

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079974.D
 Acq On : 13 Jun 2015 12:34
 Operator : TP/IZ
 Sample : G2599-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10

Quant Time: Jun 15 00:58:22 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

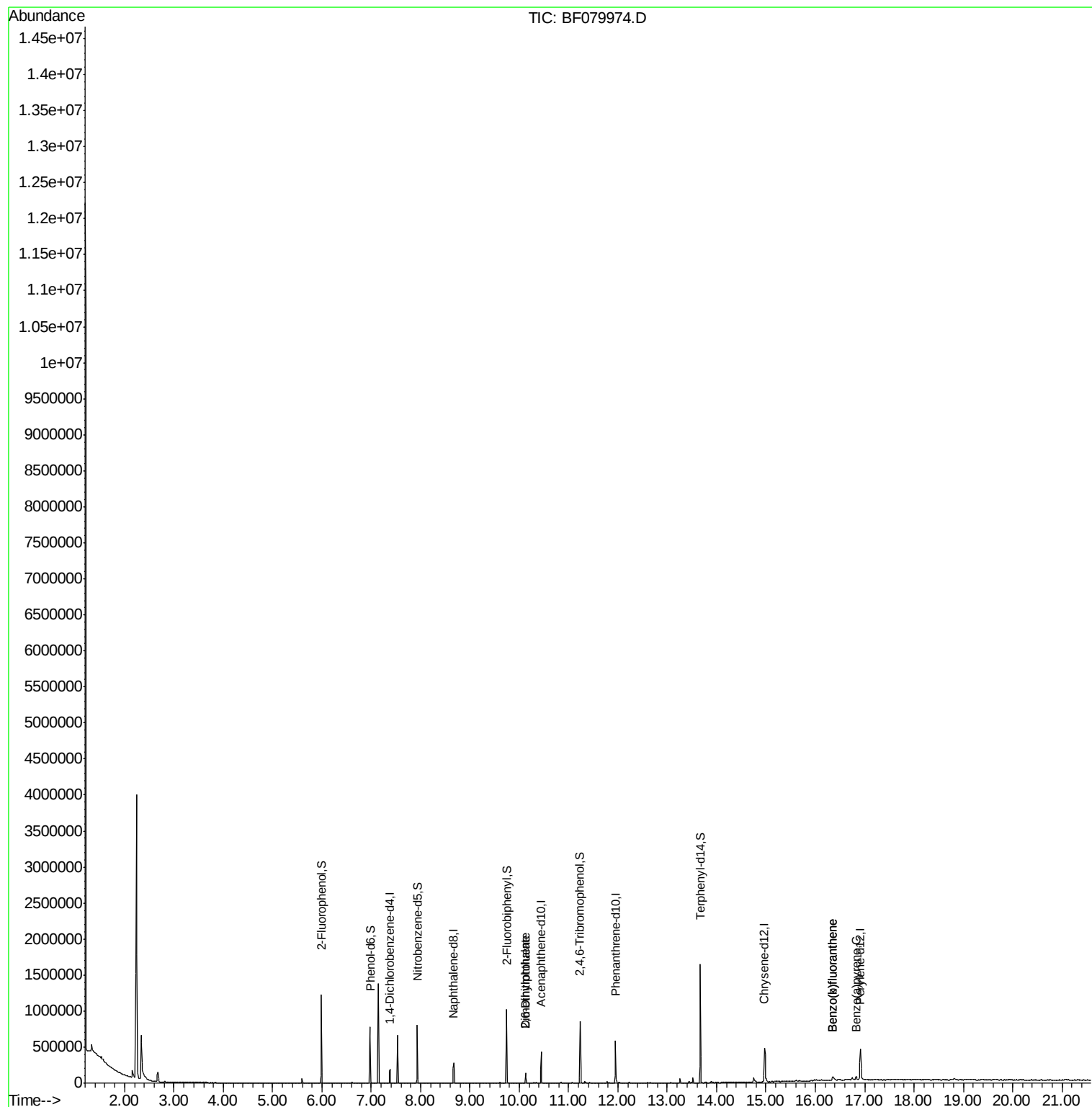
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	42602	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	168358	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	95282	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	209630	20.00	ng	-0.02
75) Chrysene-d12	14.97	240	238361	20.00	ng	-0.17
86) Perylene-d12	16.91	264	240893	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	296030	127.42	ng	0.00
7) Phenol-d6	6.98	99	374310	118.25	ng	0.01
23) Nitrobenzene-d5	7.93	82	215412	84.42	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	89726	94.33	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	436090	64.09	ng	0.00
78) Terphenyl-d14	13.67	244	556035	53.78	ng	-0.10
Target Compounds						
49) Dimethylphthalate	10.12	163	71524	9.37	ng	Qvalue 100
50) 2,6-Dinitrotoluene	10.12	165	800	3.58	ng	# 1
87) Benzo(b)fluoranthene	16.35	252	52240	3.54	ng	# 97
88) Benzo(k)fluoranthene	16.35	252	52240	3.47	ng	# 98
89) Benzo(a)pyrene	16.83	252	29208	2.08	ng	93

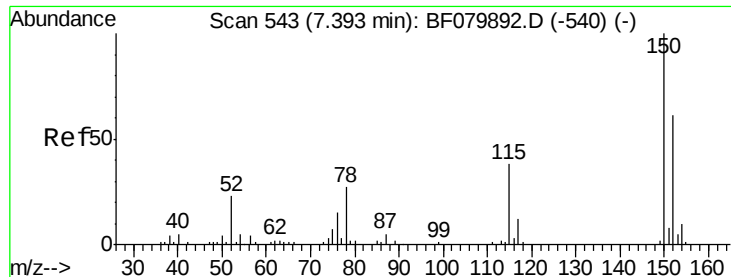
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079974.D
Acq On : 13 Jun 2015 12:34
Operator : TP/IZ
Sample : G2599-01
Misc :
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Instrument :
BNA_F
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VALHALLA-W1-9.5-10

