

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077106.D
 Acq On : 28 Jan 2015 17:30
 Operator : TP/IZ
 Sample : G1138-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275B1B

Quant Time: Jan 28 18:12:56 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

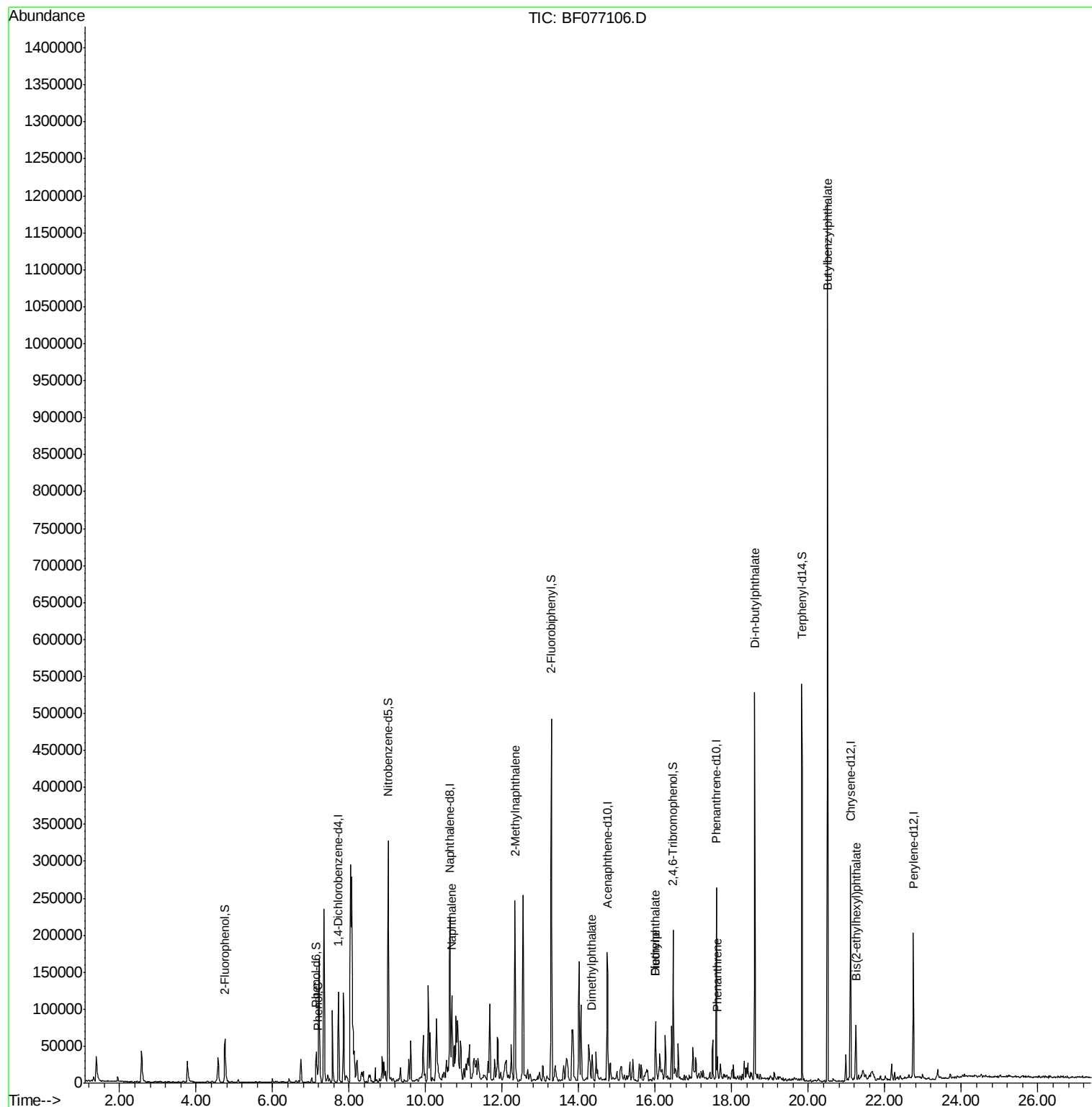
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	33801	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	136793	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	65455	20.00	ng	-0.01
63) Phenanthrene-d10	17.59	188	118294	20.00	ng	-0.01
75) Chrysene-d12	21.10	240	111891	20.00	ng	-0.01
86) Perylene-d12	22.75	264	86632	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.76	112	36798	17.90	ng	0.01
7) Phenol-d6	7.14	99	27901	10.76	ng	0.00
23) Nitrobenzene-d5	9.02	82	126307	51.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.47	330	27254	51.30	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	242711	56.43	ng	-0.01
78) Terphenyl-d14	19.83	244	241337	49.66	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.18	94	6227	2.26	ng	85
31) Naphthalene	10.68	128	50513	7.17	ng	96
37) 2-Methylnaphthalene	12.33	142	118019	24.54	ng	96
49) Dimethylphthalate	14.35	163	24134	5.20	ng	98
57) Fluorene	16.00	166	11397	2.42	ng	# 94
59) Diethylphthalate	16.00	149	31482	6.71	ng	96
70) Phenanthrene	17.63	178	16222	2.20	ng	97
73) Di-n-butylphthalate	18.60	149	302654	37.47	ng	98
79) Butylbenzylphthalate	20.51	149	326440	94.00	ng	91
83) Bis(2-ethylhexyl)phthalate	21.25	149	46698	9.72	ng	99

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

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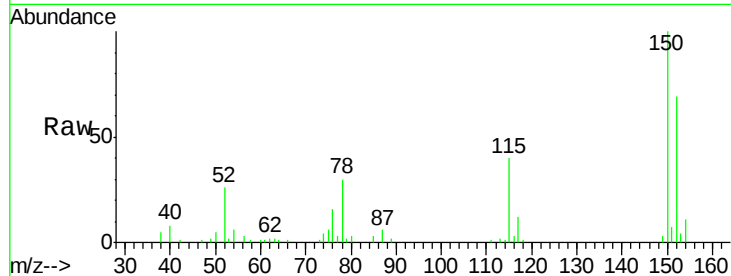




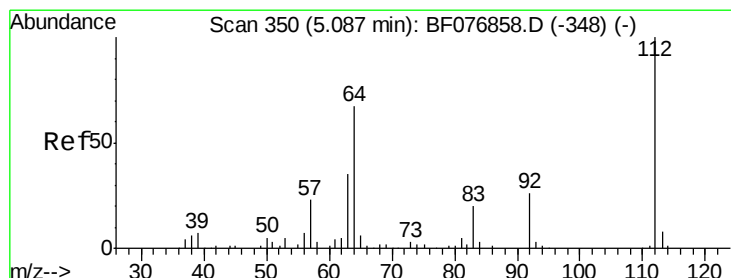
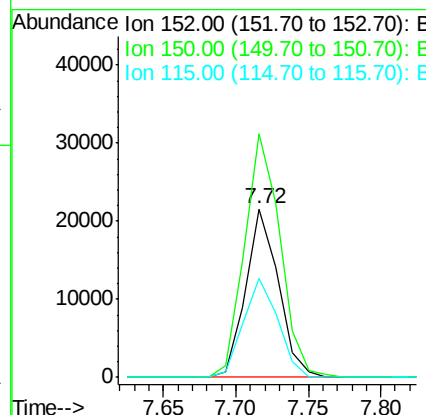
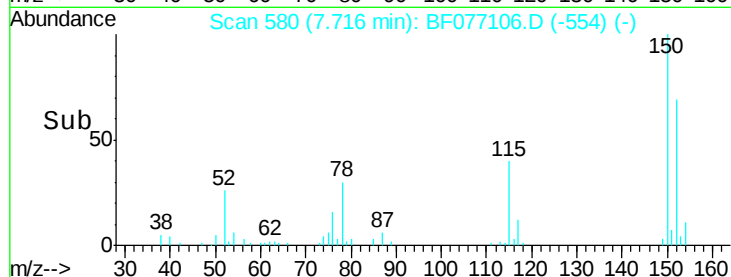
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 275B1B

Tgt Ion:152 Resp: 33801
 Ion Ratio Lower Upper
 152 100
 150 144.7 121.7 182.5
 115 58.6 47.0 70.6

