

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077099.D
 Acq On : 28 Jan 2015 13:28
 Operator : TP/IZ
 Sample : G1138-02DL 25X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 275B1BDL

Quant Time: Jan 28 16:26:54 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

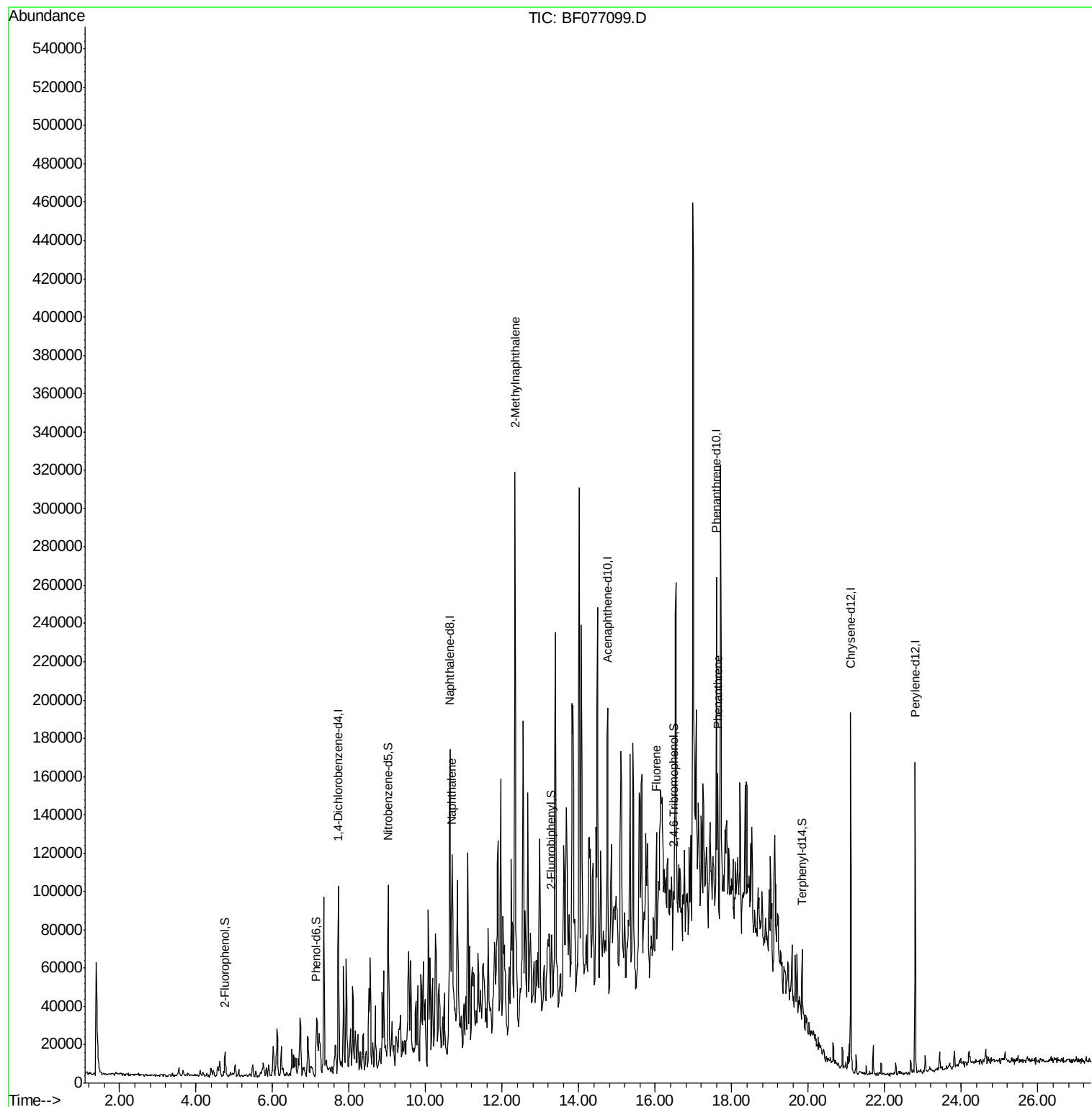
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	24719	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	99031	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	51037	20.00	ng	0.00
63) Phenanthrene-d10	17.60	188	82322	20.00	ng	0.00
75) Chrysene-d12	21.10	240	79596	20.00	ng	-0.01
86) Perylene-d12	22.79	264	74496	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.76	112	7715	5.13	ng	0.01
7) Phenol-d6	7.14	99	9964	5.25	ng	0.00
23) Nitrobenzene-d5	9.02	82	7432	4.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.48	330	2103	5.08	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	12512	3.73	ng	-0.01
78) Terphenyl-d14	19.84	244	12382	3.58	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.68	128	54959	10.78	ng	99
37) 2-Methylnaphthalene	12.33	142	125980	36.18	ng	96
57) Fluorene	16.01	166	11711	3.18	ng	# 73
70) Phenanthrene	17.64	178	36869	7.18	ng	97

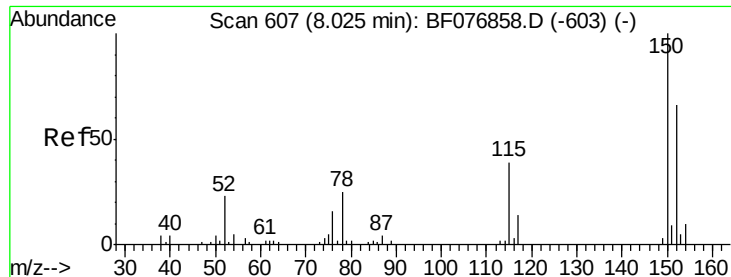
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 28 16:26:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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QLast Update : Wed Jan 28 16:07:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF077099.D

Acq: 28 Jan 2015 13:28

Instrument :

BNA_F

ClientSampleId :

