

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078492.D
 Acq On : 14 Apr 2015 8:28
 Operator : TP/IZ
 Sample : G1787-06 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02C

Quant Time: Apr 14 08:14:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 07:58:00 2015
 Response via : Initial Calibration

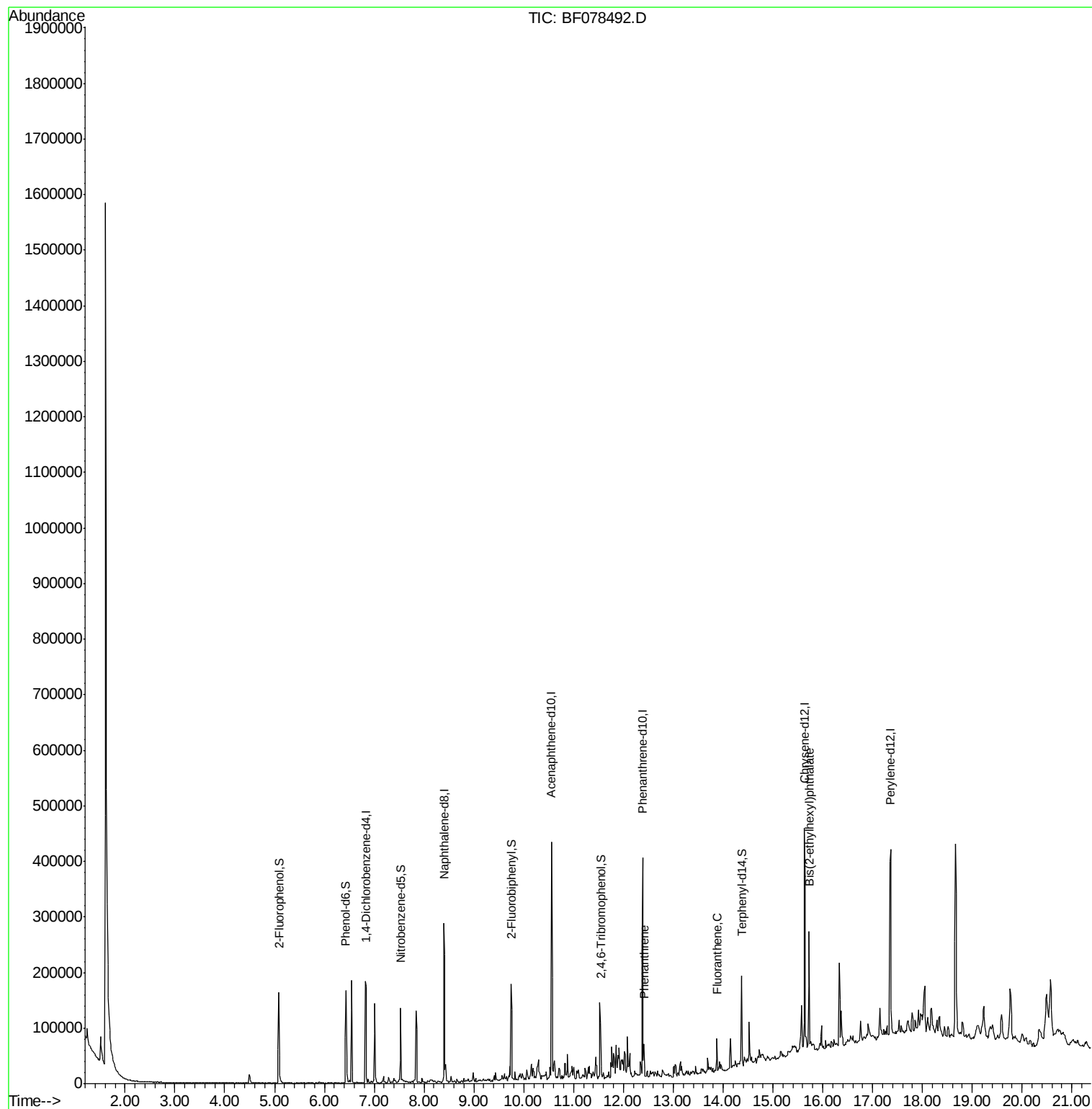
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42970	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	183583	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	94755	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	179630	20.00	ng	0.00
75) Chrysene-d12	15.63	240	192097	20.00	ng	-0.01
86) Perylene-d12	17.36	264	185467	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	62261	23.89	ng	0.01
7) Phenol-d6	6.43	99	80897	24.77	ng	0.00
23) Nitrobenzene-d5	7.53	82	44657	14.74	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	19153	24.37	ng	0.00
44) 2-Fluorobiphenyl	9.75	172	76574	11.55	ng	-0.01
78) Terphenyl-d14	14.38	244	78679	9.26	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.41	178	24155	2.32	ng	99
74) Fluoranthene	13.87	202	25057	2.29	ng	94
83) Bis(2-ethylhexyl)phthalate	15.73	149	76644	10.63	ng	98

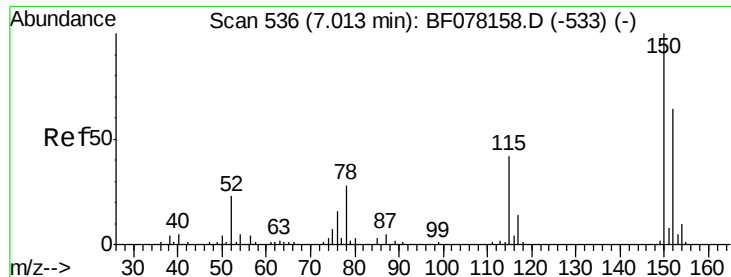
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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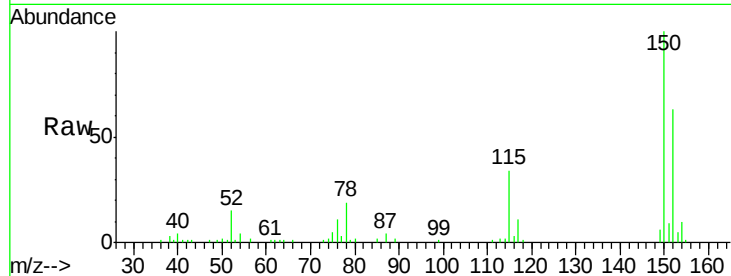




