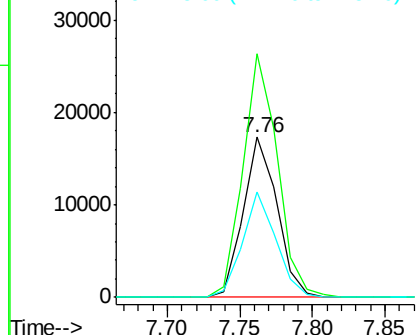
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 28106
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.7 182.5
 115 65.5 47.0 70.6

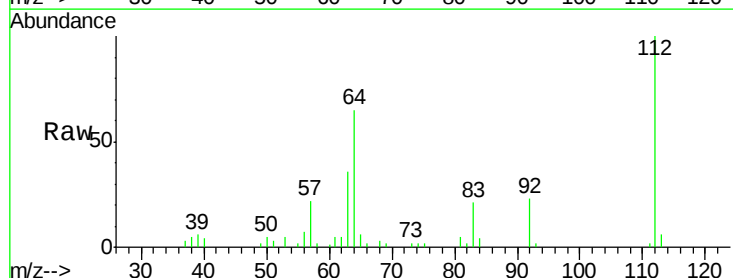


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

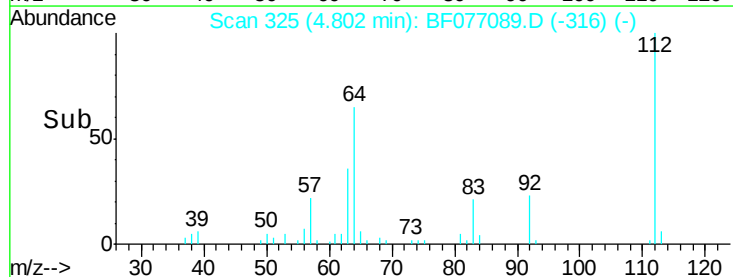
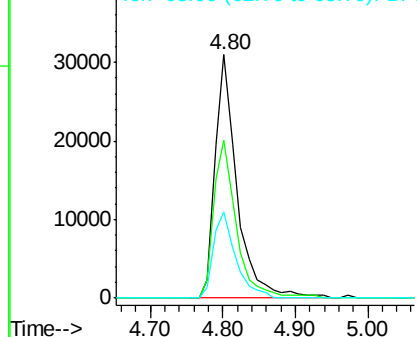


#5
 2-Fluorophenol
 Concen: 37.95 ng
 RT: 4.80 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Tgt Ion:112 Resp: 64870
 Ion Ratio Lower Upper
 112 100
 64 64.7 54.2 81.4
 63 35.5 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.25 ng

RT: 7.20 min Scan# 535

Delta R.T. 0.02 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

Instrument :

BNA_F

ClientSampleId :

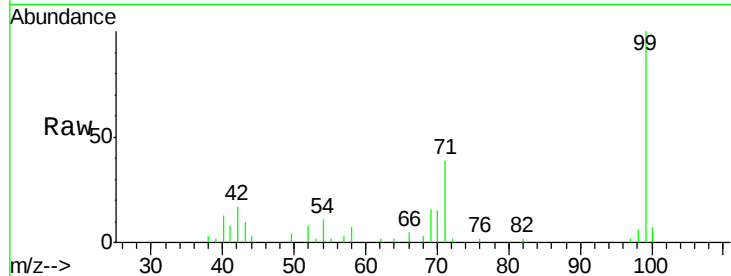
Tot Ion: 99 Resp: 47985

Ion Ratio Lower Upper

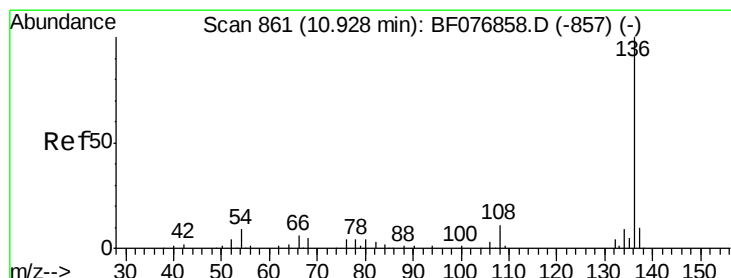
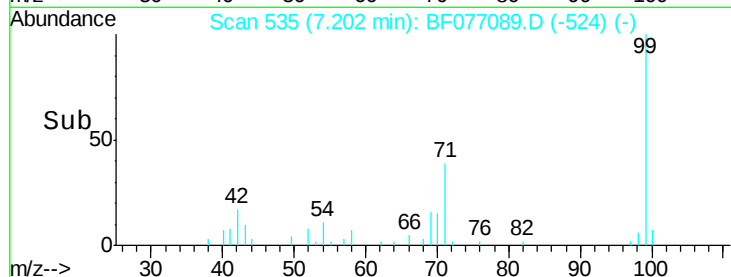
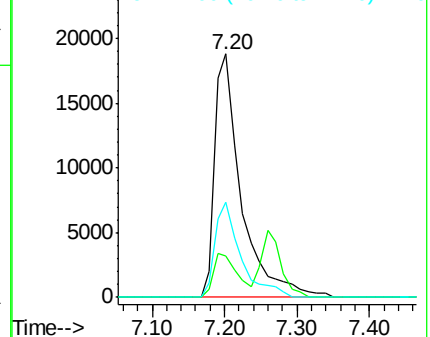
99 100

42 17.1 15.0 22.4

71 39.3 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: BF077089.D

Acq: 27 Jan 2015 17:36

Tgt Ion: 136 Resp: 114112

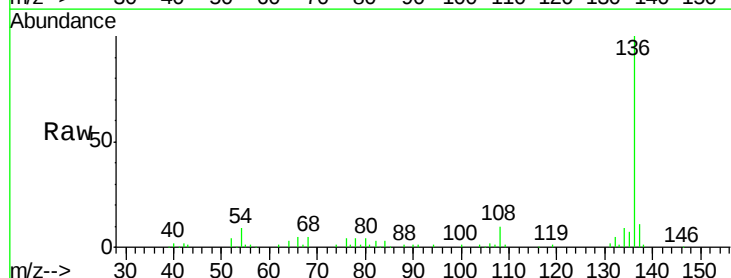
Ion Ratio Lower Upper

136 100

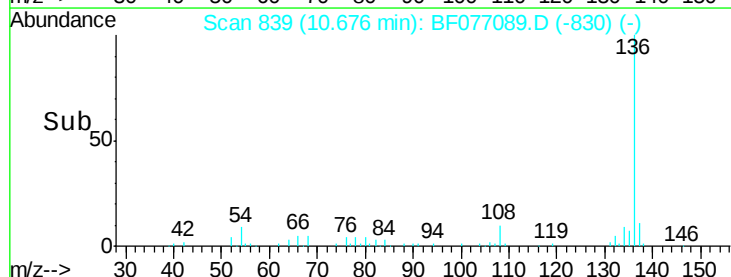
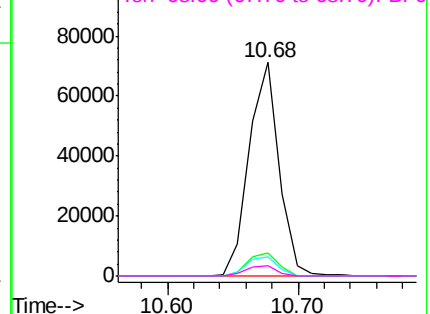
137 11.0 8.1 12.1

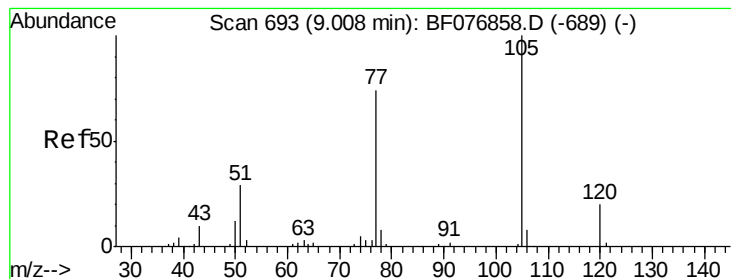
54 8.8 7.0 10.4

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: 6.03 ng

RT: 8.72 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF077089.D

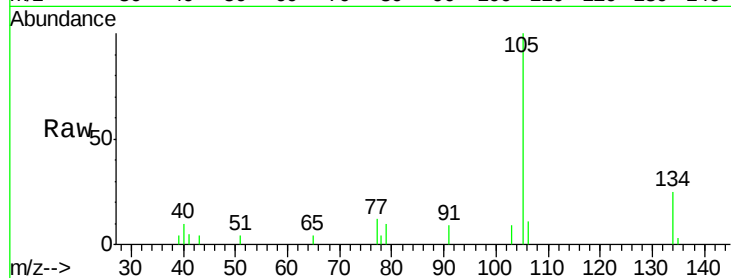
Acq: 27 Jan 2015 17:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	16855
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	3.7	23.3	34.9#
120	0.0	16.1	24.1#

