

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090917.D
 Acq On : 28 Oct 2016 19:23
 Operator : UM/SJ
 Sample : H5411-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-02

Quant Time: Oct 28 23:11:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

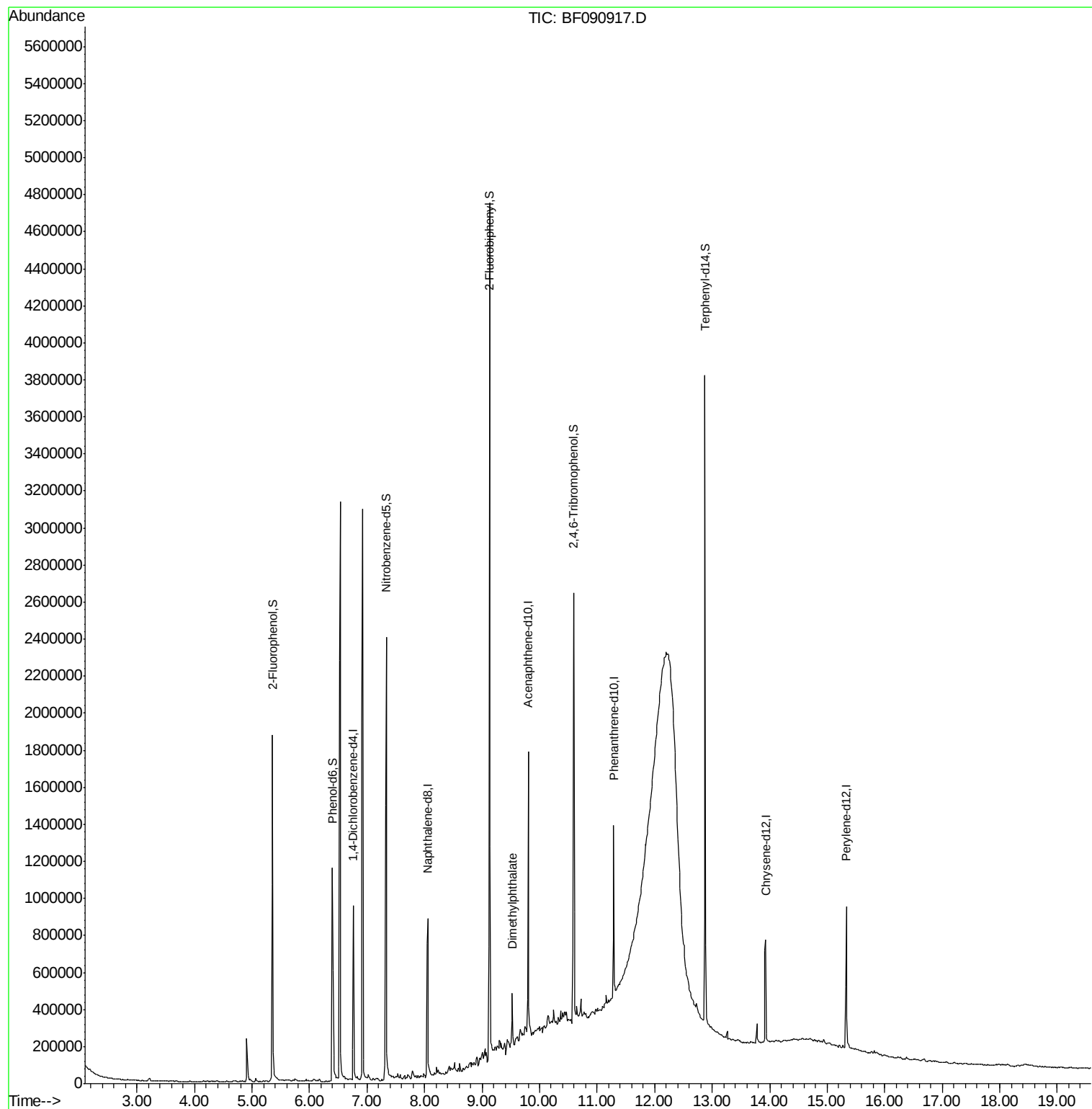
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	152456	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	575682	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	293213	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	366006	20.00	ng	0.00
75) Chrysene-d12	13.93	240	271859	20.00	ng	0.00
86) Perylene-d12	15.33	264	314458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	671597	77.02	ng	0.00
7) Phenol-d6	6.40	99	508624	43.24	ng	-0.02
23) Nitrobenzene-d5	7.33	82	1093675	124.37	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	302048	100.24	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1525484	91.36	ng	-0.01
78) Terphenyl-d14	12.88	244	1058039	98.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	118786	6.06	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: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

Instrument :

BNA_F

ClientSampleID :