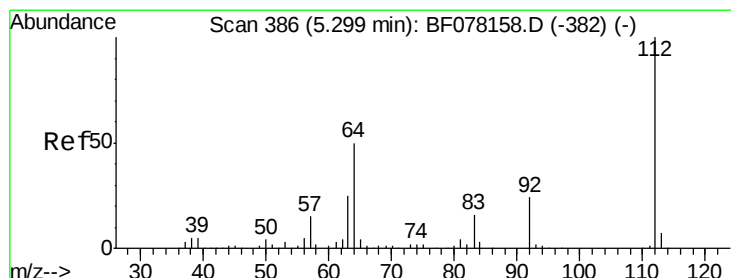
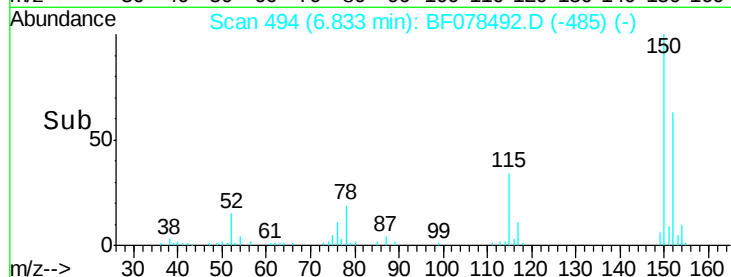
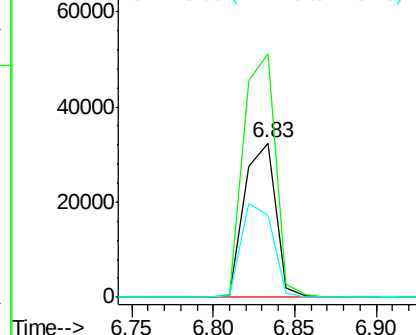
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF078492.D
 Acq: 14 Apr 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02C

Tgt Ion:152 Resp: 42970
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.9 188.9
 115 53.0 52.7 79.1

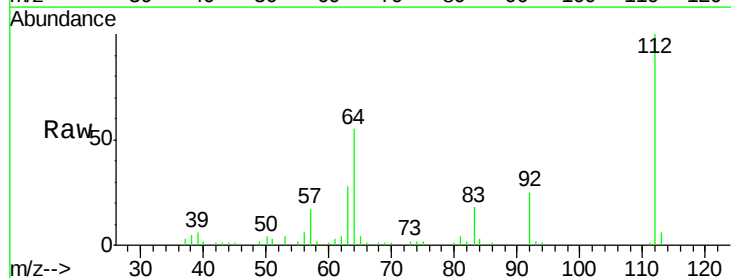


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

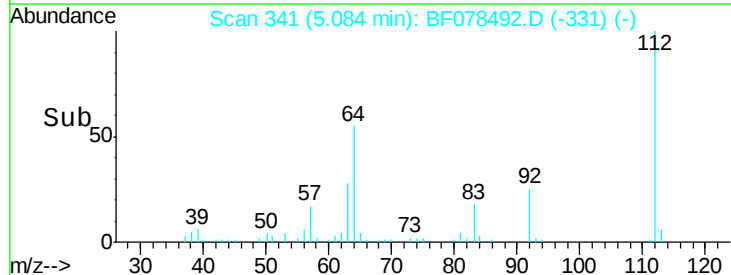
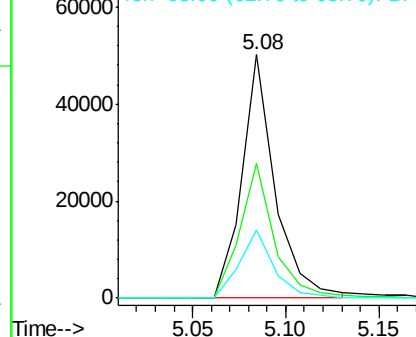


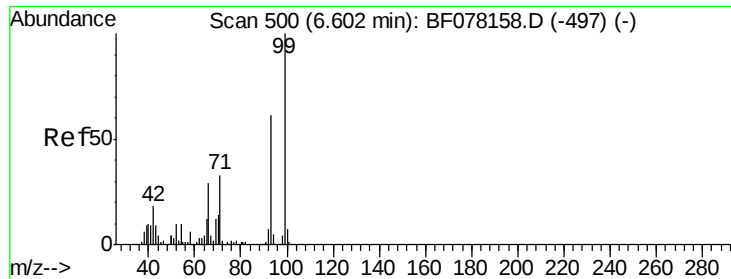
#5
 2-Fluorophenol
 Concen: 23.89 ng
 RT: 5.08 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: BF078492.D
 Acq: 14 Apr 2015 8:28

Tgt Ion:112 Resp: 62261
 Ion Ratio Lower Upper
 112 100
 64 55.2 39.9 59.9
 63 28.2 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: 24.77 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF078492.D

Acq: 14 Apr 2015 8:28

Instrument :

BNA_F

ClientSampleId :

