

Data Path : Z:\HPCHEM1\BNA_F\Data\BF012815\
 Data File : BF077105.D
 Acq On : 28 Jan 2015 16:55
 Operator : TP/IZ
 Sample : G1138-05DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275B3DL

Quant Time: Jan 28 17:57:31 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 16:07:35 2015
 Response via : Initial Calibration

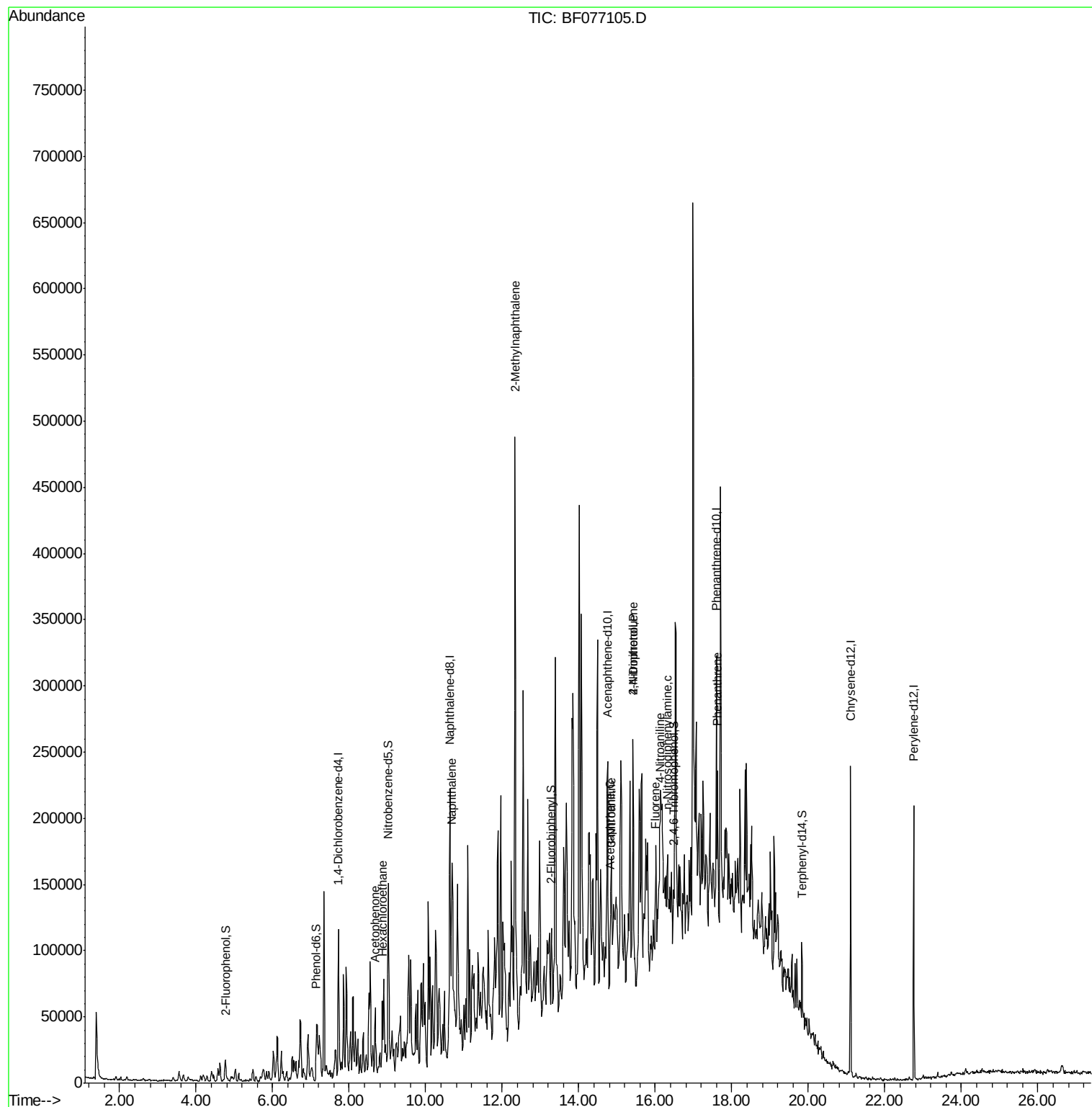
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	28386	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	117681	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	56308	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	102377	20.00	ng	-0.01
75) Chrysene-d12	21.10	240	96599	20.00	ng	-0.01
86) Perylene-d12	22.76	264	91936	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.77	112	12696	7.35	ng	0.02
7) Phenol-d6	7.14	99	16323	7.49	ng	0.00
23) Nitrobenzene-d5	9.02	82	10663	5.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.48	330	2828	6.19	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	21640	5.85	ng	-0.01
78) Terphenyl-d14	19.83	244	18949	4.52	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	8.87	117	3045	3.65	ng	# 1
22) Acetophenone	8.68	105	30477	10.57	ng	# 55
31) Naphthalene	10.68	128	84255	13.91	ng	97
37) 2-Methylnaphthalene	12.33	142	194515	47.01	ng	95
51) Acenaphthene	14.83	154	7087	2.16	ng	# 88
52) 3-Nitroaniline	14.84	138	513	2.29	ng	# 54
55) 4-Nitrophenol	15.42	139	3683	5.88	ng	# 52
56) 2,4-Dinitrotoluene	15.42	165	3563	4.96	ng	# 47
57) Fluorene	16.00	166	16866	4.16	ng	# 97
61) 4-Nitroaniline	16.12	138	1402	2.78	ng	# 31
65) n-Nitrosodiphenylamine	16.32	169	17938	4.91	ng	# 52
70) Phenanthrene	17.63	178	54076	8.47	ng	97

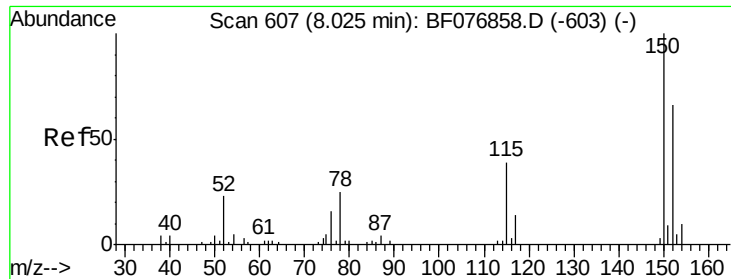
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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QLast Update : Wed Jan 28 16:07:35 2015
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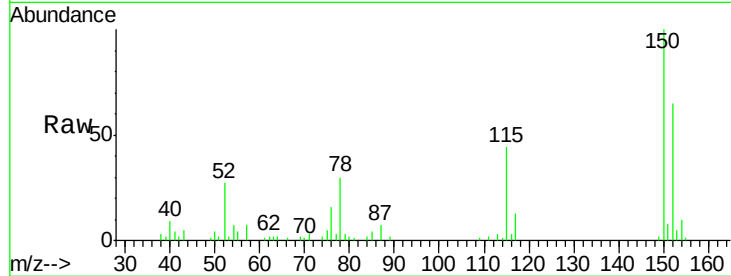


#1

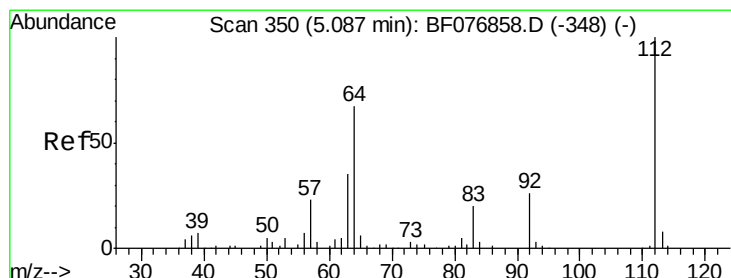
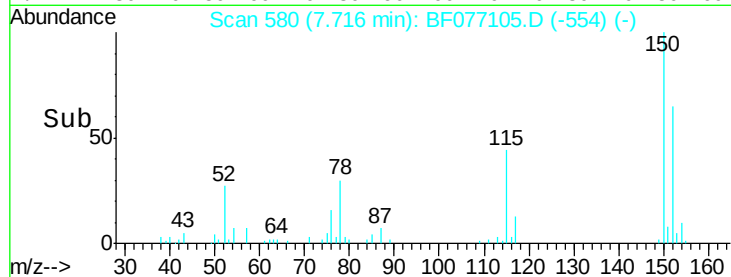
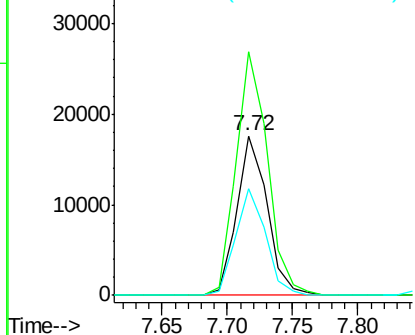
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:152 Resp: 28386
Ion Ratio Lower Upper
152 100
150 152.7 121.7 182.5
115 66.8 47.0 70.6



