

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078258.D
 Acq On : 6 Apr 2015 15:50
 Operator : TP/IZ
 Sample : G1710-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Quant Time: Apr 07 01:24:53 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 02:08:45 2015
 Response via : Initial Calibration

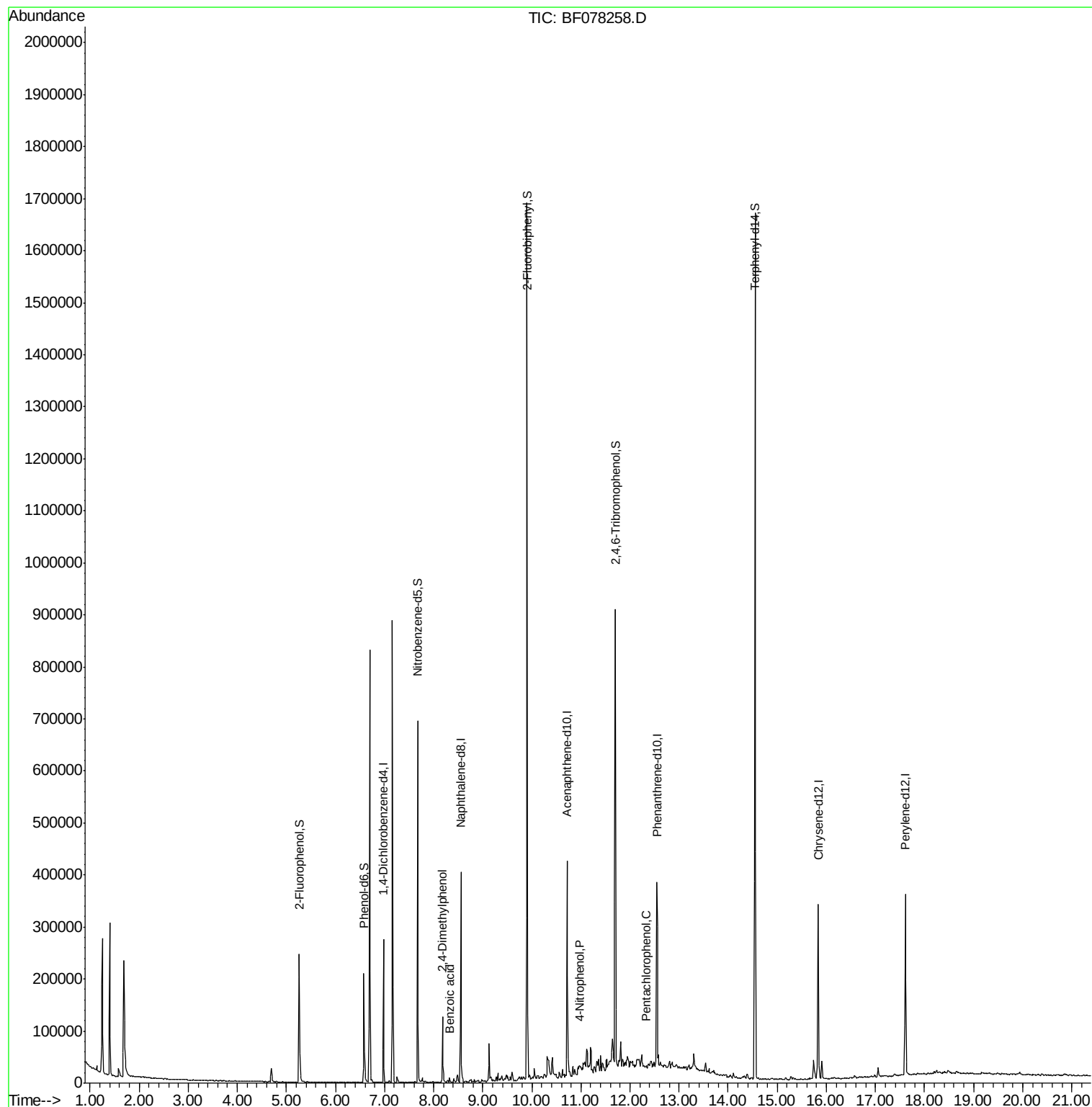
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	44863	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	178930	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	89746	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	179715	20.00	ng	-0.01
75) Chrysene-d12	15.84	240	186196	20.00	ng	-0.01
86) Perylene-d12	17.61	264	169755	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	113047	41.55	ng	0.00
7) Phenol-d6	6.58	99	86304	25.31	ng	0.00
23) Nitrobenzene-d5	7.68	82	217031	73.52	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	103591	139.18	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	506757	80.71	ng	0.00
78) Terphenyl-d14	14.55	244	600157	72.83	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	8.18	122	25959	9.49	ng	93
32) Benzoic acid	8.33	122	1924	7.11	ng	# 26
55) 4-Nitrophenol	10.98	139	1660	4.15	ng	89
69) Pentachlorophenol	12.33	266	659	8.40	ng	87

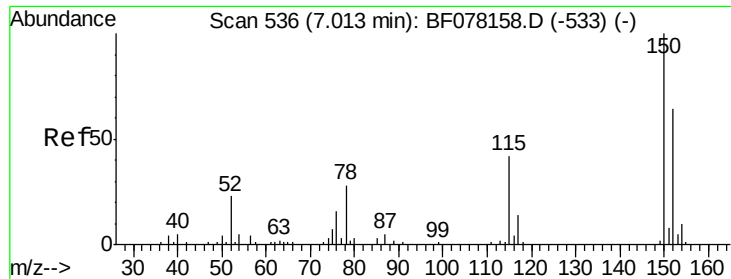
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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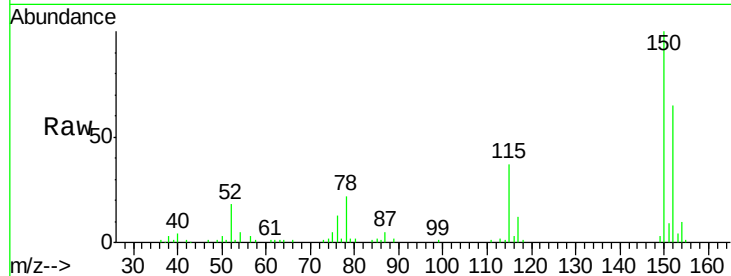


