

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078598.D
 Acq On : 17 Apr 2015 9:38
 Operator : TP/IZ
 Sample : G1868-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-28

Quant Time: Apr 17 13:38:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 13:18:59 2015
 Response via : Initial Calibration

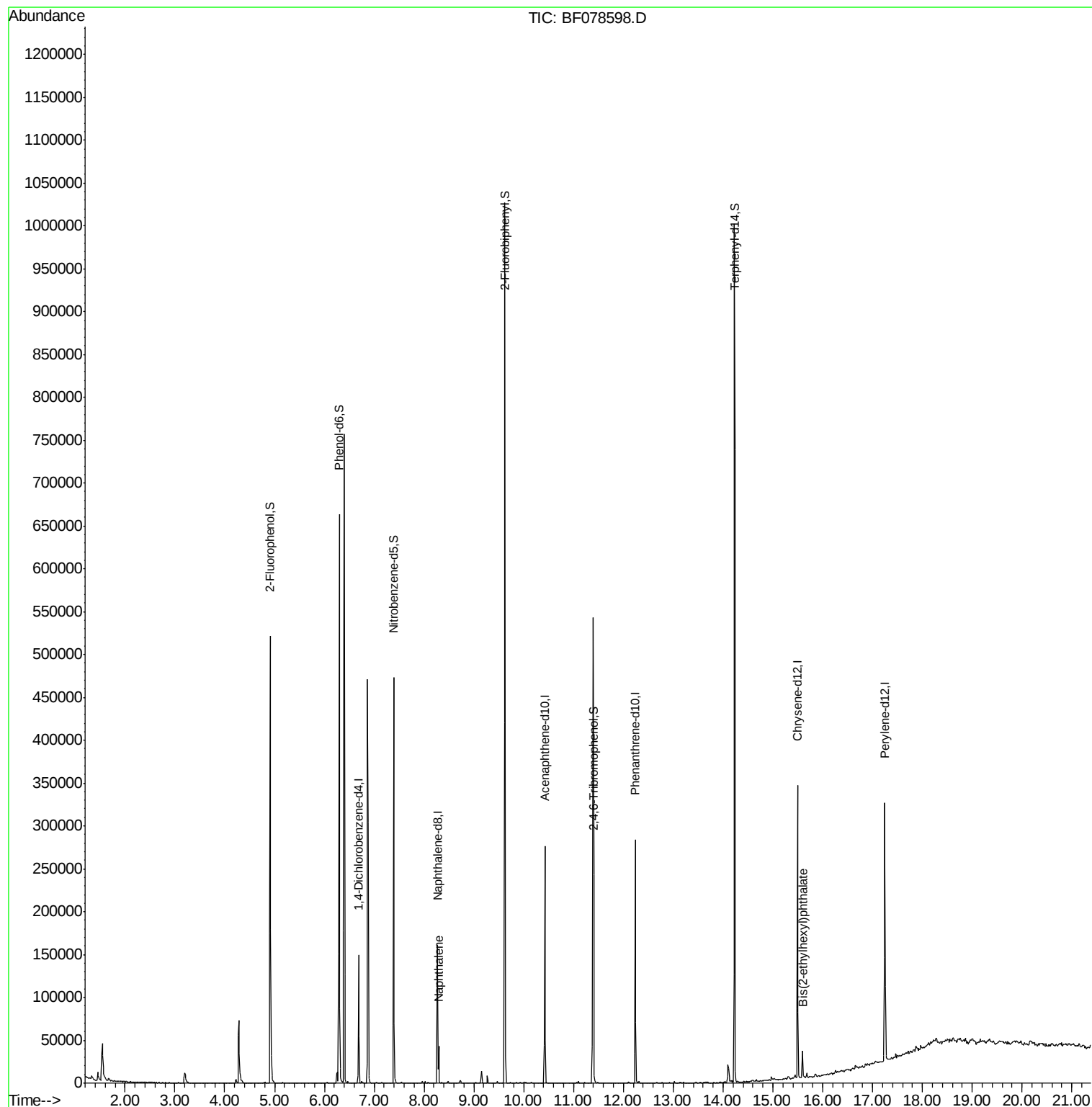
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	26380	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	108133	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	56664	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	112327	20.00	ng	0.00
75) Chrysene-d12	15.50	240	132861	20.00	ng	0.00
86) Perylene-d12	17.25	264	133750	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	194055	121.29	ng	0.00
7) Phenol-d6	6.30	99	241896	120.64	ng	0.00
23) Nitrobenzene-d5	7.39	82	148581	83.29	ng	0.00
41) 2,4,6-Tribromophenol	11.41	330	70528	150.08	ng	0.01
44) 2-Fluorobiphenyl	9.62	172	359109	90.59	ng	0.00
78) Terphenyl-d14	14.23	244	461979	78.57	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	20976	3.73	ng	99
83) Bis(2-ethylhexyl)phthalate	15.60	149	14545	2.92	ng	99

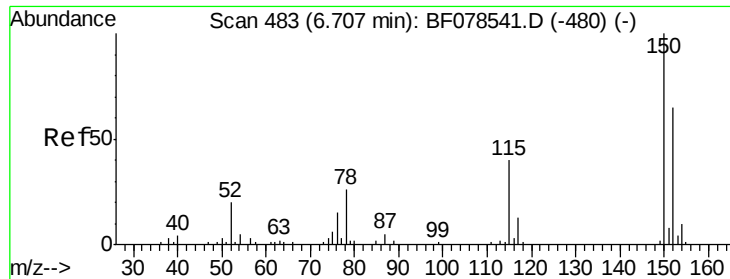
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF078598.D