Quant Time: Jun 15 00:58:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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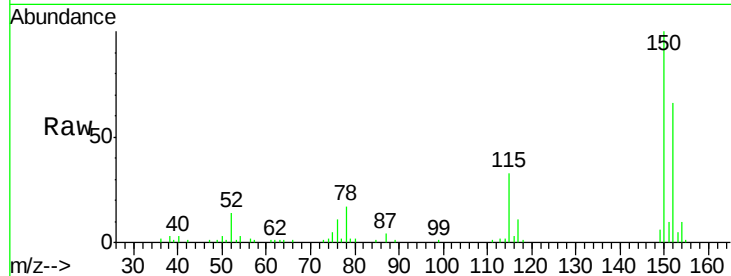


#1

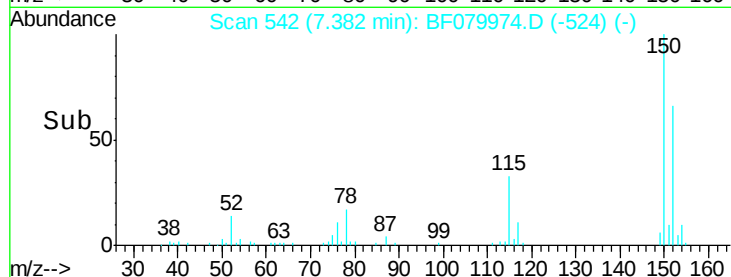
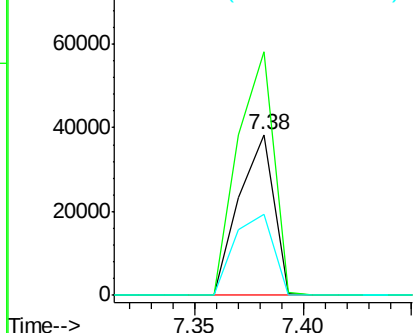
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10

Tgt Ion:152 Resp: 42602
Ion Ratio Lower Upper
152 100
150 151.3 131.0 196.4
115 50.0 49.8 74.6



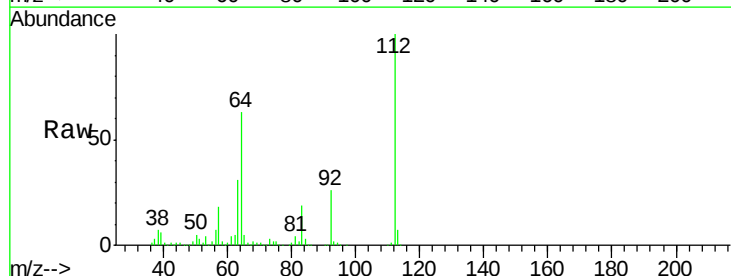
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



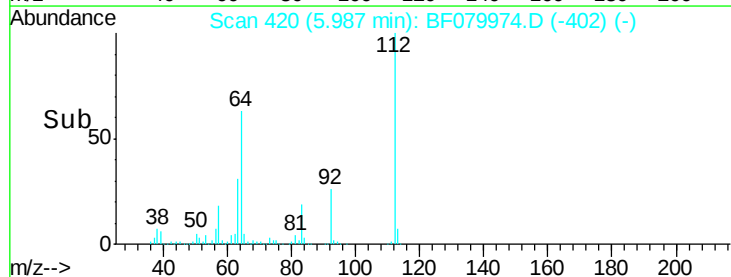
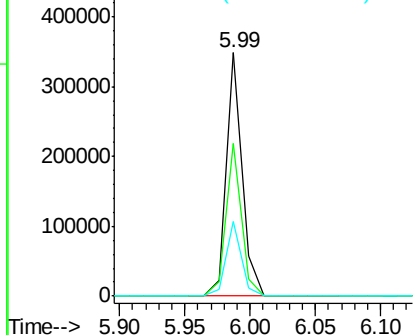
#5

2-Fluorophenol
Concen: 127.42 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Tgt Ion:112 Resp: 296030
Ion Ratio Lower Upper
112 100
64 62.6 54.5 81.7
63 30.6 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: 118.25 ng

RT: 6.98 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10

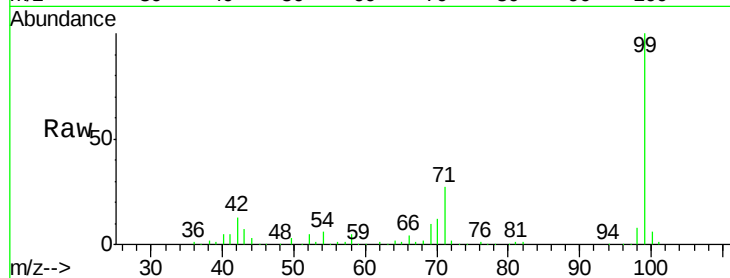
Tgt Ion: 99 Resp: 374310

Ion Ratio Lower Upper

99 100

42 12.8 12.9 19.3#

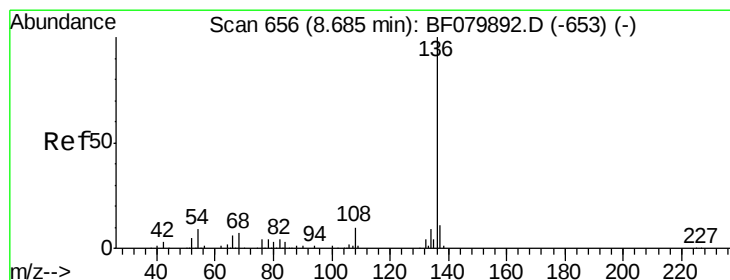
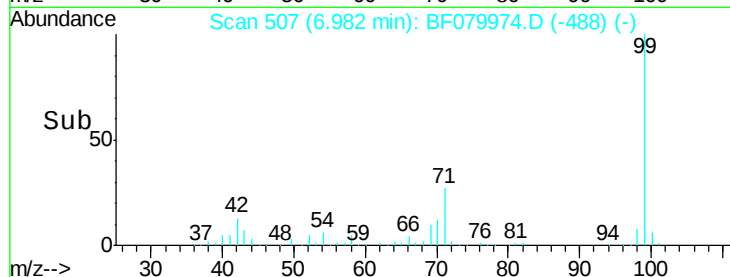
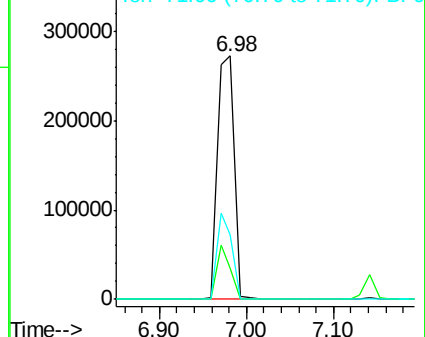
71 26.5 23.4 35.2



