

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078297.D
 Acq On : 7 Apr 2015 14:46
 Operator : TP/IZ
 Sample : PB82554BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BL

Quant Time: Apr 08 01:16:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

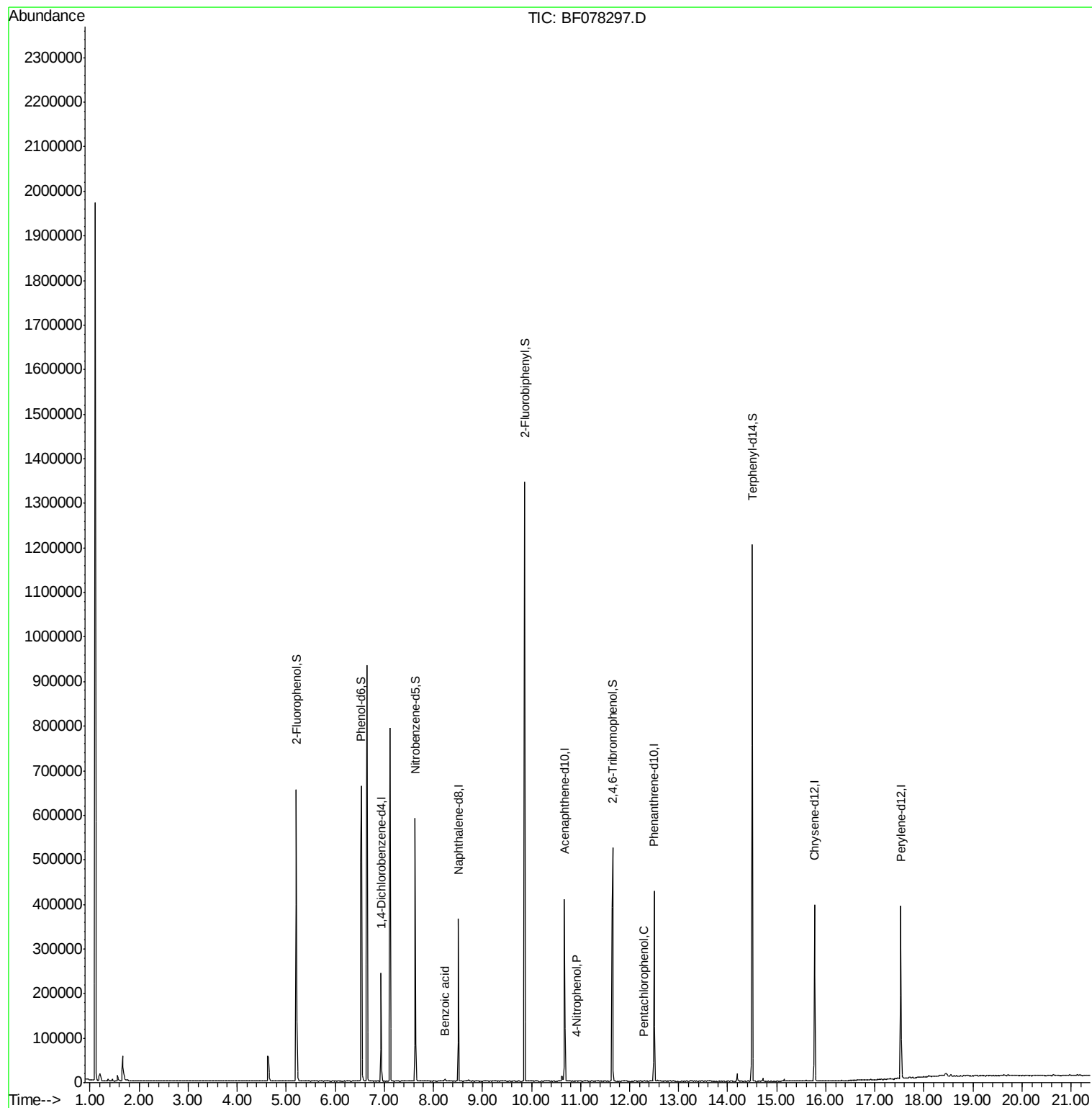
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	39979	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	168589	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	84585	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	170595	20.00	ng	0.00
75) Chrysene-d12	15.77	240	186341	20.00	ng	-0.01
86) Perylene-d12	17.53	264	179125	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	253638	104.60	ng	0.01
7) Phenol-d6	6.53	99	323047	106.31	ng	0.00
23) Nitrobenzene-d5	7.63	82	184319	66.27	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	81095	115.60	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	407850	68.92	ng	0.00
78) Terphenyl-d14	14.50	244	511782	62.06	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.22	122	963	6.49	ng	87
55) 4-Nitrophenol	10.92	139	515	3.22	ng	# 18
69) Pentachlorophenol	12.28	266	360	8.13	ng	# 19

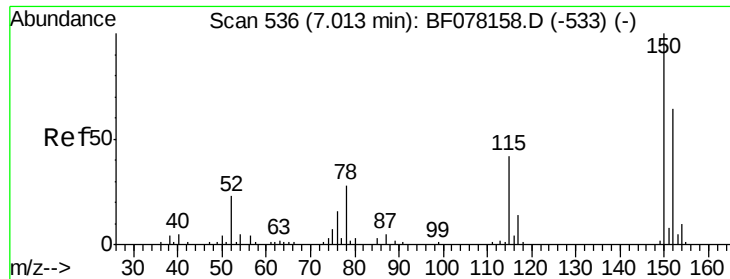
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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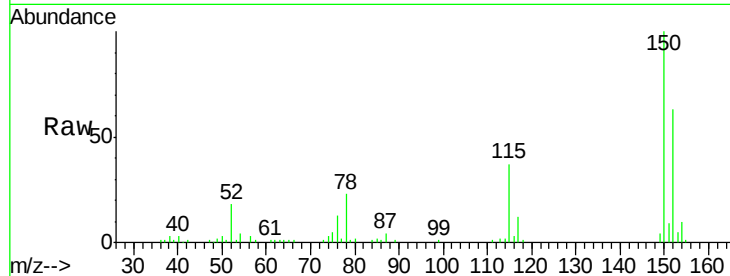