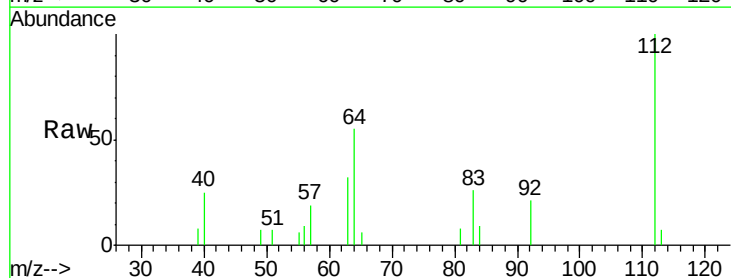
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



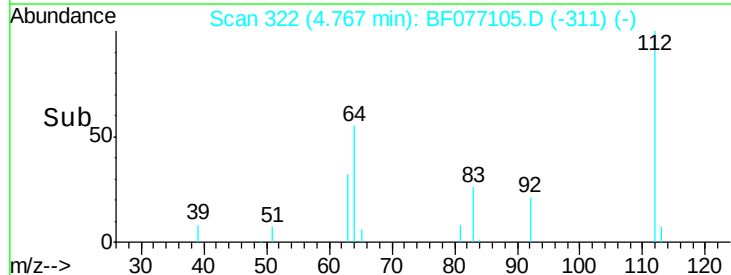
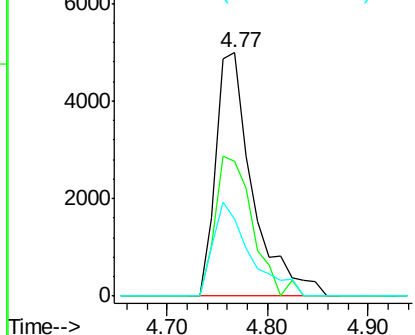
#5

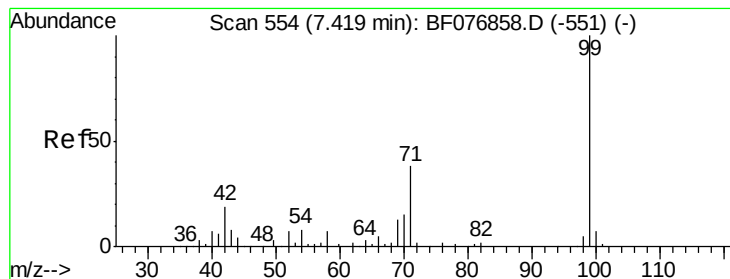
2-Fluorophenol
Concen: 7.35 ng
RT: 4.77 min Scan# 322
Delta R.T. 0.02 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:112 Resp: 12696
Ion Ratio Lower Upper
112 100
64 55.3 54.2 81.4
63 32.0 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: 7.49 ng

RT: 7.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077105.D

Acq: 28 Jan 2015 16:55

Instrument :

BNA_F

ClientSampleId :

275B3DL

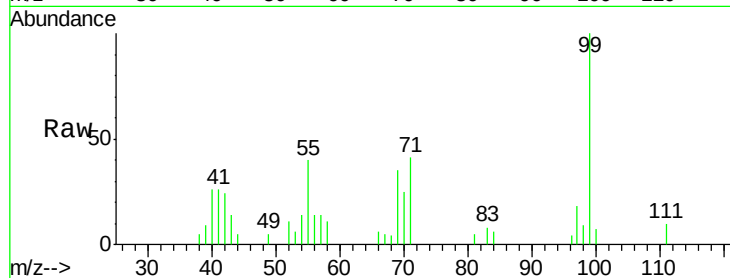
Tgt Ion: 99 Resp: 16323

Ion Ratio Lower Upper

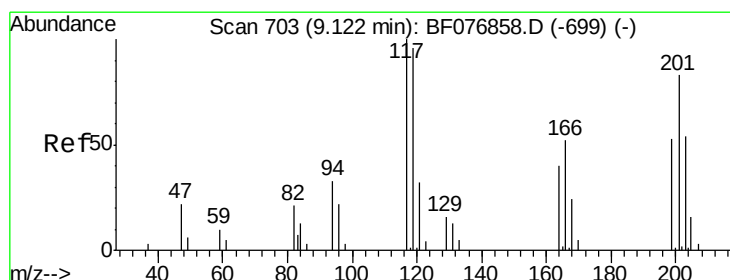
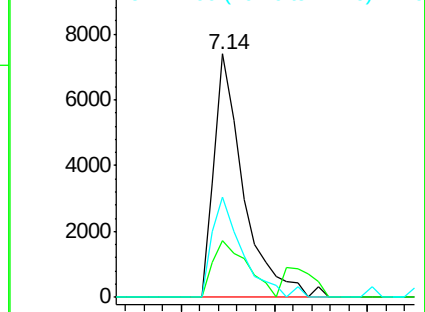
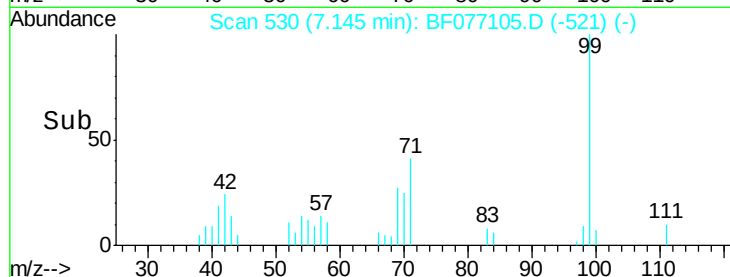
99 100

42 23.6 15.0 22.4#

71 41.1 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF077105.D (-521) (-)



#18

Hexachloroethane

Concen: 3.65 ng

RT: 8.87 min Scan# 681

Delta R.T. 0.05 min

Lab File: BF077105.D

Acq: 28 Jan 2015 16:55

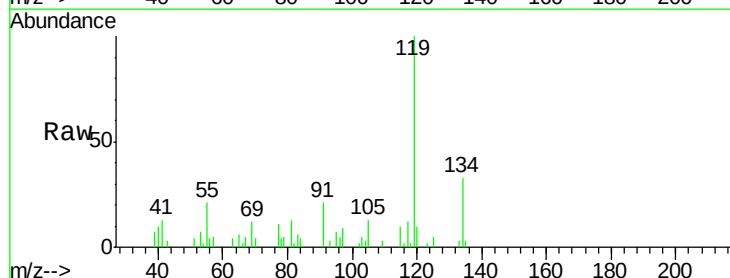
Tgt Ion: 117 Resp: 3045

Ion Ratio Lower Upper

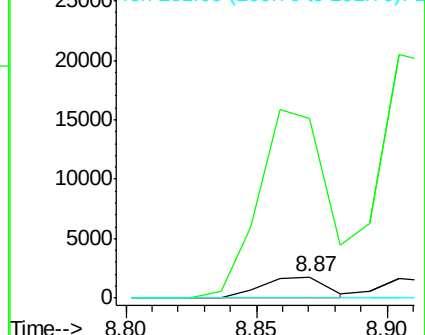
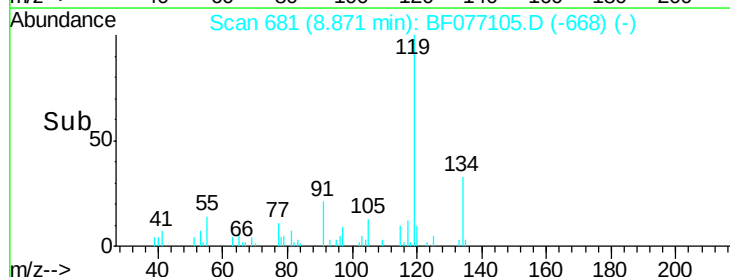
117 100

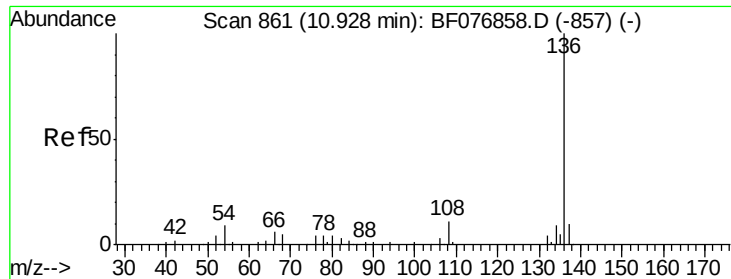
119 837.1 77.1 115.7#

201 0.0 66.8 100.2#



Abundance Ion 117.00 (116.70 to 117.70): BF077105.D (-668) (-)