Acq: 17 Apr 2015 9:38

Instrument :

BNA_F

ClientSampleId :

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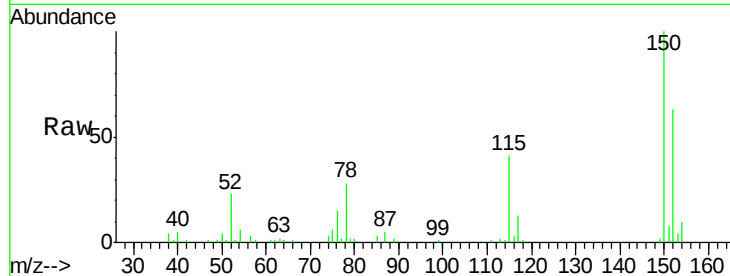
Tgt Ion:152 Resp: 26380

Ion Ratio Lower Upper

152 100

150 158.7 125.9 188.9

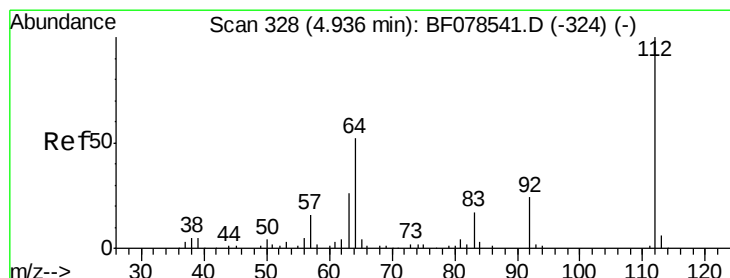
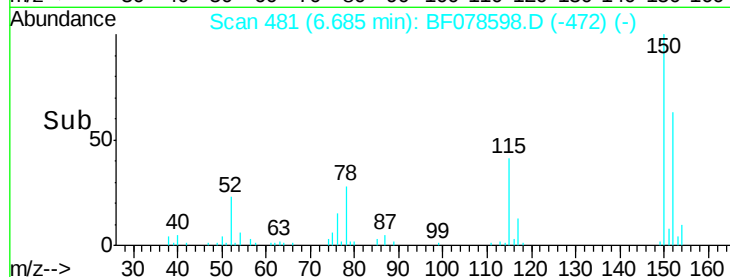
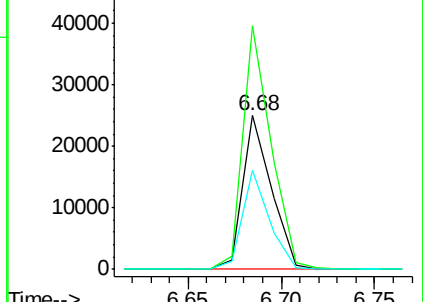
115 64.4 52.7 79.1



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: 121.29 ng

RT: 4.91 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF078598.D

Acq: 17 Apr 2015 9:38

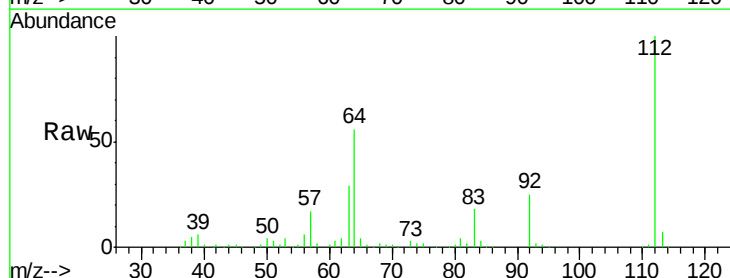
Tgt Ion:112 Resp: 194055

Ion Ratio Lower Upper

112 100

64 56.2 39.9 59.9

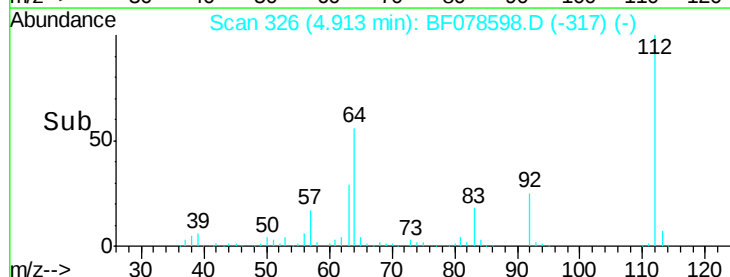
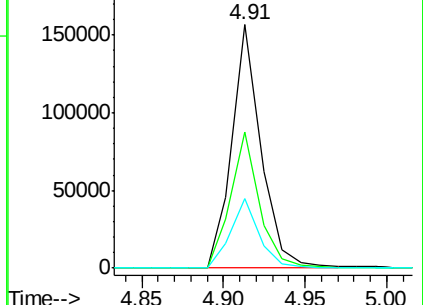
63 28.7 20.2 30.4

