

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079945.D
 Acq On : 12 Jun 2015 20:05
 Operator : TP/IZ
 Sample : G2599-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W2-9.5-10

Quant Time: Jun 12 23:11:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

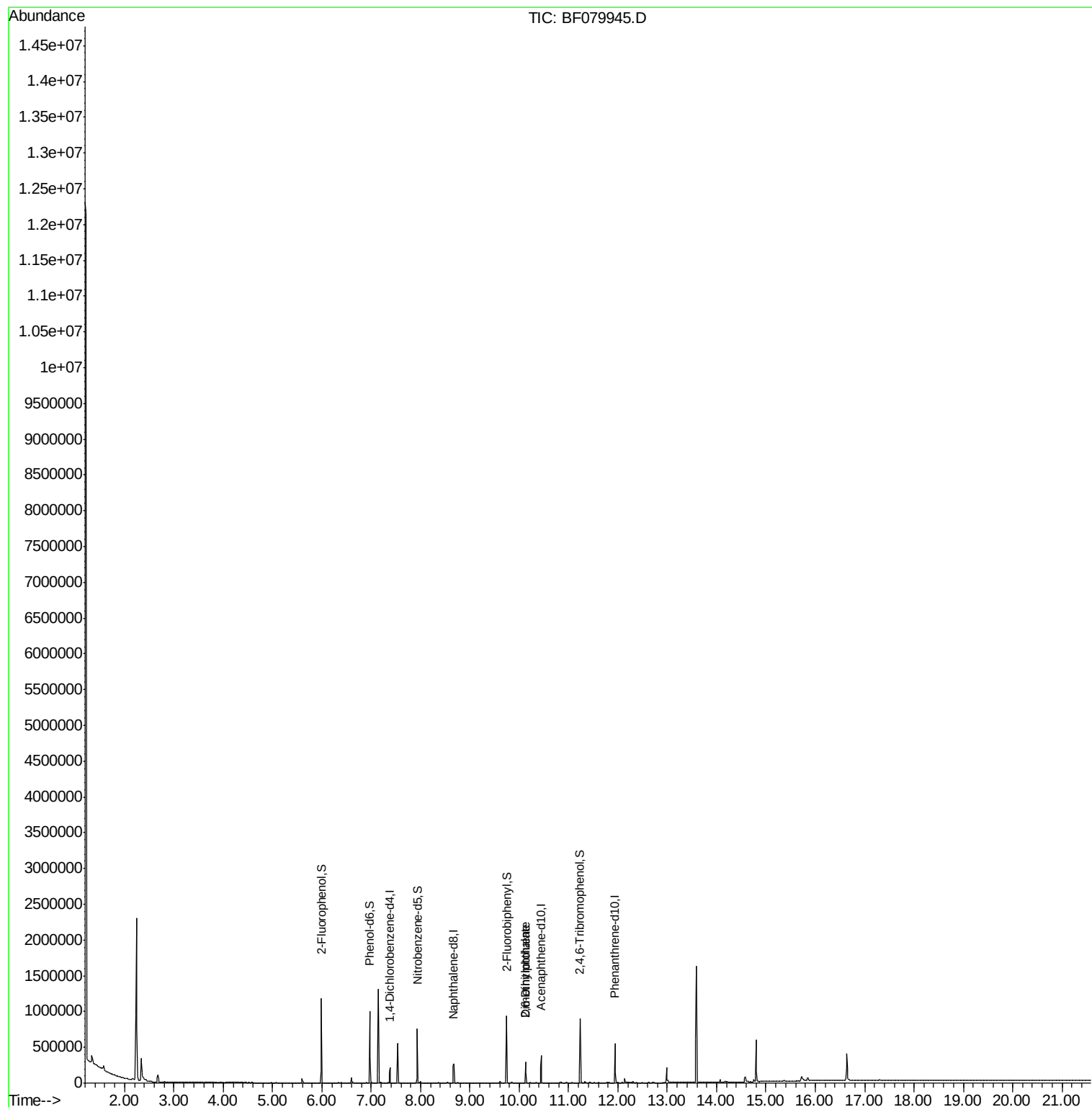
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	43493	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	174749	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	94116	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	204647	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	283173	119.39	ng	0.00
7) Phenol-d6	6.97	99	355881	110.13	ng	0.00
23) Nitrobenzene-d5	7.93	82	202233	76.36	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	91370	97.16	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	428045	63.69	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
49) Dimethylphthalate	10.12	163	142058	18.84	ng	Qvalue 100
50) 2,6-Dinitrotoluene	10.12	165	1724	4.22	ng	# 1