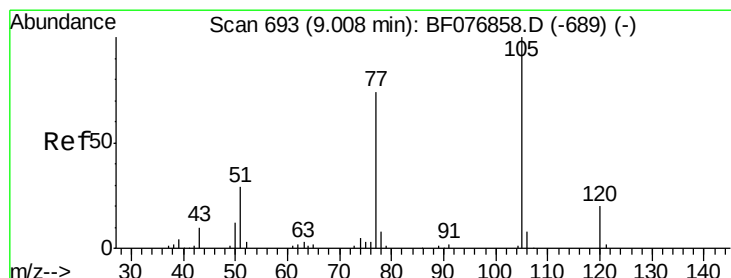
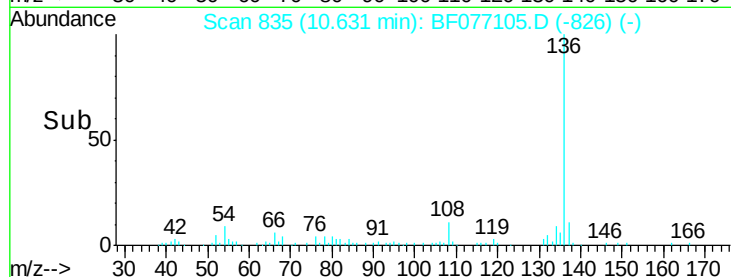
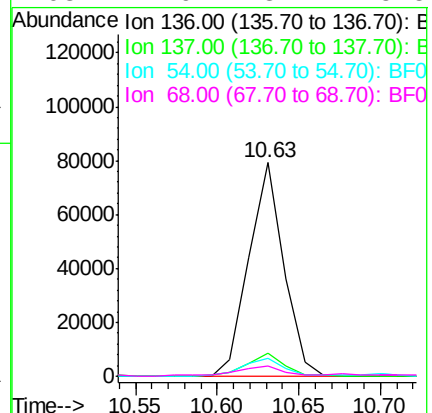
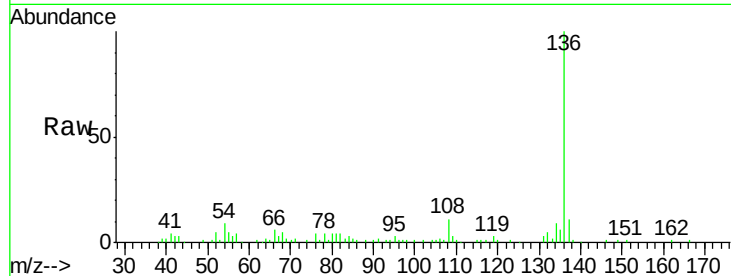




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

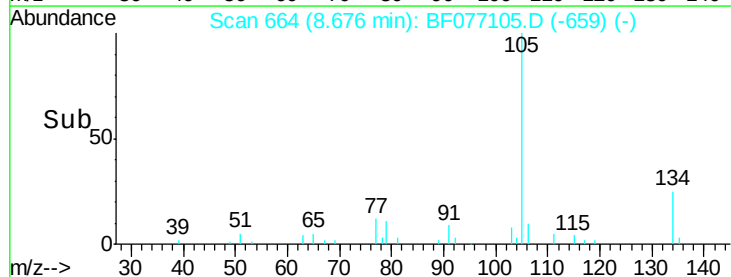
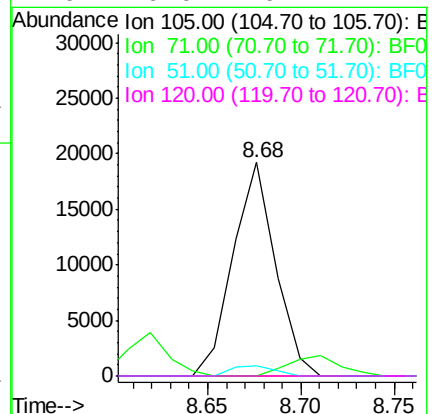
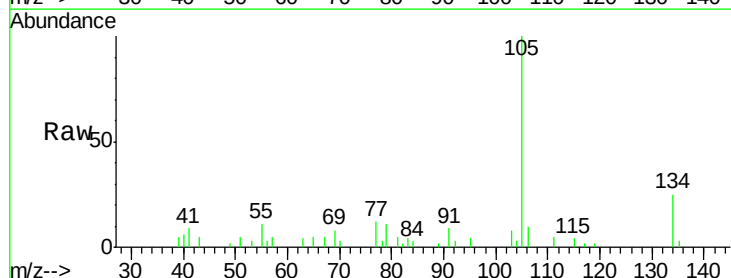
Instrument :
BNA_F
ClientSampleId :
275B3DL

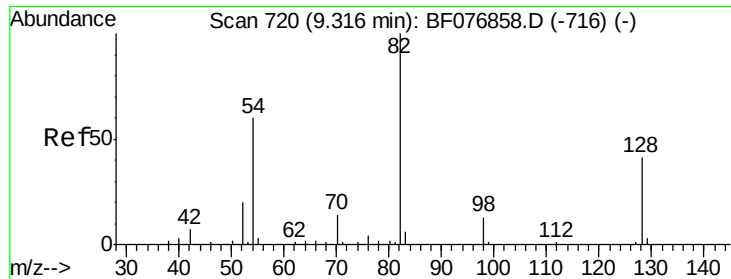
Tgt Ion:	136	Resp:	117681
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.1	12.1
54	8.6	7.0	10.4
68	4.9	3.7	5.5



#22
Acetophenone
Concen: 10.57 ng
RT: 8.68 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:	105	Resp:	30477
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	4.8	23.3	34.9#
120	0.0	16.1	24.1#

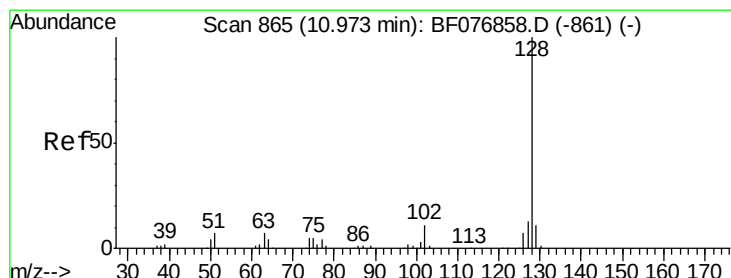
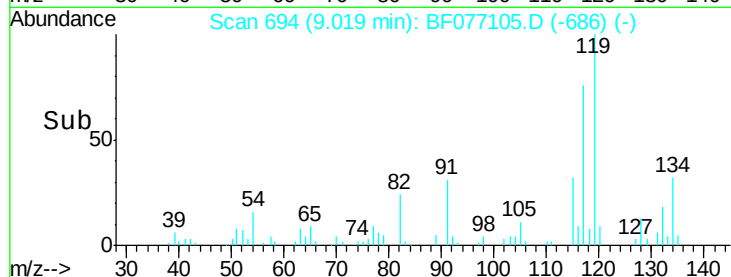
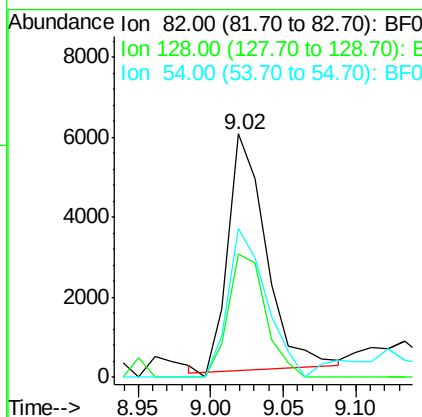
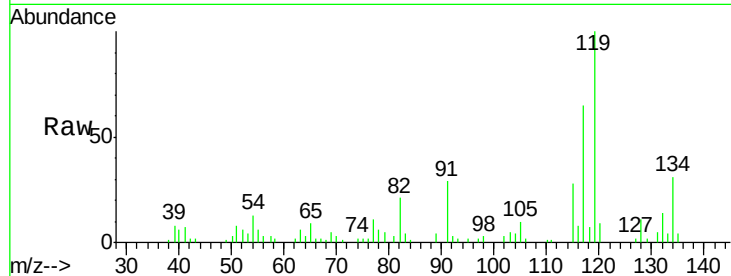




#23
Nitrobenzene-d5
Concen: 5.02 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

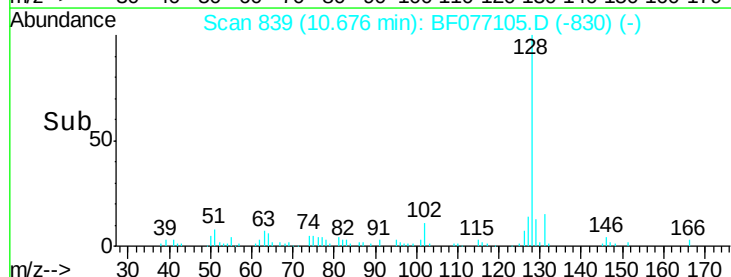
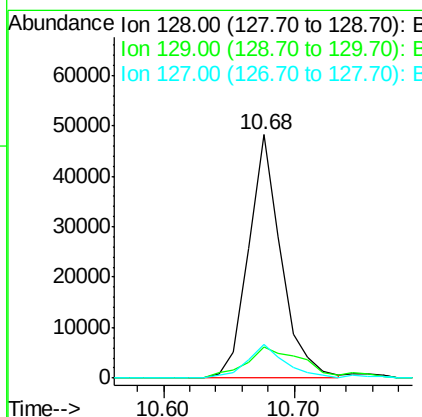
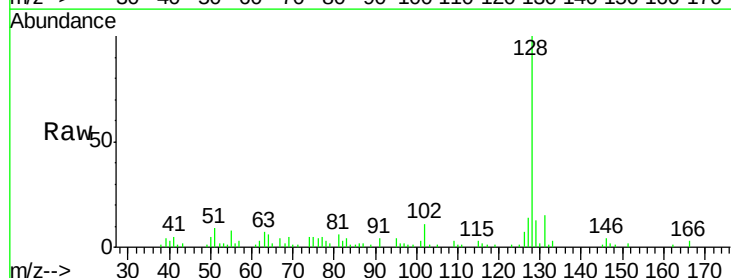
Instrument :
BNA_F
ClientSampled :
275B3DL