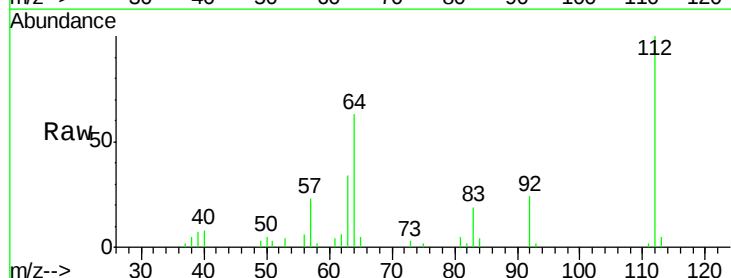


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

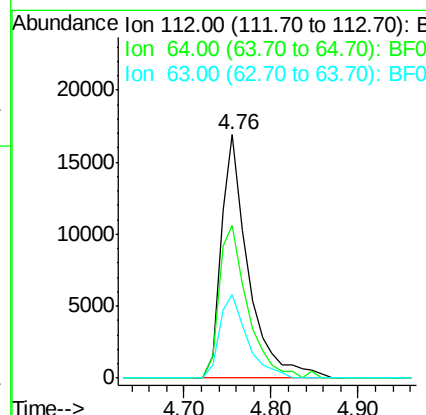
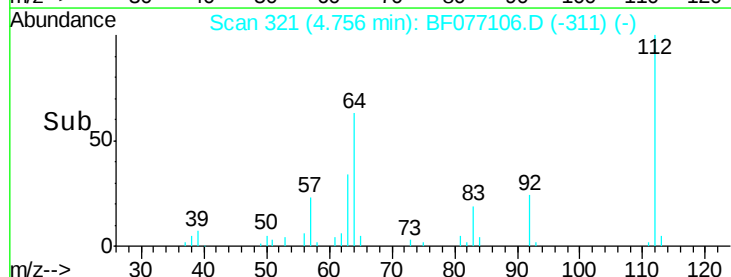


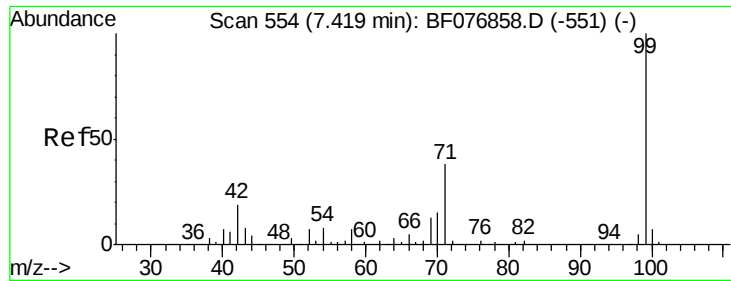
#5
 2-Fluorophenol
 Concen: 17.90 ng
 RT: 4.76 min Scan# 321
 Delta R.T. 0.01 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Tgt Ion:112 Resp: 36798
 Ion Ratio Lower Upper
 112 100
 64 62.7 54.2 81.4
 63 34.5 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: 10.76 ng

RT: 7.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF077106.D

Acq: 28 Jan 2015 17:30

Instrument :

BNA_F

ClientSampleId :

275B1B

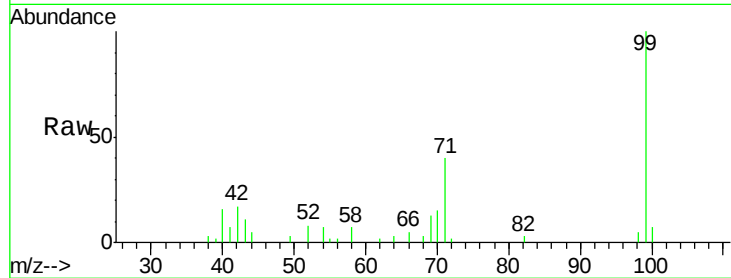
Tgt Ion: 99 Resp: 27901

Ion Ratio Lower Upper

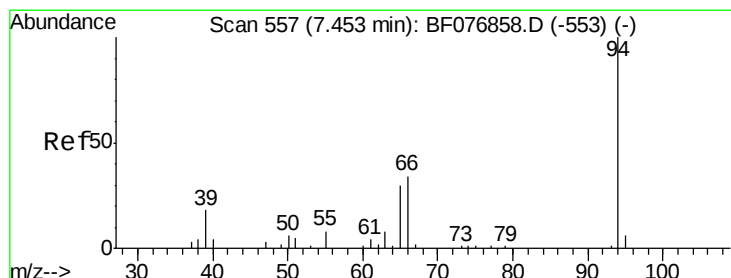
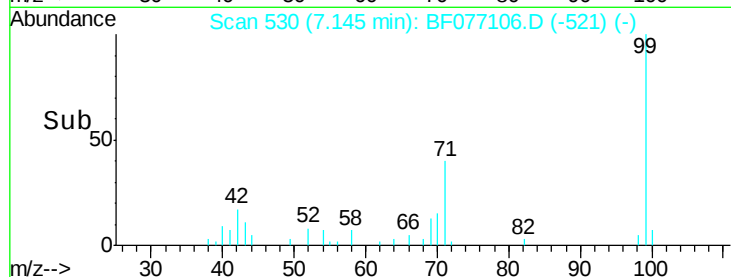
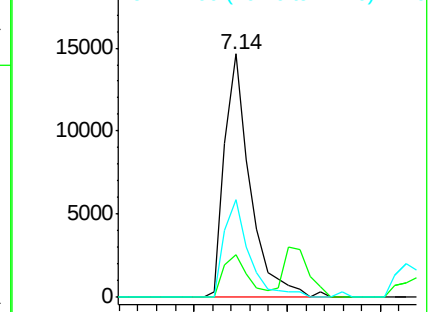
99 100

42 17.4 15.0 22.4

71 40.0 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



#10

Phenol

Concen: 2.26 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF077106.D

Acq: 28 Jan 2015 17:30

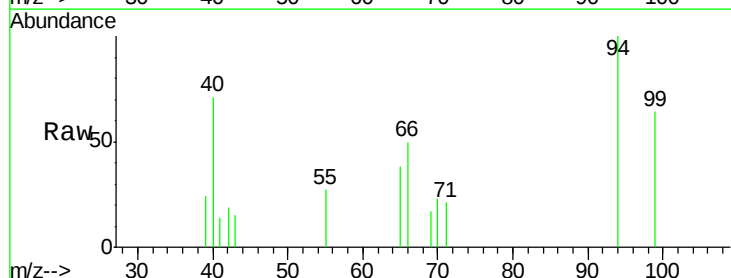
Tgt Ion: 94 Resp: 6227

Ion Ratio Lower Upper

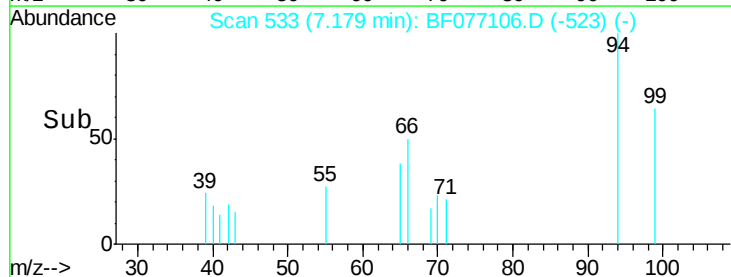
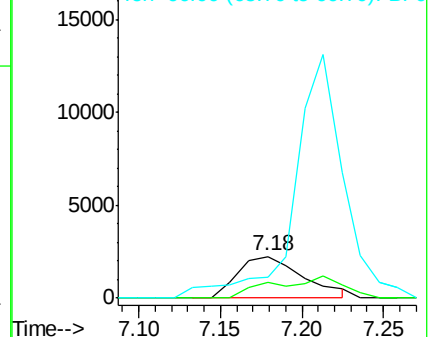
94 100