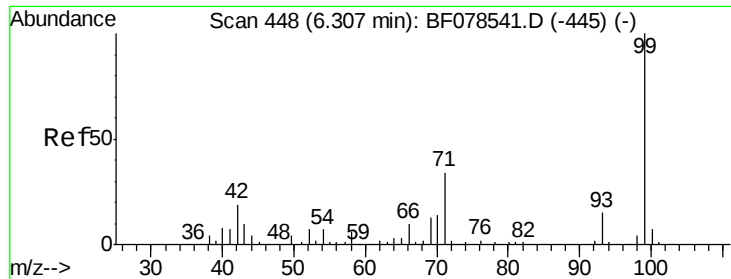


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.64 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078598.D

Acq: 17 Apr 2015 9:38

Instrument :

BNA_F

ClientSampleId :

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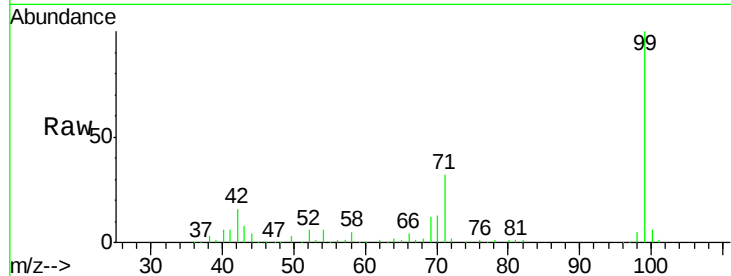
Tgt Ion: 99 Resp: 241896

Ion Ratio Lower Upper

99 100

42 16.2 14.8 22.2

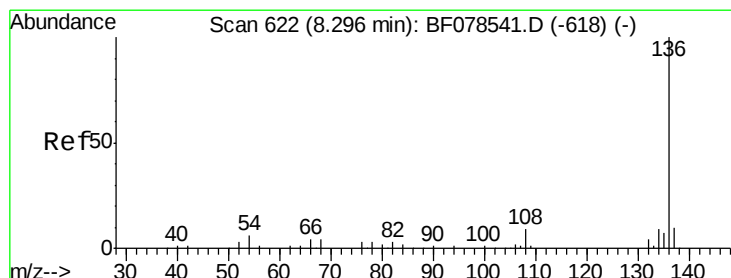
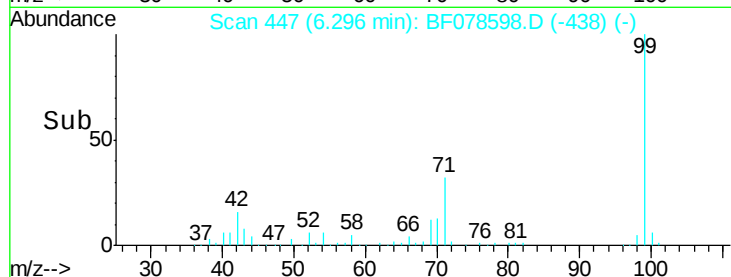
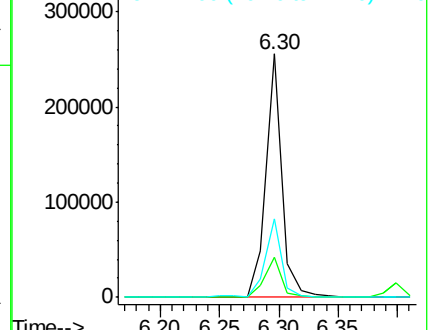
71 32.5 26.6 39.8



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: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF078598.D

Acq: 17 Apr 2015 9:38

Tgt Ion: 136 Resp: 108133

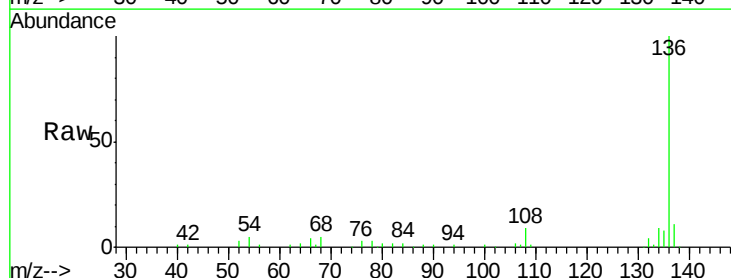
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.3 7.0 10.6#

68 4.7 5.4 8.2#

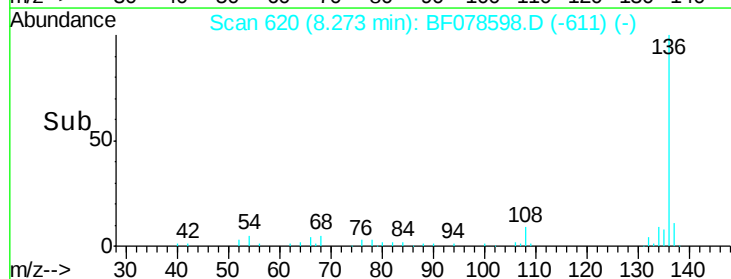
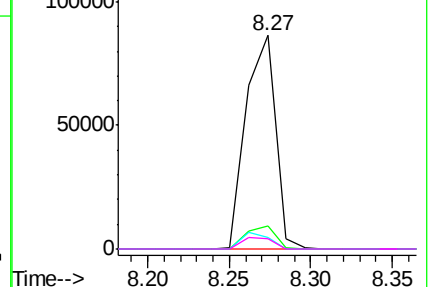