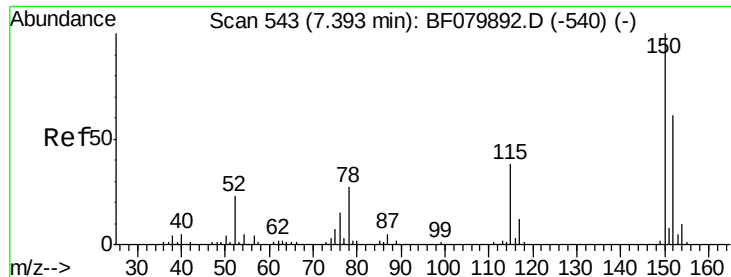
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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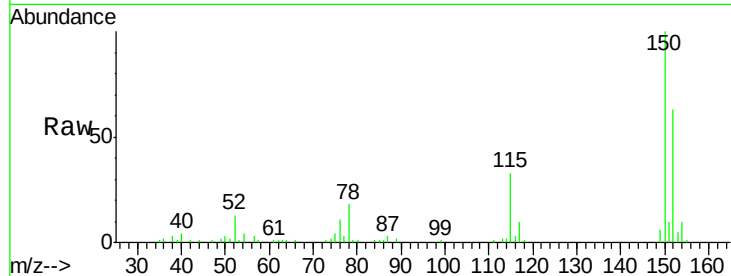


#1

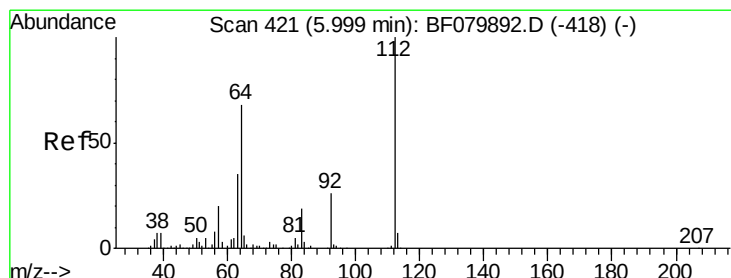
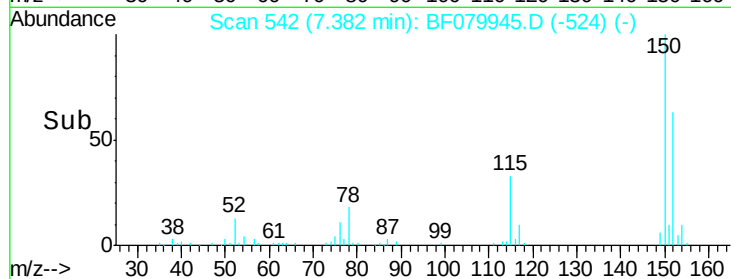
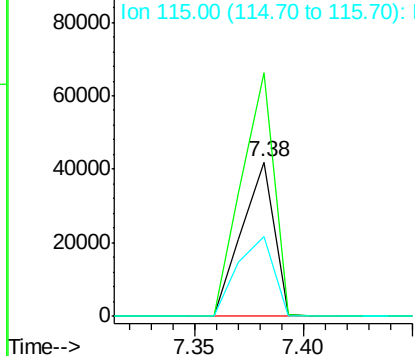
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079945.D
Acq: 12 Jun 2015 20:05

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W2-9.5-10

Tgt Ion:152 Resp: 43493
Ion Ratio Lower Upper
152 100
150 157.5 131.0 196.4
115 51.3 49.8 74.6



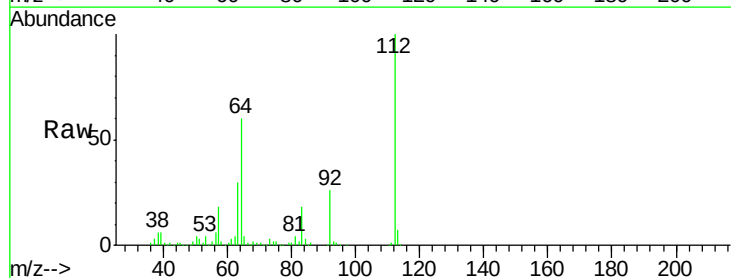
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



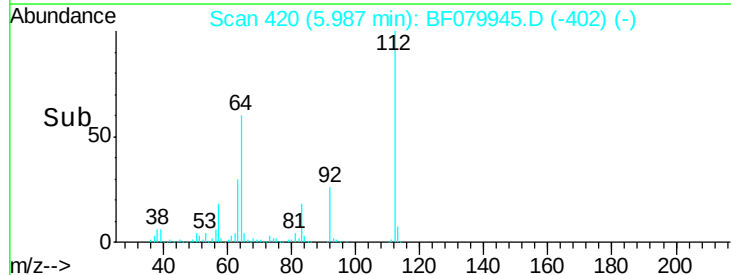
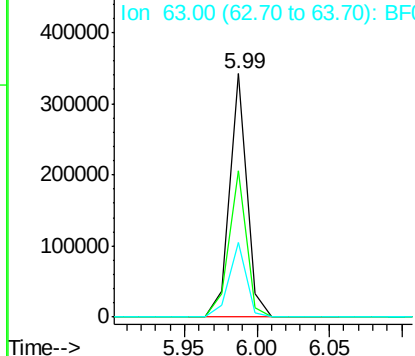
#5

