

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090925.D
 Acq On : 31 Oct 2016 13:55
 Operator : UM/SJ
 Sample : H5411-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02-DUP

Quant Time: Nov 01 12:11:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

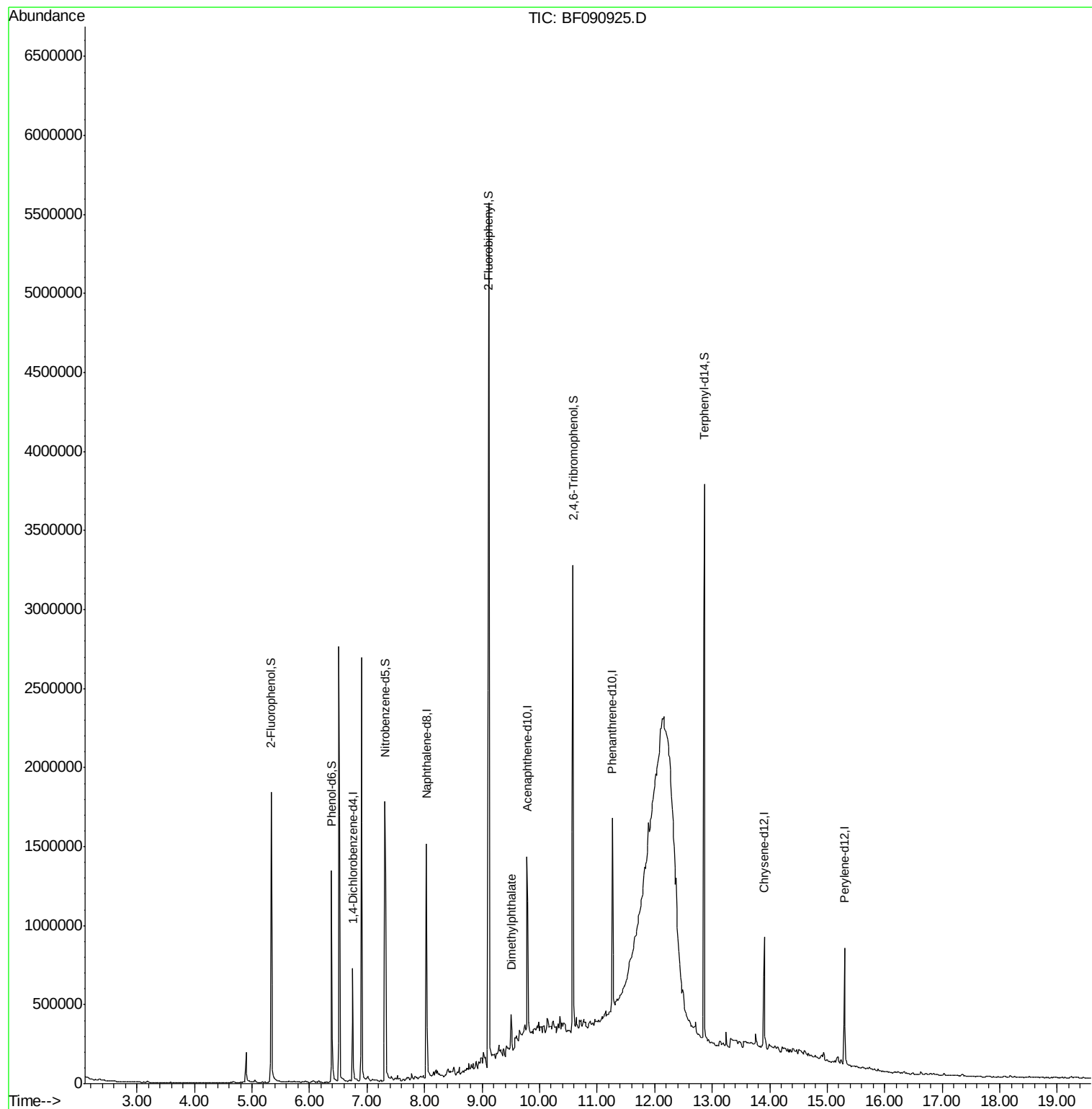
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	152263	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	661568	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	327111	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	479922	20.00	ng	0.00
75) Chrysene-d12	13.91	240	311424	20.00	ng	0.00
86) Perylene-d12	15.30	264	343681	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	597065	68.56	ng	0.00
7) Phenol-d6	6.38	99	507896	43.23	ng	-0.01
23) Nitrobenzene-d5	7.31	82	922349	91.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	482588	143.56	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1931957	103.71	ng	0.00
78) Terphenyl-d14	12.87	244	1674022	135.43	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.50	163	88036	4.03	ng	Qvalue # 97

