

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 01:47:07 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

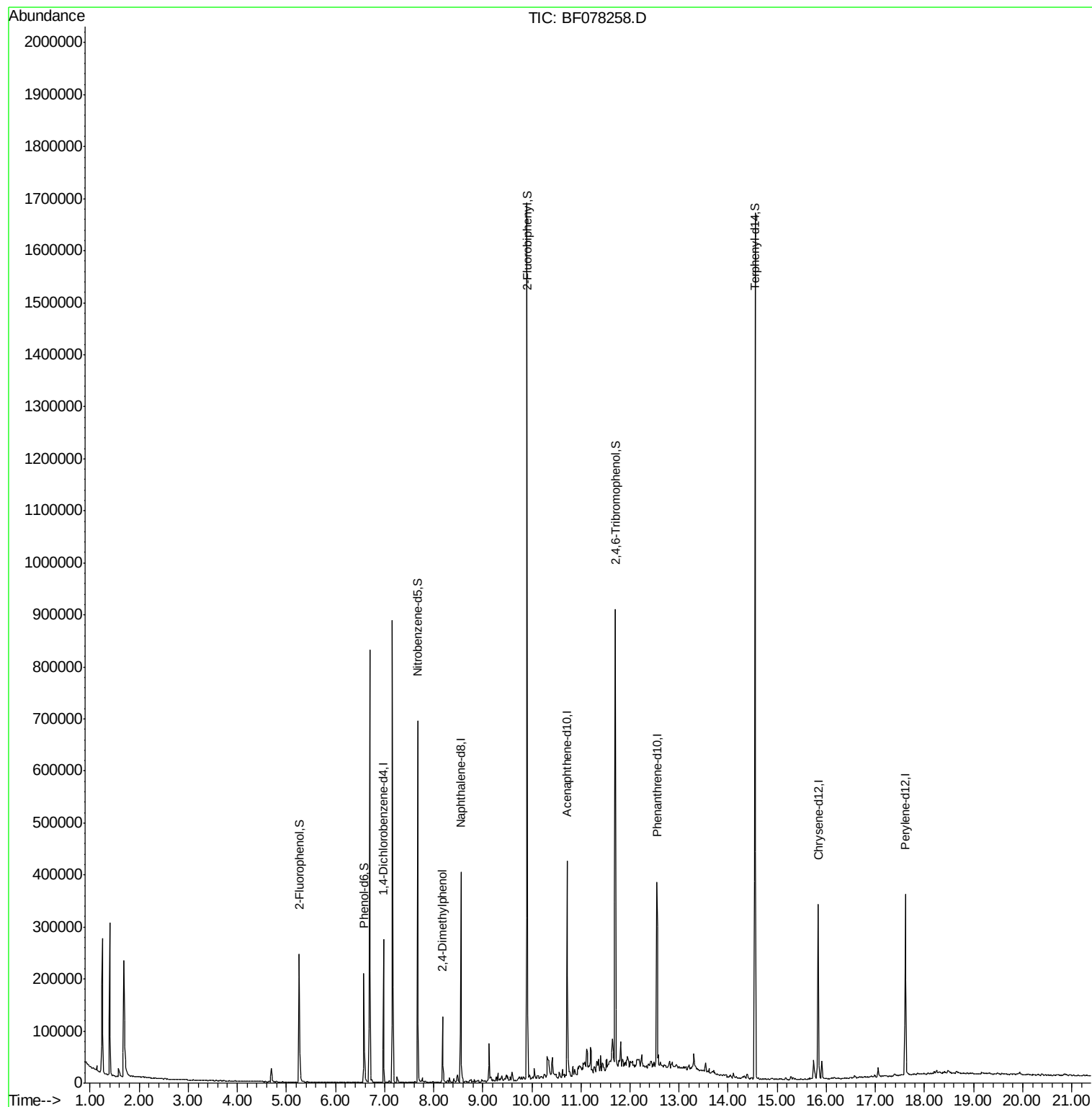
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	44863	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	178930	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	89746	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	179715	20.00	ng	-0.01
75) Chrysene-d12	15.84	240	186196	20.00	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

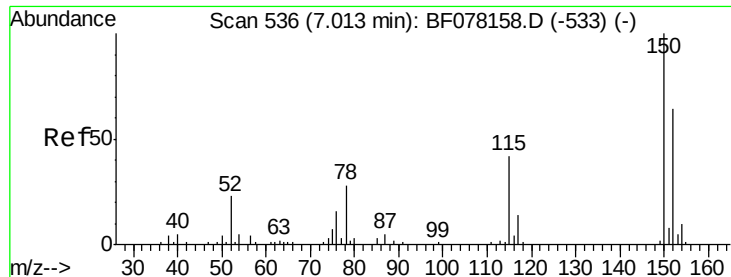
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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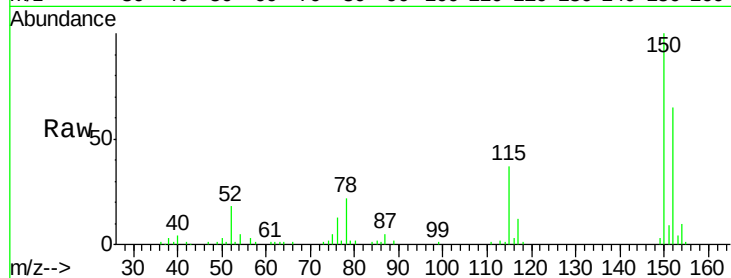