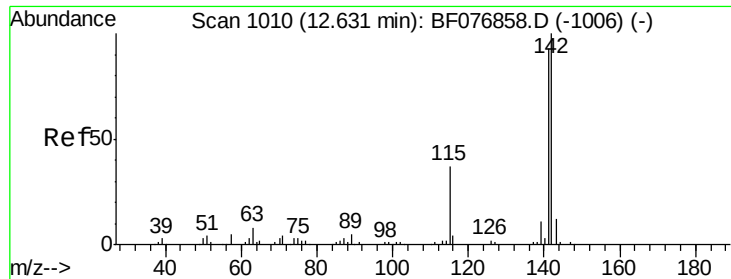
Tgt Ion: 82 Resp: 10663
Ion Ratio Lower Upper
82 100
128 50.7 33.1 49.7#
54 61.1 48.3 72.5



#31
Naphthalene
Concen: 13.91 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion: 128 Resp: 84255
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.6
127 14.0 10.2 15.2

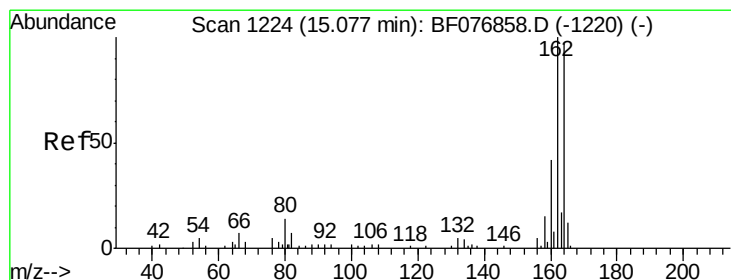
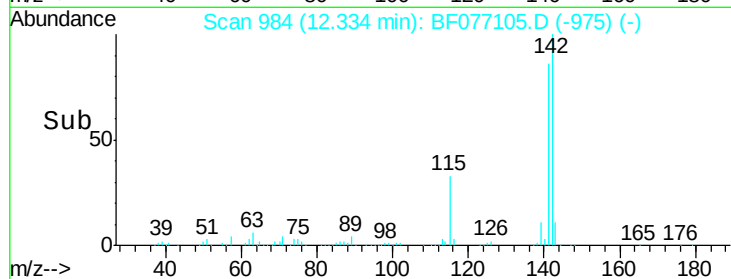
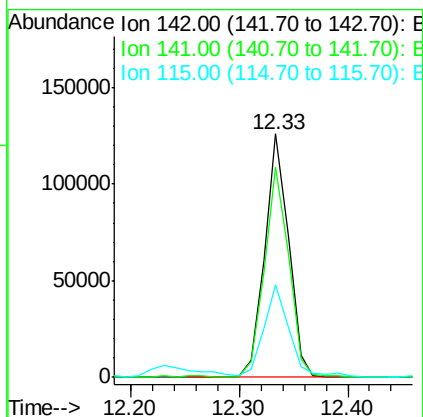
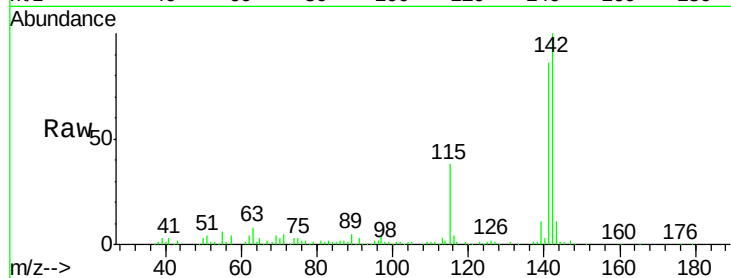




#37
 2-Methylnaphthalene
 Concen: 47.01 ng
 RT: 12.33 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF077105.D
 Acq: 28 Jan 2015 16:55

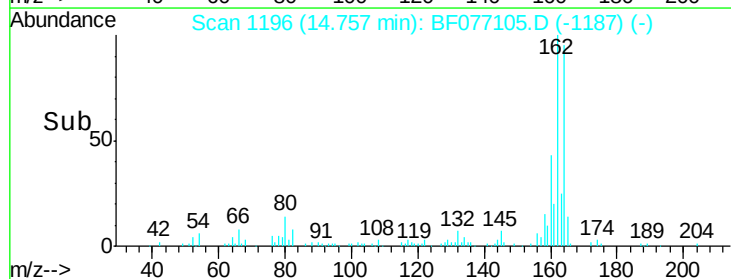
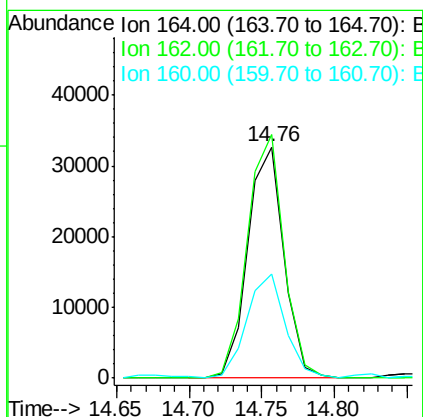
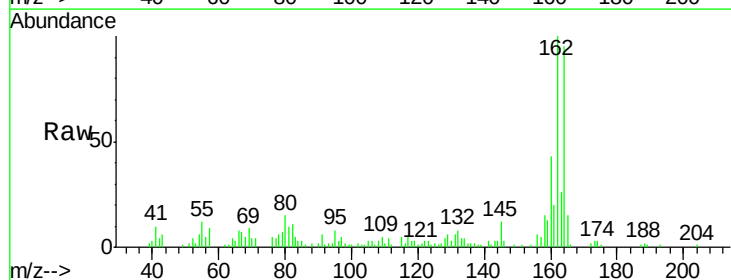
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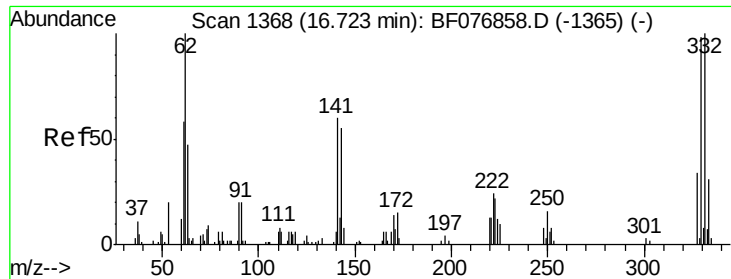
Tgt Ion:142 Resp: 194515
 Ion Ratio Lower Upper
 142 100
 141 86.3 74.5 111.7
 115 37.8 29.7 44.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF077105.D
 Acq: 28 Jan 2015 16:55

Tgt Ion:164 Resp: 56308
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.4 123.6
 160 45.2 34.8 52.2

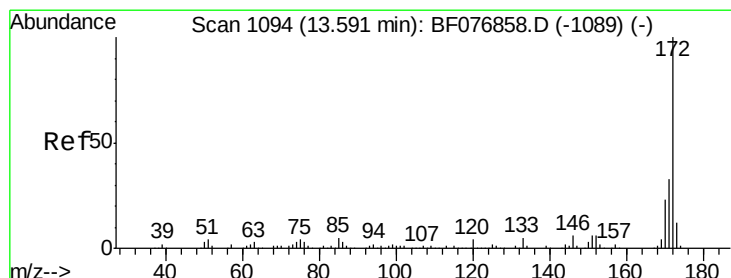
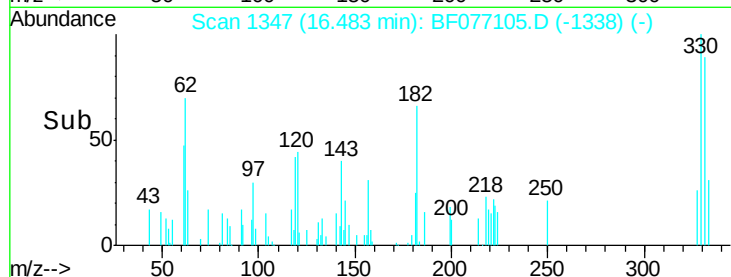
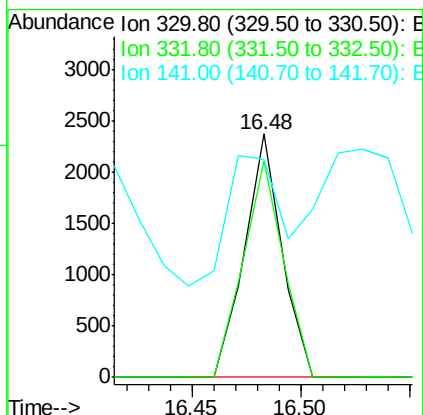
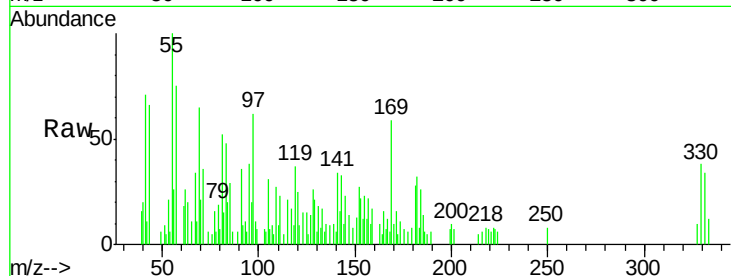