#1

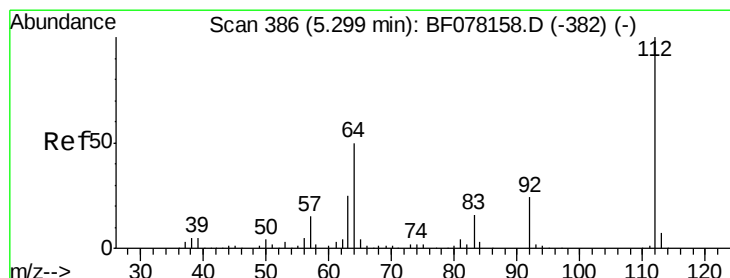
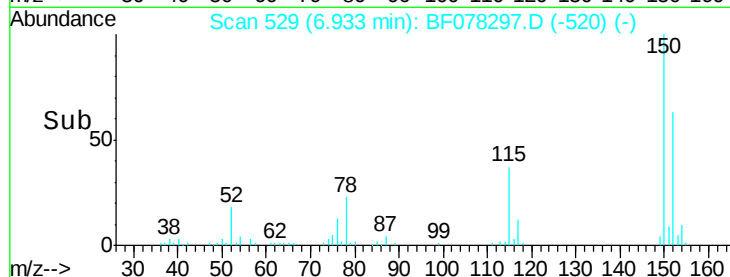
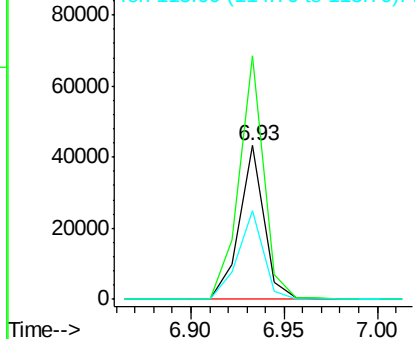
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF078297.D
 Acq: 7 Apr 2015 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82554BL

Tgt Ion:152 Resp: 39979
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.9 188.9
 115 57.9 52.7 79.1



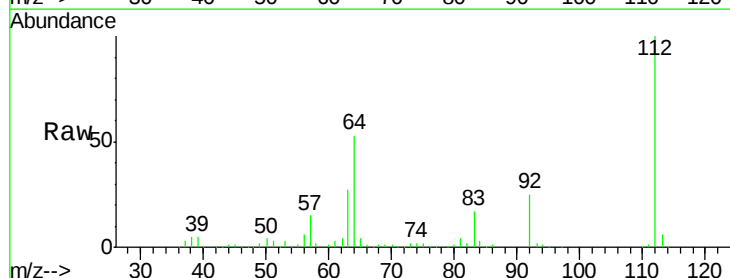
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



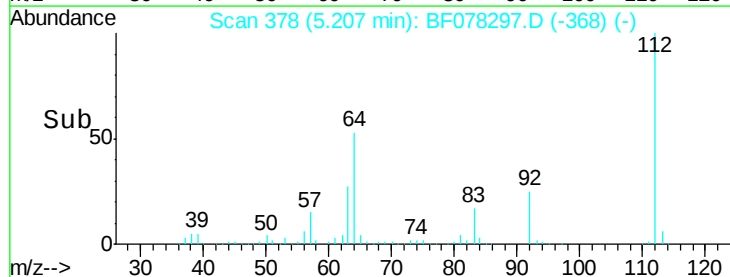
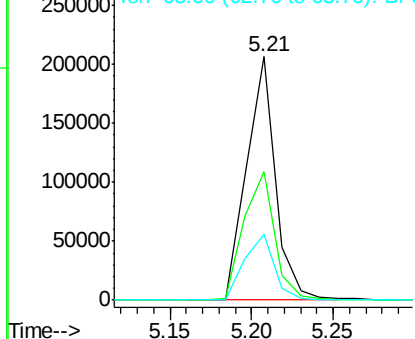
#5

2-Fluorophenol
 Concen: 104.60 ng
 RT: 5.21 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: BF078297.D
 Acq: 7 Apr 2015 14:46

Tgt Ion:112 Resp: 253638
 Ion Ratio Lower Upper
 112 100
 64 52.6 39.9 59.9
 63 27.0 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: 106.31 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078297.D

Acq: 7 Apr 2015 14:46

Instrument :

BNA_F

ClientSampleId :