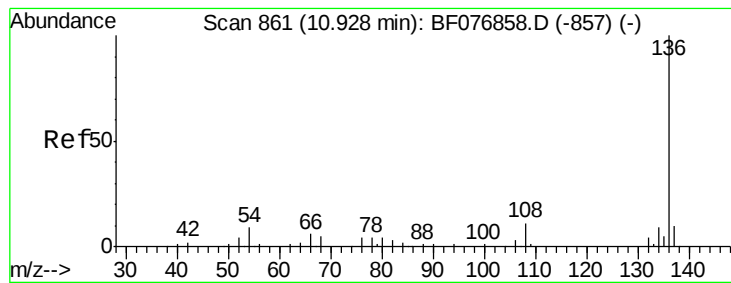
65 38.5 11.3 51.3

66 49.9 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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077106.D

Acq: 28 Jan 2015 17:30

Instrument :

BNA_F

ClientSampleId :

275B1B

Tgt Ion: 136 Resp: 136793

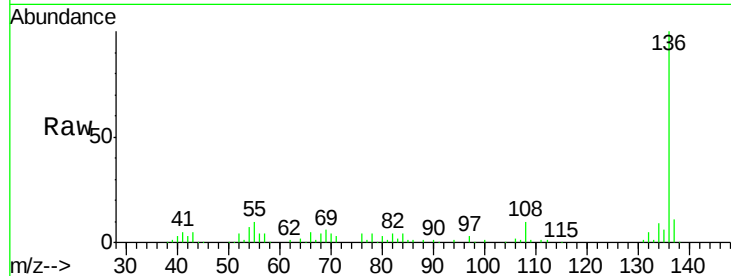
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 7.3 7.0 10.4

68 3.9 3.7 5.5

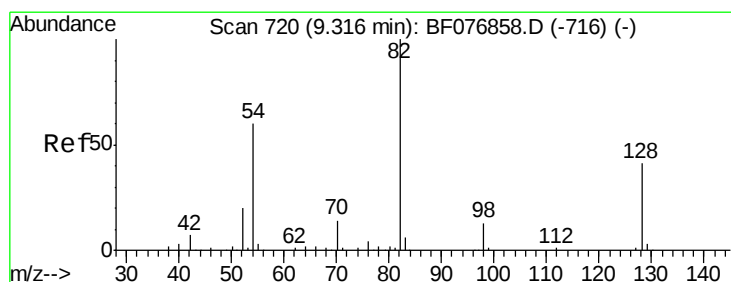
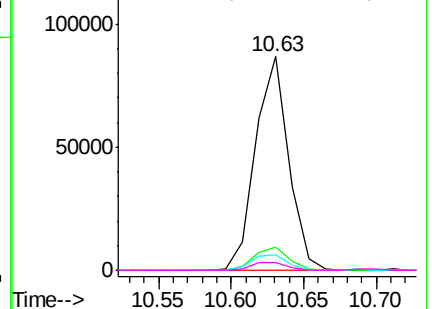
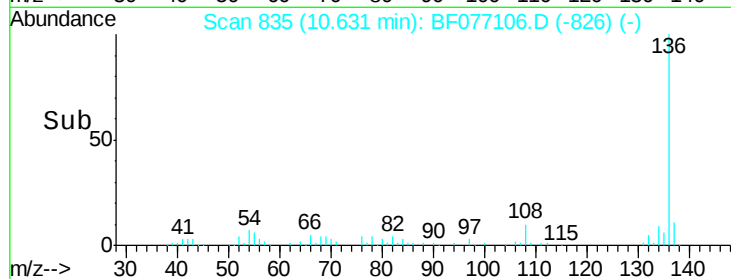


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 51.15 ng

RT: 9.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF077106.D

Acq: 28 Jan 2015 17:30

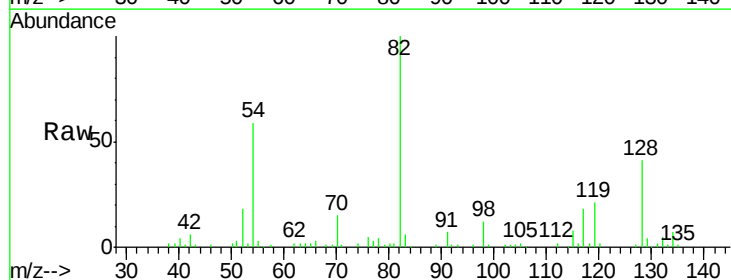
Tgt Ion: 82 Resp: 126307

Ion Ratio Lower Upper

82 100

128 40.6 33.1 49.7

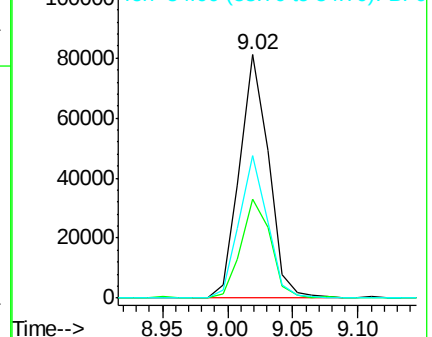
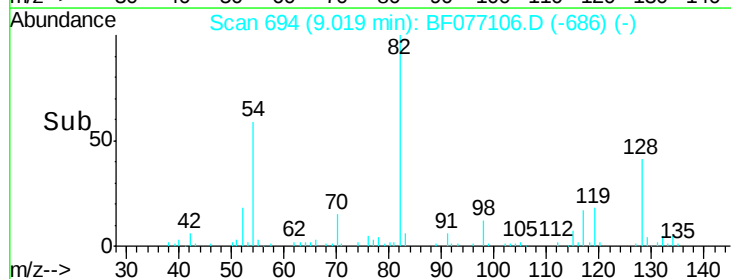
54 58.6 48.3 72.5

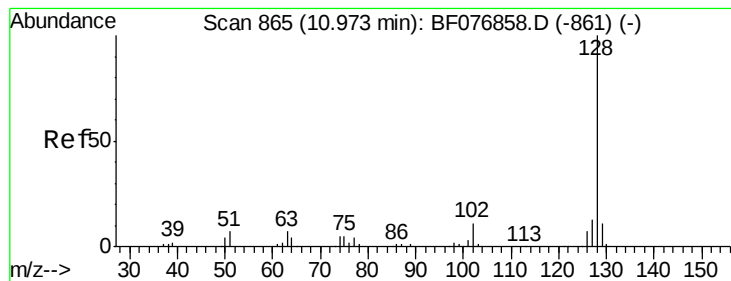


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 7.17 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077106.D

Acq: 28 Jan 2015 17:30

Instrument :

BNA_F

ClientSampleId :

275B1B

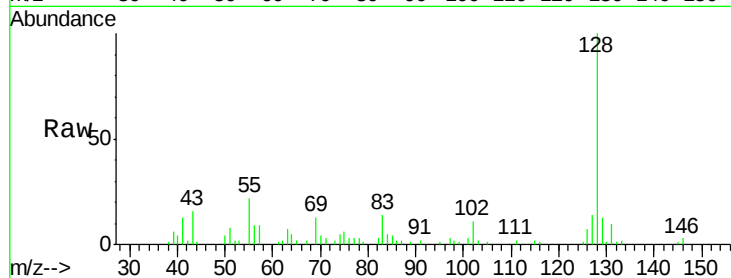
Tgt Ion:128 Resp: 50513

Ion Ratio Lower Upper

128 100

129 13.2 9.0 13.6

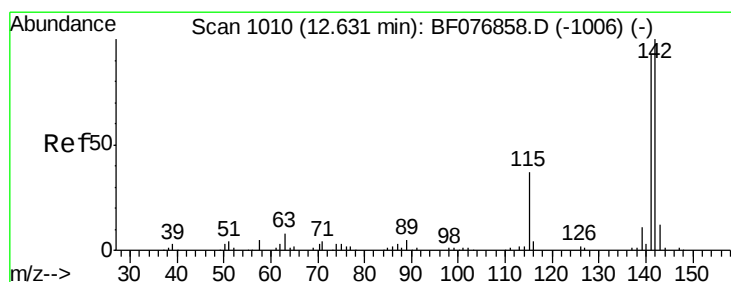
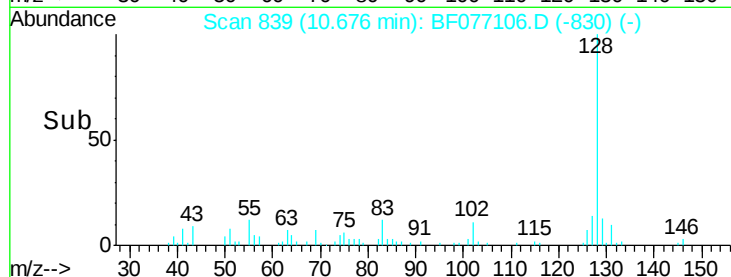
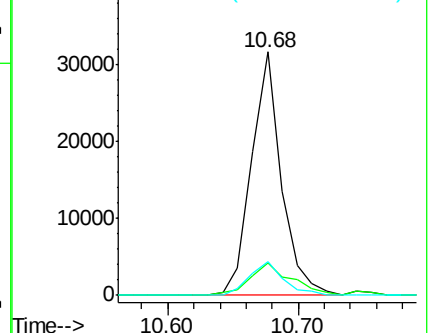
127 13.7 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 24.54 ng