#41
 2,4,6-Tribromophenol
 Concen: 6.19 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF077105.D
 Acq: 28 Jan 2015 16:55

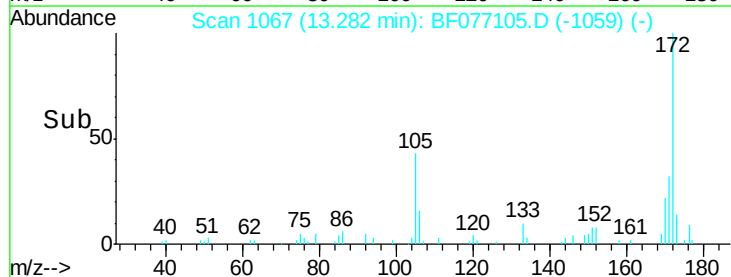
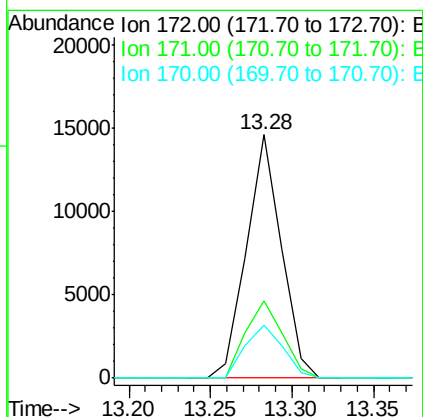
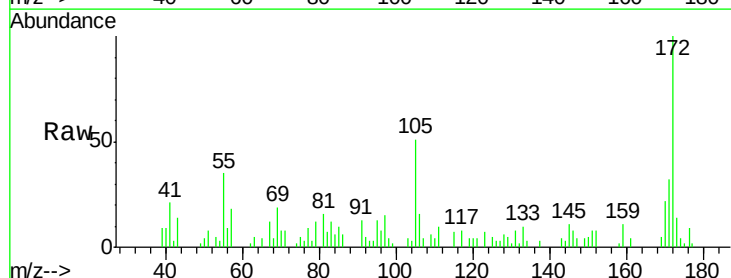
Instrument :
 BNA_F
 ClientSampled :
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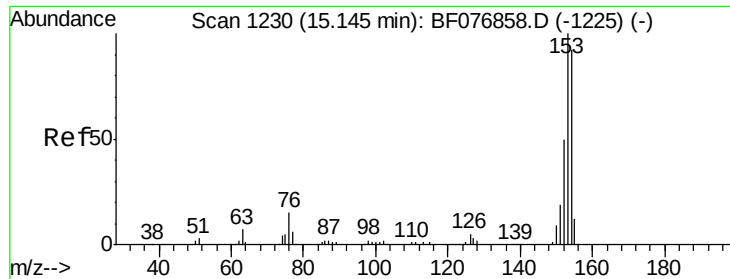
Tgt Ion: 330 Resp: 2828
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 75.4 38.5 57.7#



#44
 2-Fluorobiphenyl
 Concen: 5.85 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF077105.D
 Acq: 28 Jan 2015 16:55

Tgt Ion: 172 Resp: 21640
 Ion Ratio Lower Upper
 172 100
 171 31.8 26.6 40.0
 170 21.5 18.0 27.0





#51

Acenaphthene

Concen: 2.16 ng

RT: 14.83 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF077105.D

Acq: 28 Jan 2015 16:55

Instrument :

BNA_F

ClientSampleId :

275B3DL

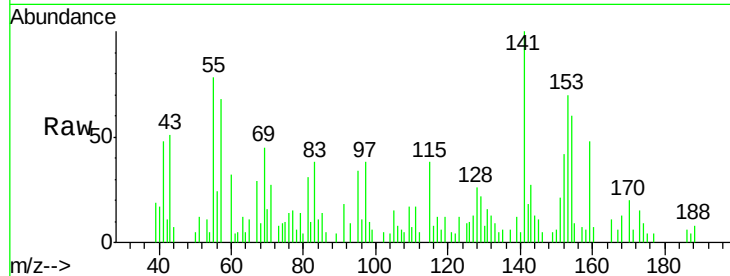
Tgt Ion:154 Resp: 7087

Ion Ratio Lower Upper

154 100

153 116.8 87.0 130.6

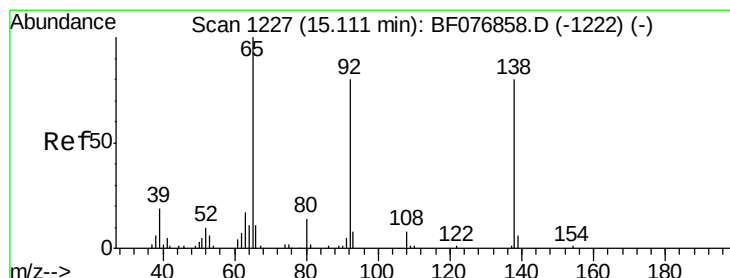
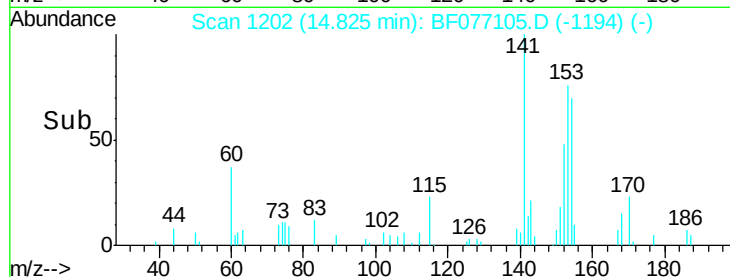
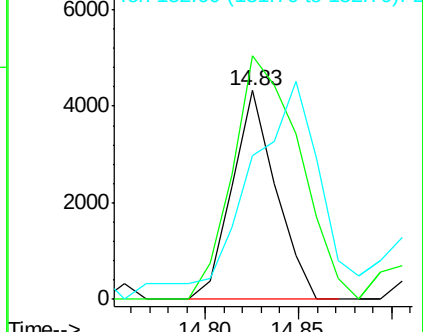
152 69.1 43.5 65.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.29 ng

RT: 14.84 min Scan# 1203

Delta R.T. 0.03 min

Lab File: BF077105.D

Acq: 28 Jan 2015 16:55

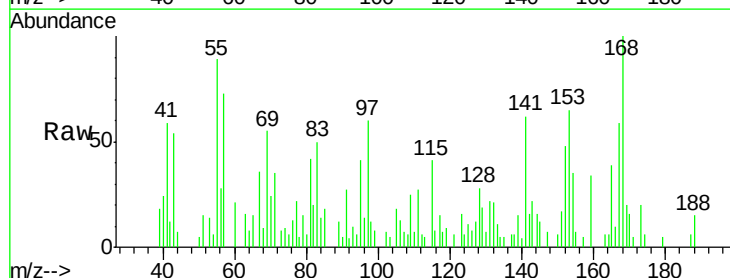
Tgt Ion:138 Resp: 513

Ion Ratio Lower Upper

138 100

108 106.6 8.3 12.5#

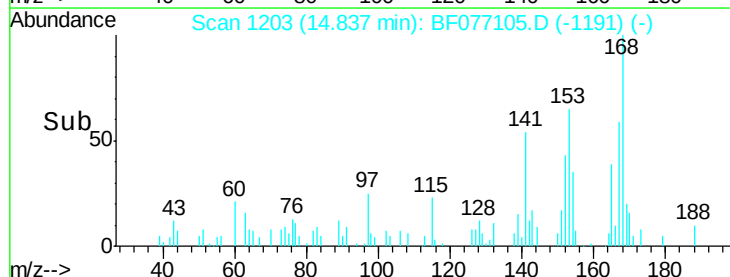
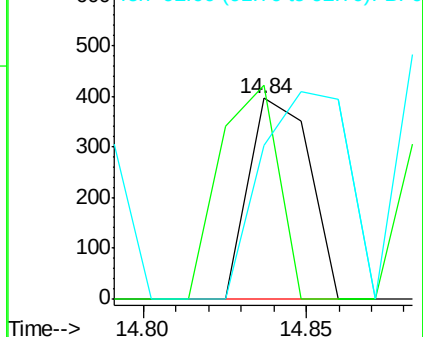
92 76.3 80.9 121.3#