PB82554BL

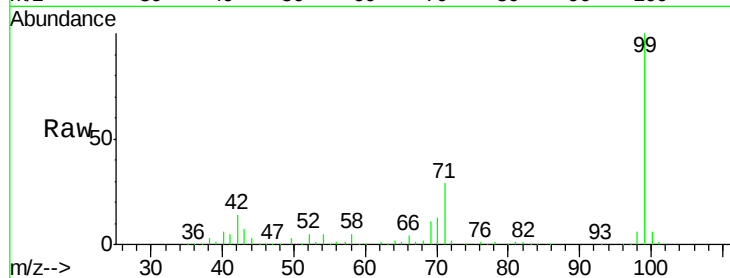
Tgt Ion: 99 Resp: 323047

Ion Ratio Lower Upper

99 100

42 13.5 14.8 22.2#

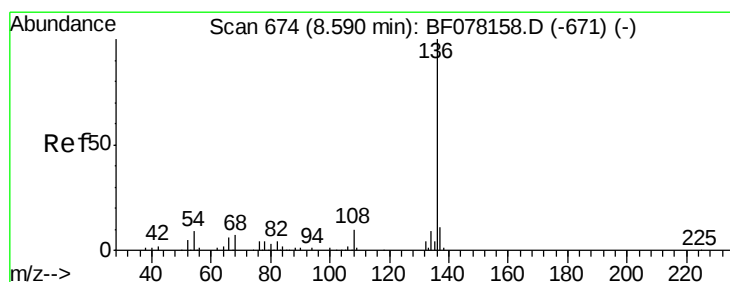
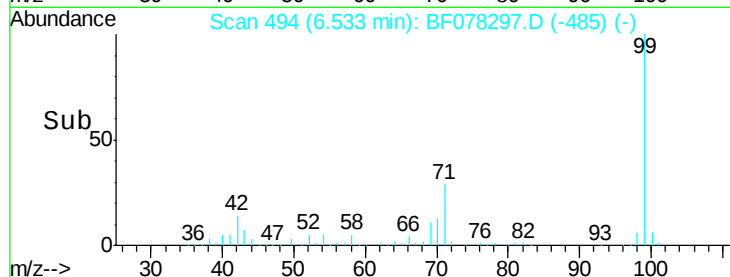
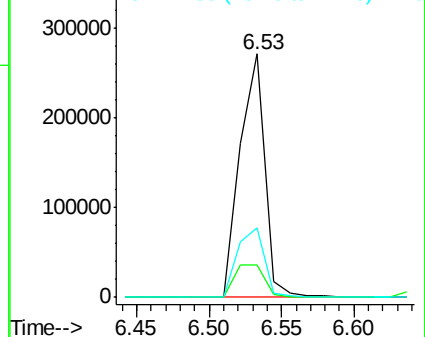
71 28.8 26.6 39.8



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: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078297.D

Acq: 7 Apr 2015 14:46

Tgt Ion: 136 Resp: 168589

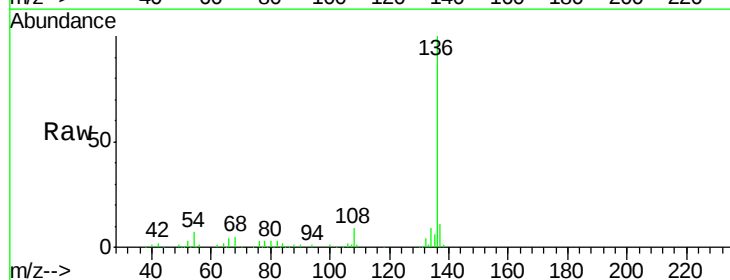
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.8 7.0 10.6#

68 5.3 5.4 8.2#

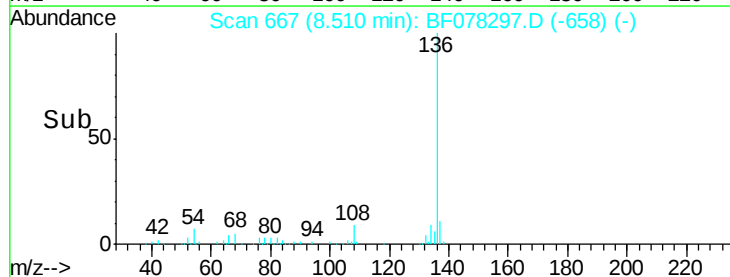
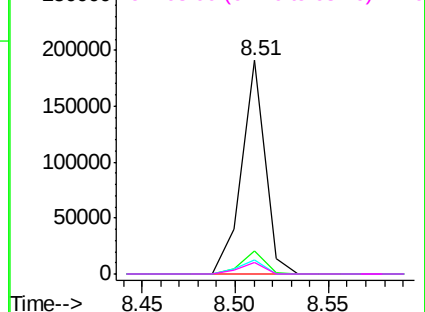


Abundance Ion 136.00 (135.70 to 136.70): E

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

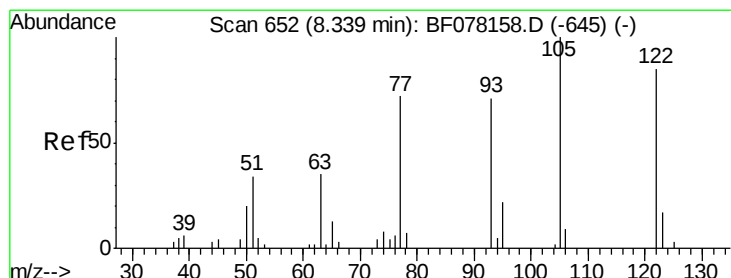
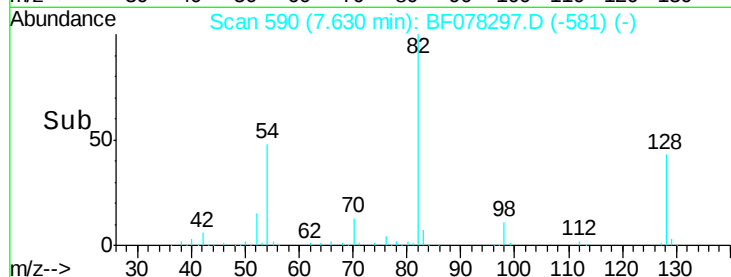
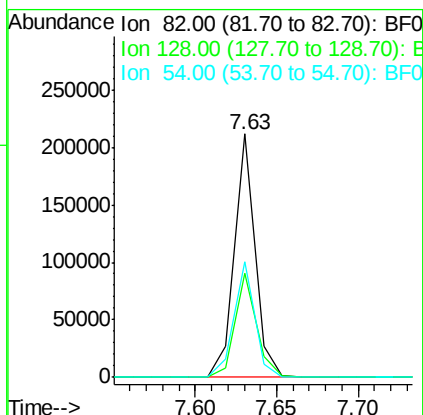
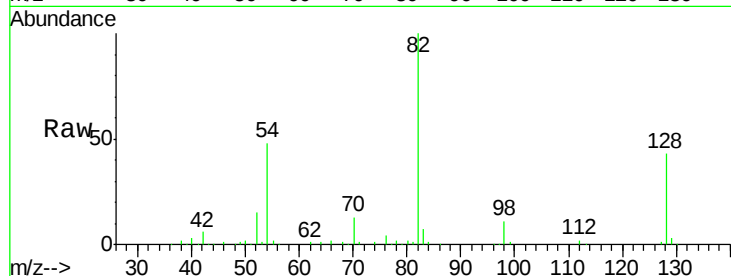




