

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078284.D
 Acq On : 7 Apr 2015 5:35
 Operator : TP/IZ
 Sample : G1775-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-016

Quant Time: Apr 07 06:55:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:11:17 2015
 Response via : Initial Calibration

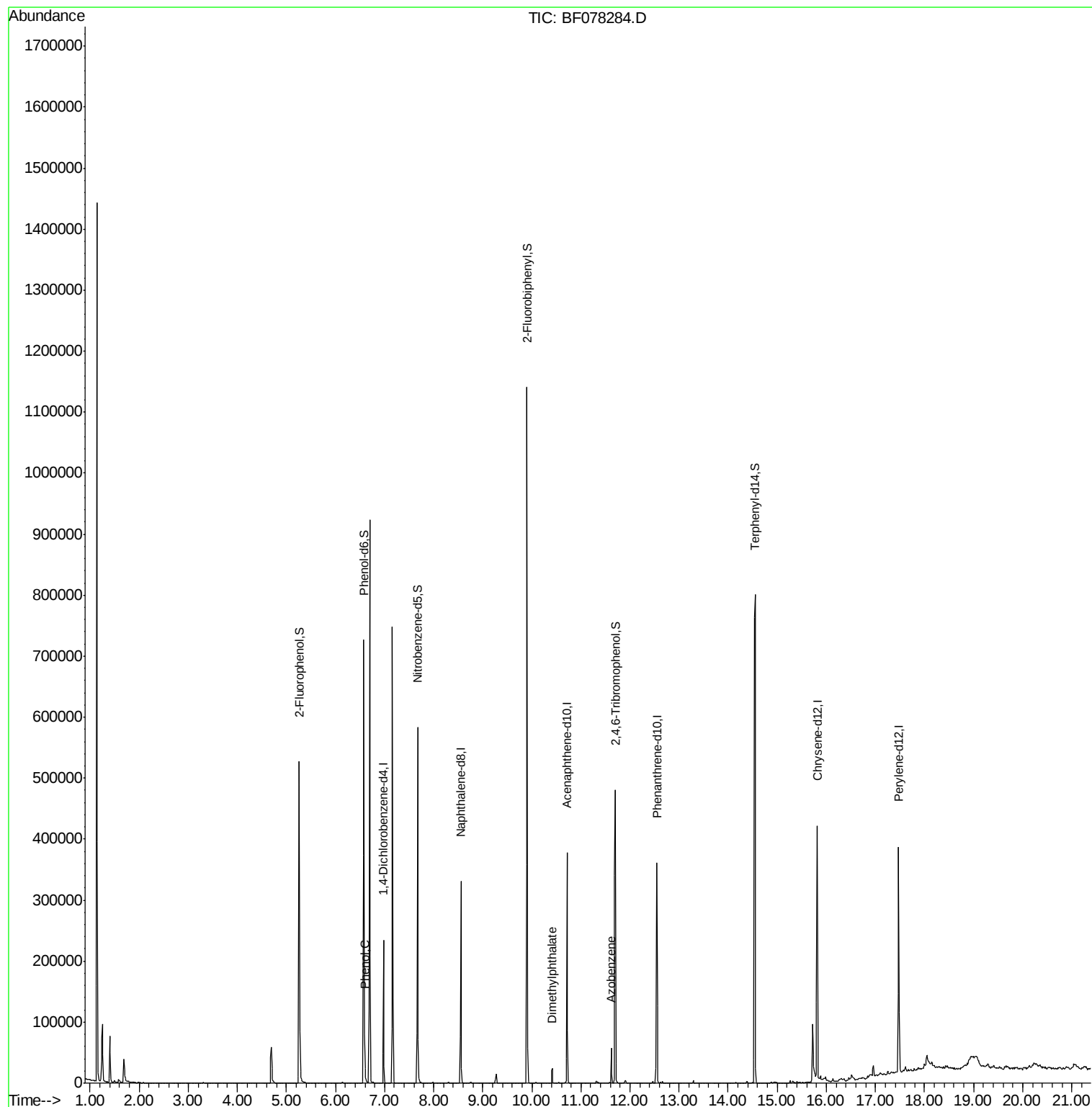
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	38180	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	155648	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	78250	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	147458	20.00	ng	0.00
75) Chrysene-d12	15.81	240	160652	20.00	ng	0.00
86) Perylene-d12	17.47	264	159188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	240887	104.03	ng	0.01
7) Phenol-d6	6.58	99	313600	108.06	ng	0.00
23) Nitrobenzene-d5	7.68	82	182207	70.96	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	74518	114.82	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	385001	70.33	ng	0.00
78) Terphenyl-d14	14.55	244	407887	57.37	ng	0.00
Target Compounds						
10) Phenol	6.59	94	7652	2.20	ng	79
49) Dimethylphthalate	10.42	163	16849	2.87	ng	97
62) Azobenzene	11.62	77	10938	2.11	ng	# 1

