

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090565.D
 Acq On : 14 Oct 2016 12:55
 Operator : UM/SJ
 Sample : H4977-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13M

Quant Time: Oct 14 13:58:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

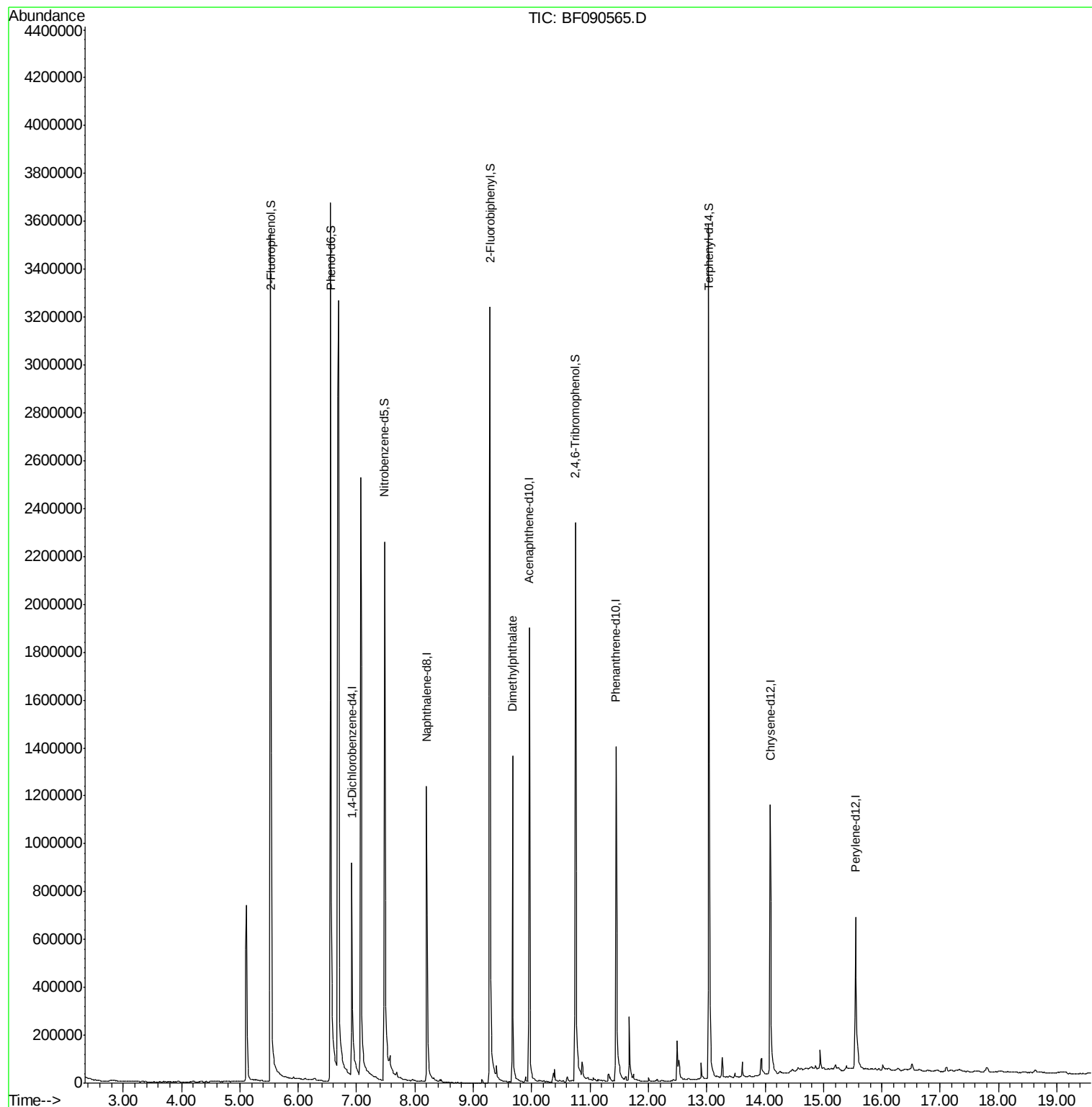
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	198147	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	835523	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	450193	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	765547	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	602383	20.00	ng	-0.01
86) Perylene-d12	15.55	264	394350	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1218553	112.74	ng	0.00
7) Phenol-d6	6.55	99	1846614	114.98	ng	0.00
23) Nitrobenzene-d5	7.48	82	1112726	73.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	406942	101.39	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1504775	55.07	ng	0.00
78) Terphenyl-d14	13.04	244	1436342	55.52	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.67	163	642923	22.01	ng	Qvalue 99