#23
 Nitrobenzene-d5
 Concen: 66.27 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078297.D
 Acq: 7 Apr 2015 14:46

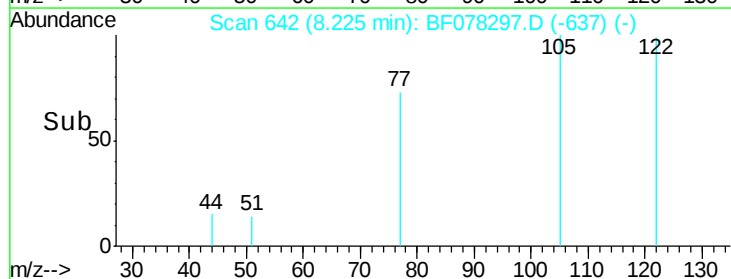
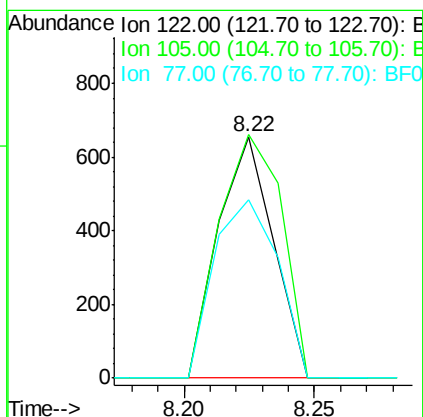
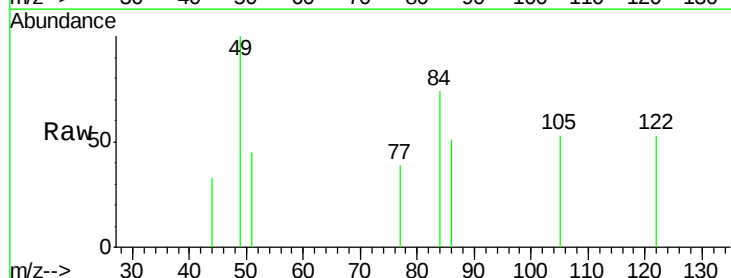
Instrument :
 BNA_F
 ClientSampleId :
 PB82554BL

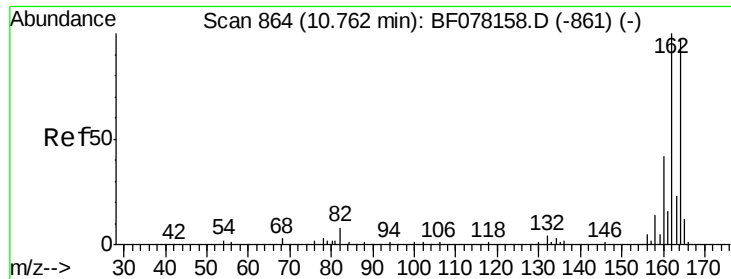
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.8	47.8
54	47.7	41.5	62.3



#32
 Benzoic acid
 Concen: 6.49 ng
 RT: 8.22 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF078297.D
 Acq: 7 Apr 2015 14:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	100.9	96.1	136.1
77	73.9	64.1	104.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF078297.D

Acq: 7 Apr 2015 14:46

Instrument :

BNA_F

ClientSampleId :