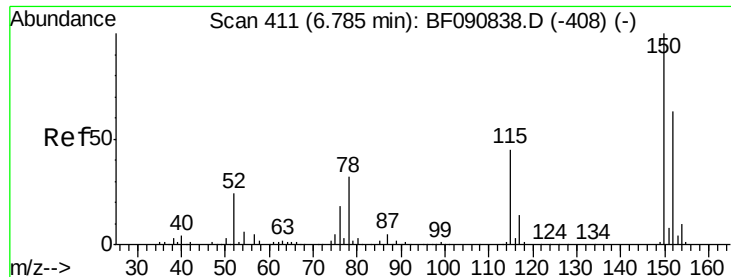
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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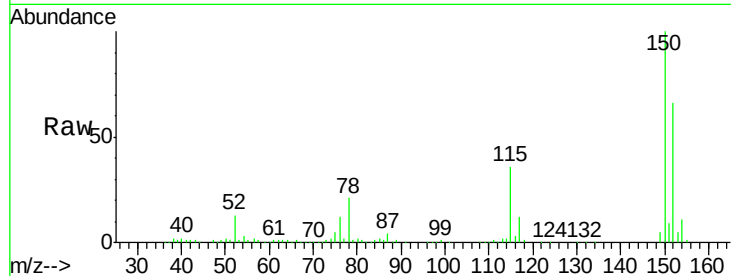


#1

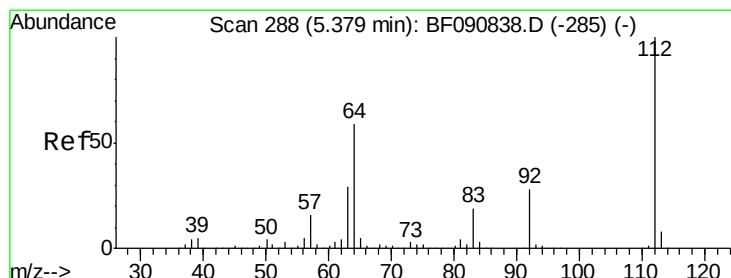
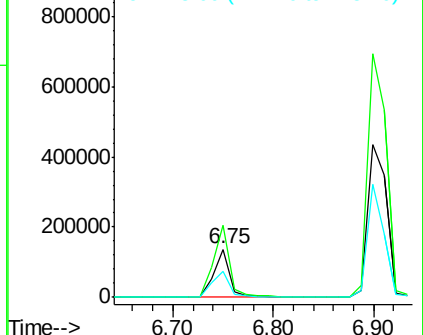
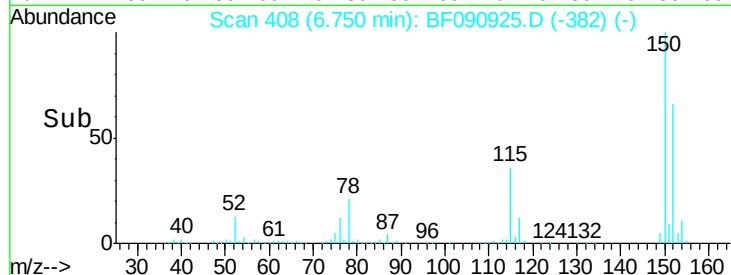
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF090925.D
Acq: 31 Oct 2016 13:55

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:152 Resp: 152263
Ion Ratio Lower Upper
152 100
150 150.9 124.7 187.1
115 54.3 39.0 58.4



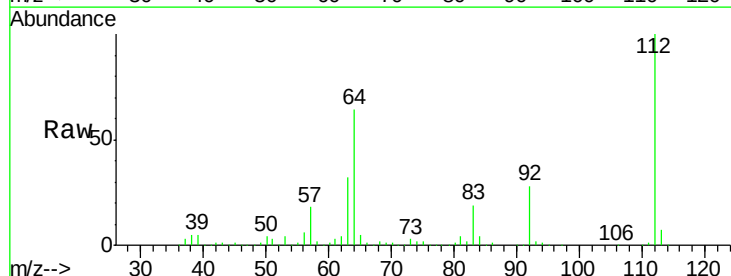
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



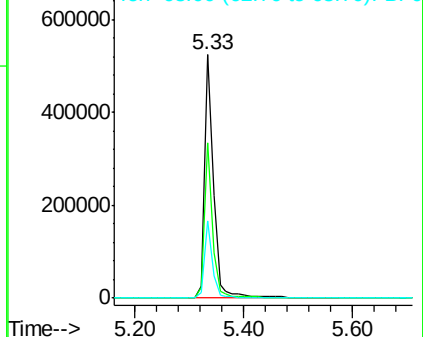
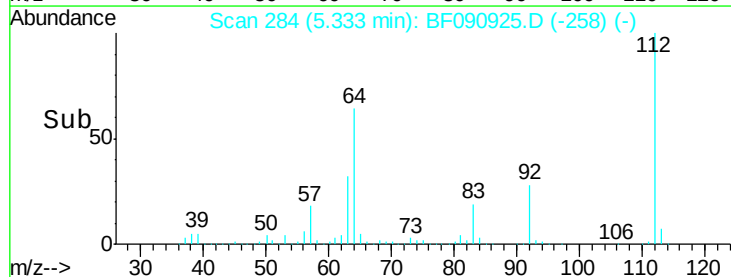
#5