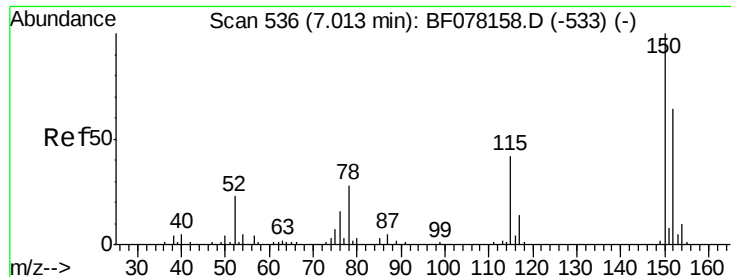
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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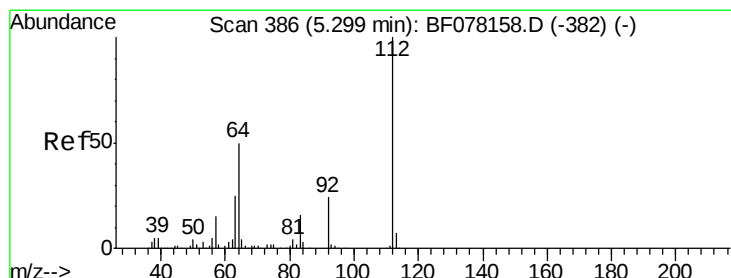
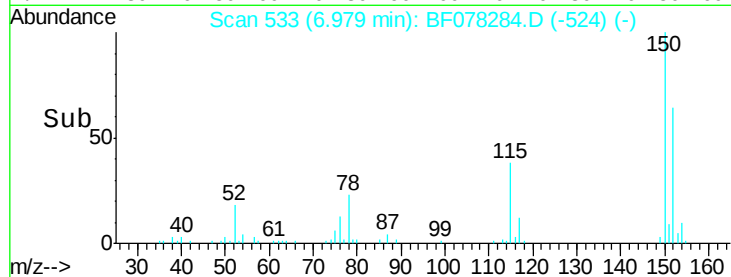
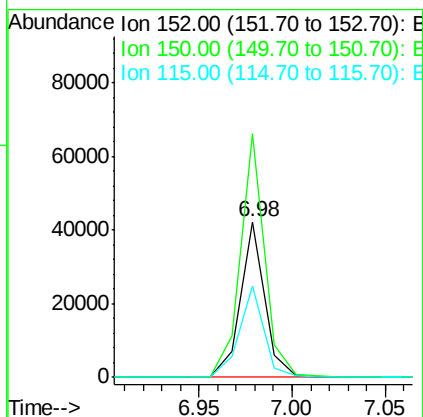
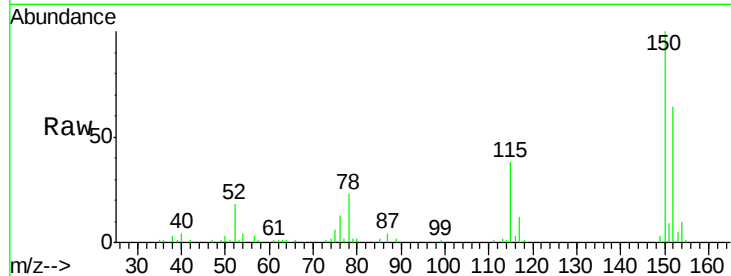


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078284.D
Acq: 7 Apr 2015 5:35

Instrument :
BNA_F
ClientSampled :
SW-016

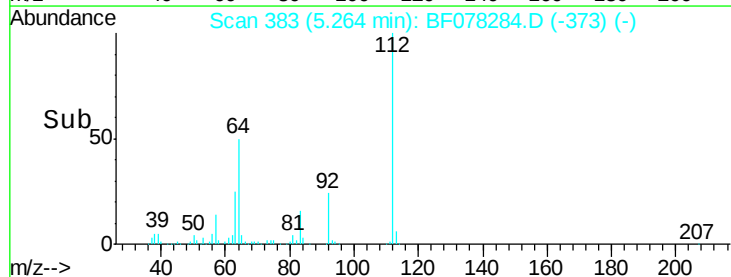
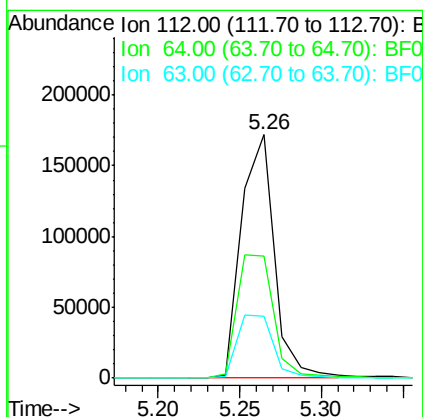
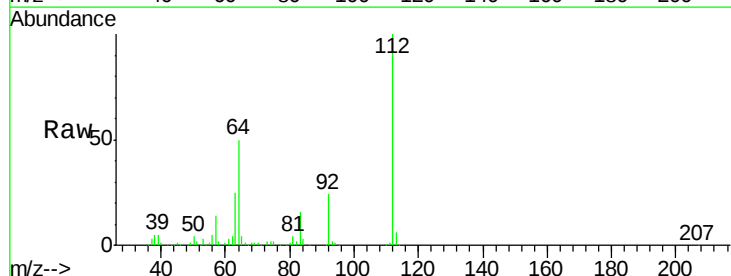
Tgt Ion:152 Resp: 38180
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 58.6 52.7 79.1



#5

2-Fluorophenol
Concen: 104.03 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF078284.D
Acq: 7 Apr 2015 5:35

Tgt Ion:112 Resp: 240887
Ion Ratio Lower Upper
112 100
64 50.0 39.9 59.9
63 25.1 20.2 30.4





#7

Phenol-d6

Concen: 108.06 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078284.D

Acq: 7 Apr 2015 5:35

Instrument :

BNA_F

ClientSampleId :