275B1BDL

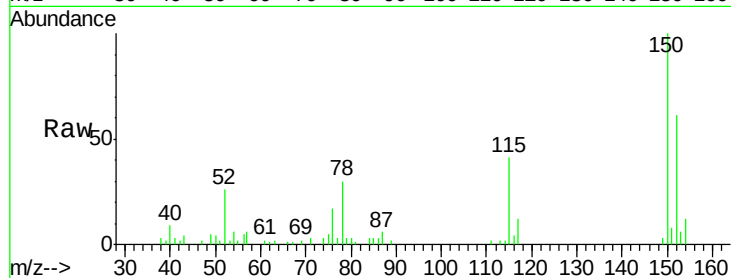
Tgt Ion:152 Resp: 24719

Ion Ratio Lower Upper

152 100

150 163.3 121.7 182.5

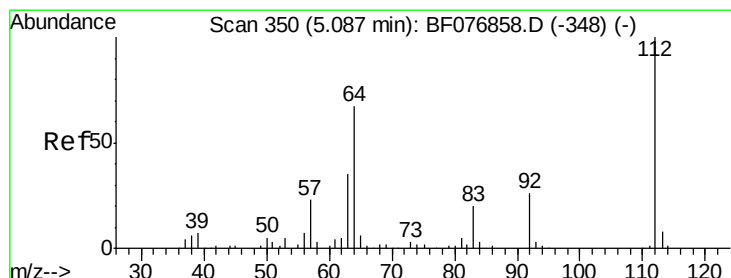
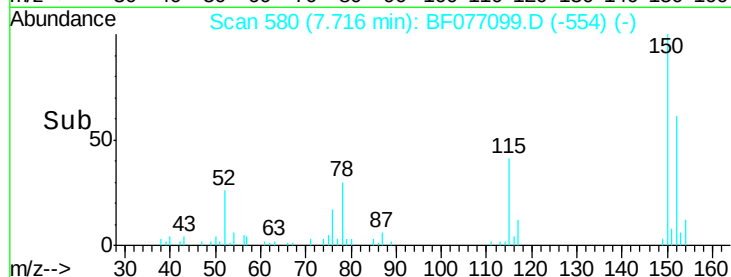
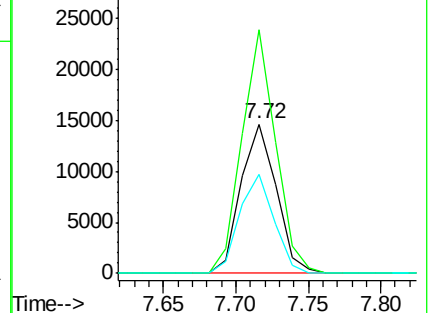
115 66.7 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 5.13 ng

RT: 4.76 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF077099.D

Acq: 28 Jan 2015 13:28

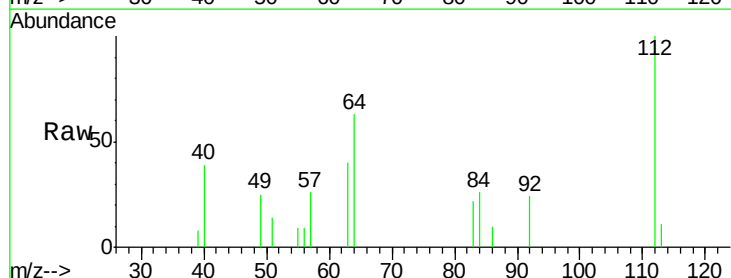
Tgt Ion:112 Resp: 7715

Ion Ratio Lower Upper

112 100

64 63.3 54.2 81.4

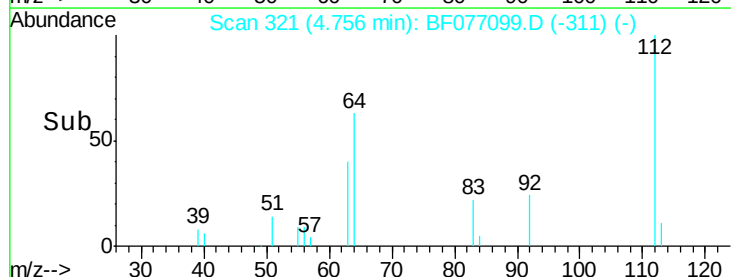
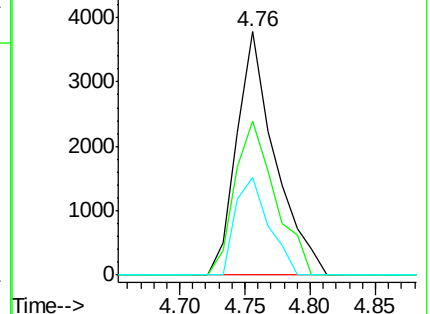
63 40.1 28.4 42.6

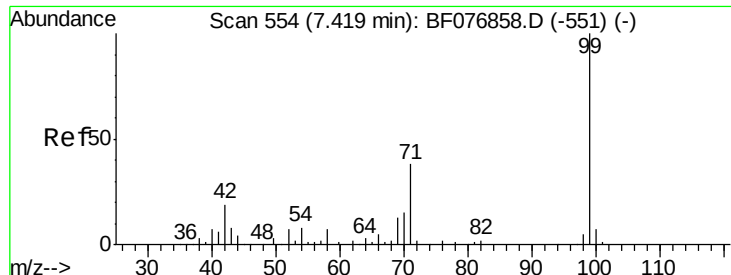


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.25 ng

RT: 7.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF077099.D

Acq: 28 Jan 2015 13:28

Instrument :

BNA_F

ClientSampleId :