RT: 12.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF077106.D

Acq: 28 Jan 2015 17:30

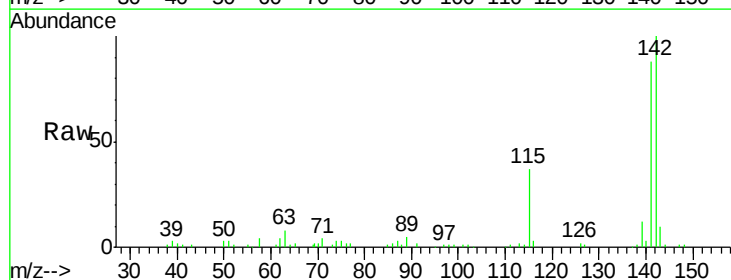
Tgt Ion:142 Resp: 118019

Ion Ratio Lower Upper

142 100

141 88.3 74.5 111.7

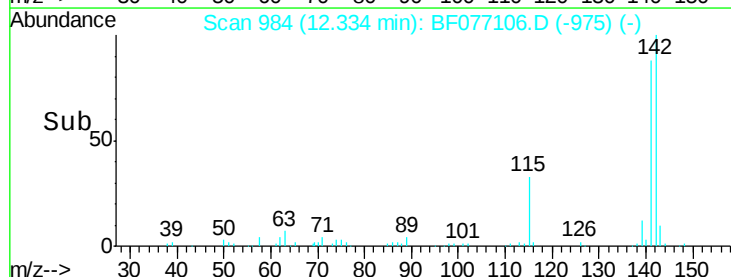
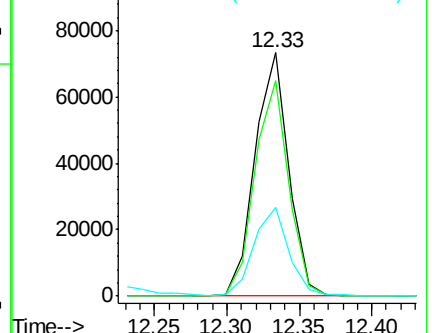
115 36.7 29.7 44.5

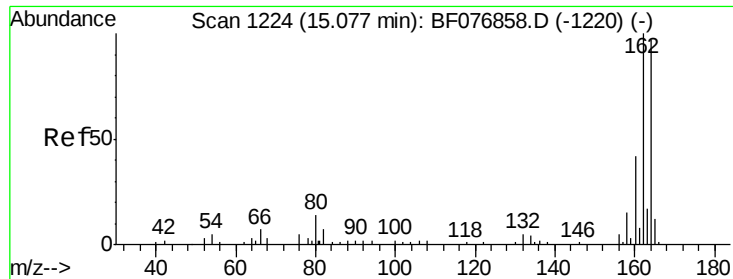


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

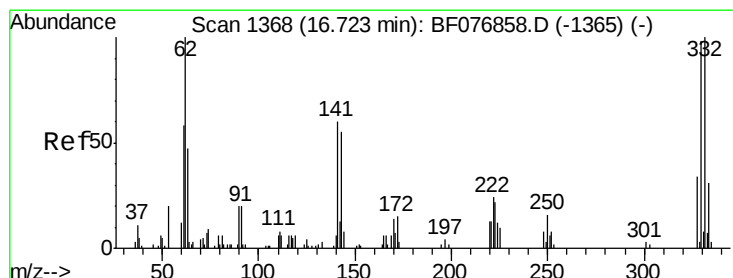
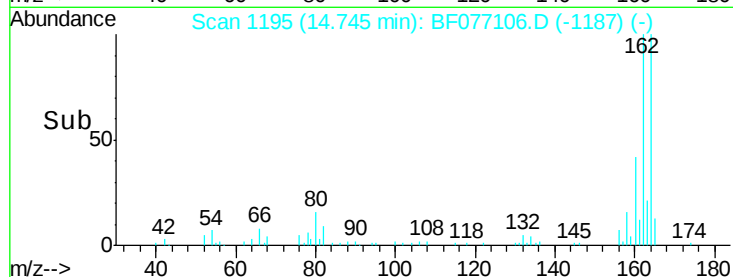
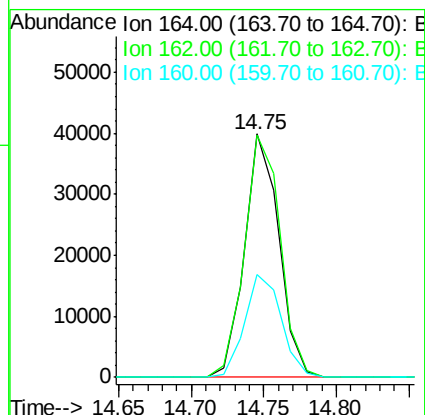
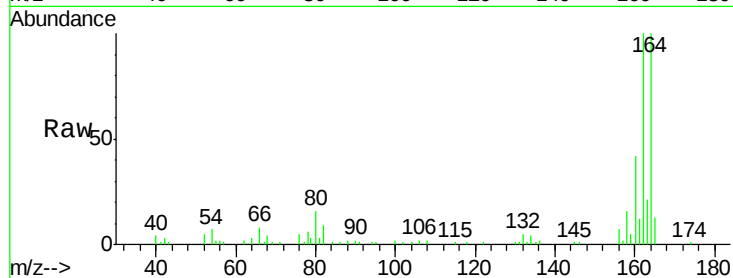




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF077106.D
Acq: 28 Jan 2015 17:30

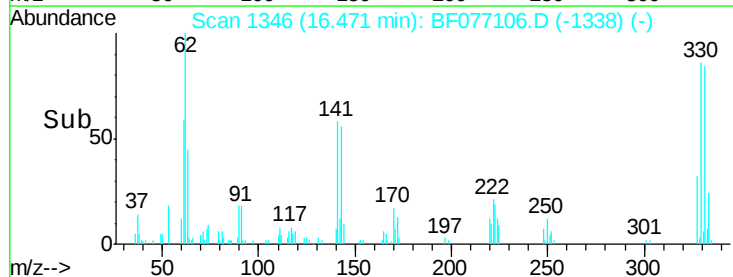
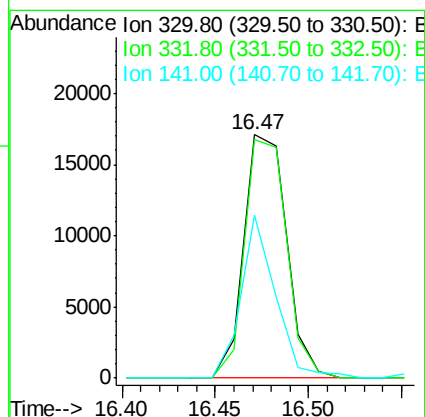
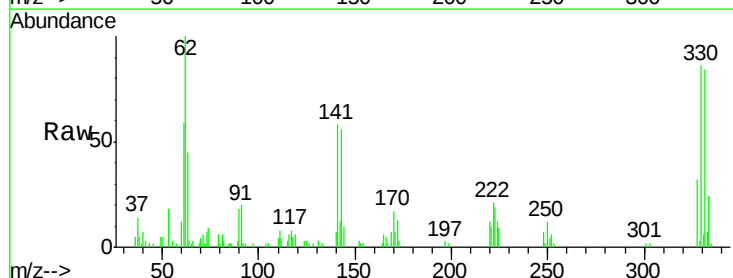
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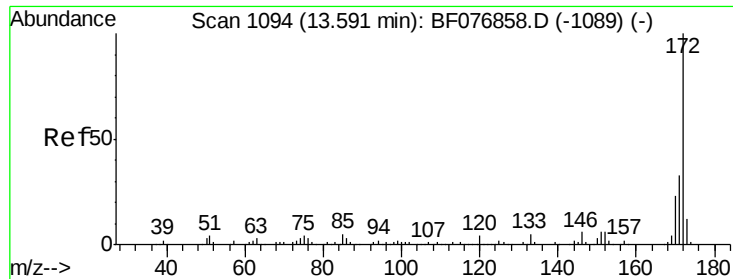
Tgt Ion:164 Resp: 65455
Ion Ratio Lower Upper
164 100
162 99.7 82.4 123.6
160 42.4 34.8 52.2