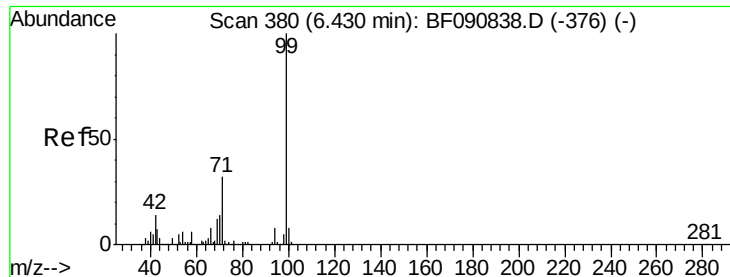
2-Fluorophenol
Concen: 68.56 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.00 min
Lab File: BF090925.D
Acq: 31 Oct 2016 13:55

Tgt Ion:112 Resp: 597065
Ion Ratio Lower Upper
112 100
64 63.9 39.7 59.5#
63 31.5 17.4 26.0#



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: 43.23 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

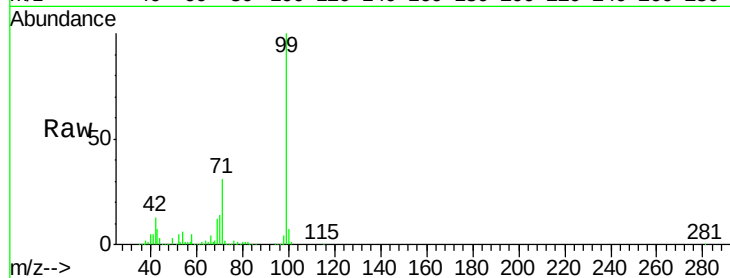
Tgt Ion: 99 Resp: 507896

Ion Ratio Lower Upper

99 100

42 13.2 13.7 20.5#

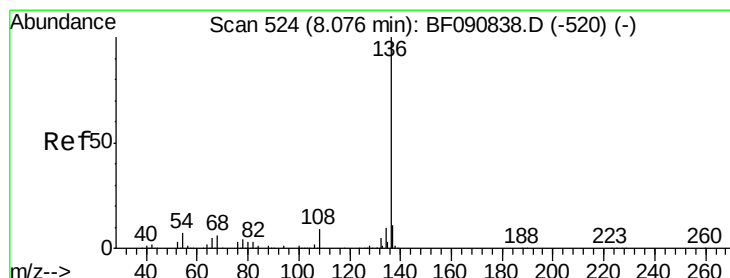
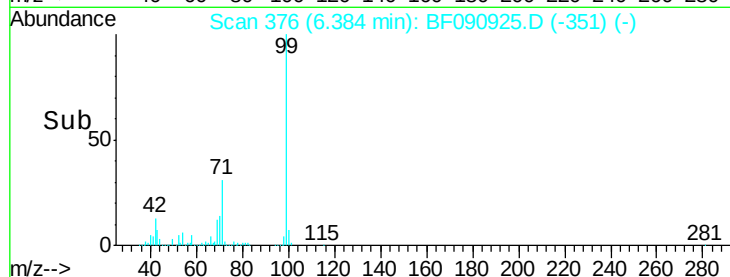
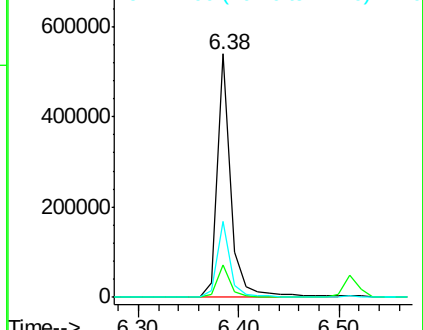
71 31.3 14.2 21.2#



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: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Tgt Ion: 136 Resp: 661568

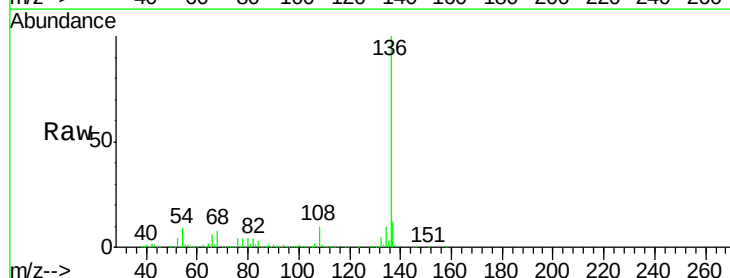
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.2 8.2 12.2