275B1BDL

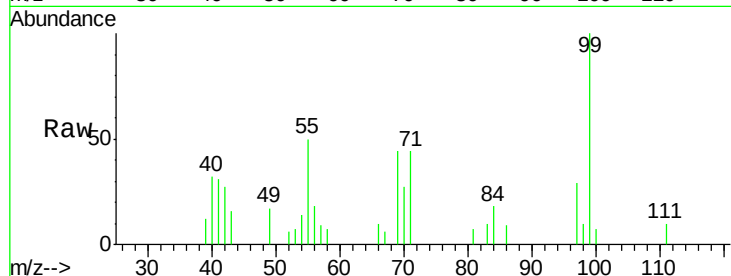
Tgt Ion: 99 Resp: 9964

Ion Ratio Lower Upper

99 100

42 26.7 15.0 22.4#

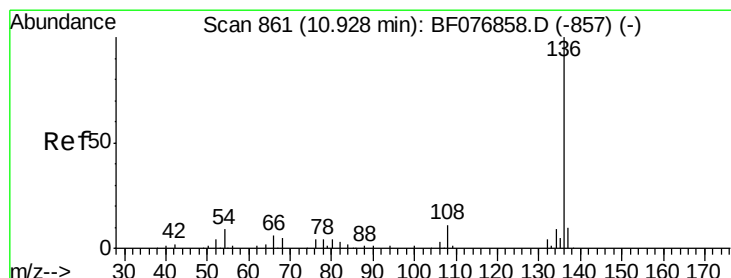
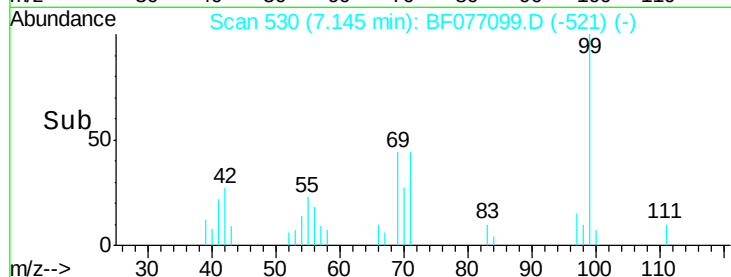
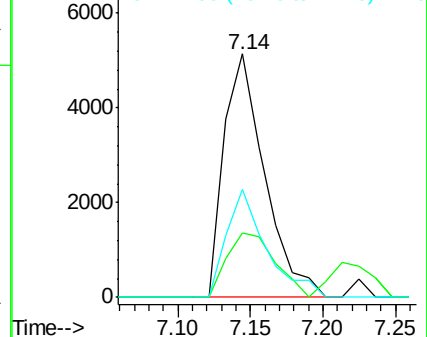
71 44.1 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077099.D

Acq: 28 Jan 2015 13:28

Tgt Ion: 136 Resp: 99031

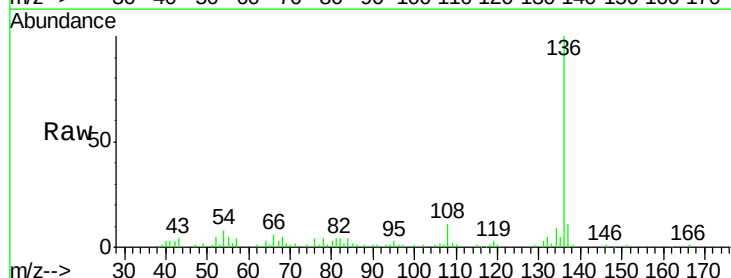
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 8.3 7.0 10.4

68 5.4 3.7 5.5

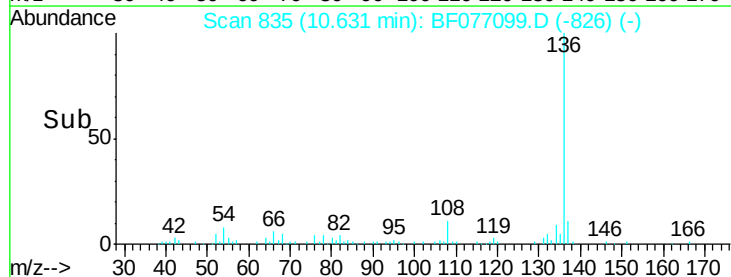
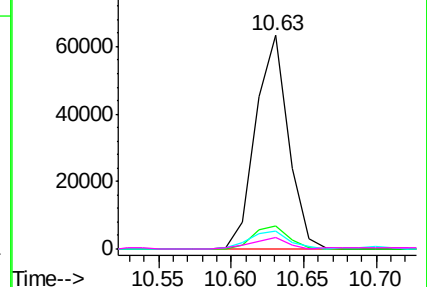


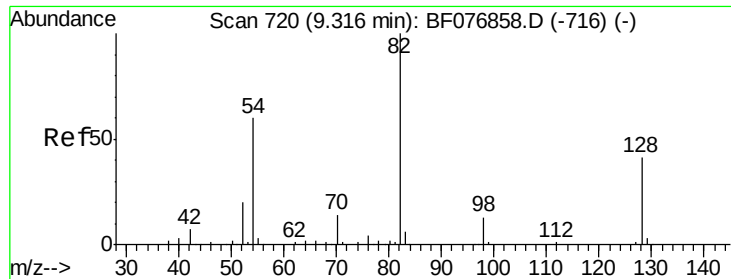
Abundance Ion 136.00 (135.70 to 136.70): E

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

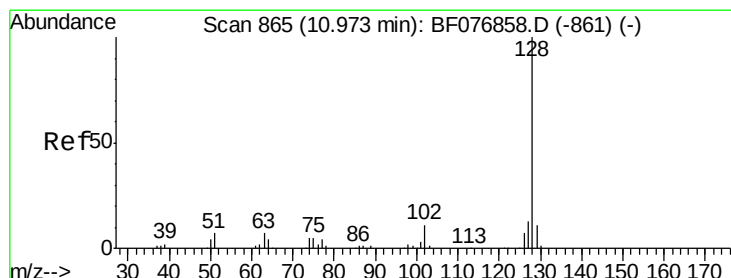
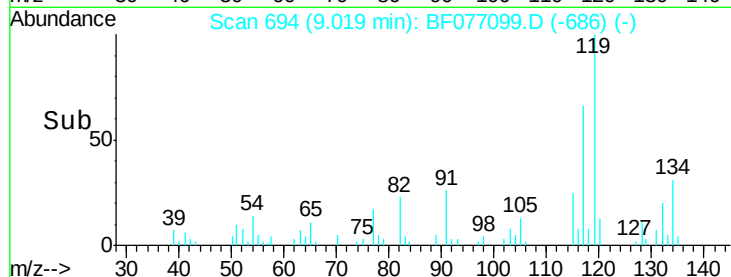
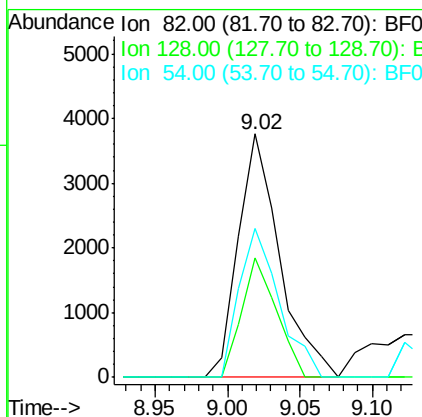
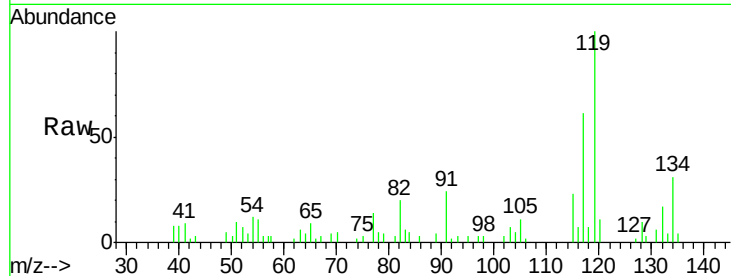