PB82554BL

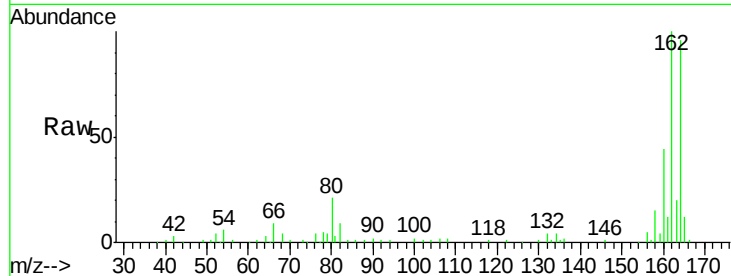
Tgt Ion:164 Resp: 84585

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.2

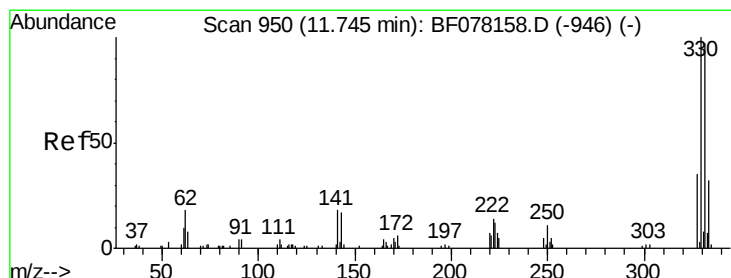
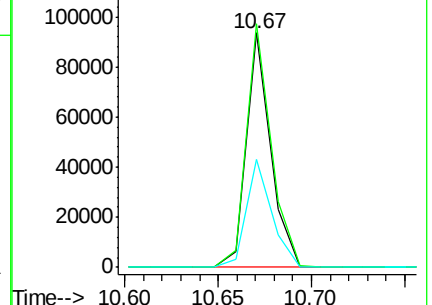
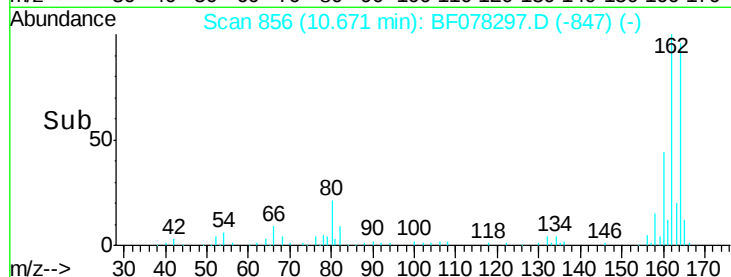
160 45.9 34.7 52.1



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: 115.60 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF078297.D

Acq: 7 Apr 2015 14:46

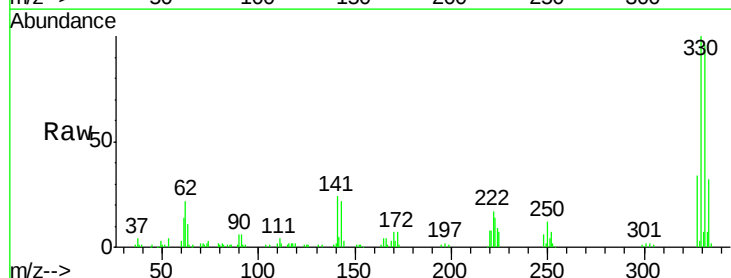
Tgt Ion:330 Resp: 81095

Ion Ratio Lower Upper

330 100

332 96.2 78.6 117.8

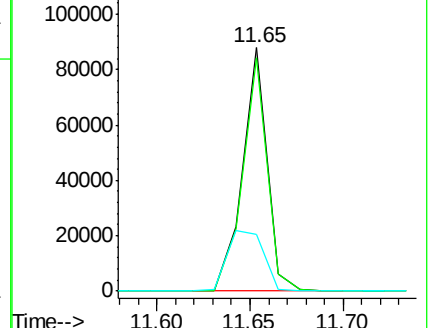
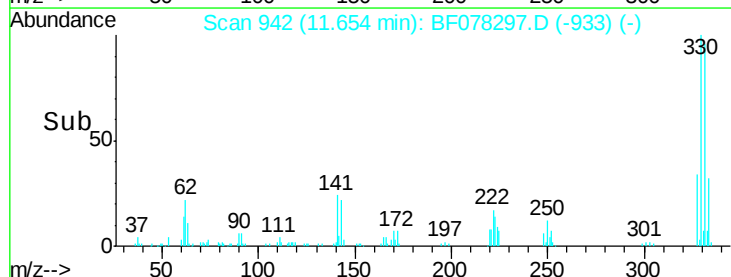
141 37.4 31.2 46.8



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

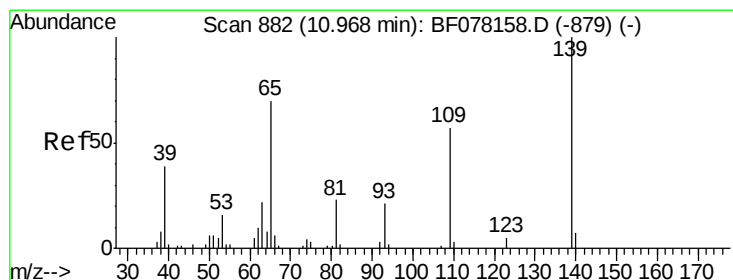
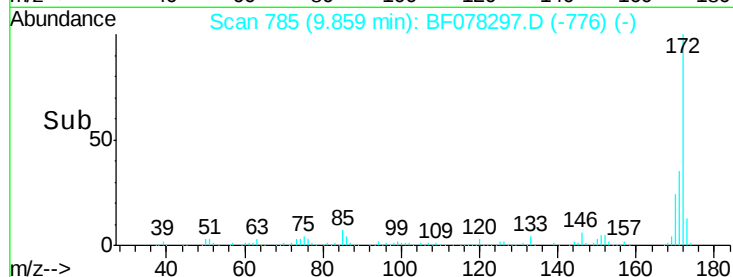
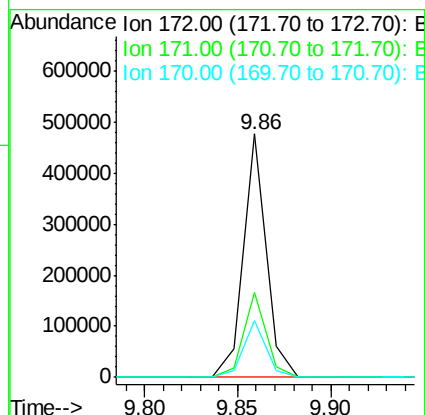
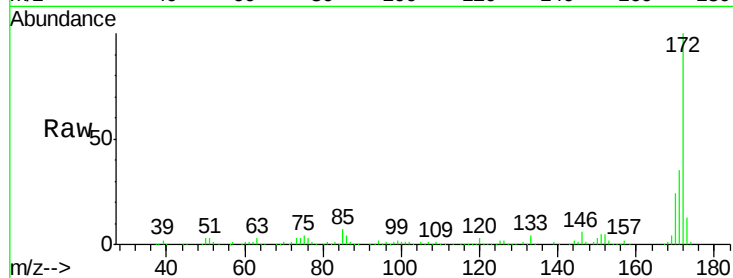