SW-016

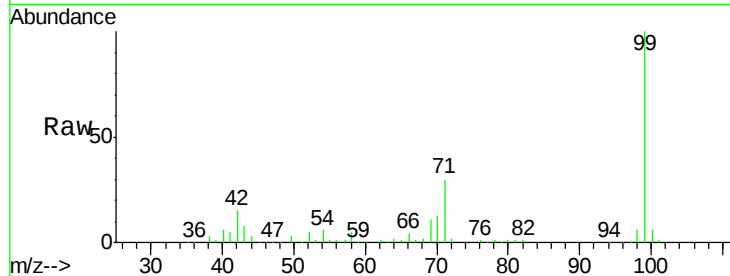
Tgt Ion: 99 Resp: 313600

Ion Ratio Lower Upper

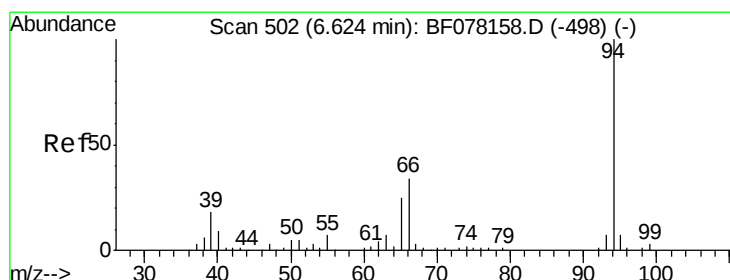
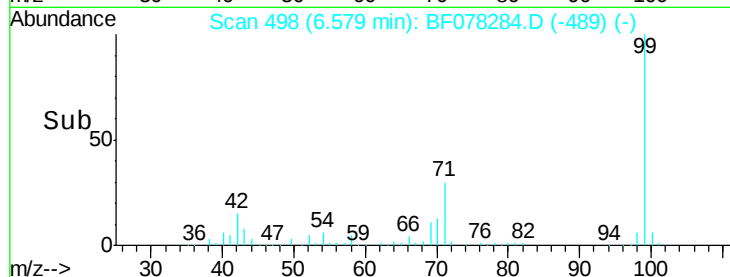
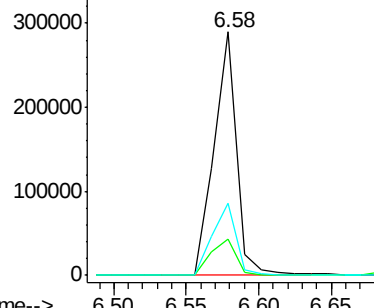
99 100

42 14.7 14.8 22.2#

71 29.7 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



#10

Phenol

Concen: 2.20 ng

RT: 6.59 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF078284.D

Acq: 7 Apr 2015 5:35

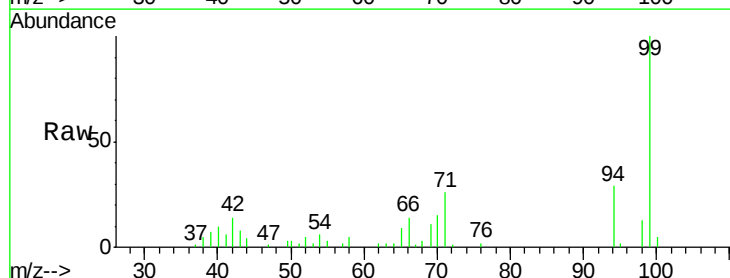
Tgt Ion: 94 Resp: 7652

Ion Ratio Lower Upper

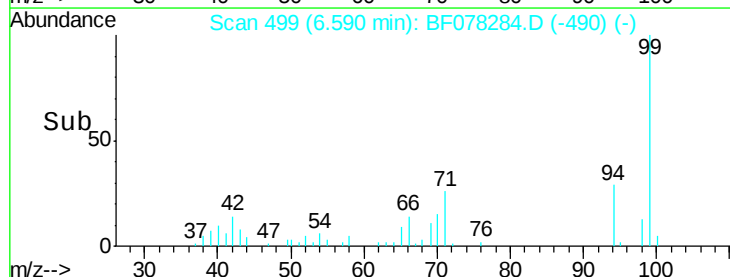
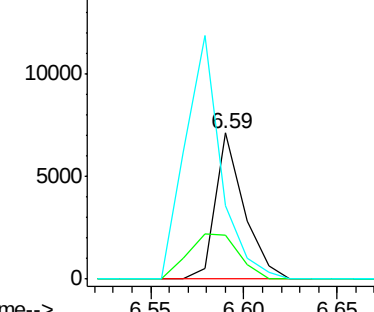
94 100