#41
2,4,6-Tribromophenol
Concen: 51.30 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF077106.D
Acq: 28 Jan 2015 17:30

Tgt Ion:330 Resp: 27254
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 54.1 38.5 57.7

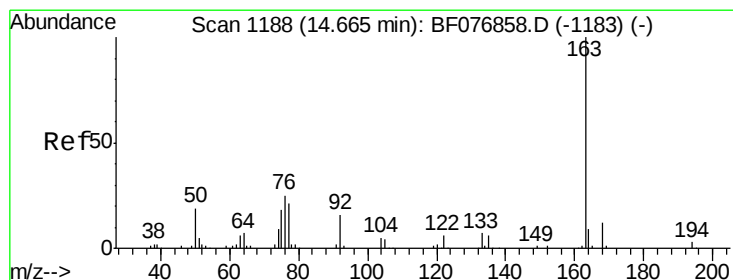
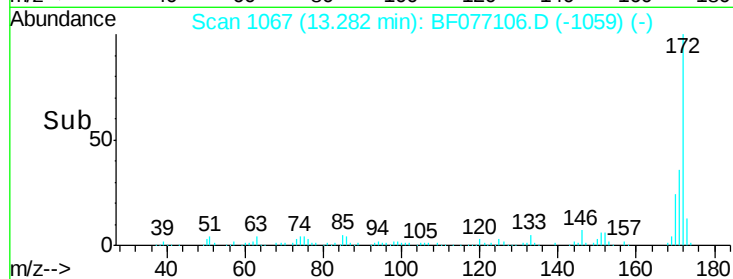
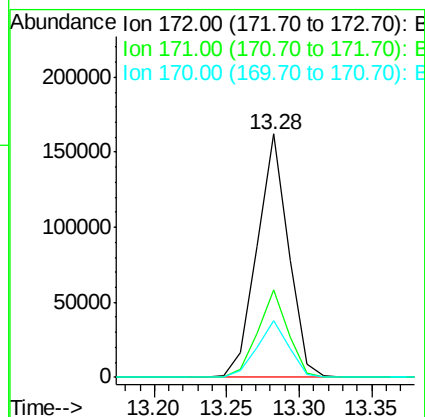
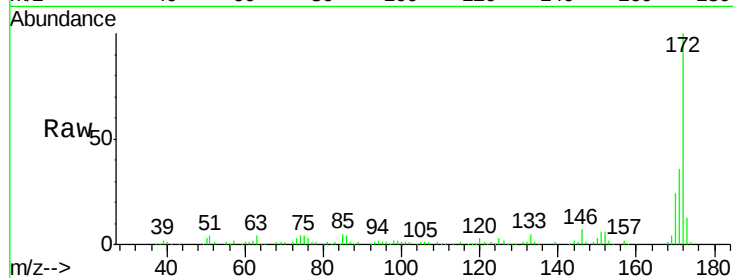




#44
2-Fluorobiphenyl
Concen: 56.43 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF077106.D
Acq: 28 Jan 2015 17:30

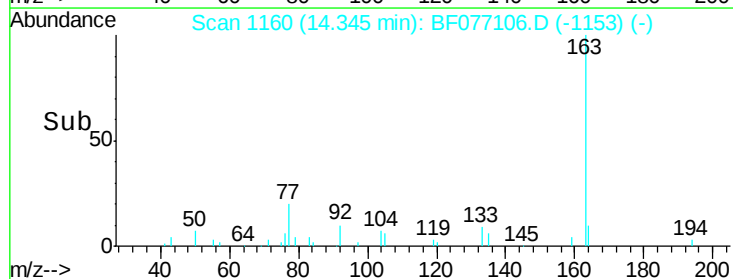
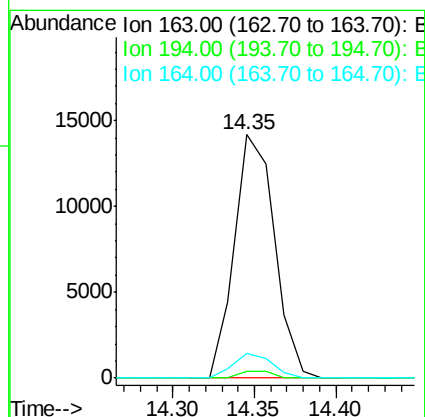
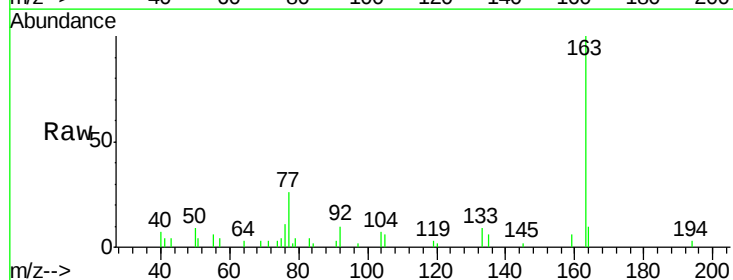
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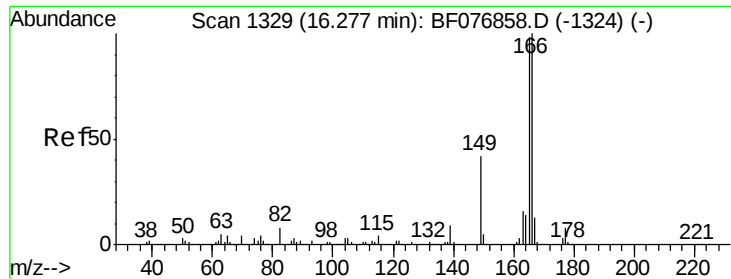
Tgt Ion:172 Resp: 242711
Ion Ratio Lower Upper
172 100
171 36.2 26.6 40.0
170 23.6 18.0 27.0



#49
Dimethylphthalate
Concen: 5.20 ng
RT: 14.35 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF077106.D
Acq: 28 Jan 2015 17:30

Tgt Ion:163 Resp: 24134
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.3 7.5 11.3

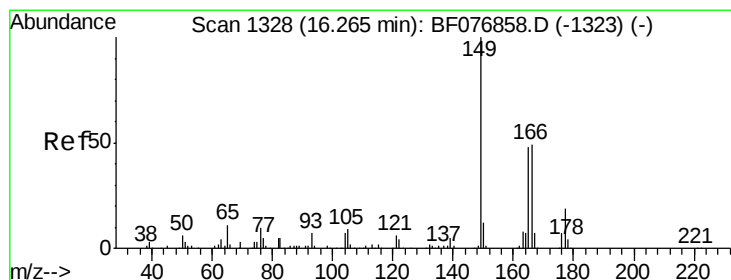
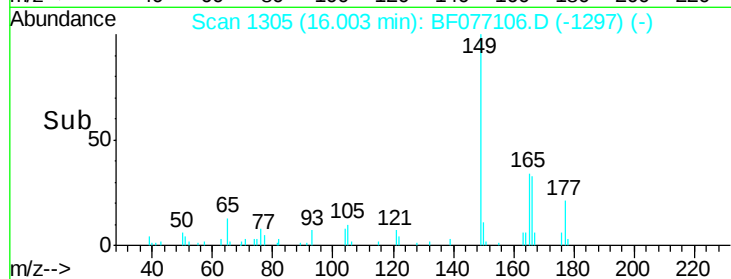
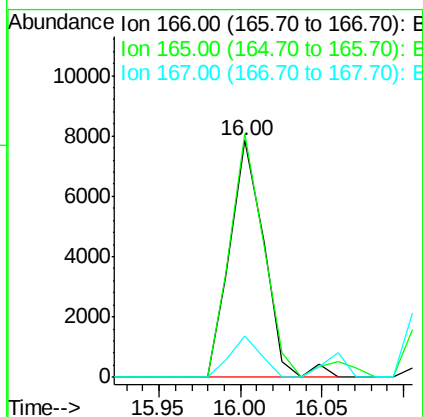
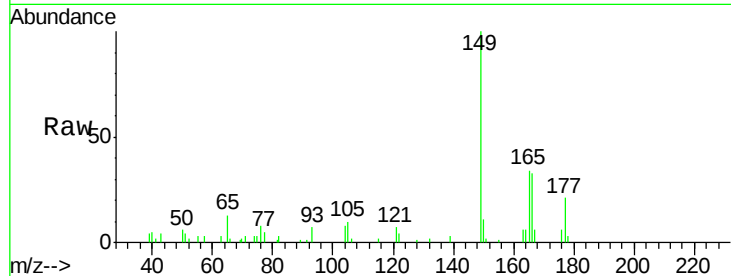