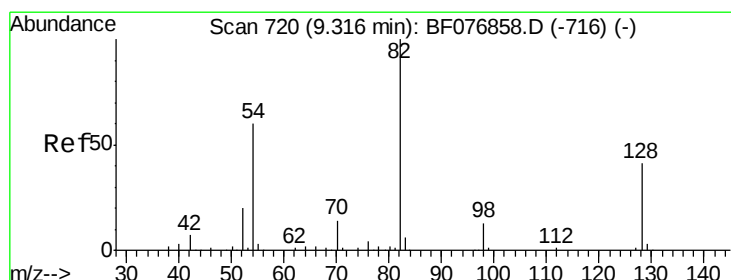
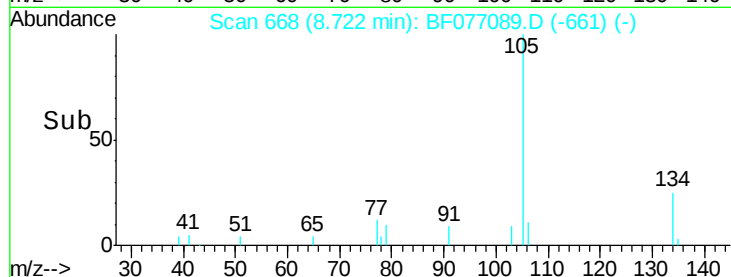
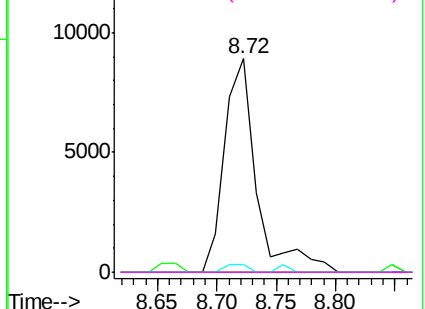


Abundance Ion 105.00 (104.70 to 105.70): E

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: 70.93 ng

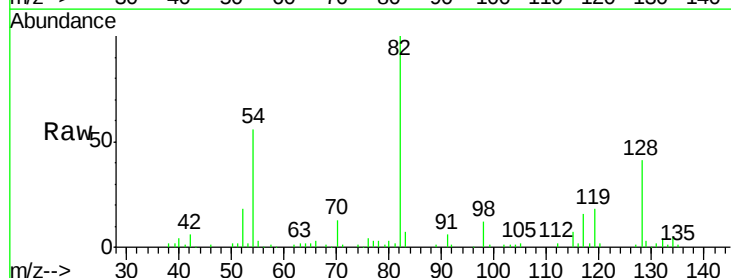
RT: 9.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

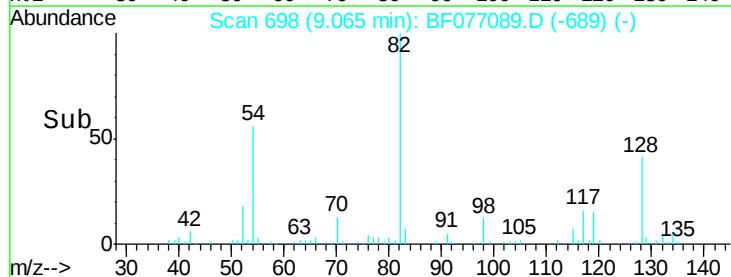
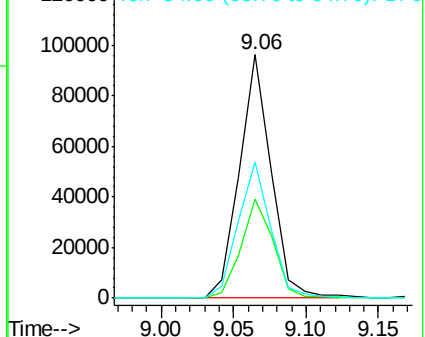
Tgt Ion:	82	Resp:	146099
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.1	49.7
54	55.9	48.3	72.5

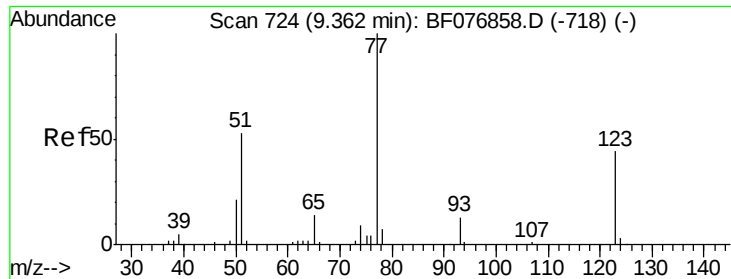


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.12 ng

RT: 9.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

Instrument :

BNA_F

ClientSampleId :

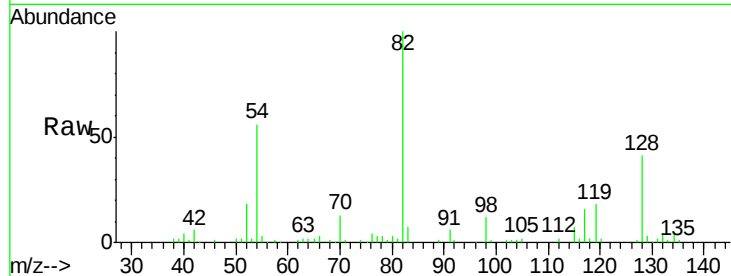
Tot Ion: 77 Resp: 4446

Ion Ratio Lower Upper

77 100

123 0.0 35.2 52.8#

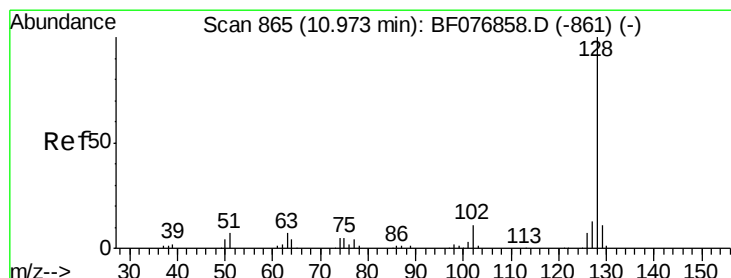
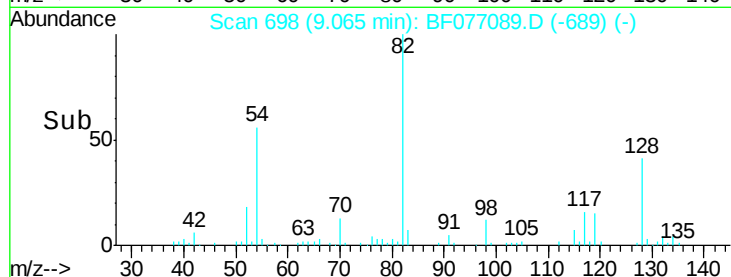
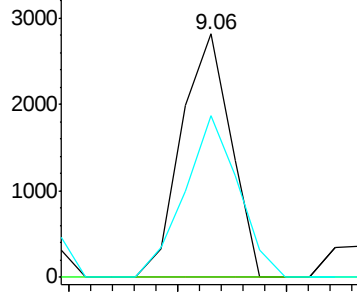
65 66.5 11.4 17.2#



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) (-)