#44
 2-Fluorobiphenyl
 Concen: 68.92 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078297.D
 Acq: 7 Apr 2015 14:46

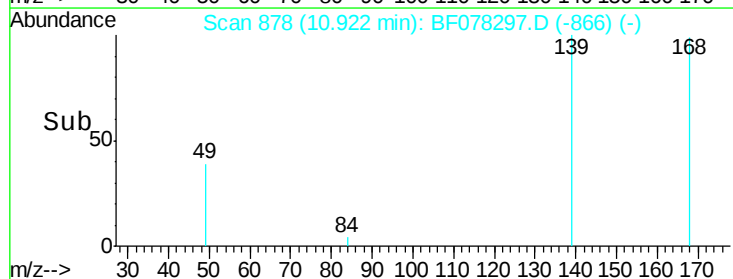
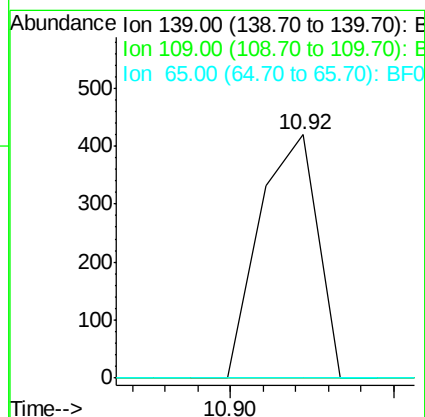
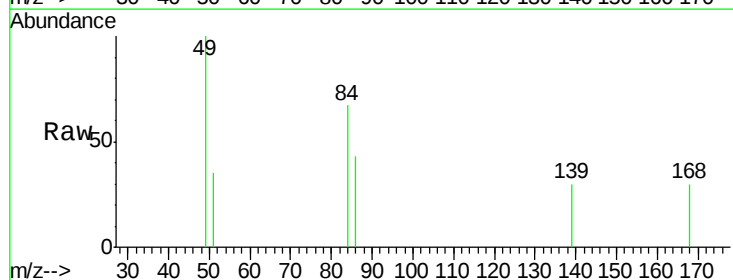
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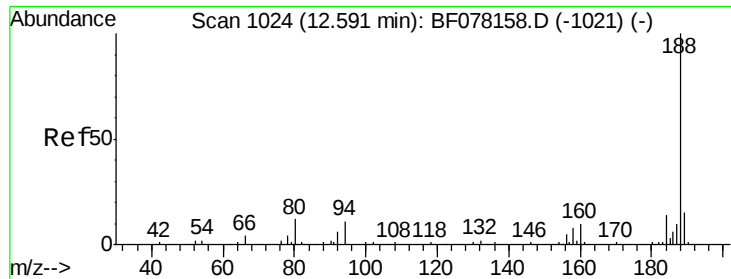
Tgt Ion:172 Resp: 407850
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.5 18.5 27.7



#55
 4-Nitrophenol
 Concen: 3.22 ng
 RT: 10.92 min Scan# 878
 Delta R.T. 0.03 min
 Lab File: BF078297.D
 Acq: 7 Apr 2015 14:46

Tgt Ion:139 Resp: 515
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.7 76.7#
 65 0.0 49.9 89.9#

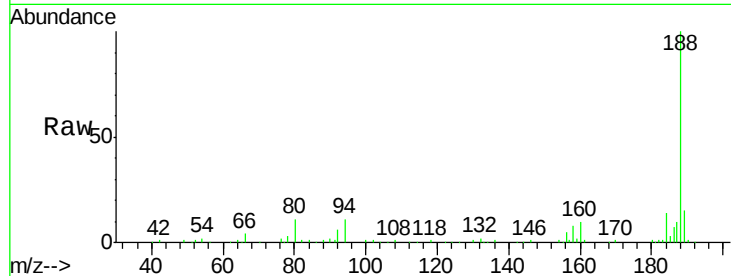




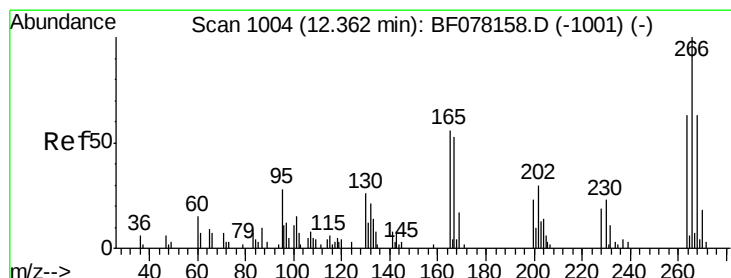
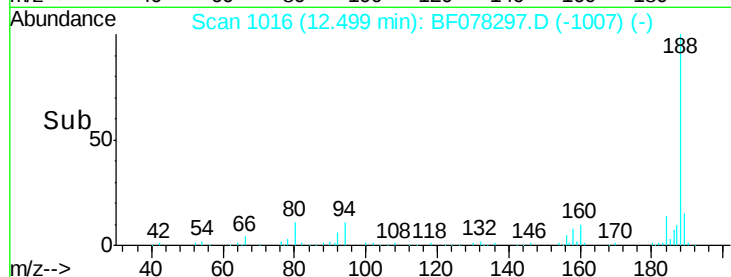
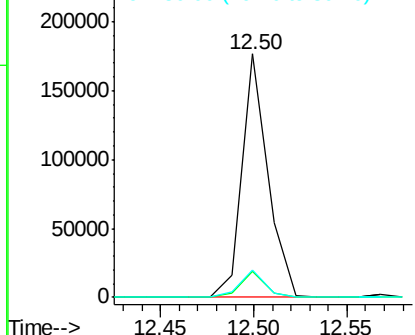
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF078297.D
Acq: 7 Apr 2015 14:46