#23
 Nitrobenzene-d5
 Concen: 4.16 ng
 RT: 9.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF077099.D
 Acq: 28 Jan 2015 13:28

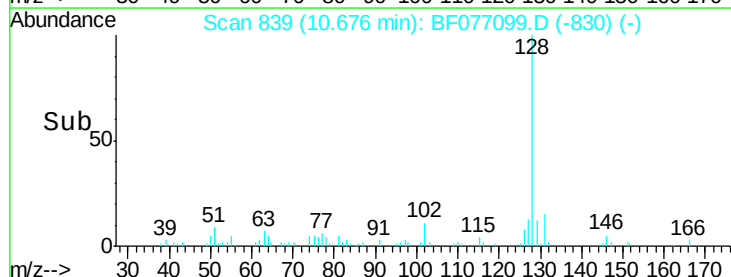
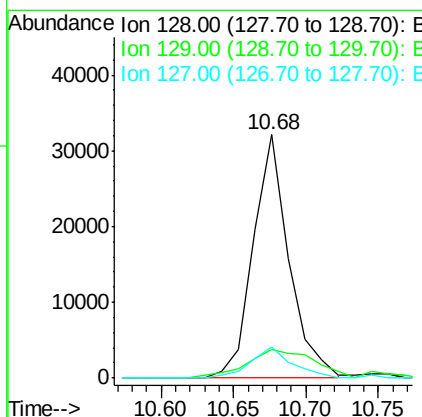
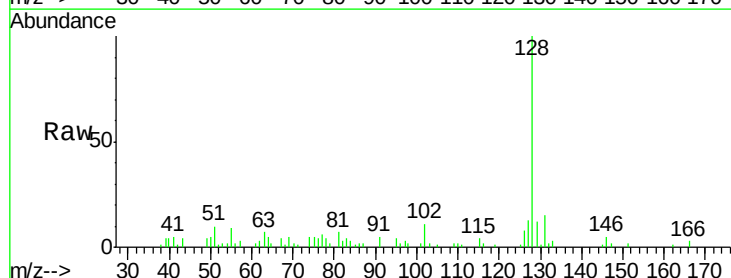
Instrument :
 BNA_F
 ClientSampleId :
 275B1BDL

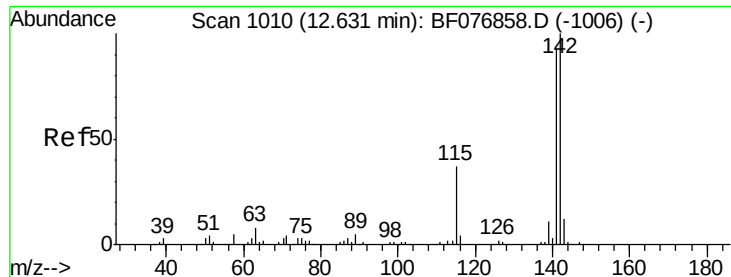
Tgt Ion: 82 Resp: 7432
 Ion Ratio Lower Upper
 82 100
 128 48.9 33.1 49.7
 54 61.2 48.3 72.5



#31
 Naphthalene
 Concen: 10.78 ng
 RT: 10.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF077099.D
 Acq: 28 Jan 2015 13:28

Tgt Ion: 128 Resp: 54959
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.0 13.6
 127 13.0 10.2 15.2

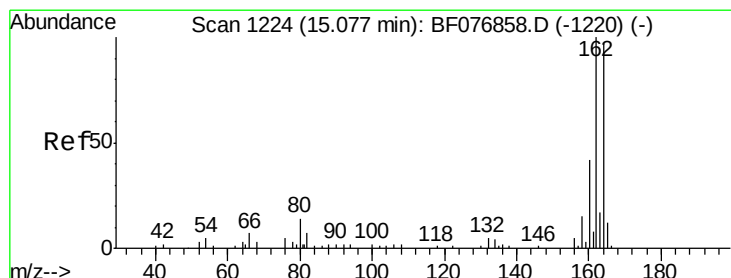
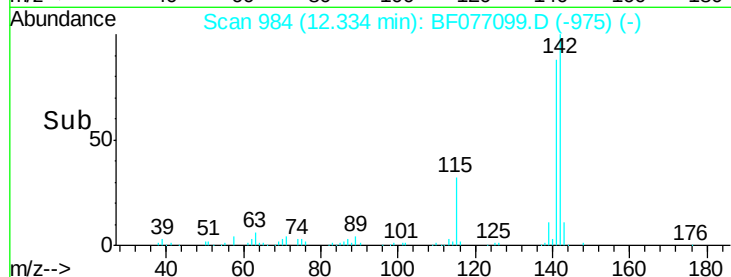
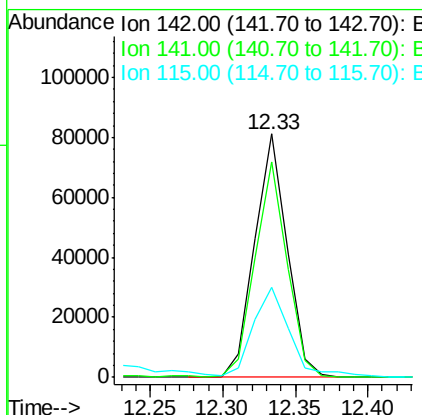
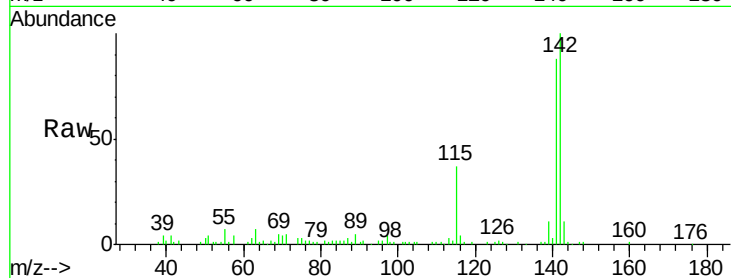