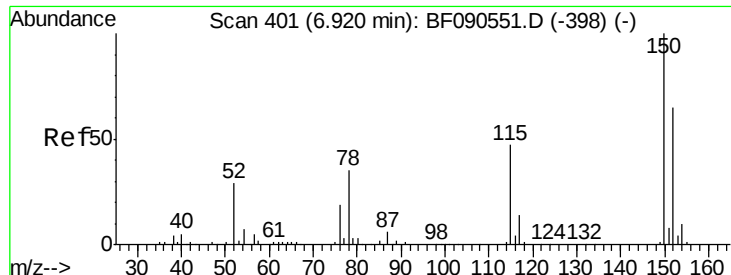
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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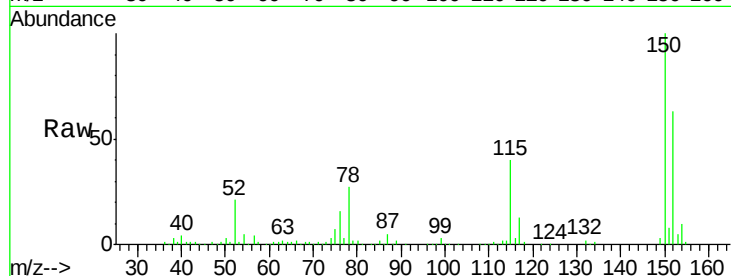




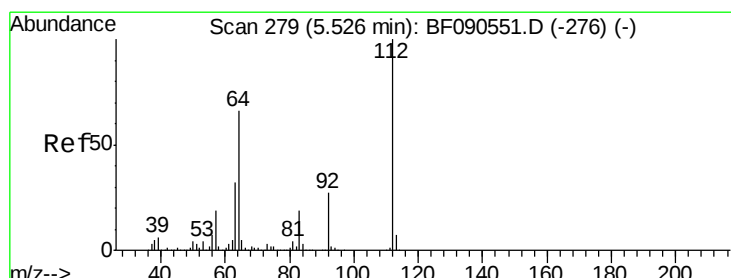
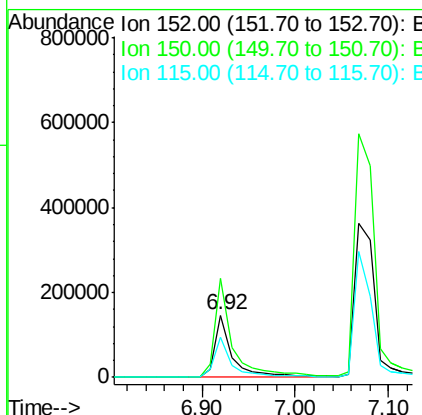
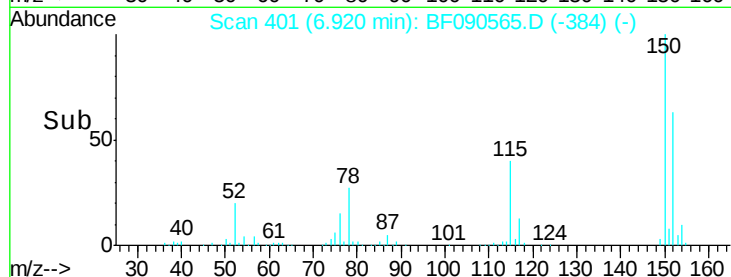
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BF090565.D
 Acq: 14 Oct 2016 12:55

Instrument :
 BNA_F
 ClientSampleId :
 13M

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.2	190.8
115	63.7	58.6	88.0

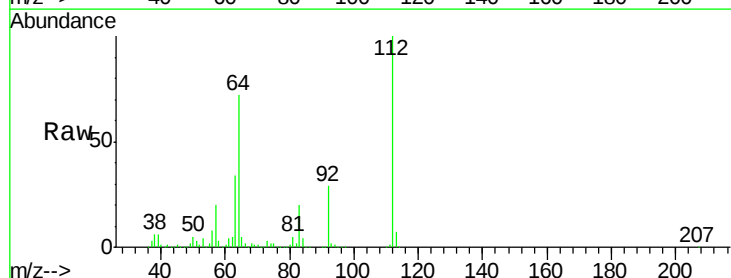


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

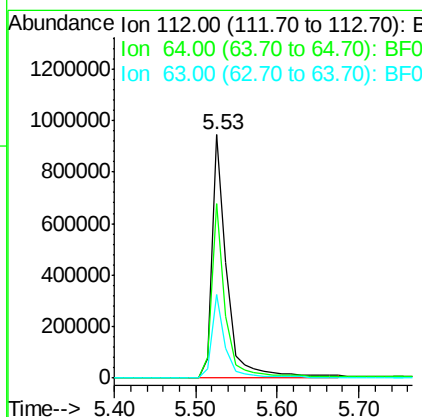
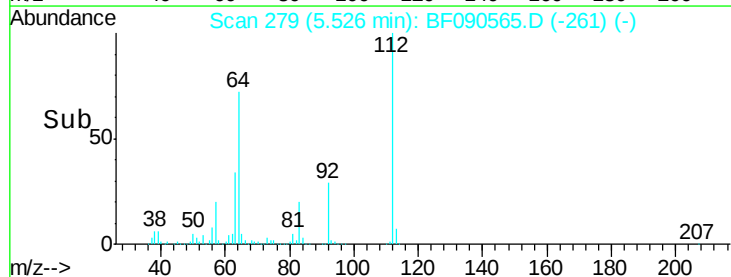