TWP-02

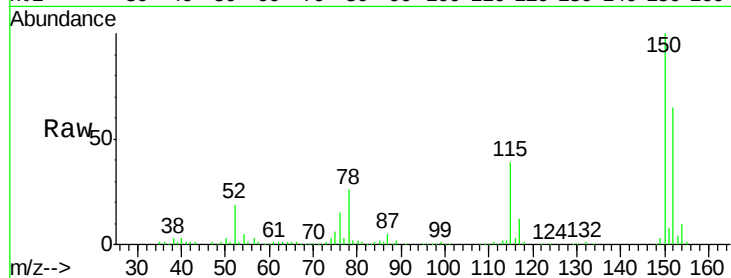
Tgt Ion:152 Resp: 152456

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

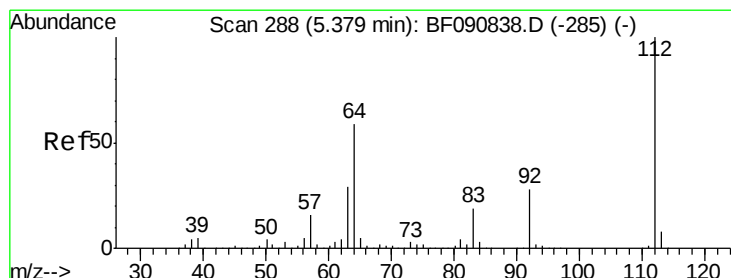
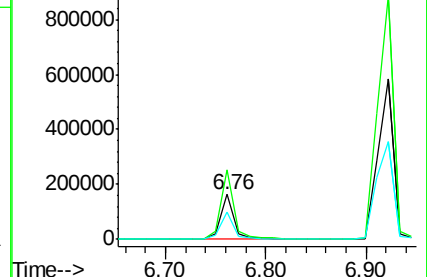
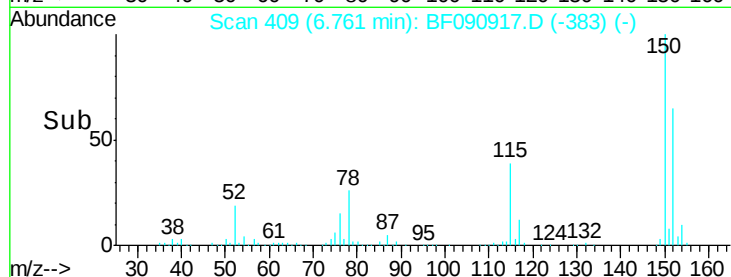
115 60.9 39.0 58.4#



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: 77.02 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

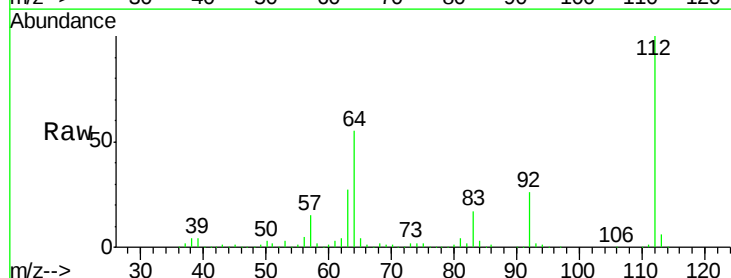
Tgt Ion:112 Resp: 671597

Ion Ratio Lower Upper

112 100

64 55.5 39.7 59.5

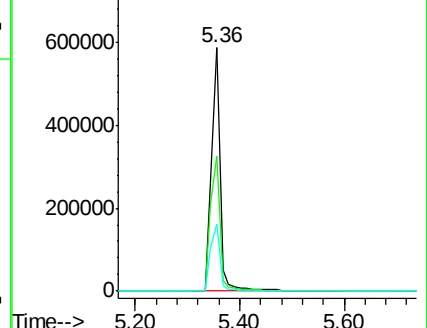
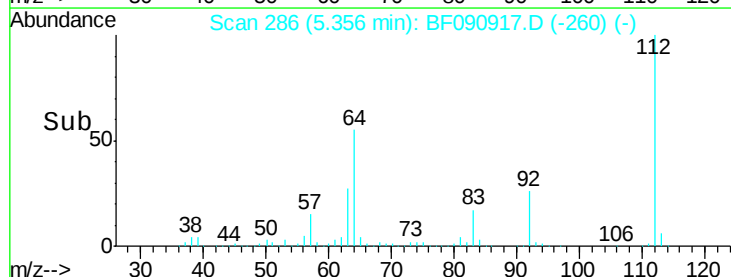
63 27.3 17.4 26.0#

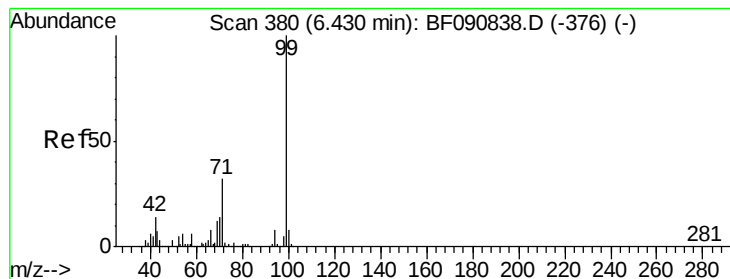


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.24 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TWP-02