#37
2-Methylnaphthalene
Concen: 36.18 ng
RT: 12.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF077099.D
Acq: 28 Jan 2015 13:28

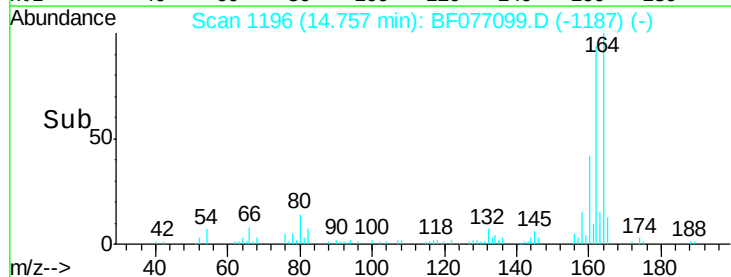
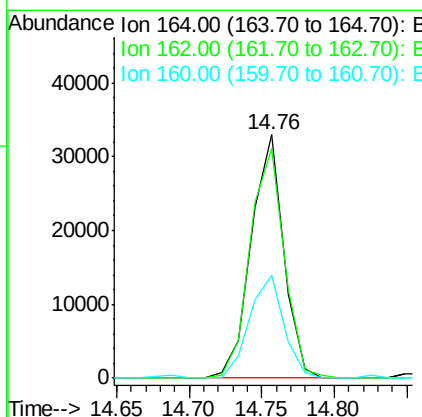
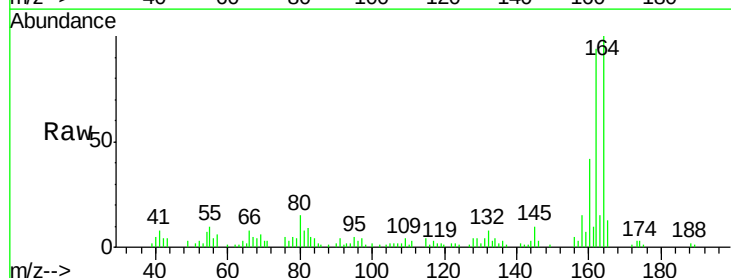
Instrument :
BNA_F
ClientSampleId :
275B1BDL

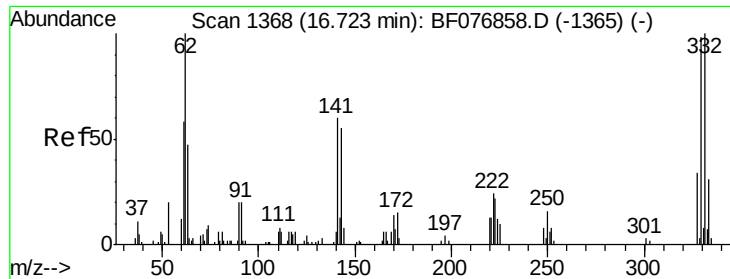
Tgt Ion:142 Resp: 125980
Ion Ratio Lower Upper
142 100
141 88.4 74.5 111.7
115 37.2 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF077099.D
Acq: 28 Jan 2015 13:28

Tgt Ion:164 Resp: 51037
Ion Ratio Lower Upper
164 100
162 94.2 82.4 123.6
160 42.4 34.8 52.2

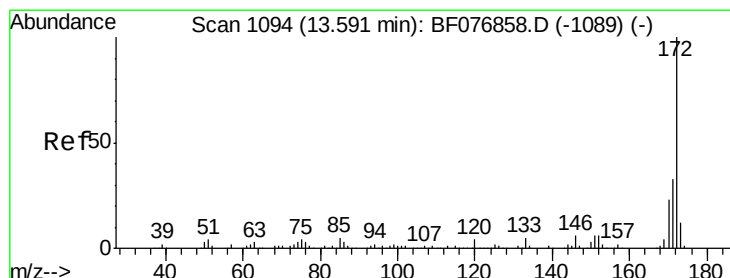
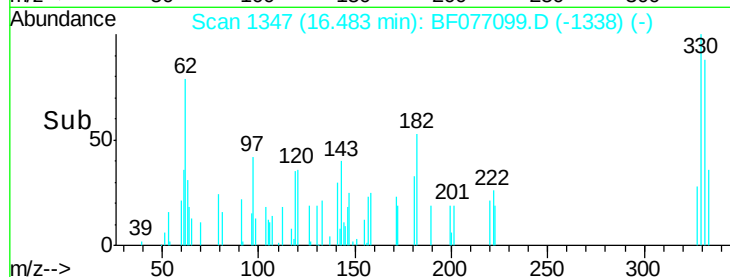
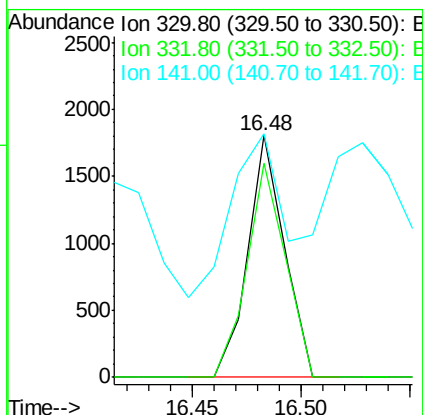
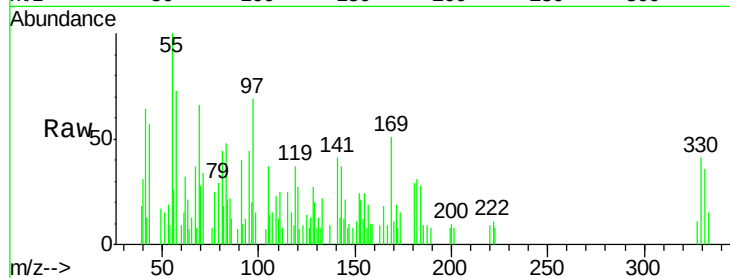