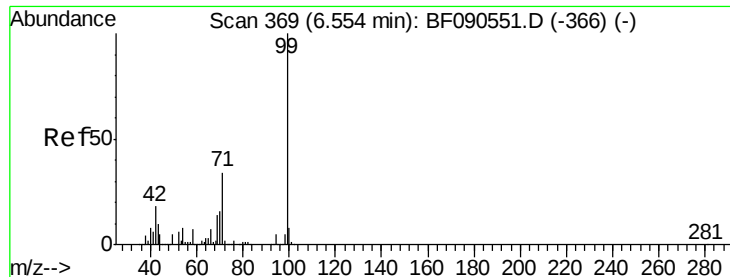
#5
 2-Fluorophenol
 Concen: 112.74 ng
 RT: 5.53 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: BF090565.D
 Acq: 14 Oct 2016 12:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	52.6	78.8
63	34.4	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: 114.98 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090565.D

Acq: 14 Oct 2016 12:55

Instrument :

BNA_F

ClientSampleId :

13M

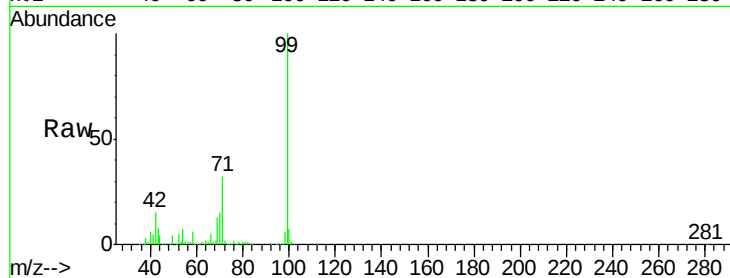
Tot Ion: 99 Resp: 1846614

Ion Ratio Lower Upper

99 100

42 15.4 14.7 22.1

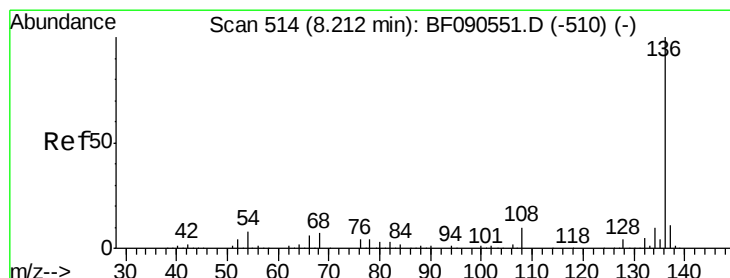
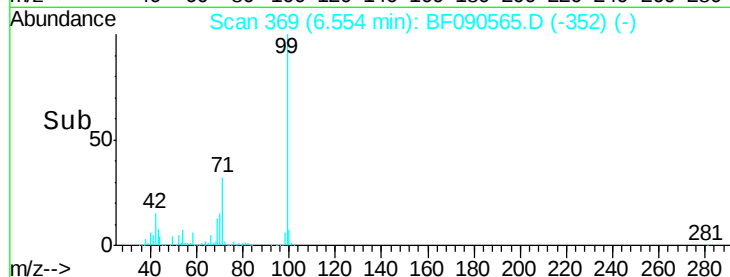
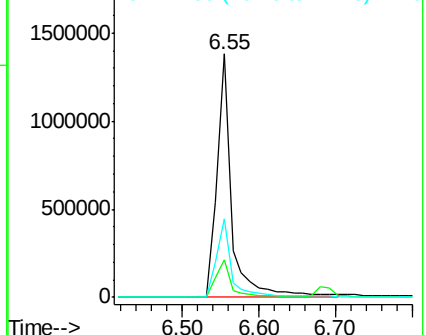
71 32.1 27.6 41.4



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: 8.20 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF090565.D

Acq: 14 Oct 2016 12:55

Tgt Ion: 136 Resp: 835523

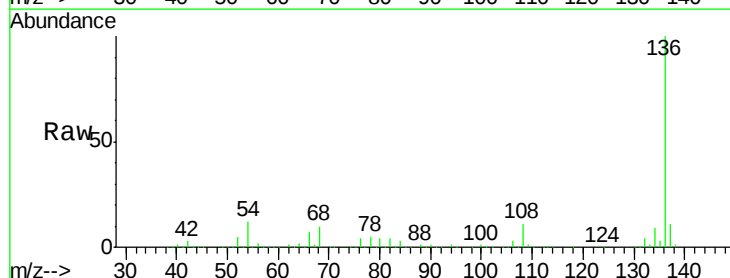
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 11.8 6.8 10.2#