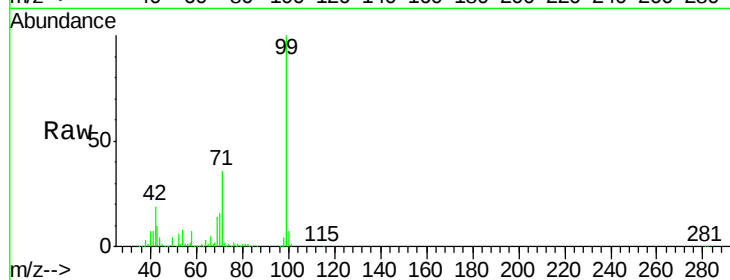
Tgt Ion: 99 Resp: 508624

Ion Ratio Lower Upper

99 100

42 18.6 13.7 20.5

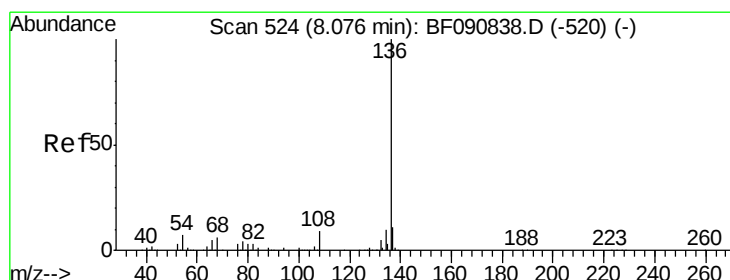
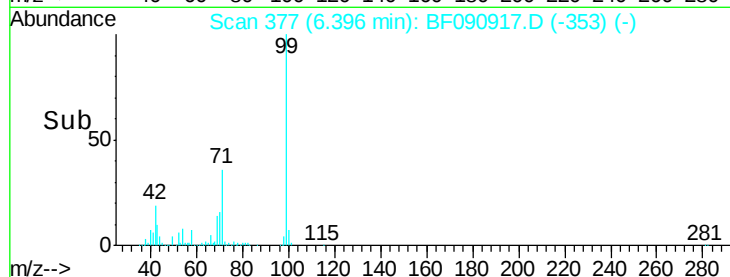
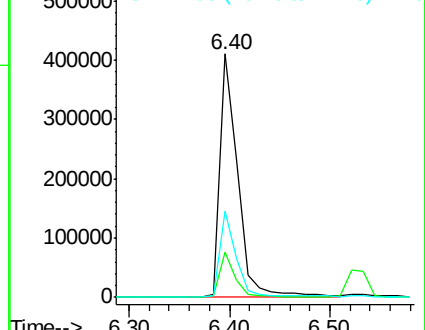
71 35.5 14.2 21.2#



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: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

Tgt Ion: 136 Resp: 575682

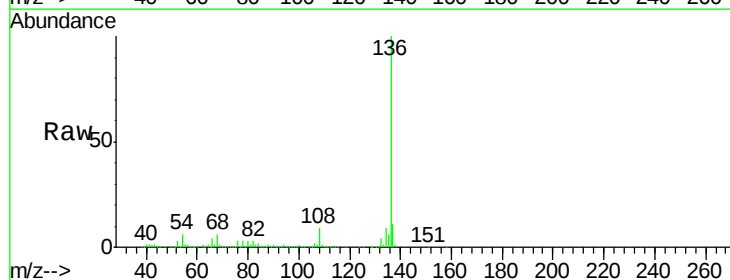
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 5.8 8.2 12.2#

68 5.7 5.8 8.6#

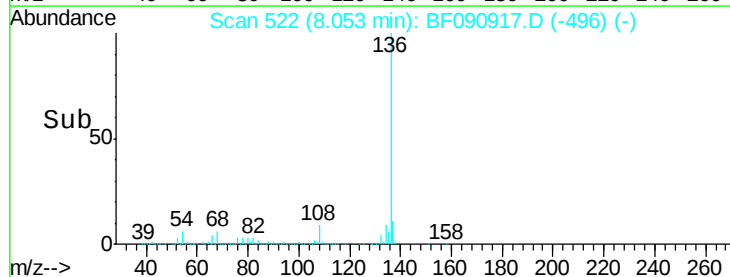
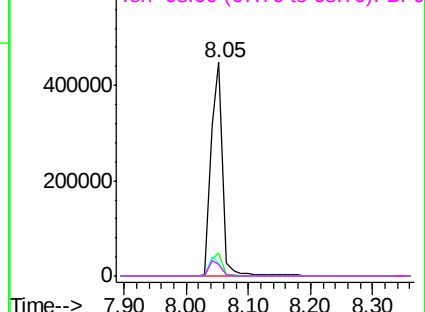