#41
 2,4,6-Tribromophenol
 Concen: 5.08 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077099.D
 Acq: 28 Jan 2015 13:28

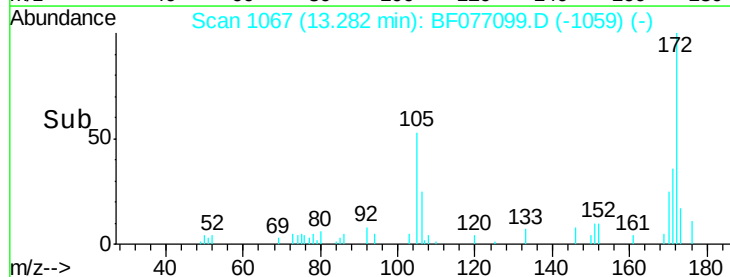
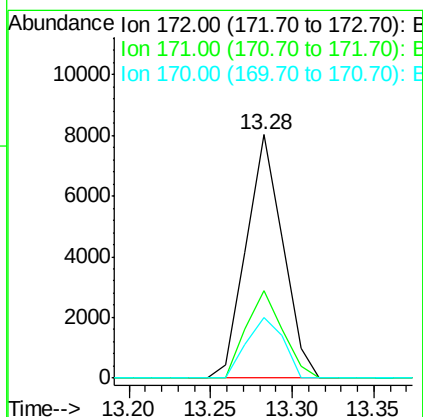
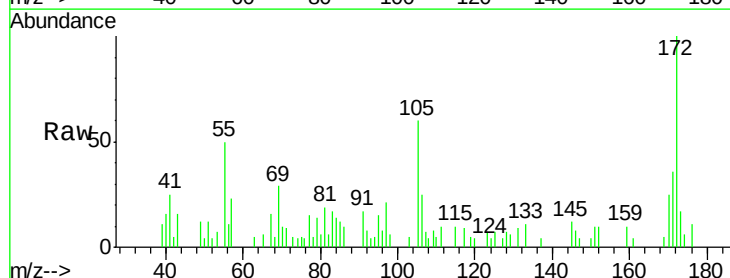
Instrument :
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 275B1BDL

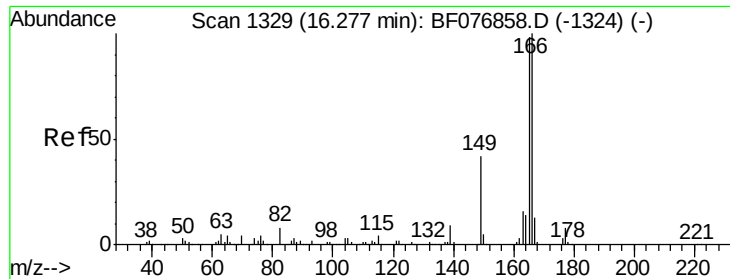
Tgt Ion: 330 Resp: 2103
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.8 116.6
 141 91.4 38.5 57.7#



#44
 2-Fluorobiphenyl
 Concen: 3.73 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF077099.D
 Acq: 28 Jan 2015 13:28

Tgt Ion: 172 Resp: 12512
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.6 40.0
 170 24.9 18.0 27.0

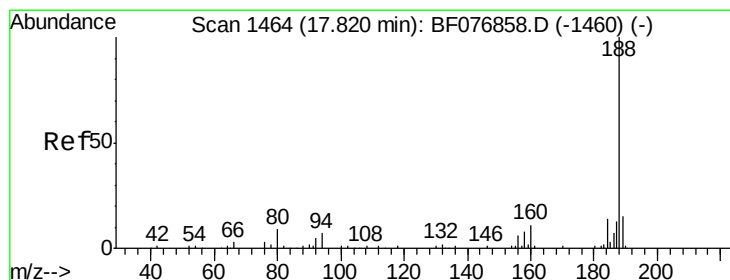
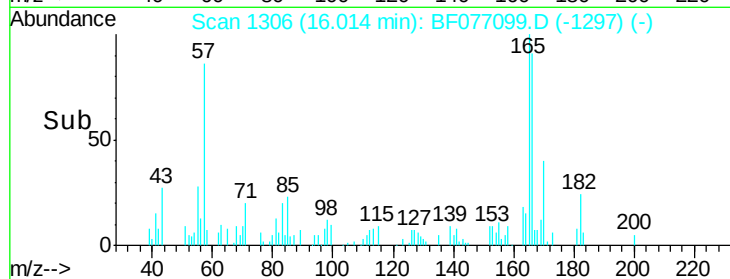
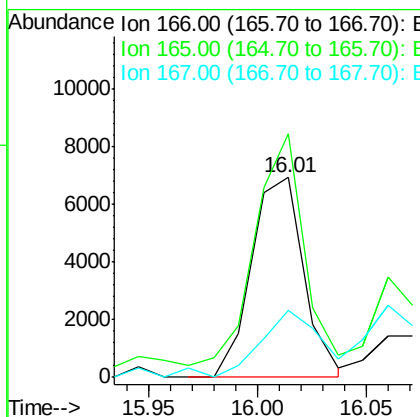
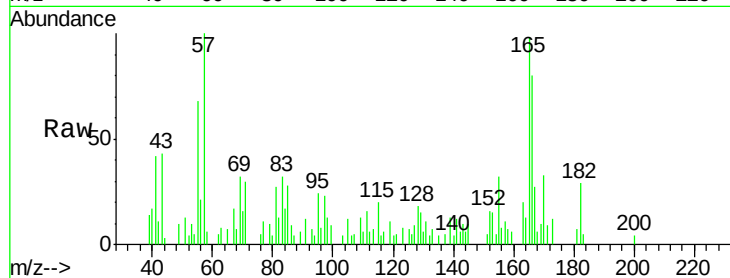




