

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090659.D
 Acq On : 19 Oct 2016 20:32
 Operator : UM/SJ
 Sample : H5317-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101816-03

Quant Time: Oct 20 02:03:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

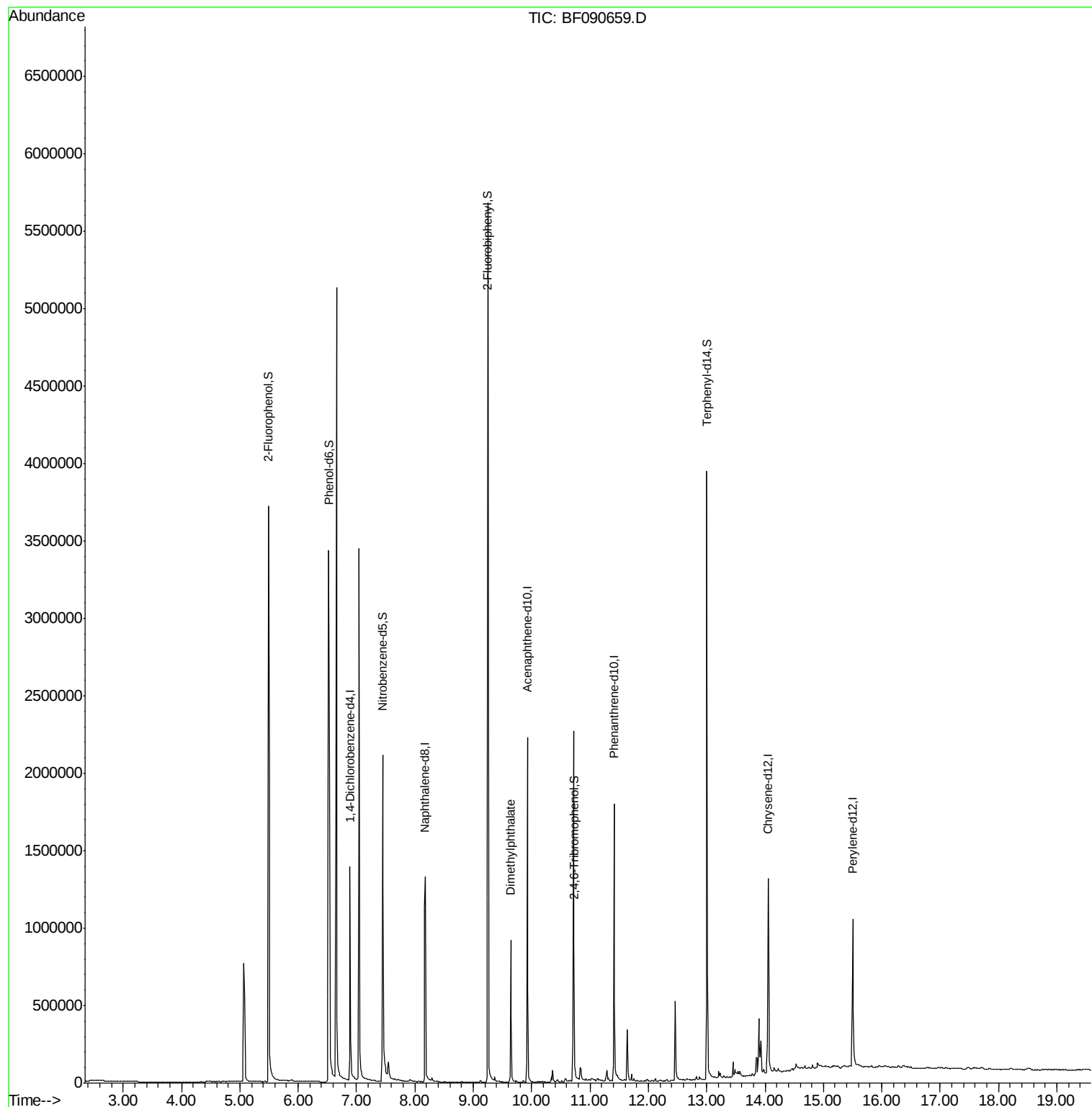
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	214794	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	906000	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	455295	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	672341	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	449056	20.00	ng	-0.01
86) Perylene-d12	15.50	264	429651	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1293983	110.44	ng	0.00
7) Phenol-d6	6.52	99	1722616	98.95	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1045540	64.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	272352	67.10	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1674396	60.60	ng	-0.01
78) Terphenyl-d14	13.00	244	1164212	60.37	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.64	163	407110	13.78	ng	Qvalue 99

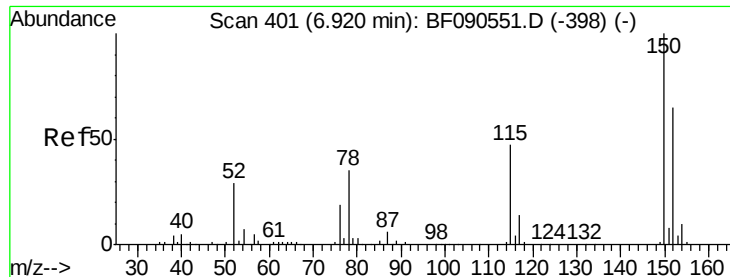
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Instrument :