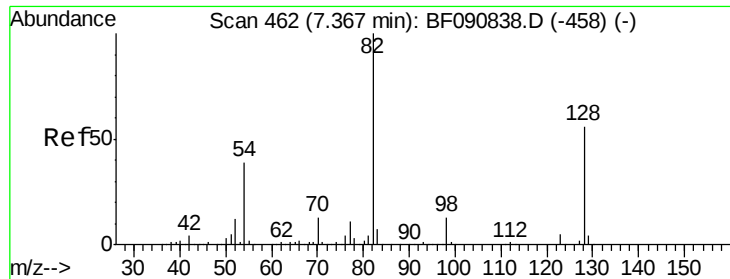
Abundance Ion 136.00 (135.70 to 136.70): E

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

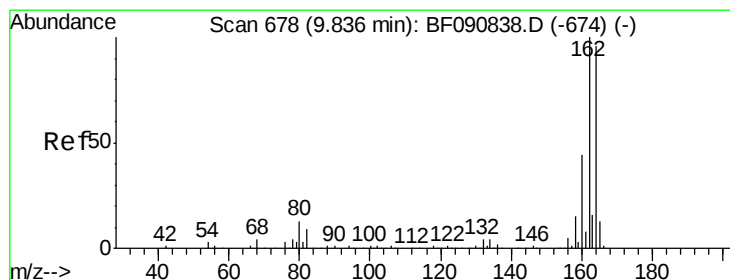
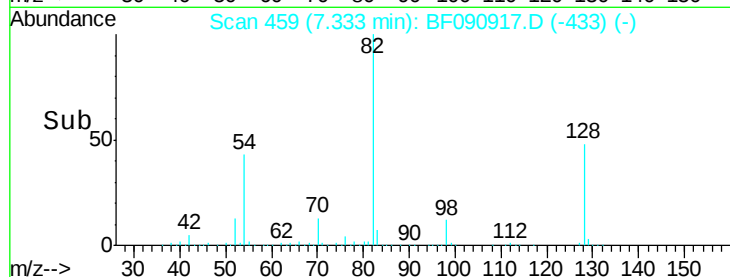
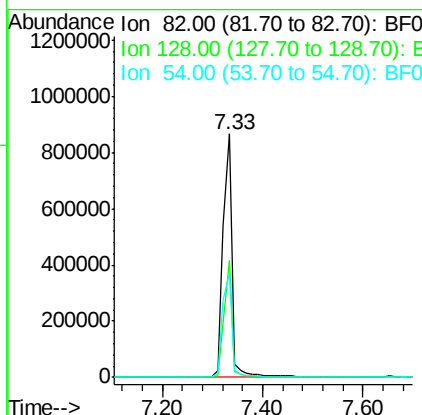
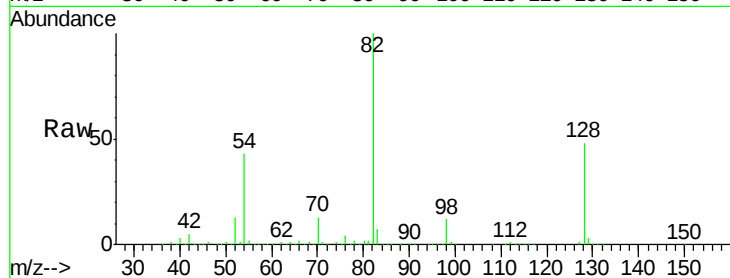




#23
 Nitrobenzene-d5
 Concen: 124.37 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090917.D
 Acq: 28 Oct 2016 19:23

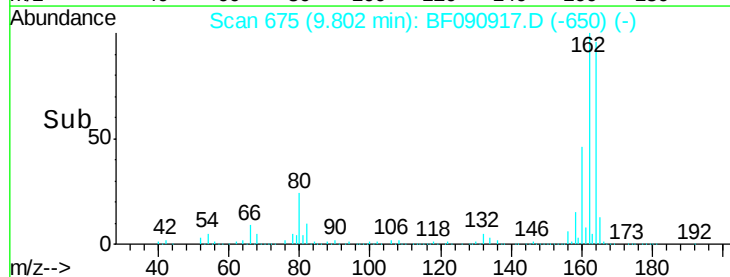
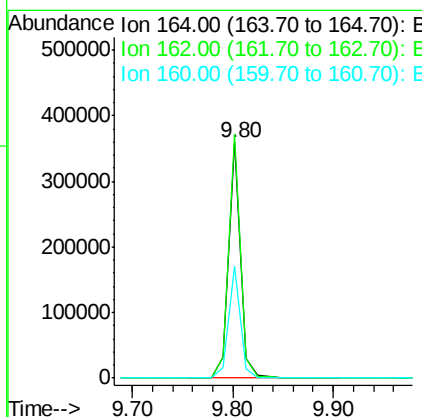
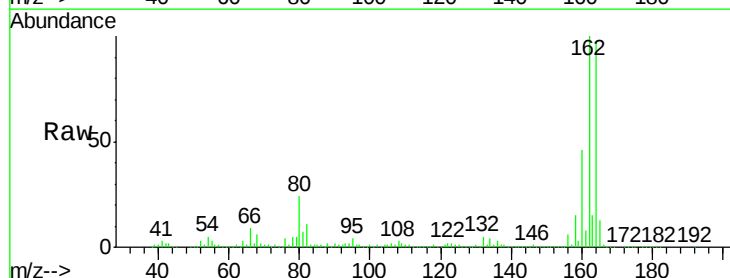
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02