68 8.5 5.8 8.6

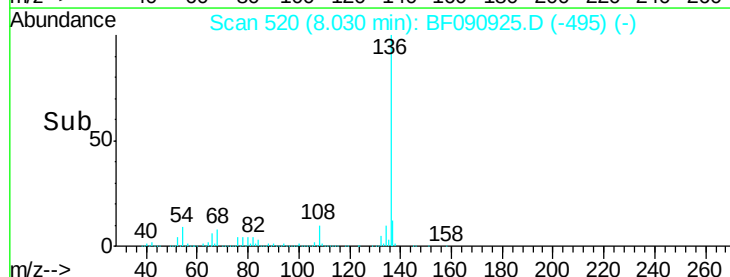
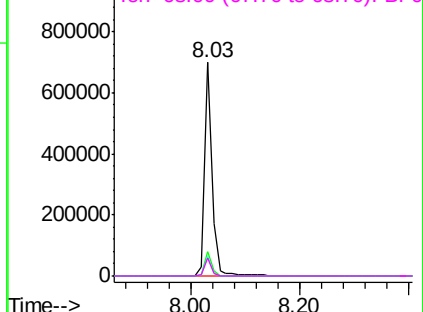


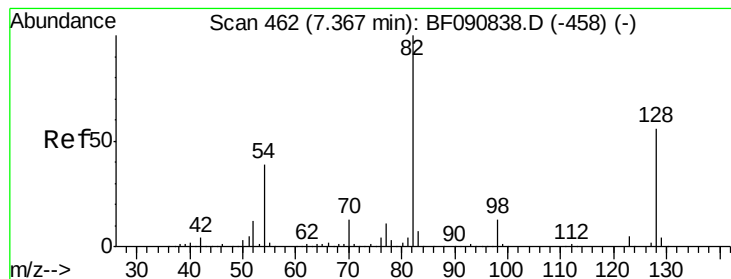
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.27 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

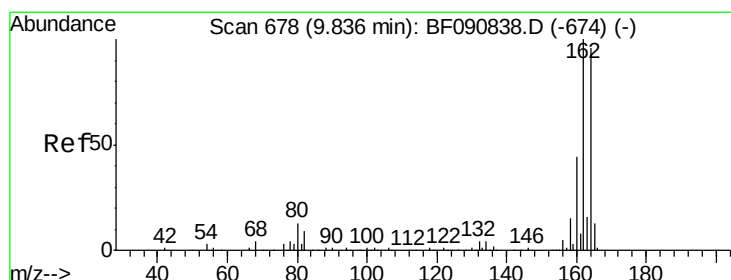
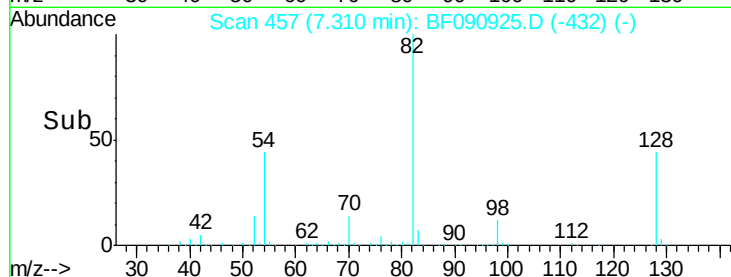
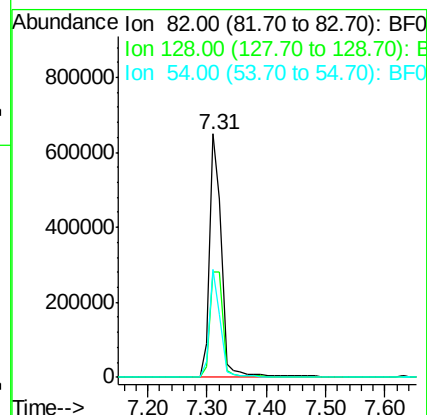
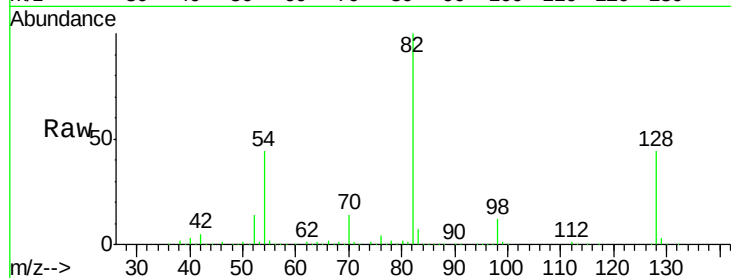
Tgt Ion: 82 Resp: 922349