65 30.1 4.9 44.9

66 50.3 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

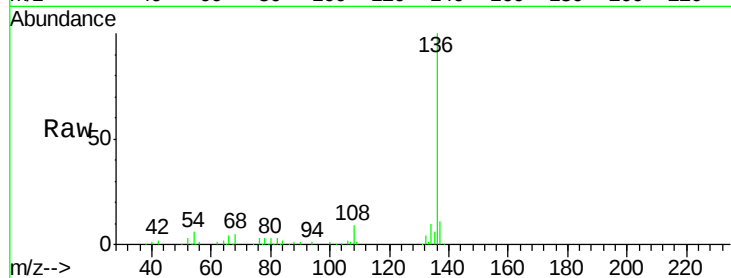




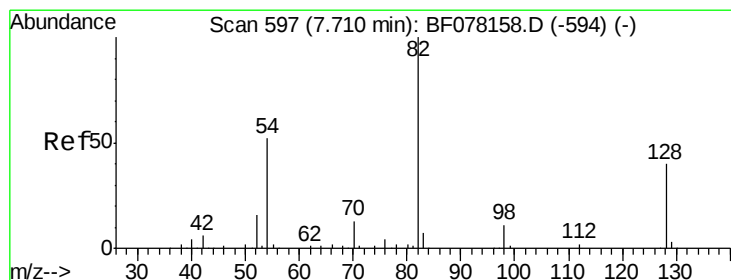
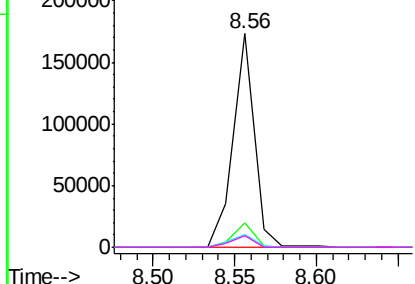
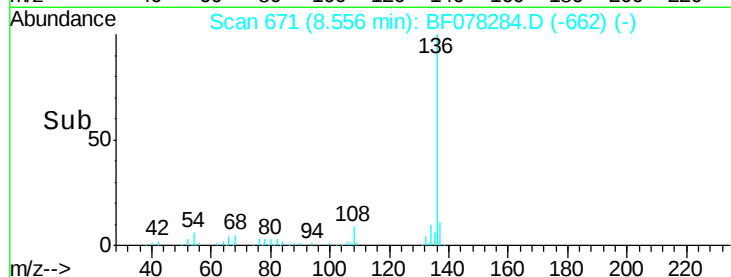
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF078284.D
Acq: 7 Apr 2015 5:35

Instrument :
BNA_F
ClientSampleId :
SW-016

Tgt Ion:	136	Resp:	155648
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.2	7.0	10.6#
68	5.2	5.4	8.2#

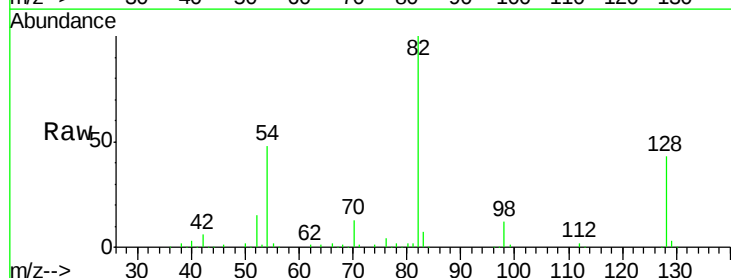


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

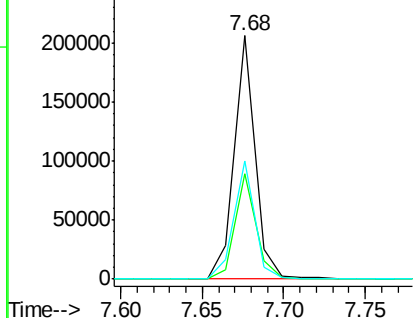
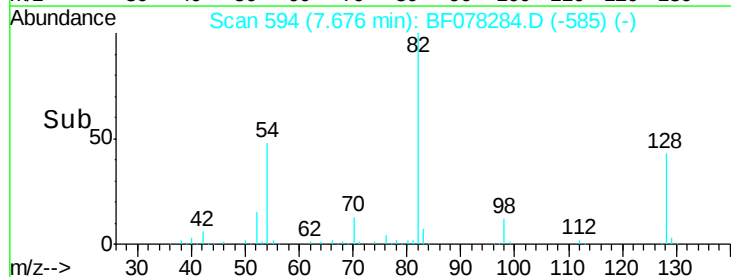


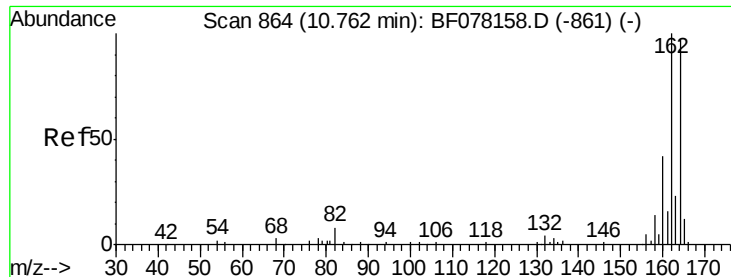
#23
Nitrobenzene-d5
Concen: 70.96 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF078284.D
Acq: 7 Apr 2015 5:35

Tgt Ion:	82	Resp:	182207
Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.8	47.8
54	48.4	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

