

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
 Data File : BF078490.D
 Acq On : 14 Apr 2015 7:30
 Operator : TP/IZ
 Sample : G1787-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02A

Quant Time: Apr 14 07:31:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

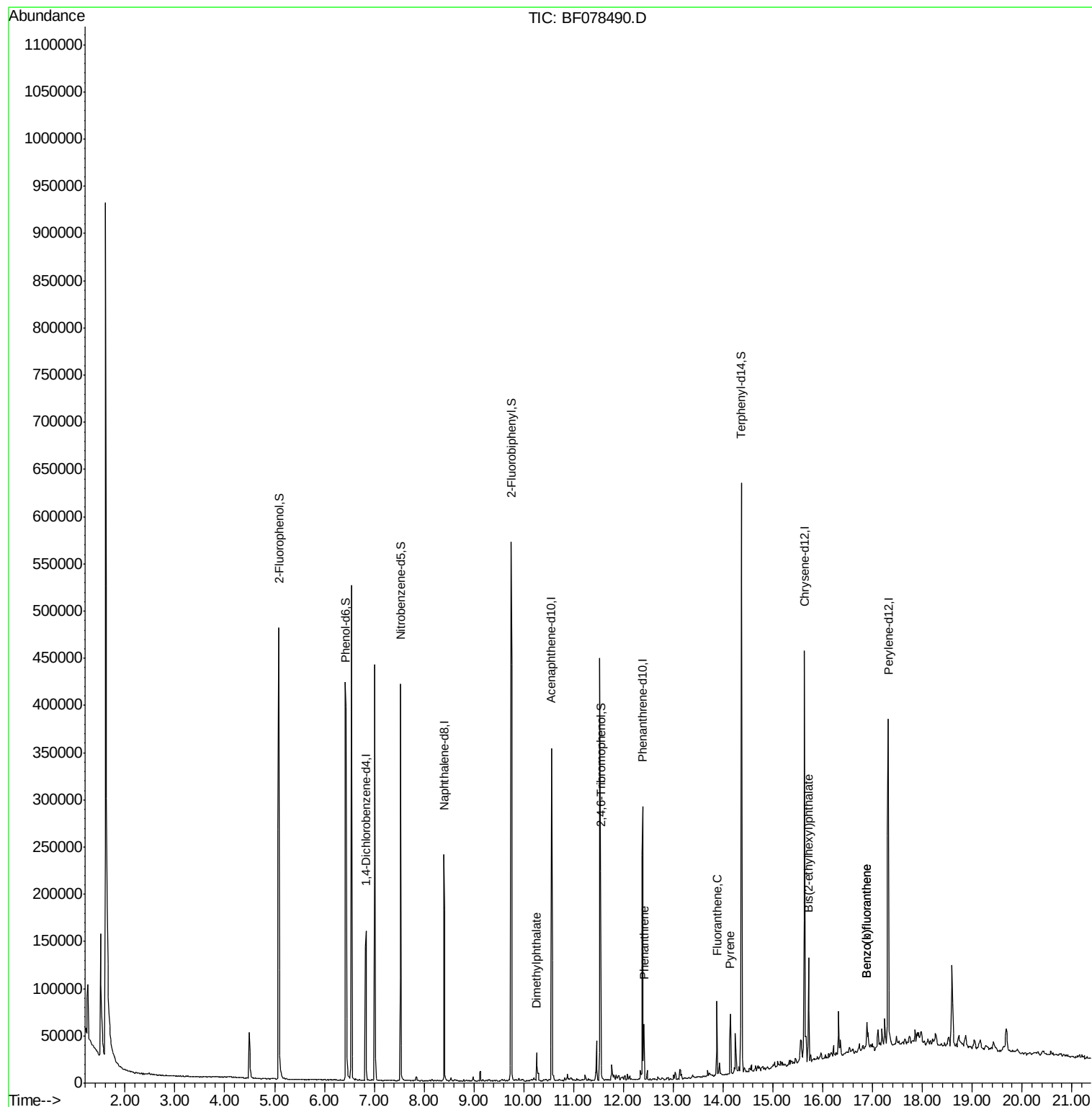
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	37576	20.00	ng	-0.05
21) Naphthalene-d8	8.40	136	152929	20.00	ng	-0.07
38) Acenaphthene-d10	10.56	164	77269	20.00	ng	-0.08
63) Phenanthrene-d10	12.39	188	156142	20.00	ng	-0.08
75) Chrysene-d12	15.63	240	166083	20.00	ng	-0.11
86) Perylene-d12	17.31	264	165404	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	190621	83.64	ng	-0.09
7) Phenol-d6	6.43	99	237308	83.09	ng	-0.04
23) Nitrobenzene-d5	7.53	82	139278	55.20	ng	-0.05
41) 2,4,6-Tribromophenol	11.54	330	60051	93.71	ng	-0.08
44) 2-Fluorobiphenyl	9.75	172	254365	47.06	ng	-0.07
78) Terphenyl-d14	14.37	244	295222	40.17	ng	-0.10
Target Compounds						Qvalue
49) Dimethylphthalate	10.26	163	15214	2.62	ng	100
70) Phenanthrene	12.41	178	24655	2.73	ng	98
74) Fluoranthene	13.87	202	36483	3.83	ng	92
77) Pyrene	14.15	202	28780	2.76	ng	98
83) Bis(2-ethylhexyl)phthalate	15.71	149	39130	6.28	ng	# 96
87) Benzo(b)fluoranthene	16.88	252	24709	2.42	ng	# 89
88) Benzo(k)fluoranthene	16.88	252	24710	2.72	ng	# 94

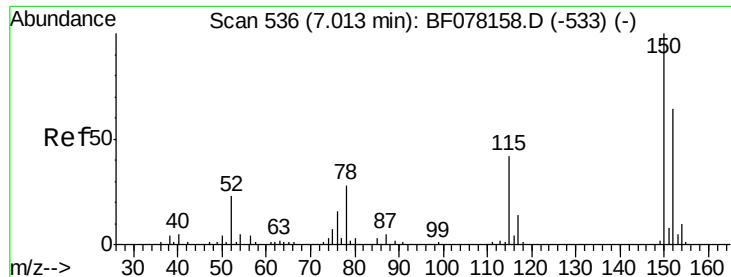
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
Data File : BF078490.D
Acq On : 14 Apr 2015 7:30
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Apr 14 07:31:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.05 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

