

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090597.D
 Acq On : 15 Oct 2016 9:50
 Operator : UM/SJ
 Sample : H5228-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5

Quant Time: Oct 17 01:34:54 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 12:44:45 2016
 Response via : Initial Calibration

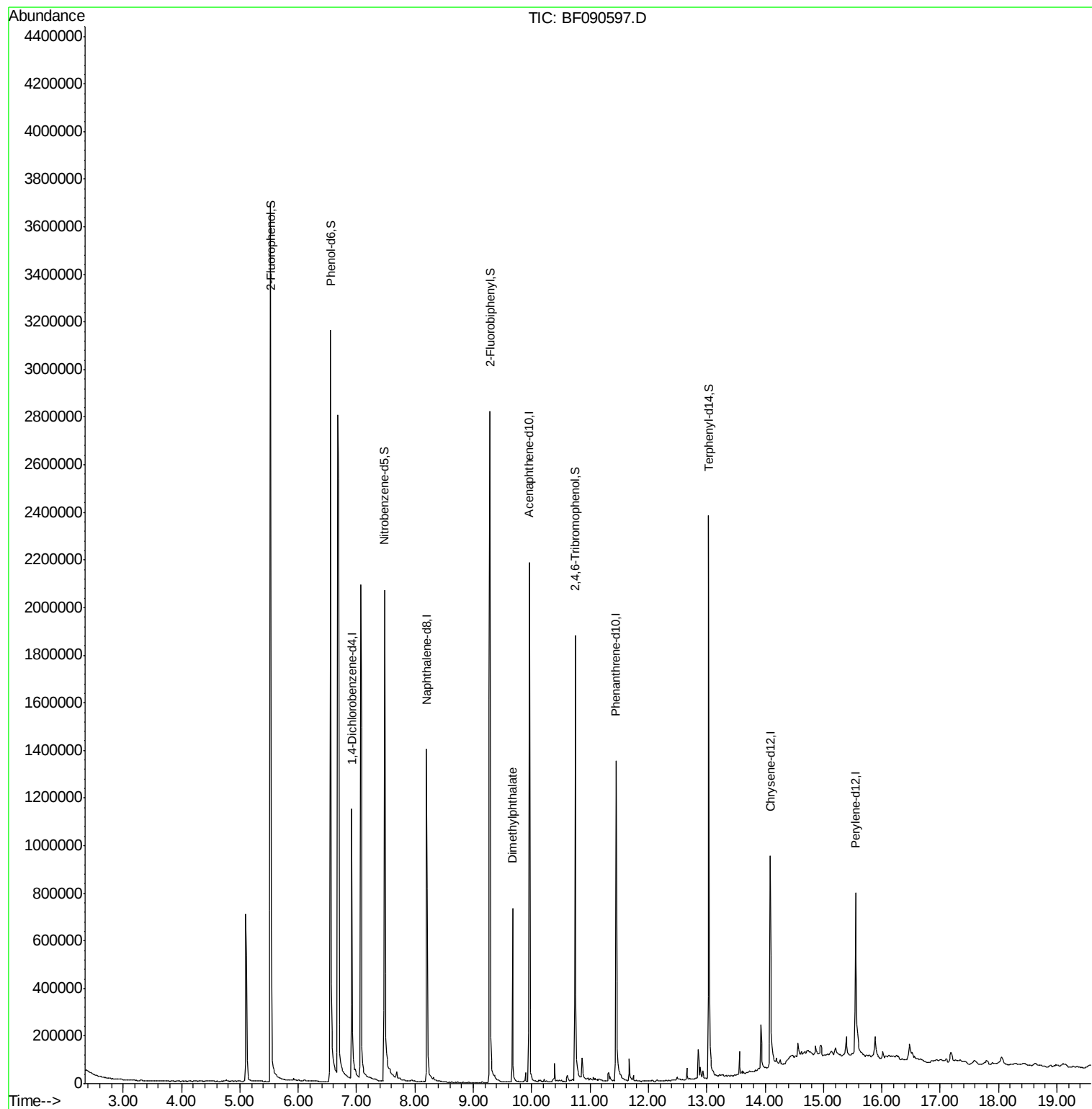
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	206207	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	835147	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	419996	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	545027	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	377804	20.00	ng	-0.01
86) Perylene-d12	15.55	264	344148	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1037110	92.20	ng	0.00
7) Phenol-d6	6.55	99	1523217	91.14	ng	0.00
23) Nitrobenzene-d5	7.48	82	880105	58.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	199159	53.19	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1137606	44.63	ng	0.00
78) Terphenyl-d14	13.03	244	762282	46.98	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.67	163	261740	9.61	ng	Qvalue 99