#57
 Fluorene
 Concen: 3.18 ng
 RT: 16.01 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF077099.D
 Acq: 28 Jan 2015 13:28

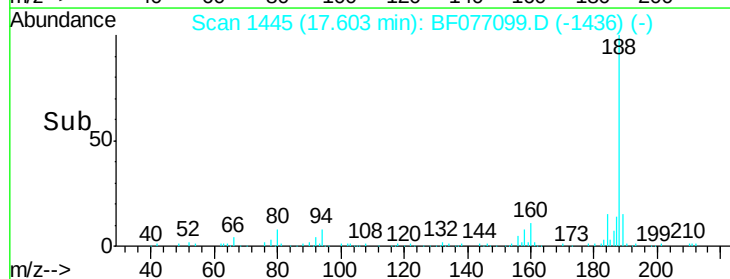
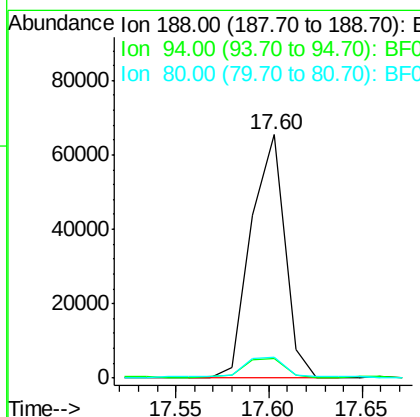
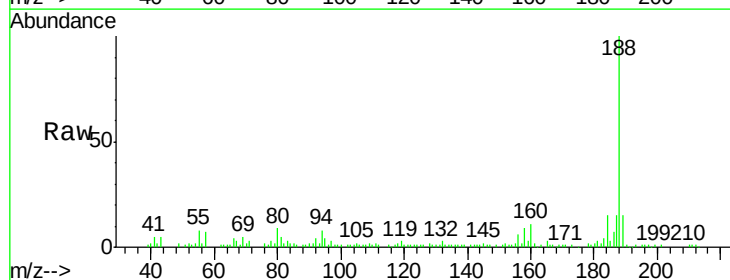
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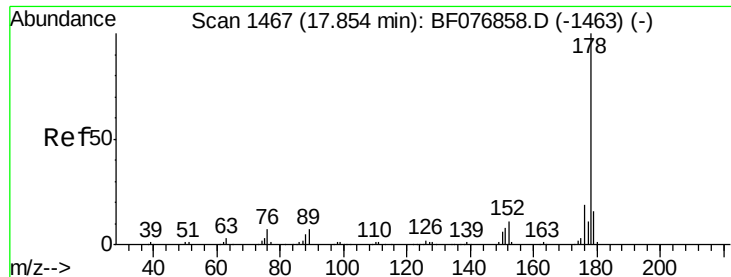
Tgt Ion:166 Resp: 11711
 Ion Ratio Lower Upper
 166 100
 165 122.0 78.5 117.7#
 167 33.4 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.60 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF077099.D
 Acq: 28 Jan 2015 13:28

Tgt Ion:188 Resp: 82322
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.0 9.0
 80 8.5 6.9 10.3





#70

Phenanthrene

Concen: 7.18 ng

RT: 17.64 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF077099.D

Acq: 28 Jan 2015 13:28

Instrument :

BNA_F

ClientSampleId :

275B1BDL

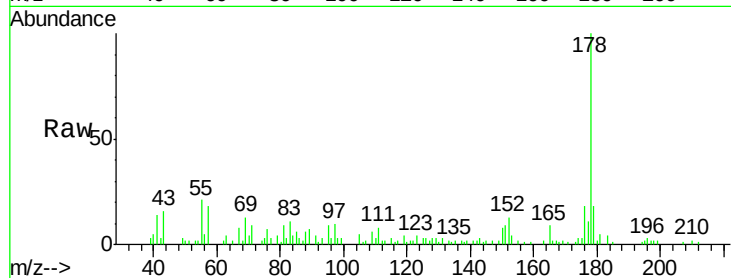
Tgt Ion:178 Resp: 36869

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

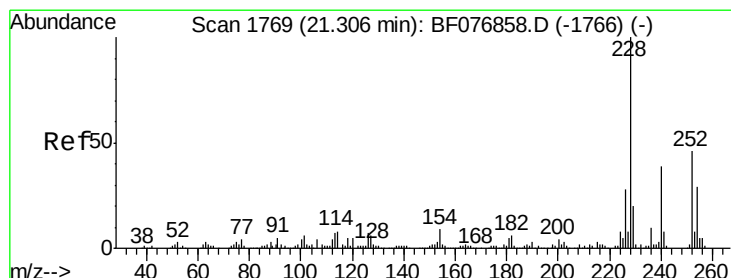
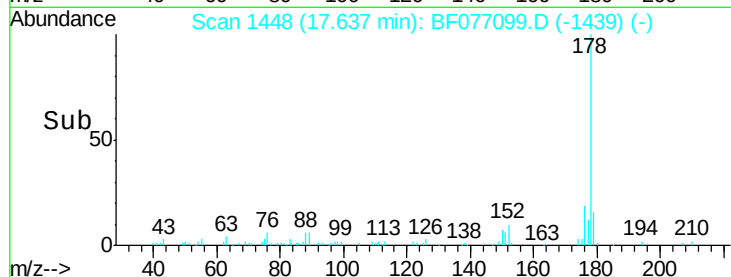
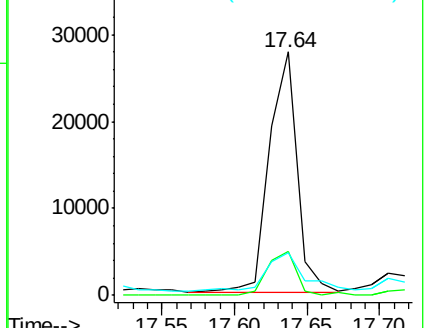
179 17.5 12.7 19.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF077099.D