LS-SD02C

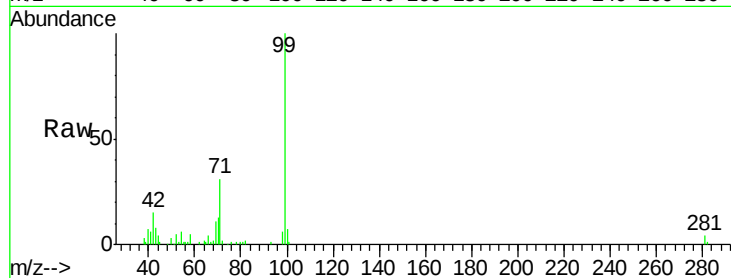
Tgt Ion: 99 Resp: 80897

Ion Ratio Lower Upper

99 100

42 15.3 14.8 22.2

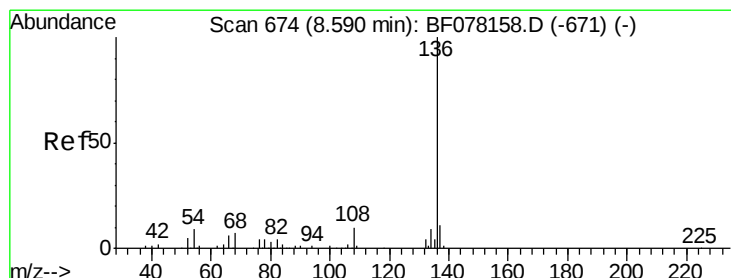
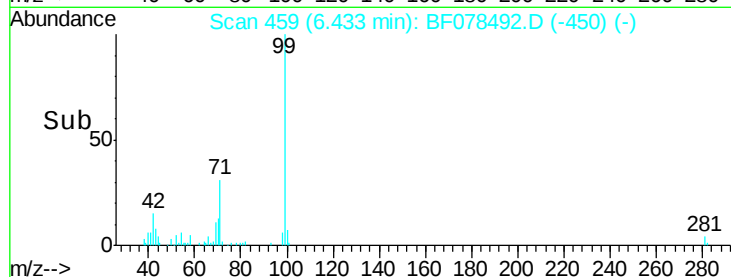
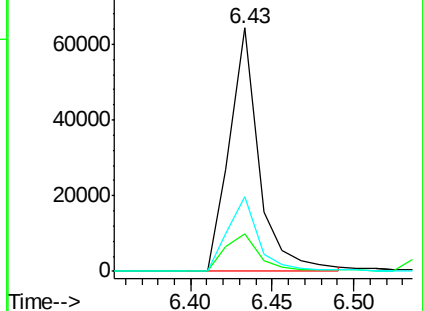
71 30.6 26.6 39.8



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. -0.01 min

Lab File: BF078492.D

Acq: 14 Apr 2015 8:28

Tgt Ion: 136 Resp: 183583

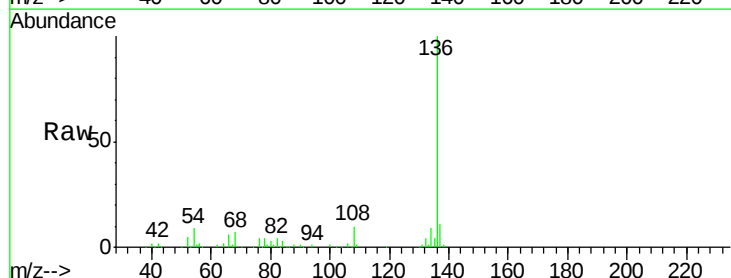
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 9.0 7.0 10.6

68 7.2 5.4 8.2

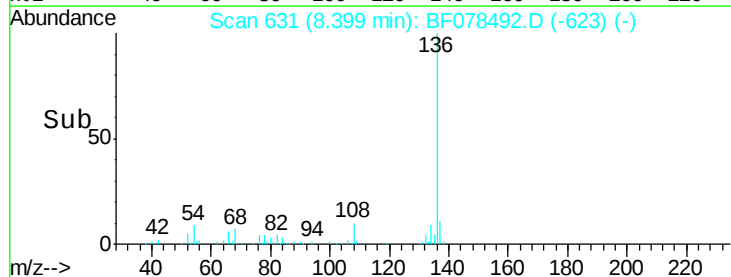
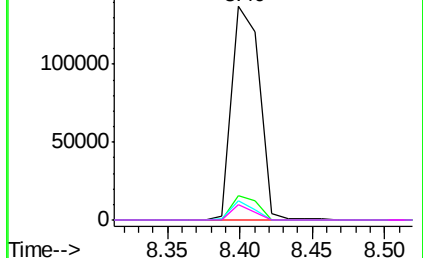


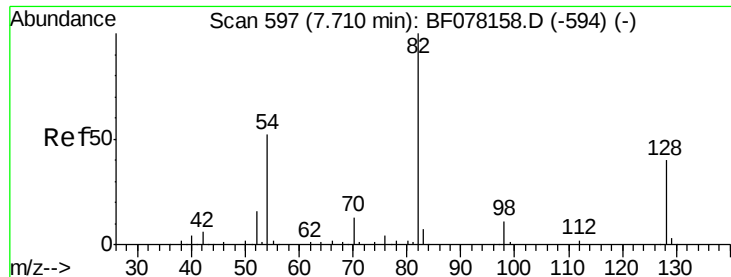
Abundance Ion 136.00 (135.70 to 136.70): E