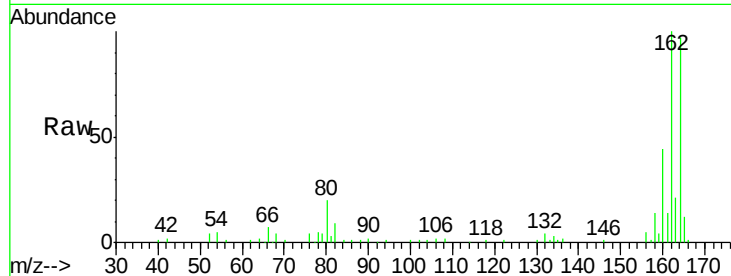




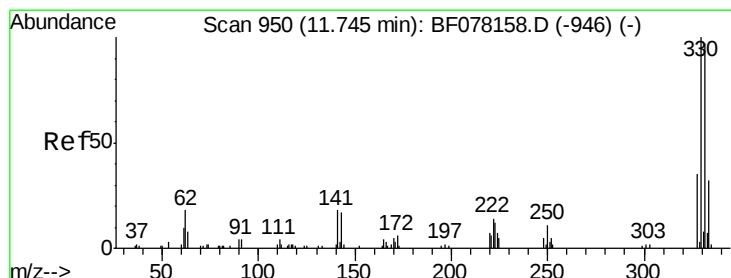
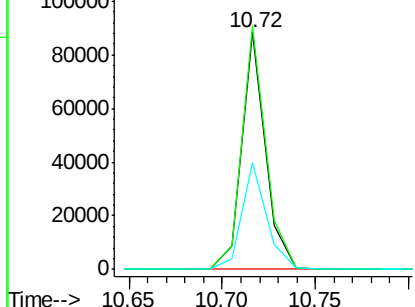
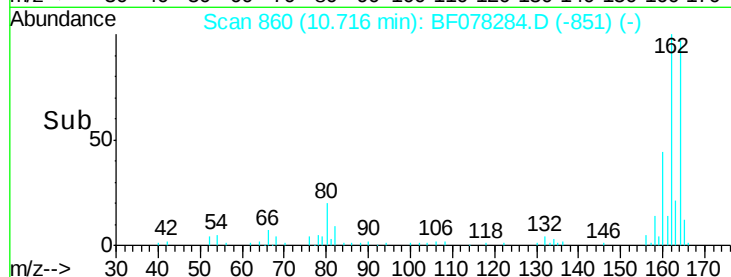
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078284.D
 Acq: 7 Apr 2015 5:35

Instrument :
 BNA_F
 ClientSampleId :
 SW-016

Tgt Ion:164 Resp: 78250
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.2 123.2
 160 45.1 34.7 52.1

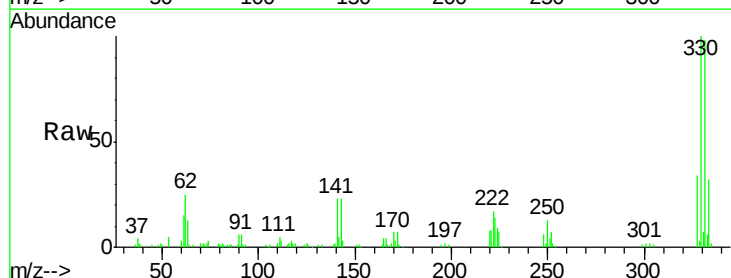


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

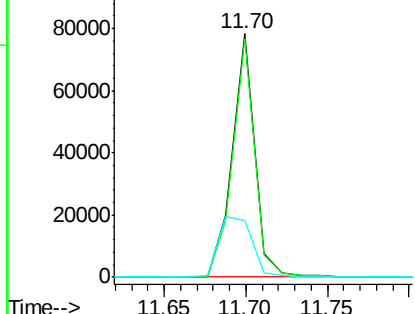
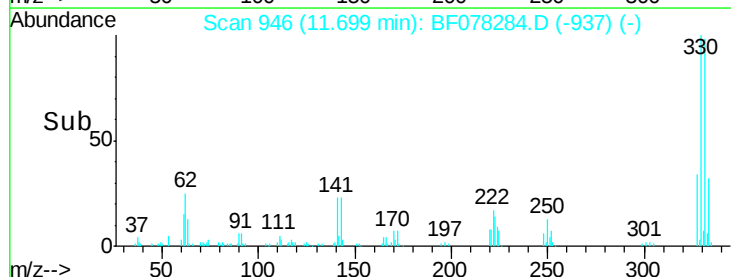


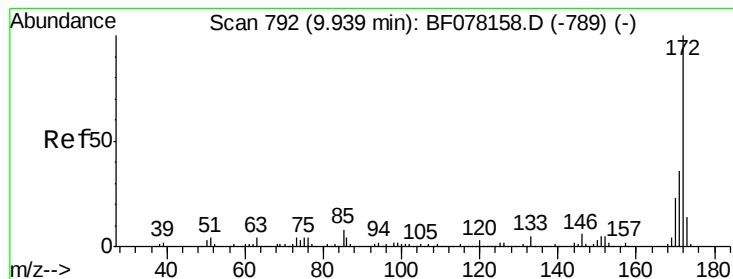
#41
 2,4,6-Tribromophenol
 Concen: 114.82 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078284.D
 Acq: 7 Apr 2015 5:35

Tgt Ion:330 Resp: 74518
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 36.8 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