BNA_F

ClientSampleId :

101816-03

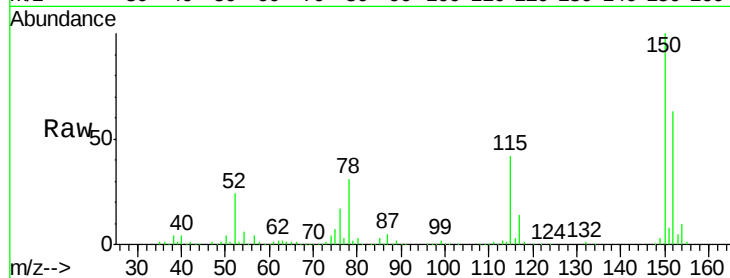
Tot Ion:152 Resp: 214794

Ion Ratio Lower Upper

152 100

150 157.7 127.2 190.8

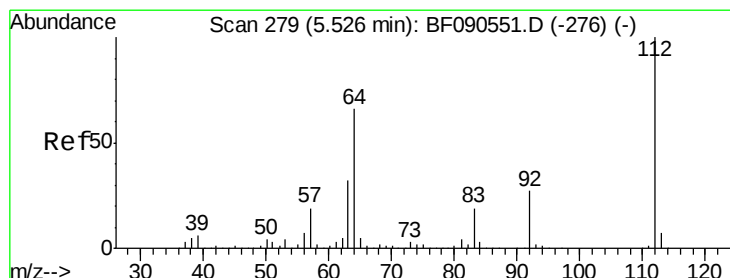
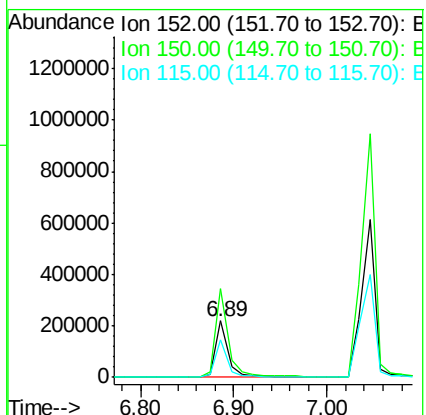
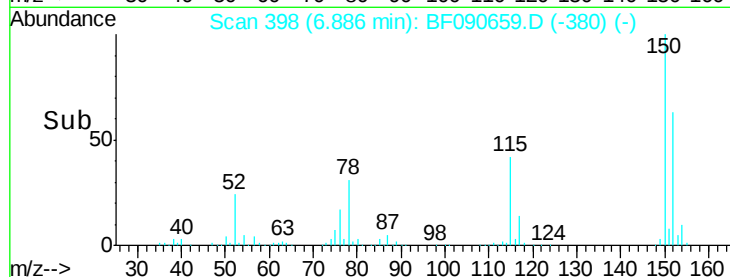
115 66.6 58.6 88.0



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: 110.44 ng

RT: 5.49 min Scan# 276

Delta R.T. 0.00 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

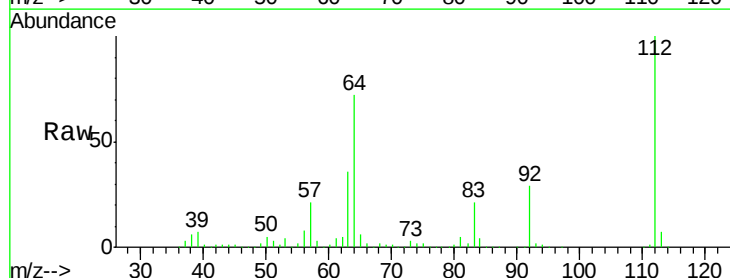
Tgt Ion:112 Resp: 1293983

Ion Ratio Lower Upper

112 100

64 72.1 52.6 78.8

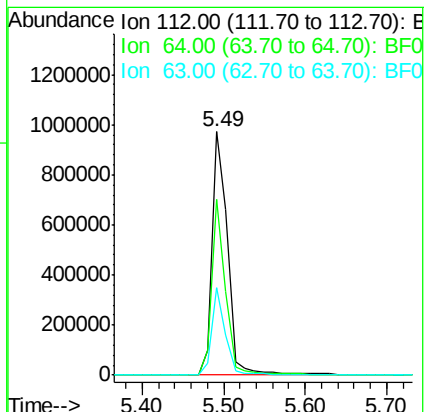
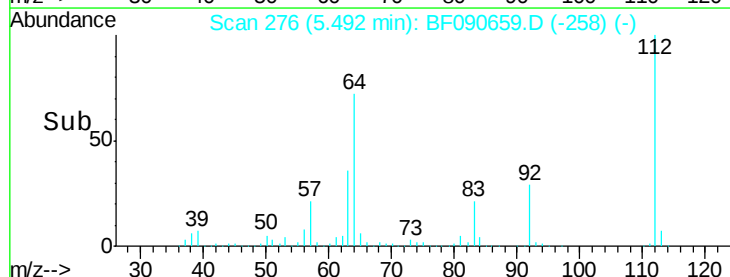
63 35.7 26.0 39.0