Ion Ratio Lower Upper

82 100

128 43.5 51.0 76.6#

54 44.4 47.5 71.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

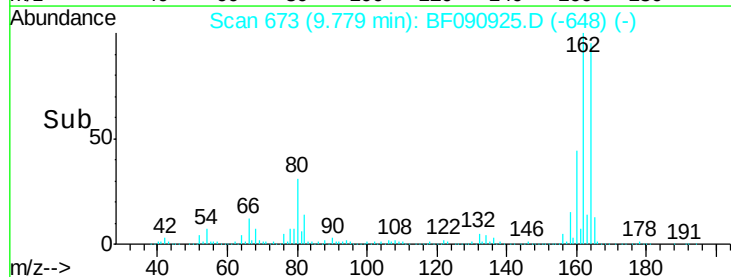
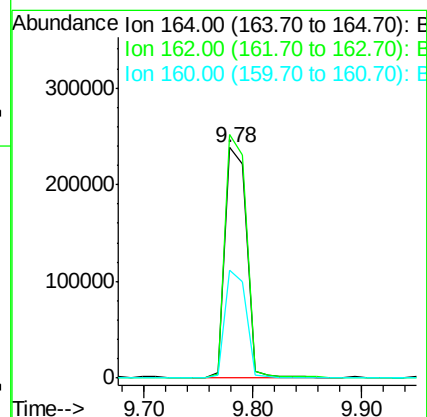
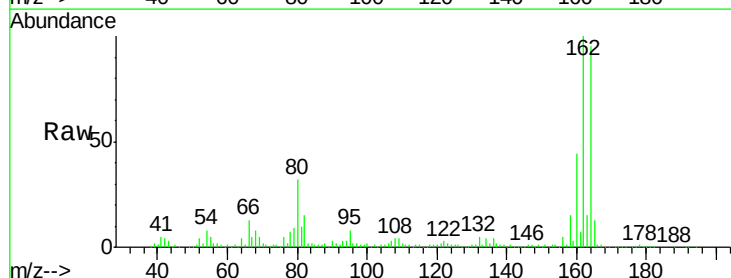
Tgt Ion: 164 Resp: 327111

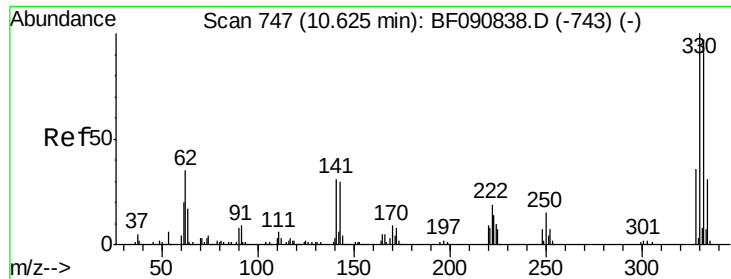
Ion Ratio Lower Upper

164 100

162 105.5 75.2 112.8

160 46.8 31.5 47.3

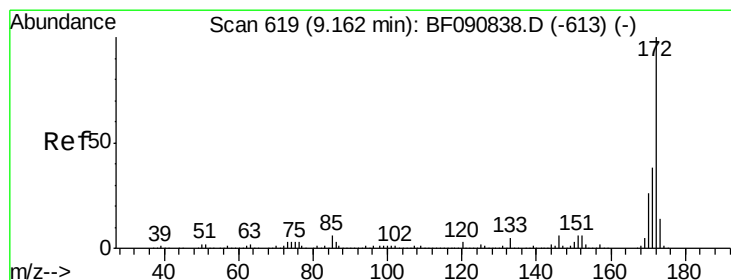
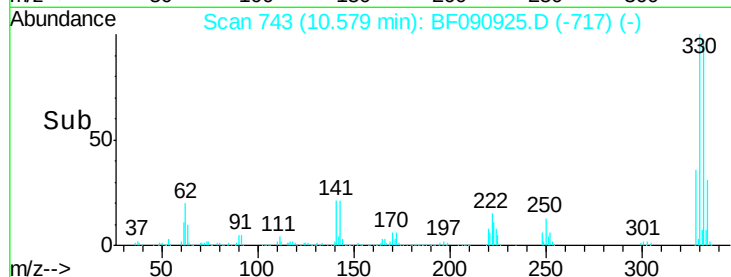
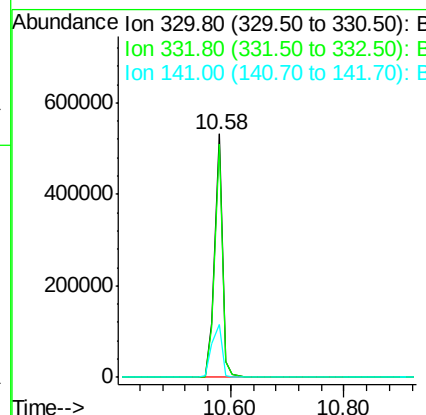
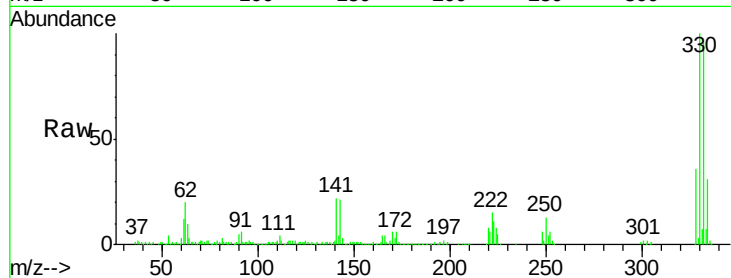




#41
 2,4,6-Tribromophenol
 Concen: 143.56 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF090925.D
 Acq: 31 Oct 2016 13:55