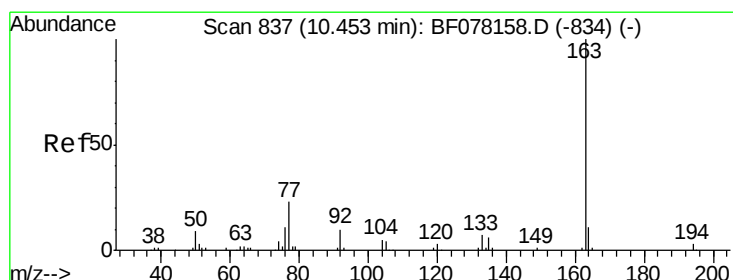
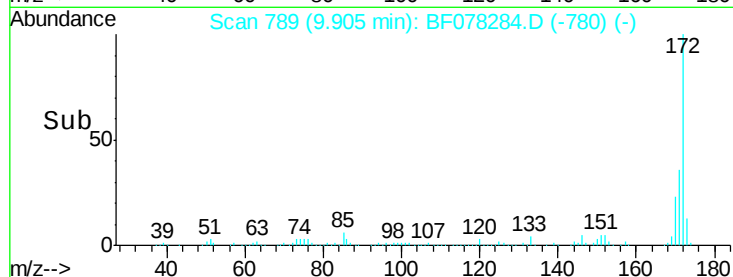
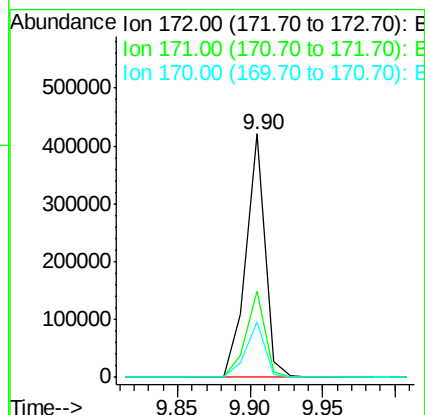
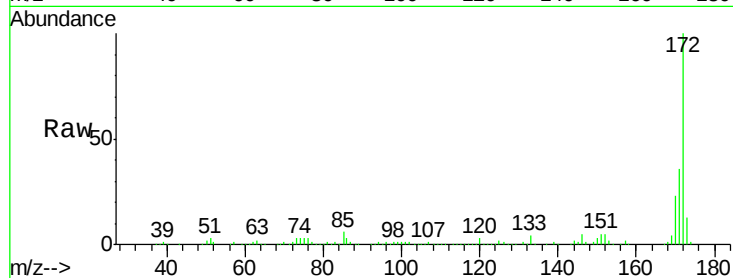




#44
 2-Fluorobiphenyl
 Concen: 70.33 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078284.D
 Acq: 7 Apr 2015 5:35

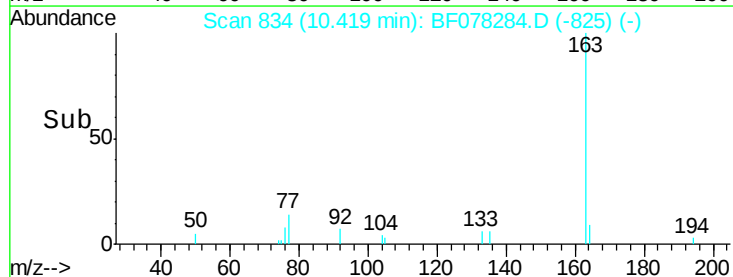
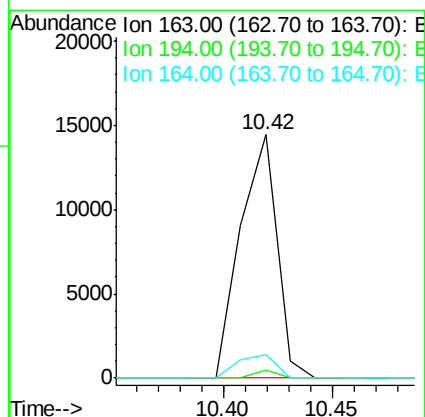
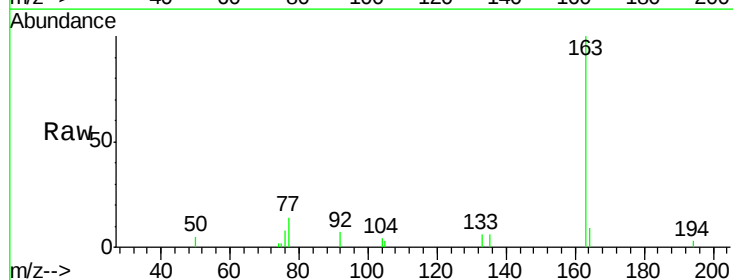
Instrument :
 BNA_F
 ClientSampled :
 SW-016

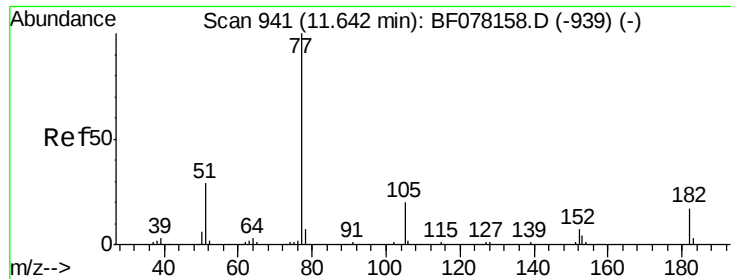
Tgt Ion:172 Resp: 385001
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 42.8
 170 23.0 18.5 27.7



#49
 Dimethylphthalate
 Concen: 2.87 ng
 RT: 10.42 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF078284.D
 Acq: 7 Apr 2015 5:35

Tgt Ion:163 Resp: 16849
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.3 3.5
 164 9.5 8.6 13.0





#62

Azobenzene

Concen: 2.11 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF078284.D

Acq: 7 Apr 2015 5:35

Instrument :

BNA_F

ClientSampled :