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

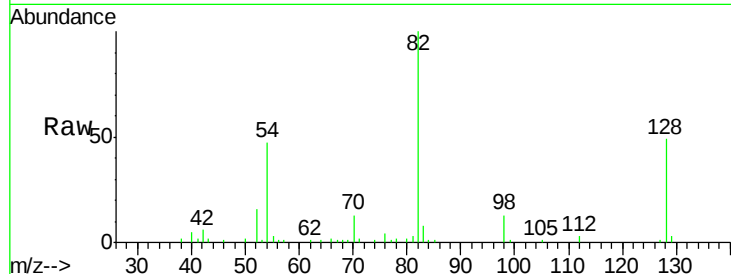




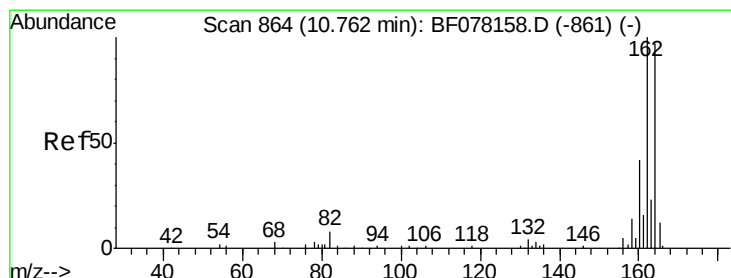
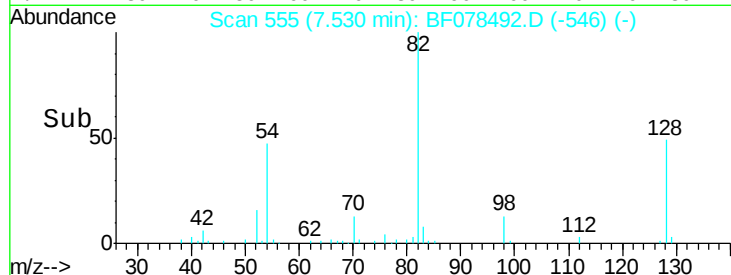
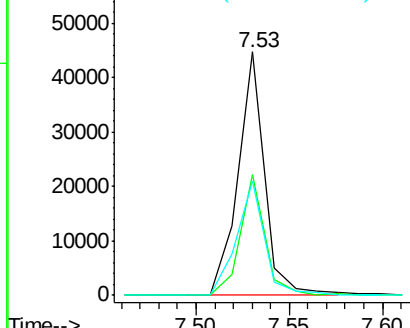
#23
 Nitrobenzene-d5
 Concen: 14.74 ng
 RT: 7.53 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF078492.D
 Acq: 14 Apr 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.5	31.8	47.8#
54	46.9	41.5	62.3

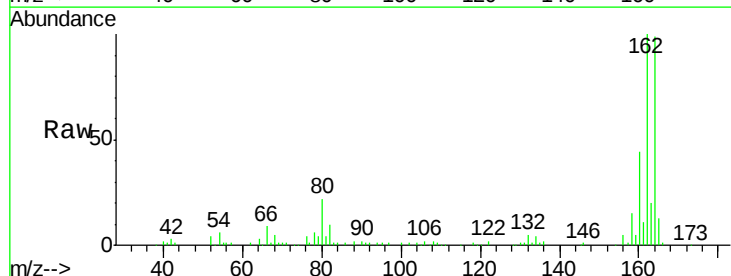


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

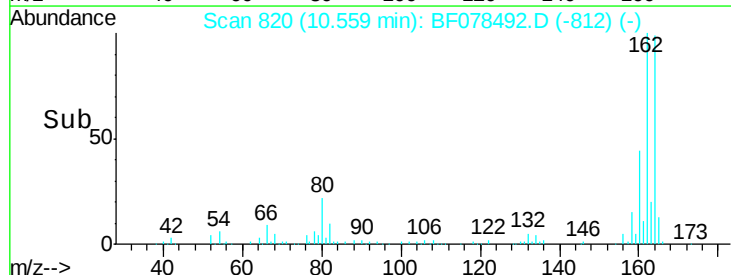
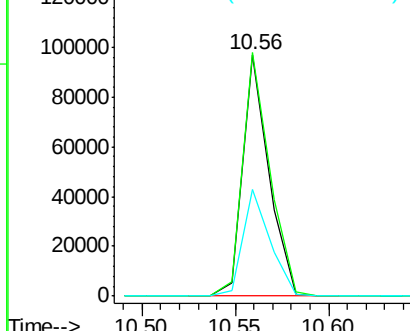


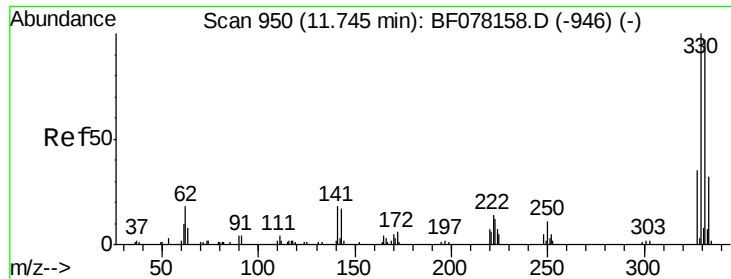
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078492.D
 Acq: 14 Apr 2015 8:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	44.1	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