Tgt Ion: 82 Resp: 1093675
 Ion Ratio Lower Upper
 82 100
 128 48.0 51.0 76.6#
 54 42.7 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090917.D
 Acq: 28 Oct 2016 19:23

Tgt Ion: 164 Resp: 293213
 Ion Ratio Lower Upper
 164 100
 162 103.2 75.2 112.8
 160 47.4 31.5 47.3#

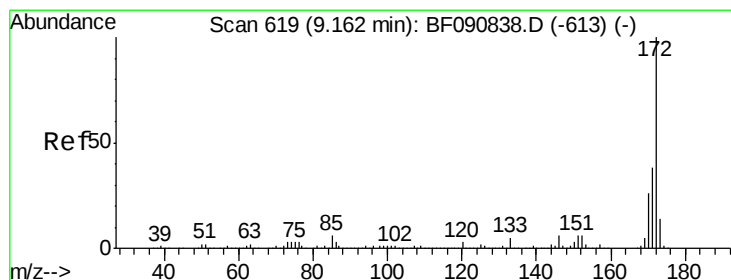
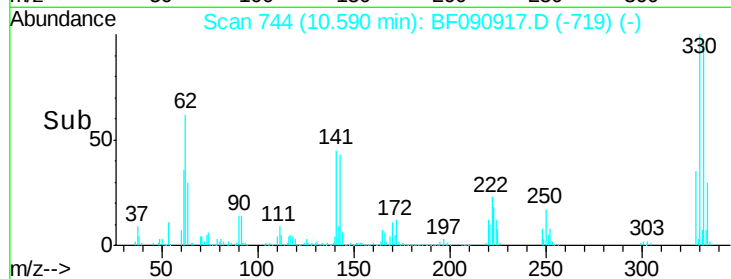
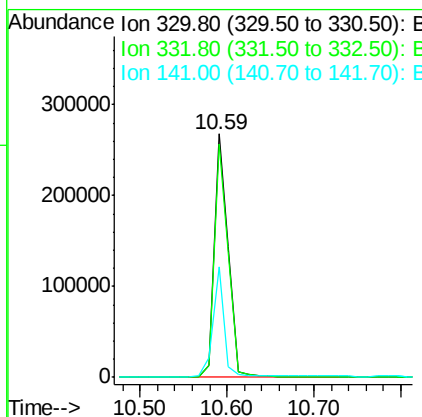
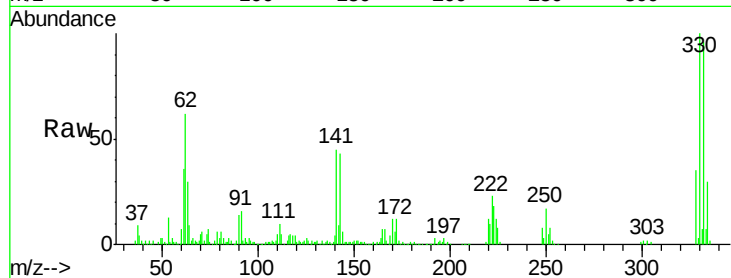




#41
 2,4,6-Tribromophenol
 Concen: 100.24 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090917.D
 Acq: 28 Oct 2016 19:23