LS-SD02A

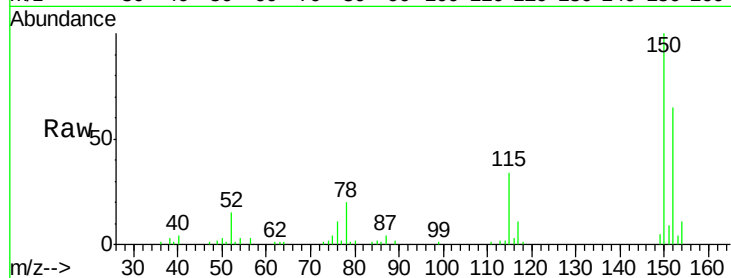
Tgt Ion:152 Resp: 37576

Ion Ratio Lower Upper

152 100

150 153.3 125.9 188.9

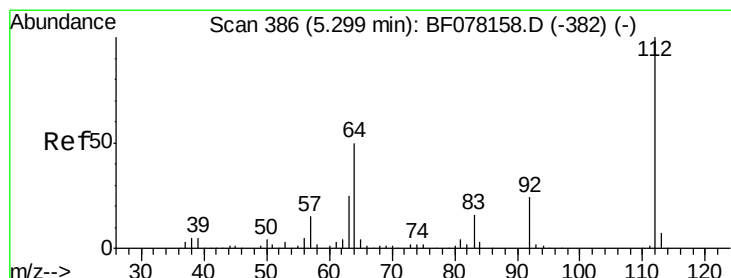
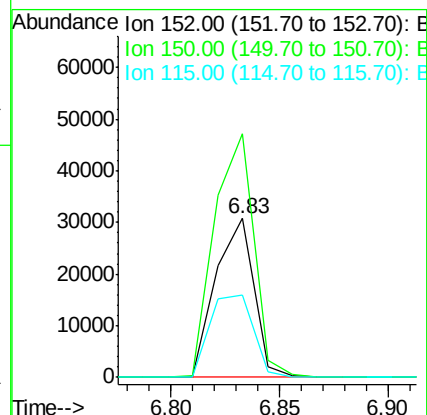
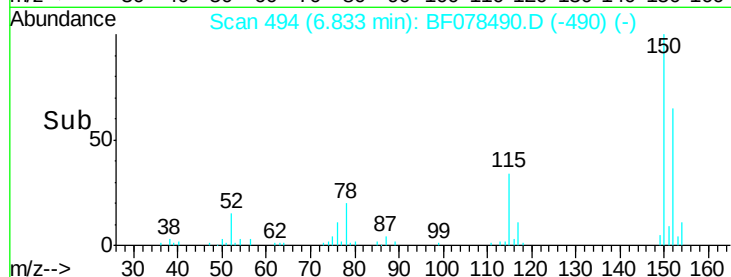
115 51.8 52.7 79.1#



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: 83.64 ng

RT: 5.08 min Scan# 341

Delta R.T. -0.09 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

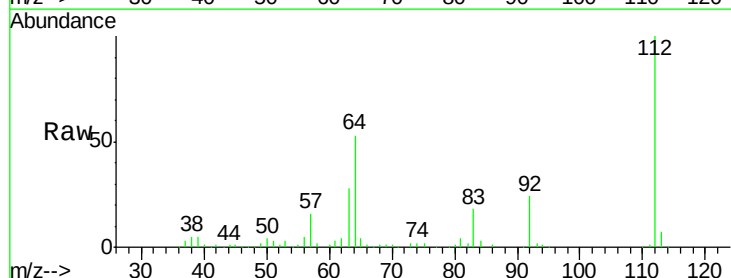
Tgt Ion:112 Resp: 190621

Ion Ratio Lower Upper

112 100

64 53.4 39.9 59.9

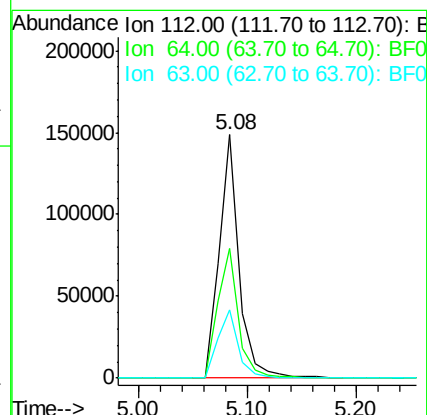
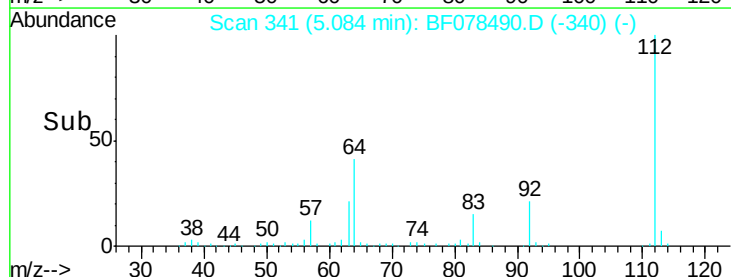
63 27.9 20.2 30.4

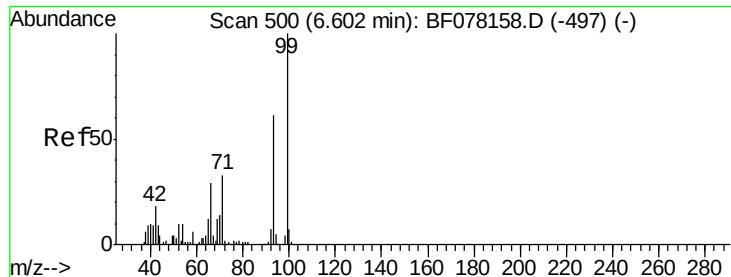


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.09 ng

RT: 6.43 min Scan# 459

Delta R.T. -0.04 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

LS-SD02A

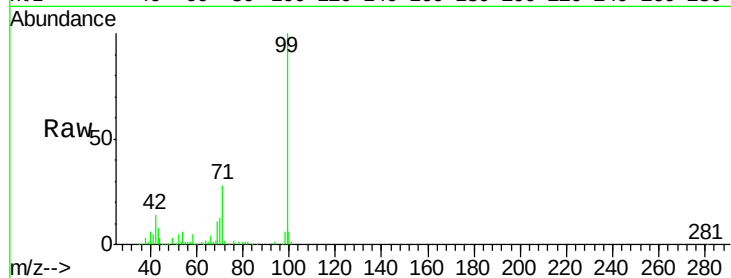
Tgt Ion: 99 Resp: 237308

Ion Ratio Lower Upper

99 100

42 13.9 14.8 22.2#

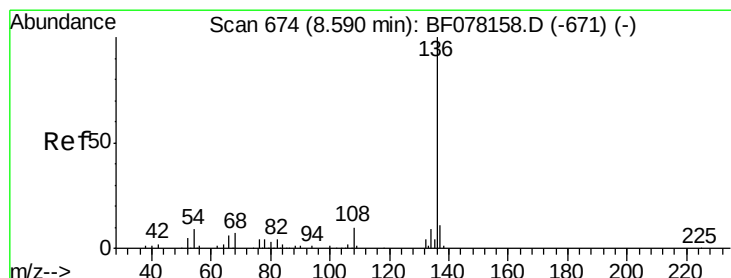
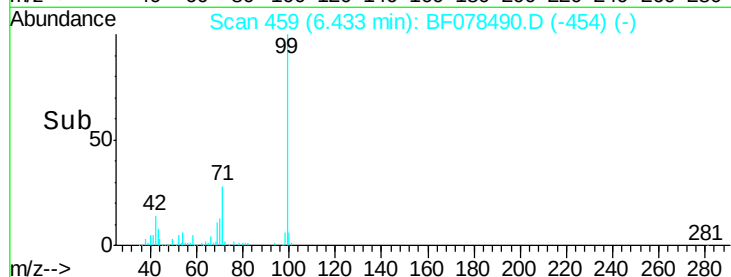
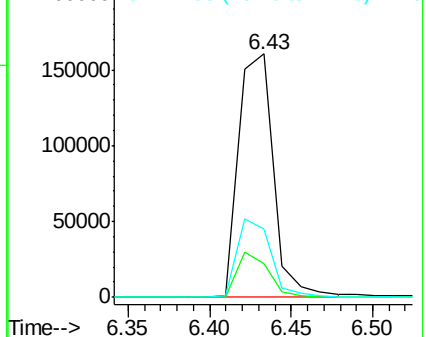
71 28.3 26.6 39.8