68 9.7 6.0 9.0#

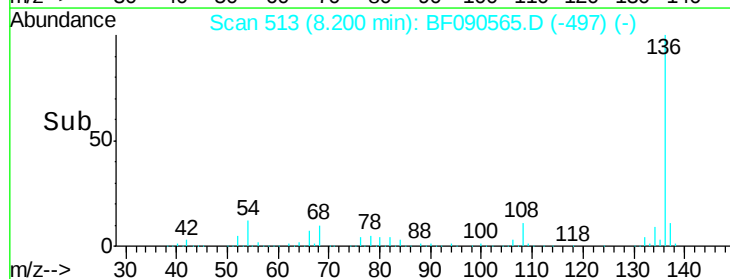
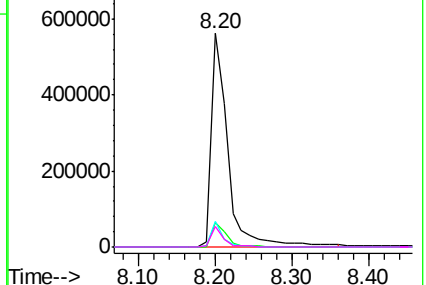


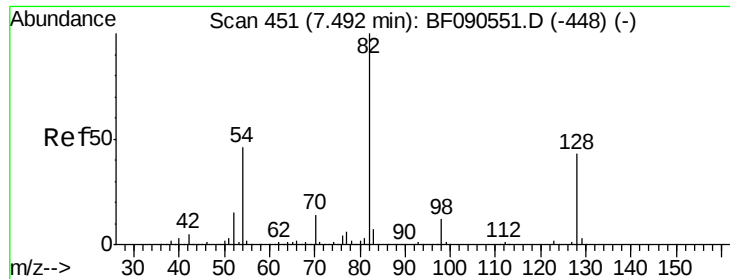
Abundance Ion 136.00 (135.70 to 136.70): E

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



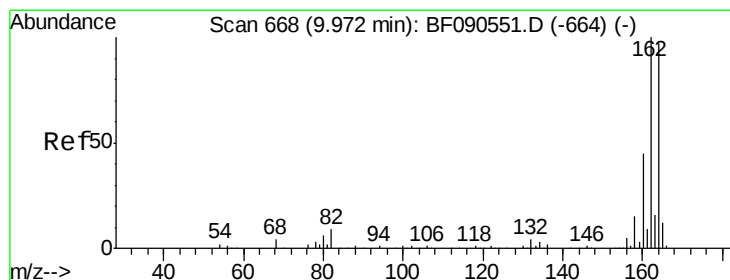
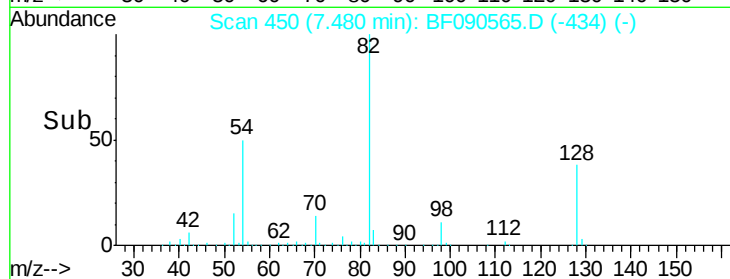
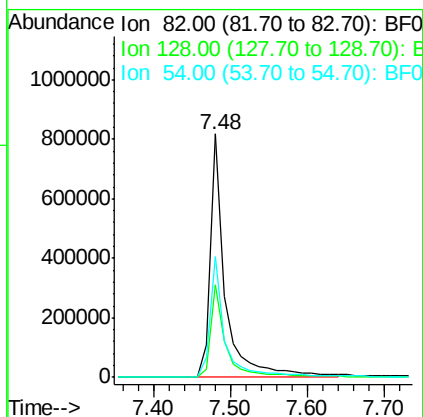
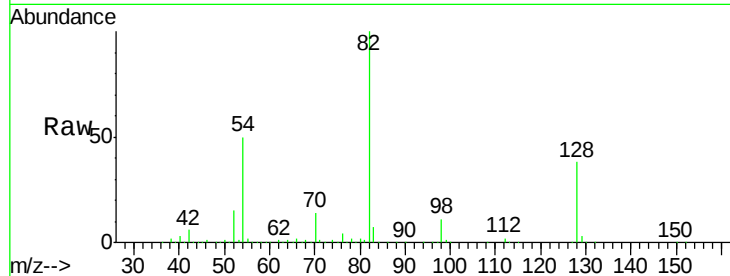


#23
 Nitrobenzene-d5
 Concen: 73.98 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090565.D
 Acq: 14 Oct 2016 12:55