#1

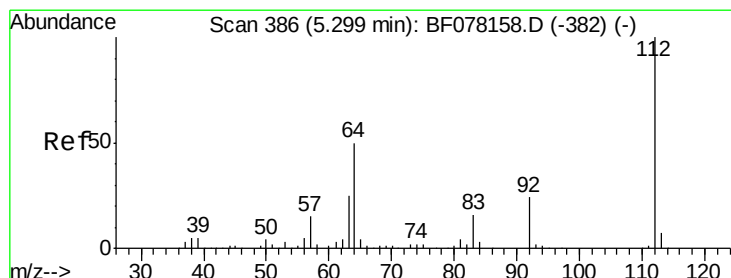
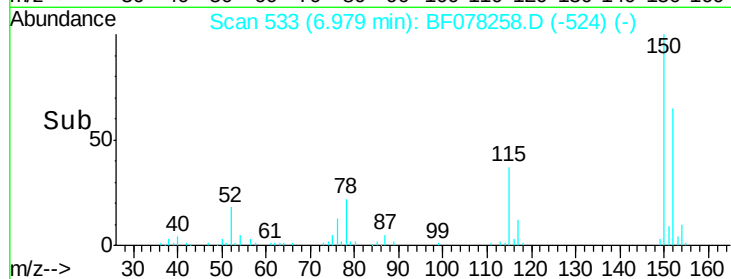
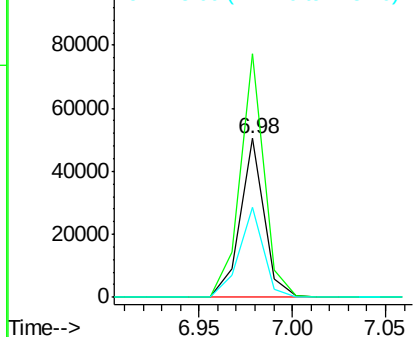
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

Instrument :
BNA_F
ClientSampleId :
W-05

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



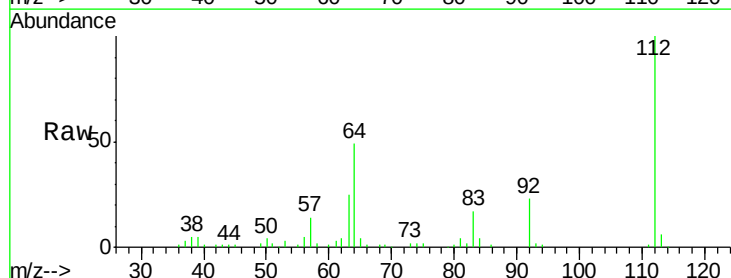
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



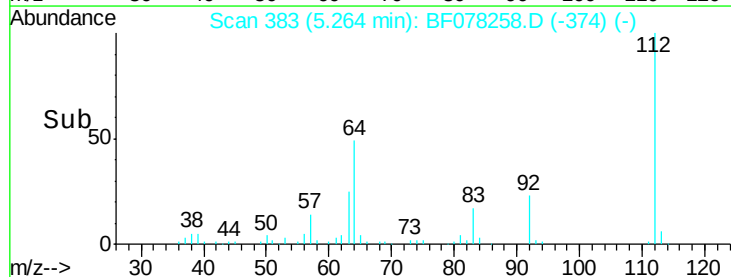
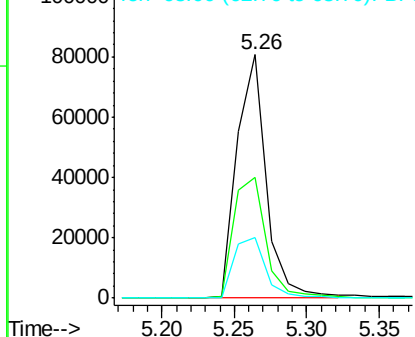
#5