SW-016

Tgt Ion: 77 Resp: 10938

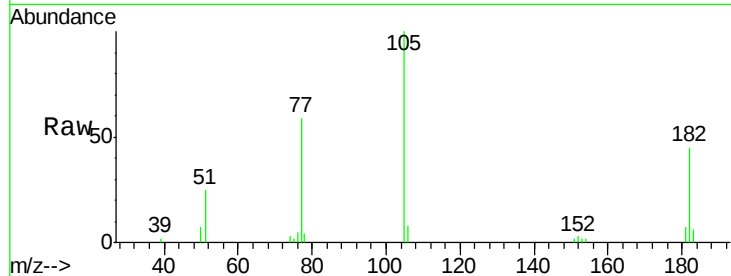
Ion Ratio Lower Upper

77 100

182 76.4 0.0 36.8#

105 168.2 0.3 40.3#

51 41.5 9.1 49.1

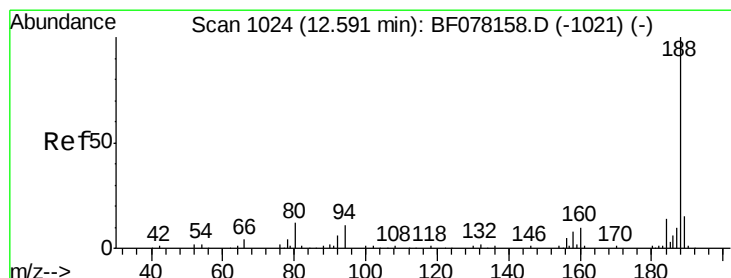
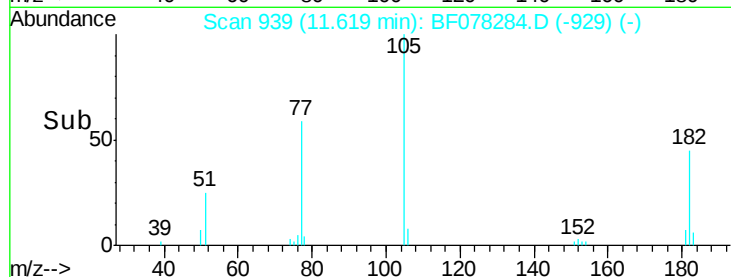
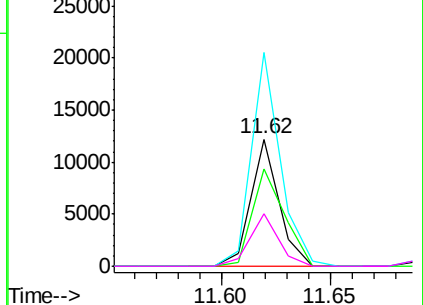


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF078284.D

Acq: 7 Apr 2015 5:35

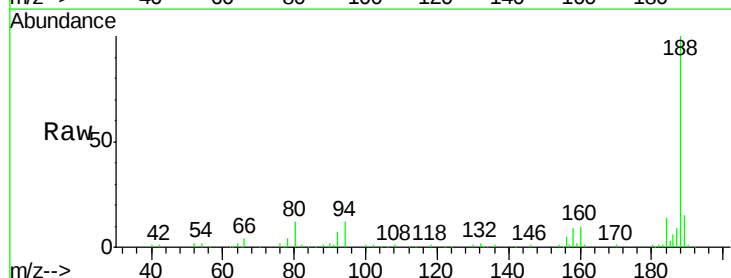
Tgt Ion: 188 Resp: 147458

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.4

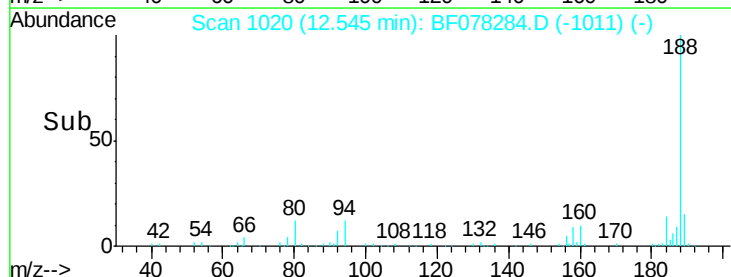
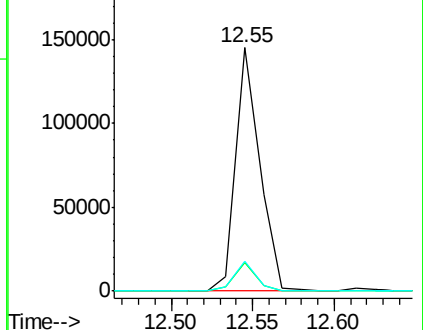
80 12.2 9.5 14.3

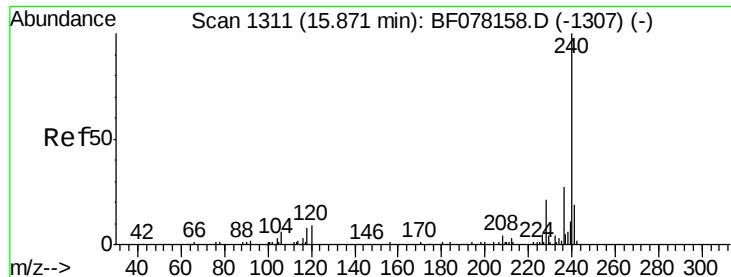


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.81 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF078284.D

Acq: 7 Apr 2015 5:35

Instrument :

BNA_F

ClientSampleId :