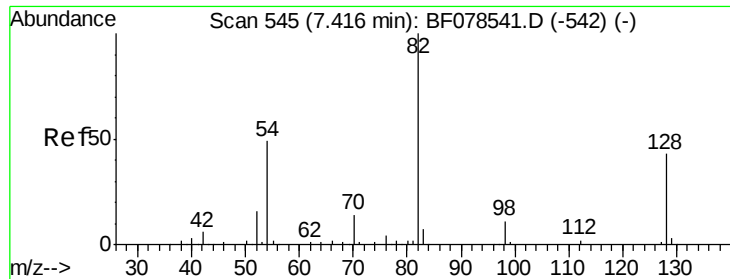
Abundance Ion 136.00 (135.70 to 136.70): E

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

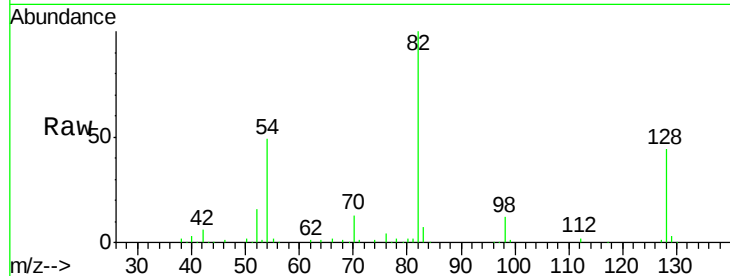




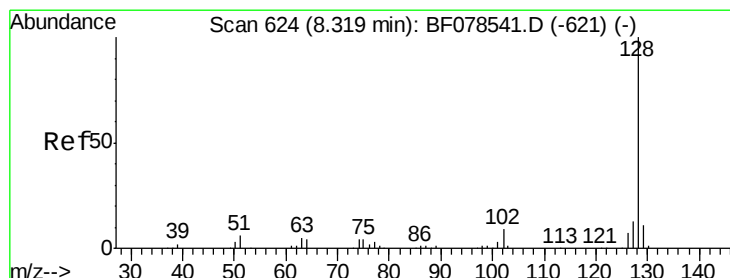
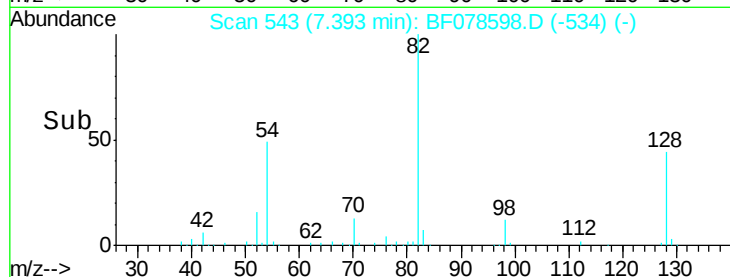
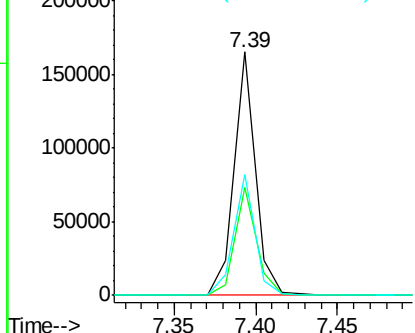
#23
Nitrobenzene-d5
Concen: 83.29 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF078598.D
Acq: 17 Apr 2015 9:38

Instrument :
BNA_F
ClientSampleId :
P5-28

Tgt Ion: 82 Resp: 148581
Ion Ratio Lower Upper
82 100
128 44.1 31.8 47.8
54 49.4 41.5 62.3

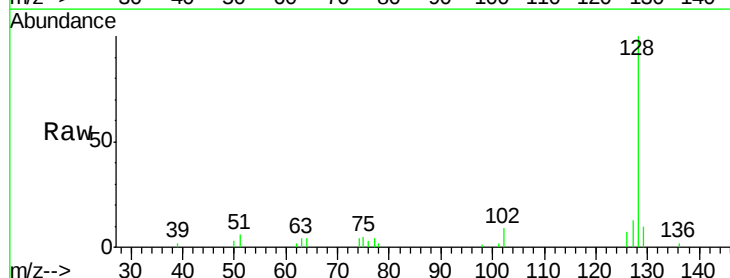


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

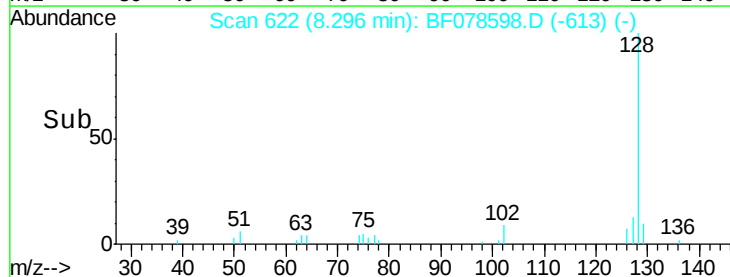
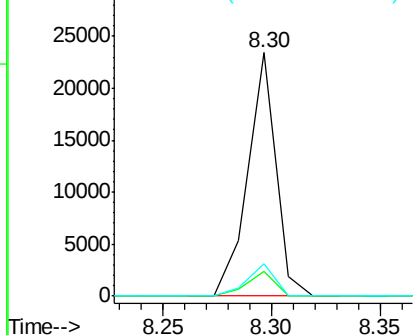