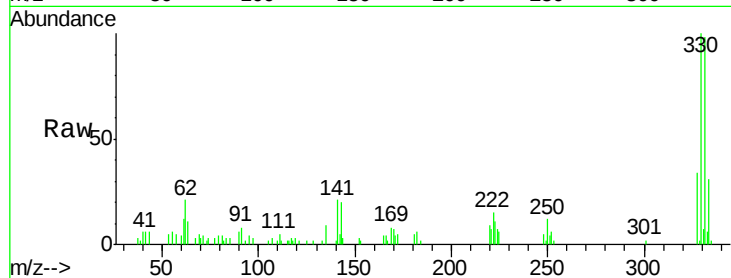




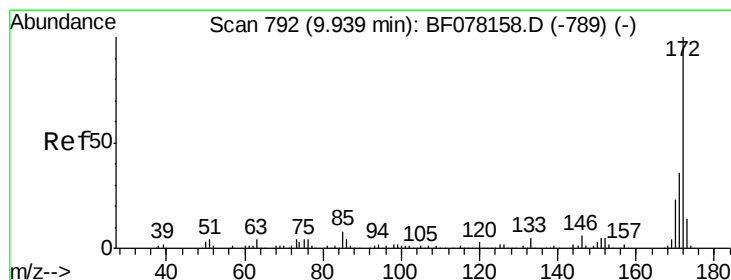
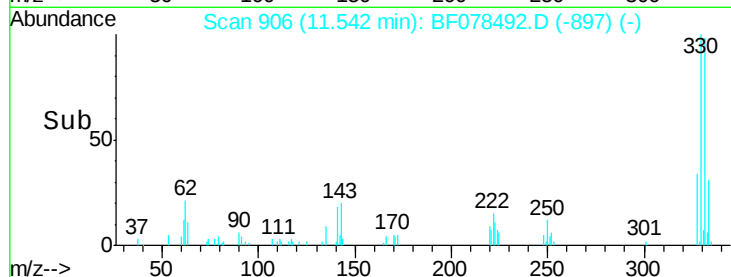
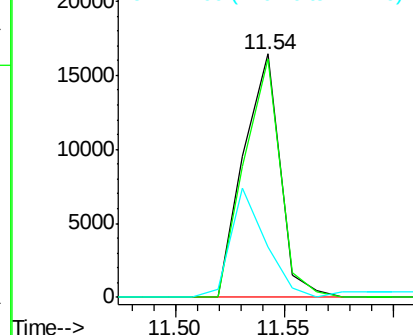
#41
 2,4,6-Tribromophenol
 Concen: 24.37 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078492.D
 Acq: 14 Apr 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02C

Tgt Ion:330 Resp: 19153
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.6 117.8
 141 42.7 31.2 46.8

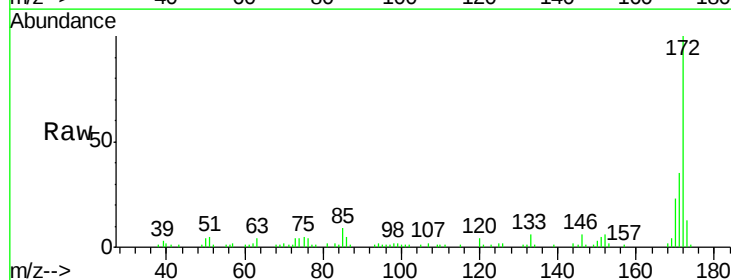


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

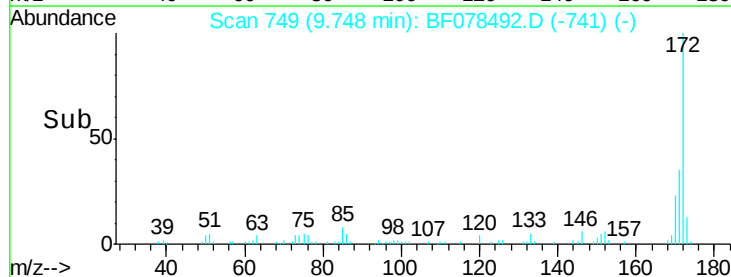
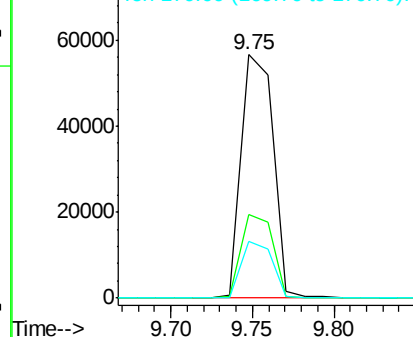


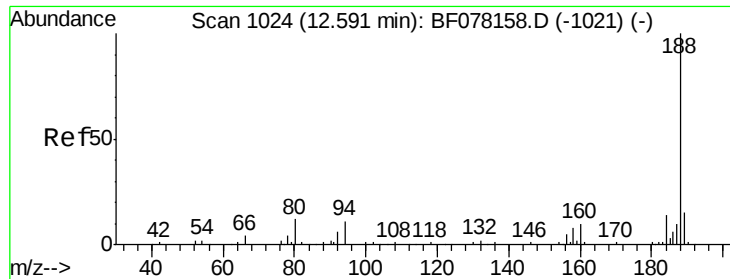
#44
 2-Fluorobiphenyl
 Concen: 11.55 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF078492.D
 Acq: 14 Apr 2015 8:28

Tgt Ion:172 Resp: 76574
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.3 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