Instrument :
 BNA_F
 ClientSampled :
 13M

Tot Ion: 82 Resp: 1112726

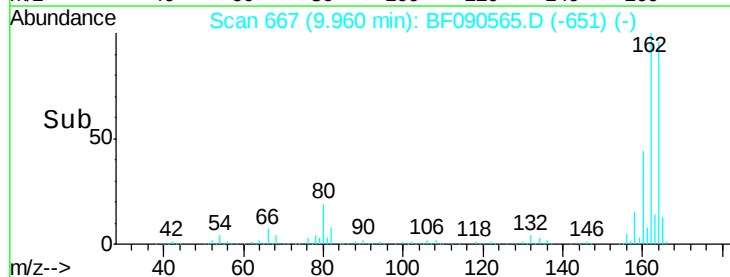
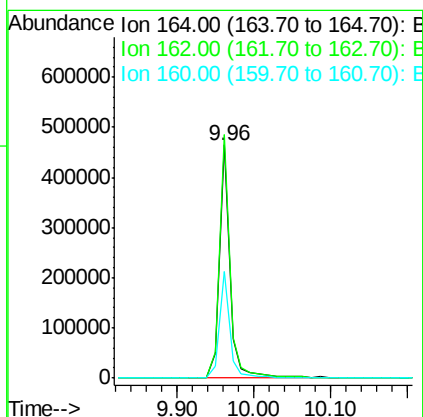
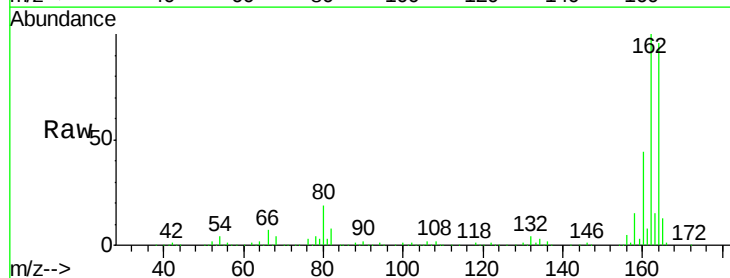
Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.3	51.5
54	49.8	37.0	55.6

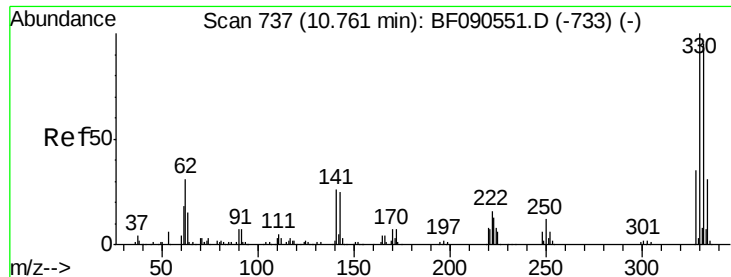


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090565.D
 Acq: 14 Oct 2016 12:55

Tgt Ion: 164 Resp: 450193

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.2	123.4
160	46.0	36.6	55.0

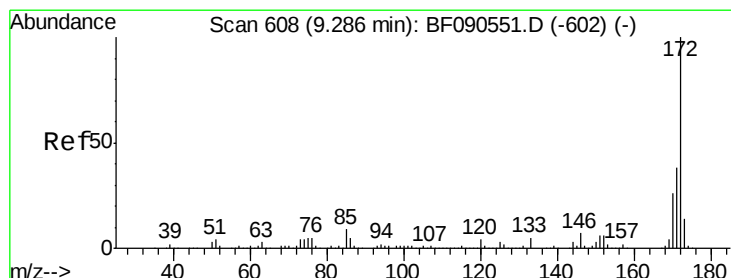
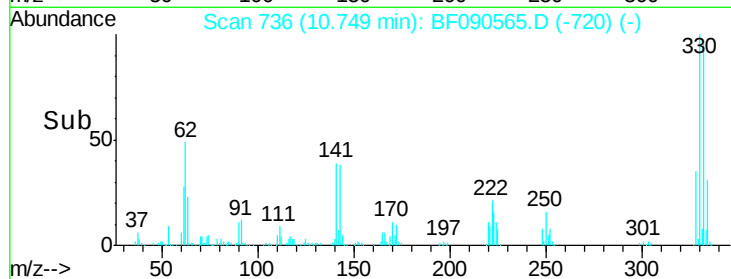
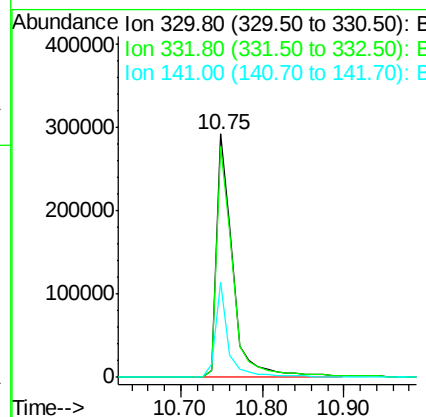
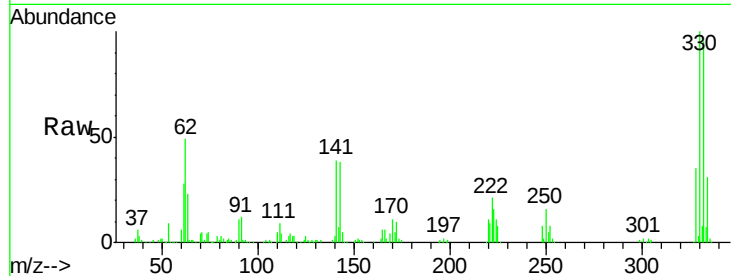