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: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Tgt Ion: 136 Resp: 168358

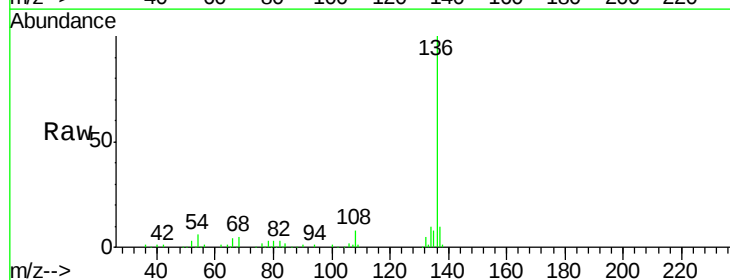
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 5.6 7.3 10.9#

68 4.7 5.9 8.9#

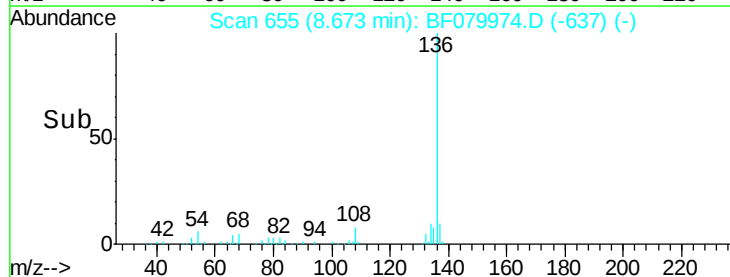
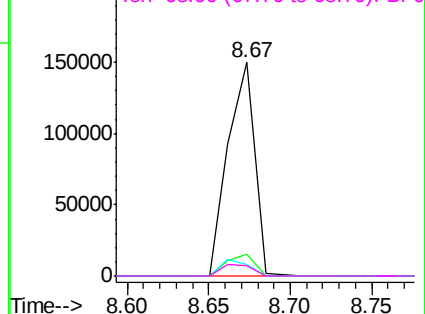


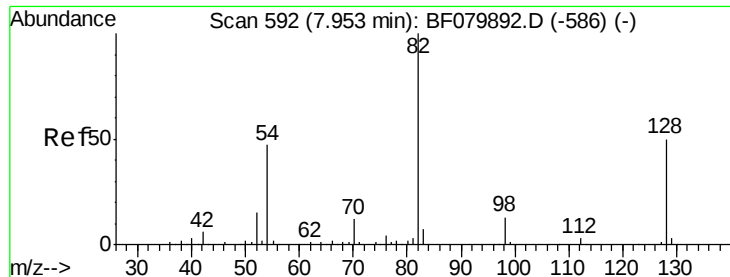
Abundance Ion 136.00 (135.70 to 136.70): E

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

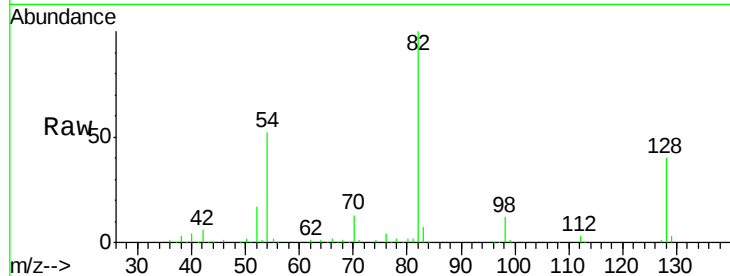




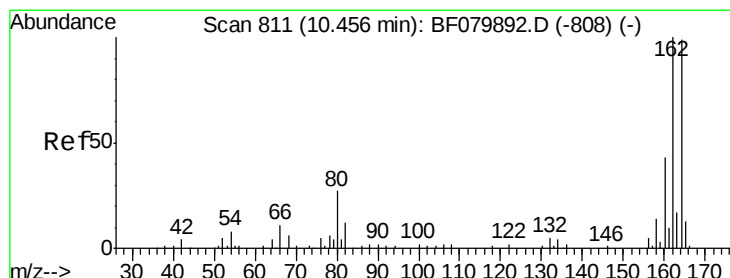
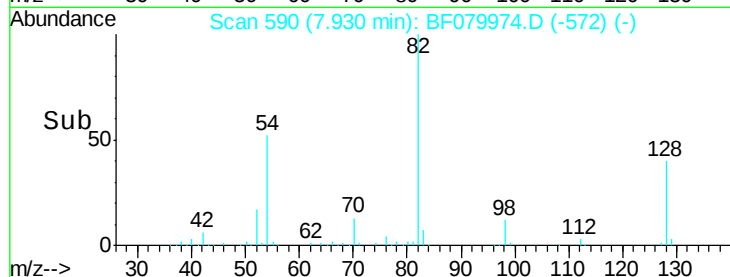
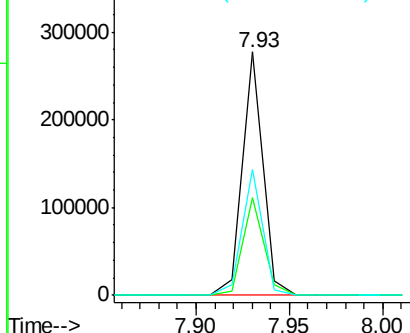
#23
 Nitrobenzene-d5
 Concen: 84.42 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079974.D
 Acq: 13 Jun 2015 12:34

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10

Tgt Ion: 82 Resp: 215412
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.3 60.5#
 54 51.8 38.0 57.0