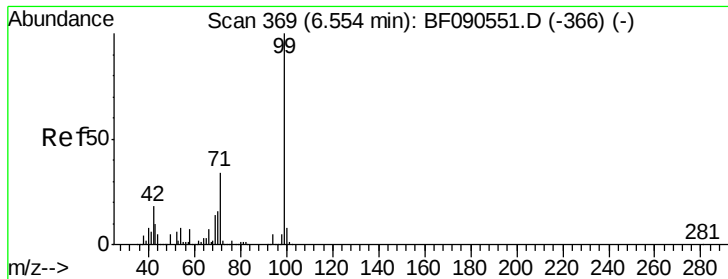


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.95 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Instrument :

BNA_F

ClientSampleId :

101816-03

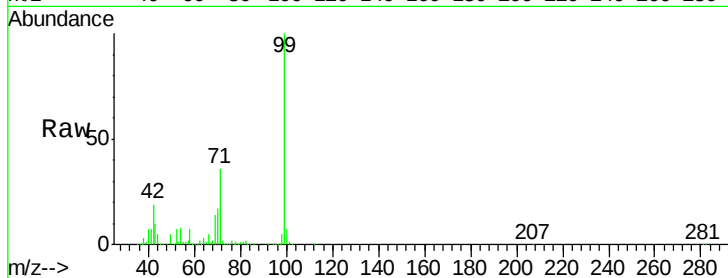
Tot Ion: 99 Resp: 1722616

Ion Ratio Lower Upper

99 100

42 19.1 14.7 22.1

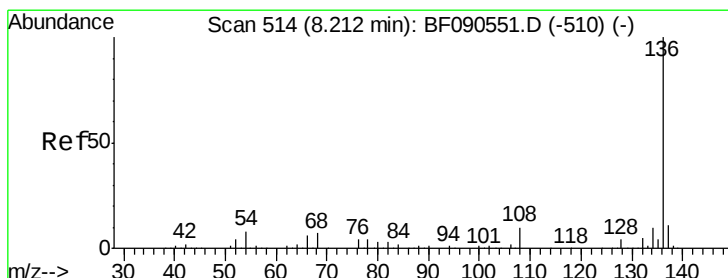
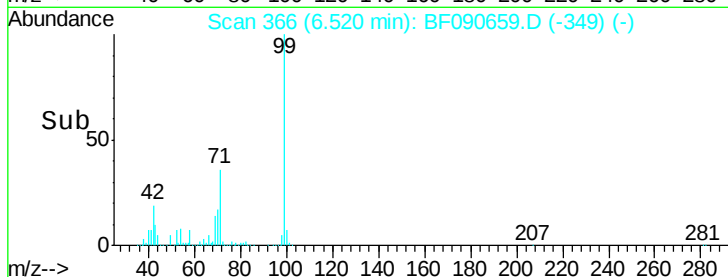
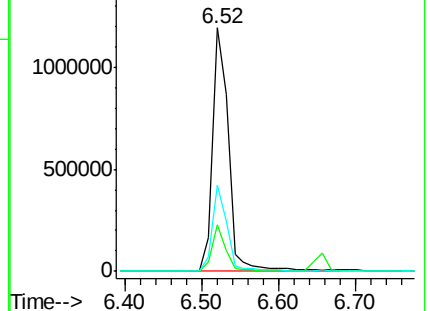
71 35.6 27.6 41.4



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: 8.18 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Tgt Ion: 136 Resp: 906000

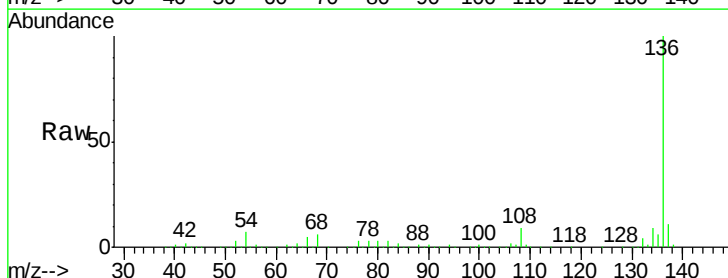
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 6.8 10.2#

68 6.0 6.0 9.0#

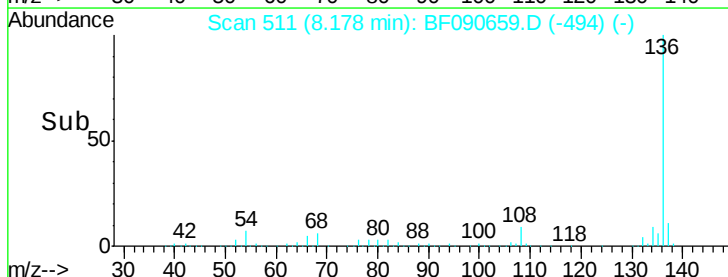
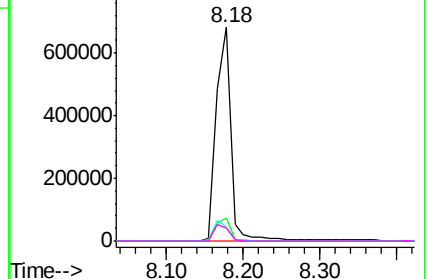