#31

Naphthalene

Concen: 5.03 ng

RT: 10.72 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

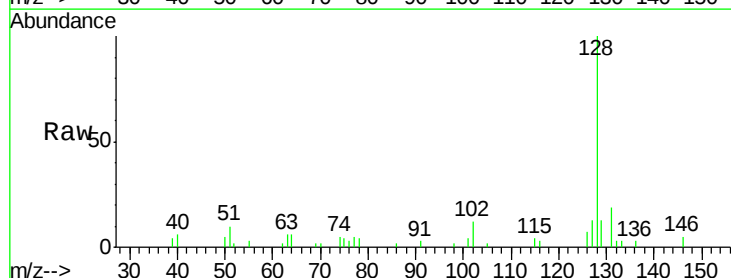
Tgt Ion: 128 Resp: 29542

Ion Ratio Lower Upper

128 100

129 13.4 9.0 13.6

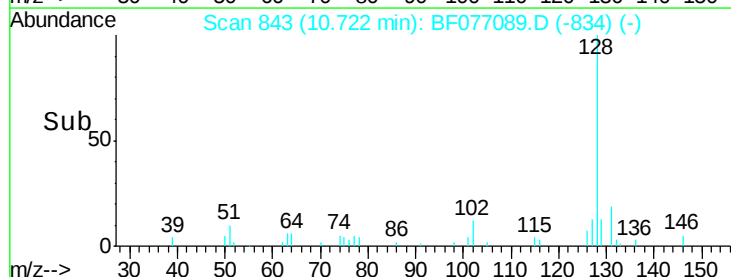
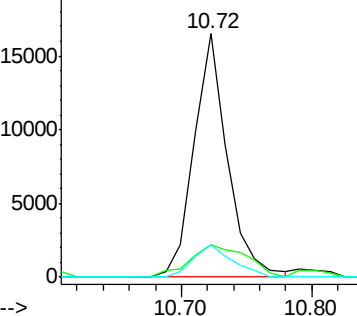
127 13.2 10.2 15.2

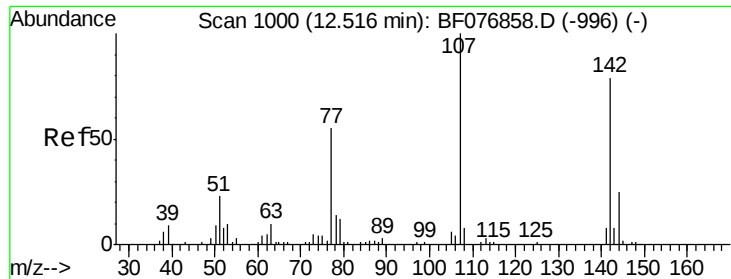


Abundance Ion 128.00 (127.70 to 128.70): BF076858.D (-861) (-)

Ion 129.00 (128.70 to 129.70): BF076858.D (-861) (-)

Ion 127.00 (126.70 to 127.70): BF076858.D (-861) (-)

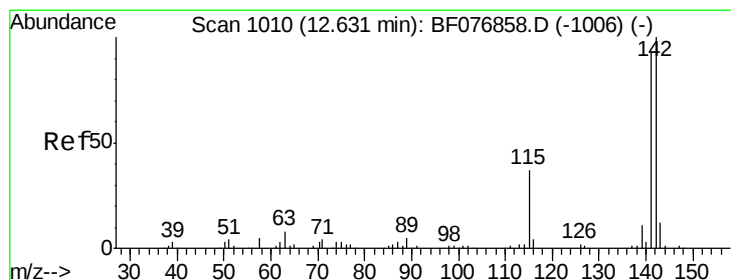
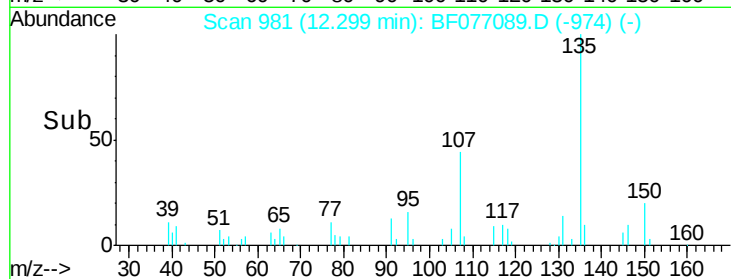
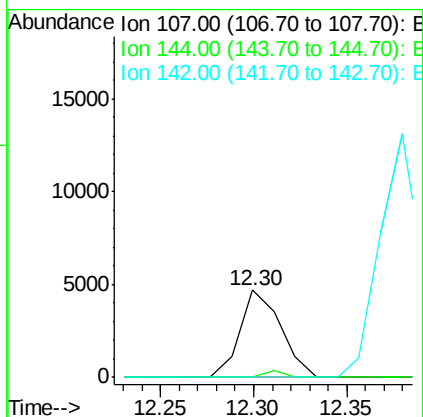
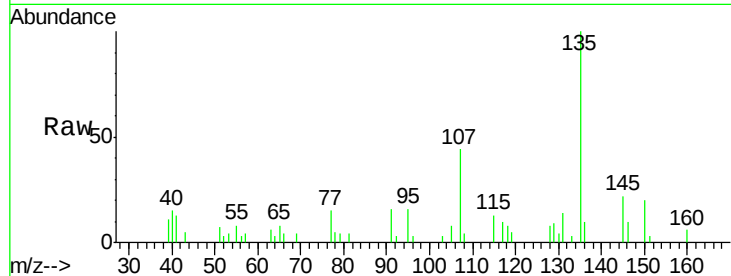




#36
4-Chloro-3-methylphenol
Concen: 4.15 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

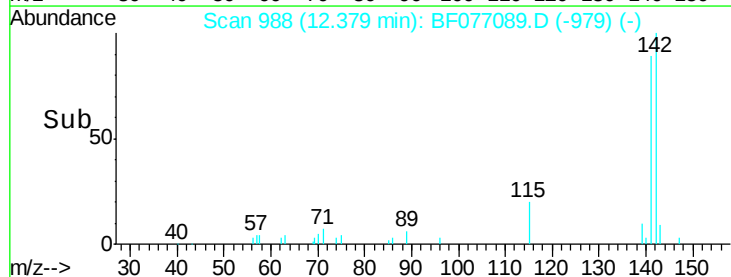
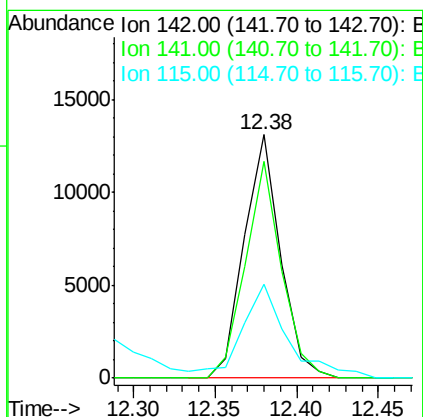
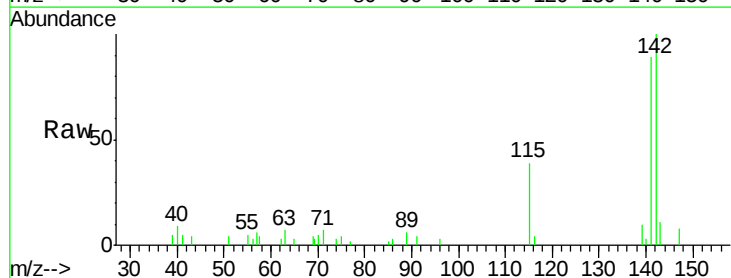
Instrument :
BNA_F
ClientSampleId :

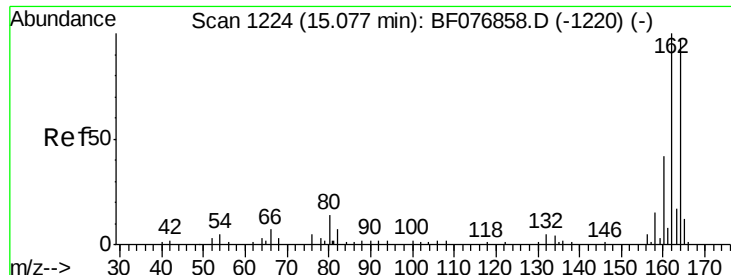
Tot Ion:107 Resp: 7192
Ion Ratio Lower Upper
107 100
144 0.0 20.0 30.0#
142 0.0 63.5 95.3#



#37
2-Methylnaphthalene
Concen: 5.04 ng
RT: 12.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Tgt Ion:142 Resp: 20224
Ion Ratio Lower Upper
142 100
141 88.9 74.5 111.7
115 38.8 29.7 44.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

Instrument :

BNA_F

ClientSampleId :