#1

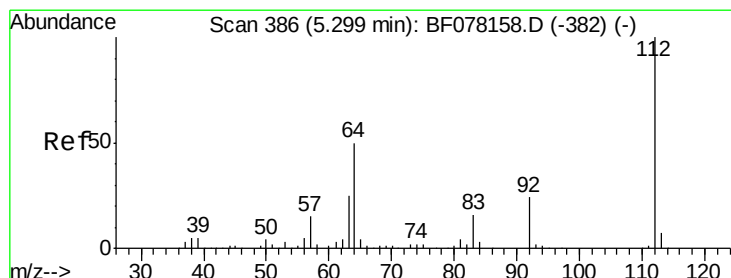
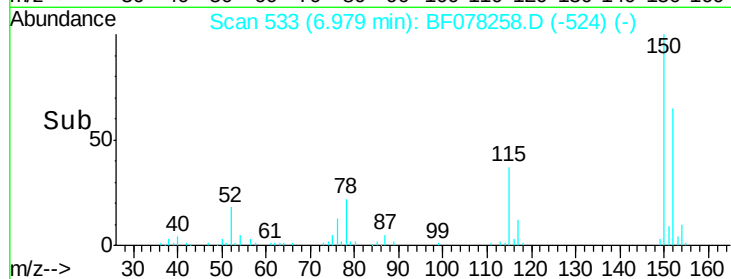
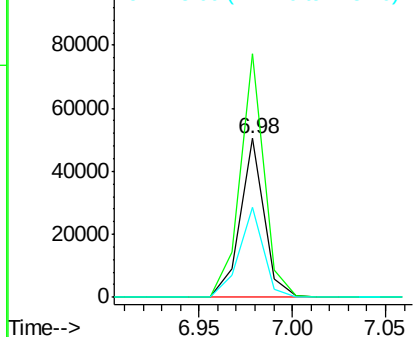
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:152 Resp: 44863
Ion Ratio Lower Upper
152 100
150 153.5 125.9 188.9
115 57.1 52.7 79.1



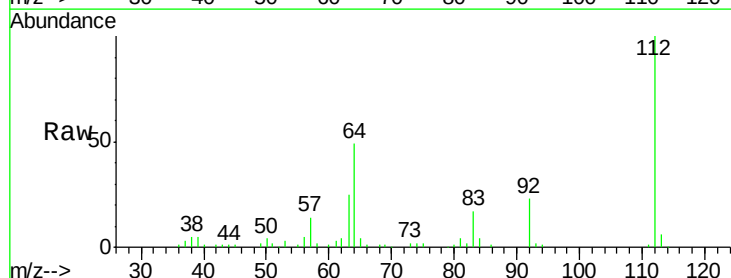
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



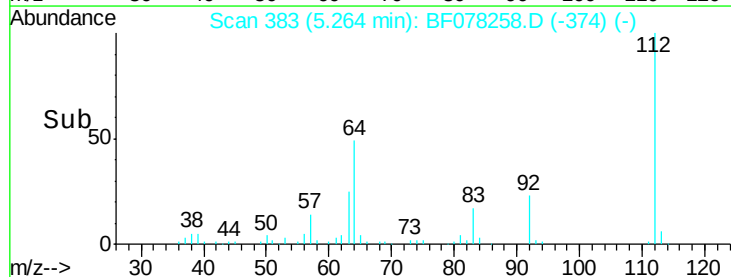
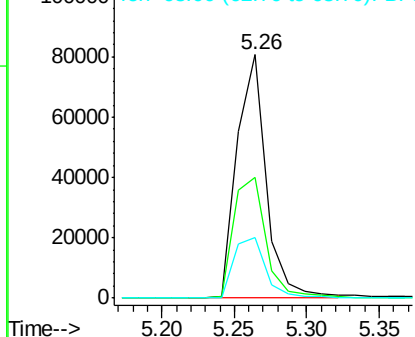
#5

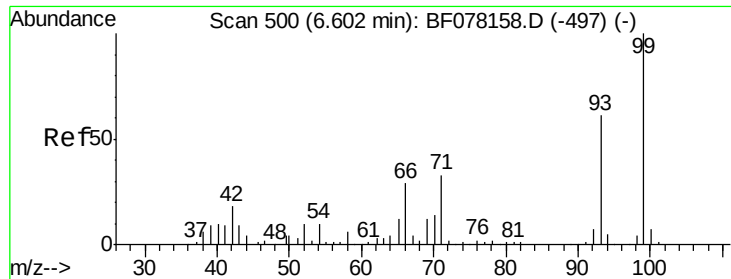
2-Fluorophenol
Concen: 41.55 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

Tgt Ion:112 Resp: 113047
Ion Ratio Lower Upper
112 100
64 49.4 39.9 59.9
63 25.0 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: 25.31 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF078258.D

Acq: 6 Apr 2015 15:50

Instrument :

BNA_F

ClientSampled :