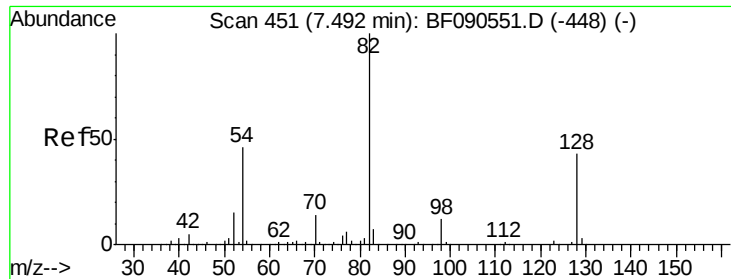
Abundance Ion 136.00 (135.70 to 136.70): E

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

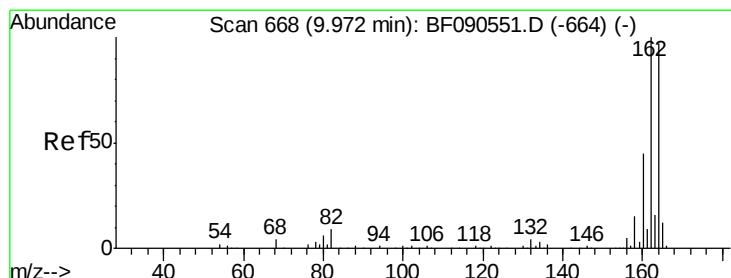
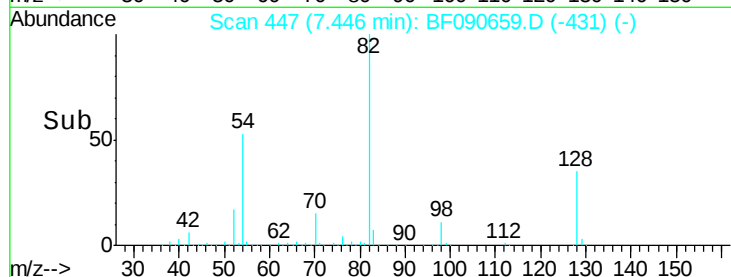
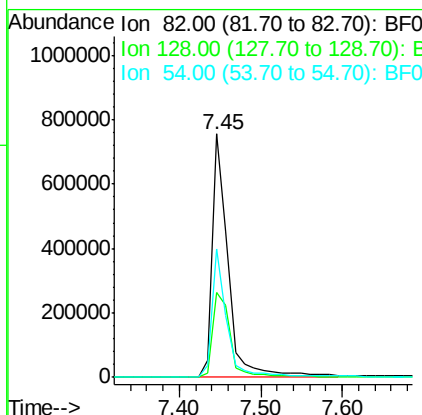
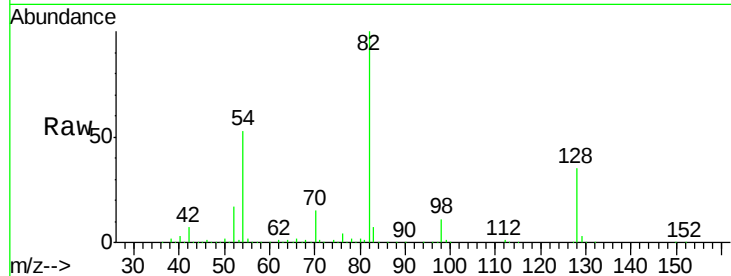




#23
 Nitrobenzene-d5
 Concen: 64.11 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090659.D
 Acq: 19 Oct 2016 20:32

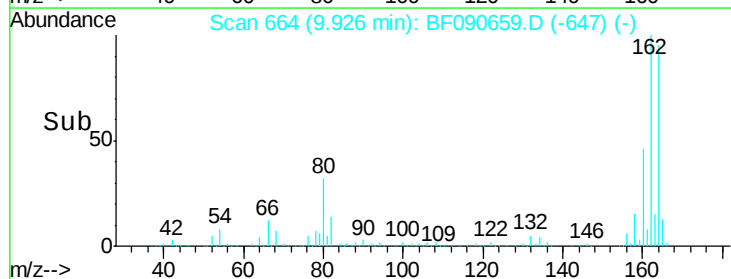
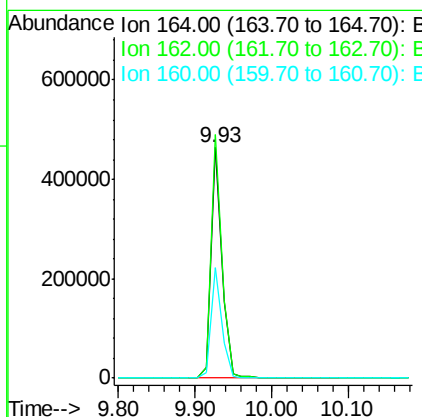
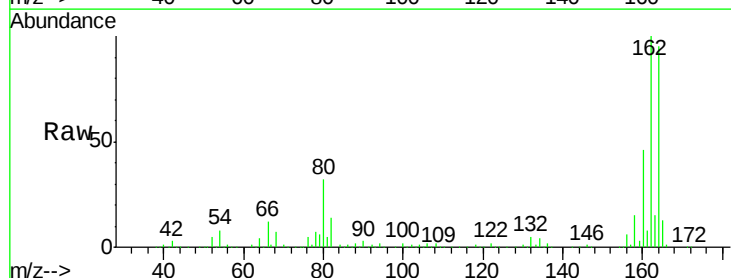
Instrument :
 BNA_F
 ClientSampleId :
 101816-03