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: 8.40 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Tgt Ion: 136 Resp: 152929

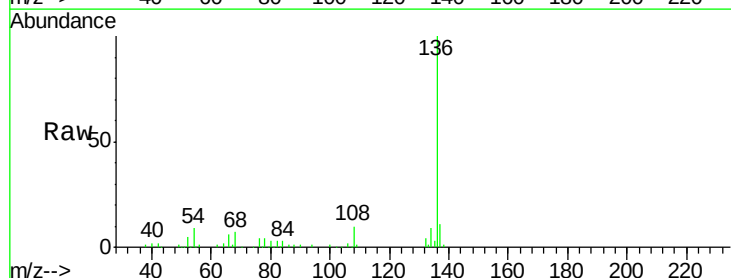
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.9 7.0 10.6

68 7.0 5.4 8.2

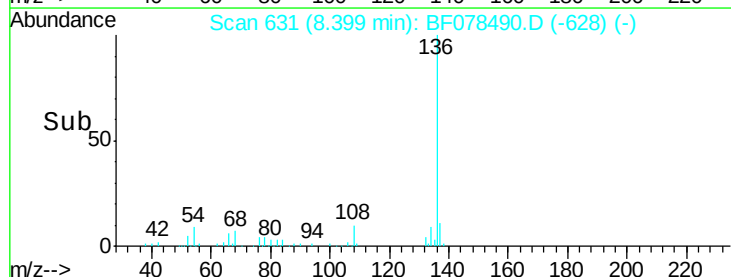
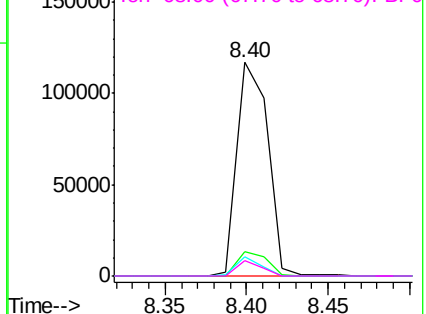


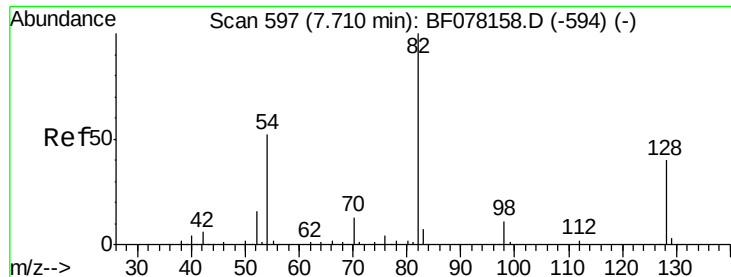
Abundance Ion 136.00 (135.70 to 136.70): E

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

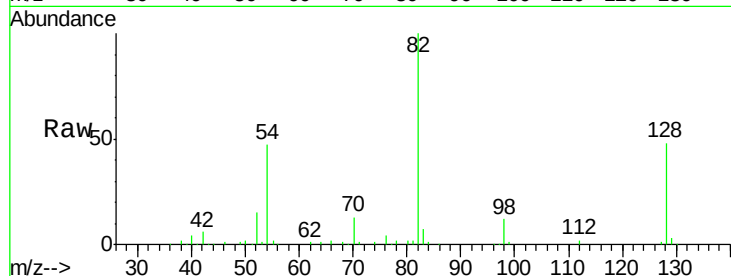




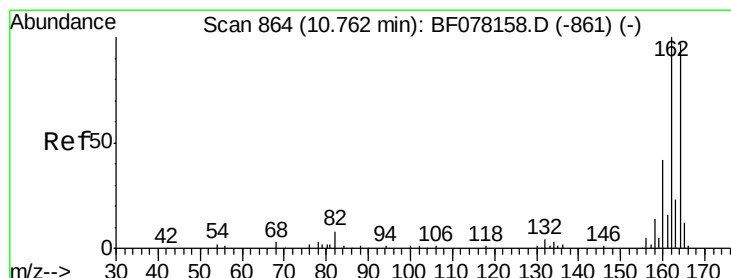
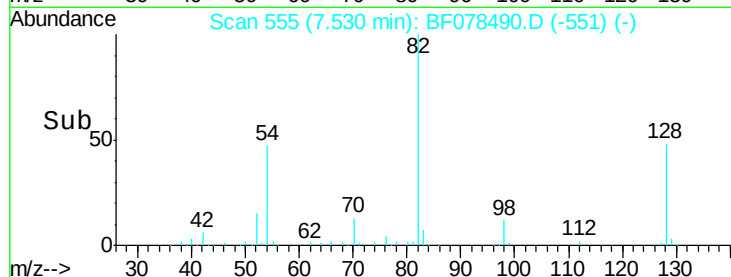
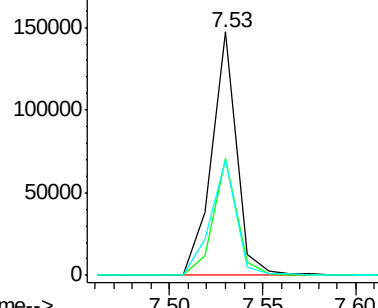
#23
 Nitrobenzene-d5
 Concen: 55.20 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.05 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02A

Tgt Ion: 82 Resp: 139278
 Ion Ratio Lower Upper
 82 100
 128 48.0 31.8 47.8#
 54 47.3 41.5 62.3

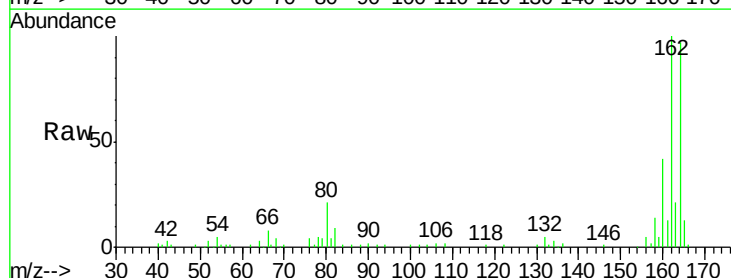


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

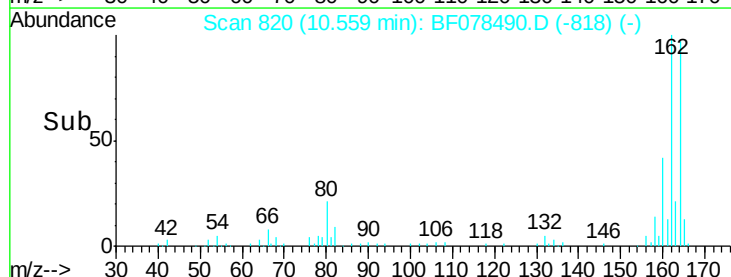
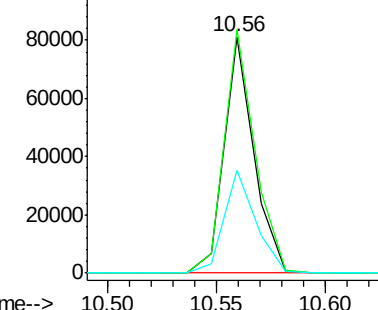