#41
 2,4,6-Tribromophenol
 Concen: 101.39 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090565.D
 Acq: 14 Oct 2016 12:55

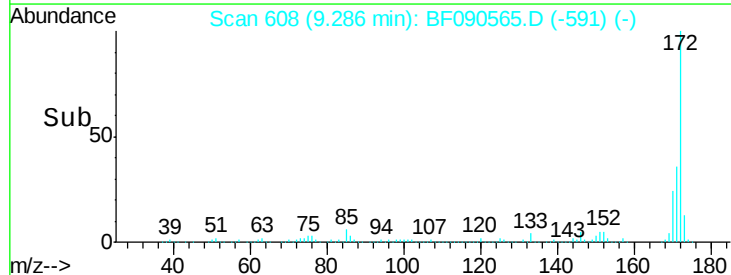
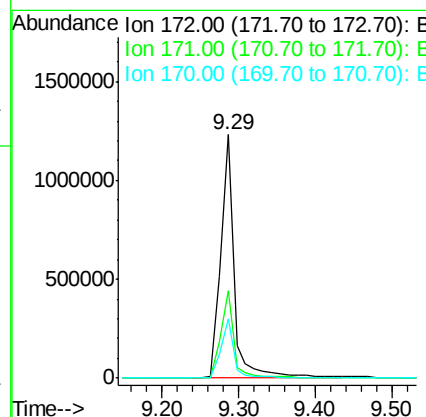
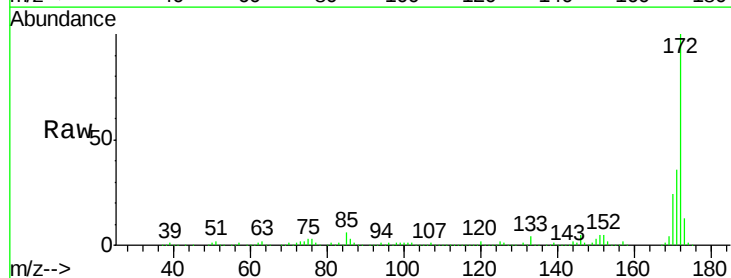
Instrument :
 BNA_F
 ClientSampled :
 13M

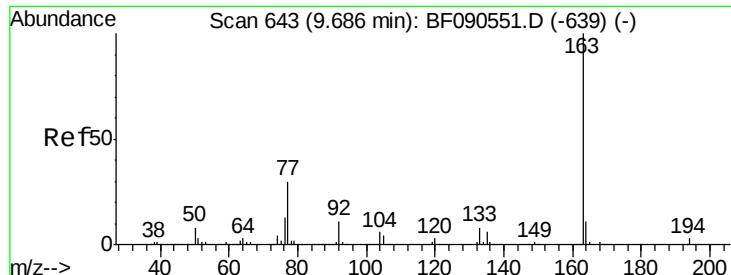
Tot Ion	330	Resp	406942
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.2	114.2
141	31.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 55.07 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090565.D
 Acq: 14 Oct 2016 12:55

Tgt Ion	172	Resp	1504775
Ion Ratio	Lower	Upper	
172	100		
171	36.1	30.1	45.1
170	24.3	20.6	30.8





#49

Dimethylphthalate

Concen: 22.01 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF090565.D

Acq: 14 Oct 2016 12:55

Instrument :

BNA_F

ClientSampleId :