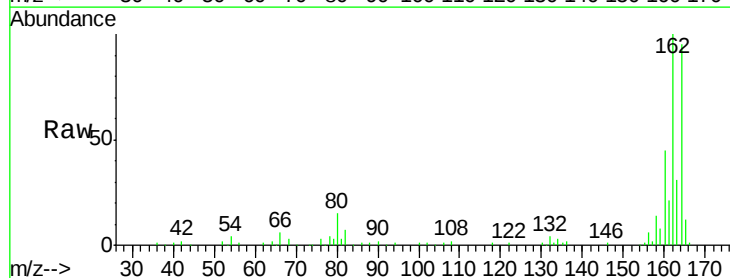


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

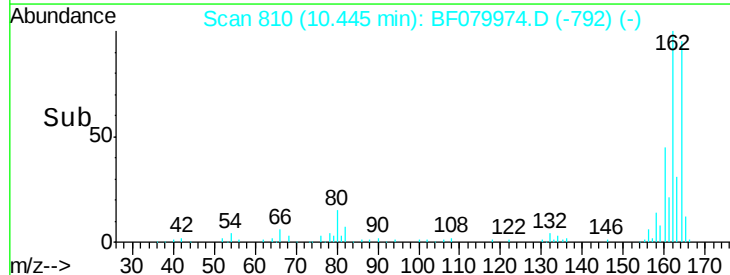
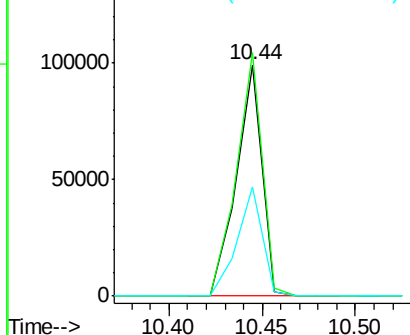


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079974.D
 Acq: 13 Jun 2015 12:34

Tgt Ion:164 Resp: 95282
 Ion Ratio Lower Upper
 164 100
 162 105.4 80.7 121.1
 160 47.5 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

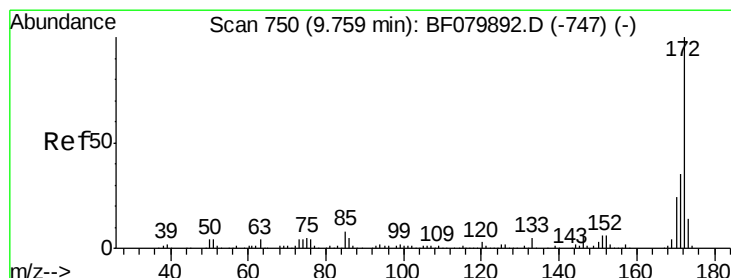
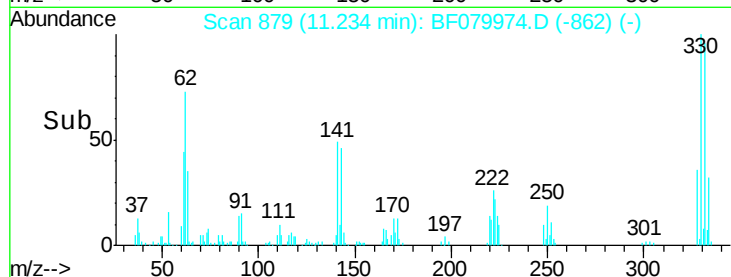
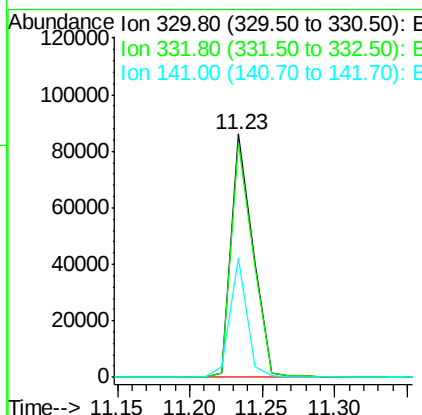
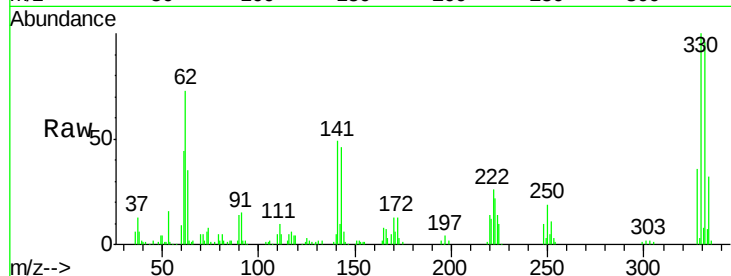




#41
 2,4,6-Tribromophenol
 Concen: 94.33 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079974.D
 Acq: 13 Jun 2015 12:34

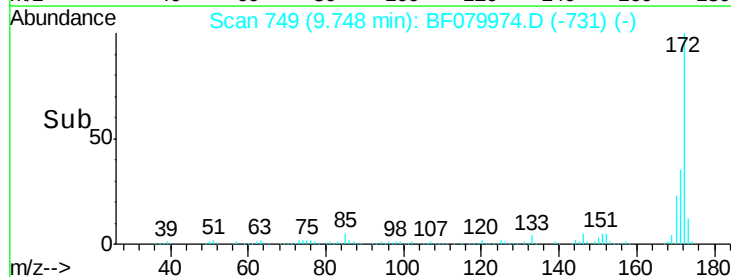
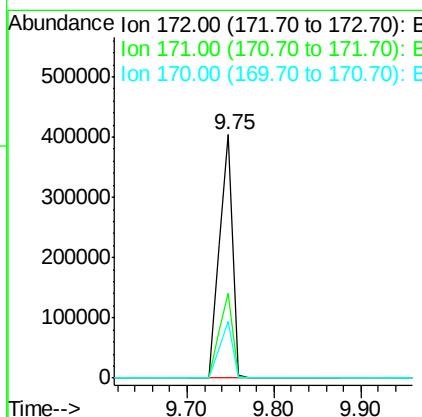
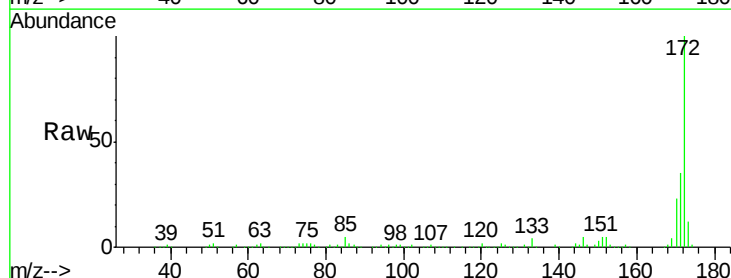
Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10