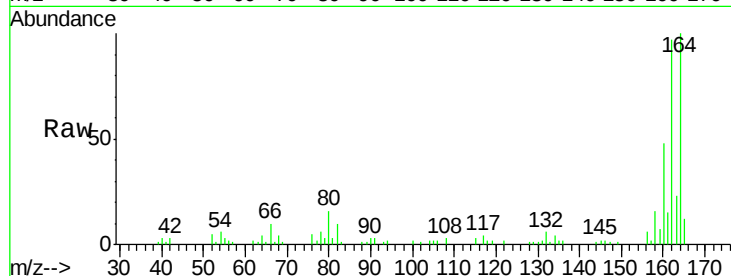
Tot Ion:164 Resp: 54730

Ion Ratio Lower Upper

164 100

162 97.3 82.4 123.6

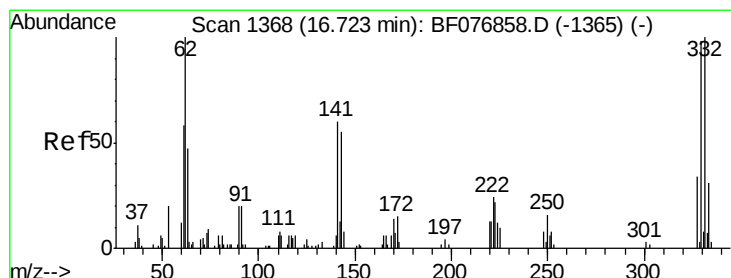
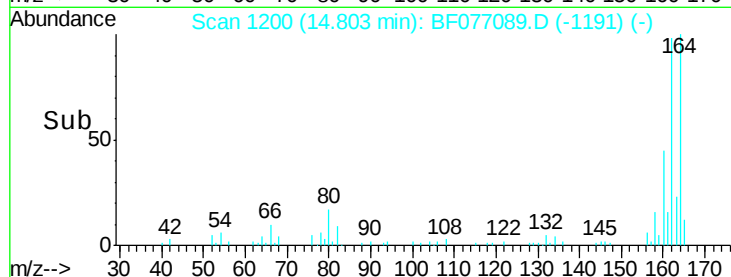
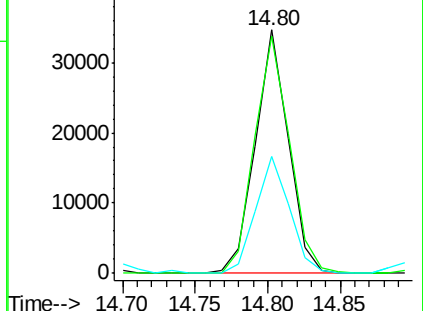
160 47.9 34.8 52.2



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



#41

2,4,6-Tribromophenol

Concen: 103.65 ng

RT: 16.53 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

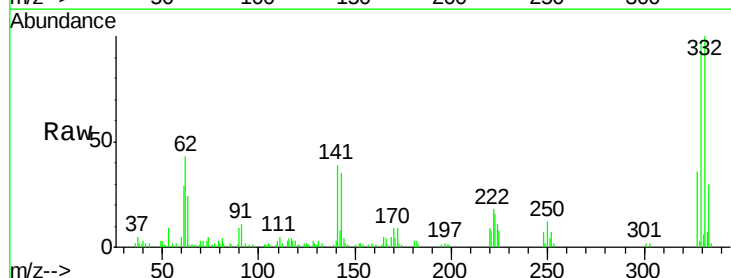
Tgt Ion:330 Resp: 46047

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

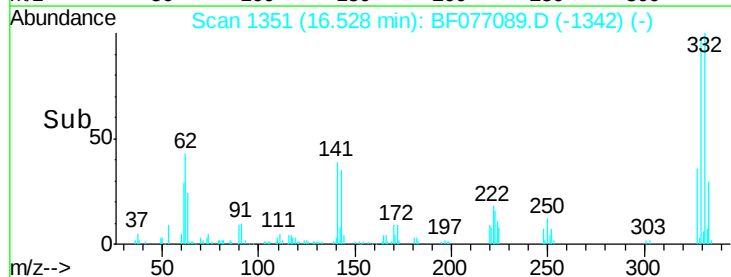
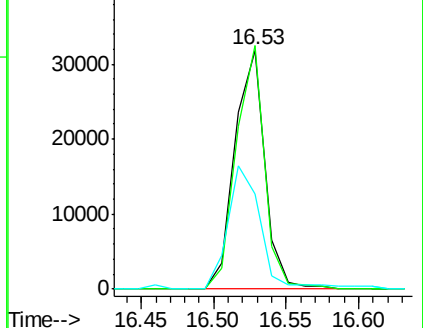
141 55.9 38.5 57.7

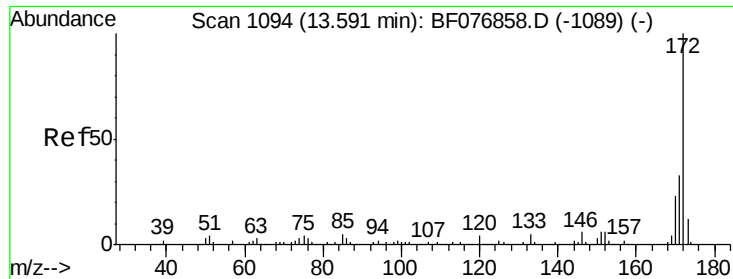


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

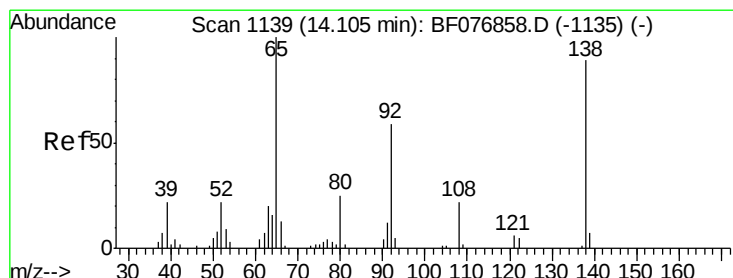
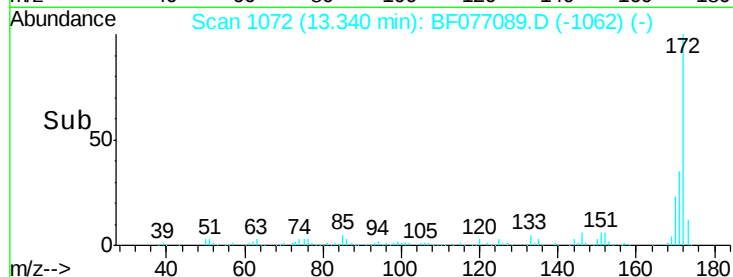
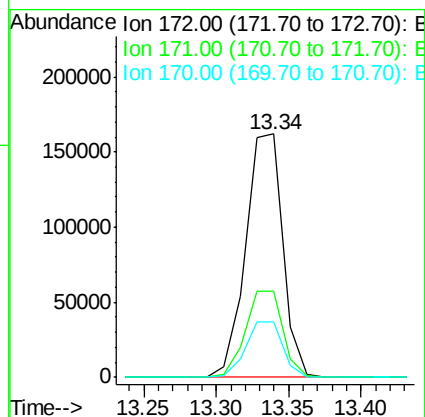
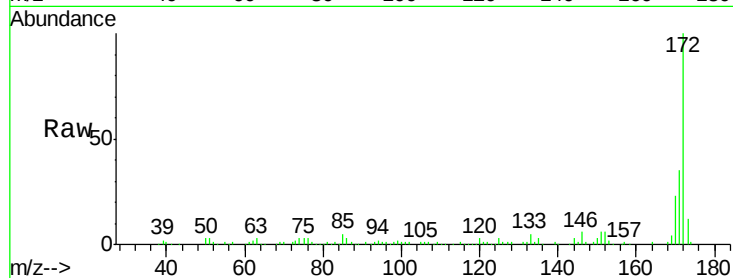




#44
2-Fluorobiphenyl
Concen: 79.94 ng
RT: 13.34 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