W-05

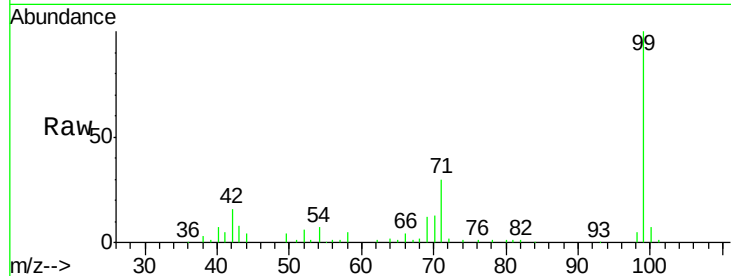
Tgt Ion: 99 Resp: 86304

Ion Ratio Lower Upper

99 100

42 15.7 14.8 22.2

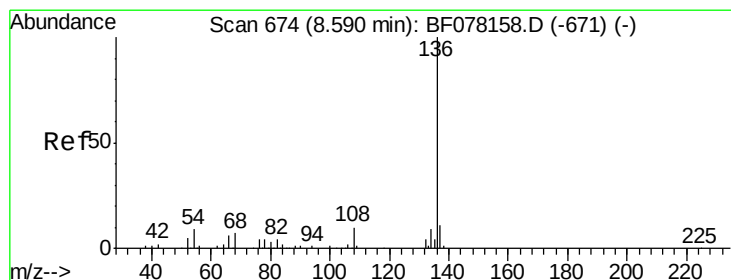
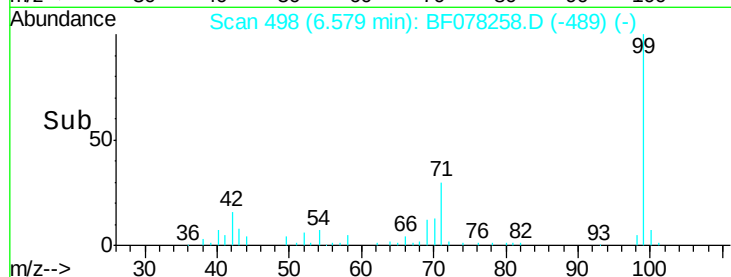
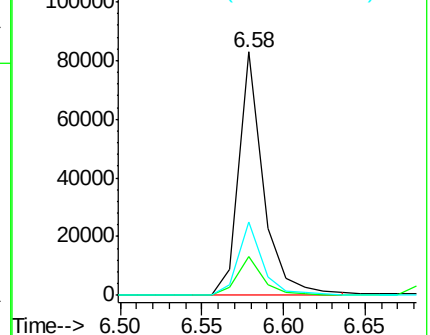
71 30.2 26.6 39.8



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: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078258.D

Acq: 6 Apr 2015 15:50

Tgt Ion: 136 Resp: 178930

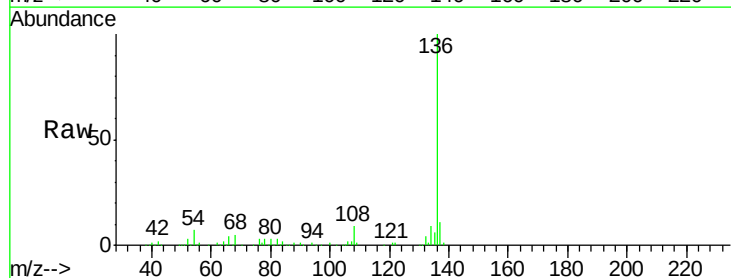
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.6 7.0 10.6#

68 5.4 5.4 8.2#

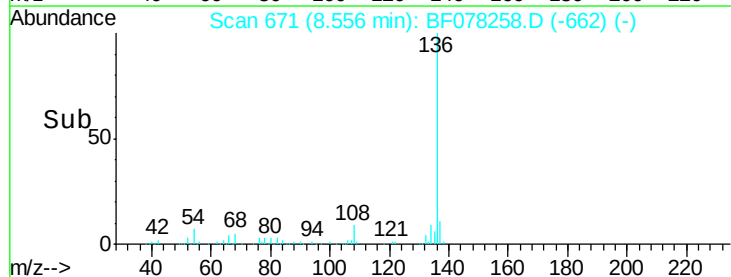
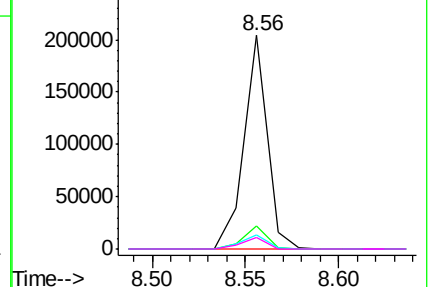


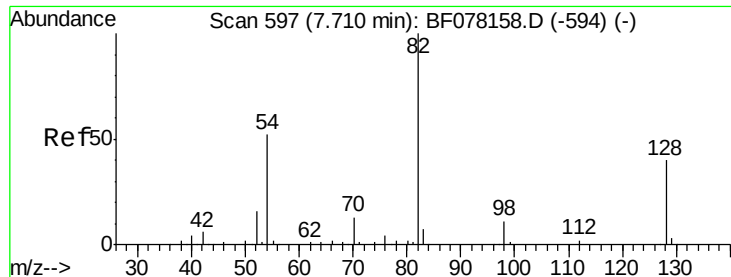
Abundance Ion 136.00 (135.70 to 136.70): E