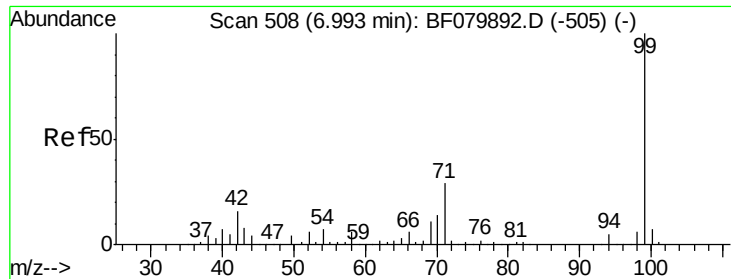
2-Fluorophenol
Concen: 119.39 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079945.D
Acq: 12 Jun 2015 20:05

Tgt Ion:112 Resp: 283173
Ion Ratio Lower Upper
112 100
64 59.9 54.5 81.7
63 30.4 27.9 41.9



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: 110.13 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079945.D

Acq: 12 Jun 2015 20:05

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W2-9.5-10

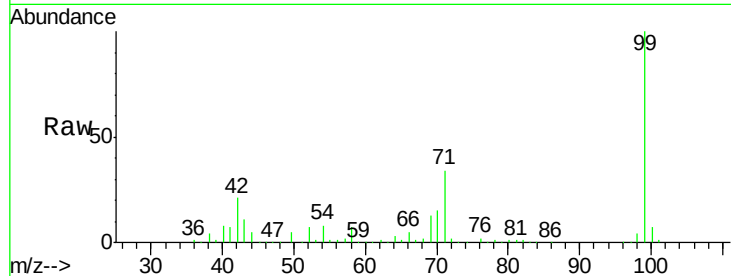
Tgt Ion: 99 Resp: 355881

Ion Ratio Lower Upper

99 100

42 21.1 12.9 19.3#

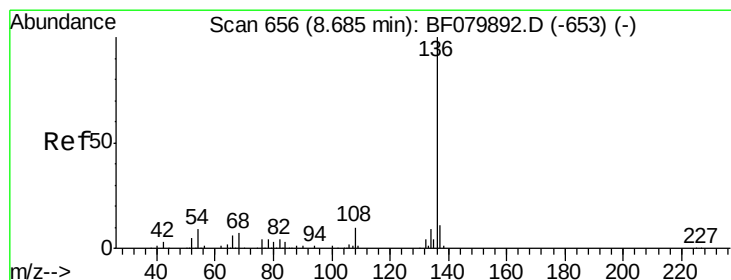
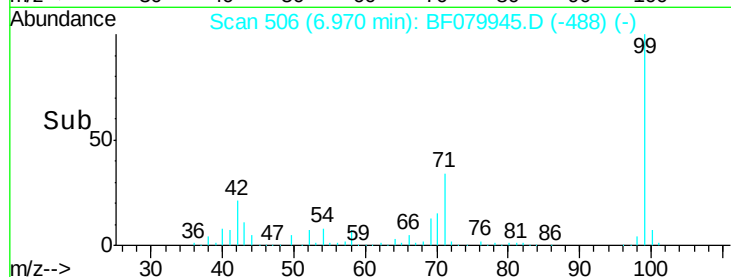
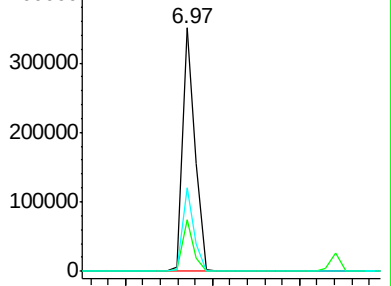
71 34.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079892.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BF079892.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BF079892.D (-505) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079945.D

Acq: 12 Jun 2015 20:05

Tgt Ion: 136 Resp: 174749

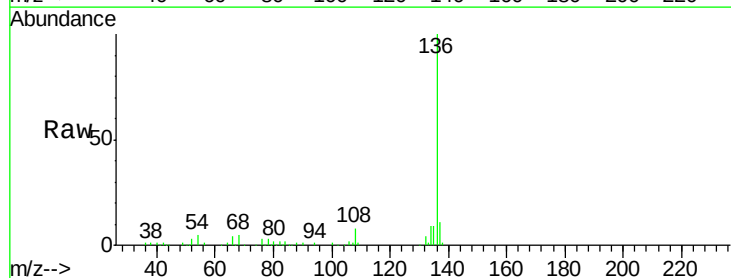
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.0 7.3 10.9#

68 4.8 5.9 8.9#

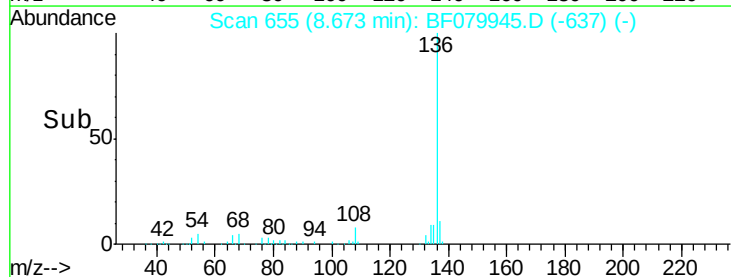
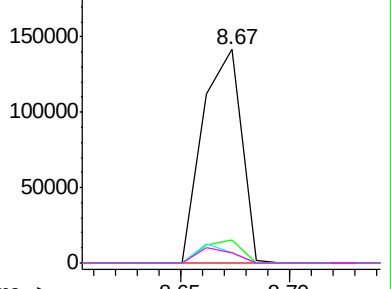