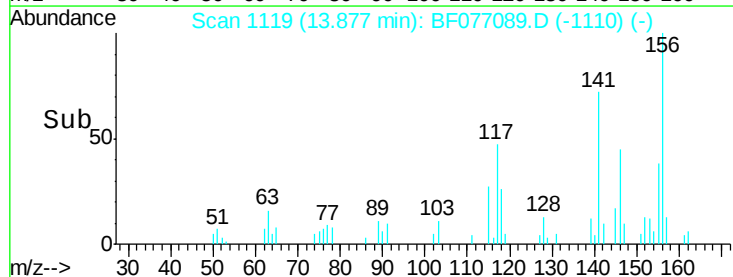
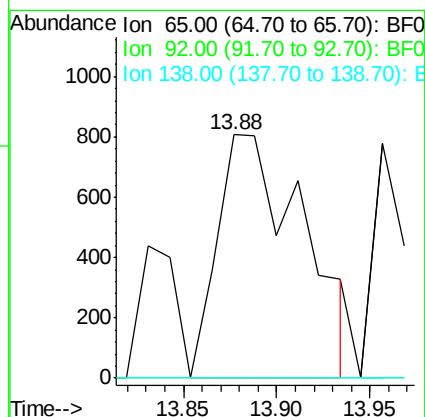
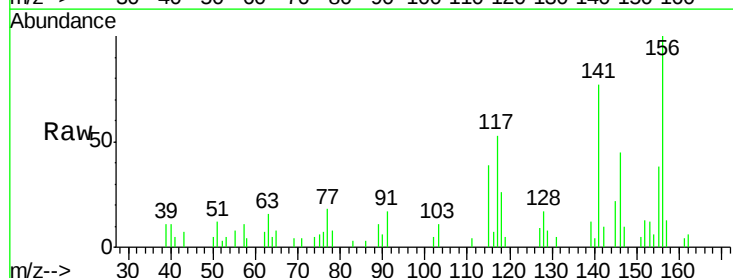
Instrument :
BNA_F
ClientSampleId :

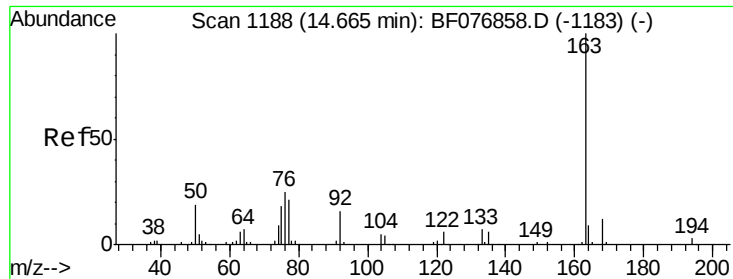
Tot Ion:172 Resp: 287488
Ion Ratio Lower Upper
172 100
171 35.5 26.6 40.0
170 23.0 18.0 27.0



#47
2-Nitroaniline
Concen: 2.55 ng
RT: 13.88 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Tgt Ion: 65 Resp: 2579
Ion Ratio Lower Upper
65 100
92 0.0 47.3 70.9#
138 0.0 71.4 107.2#

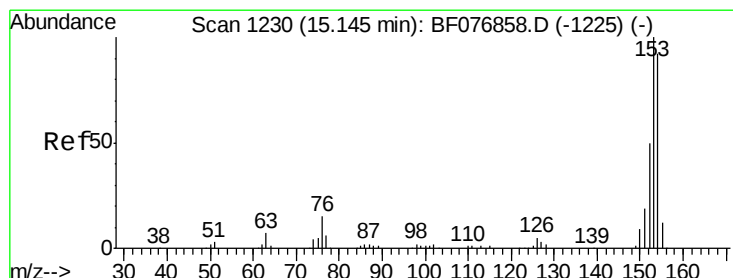
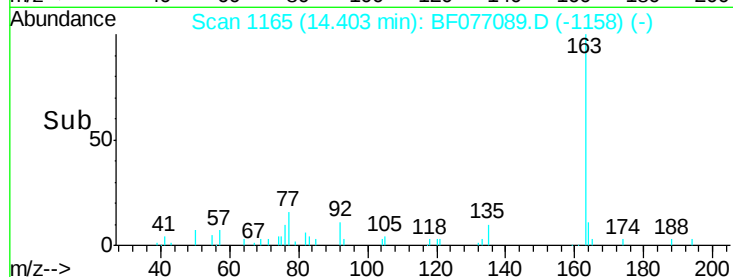
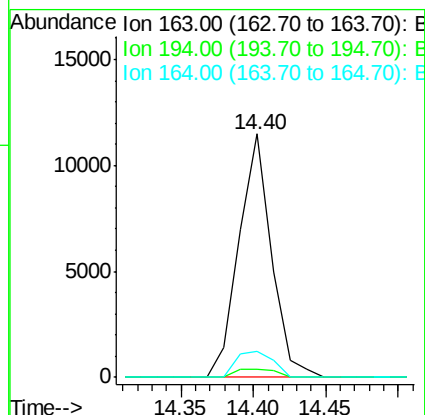
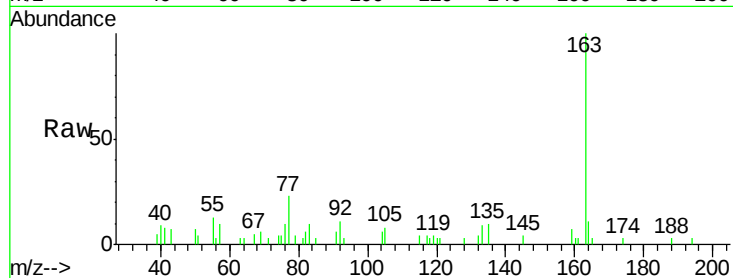




#49
Dimethylphthalate
Concen: 4.59 ng
RT: 14.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

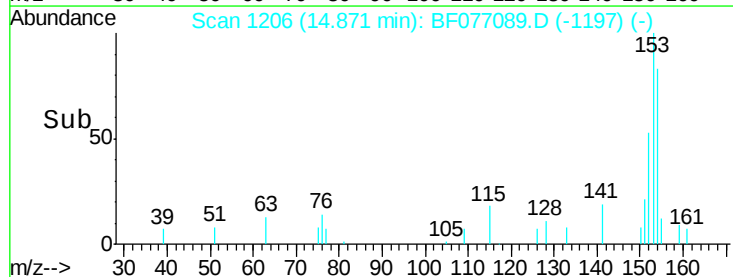
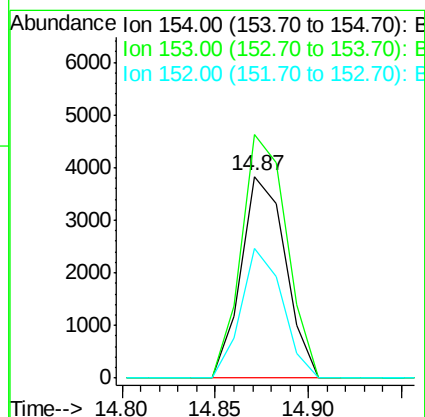
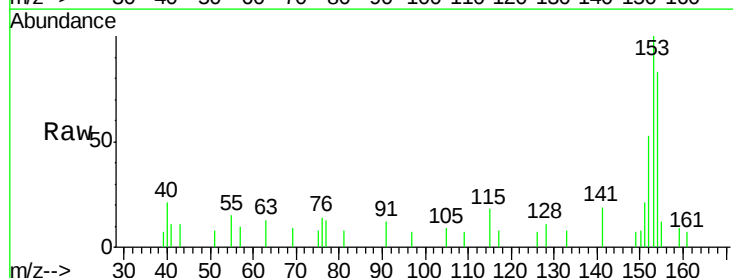
Instrument :
BNA_F
ClientSampleId :

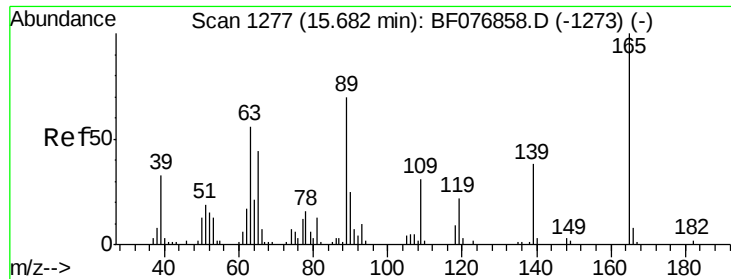
Tot Ion:163 Resp: 17834
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 7.5 11.3



#51
Acenaphthene
Concen: 2.01 ng
RT: 14.87 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Tgt Ion:154 Resp: 6407
Ion Ratio Lower Upper
154 100
153 120.8 87.0 130.6
152 64.4 43.5 65.3