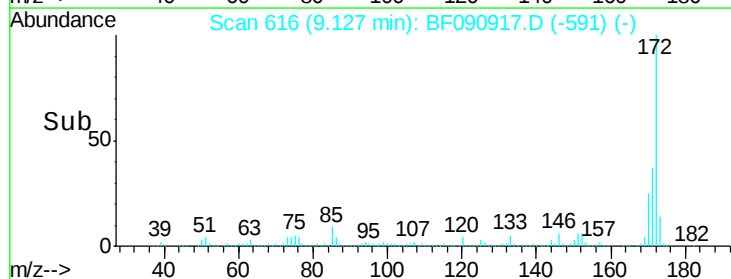
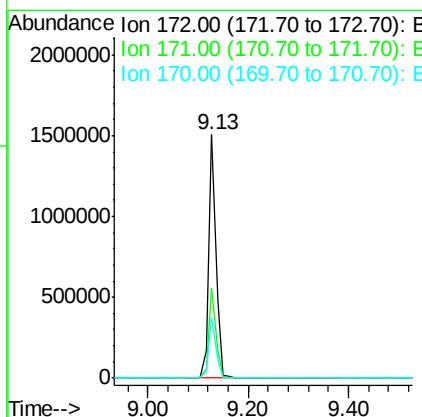
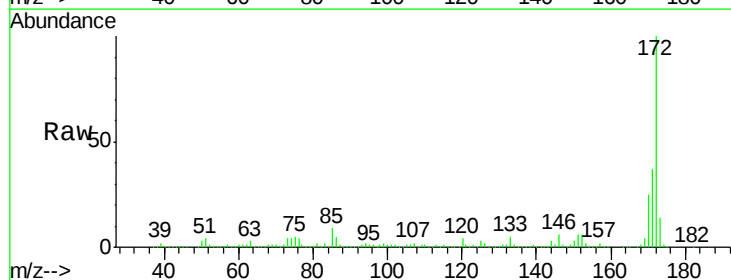
Instrument :
 BNA_F
 ClientSampleId :
 TWP-02

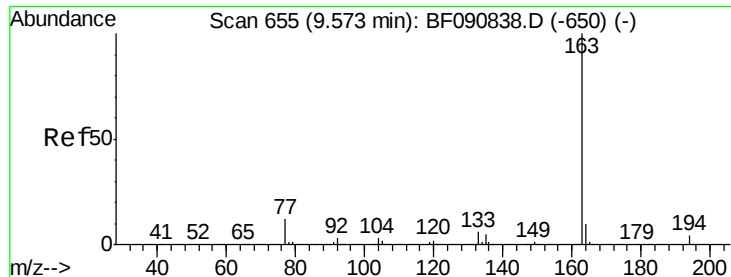
Tgt Ion:330 Resp: 302048
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 36.2 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 91.36 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090917.D
 Acq: 28 Oct 2016 19:23

Tgt Ion:172 Resp: 1525484
 Ion Ratio Lower Upper
 172 100
 171 37.0 26.1 39.1
 170 24.9 17.4 26.2





#49

Dimethylphthalate

Concen: 6.06 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TWP-02

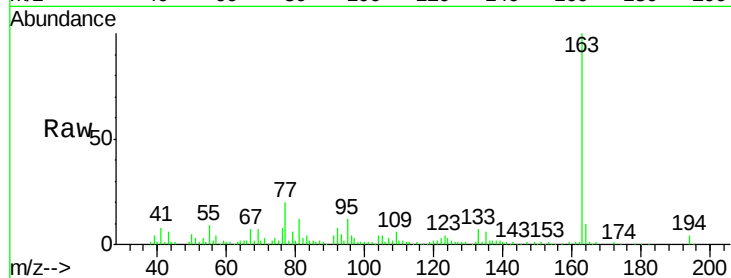
Tgt Ion:163 Resp: 118786

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

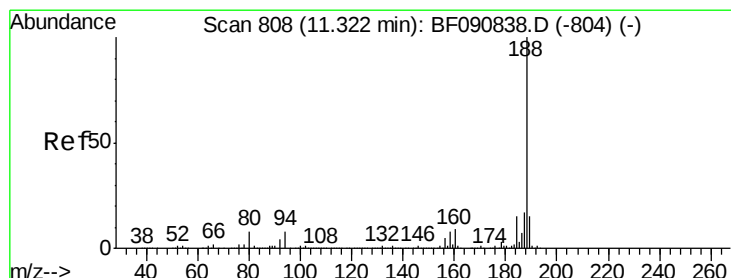
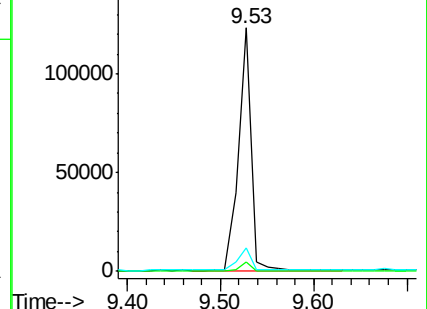
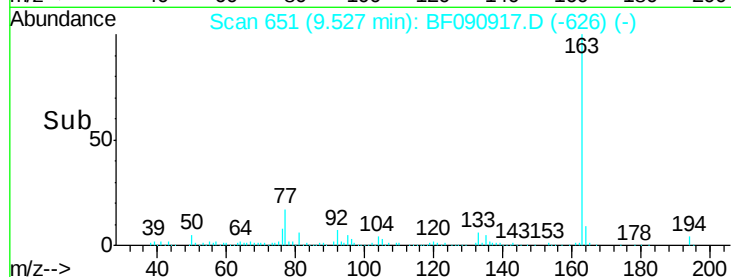
164 9.8 8.3 12.5