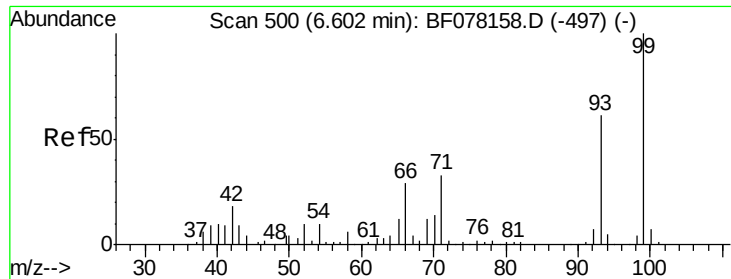
2-Fluorophenol
Concen: 41.55 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

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

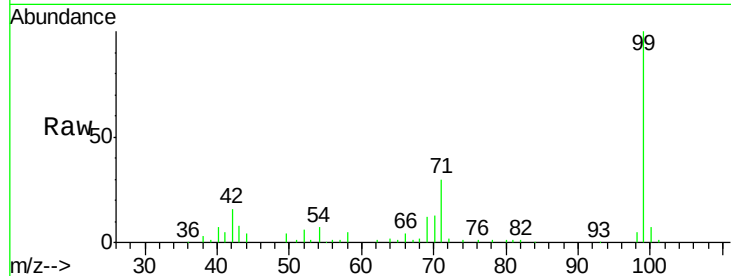
Tot Ion: 99 Resp: 86304

Ion Ratio Lower Upper

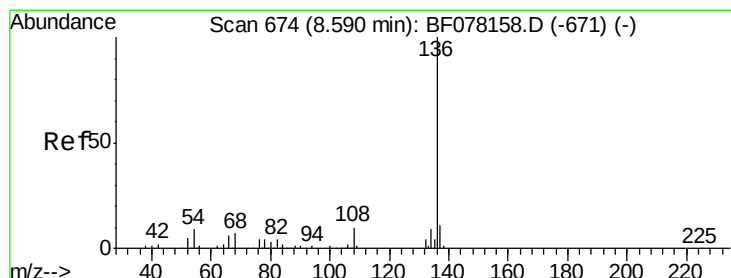
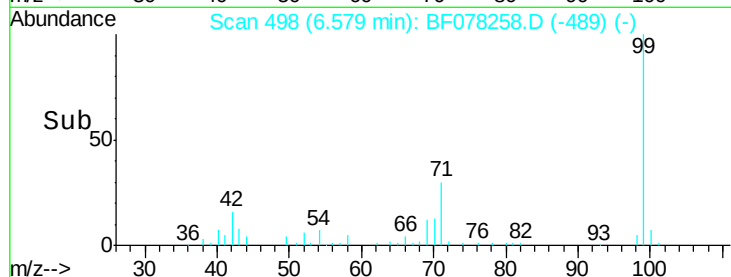
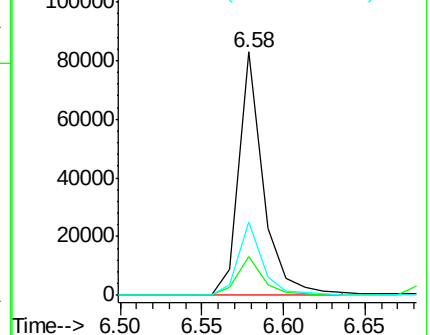
99 100

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

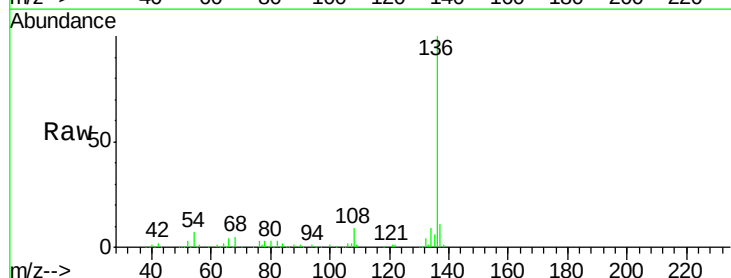
Ion Ratio Lower Upper

136 100

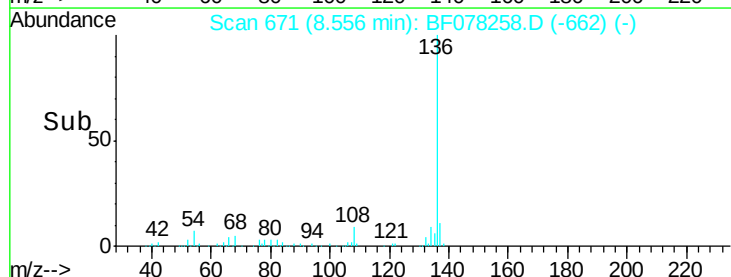
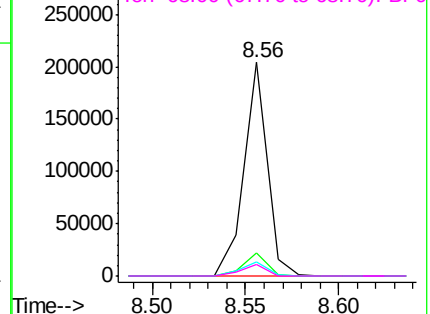
137 10.7 9.0 13.4