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

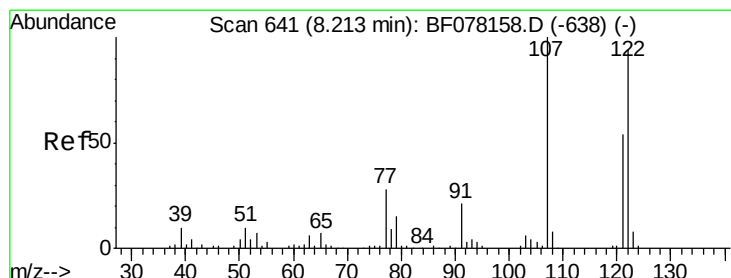
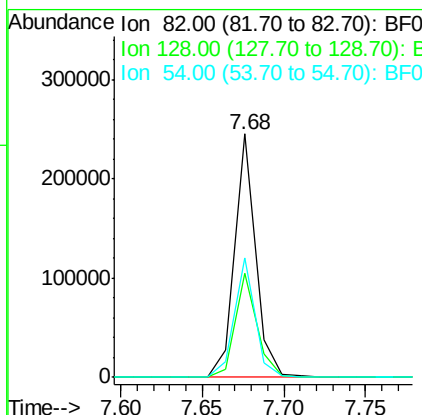
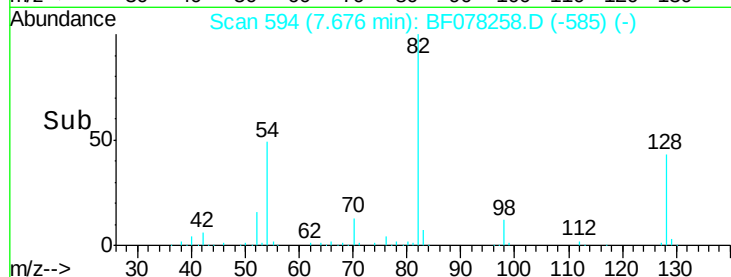
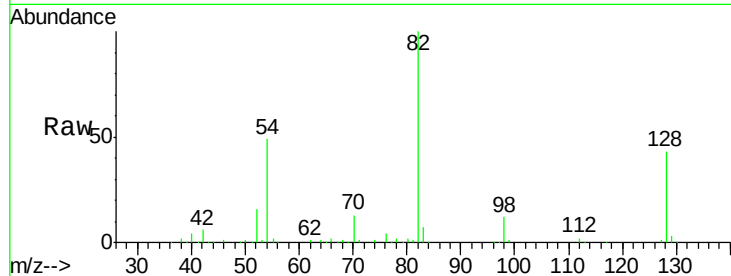




#23
 Nitrobenzene-d5
 Concen: 73.52 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

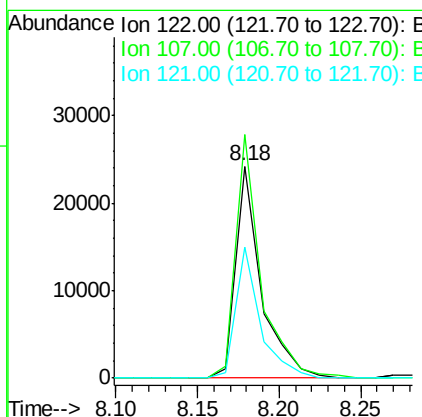
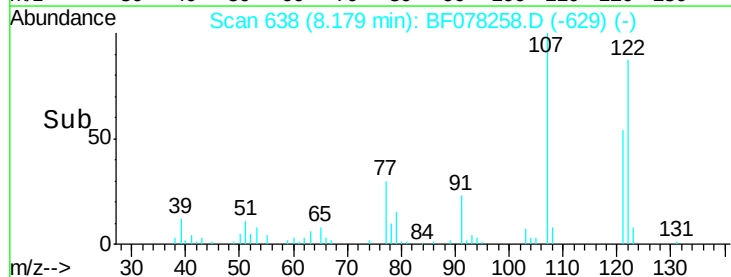
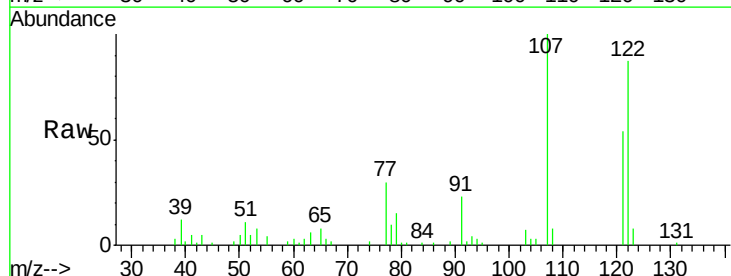
Instrument :
 BNA_F
 ClientSampleId :
 W-05

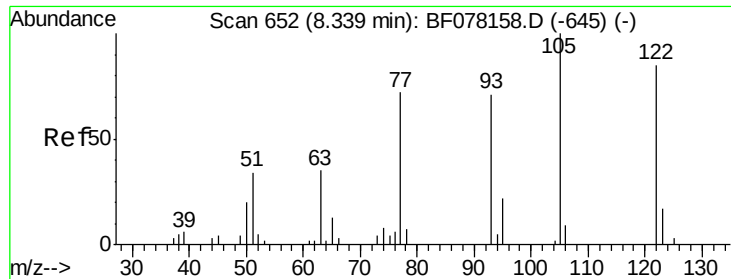
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.8	47.8
54	49.0	41.5	62.3



#27
 2,4-Dimethylphenol
 Concen: 9.49 ng
 RT: 8.18 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.7	84.6	127.0
121	61.5	46.0	69.0