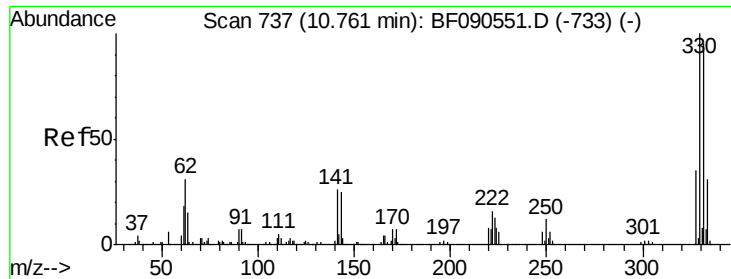
Tot Ion: 82 Resp: 1045540
 Ion Ratio Lower Upper
 82 100
 128 35.1 34.3 51.5
 54 53.0 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF090659.D
 Acq: 19 Oct 2016 20:32

Tgt Ion:164 Resp: 455295
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.2 123.4
 160 48.1 36.6 55.0

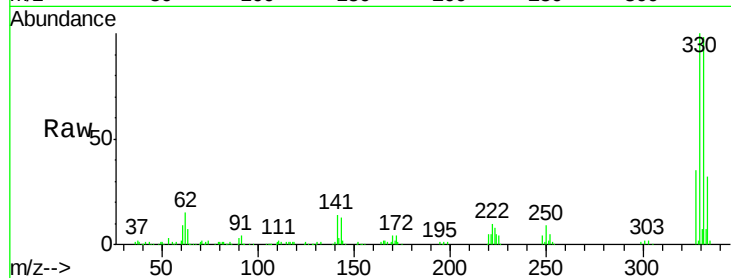




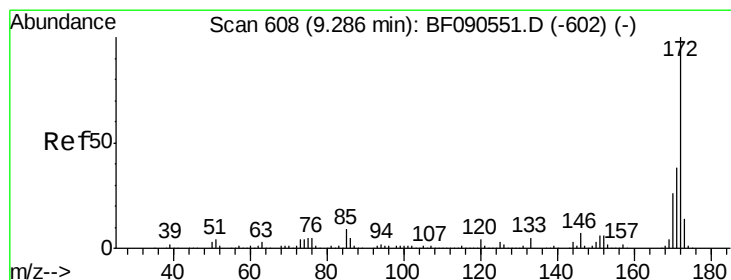
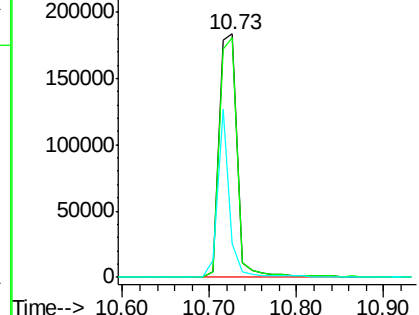
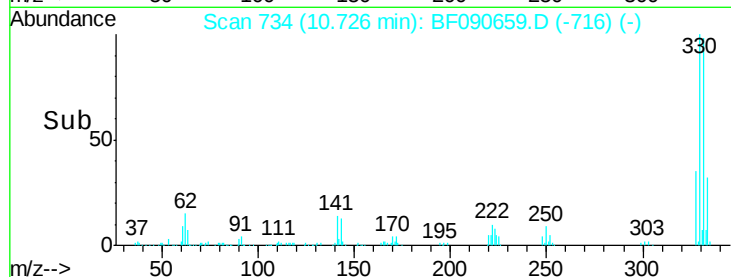
#41
 2,4,6-Tribromophenol
 Concen: 67.10 ng
 RT: 10.73 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF090659.D
 Acq: 19 Oct 2016 20:32

Instrument :
 BNA_F
 ClientSampleId :
 101816-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.2	114.2
141	45.5	31.4	47.2