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

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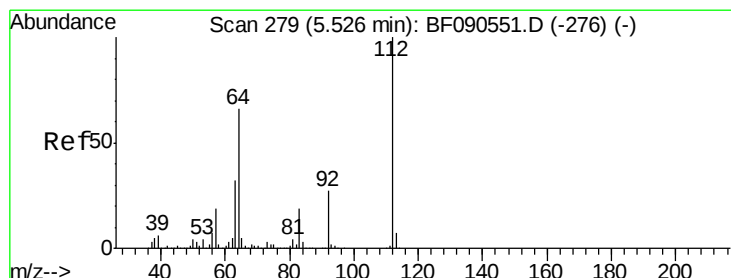
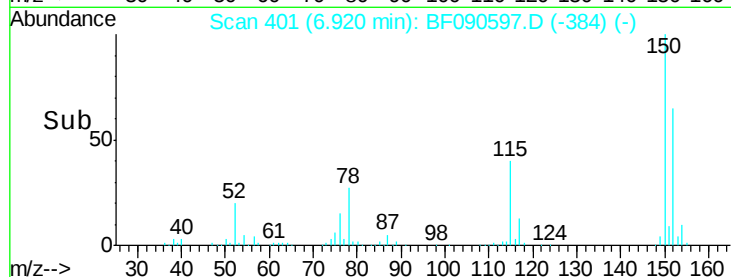
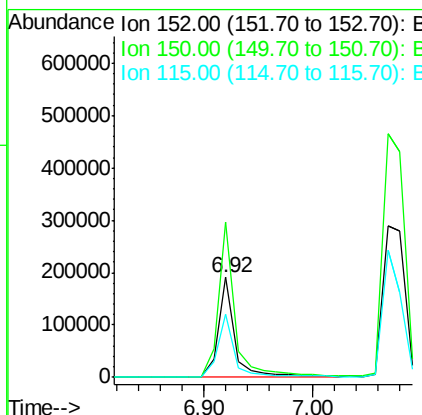
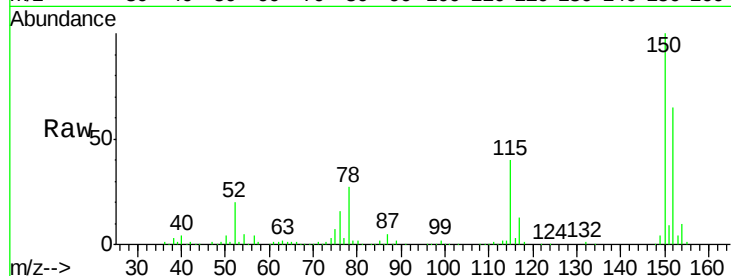


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090597.D
Acq: 15 Oct 2016 9:50