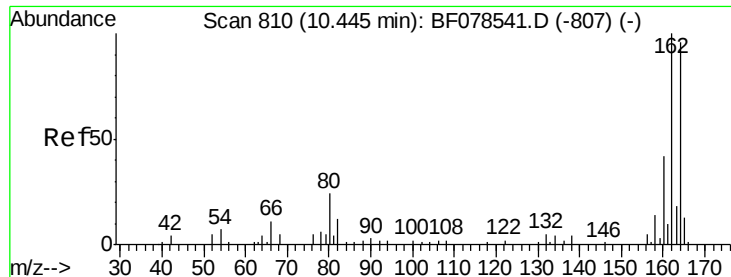
#31
Naphthalene
Concen: 3.73 ng
RT: 8.30 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF078598.D
Acq: 17 Apr 2015 9:38

Tgt Ion: 128 Resp: 20976
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 13.3 10.7 16.1



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

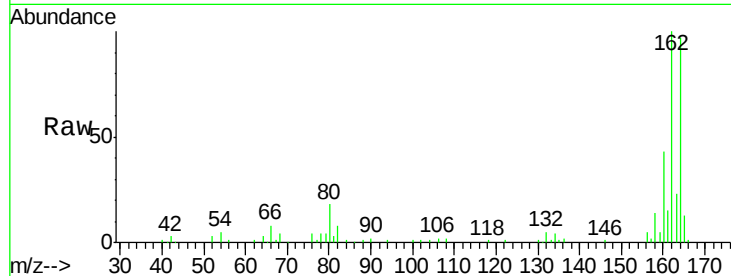




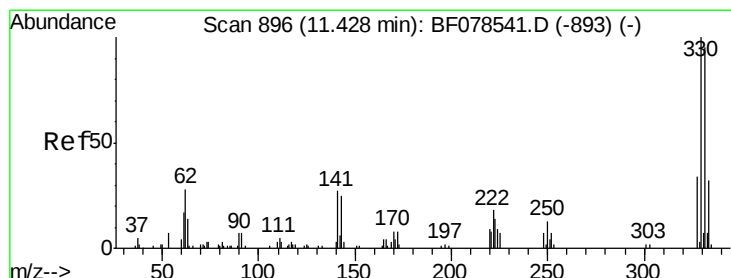
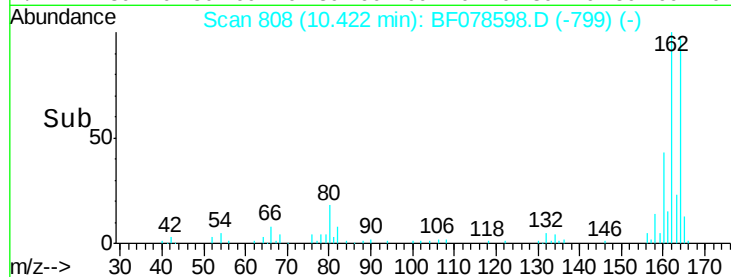
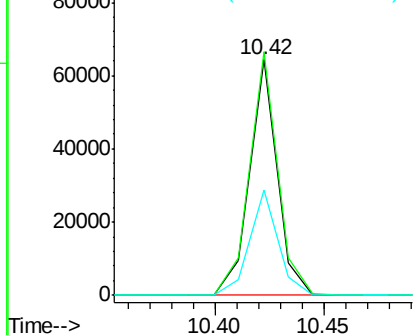
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078598.D
 Acq: 17 Apr 2015 9:38

Instrument :
 BNA_F
 ClientSampleId :
 P5-28

Tgt Ion:164 Resp: 56664
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.2 123.2
 160 44.8 34.7 52.1

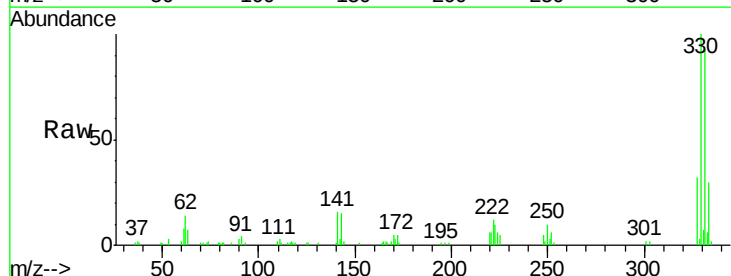


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

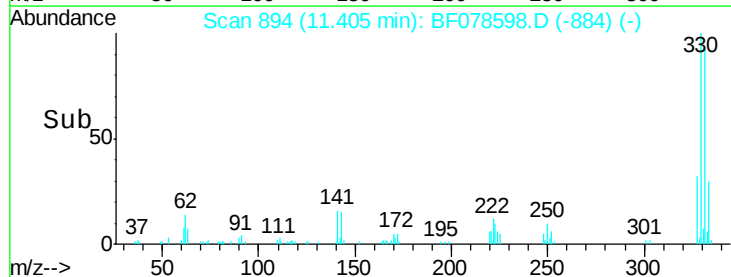
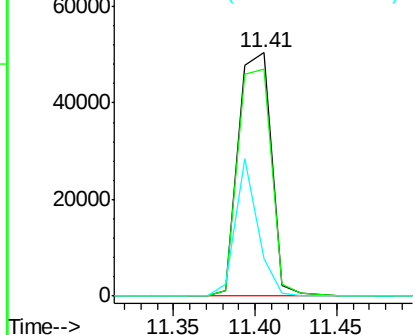