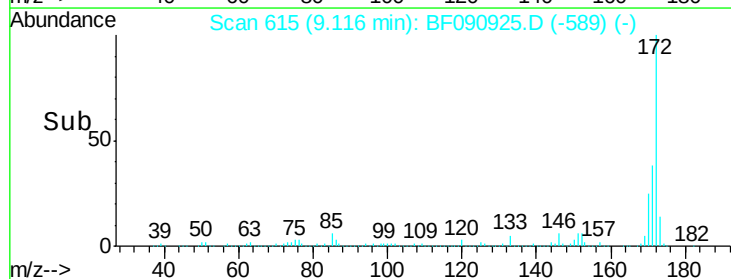
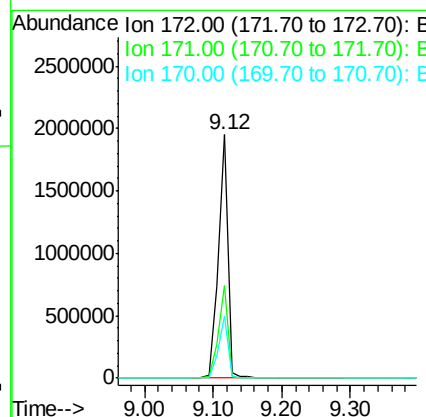
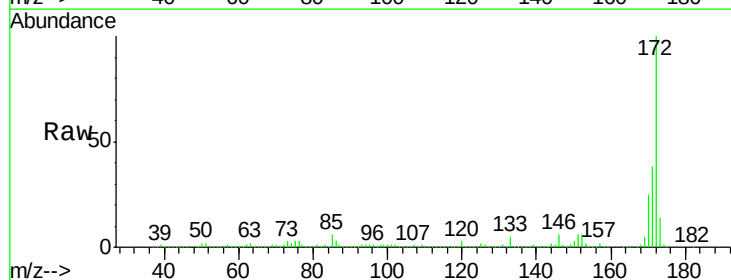
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02-DUP

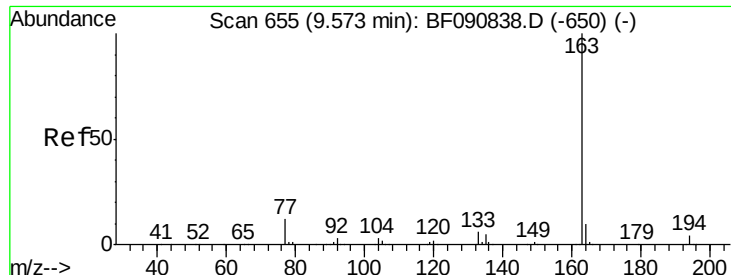
Tgt Ion:330 Resp: 482588
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 28.1 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 103.71 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF090925.D
 Acq: 31 Oct 2016 13:55

Tgt Ion:172 Resp: 1931957
 Ion Ratio Lower Upper
 172 100
 171 37.8 26.1 39.1
 170 25.4 17.4 26.2

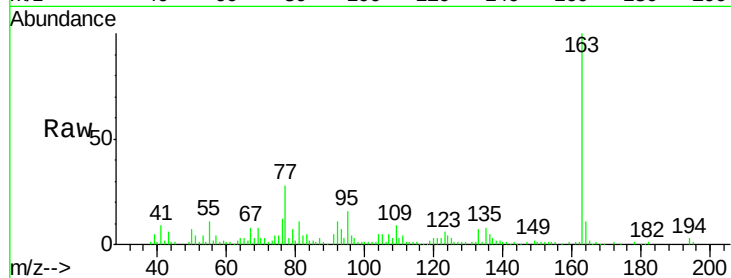




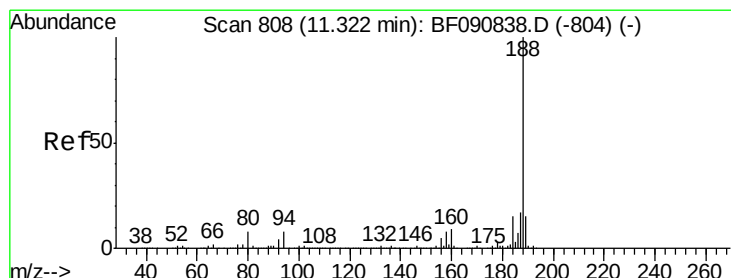
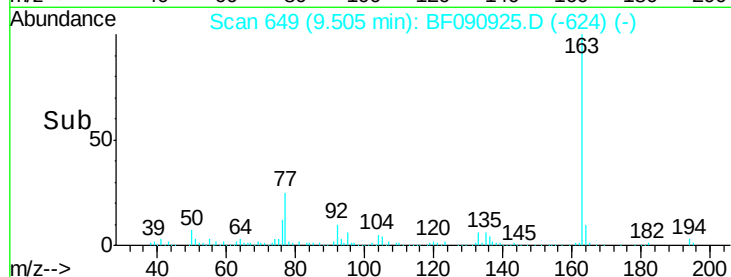
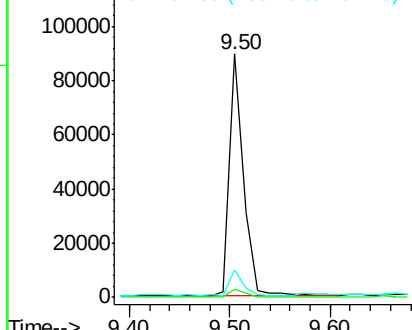
#49
Dimethylphthalate
Concen: 4.03 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090925.D
Acq: 31 Oct 2016 13:55