Instrument :
BNA_F
ClientSampleId :
5

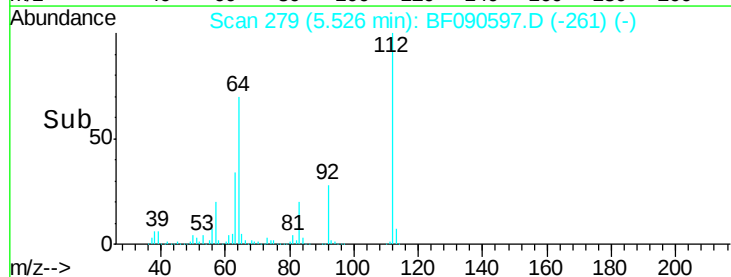
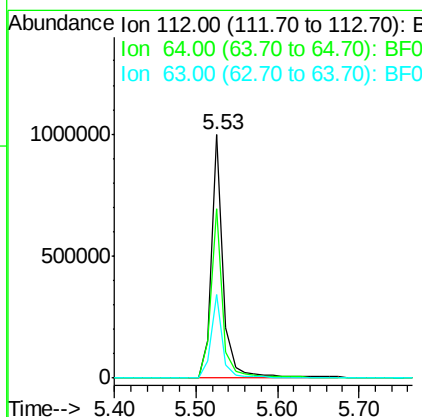
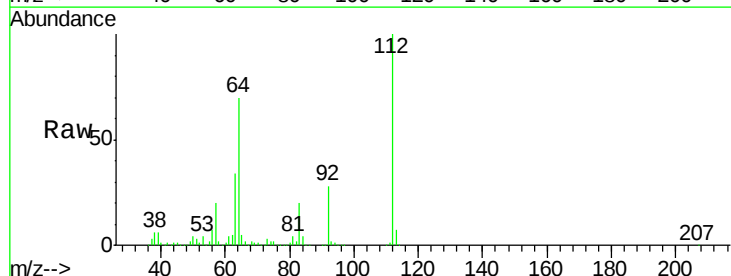
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.2	190.8
115	62.5	58.6	88.0

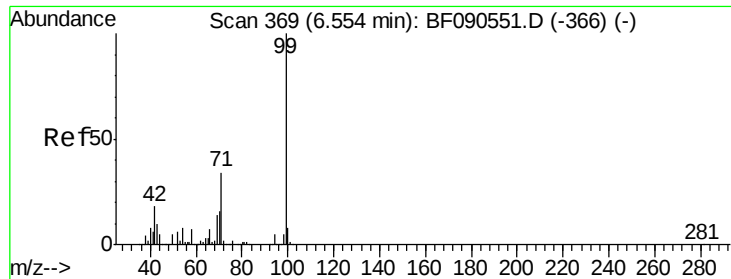


#5

2-Fluorophenol
Concen: 92.20 ng
RT: 5.53 min Scan# 279
Delta R.T. 0.00 min
Lab File: BF090597.D
Acq: 15 Oct 2016 9:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	52.6	78.8
63	34.1	26.0	39.0





#7

Phenol-d6

Concen: 91.14 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090597.D

Acq: 15 Oct 2016 9:50

Instrument :

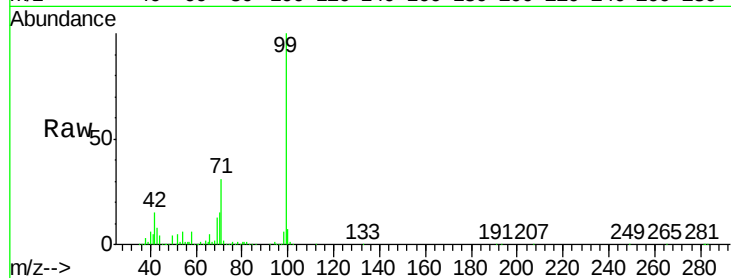
BNA_F

ClientSampleId :