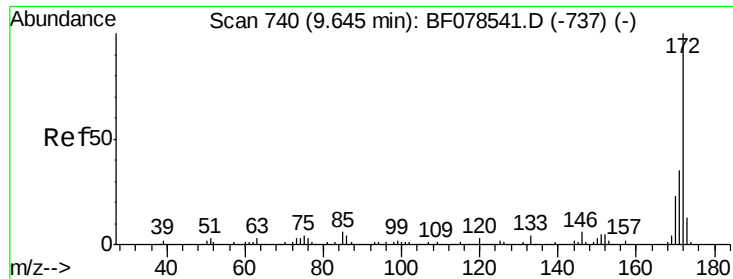
#41
 2,4,6-Tribromophenol
 Concen: 150.08 ng
 RT: 11.41 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF078598.D
 Acq: 17 Apr 2015 9:38

Tgt Ion:330 Resp: 70528
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.6 117.8
 141 38.2 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

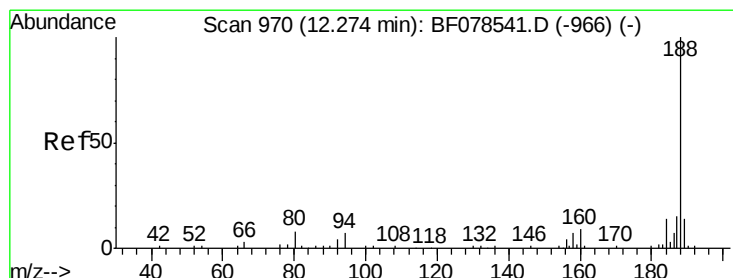
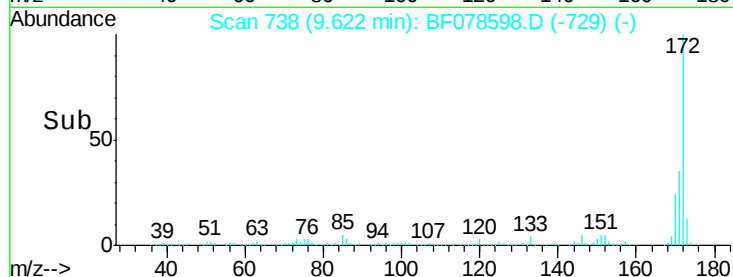
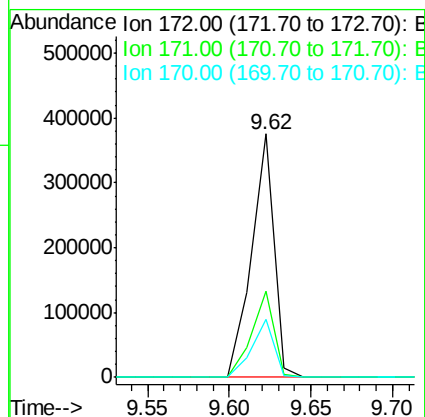
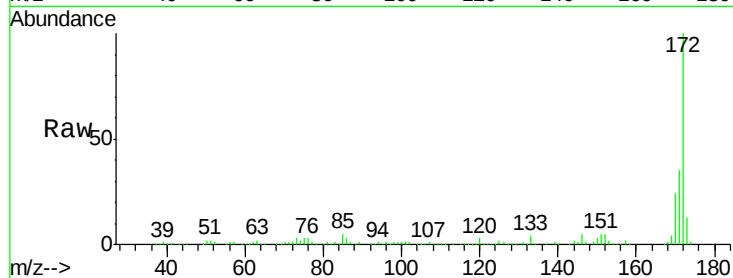




#44
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078598.D
 Acq: 17 Apr 2015 9:38