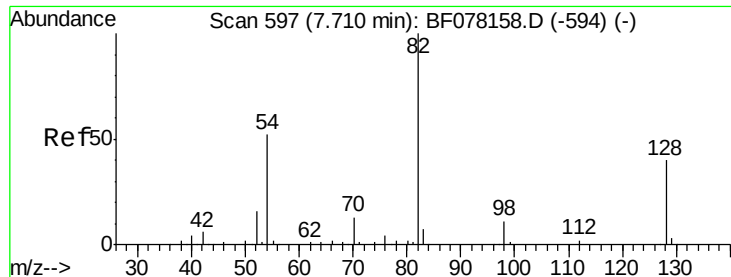
54 6.6 7.0 10.6#

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

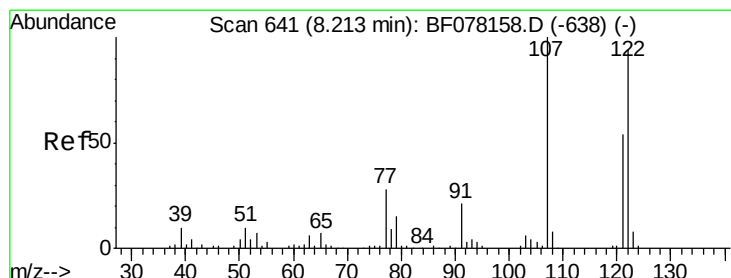
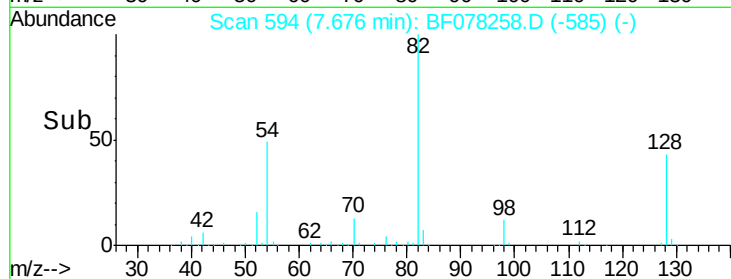
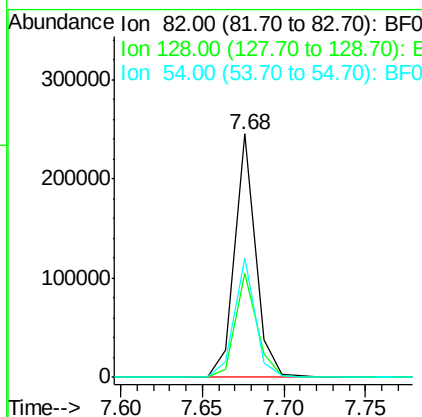
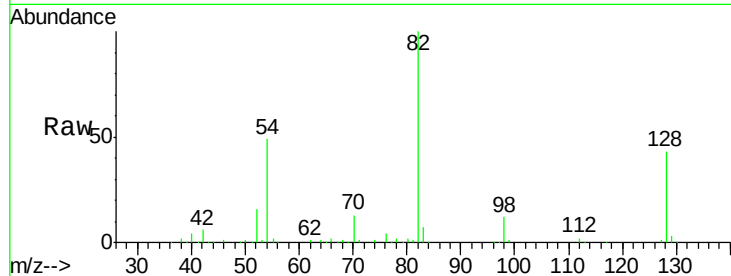




#23
 Nitrobenzene-d5
 Concen: 73.52 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

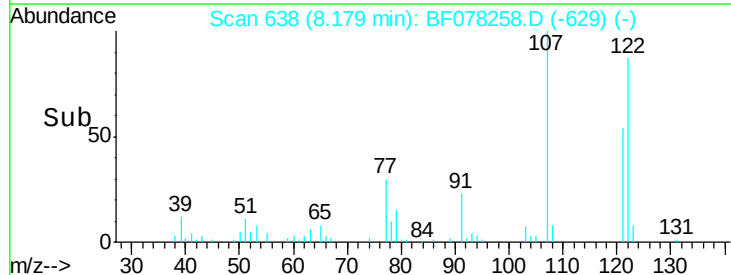
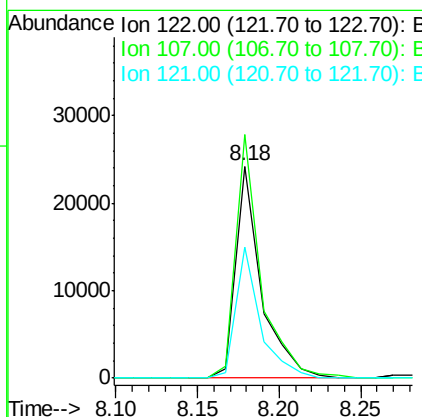
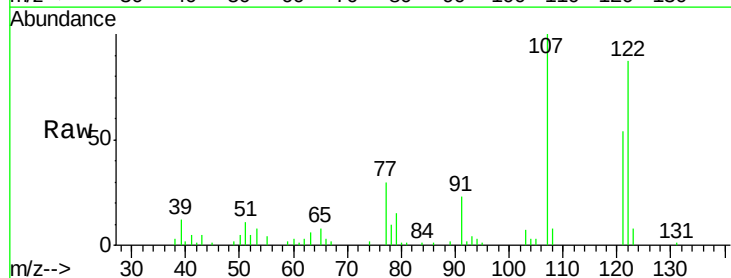
Instrument :
 BNA_F
 ClientSampleId :
 W-05