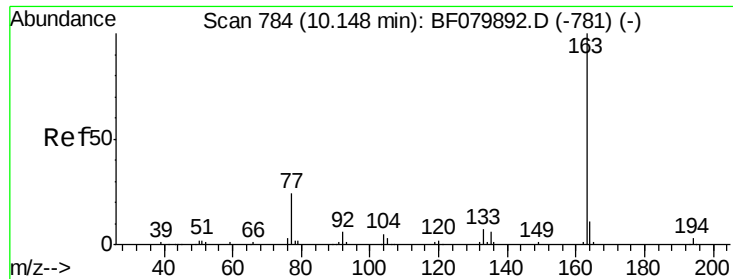
Tgt Ion:330 Resp: 89726
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 38.5 26.8 40.2



#44
 2-Fluorobiphenyl
 Concen: 64.09 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079974.D
 Acq: 13 Jun 2015 12:34

Tgt Ion:172 Resp: 436090
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 23.2 19.0 28.4

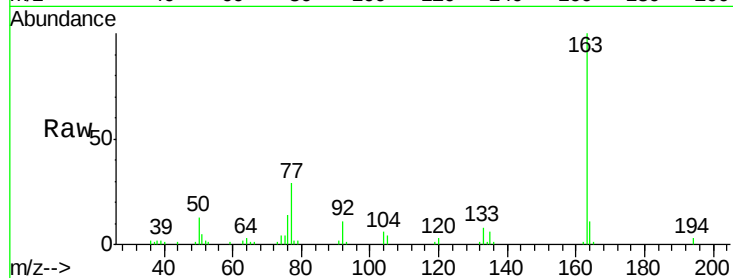




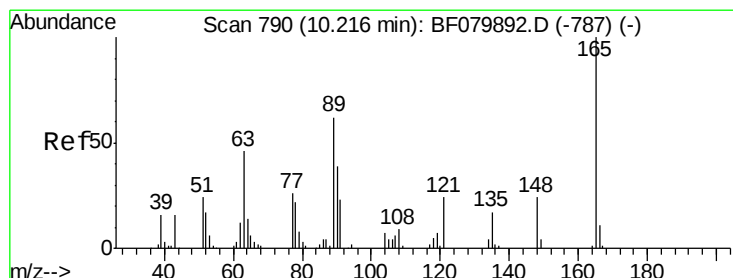
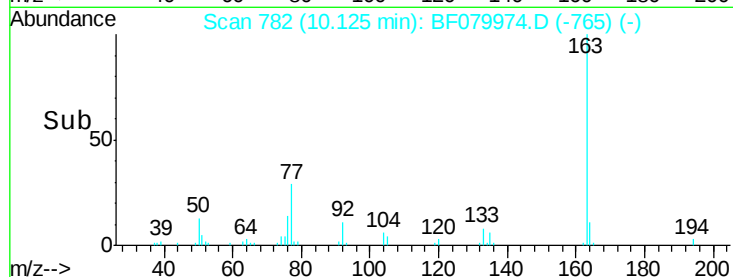
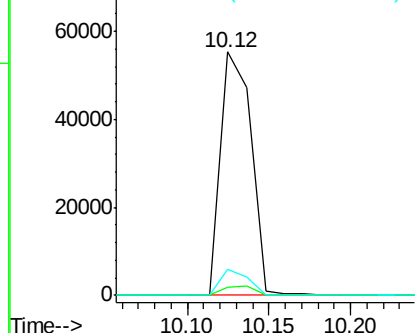
#49
Dimethylphthalate
Concen: 9.37 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10

Tgt Ion:163 Resp: 71524
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.6 12.8

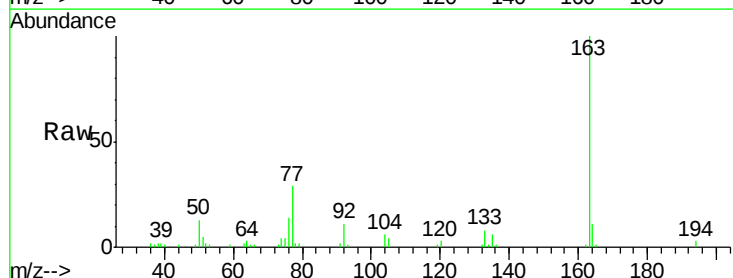


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

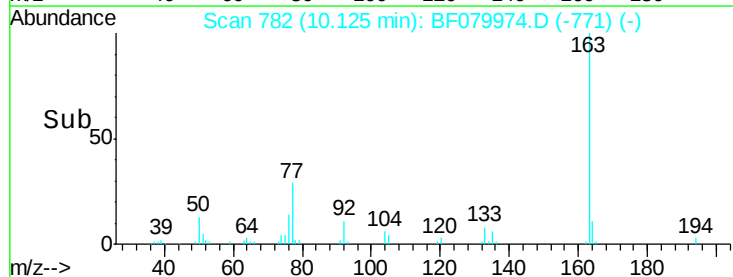
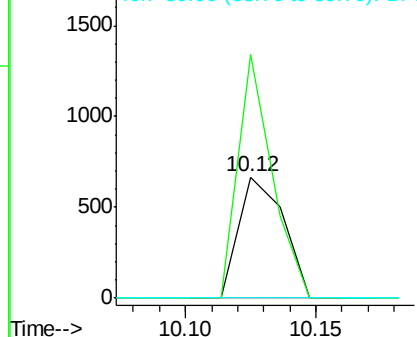


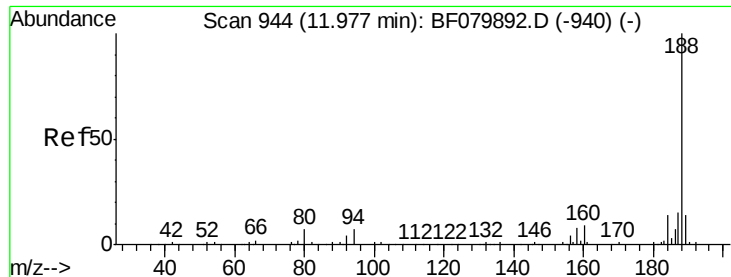
#50
2,6-Dinitrotoluene
Concen: 3.58 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.08 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Tgt Ion:165 Resp: 800
Ion Ratio Lower Upper
165 100
63 201.7 46.4 69.6#
89 0.0 49.6 74.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