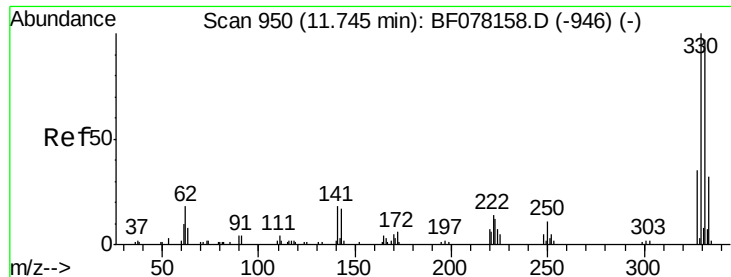
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.08 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Tgt Ion: 164 Resp: 77269
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.2 123.2
 160 43.7 34.7 52.1



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

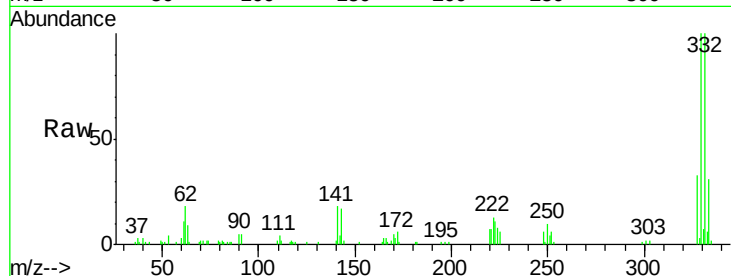




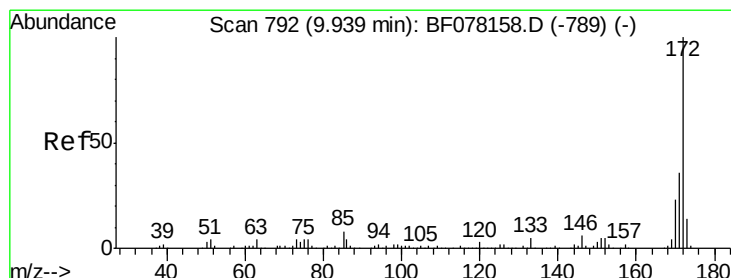
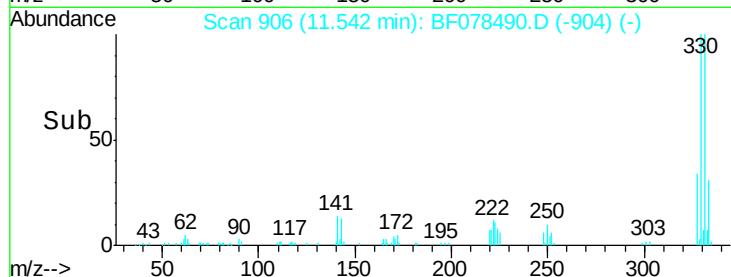
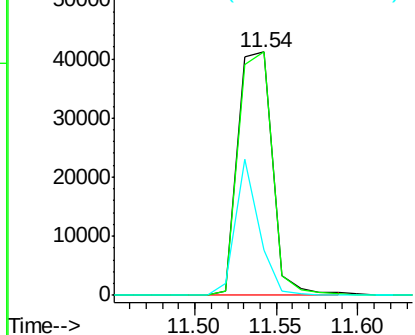
#41
 2,4,6-Tribromophenol
 Concen: 93.71 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.08 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Instrument :
 BNA_F
 ClientSampled :
 LS-SD02A

Tgt Ion:330 Resp: 60051
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.6 117.8
 141 38.6 31.2 46.8

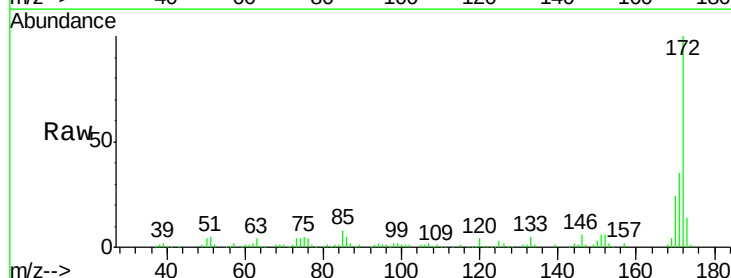


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

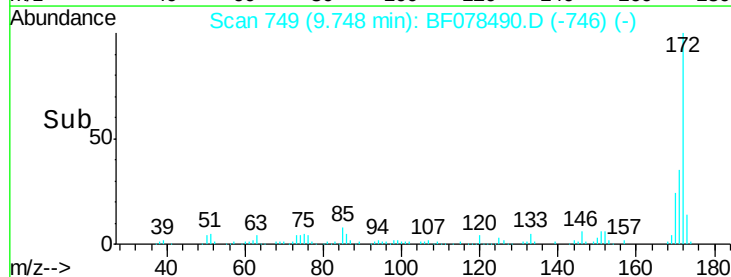
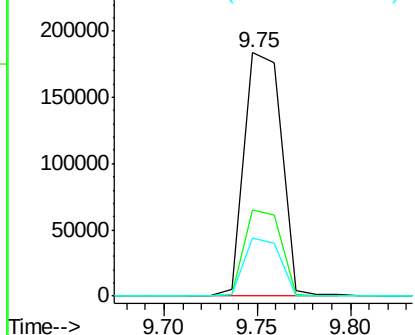


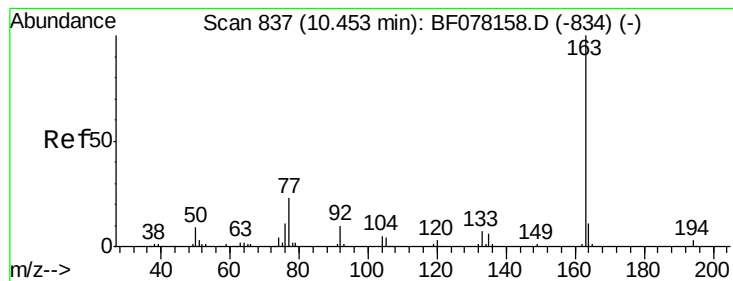
#44
 2-Fluorobiphenyl
 Concen: 47.06 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.07 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Tgt Ion:172 Resp: 254365
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.8 18.5 27.7



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





#49

Dimethylphthalate

Concen: 2.62 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.07 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