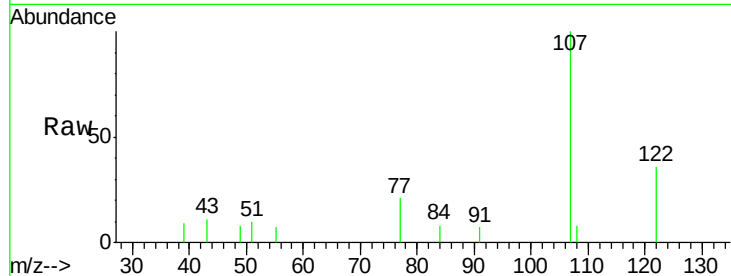




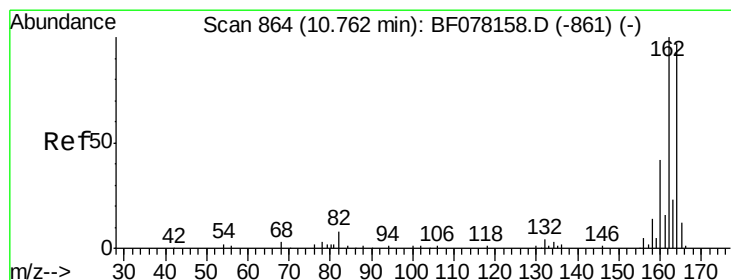
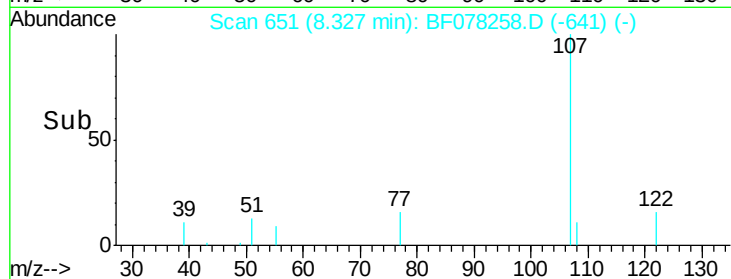
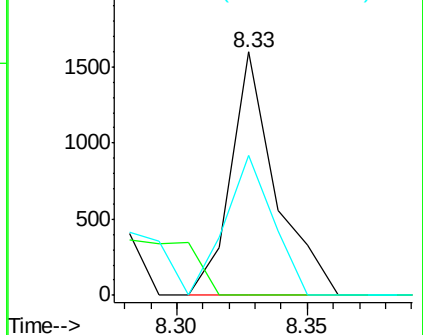
#32
Benzoic acid
Concen: 7.11 ng
RT: 8.33 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:122 Resp: 1924
Ion Ratio Lower Upper
122 100
105 0.0 96.1 136.1#
77 57.3 64.1 104.1#

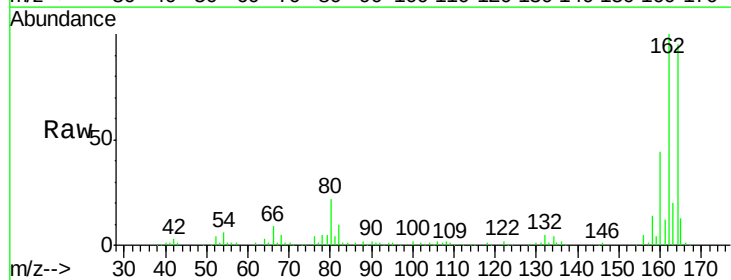


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

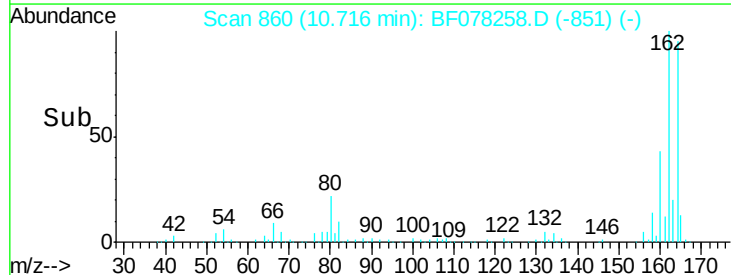
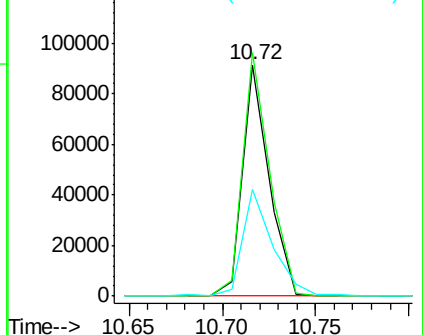


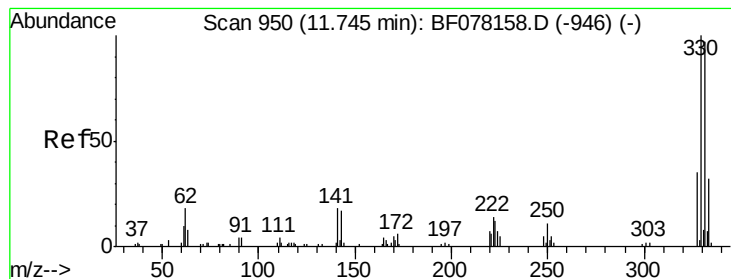
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

Tgt Ion:164 Resp: 89746
Ion Ratio Lower Upper
164 100
162 105.5 82.2 123.2
160 46.3 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

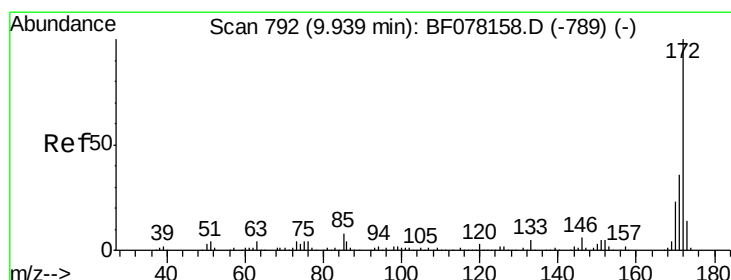
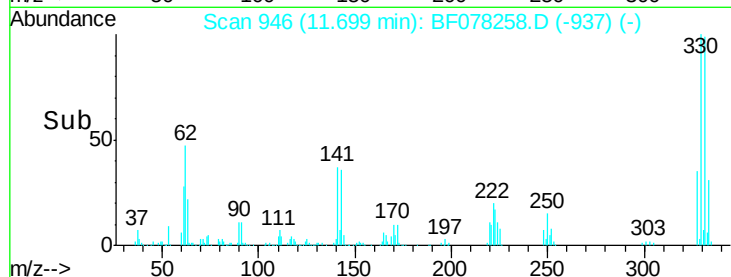
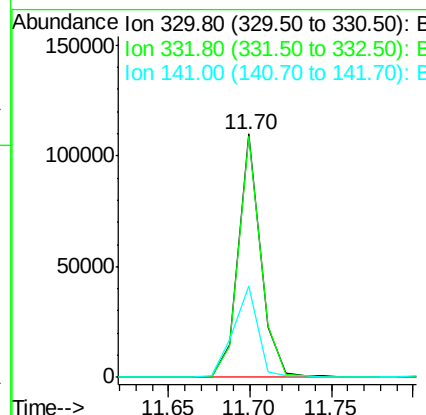
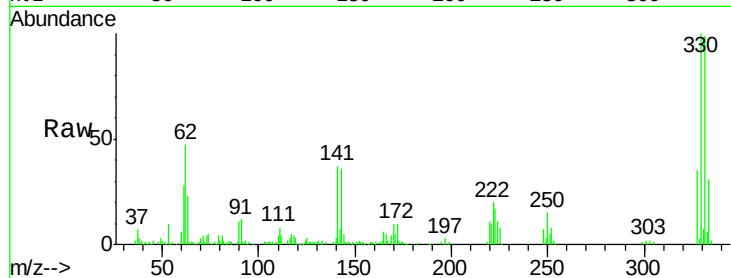