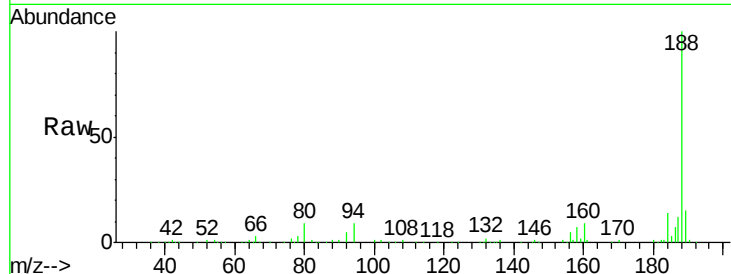




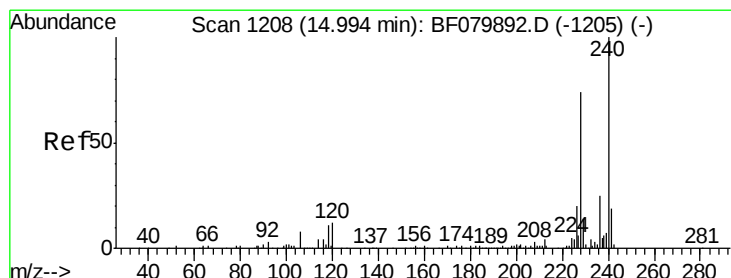
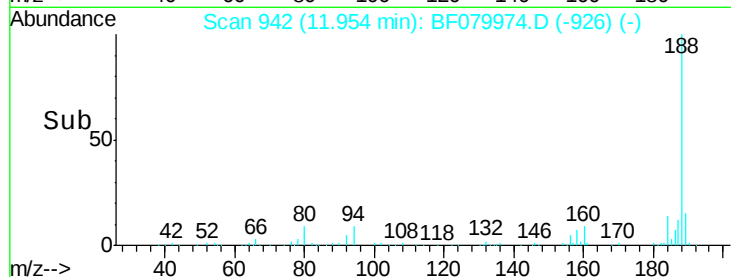
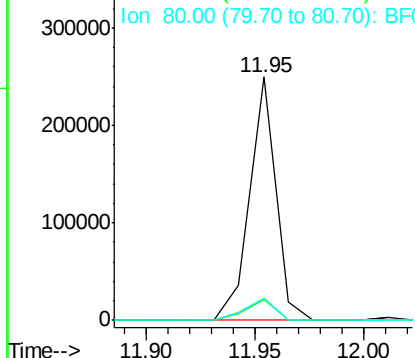
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10

Tgt Ion:188 Resp: 209630
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.8
80 9.3 5.9 8.9#

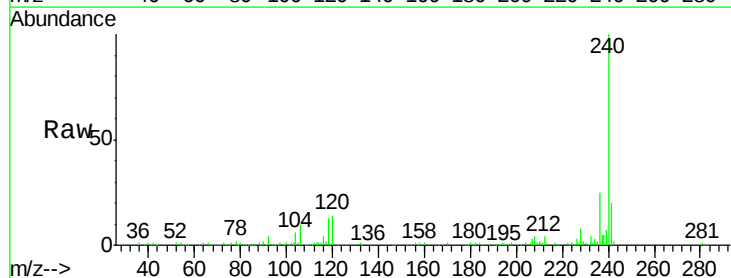


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

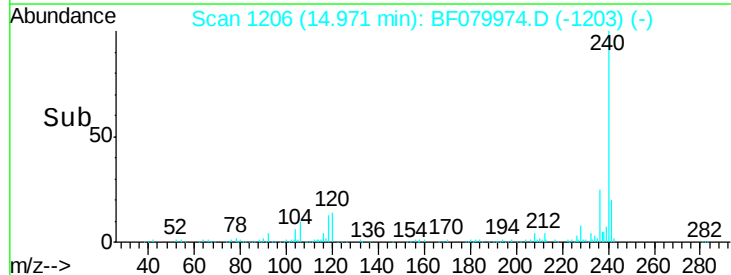
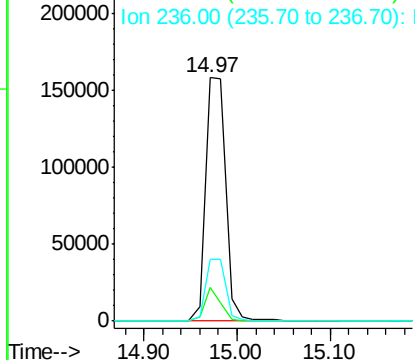


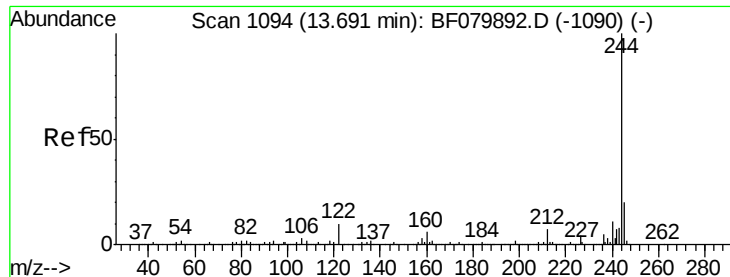
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1206
Delta R.T. -0.17 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Tgt Ion:240 Resp: 238361
Ion Ratio Lower Upper
240 100
120 14.1 9.4 14.2
236 25.4 19.6 29.4



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: 53.78 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.10 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10