#57
Fluorene
 Concen: 2.42 ng
 RT: 16.00 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

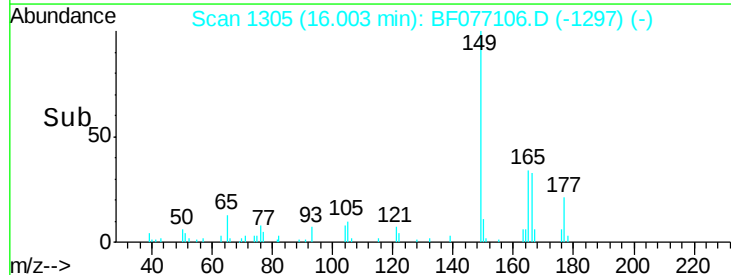
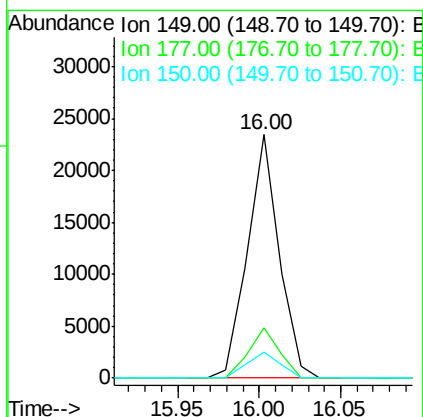
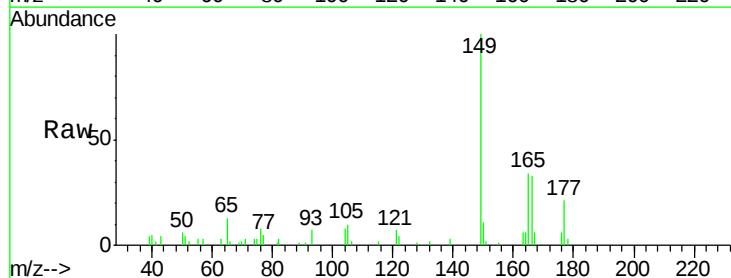
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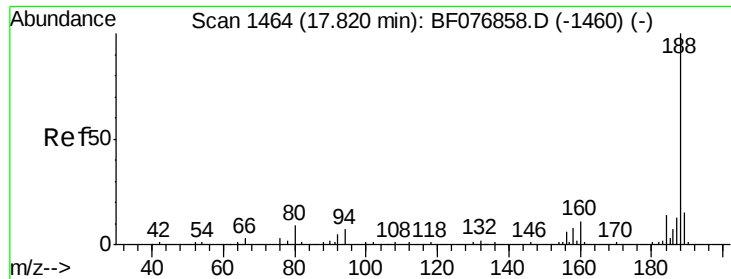
Tgt Ion:166 Resp: 11397
 Ion Ratio Lower Upper
 166 100
 165 102.8 78.5 117.7
 167 17.4 10.4 15.6#



#59
Diethylphthalate
 Concen: 6.71 ng
 RT: 16.00 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Tgt Ion:149 Resp: 31482
 Ion Ratio Lower Upper
 149 100
 177 20.7 15.0 22.6
 150 10.6 9.4 14.0

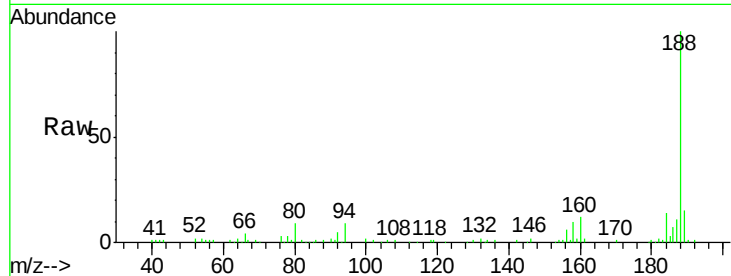




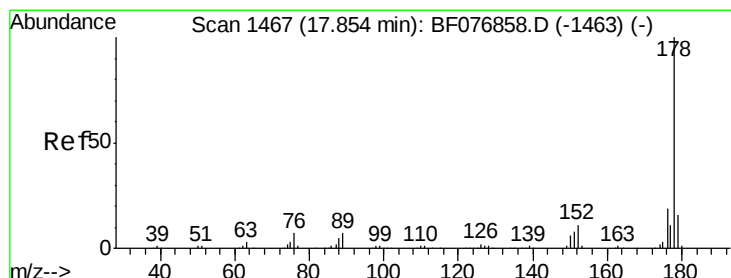
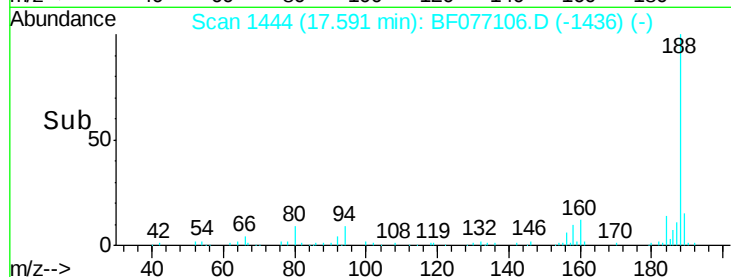
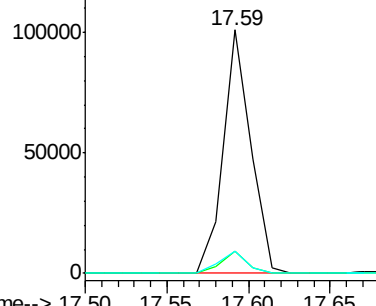
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 275B1B

Tgt Ion:188 Resp: 118294
 Ion Ratio Lower Upper
 188 100
 94 9.0 6.0 9.0
 80 9.3 6.9 10.3

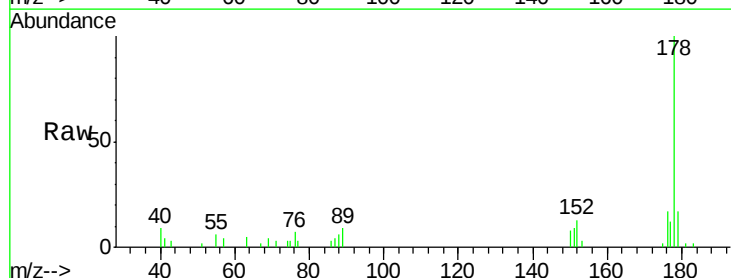


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

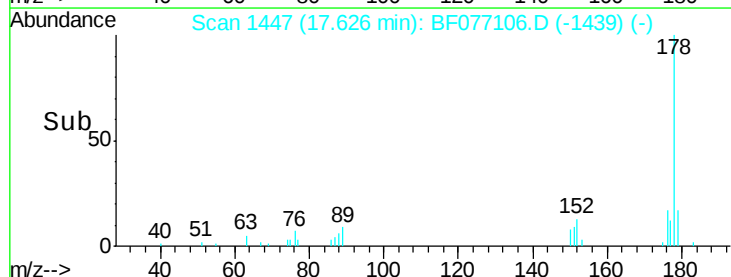
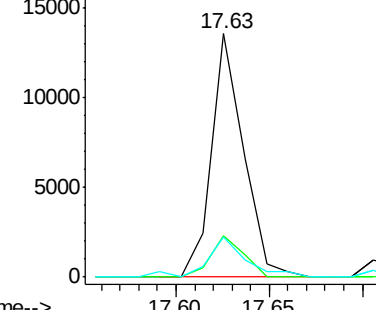