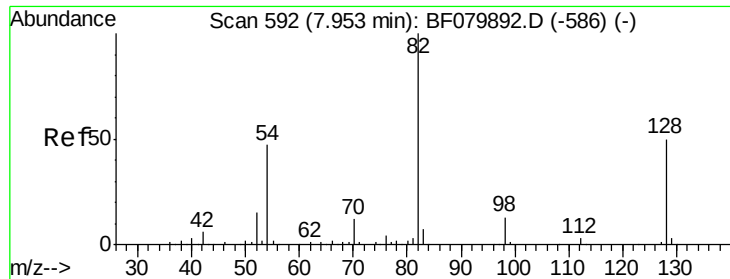
Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

Ion 137.00 (136.70 to 137.70): BF079892.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-653) (-)

Ion 68.00 (67.70 to 68.70): BF079892.D (-653) (-)

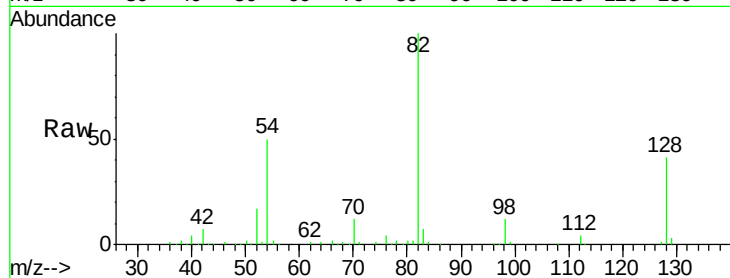




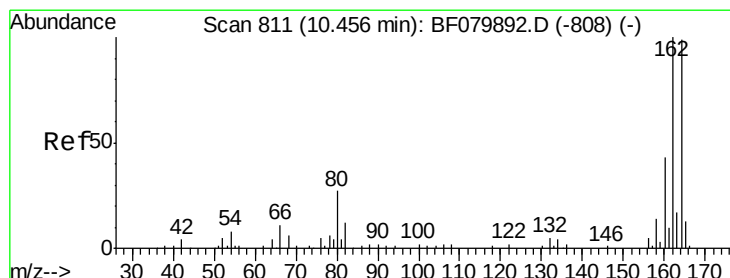
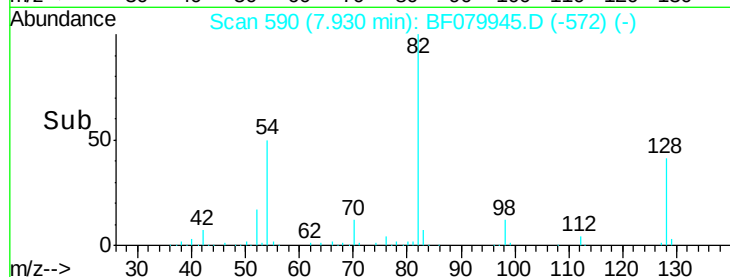
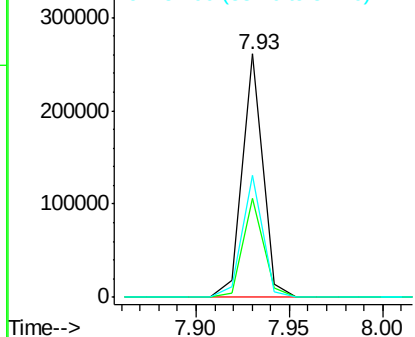
#23
 Nitrobenzene-d5
 Concen: 76.36 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079945.D
 Acq: 12 Jun 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W2-9.5-10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	40.3	60.5
54	50.3	38.0	57.0

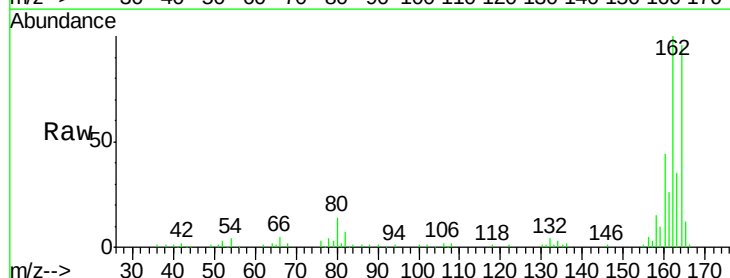


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

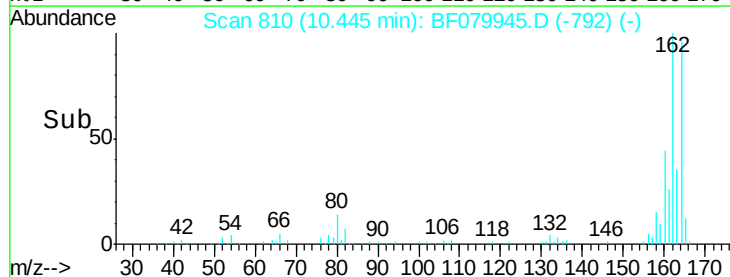
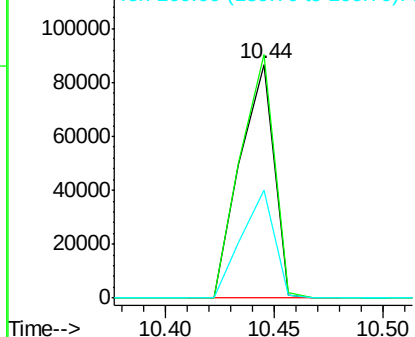