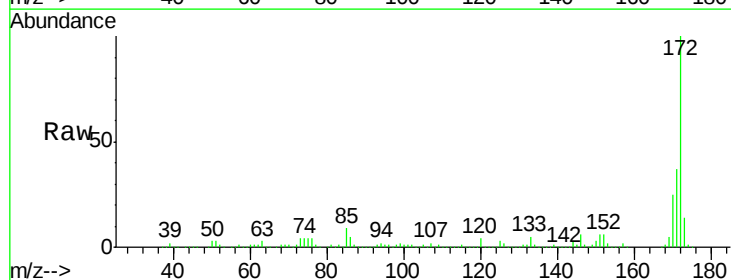


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

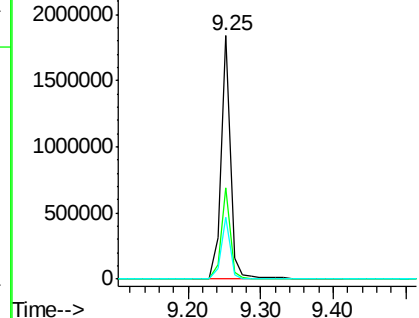
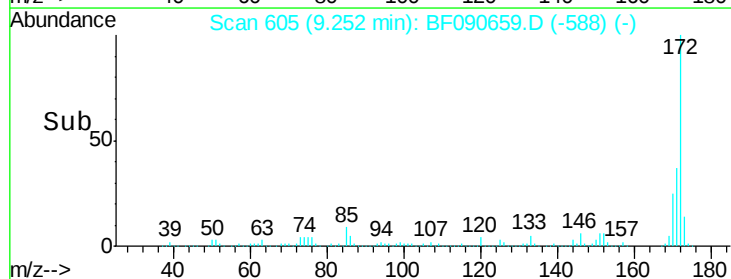


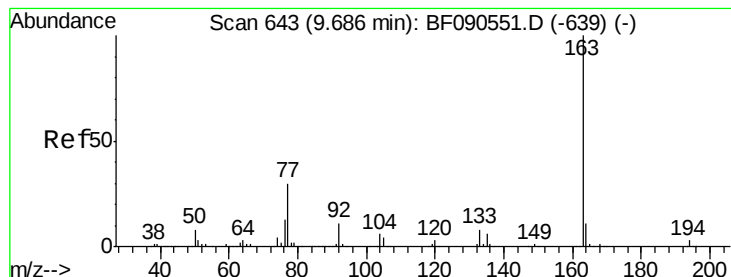
#44
 2-Fluorobiphenyl
 Concen: 60.60 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090659.D
 Acq: 19 Oct 2016 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	25.4	20.6	30.8



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: 13.78 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Instrument :

BNA_F

ClientSampleId :

101816-03

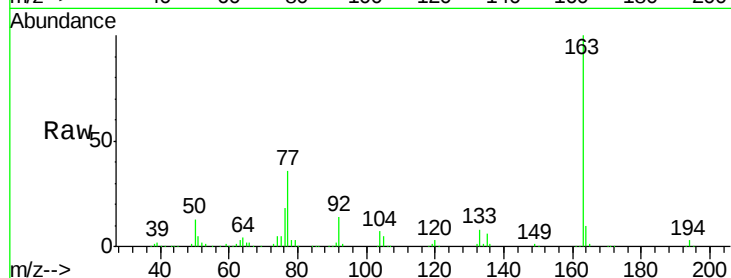
Tot Ion:163 Resp: 407110

Ion Ratio Lower Upper

163 100

194 2.7 2.3 3.5

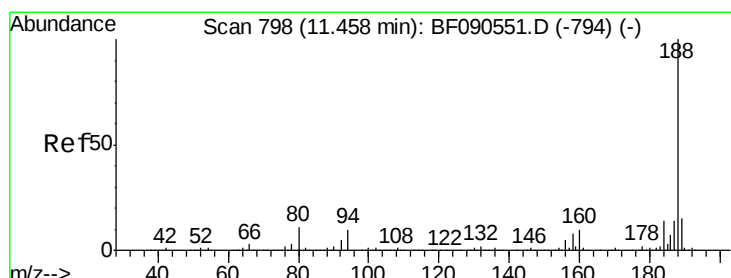
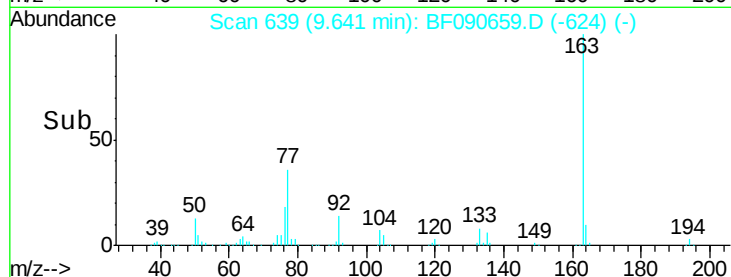
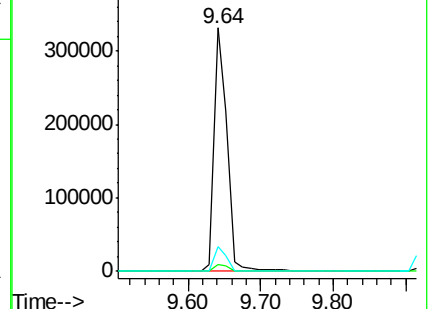
164 10.3 8.6 13.0