5

Tot Ion: 99 Resp: 1523217

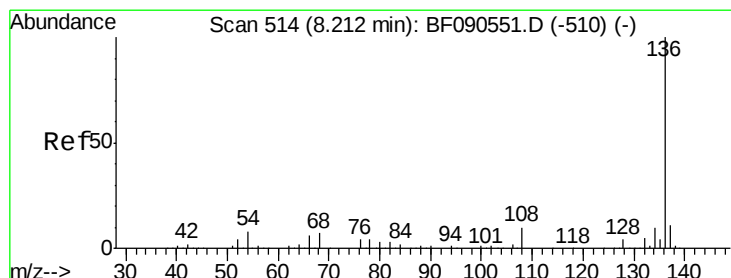
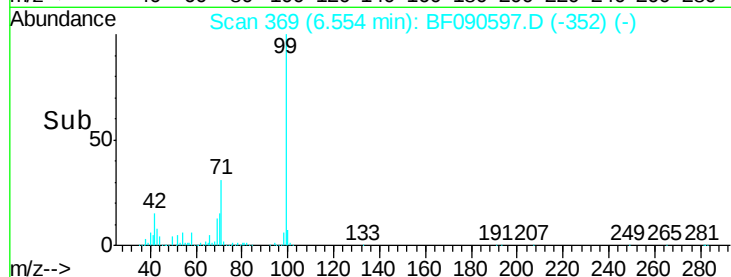
Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.7	22.1
71	31.3	27.6	41.4



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

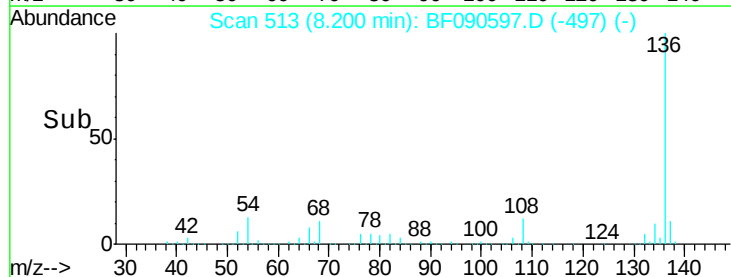
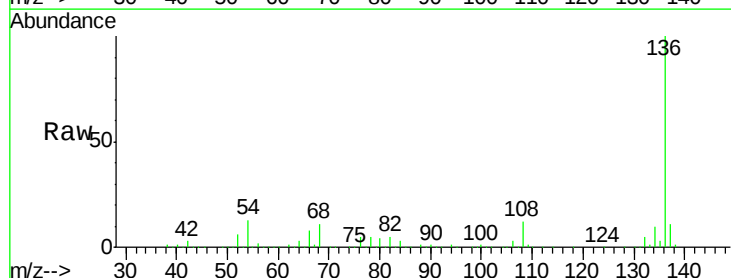
Delta R.T. -0.01 min

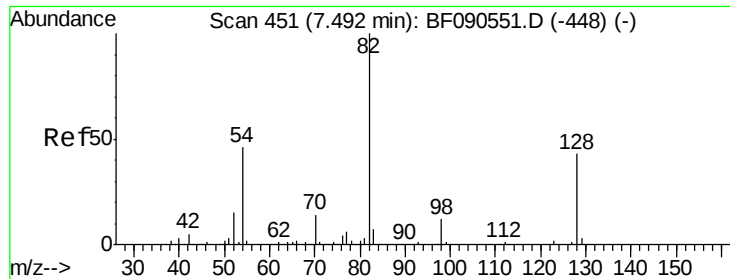
Lab File: BF090597.D

Acq: 15 Oct 2016 9:50

Tgt Ion: 136 Resp: 835147

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	13.0	6.8	10.2#
68	10.6	6.0	9.0#