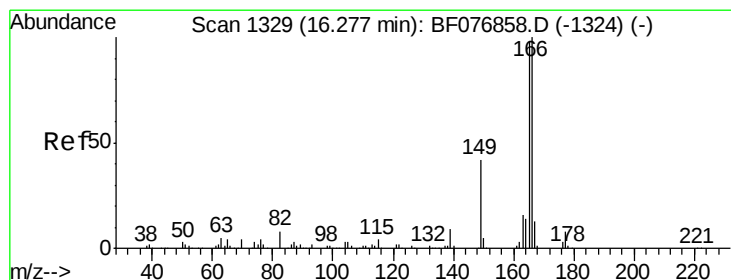
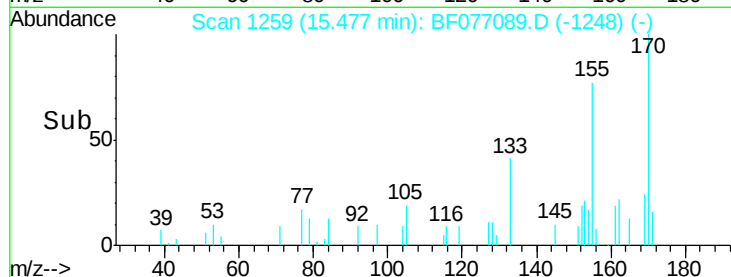
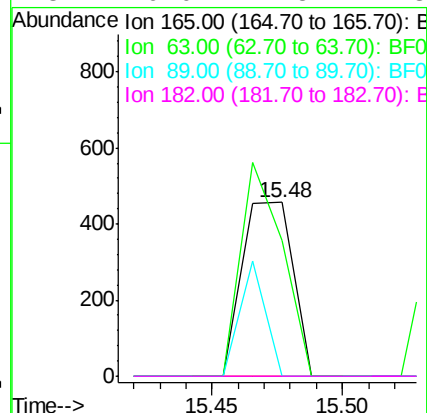
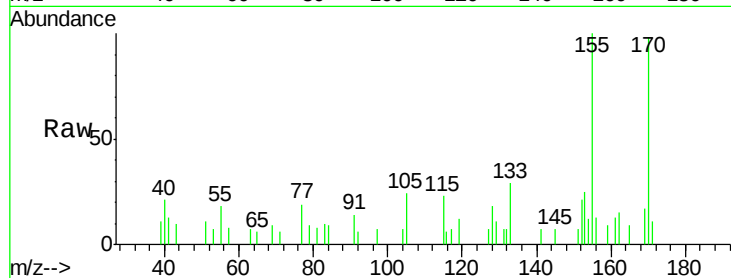




#56
2,4-Dinitrotoluene
Concen: 2.63 ng
RT: 15.48 min Scan# 1259
Delta R.T. 0.02 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

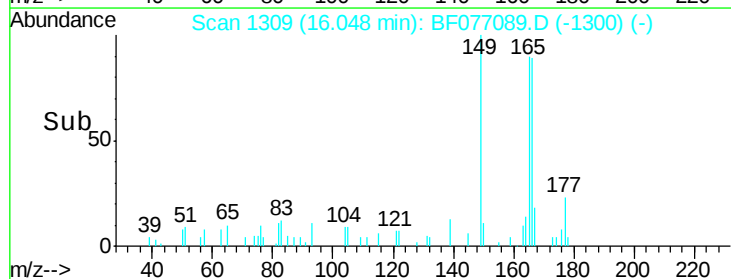
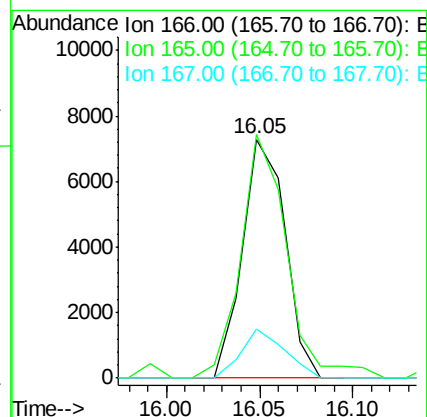
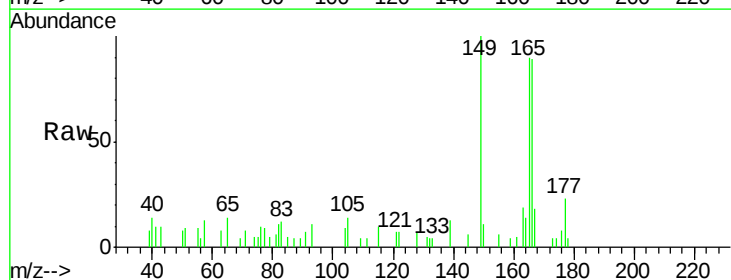
Instrument :
BNA_F
ClientSampleId :

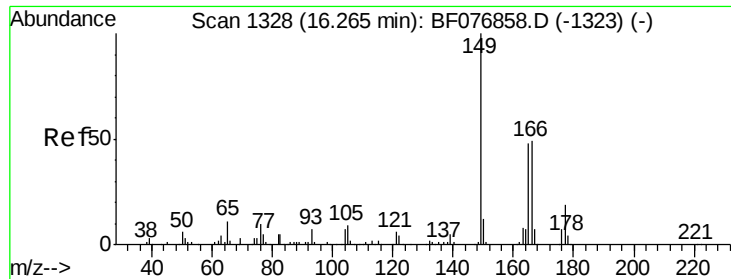
Tot Ion:165 Resp: 625
Ion Ratio Lower Upper
165 100
63 78.1 44.8 67.2#
89 0.0 56.2 84.2#
182 0.0 1.5 2.3#



#57
Fluorene
Concen: 2.95 ng
RT: 16.05 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Tgt Ion:166 Resp: 11615
Ion Ratio Lower Upper
166 100
165 101.9 78.5 117.7
167 20.4 10.4 15.6#

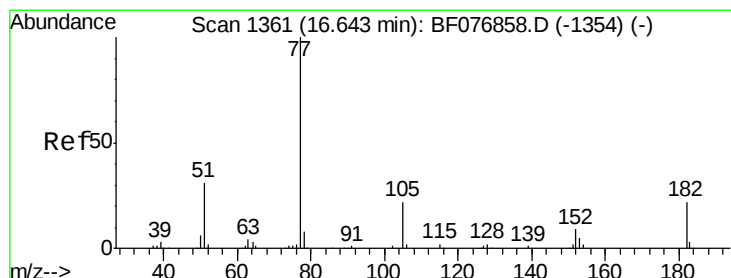
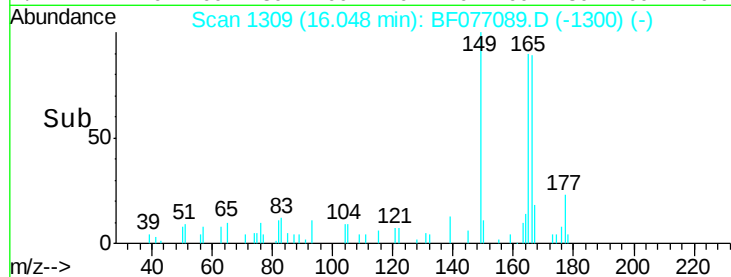
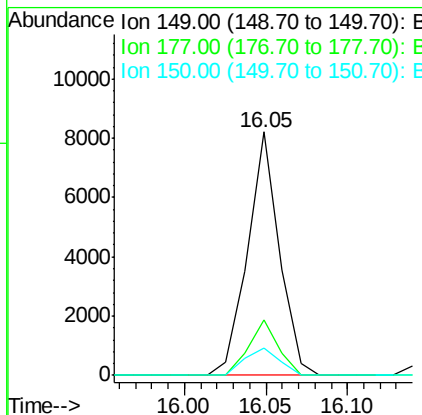
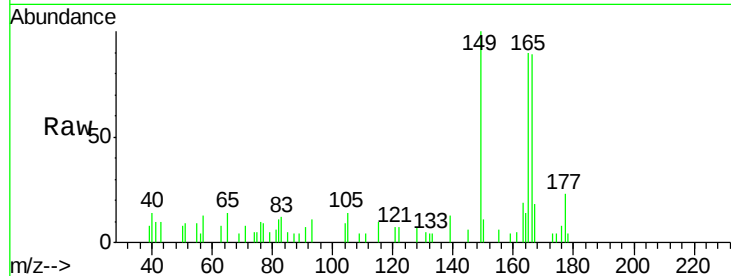




#59
Diethylphthalate
Concen: 2.83 ng
RT: 16.05 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