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: 11.41 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

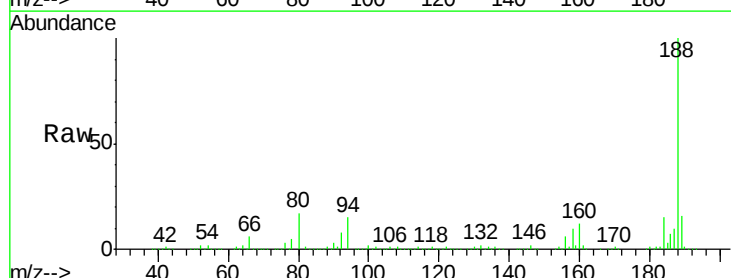
Tgt Ion:188 Resp: 672341

Ion Ratio Lower Upper

188 100

94 15.2 7.7 11.5#

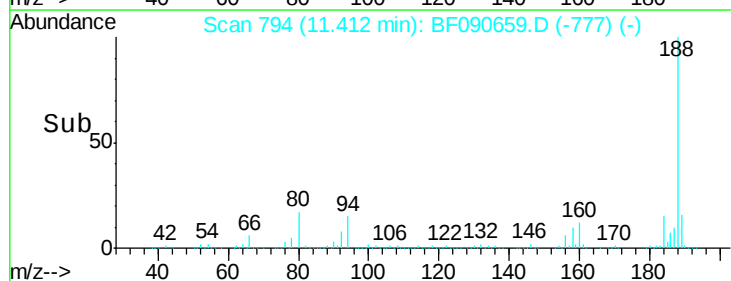
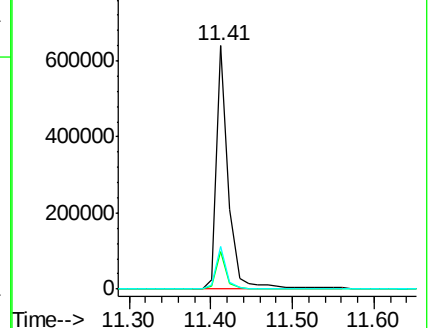
80 17.5 8.6 12.8#

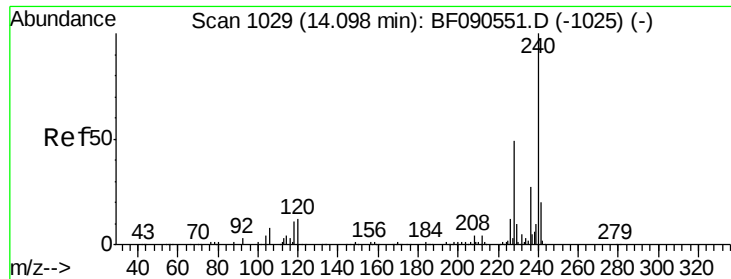


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Instrument :

BNA_F

ClientSampleId :

101816-03

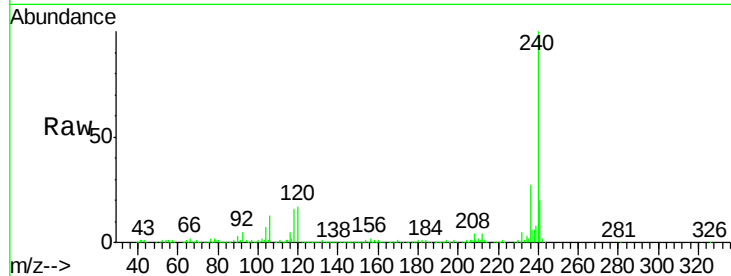
Tot Ion:240 Resp: 449056

Ion Ratio Lower Upper

240 100

120 17.0 9.8 14.8#

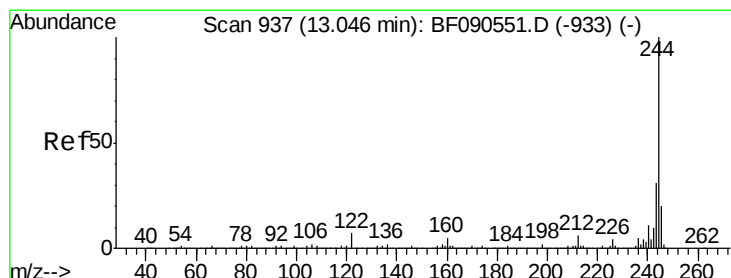
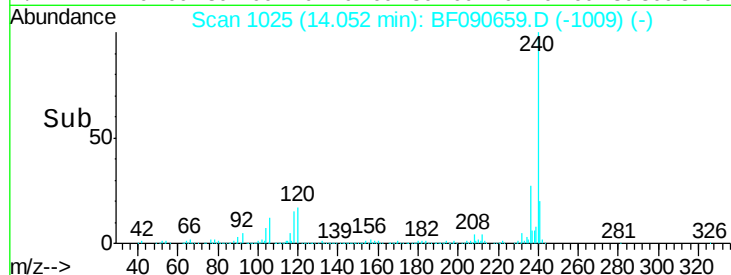
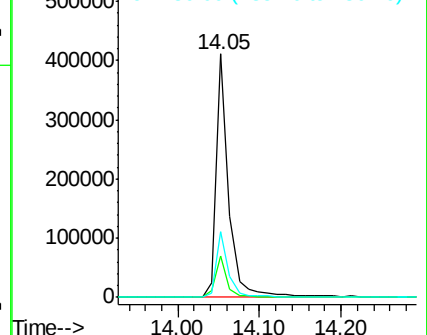
236 27.2 21.7 32.5