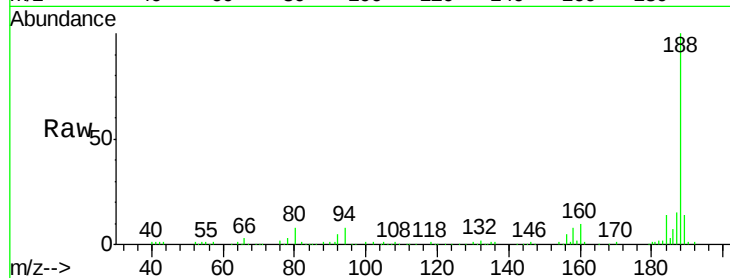




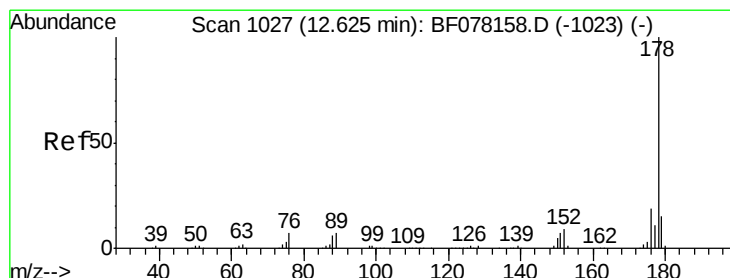
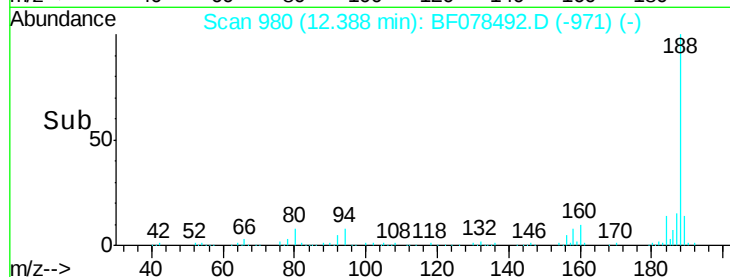
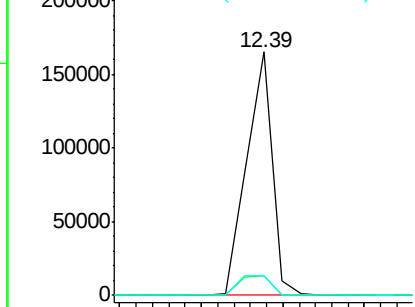
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078492.D
Acq: 14 Apr 2015 8:28

Instrument :
BNA_F
ClientSampleId :
LS-SD02C

Tgt Ion:188 Resp: 179630
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.4#
80 8.2 9.5 14.3#

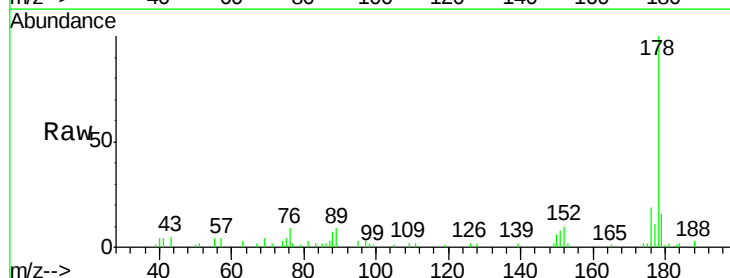


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

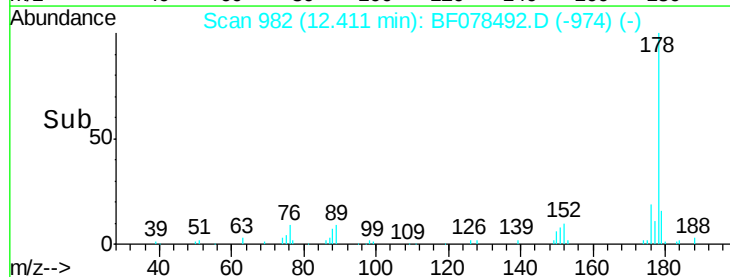
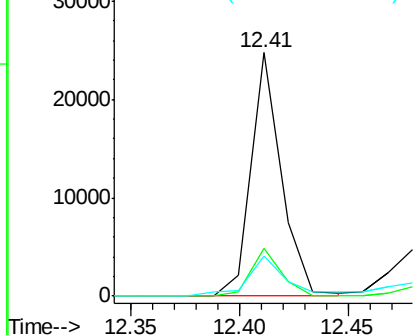


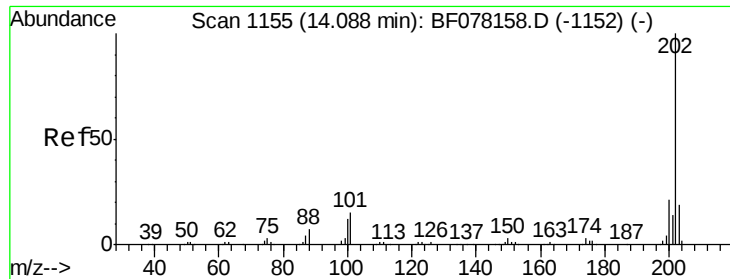
#70
Phenanthrene
Concen: 2.32 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF078492.D
Acq: 14 Apr 2015 8:28

Tgt Ion:178 Resp: 24155
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.2 12.2 18.2