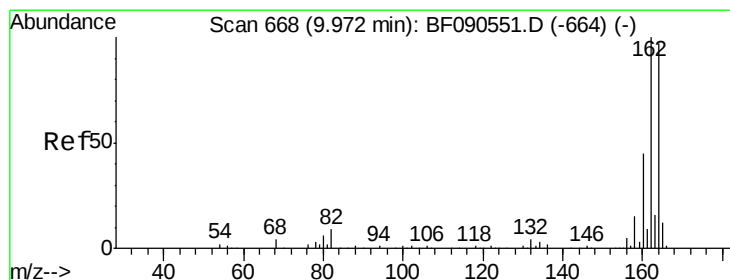
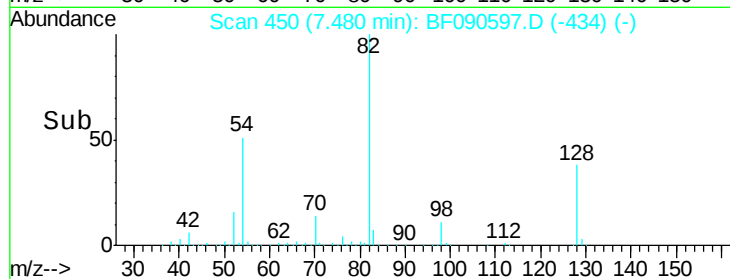
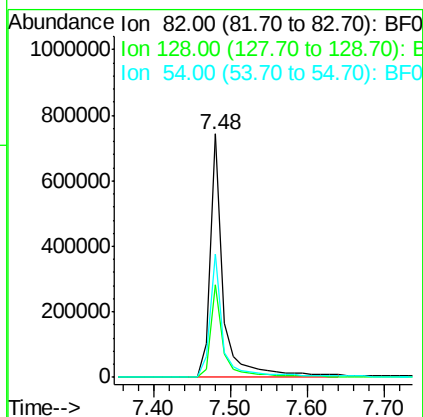
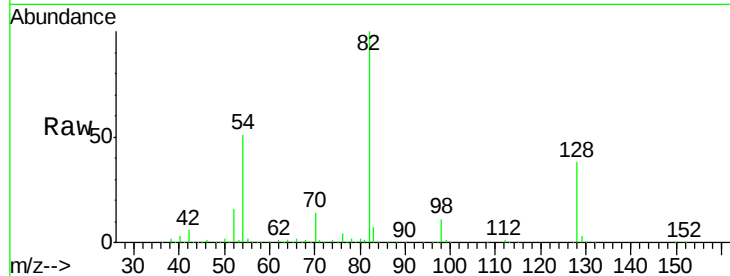




#23
 Nitrobenzene-d5
 Concen: 58.54 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

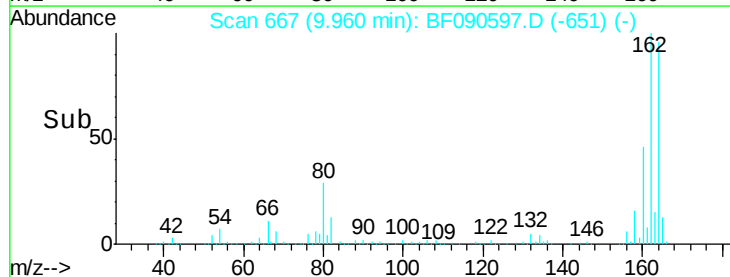
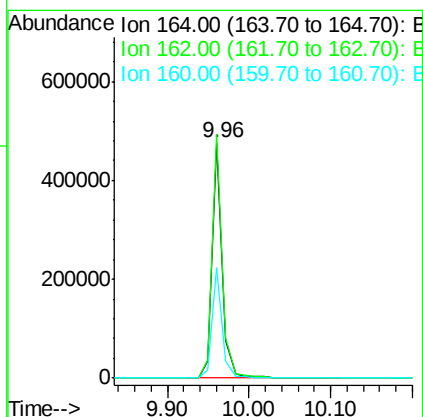
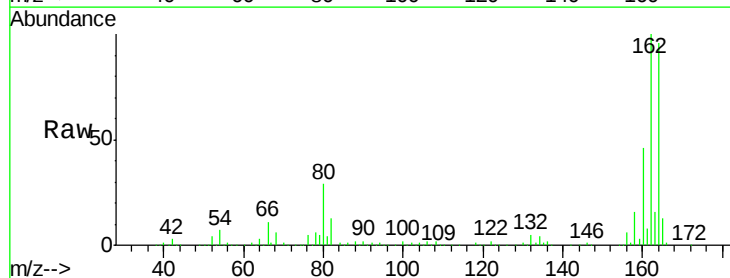
Instrument :
 BNA_F
 ClientSampled :
 5