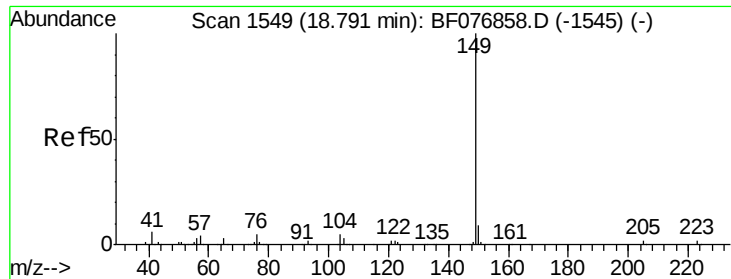
#70
 Phenanthrene
 Concen: 2.20 ng
 RT: 17.63 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Tgt Ion:178 Resp: 16222
 Ion Ratio Lower Upper
 178 100
 176 16.8 15.1 22.7
 179 16.6 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

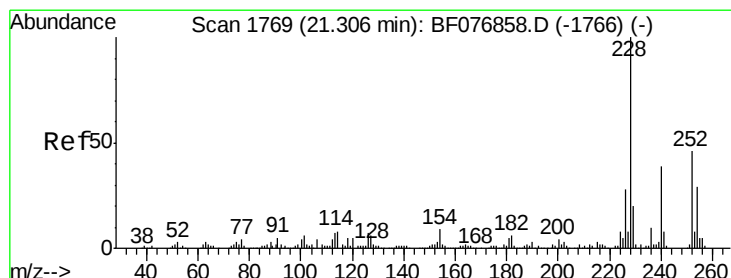
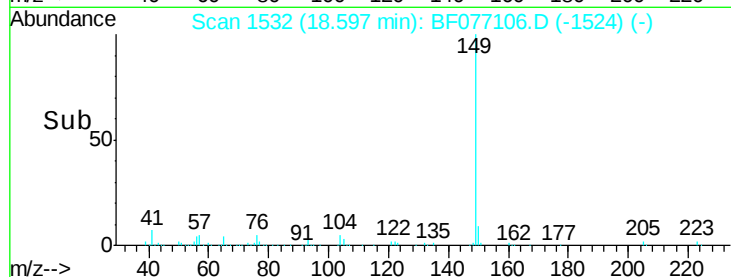
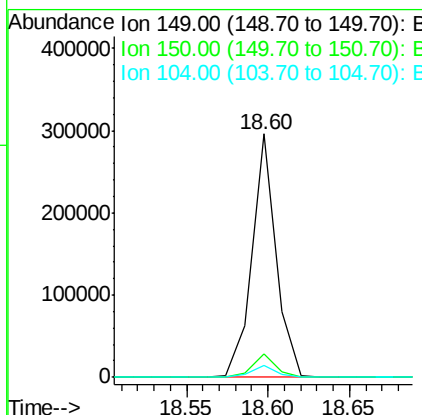
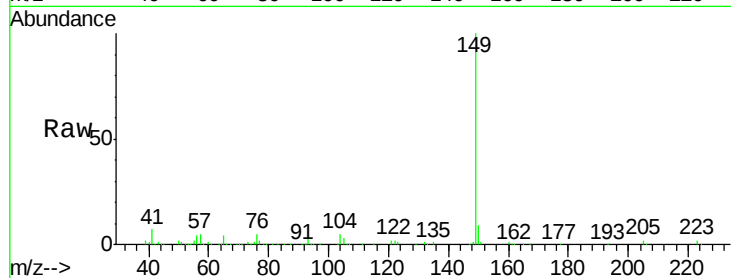




#73
Di-n-butylphthalate
Concen: 37.47 ng
RT: 18.60 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF077106.D
Acq: 28 Jan 2015 17:30

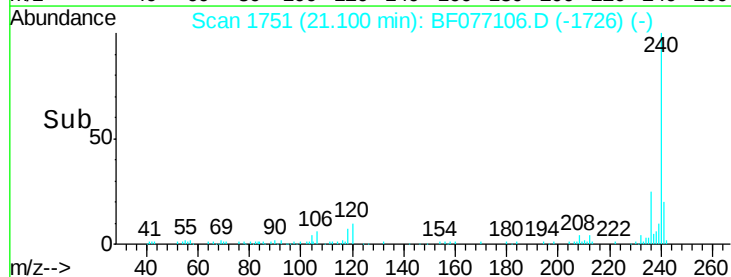
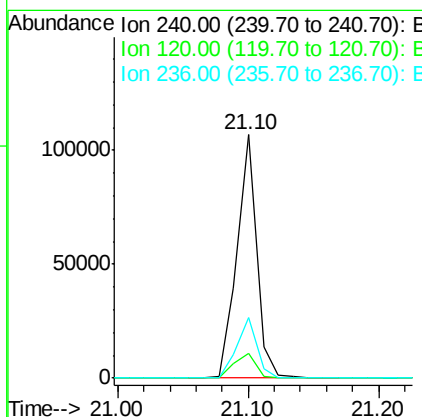
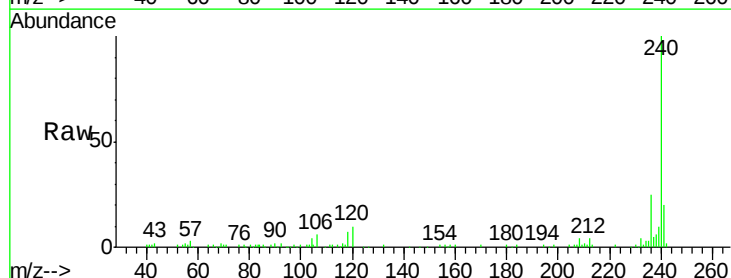
Instrument :
BNA_F
ClientSampleId :
275B1B

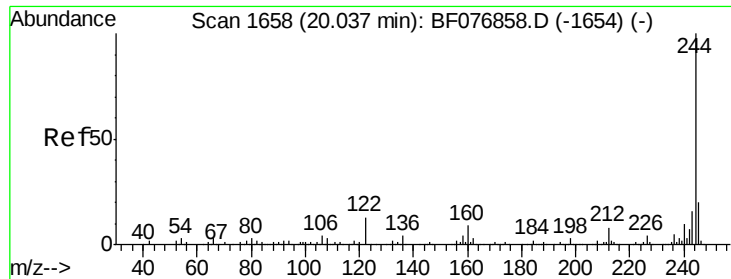
Tgt Ion:149 Resp: 302654
Ion Ratio Lower Upper
149 100
150 9.4 6.9 10.3
104 5.0 3.7 5.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.10 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF077106.D
Acq: 28 Jan 2015 17:30

Tgt Ion:240 Resp: 111891
Ion Ratio Lower Upper
240 100
120 9.9 10.4 15.6#
236 25.0 20.2 30.2