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

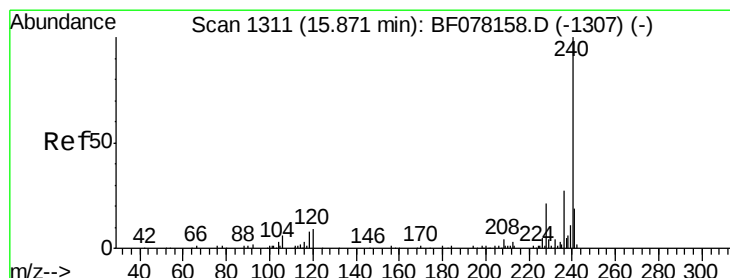
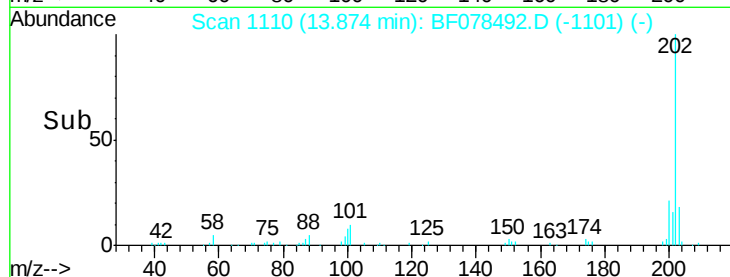
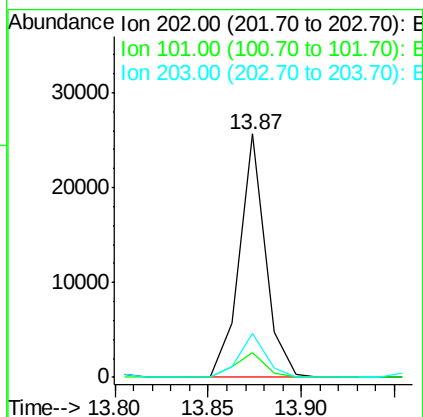
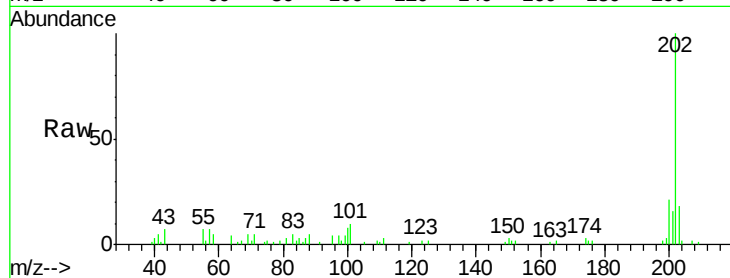




#74
 Fluoranthene
 Concen: 2.29 ng
 RT: 13.87 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF078492.D
 Acq: 14 Apr 2015 8:28

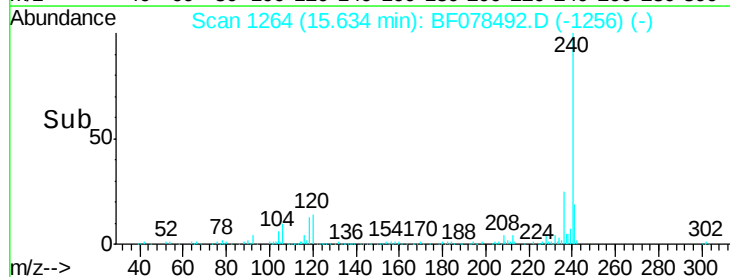
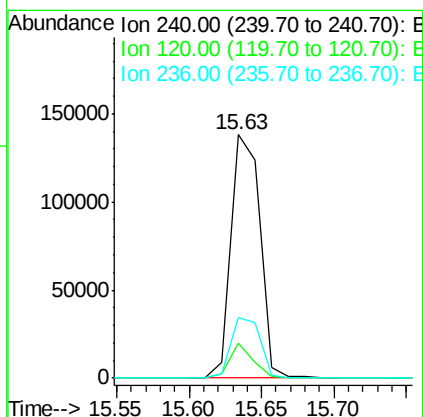
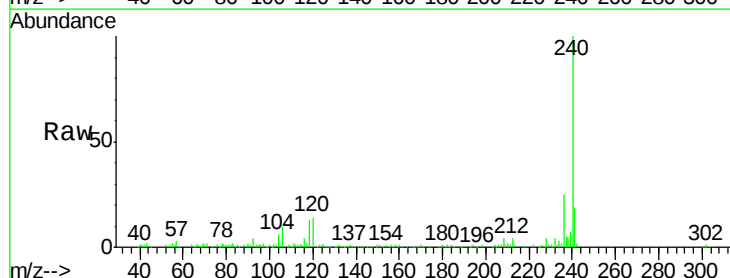
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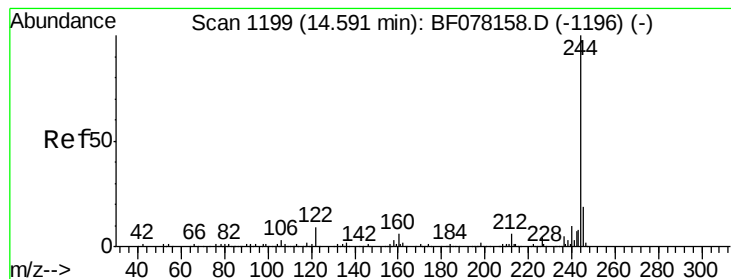
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	35.2
203	17.8	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF078492.D
 Acq: 14 Apr 2015 8:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	7.1	10.7#
236	24.7	21.4	32.2





#78

Terphenyl-d14

Concen: 9.26 ng

RT: 14.38 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF078492.D

Acq: 14 Apr 2015 8:28

Instrument :

BNA_F

ClientSampleId :