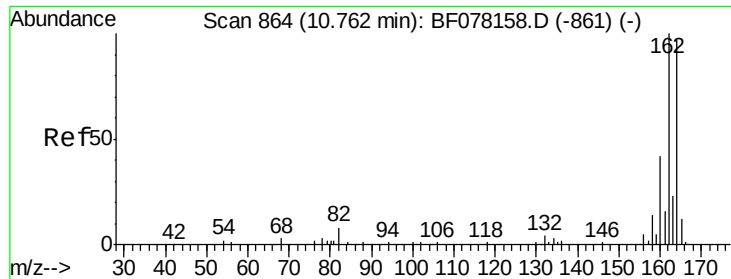
Tot Ion	82	Resp	217031
Ion Ratio	100	Lower	Upper
128	42.8	31.8	47.8
54	49.0	41.5	62.3



#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	122	Resp	25959
Ion Ratio	100	Lower	Upper
107	114.7	84.6	127.0
121	61.5	46.0	69.0

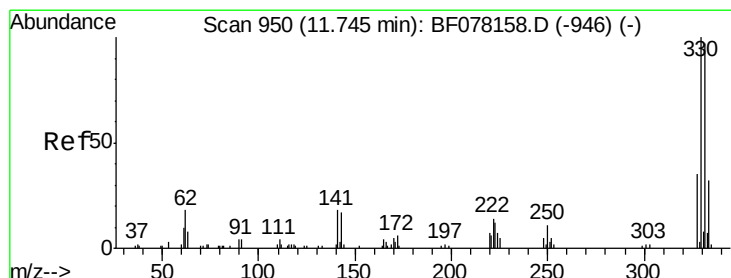
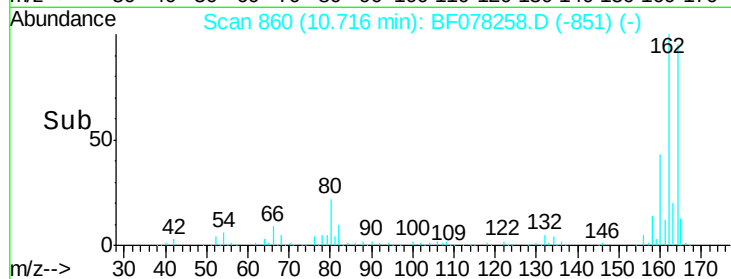
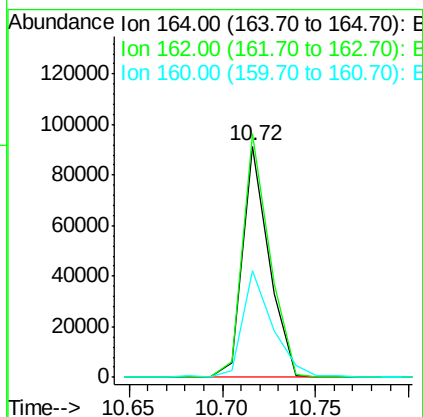
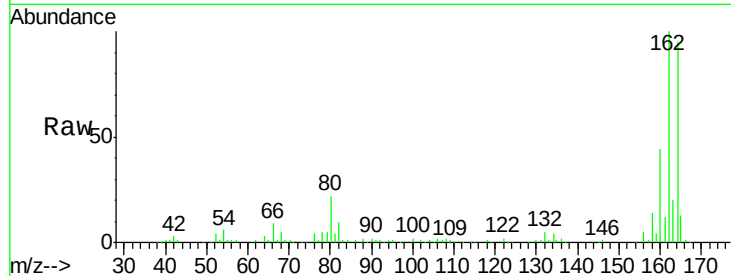