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion:163 Resp: 88036
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 11.0 8.3 12.5

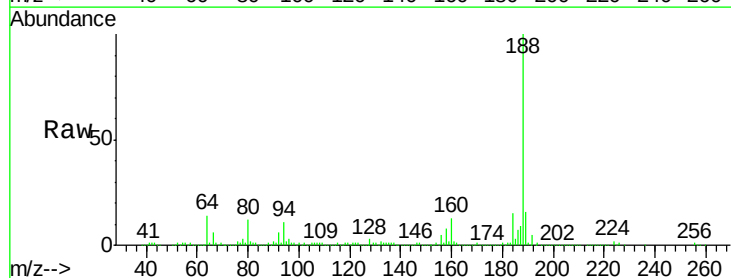


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

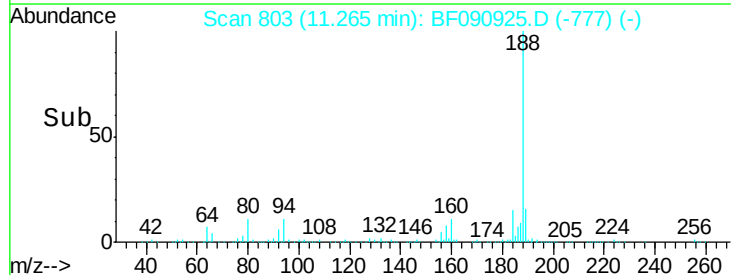
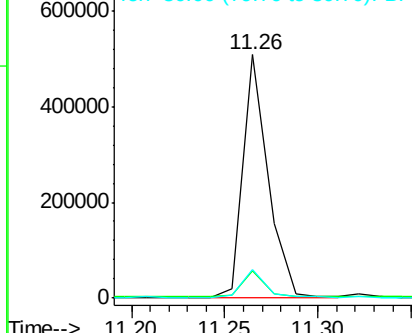


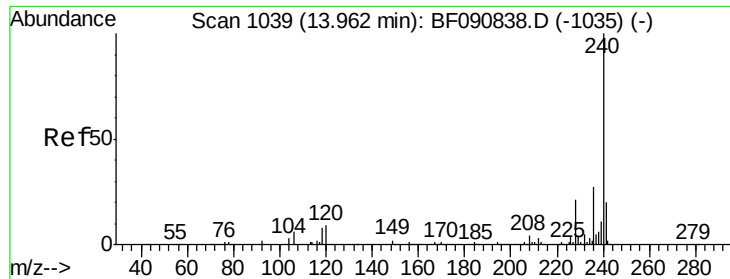
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF090925.D
Acq: 31 Oct 2016 13:55

Tgt Ion:188 Resp: 479922
Ion Ratio Lower Upper
188 100
94 11.1 11.1 16.7#
80 11.9 11.0 16.4



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: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

Instrument :

BNA_F

ClientSampleId :