LS-SD02C

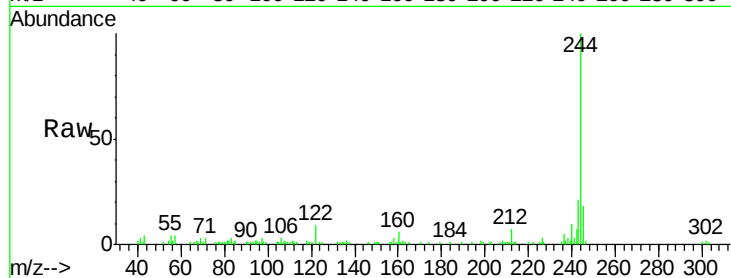
Tgt Ion:244 Resp: 78679

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

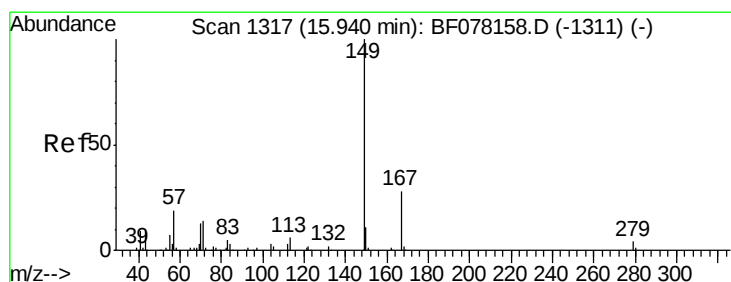
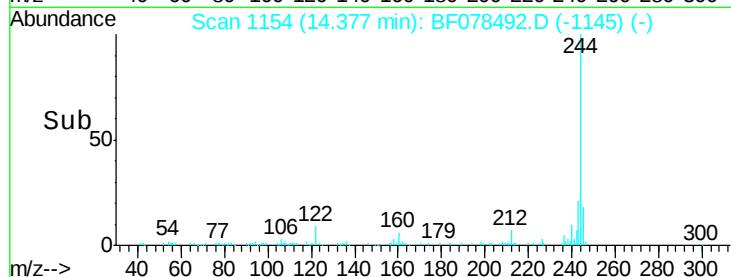
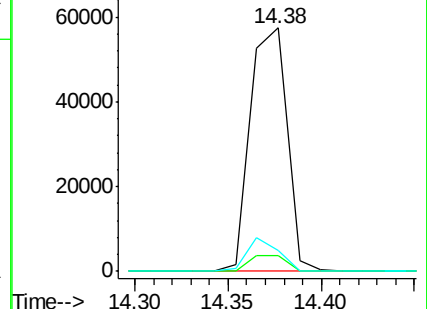
122 8.5 7.1 10.7



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: 10.63 ng

RT: 15.73 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF078492.D

Acq: 14 Apr 2015 8:28

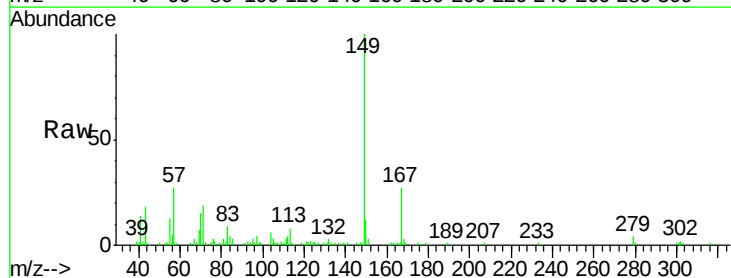
Tgt Ion:149 Resp: 76644

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

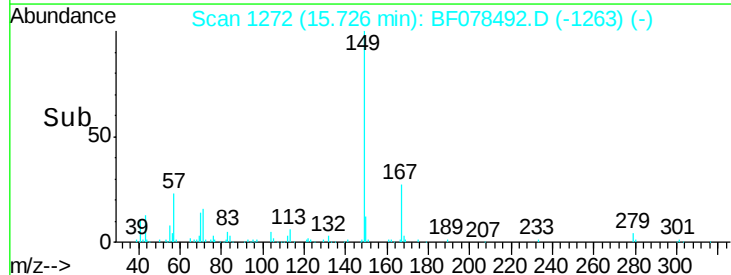
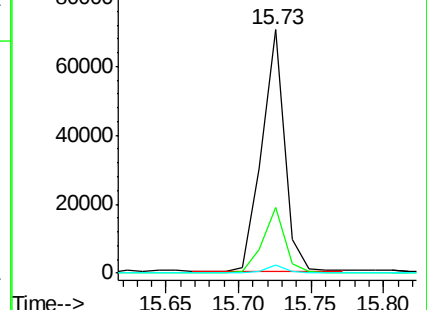
279 3.6 3.2 4.8

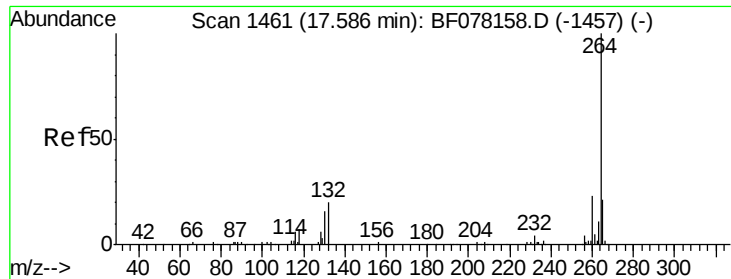


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

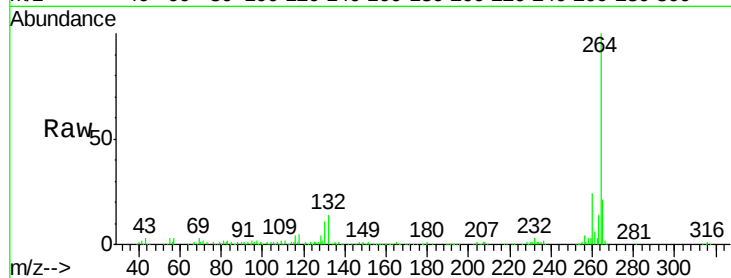




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.36 min Scan# 1415
Delta R.T. 0.07 min
Lab File: BF078492.D
Acq: 14 Apr 2015 8:28

Instrument :
BNA_F
ClientSampleId :
LS-SD02C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.4	17.0	25.6



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