LS-SD02A

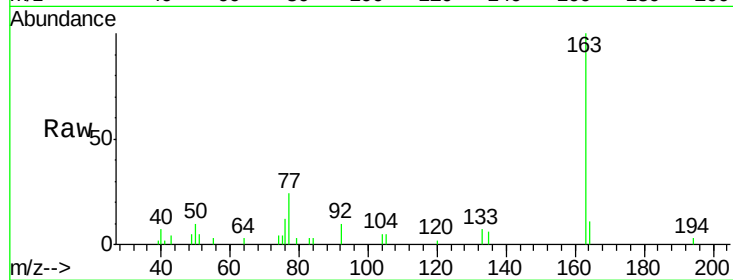
Tgt Ion:163 Resp: 15214

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

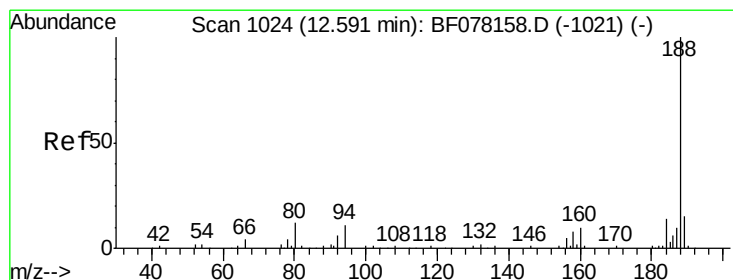
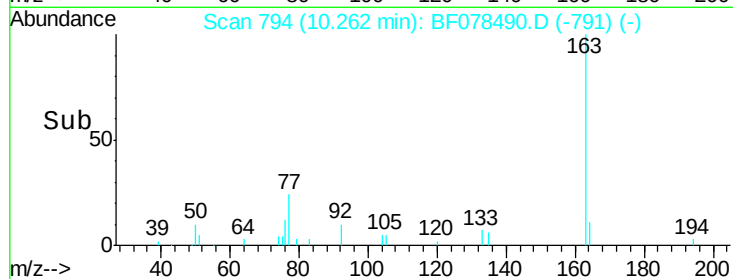
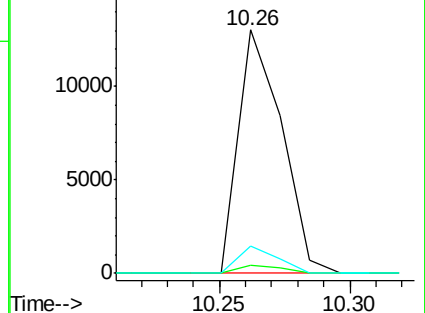
164 11.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 980

Delta R.T. -0.08 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

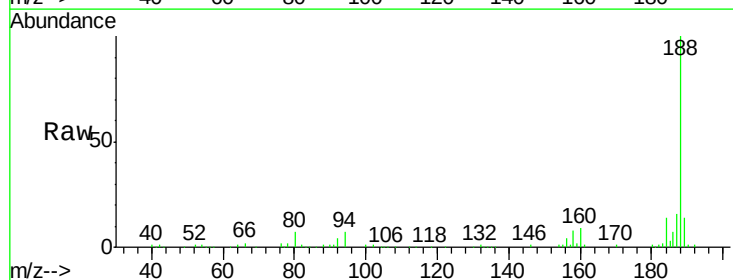
Tgt Ion:188 Resp: 156142

Ion Ratio Lower Upper

188 100

94 7.1 9.0 13.4#

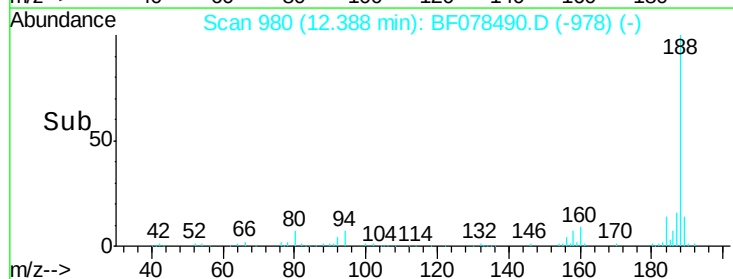
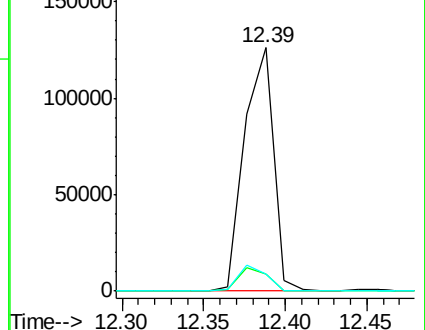
80 7.2 9.5 14.3#

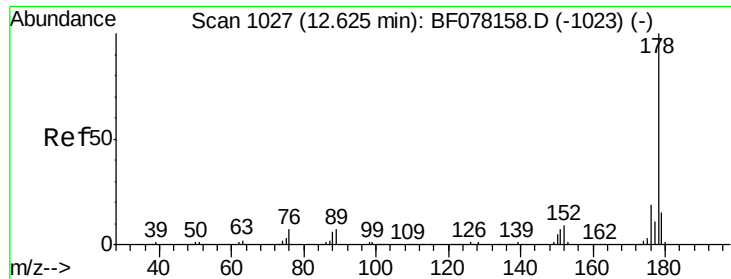


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

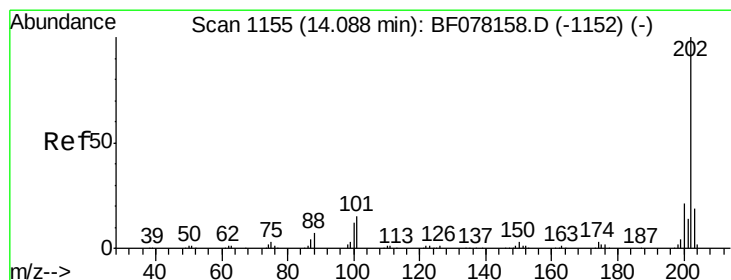
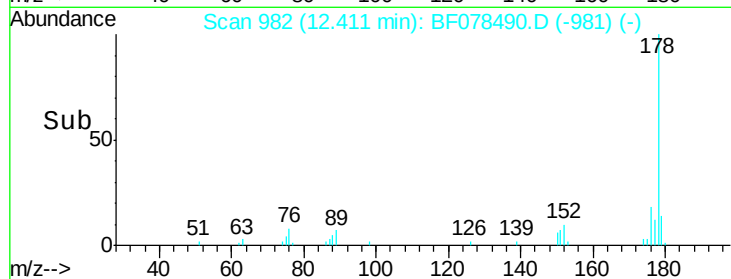
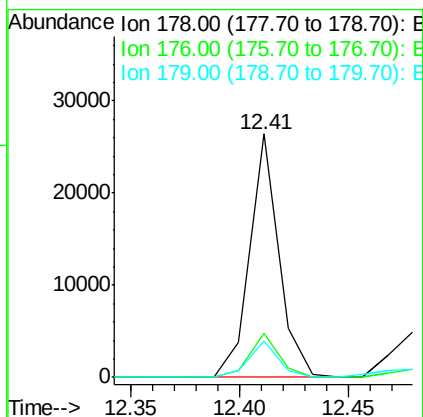
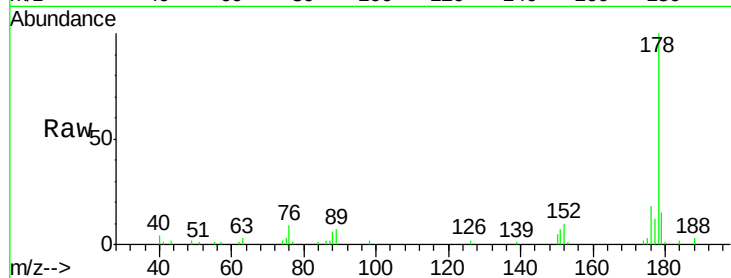