#41
 2,4,6-Tribromophenol
 Concen: 139.18 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

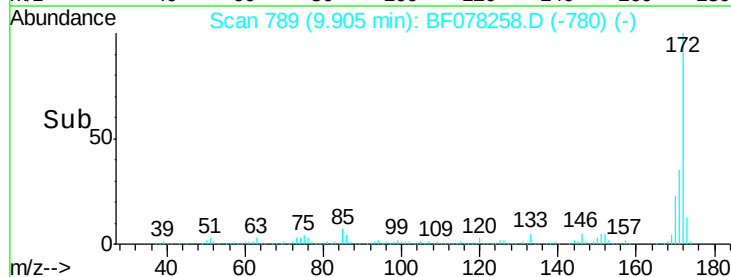
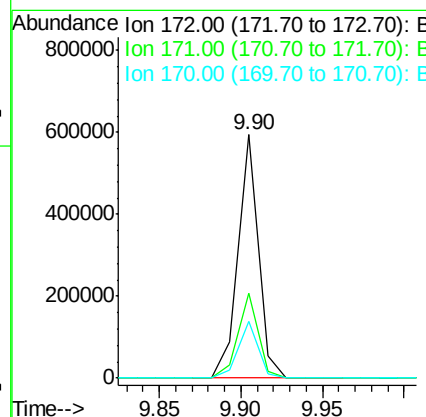
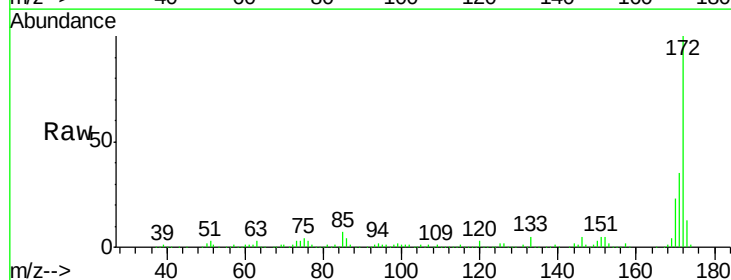
Instrument :
 BNA_F
 ClientSampled :
 W-05

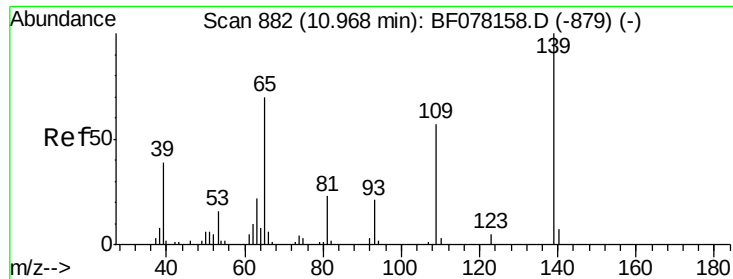
Tgt Ion:330 Resp: 103591
 Ion Ratio Lower Upper
 330 100
 332 98.8 78.6 117.8
 141 41.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 80.71 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

Tgt Ion:172 Resp: 506757
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.5 18.5 27.7

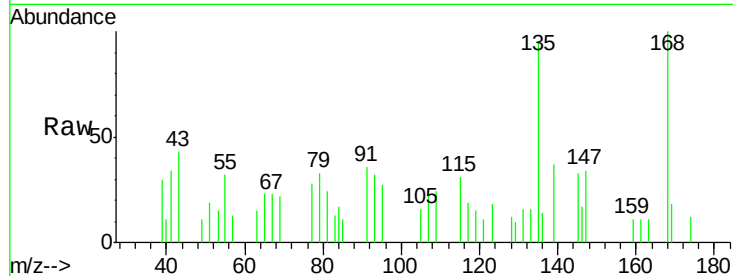




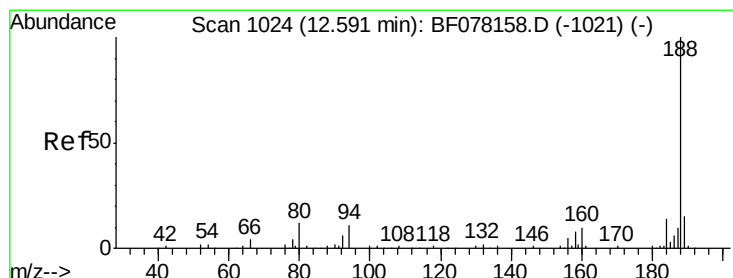
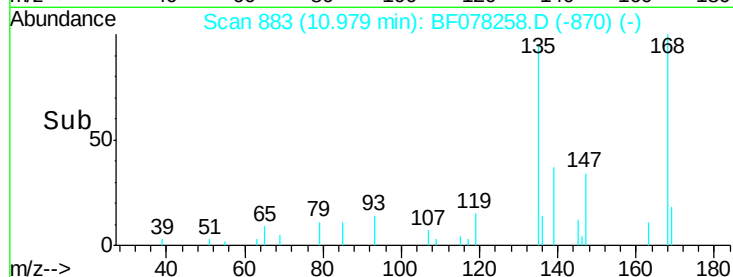
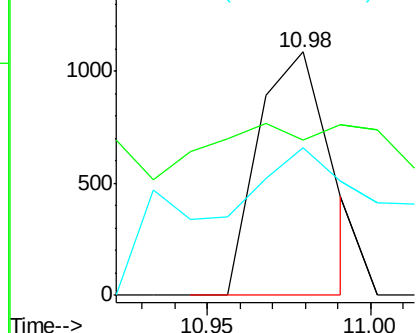
#55
4-Nitrophenol
Concen: 4.15 ng
RT: 10.98 min Scan# 883
Delta R.T. 0.05 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