Instrument :
BNA_F
ClientSampleId :
PB82554BL

Tgt Ion:188 Resp: 170595
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.2 9.5 14.3

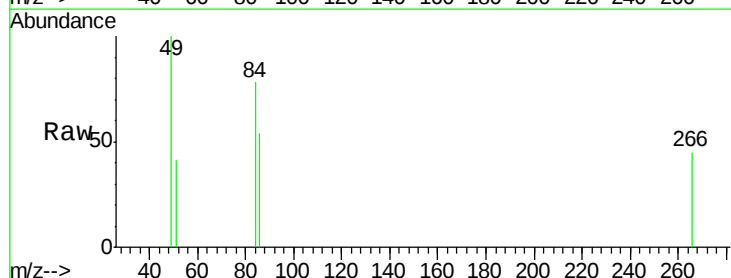


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

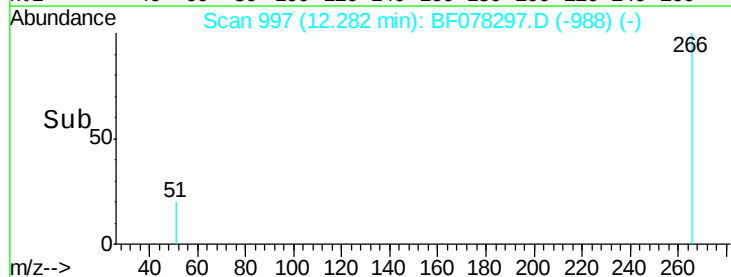
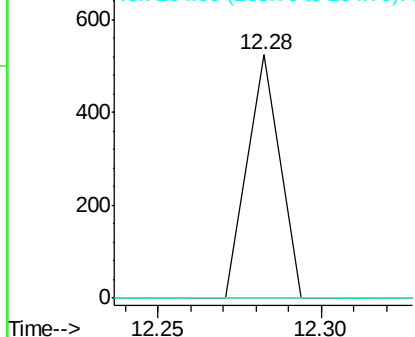


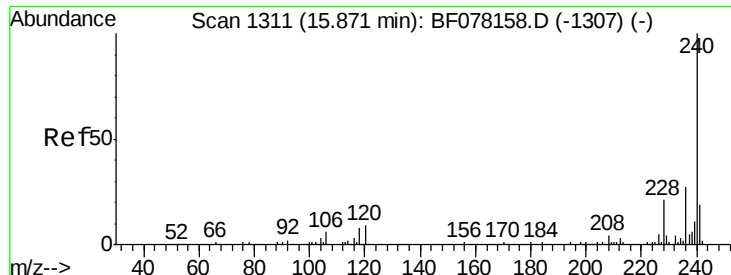
#69
Pentachlorophenol
Concen: 8.13 ng
RT: 12.28 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF078297.D
Acq: 7 Apr 2015 14:46

Tgt Ion:266 Resp: 360
Ion Ratio Lower Upper
266 100
268 0.0 50.1 75.1#
264 0.0 50.0 75.0#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

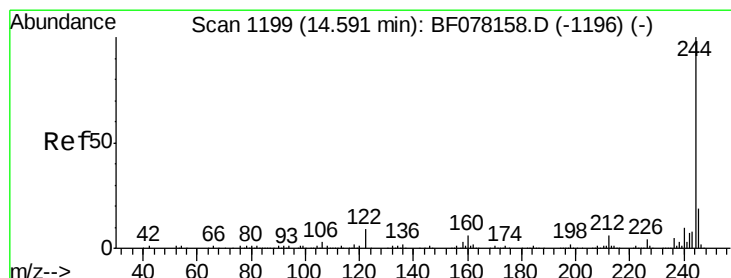
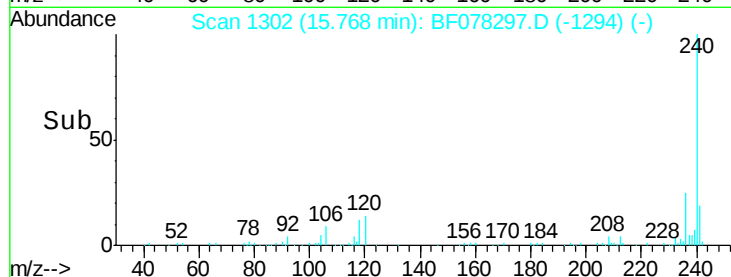
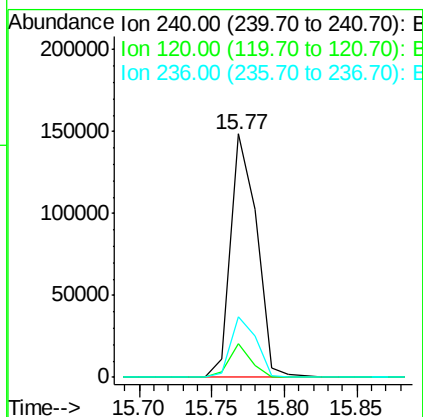
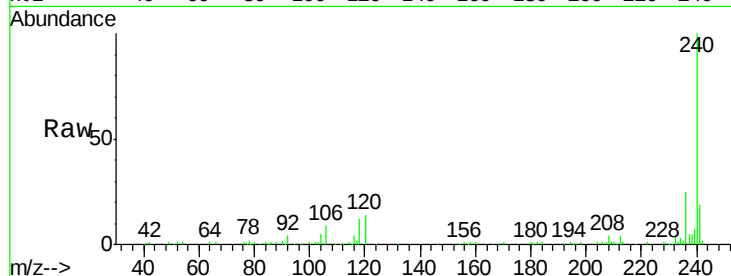