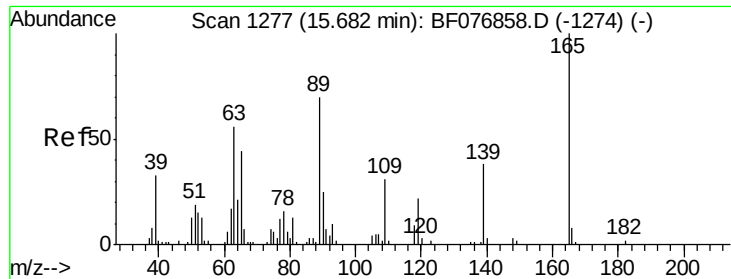


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

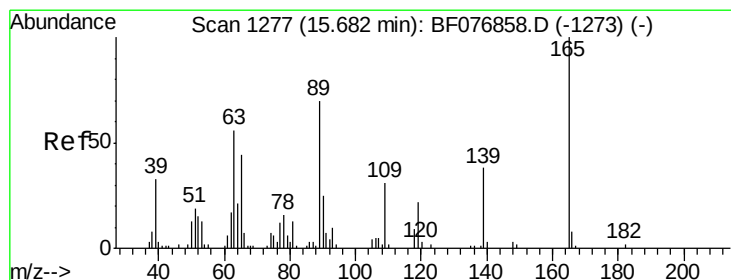
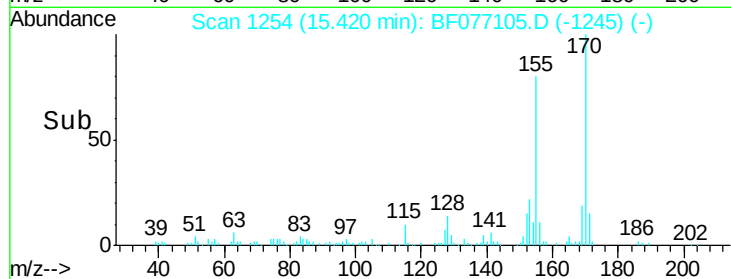
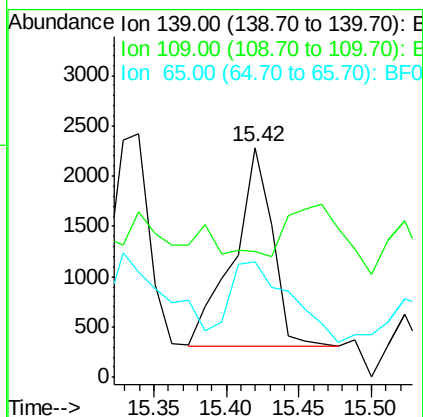
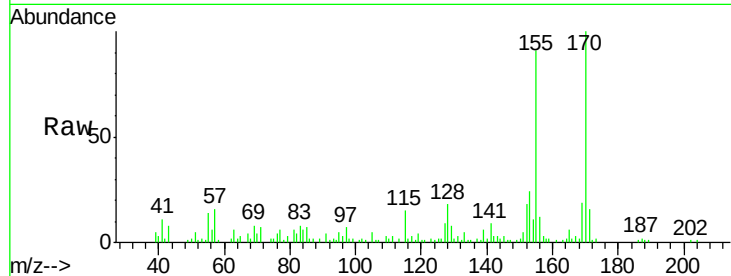




#55
4-Nitrophenol
Concen: 5.88 ng
RT: 15.42 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

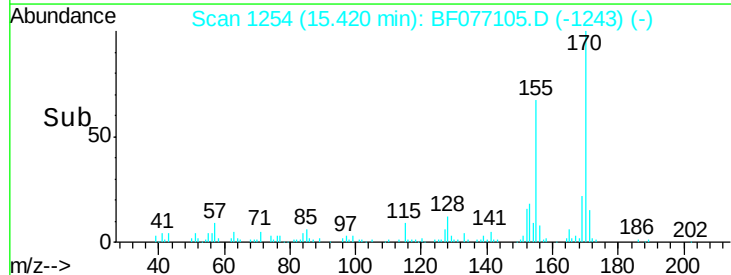
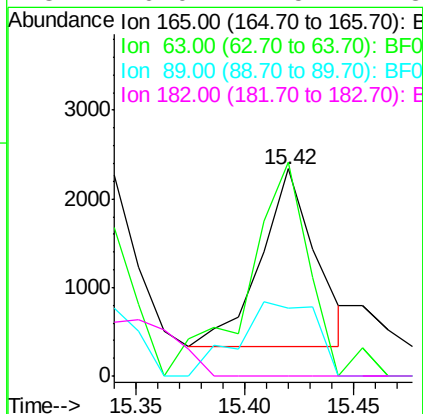
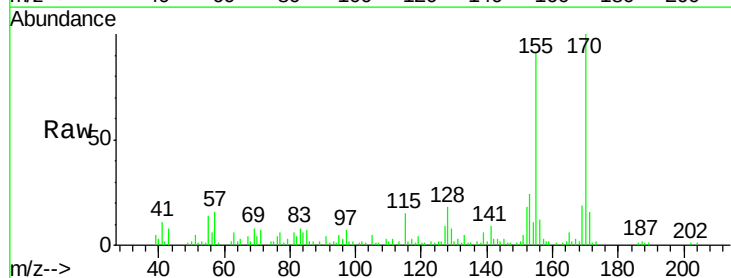
Instrument :
BNA_F
ClientSampleId :
275B3DL

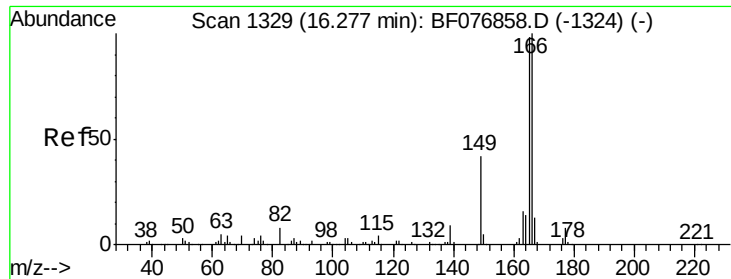
Tgt Ion:139 Resp: 3683
Ion Ratio Lower Upper
139 100
109 55.0 61.0 101.0#
65 50.3 96.6 136.6#



#56
2,4-Dinitrotoluene
Concen: 4.96 ng
RT: 15.42 min Scan# 1254
Delta R.T. 0.02 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:165 Resp: 3563
Ion Ratio Lower Upper
165 100
63 103.1 44.8 67.2#
89 32.5 56.2 84.2#
182 0.0 1.5 2.3#

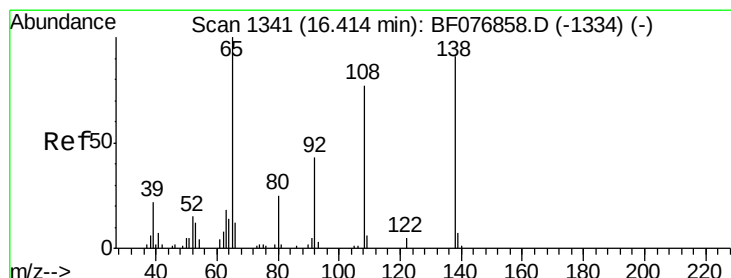
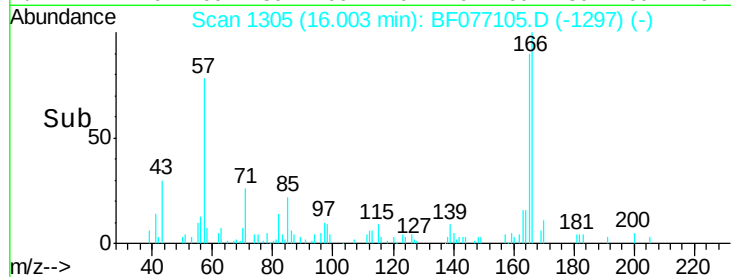
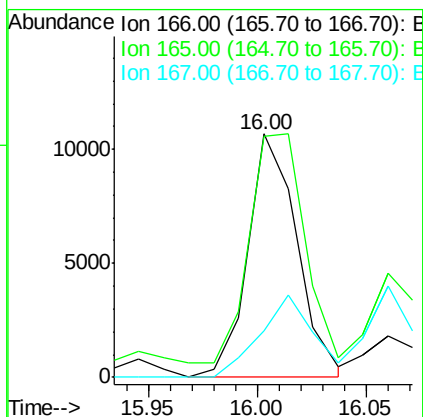
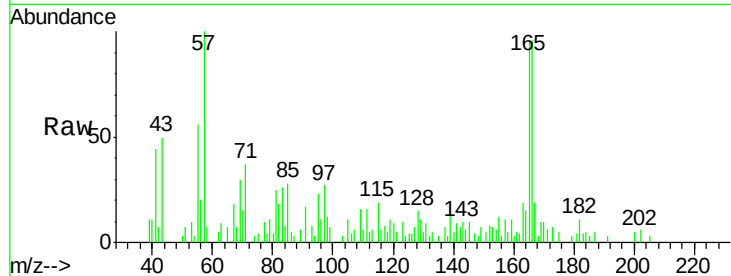