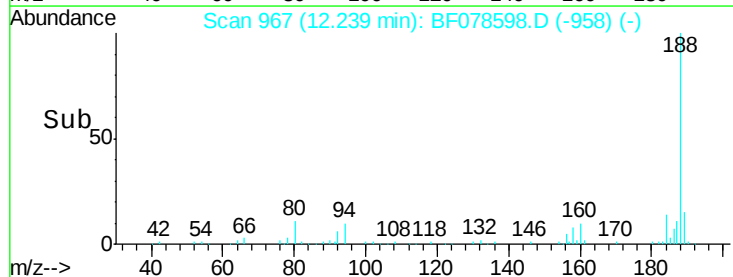
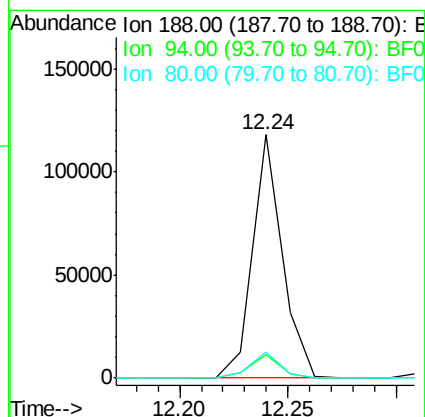
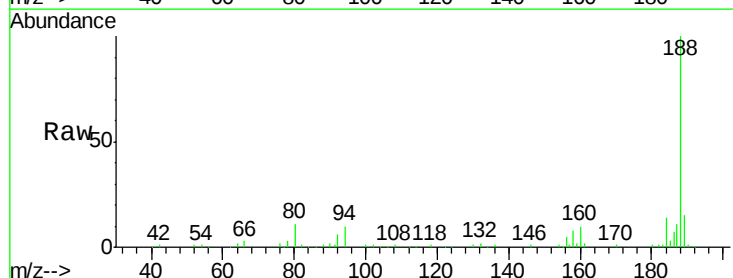
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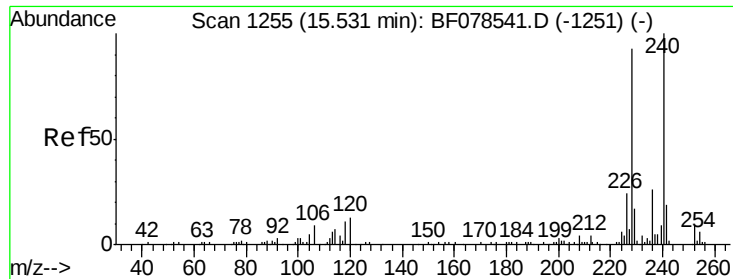
Tgt Ion:172 Resp: 359109
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.8 18.5 27.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF078598.D
 Acq: 17 Apr 2015 9:38

Tgt Ion:188 Resp: 112327
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.0 13.4
 80 10.8 9.5 14.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BF078598.D

Acq: 17 Apr 2015 9:38

Instrument :

BNA_F

ClientSampleId :

P5-28

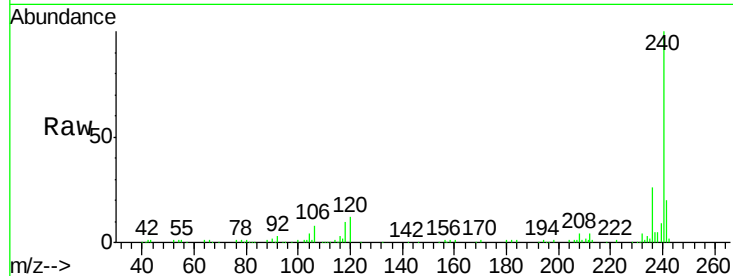
Tgt Ion:240 Resp: 132861

Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

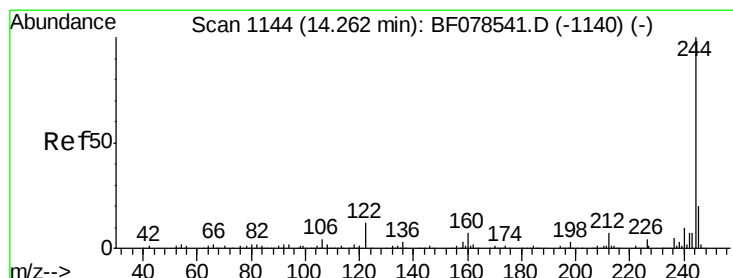
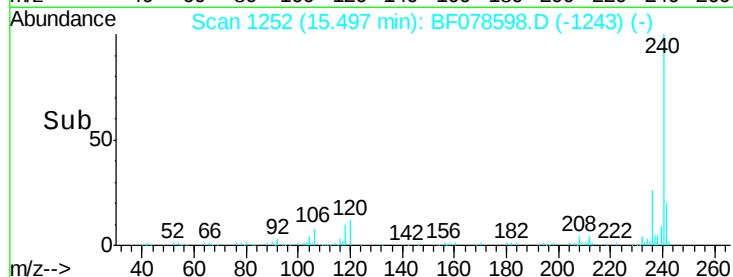
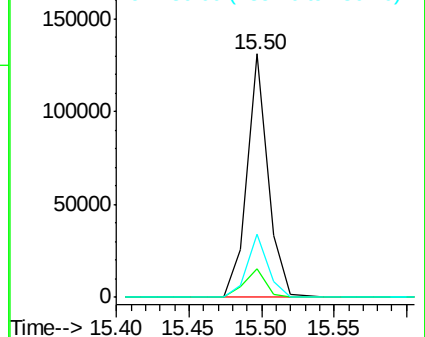
236 25.9 21.4 32.2