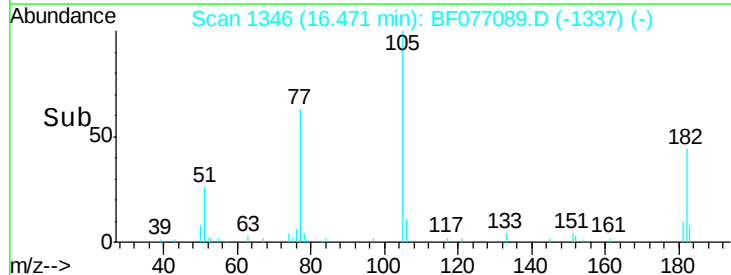
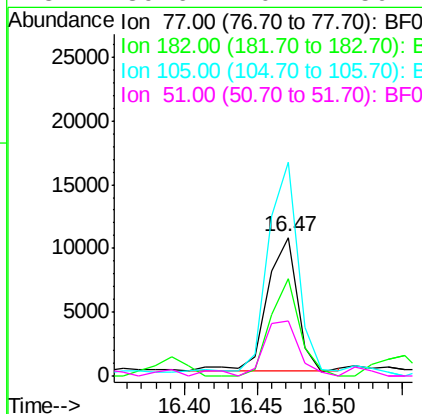
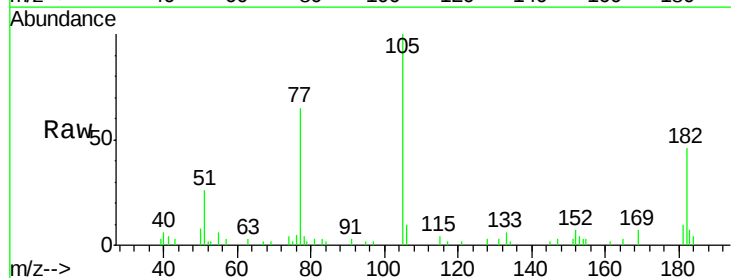
Instrument :
BNA_F
ClientSampleId :

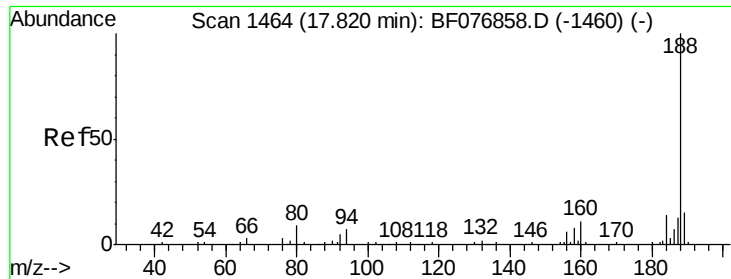
Tot Ion:149 Resp: 11091
Ion Ratio Lower Upper
149 100
177 22.7 15.0 22.6#
150 11.0 9.4 14.0



#62
Azobenzene
Concen: 3.67 ng
RT: 16.47 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF077089.D
Acq: 27 Jan 2015 17:36

Tgt Ion: 77 Resp: 15003
Ion Ratio Lower Upper
77 100
182 70.6 2.0 42.0#
105 154.4 2.3 42.3#
51 39.6 10.7 50.7

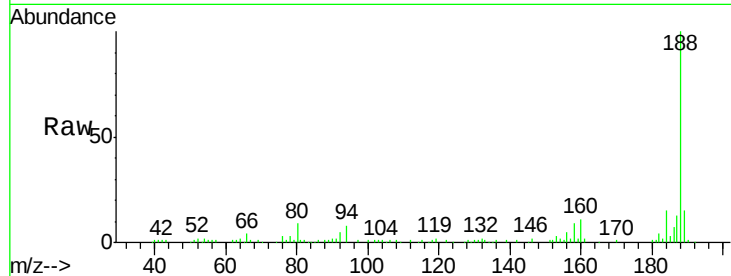




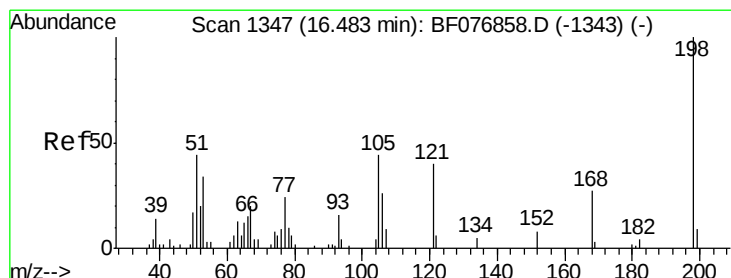
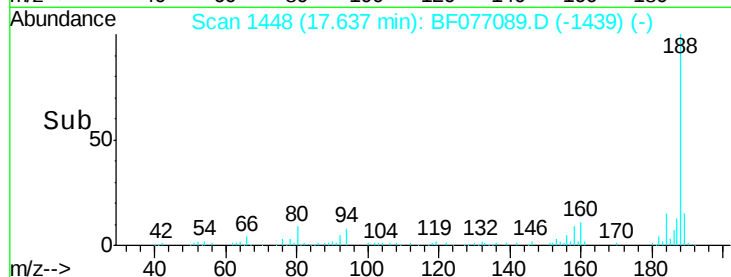
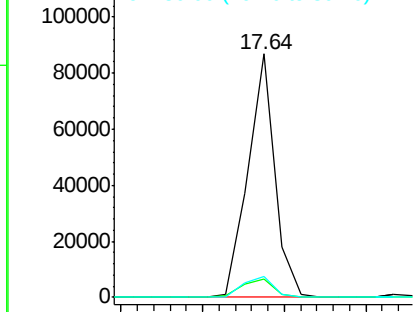
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 99013
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.0 9.0
 80 8.8 6.9 10.3

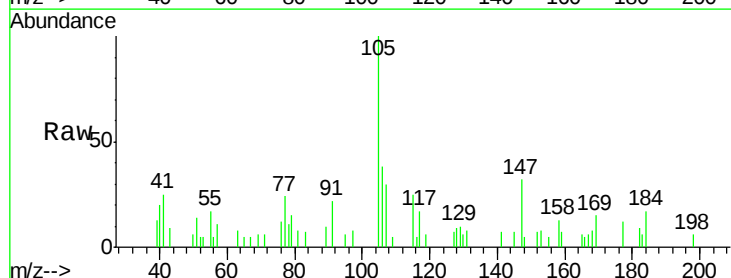


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

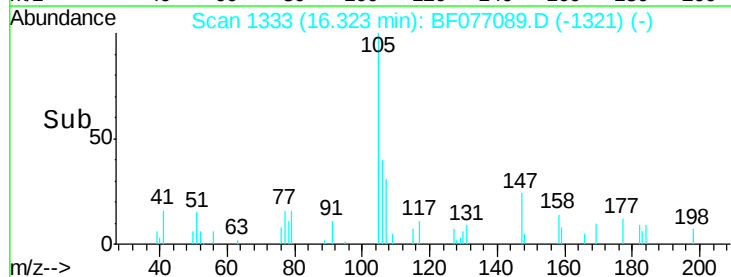
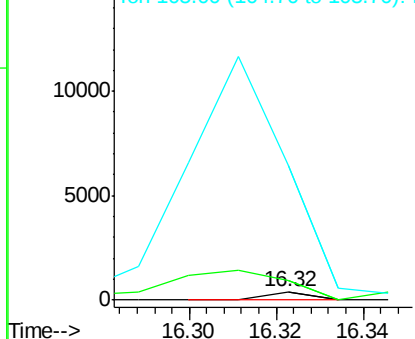


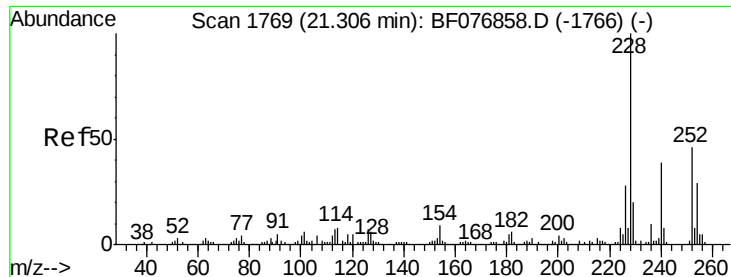
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.72 ng
 RT: 16.32 min Scan# 1333
 Delta R.T. 0.03 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Tgt Ion:198 Resp: 282
 Ion Ratio Lower Upper
 198 100
 51 221.4 24.2 64.2#
 105 1572.5 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: 21.15 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

Instrument :

BNA_F

ClientSampleId :