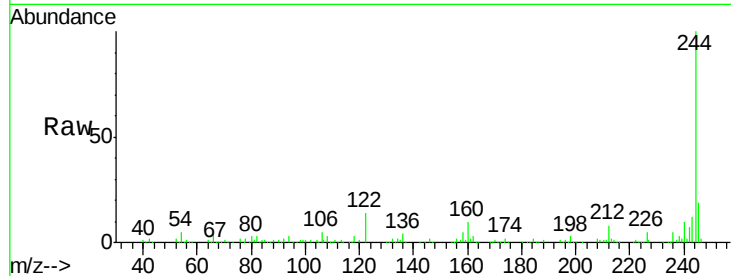




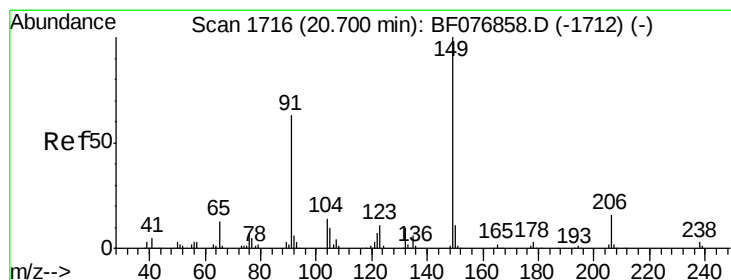
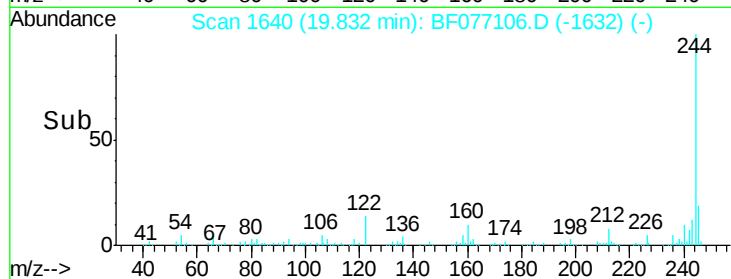
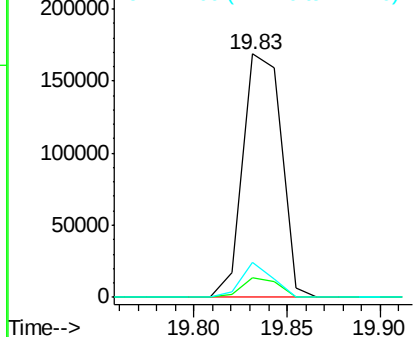
#78
 Terphenyl-d14
 Concen: 49.66 ng
 RT: 19.83 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 275B1B

Tgt Ion: 244 Resp: 241337
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 14.4 10.1 15.1

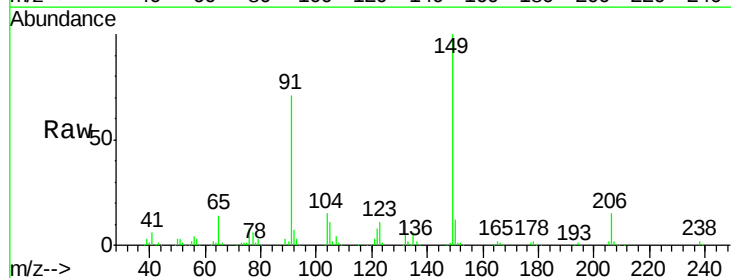


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

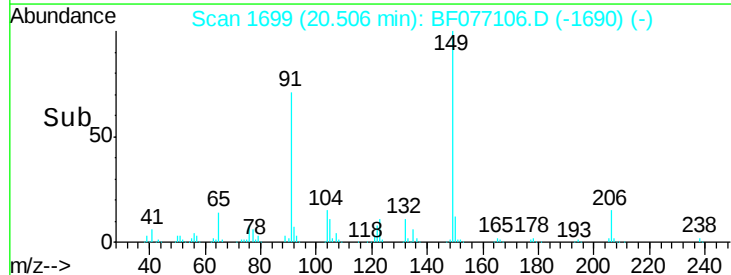
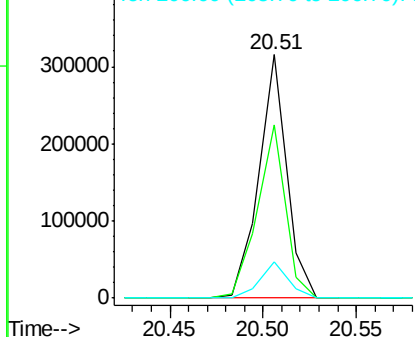


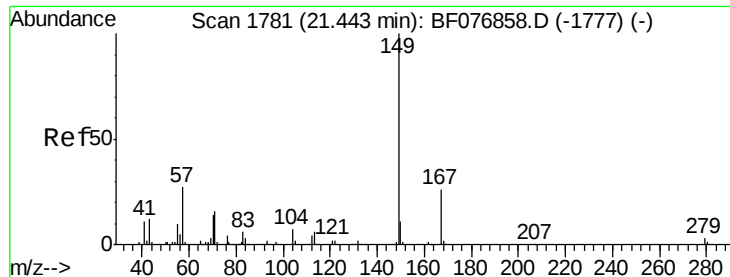
#79
 Butylbenzylphthalate
 Concen: 94.00 ng
 RT: 20.51 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Tgt Ion: 149 Resp: 326440
 Ion Ratio Lower Upper
 149 100
 91 71.2 50.6 76.0
 206 14.7 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

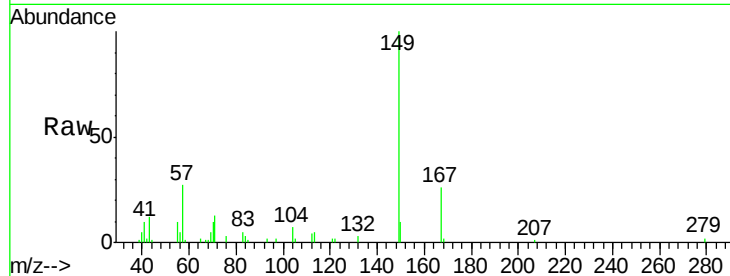




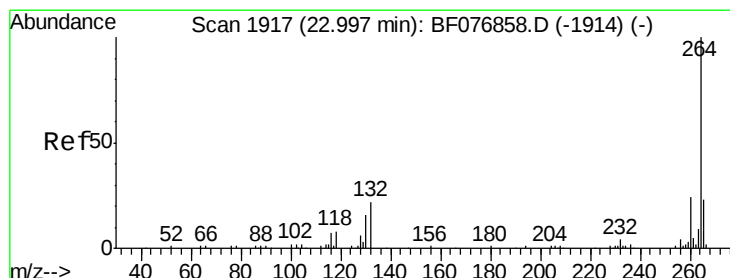
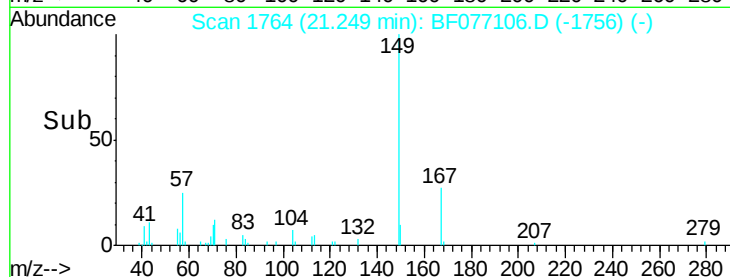
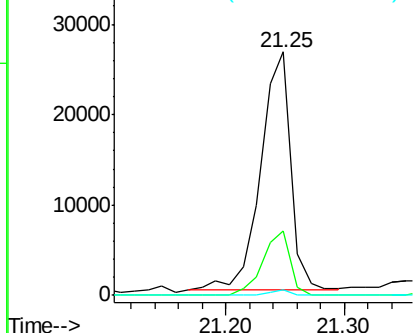
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.72 ng
 RT: 21.25 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 275B1B

Tgt Ion:149 Resp: 46698
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.6 30.8
 279 2.4 2.2 3.2

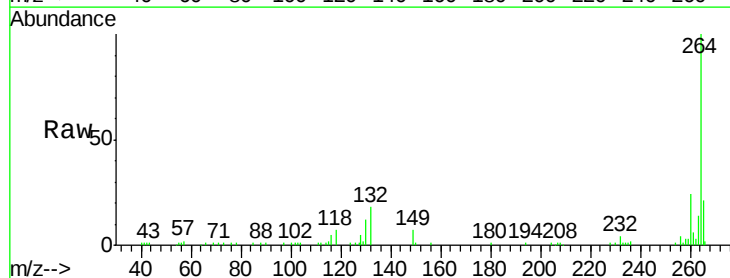


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.75 min Scan# 1895
 Delta R.T. -0.07 min
 Lab File: BF077106.D
 Acq: 28 Jan 2015 17:30

Tgt Ion:264 Resp: 86632
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.4 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