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: 60.37 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

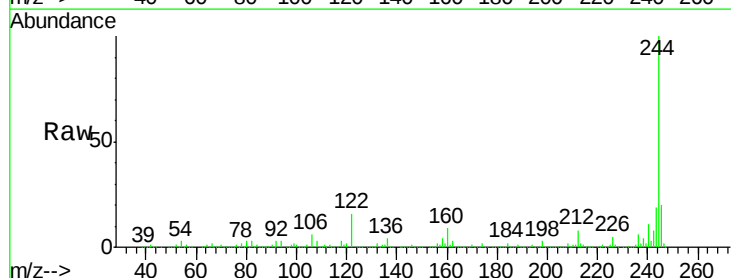
Tgt Ion:244 Resp: 1164212

Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

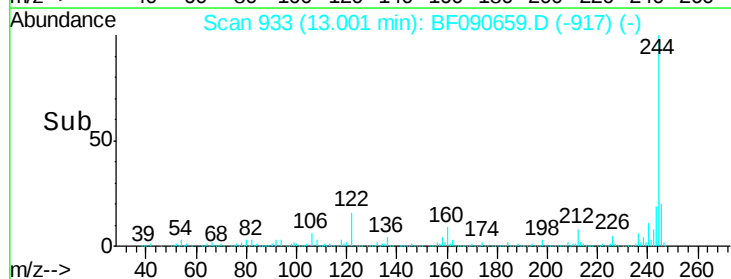
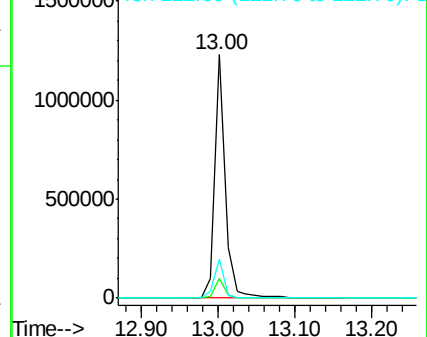
122 16.0 5.6 8.4#

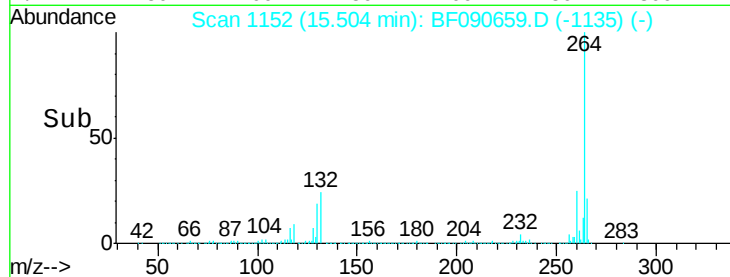
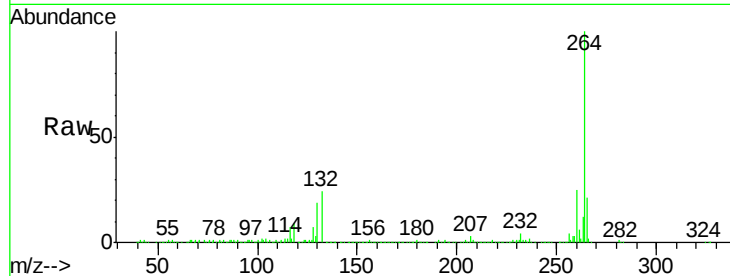
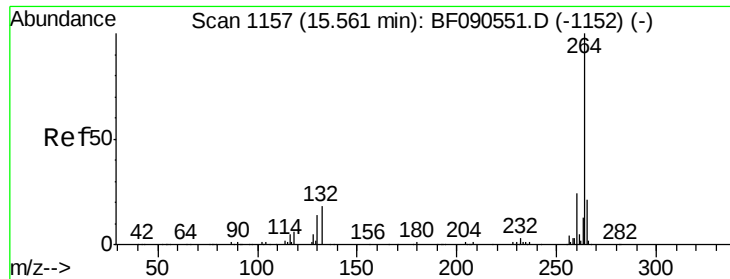


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF090659.D

Acq: 19 Oct 2016 20:32

Instrument :

BNA_F

ClientSampleId :

101816-03

Tot Ion:264 Resp: 429651

Ion Ratio Lower Upper

264 100

260 25.3 19.3 28.9

265 21.1 16.7 25.1