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

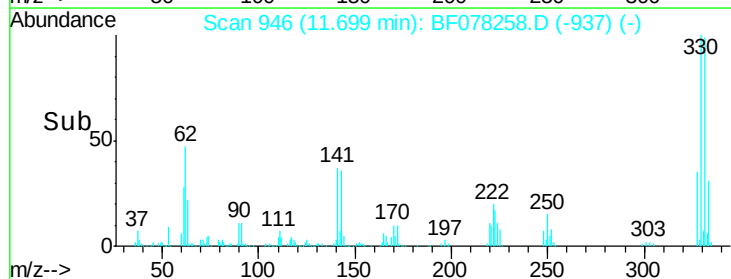
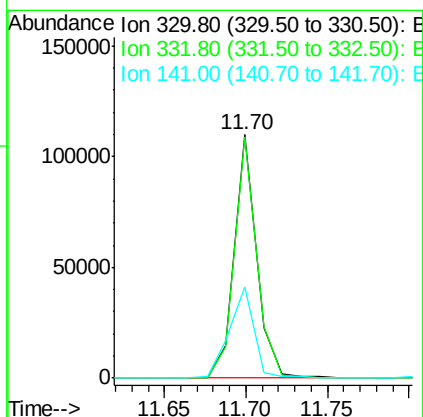
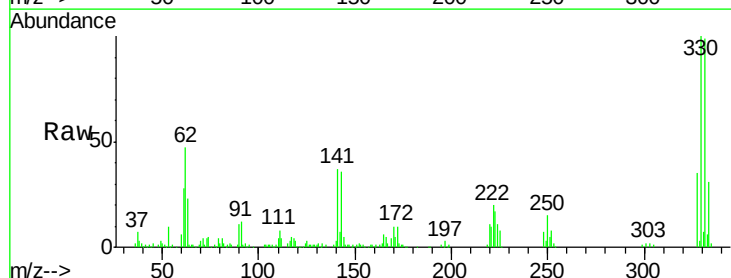
Instrument :
 BNA_F
 ClientSampleId :
 W-05

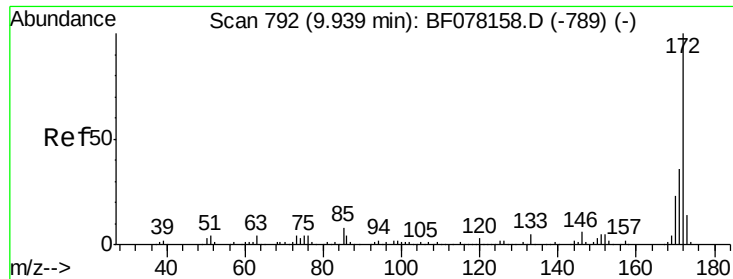
Tot Ion:164 Resp: 89746
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.2 123.2
 160 46.3 34.7 52.1



#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

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

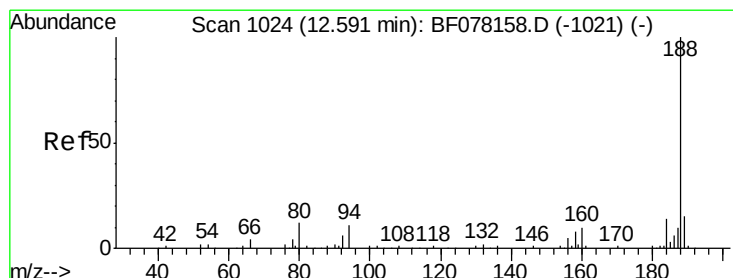
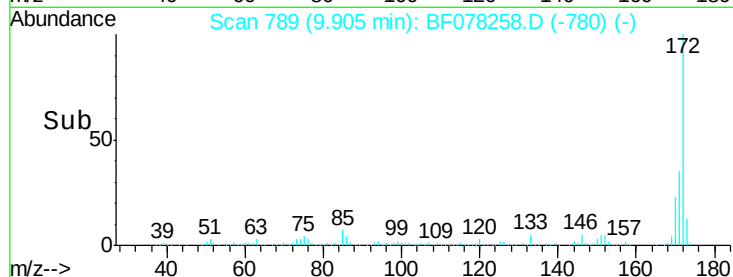
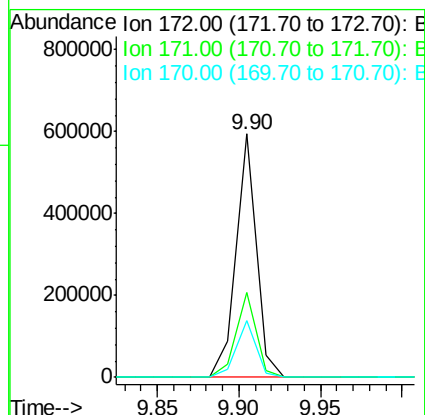
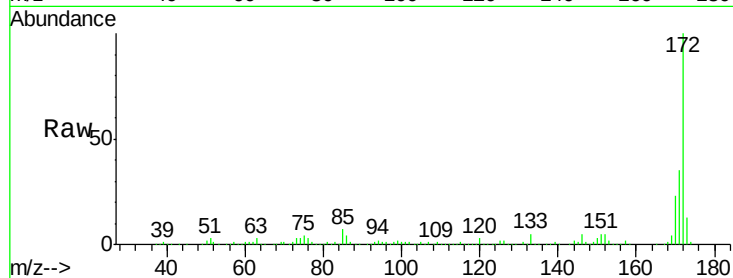