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: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

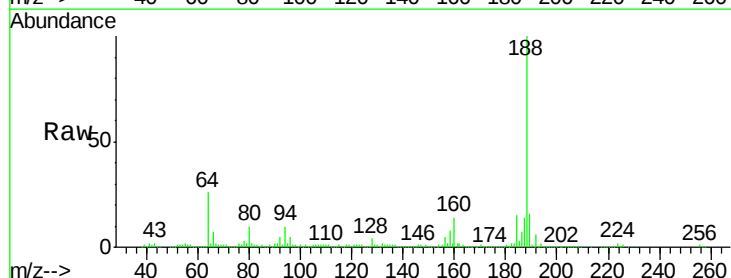
Tgt Ion:188 Resp: 366006

Ion Ratio Lower Upper

188 100

94 9.6 11.1 16.7#

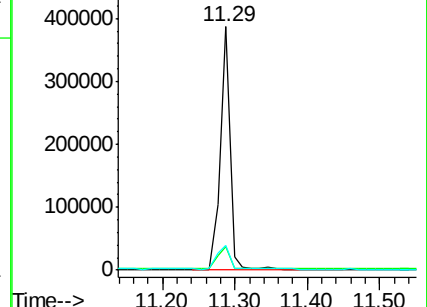
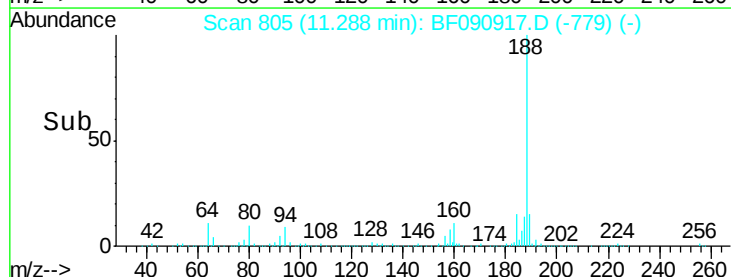
80 10.2 11.0 16.4#

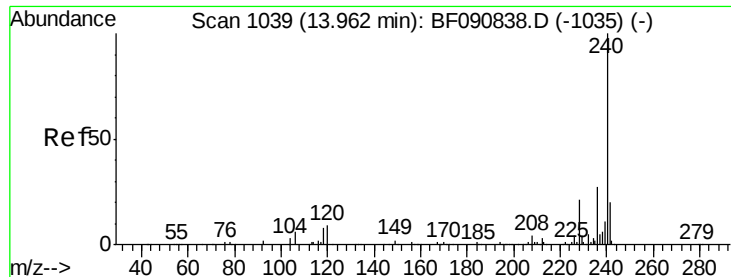


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TWP-02

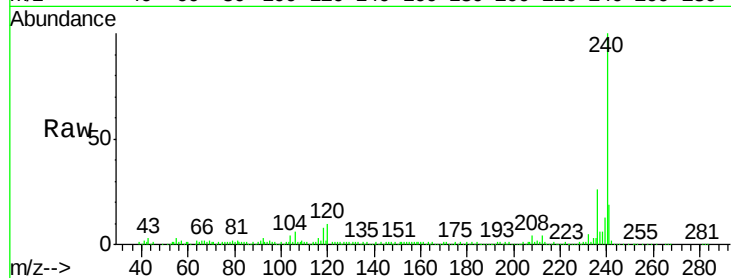
Tgt Ion:240 Resp: 271859

Ion Ratio Lower Upper

240 100

120 9.6 16.2 24.2#

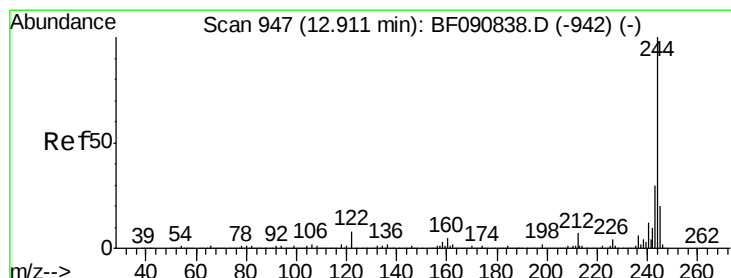
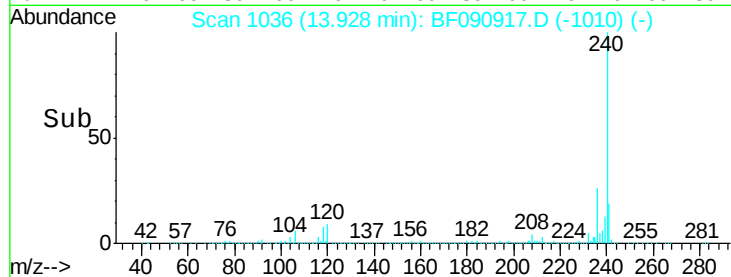
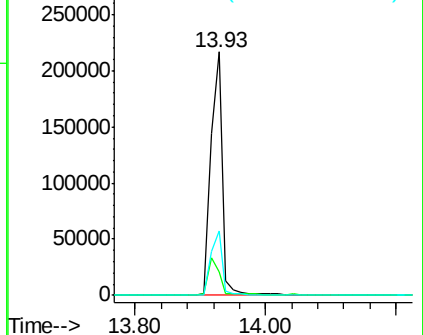
236 26.4 18.4 27.6