13M

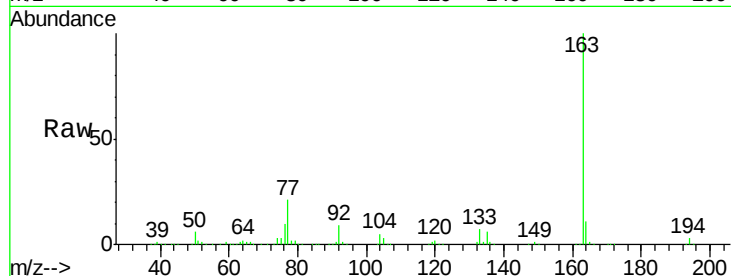
Tot Ion:163 Resp: 642923

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

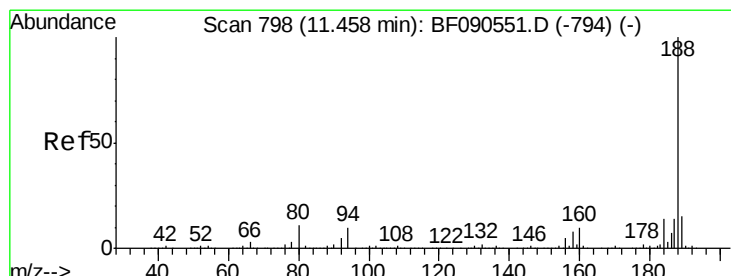
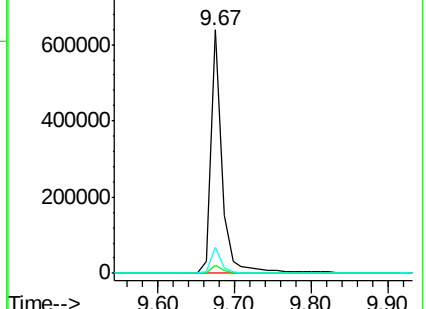
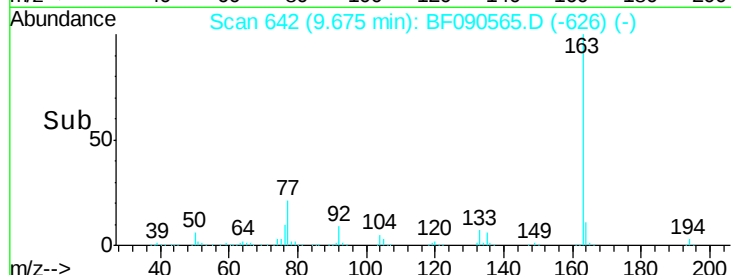
164 10.6 8.6 13.0



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: 11.45 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF090565.D

Acq: 14 Oct 2016 12:55

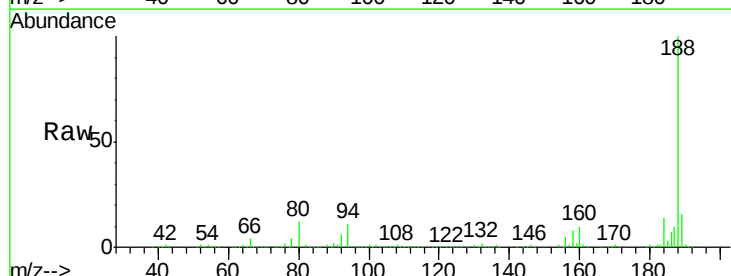
Tgt Ion:188 Resp: 765547

Ion Ratio Lower Upper

188 100

94 10.9 7.7 11.5

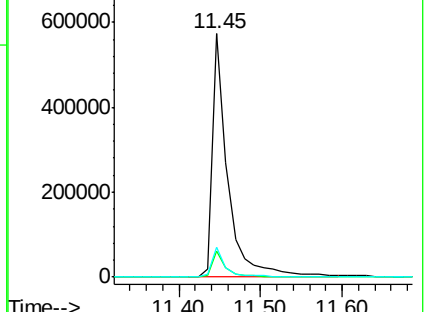
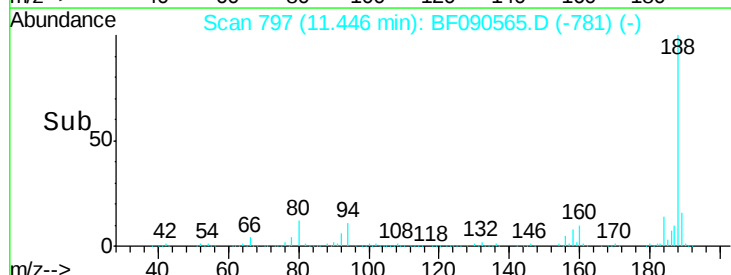
80 12.0 8.6 12.8

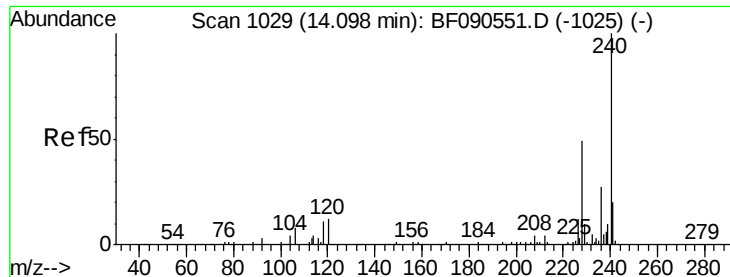


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF090565.D

Acq: 14 Oct 2016 12:55

Instrument :

BNA_F

ClientSampleId :