#44
 2-Fluorobiphenyl
 Concen: 80.71 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078258.D
 Acq: 6 Apr 2015 15:50

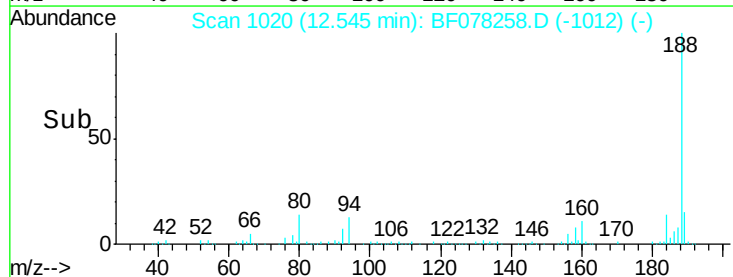
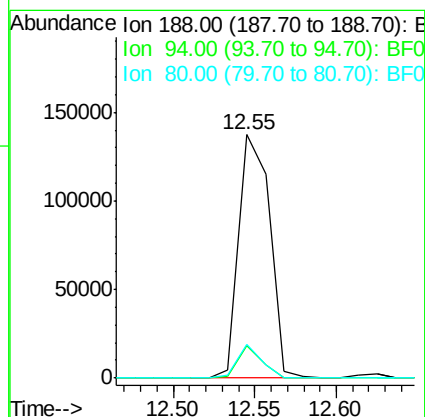
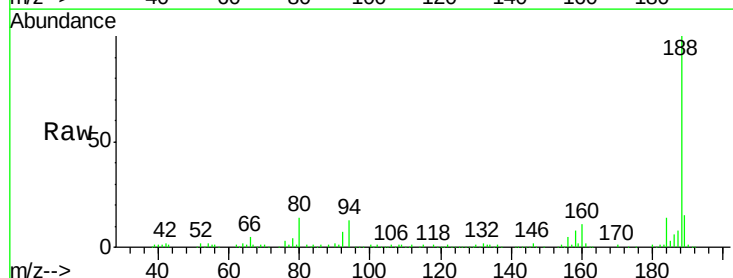
Instrument :
 BNA_F
 ClientSampleId :
 W-05

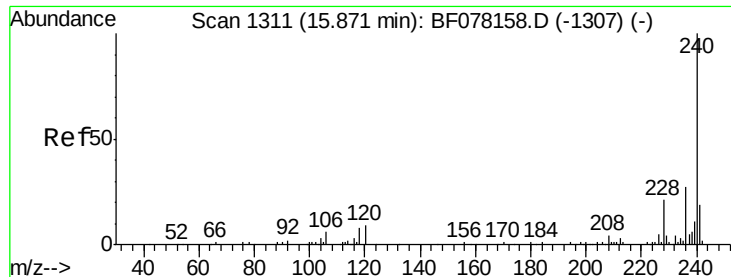
Tot Ion:172 Resp: 506757
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.5 18.5 27.7



#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





#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

Instrument :

BNA_F

ClientSampleId :