Acq: 28 Jan 2015 13:28

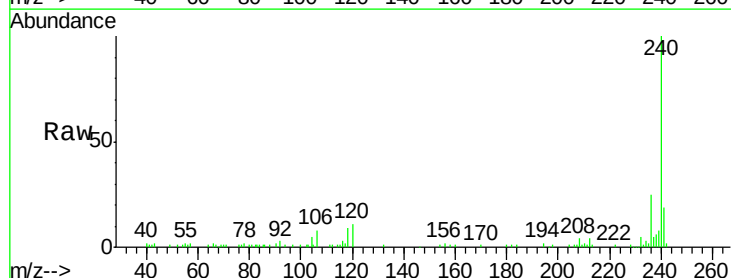
Tgt Ion:240 Resp: 79596

Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

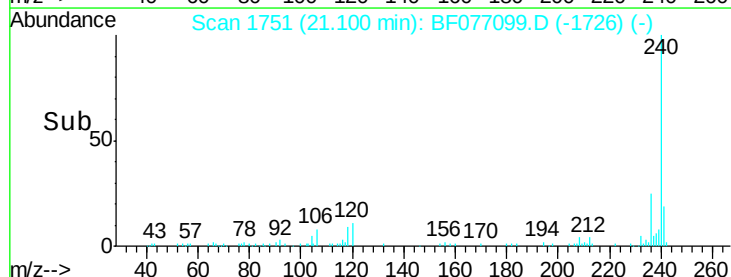
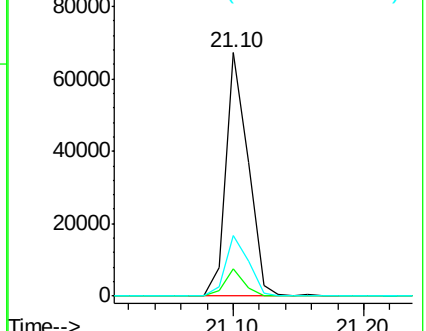
236 24.7 20.2 30.2

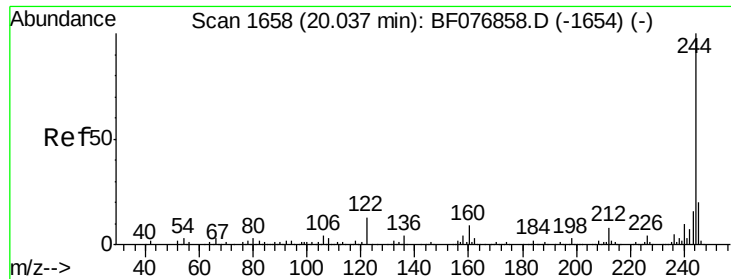


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

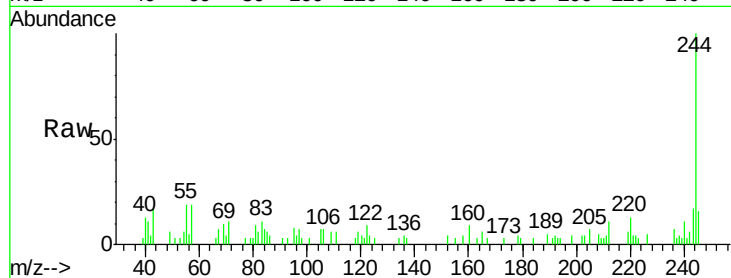




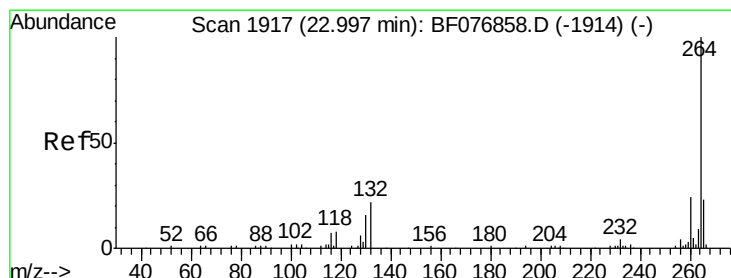
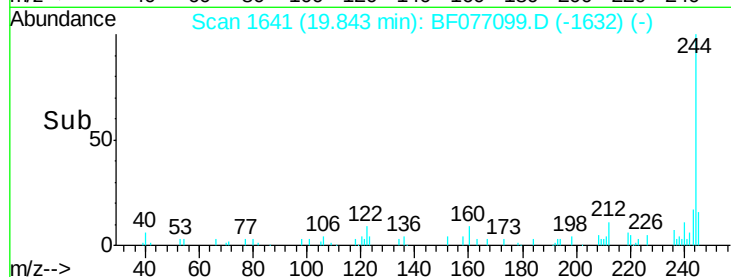
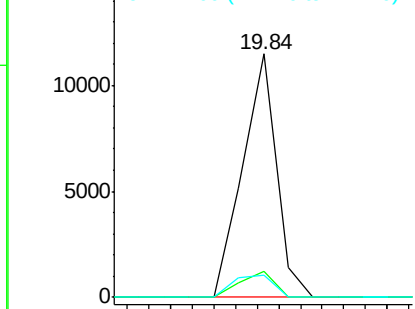
#78
 Terphenyl-d14
 Concen: 3.58 ng
 RT: 19.84 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF077099.D
 Acq: 28 Jan 2015 13:28

Instrument :
 BNA_F
 ClientSampleId :
 275B1BDL

Tgt Ion:244 Resp: 12382
 Ion Ratio Lower Upper
 244 100
 212 10.6 6.3 9.5#
 122 9.3 10.1 15.1#

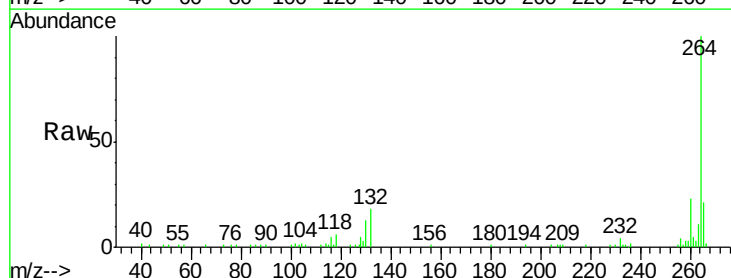


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.79 min Scan# 1899
 Delta R.T. -0.02 min
 Lab File: BF077099.D
 Acq: 28 Jan 2015 13:28

Tgt Ion:264 Resp: 74496
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.7 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