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: 78.57 ng

RT: 14.23 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF078598.D

Acq: 17 Apr 2015 9:38

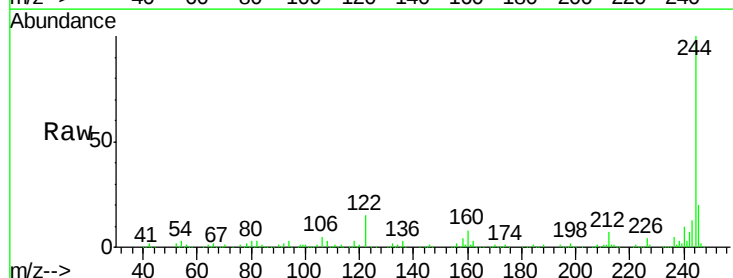
Tgt Ion:244 Resp: 461979

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

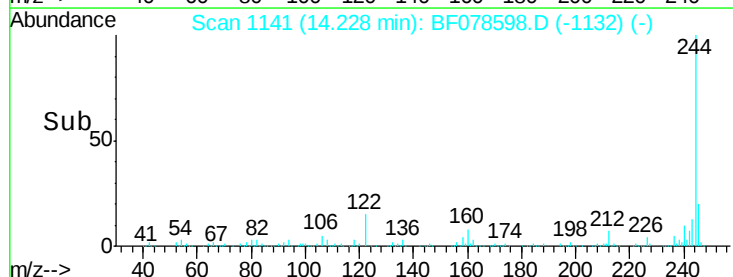
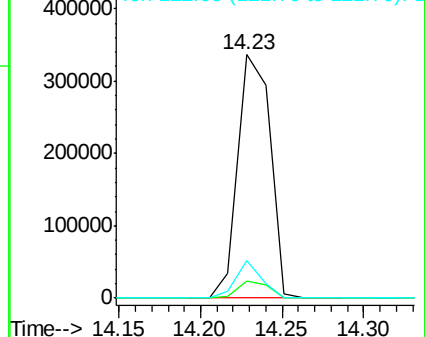
122 15.2 7.1 10.7#

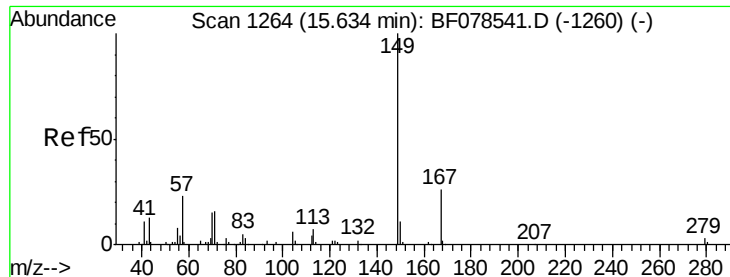


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

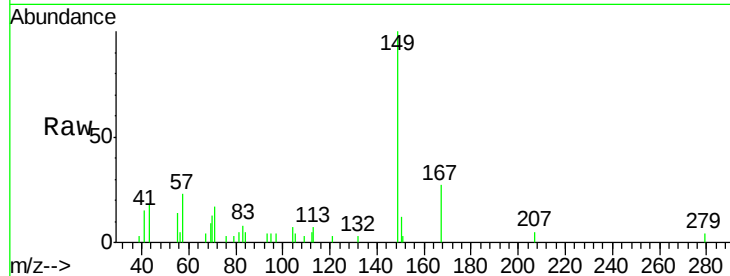




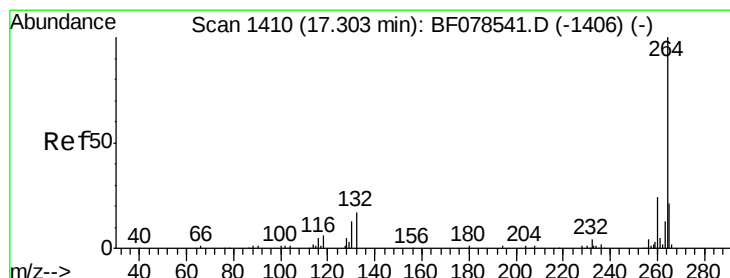
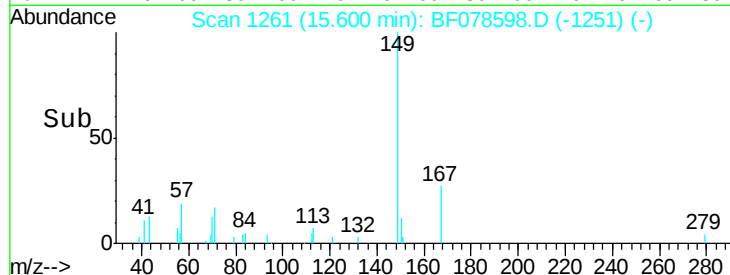
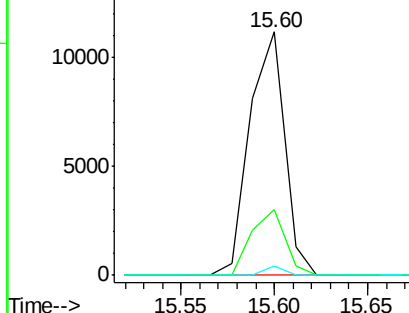
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.92 ng
 RT: 15.60 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BF078598.D
 Acq: 17 Apr 2015 9:38

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Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	4.1	3.2	4.8

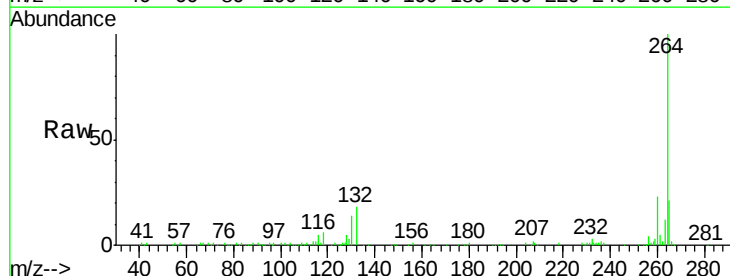


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.25 min Scan# 1405
 Delta R.T. 0.11 min
 Lab File: BF078598.D
 Acq: 17 Apr 2015 9:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	20.9	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