W-05

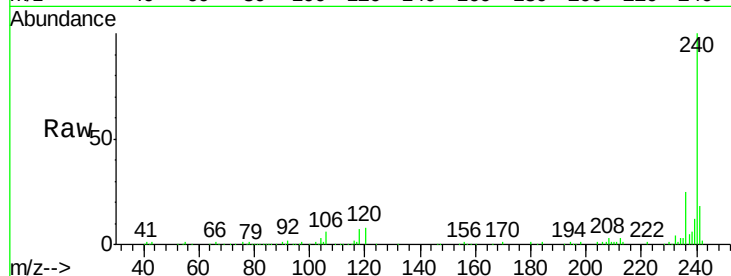
Tot Ion:240 Resp: 186196

Ion Ratio Lower Upper

240 100

120 8.1 7.1 10.7

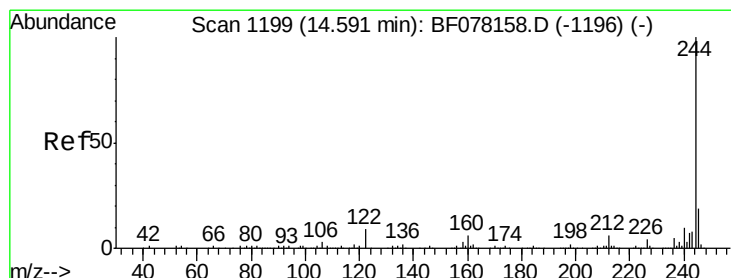
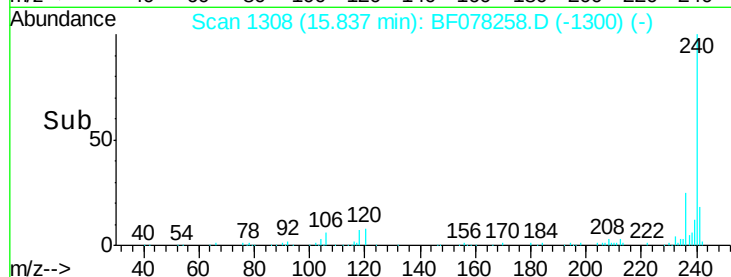
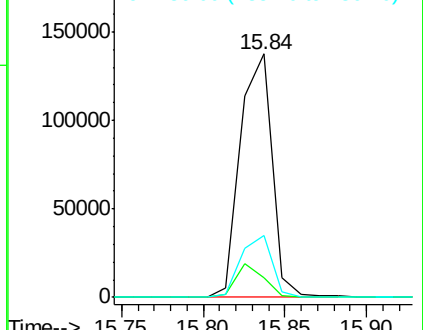
236 25.2 21.4 32.2



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: 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

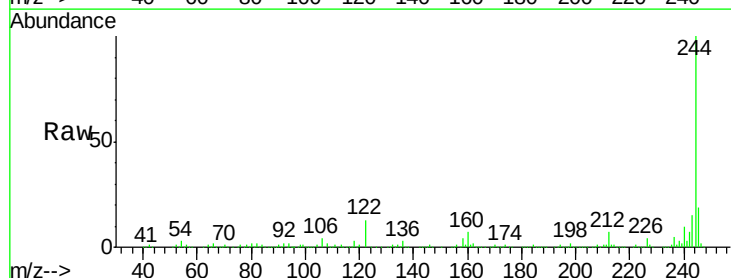
Tgt Ion:244 Resp: 600157

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

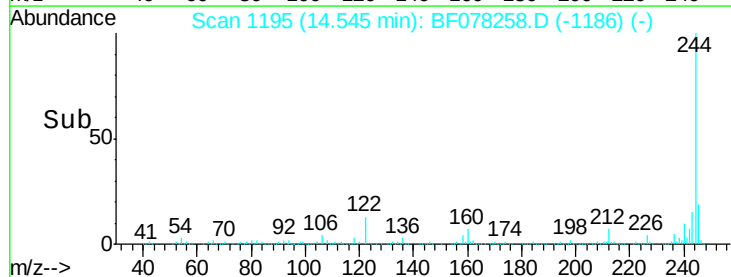
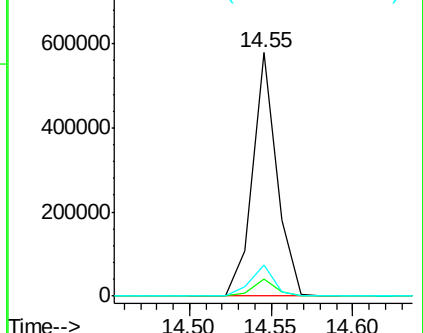
122 12.8 7.1 10.7#

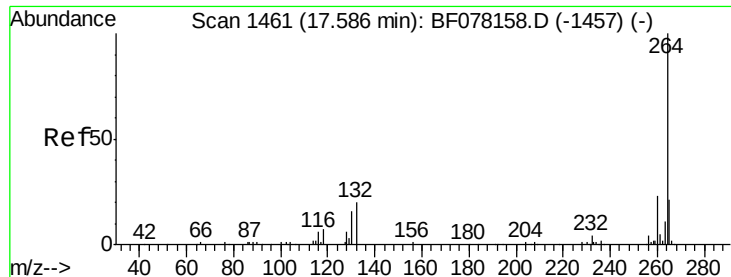


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



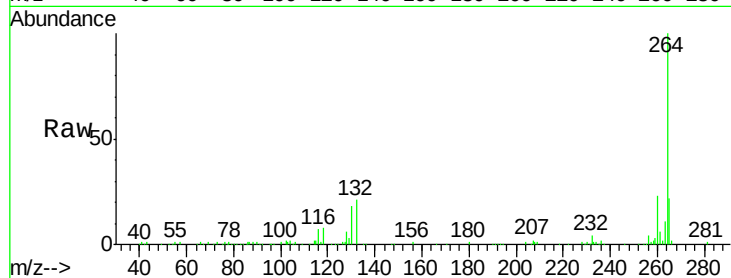


#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.61 min Scan# 1463
Delta R.T. -0.03 min
Lab File: BF078258.D
Acq: 6 Apr 2015 15:50

Instrument :
BNA_F
ClientSampleId :
W-05

Tot Ion: 264 Resp: 169755

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