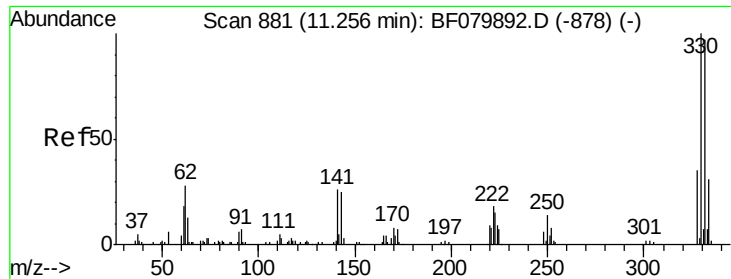
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079945.D
 Acq: 12 Jun 2015 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.7	121.1
160	46.0	34.6	51.8



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

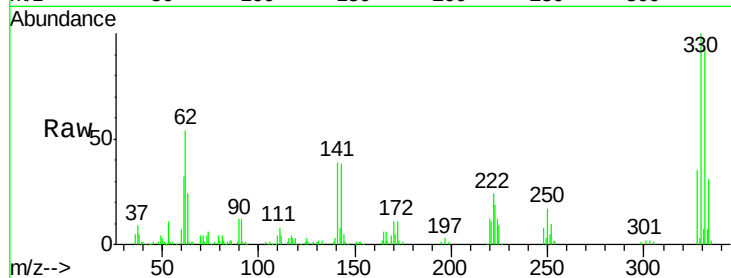




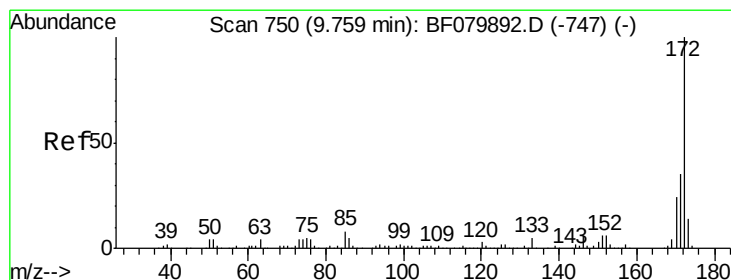
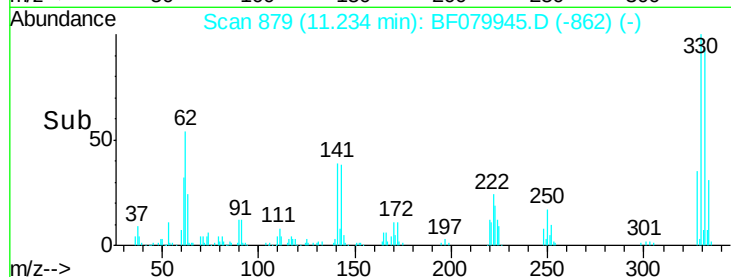
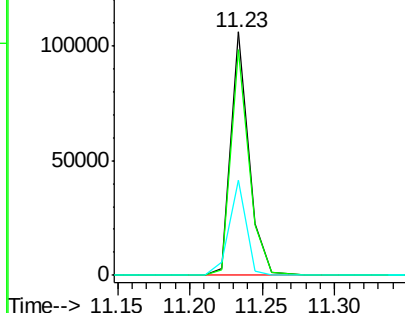
#41
 2,4,6-Tribromophenol
 Concen: 97.16 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079945.D
 Acq: 12 Jun 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W2-9.5-10

Tgt Ion:330 Resp: 91370
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.3 115.9
 141 37.1 26.8 40.2