Instrument :
BNA_F
ClientSampled :
W-05

Tgt Ion:139 Resp: 1660
Ion Ratio Lower Upper
139 100
109 63.9 36.7 76.7
65 60.7 49.9 89.9

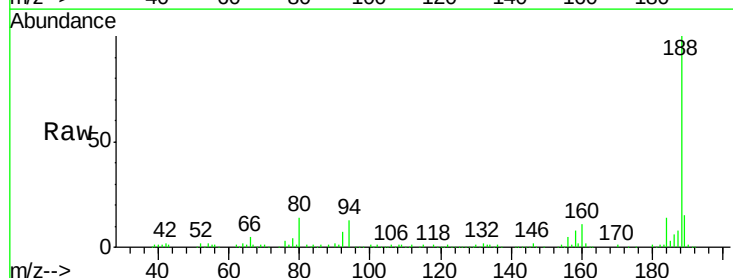


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

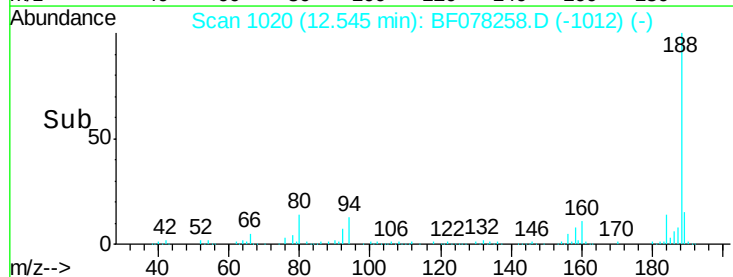
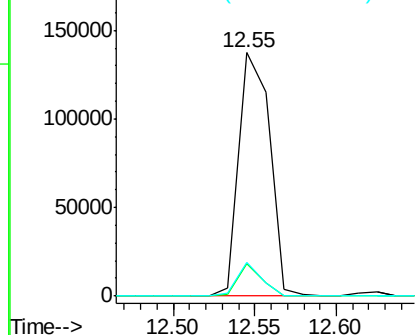


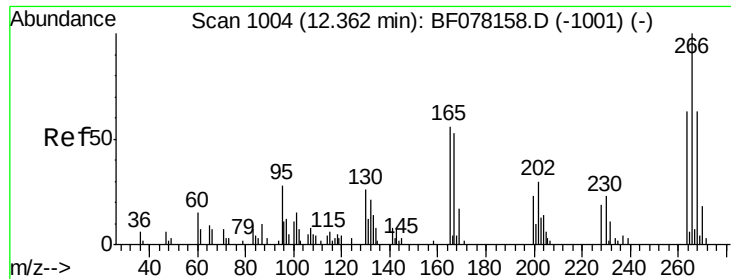
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

Tgt Ion:188 Resp: 179715
Ion Ratio Lower Upper
188 100
94 13.4 9.0 13.4
80 13.7 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

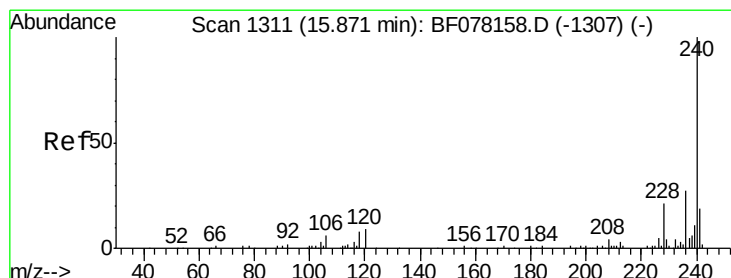
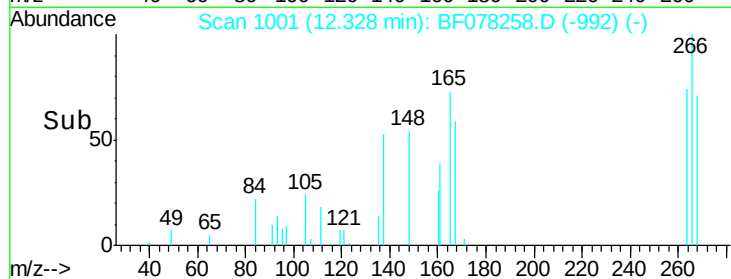
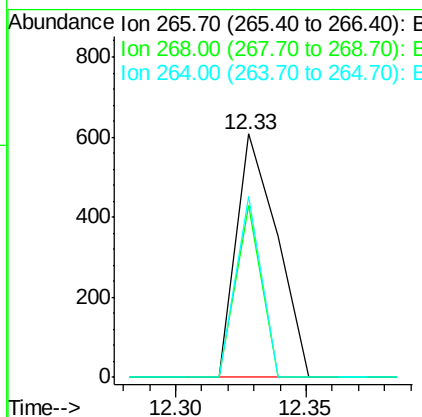
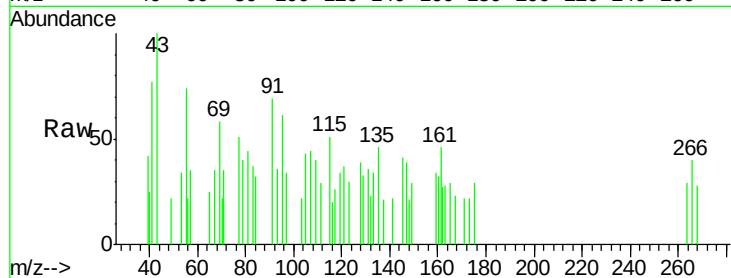