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: 98.05 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

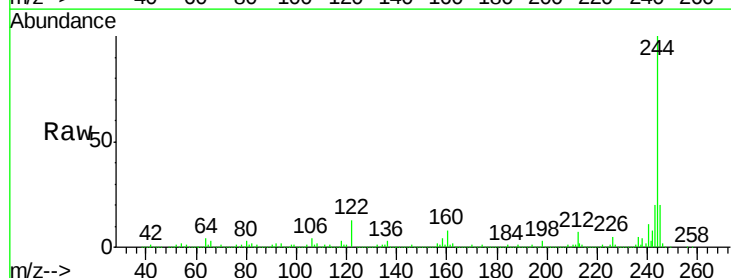
Tgt Ion:244 Resp: 1058039

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

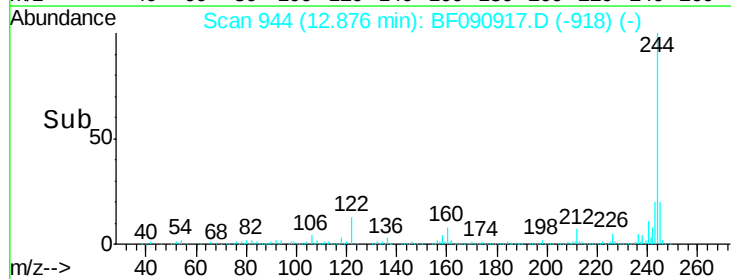
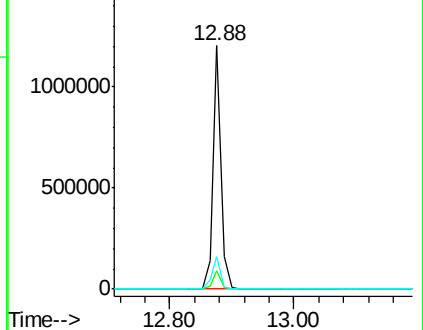
122 13.2 17.4 26.2#

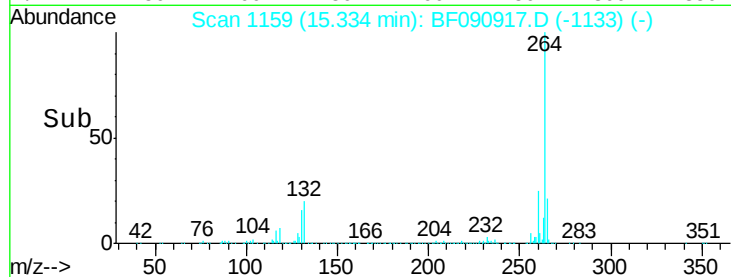
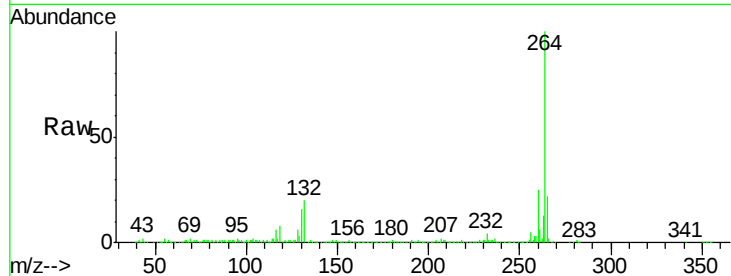
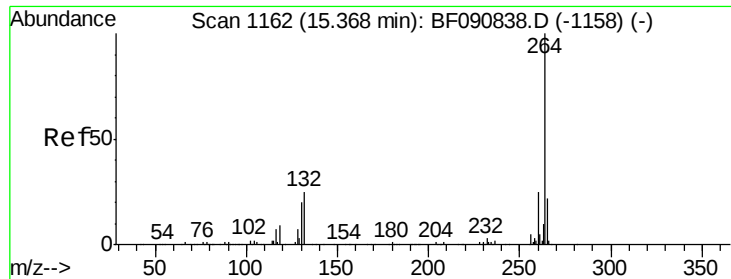


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF090917.D

Acq: 28 Oct 2016 19:23

Instrument :

BNA_F

ClientSampleId :

TWP-02

Tgt Ion: 264 Resp: 314458

Ion Ratio Lower Upper

264 100

260 25.2 16.7 25.1#

265 21.5 17.2 25.8