#57
Fluorene
Concen: 4.16 ng
RT: 16.00 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

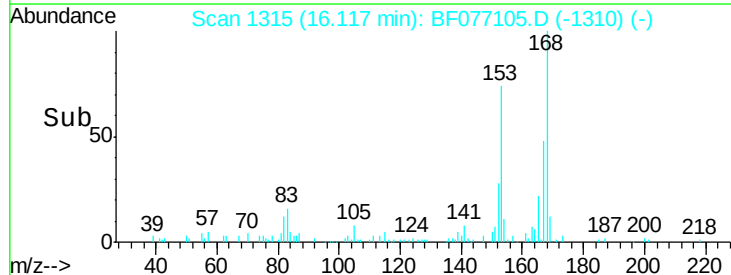
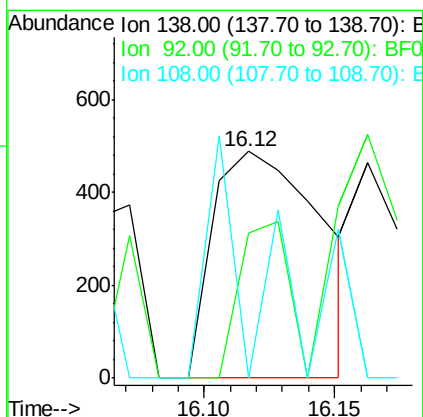
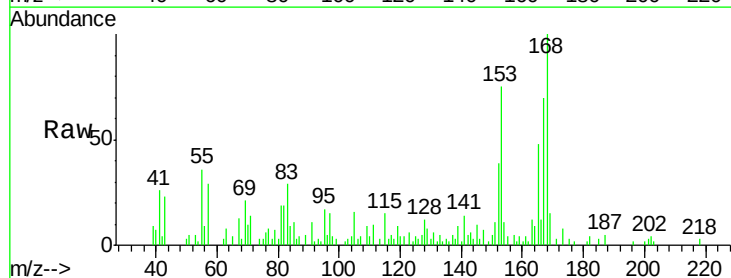
Instrument :
BNA_F
ClientSampleId :
275B3DL

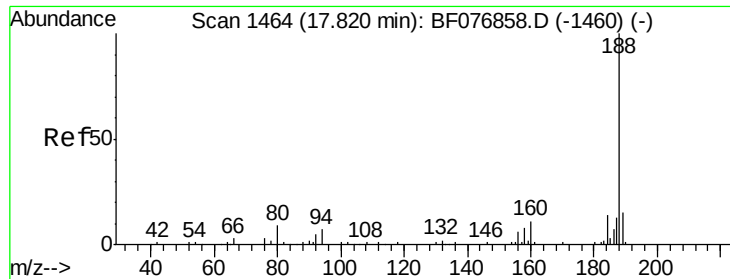
Tgt Ion:166 Resp: 16866
Ion Ratio Lower Upper
166 100
165 99.3 78.5 117.7
167 19.4 10.4 15.6#



#61
4-Nitroaniline
Concen: 2.78 ng
RT: 16.12 min Scan# 1315
Delta R.T. -0.05 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:138 Resp: 1402
Ion Ratio Lower Upper
138 100
92 63.9 26.7 66.7
108 0.0 64.5 104.5#

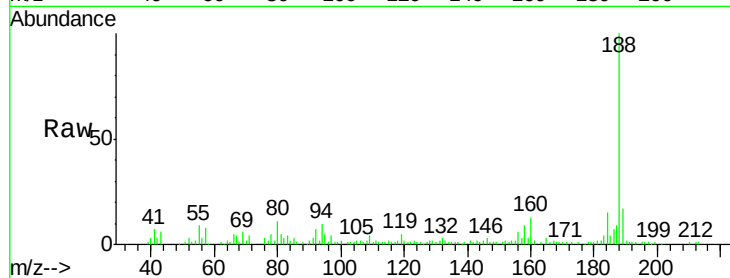




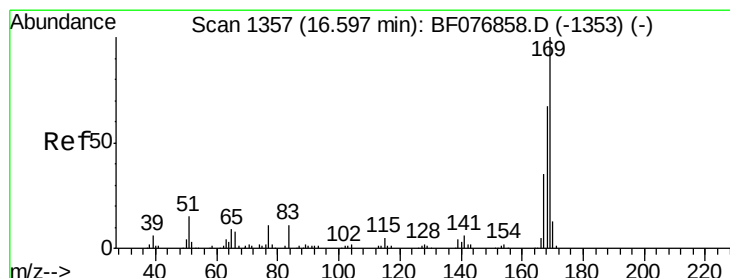
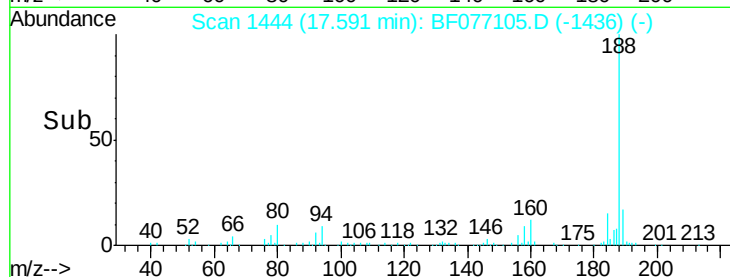
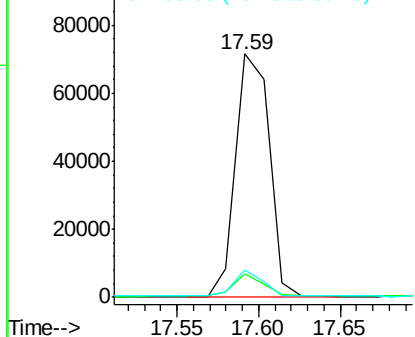
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Instrument :
BNA_F
ClientSampleId :
275B3DL

Tgt Ion:188 Resp: 102377
Ion Ratio Lower Upper
188 100
94 9.6 6.0 9.0#
80 11.0 6.9 10.3#

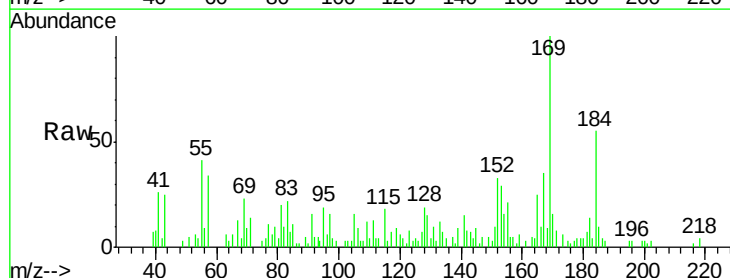


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

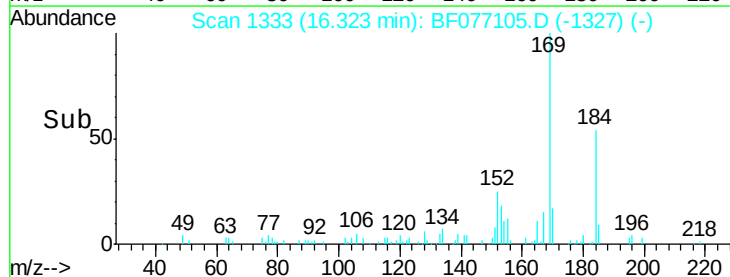
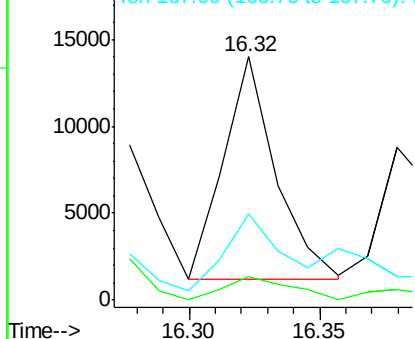


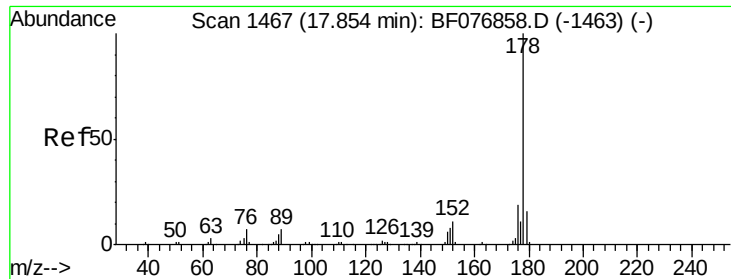
#65
n-Nitrosodiphenylamine
Concen: 4.91 ng
RT: 16.32 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF077105.D
Acq: 28 Jan 2015 16:55

Tgt Ion:169 Resp: 17938
Ion Ratio Lower Upper
169 100
168 9.5 53.8 80.6#
167 35.2 27.8 41.6