#70
Phenanthrene
Concen: 2.73 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.09 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

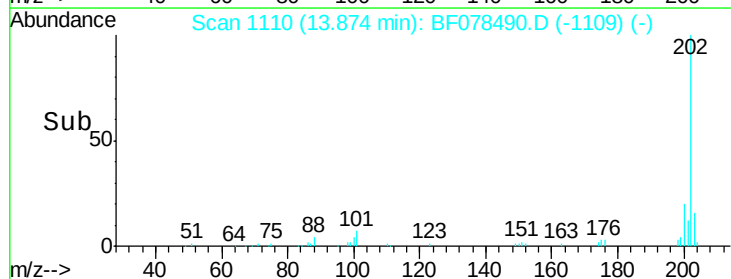
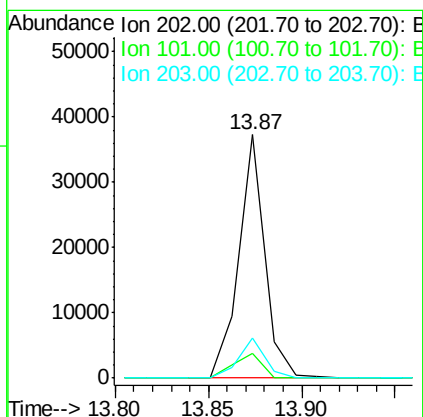
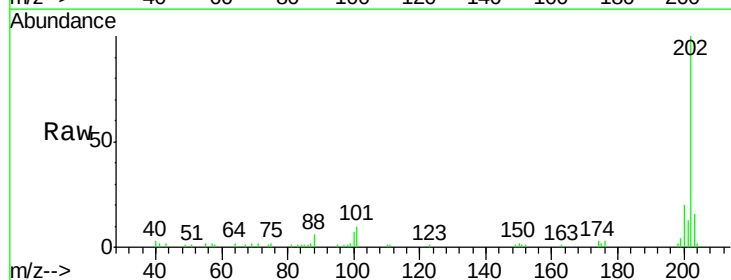
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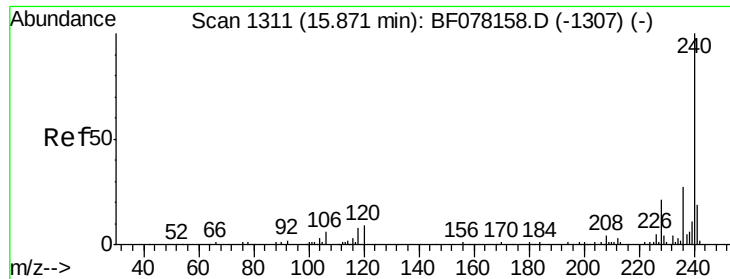
Tgt Ion:178 Resp: 24655
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 15.1 12.2 18.2



#74
Fluoranthene
Concen: 3.83 ng
RT: 13.87 min Scan# 1110
Delta R.T. -0.09 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

Tgt Ion:202 Resp: 36483
Ion Ratio Lower Upper
202 100
101 10.2 0.0 35.2
203 16.4 0.0 38.5

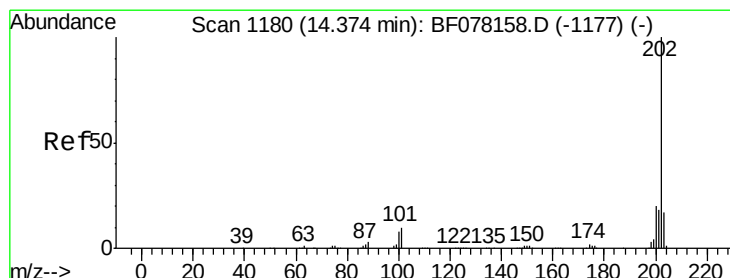
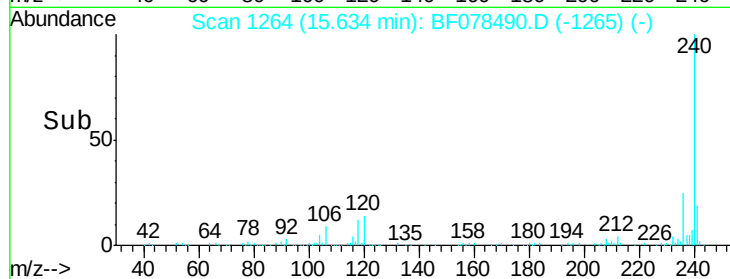
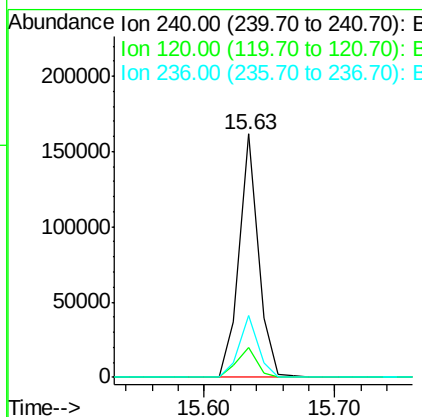
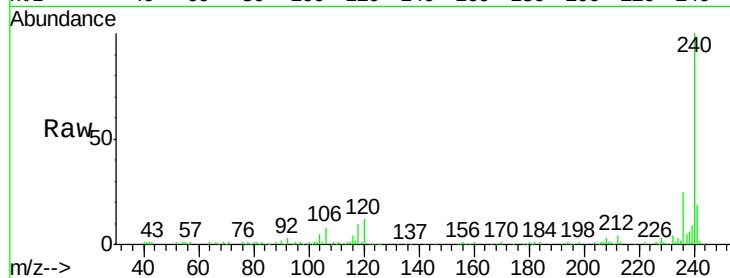




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1264
 Delta R.T. -0.11 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