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.77 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF078297.D
 Acq: 7 Apr 2015 14:46

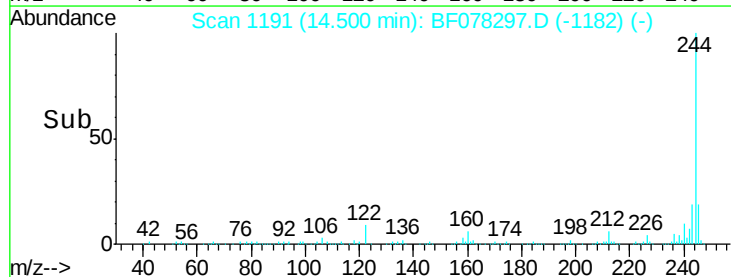
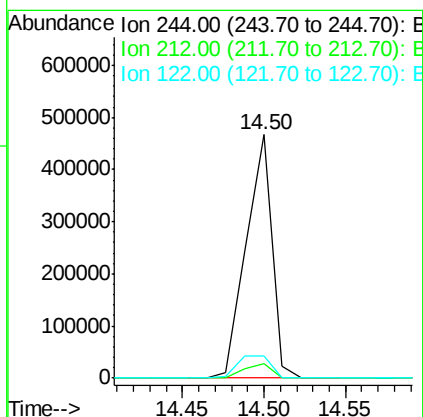
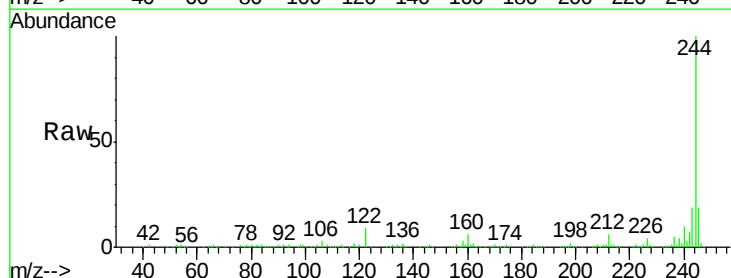
Instrument :
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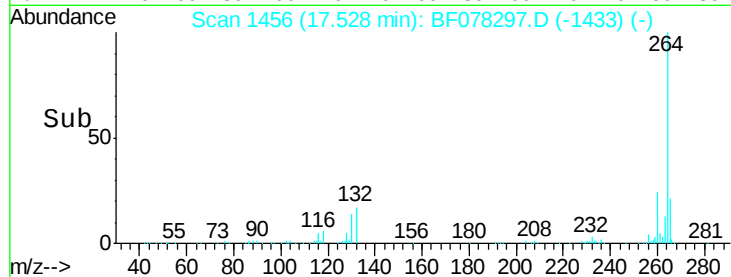
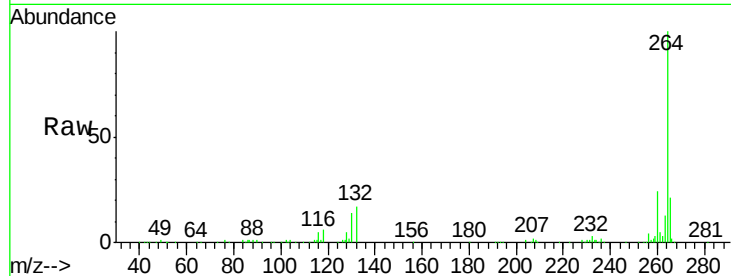
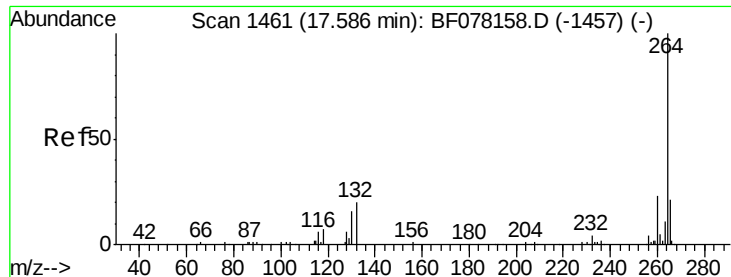
Tgt Ion:240 Resp: 186341
 Ion Ratio Lower Upper
 240 100
 120 13.9 7.1 10.7#
 236 25.0 21.4 32.2



#78
 Terphenyl-d14
 Concen: 62.06 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF078297.D
 Acq: 7 Apr 2015 14:46

Tgt Ion:244 Resp: 511782
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 8.9 7.1 10.7





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.53 min Scan# 1456

Delta R.T. -0.03 min

Lab File: BF078297.D

Acq: 7 Apr 2015 14:46

Instrument :

BNA_F

ClientSampleId :

PB82554BL

Tgt Ion:264 Resp: 179125

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.2 17.0 25.6