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





#70

Phenanthrene

Concen: 8.47 ng

RT: 17.63 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF077105.D

Acq: 28 Jan 2015 16:55

Instrument :

BNA_F

ClientSampleId :

275B3DL

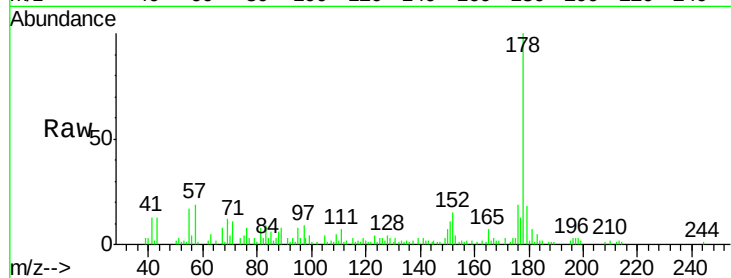
Tgt Ion:178 Resp: 54076

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

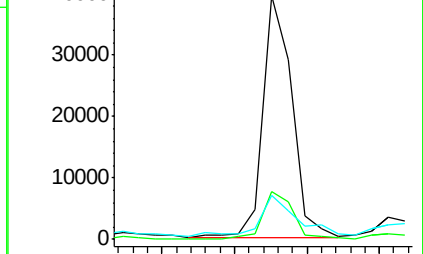
179 17.9 12.7 19.1



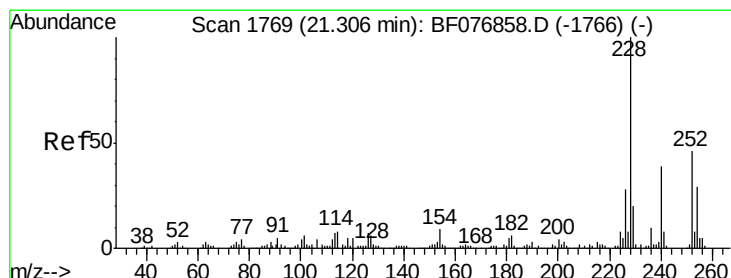
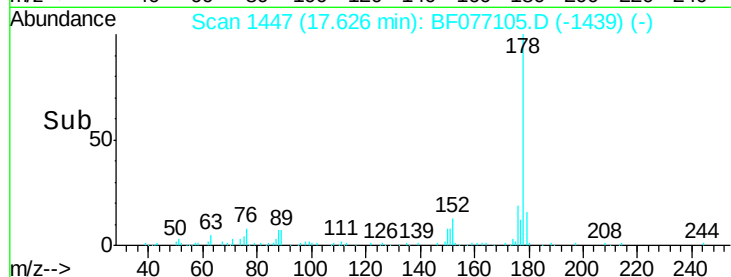
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF077105.D

Acq: 28 Jan 2015 16:55

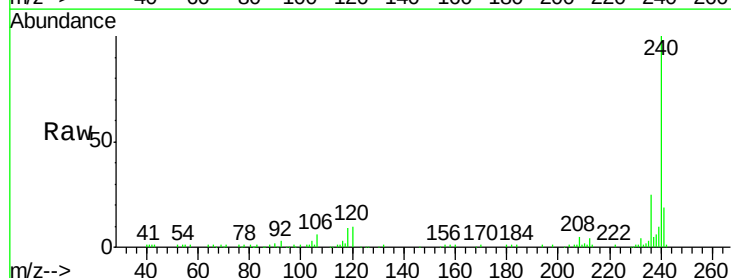
Tgt Ion:240 Resp: 96599

Ion Ratio Lower Upper

240 100

120 10.1 10.4 15.6#

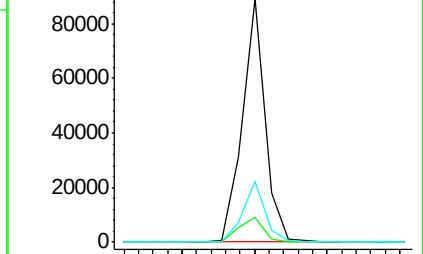
236 25.0 20.2 30.2



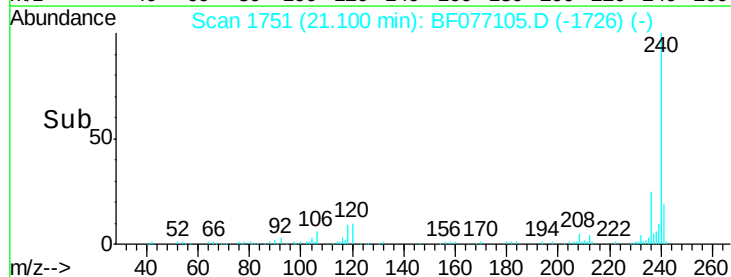
Abundance Ion 240.00 (239.70 to 240.70): E

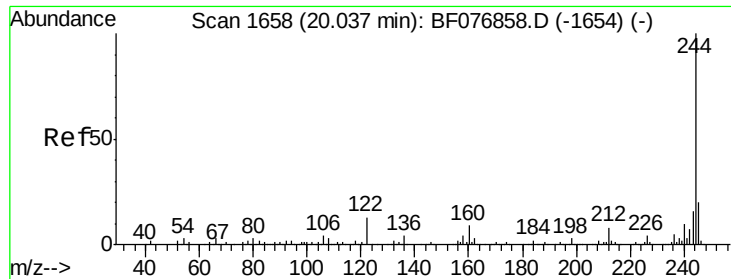
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

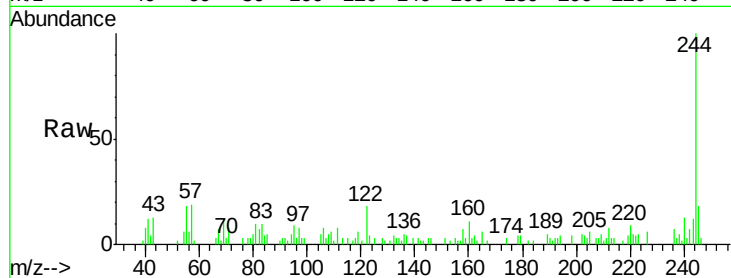




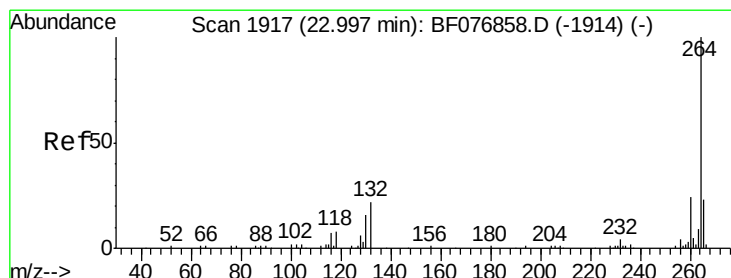
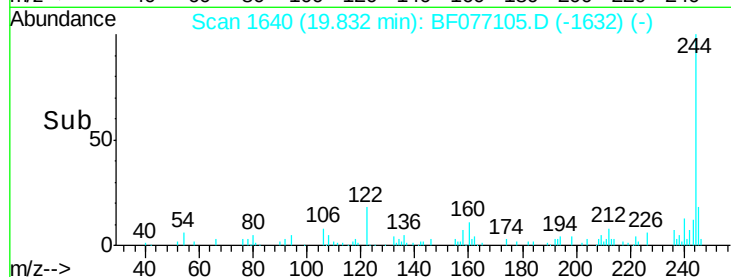
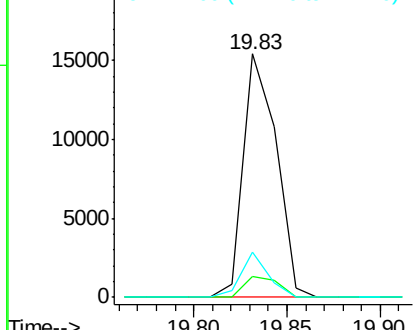
#78
 Terphenyl-d14
 Concen: 4.52 ng
 RT: 19.83 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF077105.D
 Acq: 28 Jan 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 275B3DL

Tgt Ion:244 Resp: 18949
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 18.3 10.1 15.1#

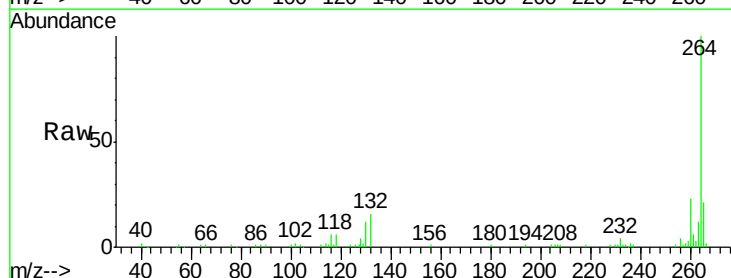


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.76 min Scan# 1896
 Delta R.T. -0.06 min
 Lab File: BF077105.D
 Acq: 28 Jan 2015 16:55

Tgt Ion:264 Resp: 91936
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 20.9 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