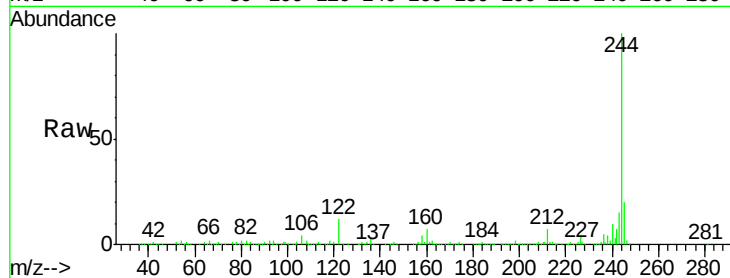
Tgt Ion:244 Resp: 556035

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

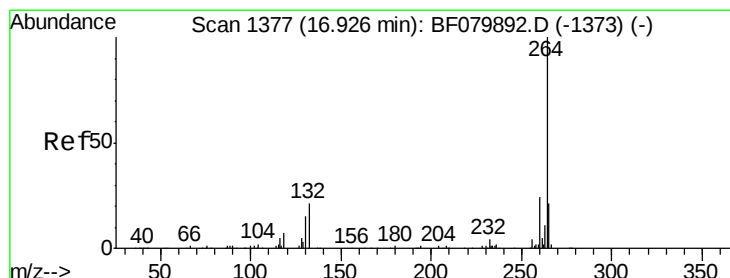
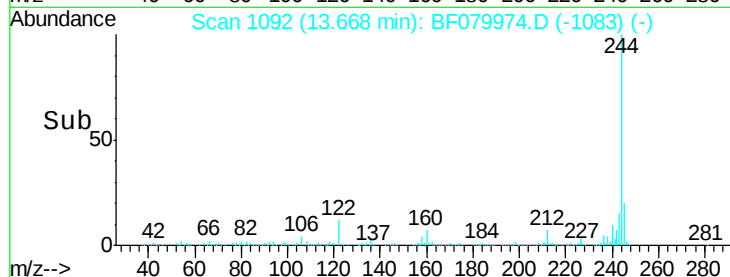
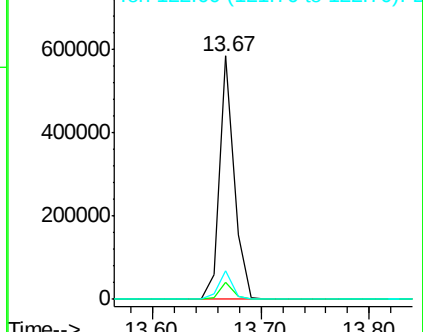
122 11.6 7.8 11.8



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: 16.91 min Scan# 1376

Delta R.T. -0.18 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

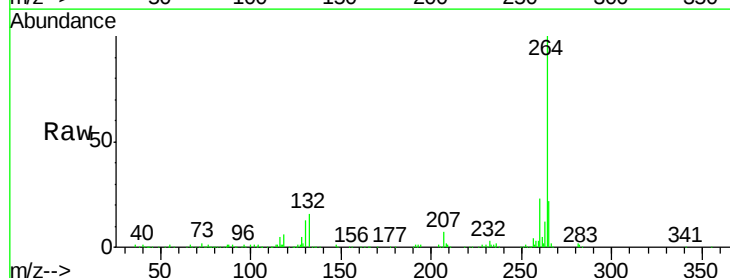
Tgt Ion:264 Resp: 240893

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

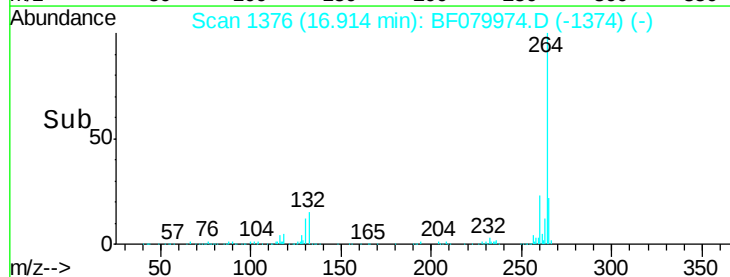
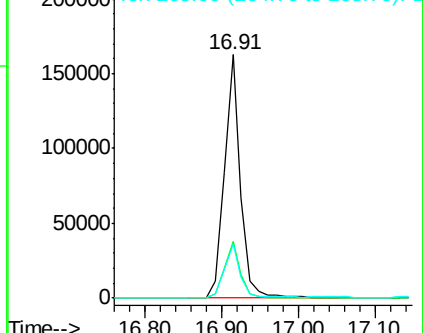
265 22.4 17.0 25.6