#69
 Pentachlorophenol
 Concen: 8.40 ng
 RT: 12.33 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

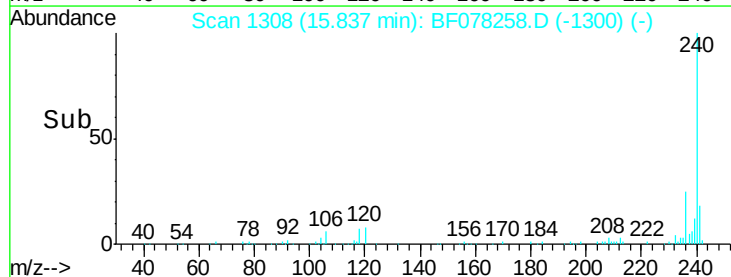
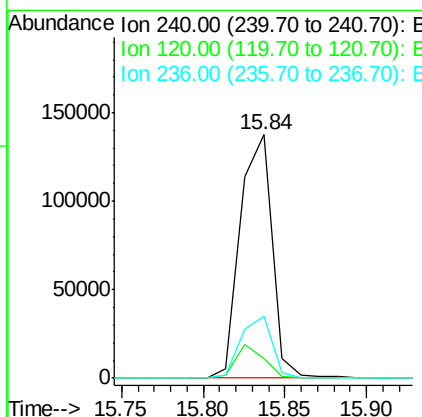
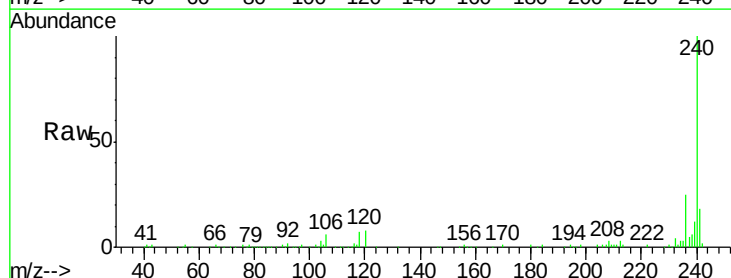
Instrument :
 BNA_F
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 W-05

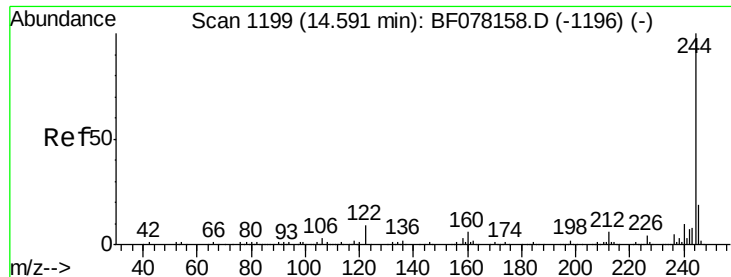
Tgt Ion: 266 Resp: 659
 Ion Ratio Lower Upper
 266 100
 268 70.7 50.1 75.1
 264 74.2 50.0 75.0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

Tgt Ion: 240 Resp: 186196
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.1 10.7
 236 25.2 21.4 32.2

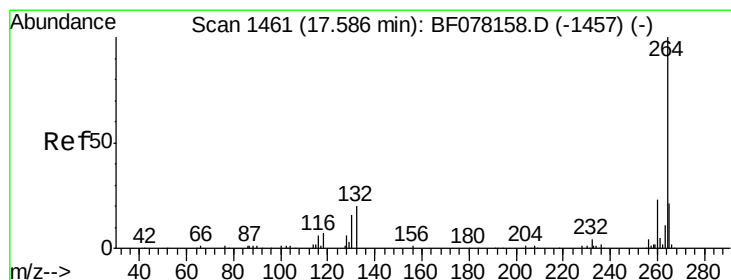
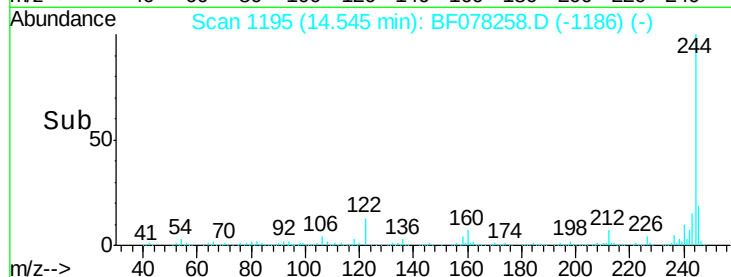
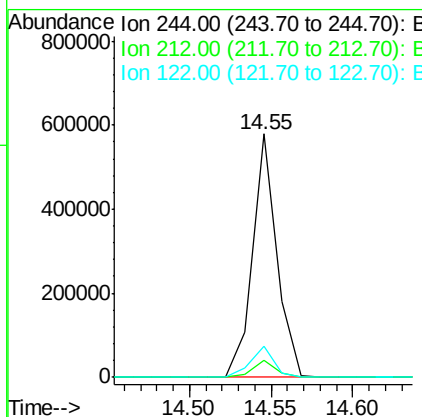
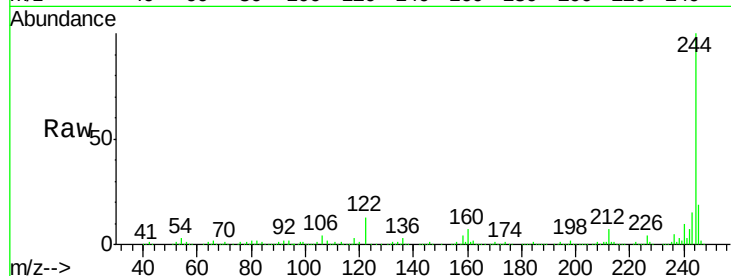




#78
 Terphenyl-d14
 Concen: 72.83 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	12.8	7.1	10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.61 min Scan# 1463
 Delta R.T. -0.03 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.6	17.0	25.6