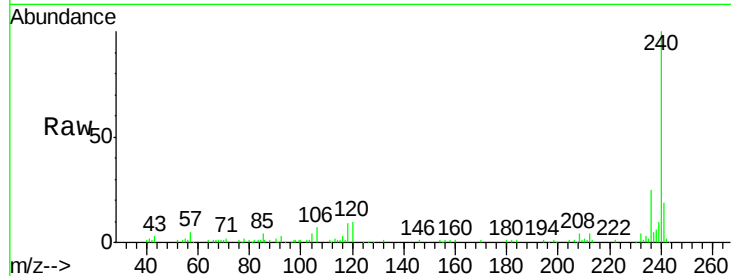
Tot Ion:240 Resp: 104384

Ion Ratio Lower Upper

240 100

120 10.1 10.4 15.6#

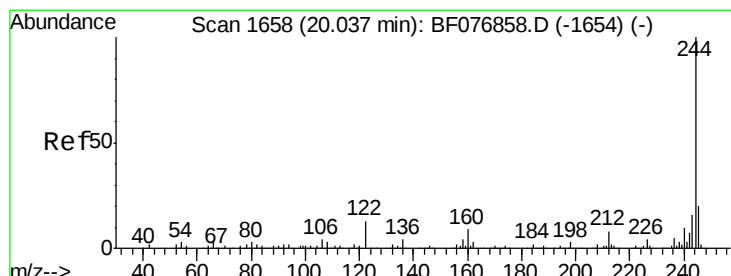
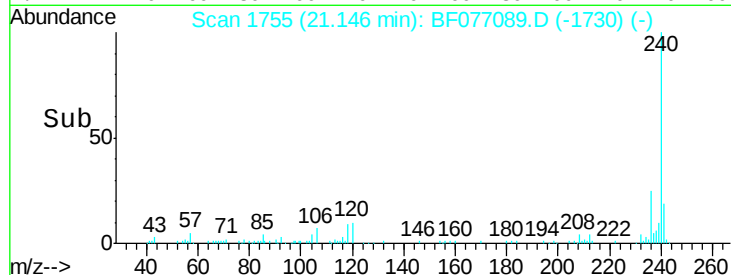
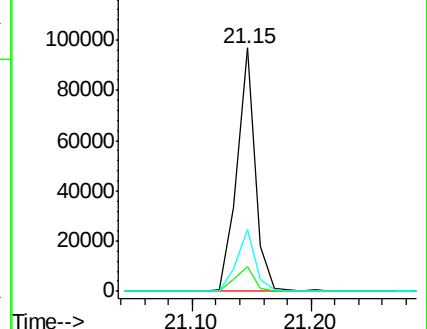
236 25.4 20.2 30.2



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



#78

Terphenyl-d14

Concen: 66.46 ng

RT: 19.88 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BF077089.D

Acq: 27 Jan 2015 17:36

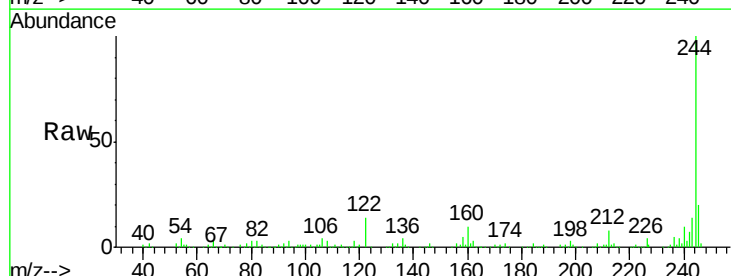
Tgt Ion:244 Resp: 301356

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

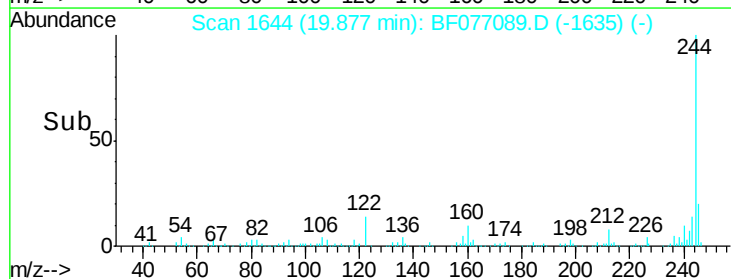
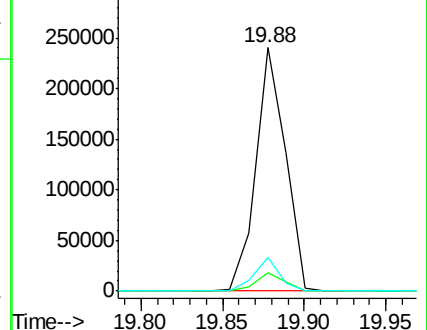
122 13.6 10.1 15.1

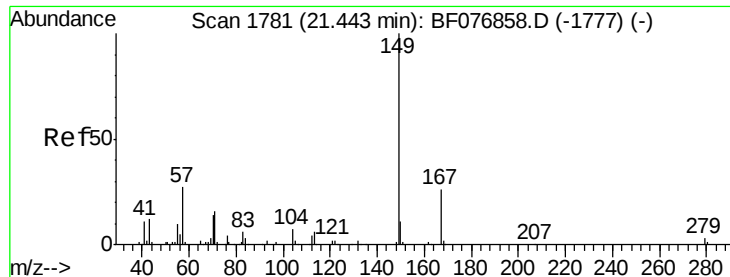


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

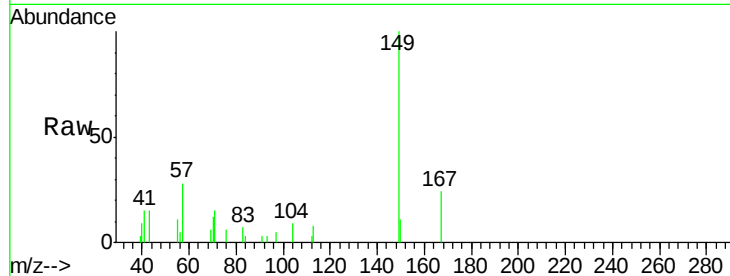




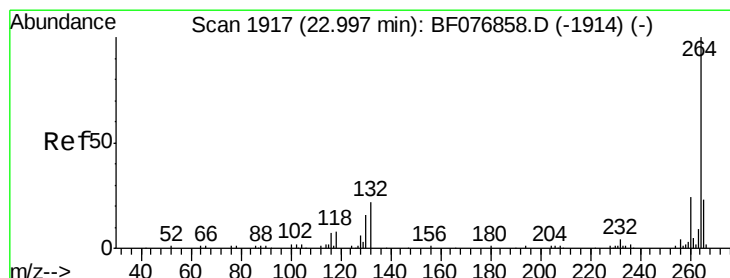
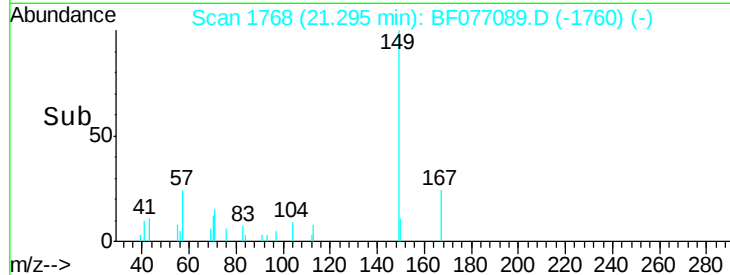
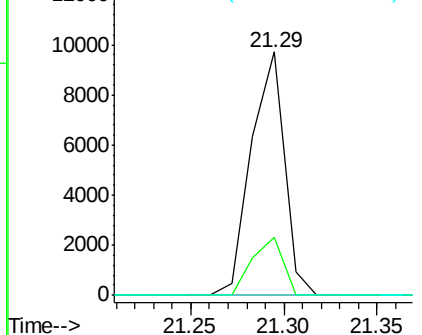
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.68 ng
 RT: 21.29 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 12011
 Ion Ratio Lower Upper
 149 100
 167 23.7 20.6 30.8
 279 0.0 2.2 3.2#

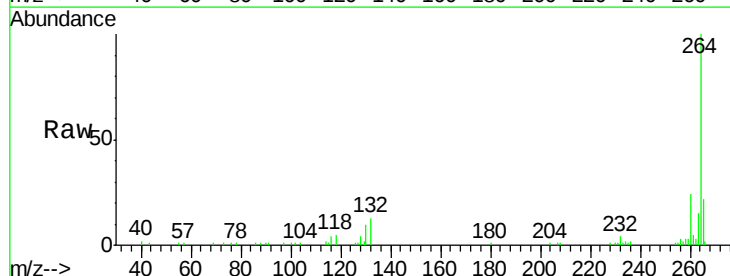


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.88 min Scan# 1907
 Delta R.T. -0.08 min
 Lab File: BF077089.D
 Acq: 27 Jan 2015 17:36

Tgt Ion:264 Resp: 83110
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.9 18.1 27.1



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