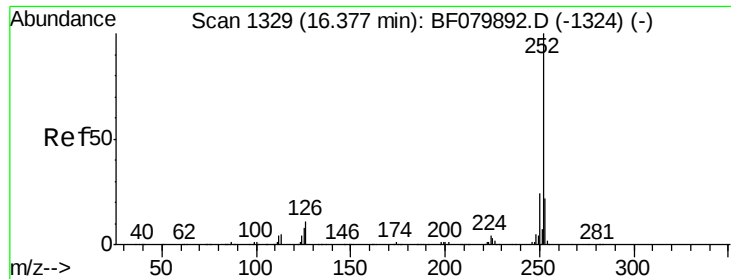


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

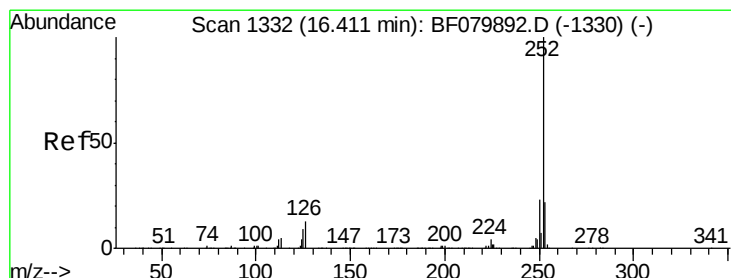
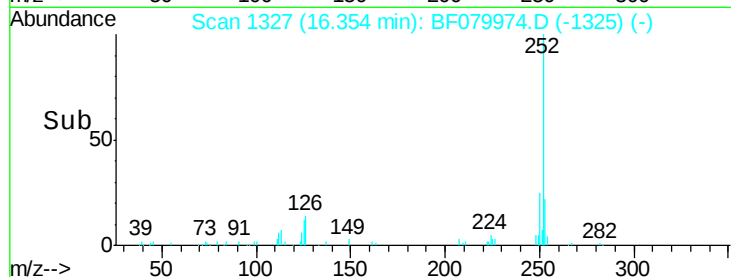
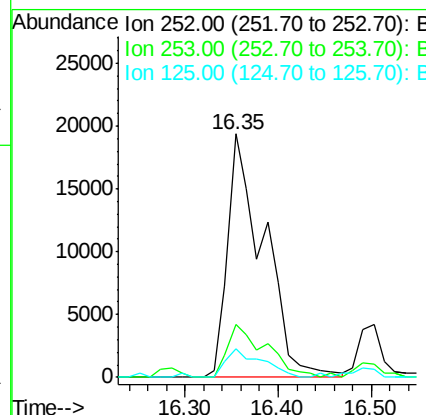
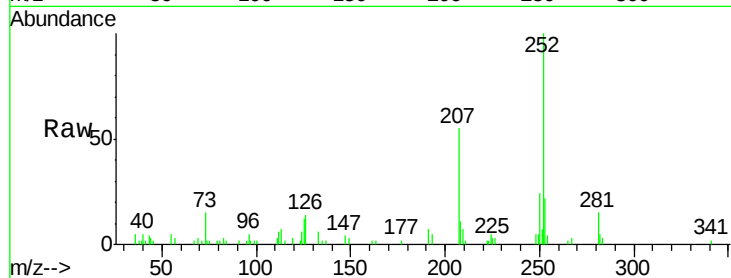




#87
Benzo(b)fluoranthene
Concen: 3.54 ng
RT: 16.35 min Scan# 1327
Delta R.T. -0.18 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

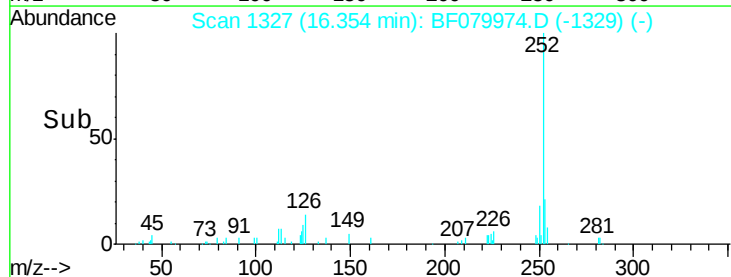
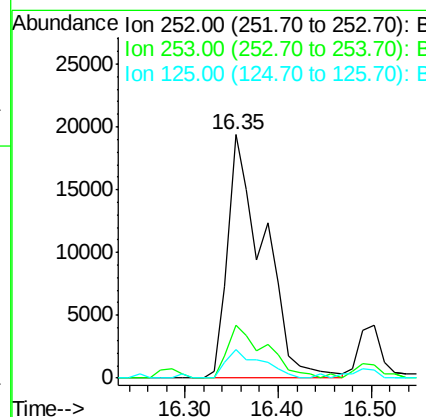
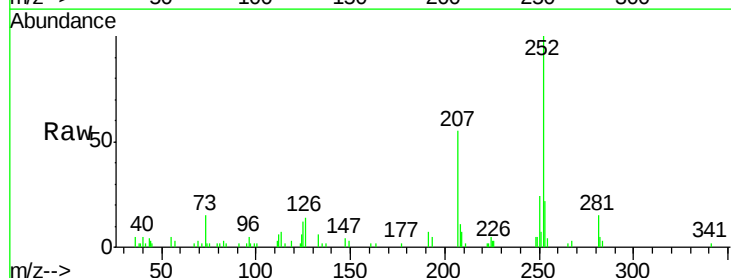
Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10

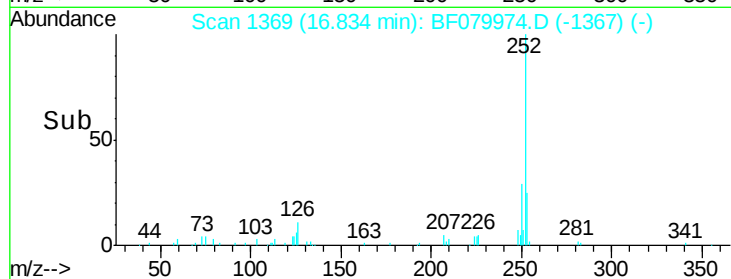
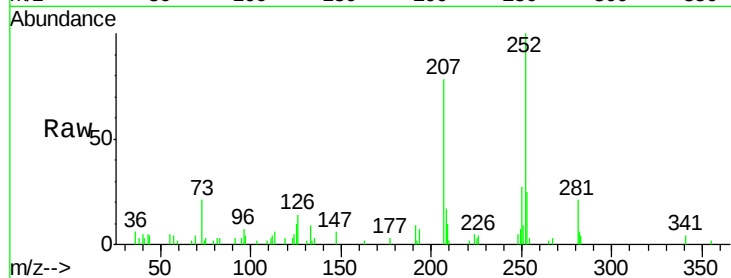
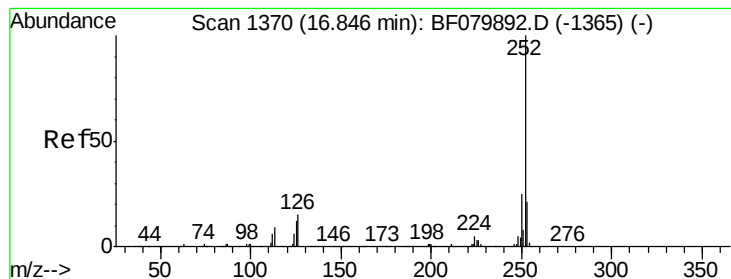
Tgt Ion:252 Resp: 52240
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 3.47 ng
RT: 16.35 min Scan# 1327
Delta R.T. -0.23 min
Lab File: BF079974.D
Acq: 13 Jun 2015 12:34

Tgt Ion:252 Resp: 52240
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.8 7.4 11.0#





#89

Benzo(a)pyrene

Concen: 2.08 ng

RT: 16.83 min Scan# 1369

Delta R.T. -0.18 min

Lab File: BF079974.D

Acq: 13 Jun 2015 12:34

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10

Tgt Ion:252 Resp: 29208

Ion Ratio Lower Upper

252 100

253 25.1 17.0 25.6

125 9.9 9.7 14.5