13M

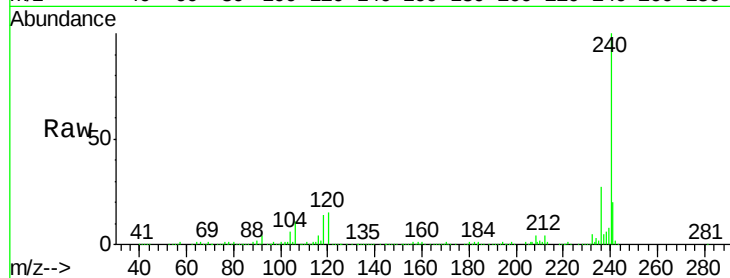
Tot Ion:240 Resp: 602383

Ion Ratio Lower Upper

240 100

120 15.4 9.8 14.8#

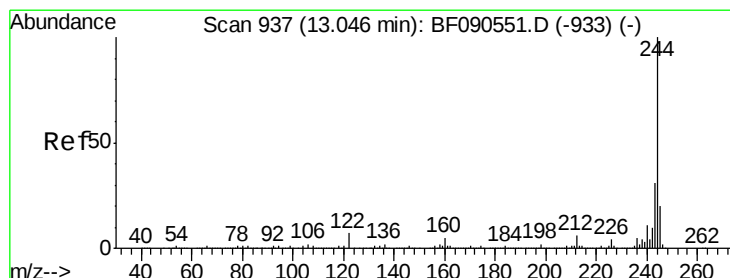
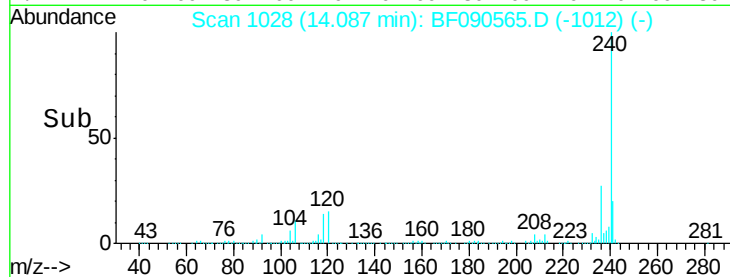
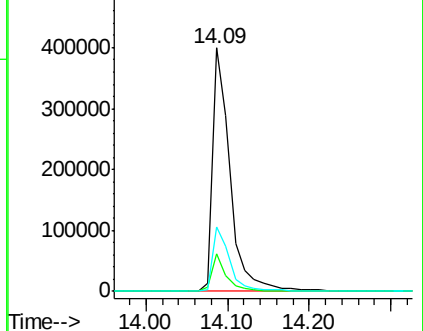
236 26.5 21.7 32.5



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: 55.52 ng

RT: 13.04 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090565.D

Acq: 14 Oct 2016 12:55

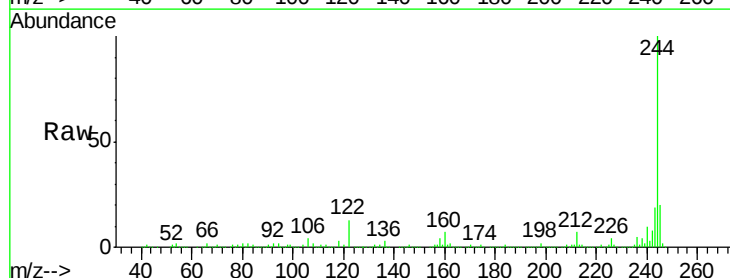
Tgt Ion:244 Resp: 1436342

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

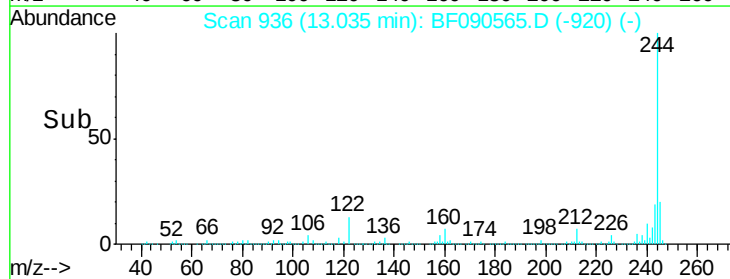
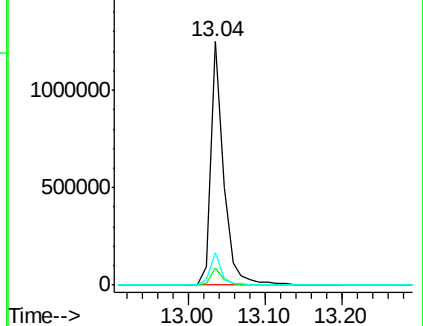
122 13.1 5.6 8.4#

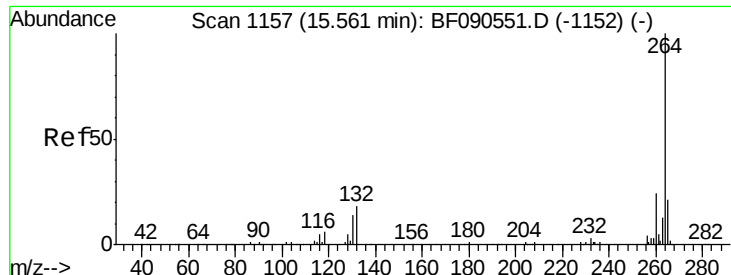


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF090565.D
Acq: 14 Oct 2016 12:55

Instrument :
BNA_F
ClientSampleId :
13M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.5	16.7	25.1