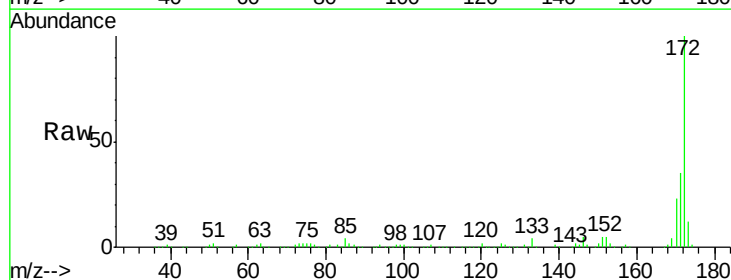


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

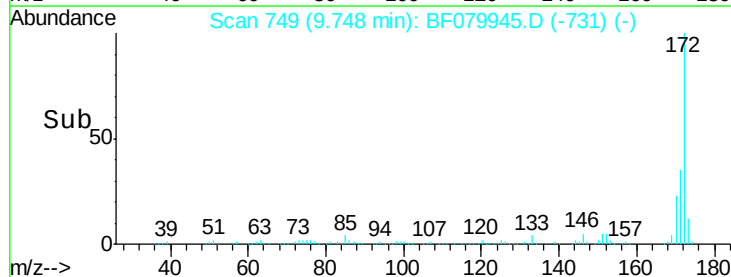
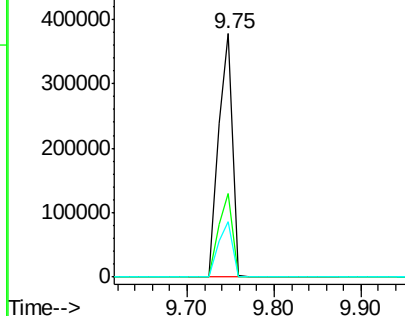


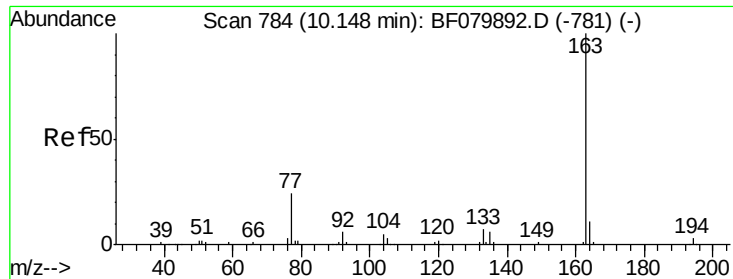
#44
 2-Fluorobiphenyl
 Concen: 63.69 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079945.D
 Acq: 12 Jun 2015 20:05

Tgt Ion:172 Resp: 428045
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.3 42.5
 170 23.0 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

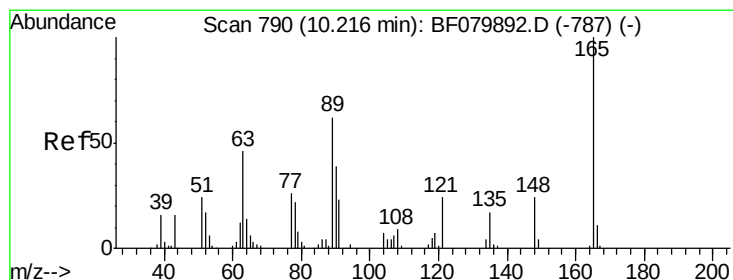
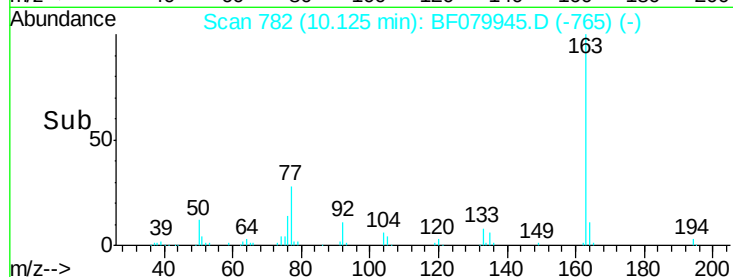
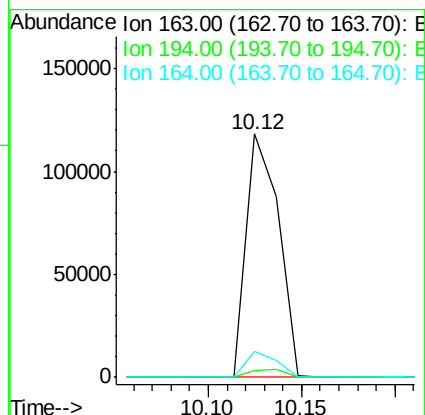
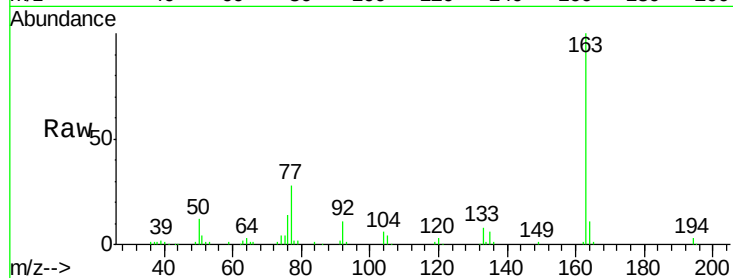




#49
Dimethylphthalate
Concen: 18.84 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079945.D
Acq: 12 Jun 2015 20:05