TWP-02-DUP

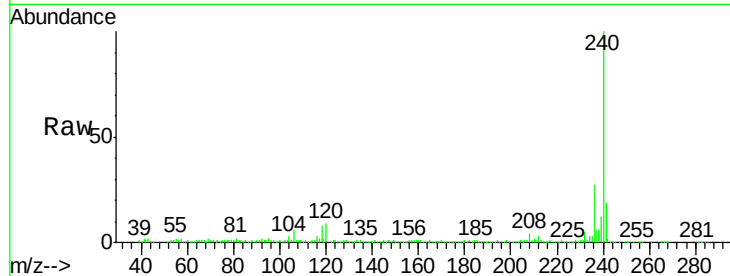
Tgt Ion:240 Resp: 311424

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

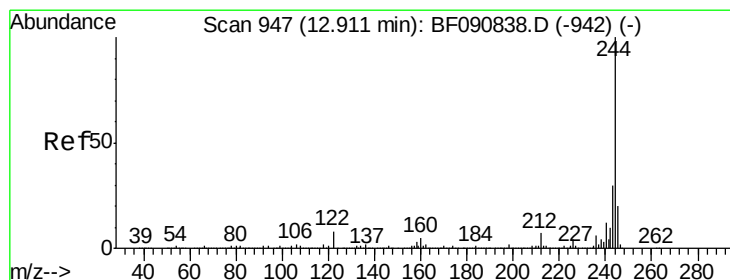
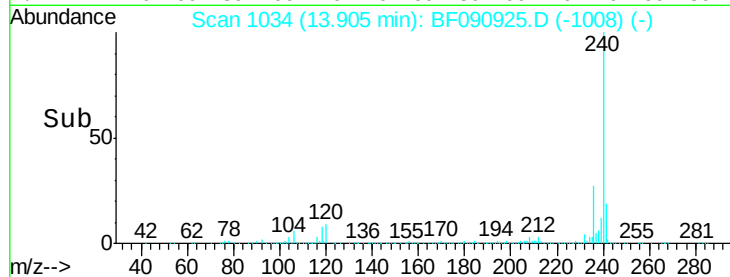
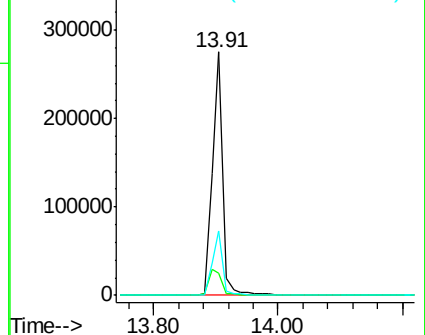
236 26.7 18.4 27.6



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: 135.43 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF090925.D

Acq: 31 Oct 2016 13:55

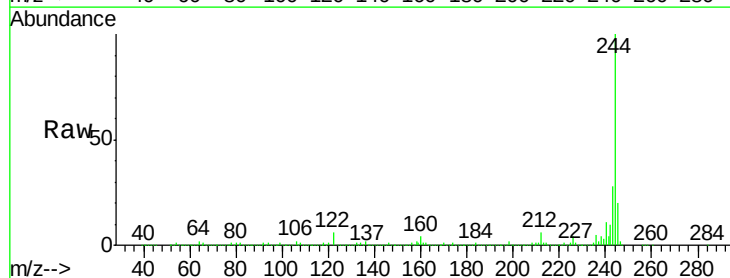
Tgt Ion:244 Resp: 1674022

Ion Ratio Lower Upper

244 100

212 6.0 4.3 6.5

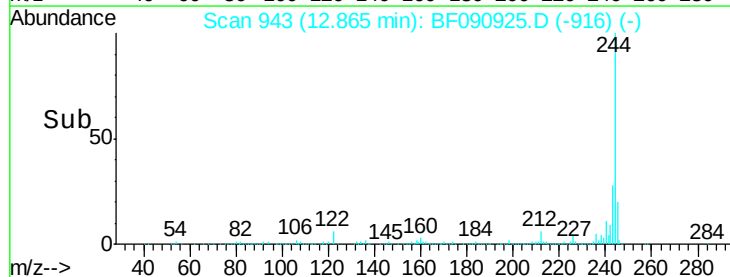
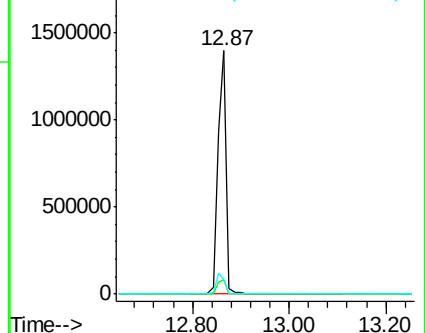
122 5.8 17.4 26.2#

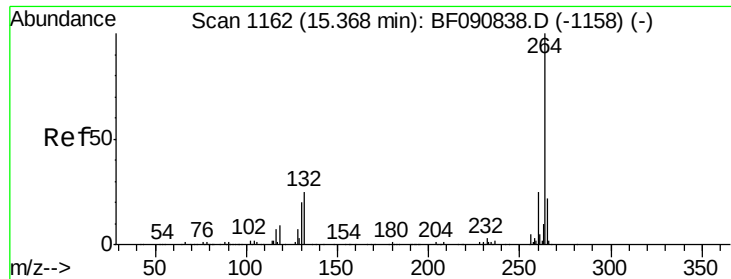


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

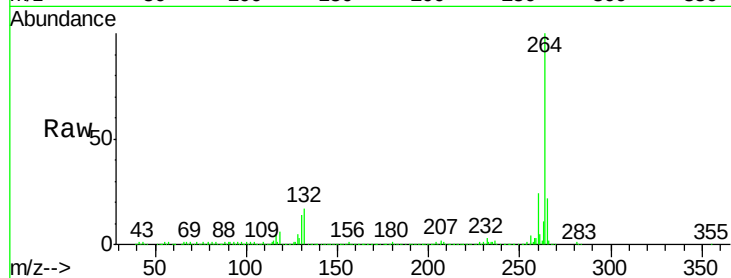




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090925.D
Acq: 31 Oct 2016 13:55

Instrument :
BNA_F
ClientSampleId :
TWP-02-DUP

Tgt Ion: 264 Resp: 343681
Ion Ratio Lower Upper
264 100
260 24.4 16.7 25.1
265 21.9 17.2 25.8



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