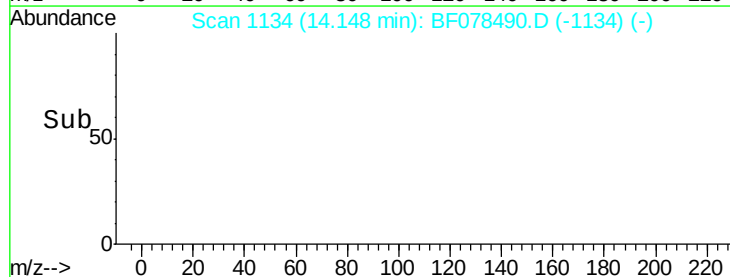
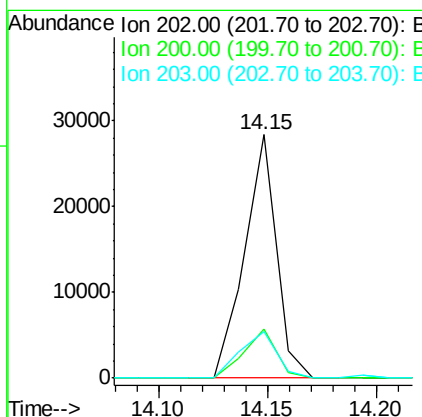
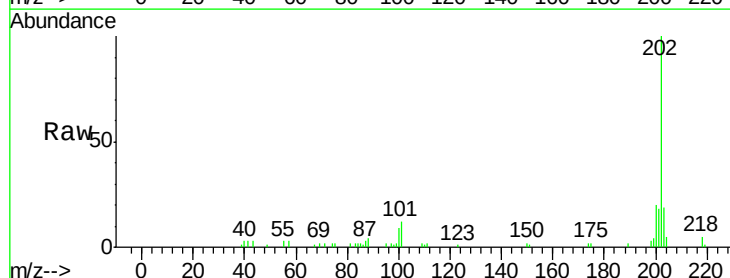
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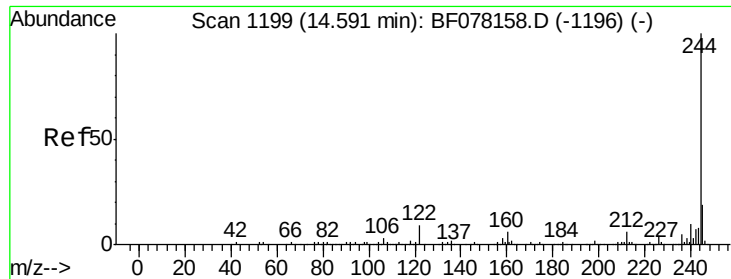
Tgt Ion: 240 Resp: 166083
 Ion Ratio Lower Upper
 240 100
 120 12.0 7.1 10.7#
 236 25.4 21.4 32.2



#77
 Pyrene
 Concen: 2.76 ng
 RT: 14.15 min Scan# 1134
 Delta R.T. -0.10 min
 Lab File: BF078490.D
 Acq: 14 Apr 2015 7:30

Tgt Ion: 202 Resp: 28780
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.3 24.5
 203 19.3 13.8 20.6





#78

Terphenyl-d14

Concen: 40.17 ng

RT: 14.37 min Scan# 1153

Delta R.T. -0.10 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Instrument :

BNA_F

ClientSampled :

LS-SD02A

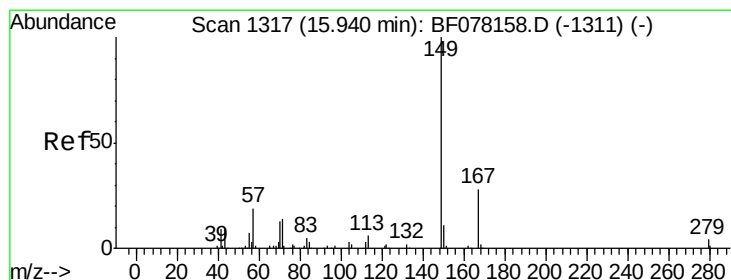
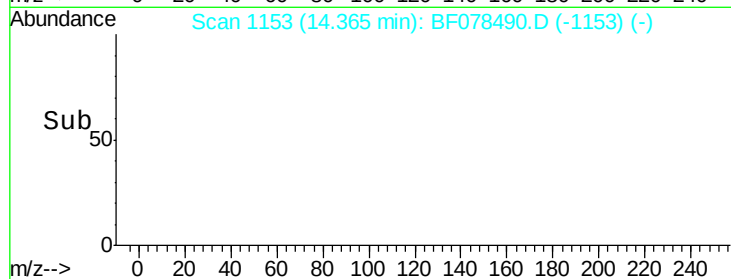
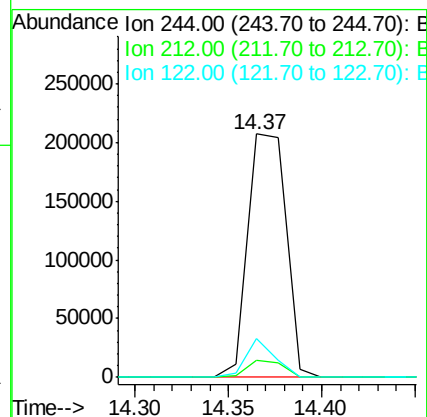
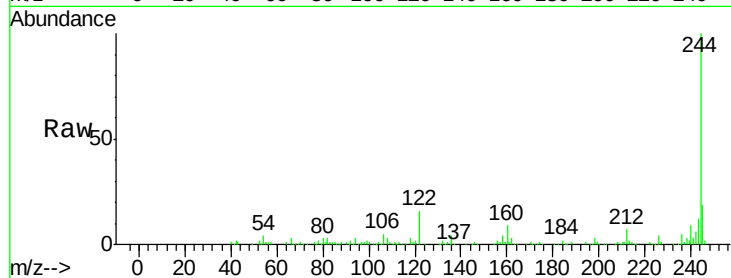
Tgt Ion:244 Resp: 295222

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

122 15.7 7.1 10.7#



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.28 ng

RT: 15.71 min Scan# 1271

Delta R.T. -0.10 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

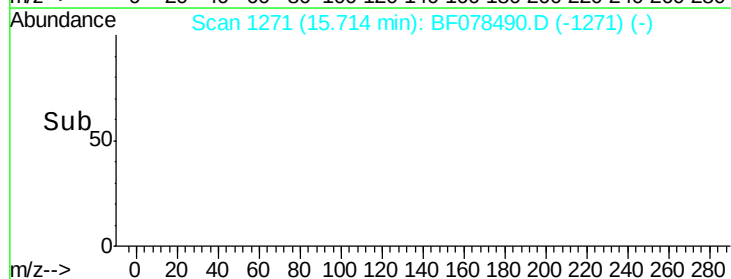
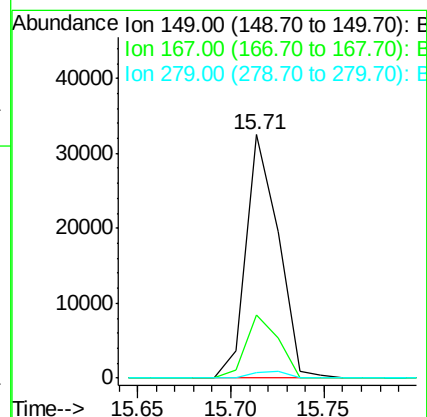
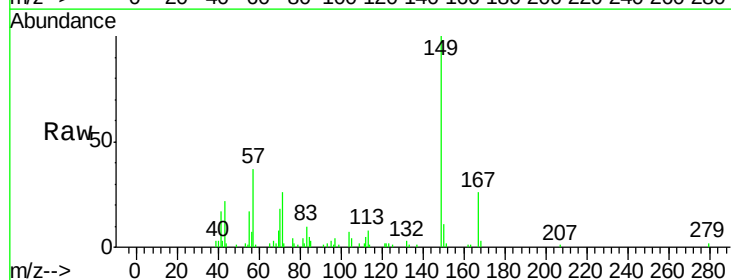
Tgt Ion:149 Resp: 39130