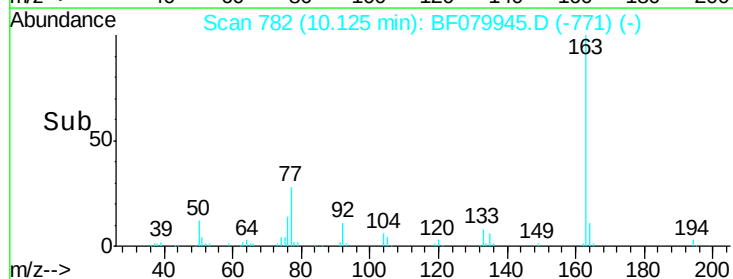
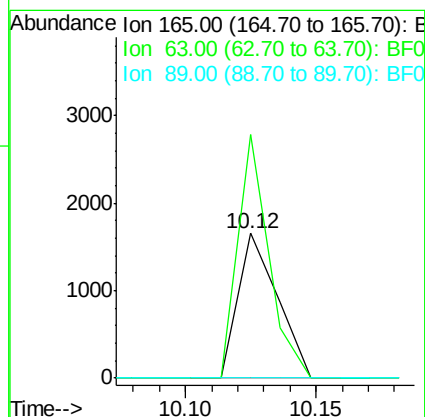
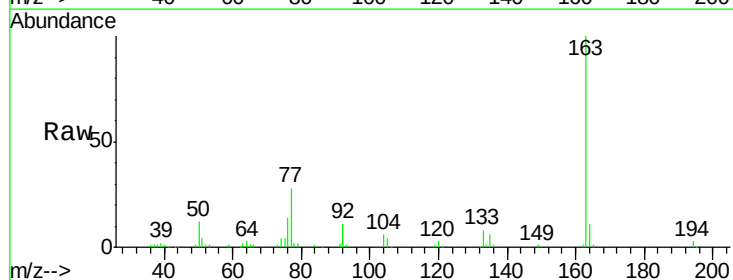
Instrument :
BNA_F
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VALHALLA-W2-9.5-10

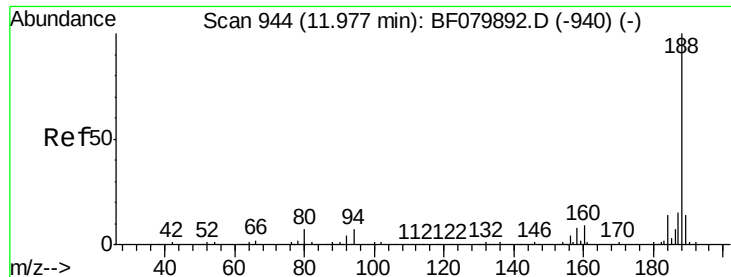
Tgt Ion:163 Resp: 142058
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.8 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 4.22 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.08 min
Lab File: BF079945.D
Acq: 12 Jun 2015 20:05

Tgt Ion:165 Resp: 1724
Ion Ratio Lower Upper
165 100
63 168.3 46.4 69.6#
89 0.0 49.6 74.4#

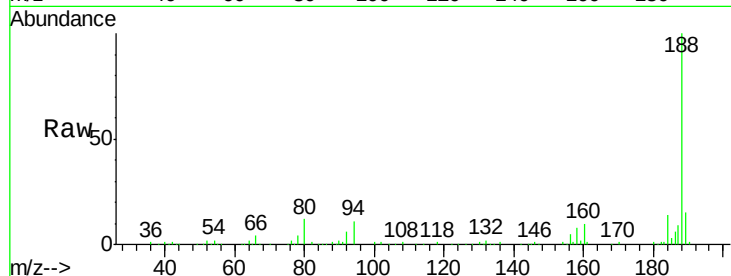




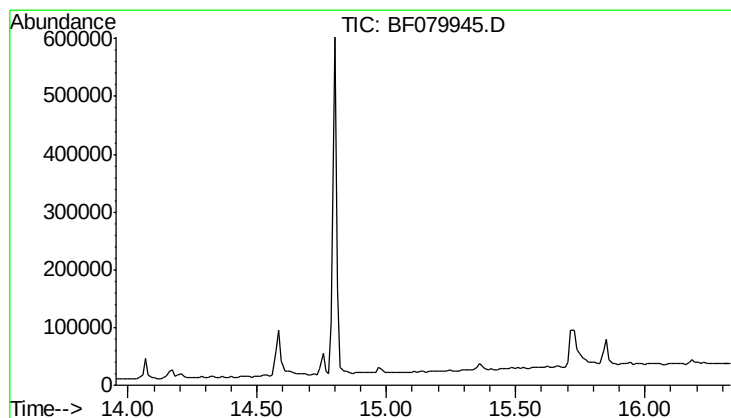
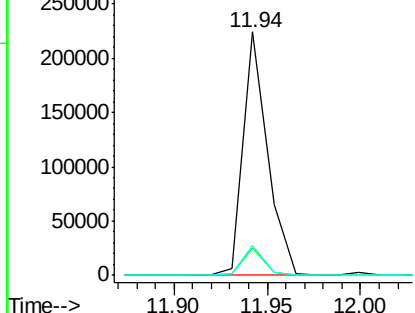
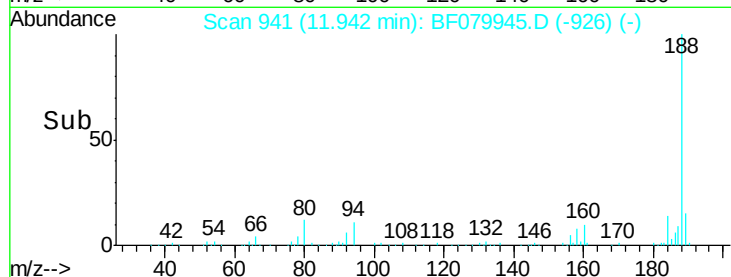
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF079945.D
 Acq: 12 Jun 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W2-9.5-10