SW-016

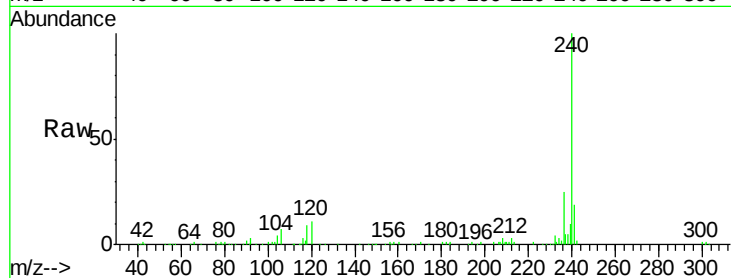
Tgt Ion:240 Resp: 160652

Ion Ratio Lower Upper

240 100

120 10.7 7.1 10.7#

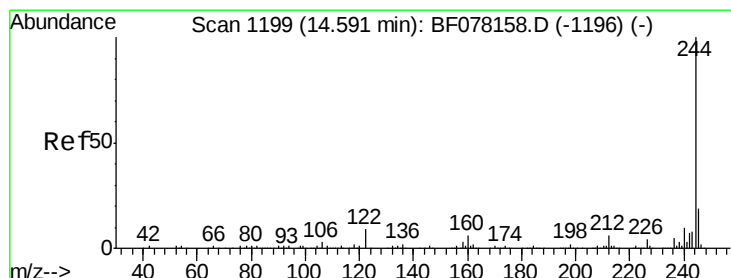
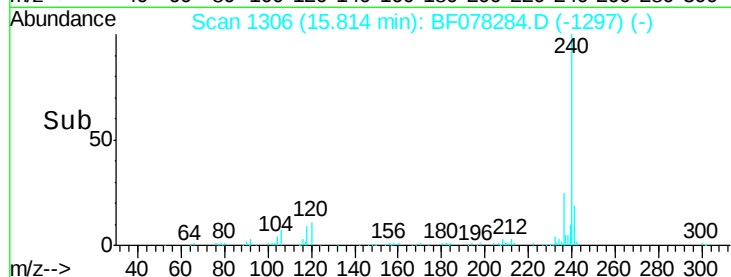
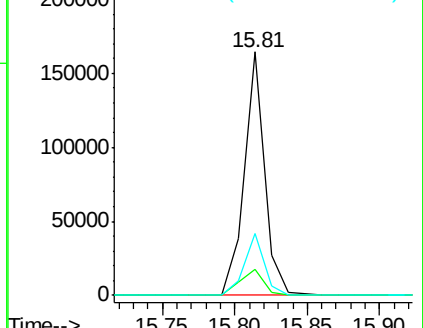
236 25.3 21.4 32.2



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: 57.37 ng

RT: 14.55 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF078284.D

Acq: 7 Apr 2015 5:35

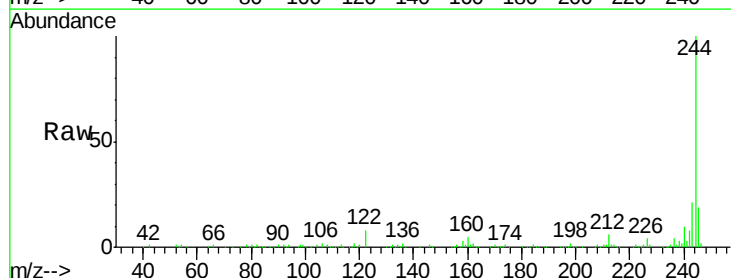
Tgt Ion:244 Resp: 407887

Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

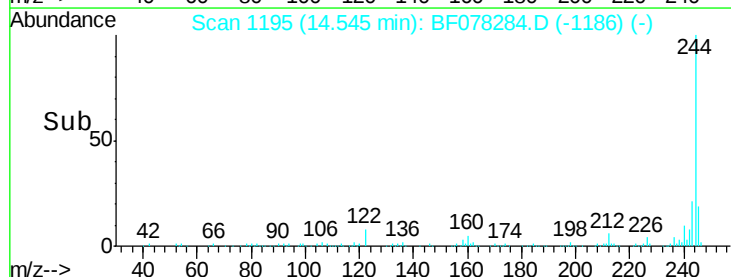
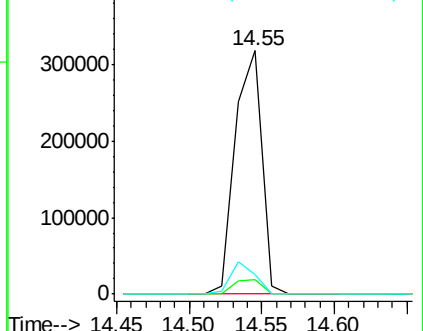
122 7.8 7.1 10.7

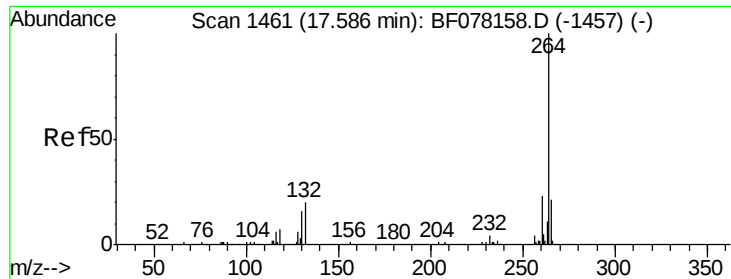


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

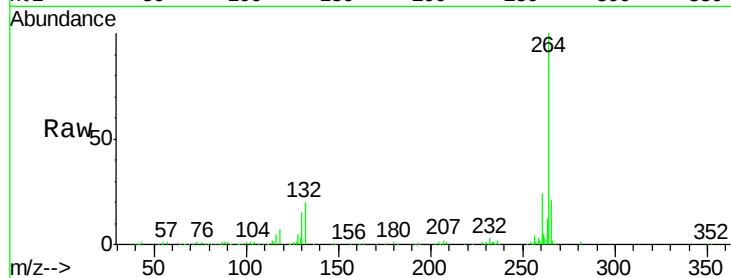




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF078284.D
Acq: 7 Apr 2015 5:35

Instrument :
BNA_F
ClientSampleId :
SW-016

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	20.6	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