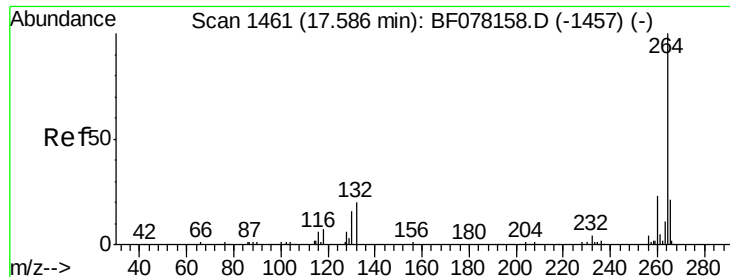
Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.2

279 2.2 3.2 4.8#

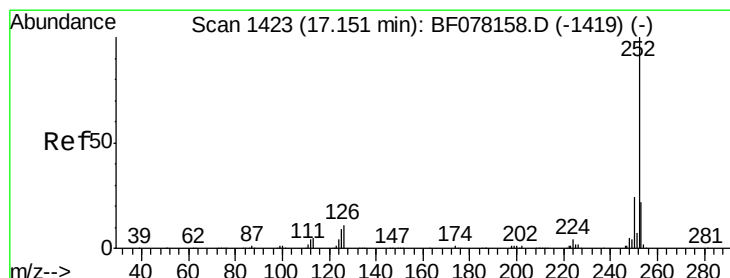
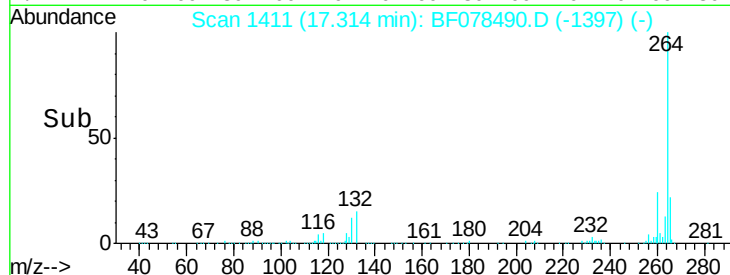
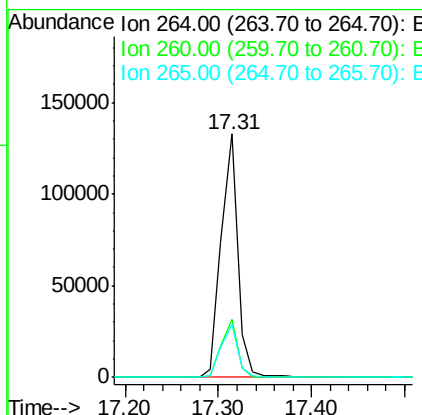
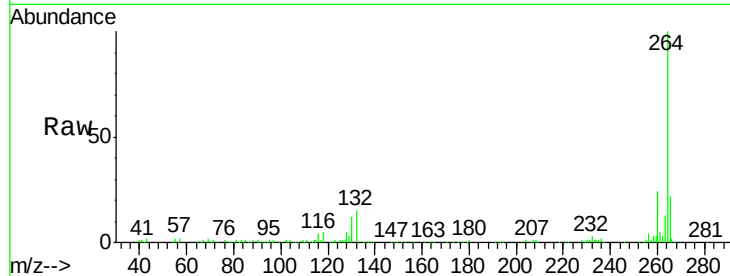




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.15 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

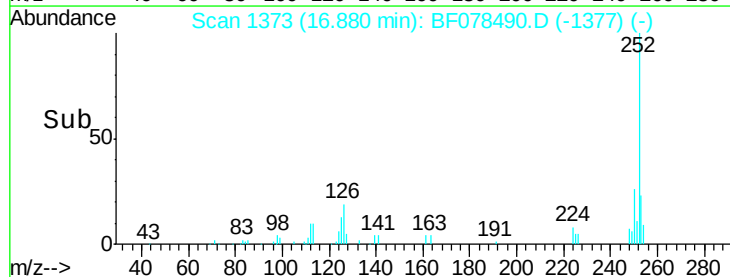
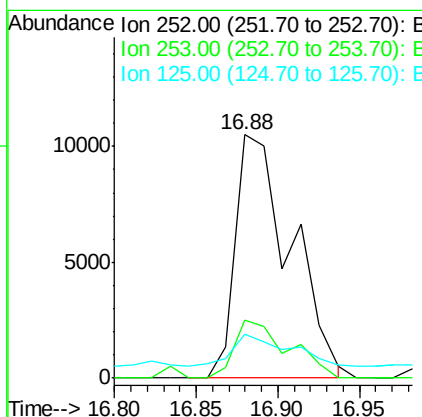
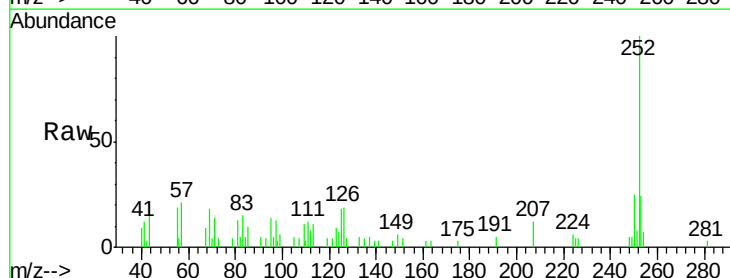
Instrument :
BNA_F
ClientSampleId :
LS-SD02A

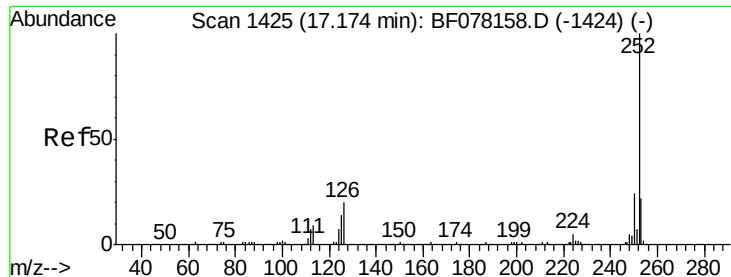
Tgt Ion: 264 Resp: 165404
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.9 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 2.42 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.15 min
Lab File: BF078490.D
Acq: 14 Apr 2015 7:30

Tgt Ion: 252 Resp: 24709
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 18.2 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 2.72 ng

RT: 16.88 min Scan# 1373

Delta R.T. -0.17 min

Lab File: BF078490.D

Acq: 14 Apr 2015 7:30

Instrument :

BNA_F

ClientSampleId :

LS-SD02A

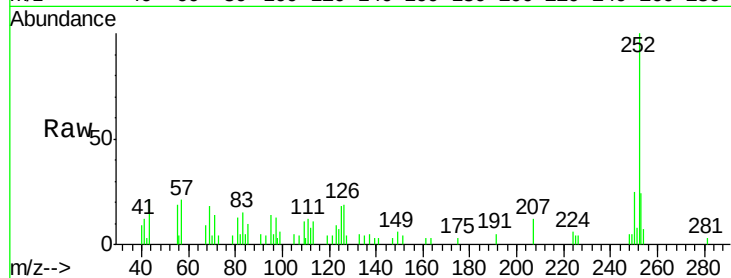
Tgt Ion:252 Resp: 24710

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

125 18.2 11.6 17.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