Tgt Ion: 188 Resp: 204647
 Ion Ratio Lower Upper
 188 100
 94 11.1 5.8 8.8#
 80 12.3 5.9 8.9#



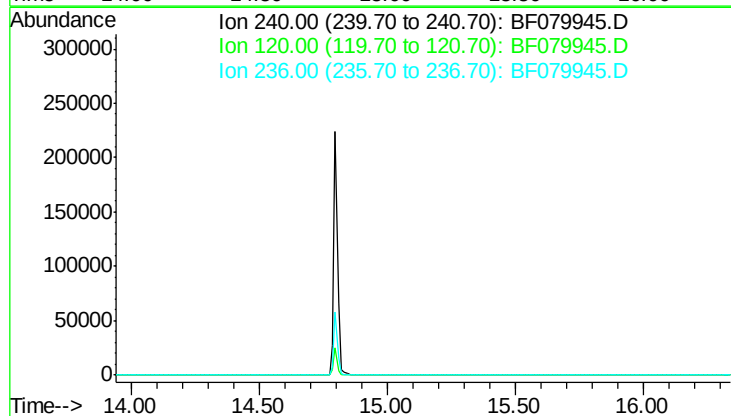
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

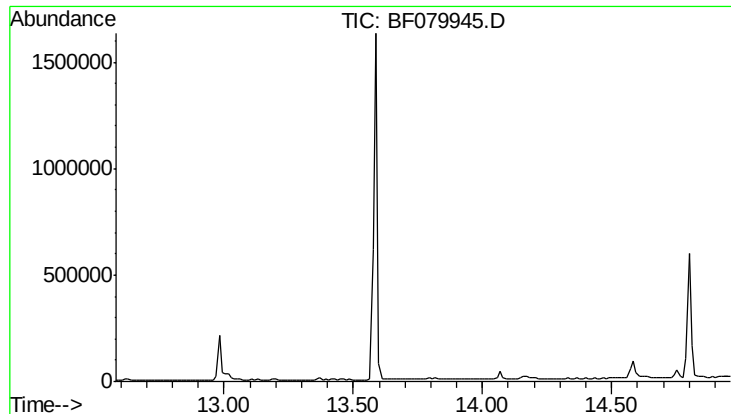


#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min

Lab File: BF079945.D
 Acq: 12 Jun 2015 20:05

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.8
 236 24.5

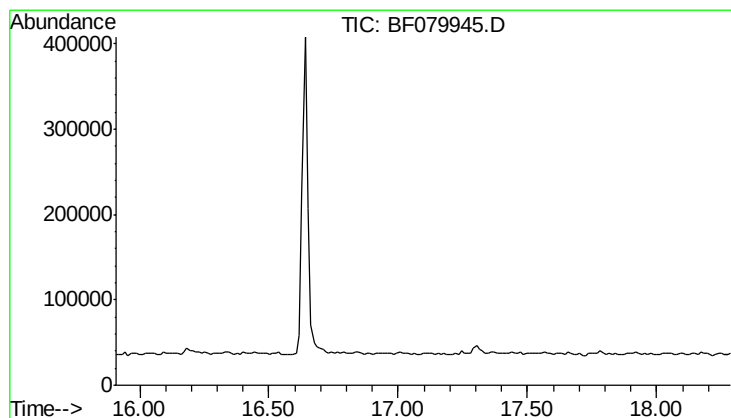
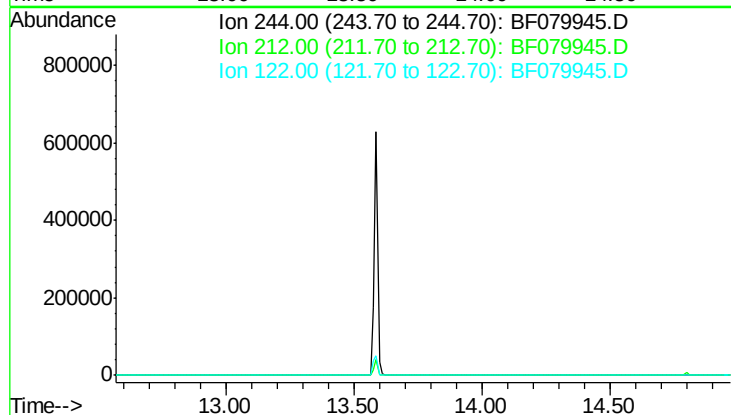




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 13.77 min
 Lab File: BF079945.D
 Acq: 12 Jun 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W2-9.5-10

Tgt Ion	Exp Ratio
244	100
212	6.8
122	9.8



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 17.10 min
 Lab File: BF079945.D
 Acq: 12 Jun 2015 20:05

Tgt Ion	Exp Ratio
264	100
260	24.1
265	21.3