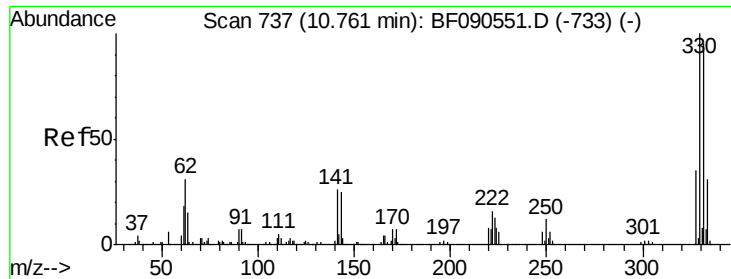
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.3	51.5
54	50.6	37.0	55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.4
160	47.2	36.6	55.0

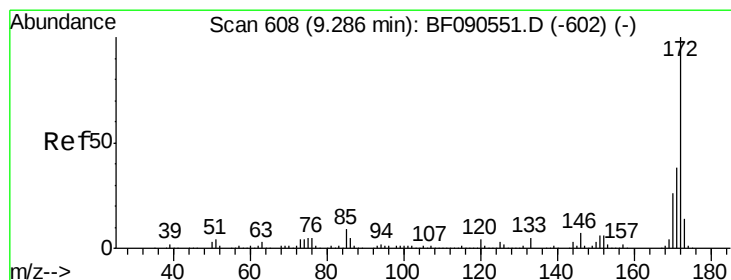
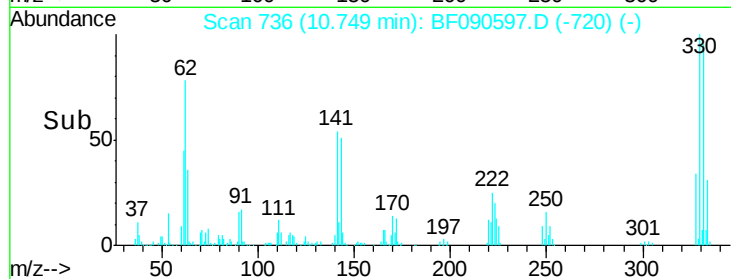
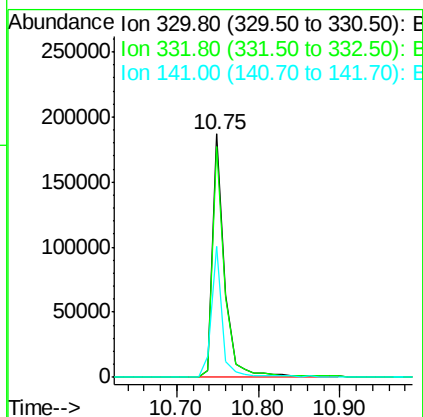
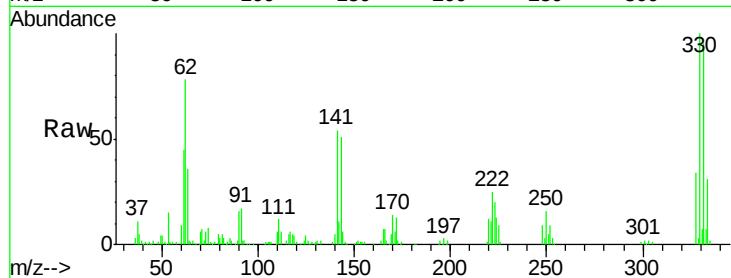




#41
 2,4,6-Tribromophenol
 Concen: 53.19 ng
 RT: 10.75 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

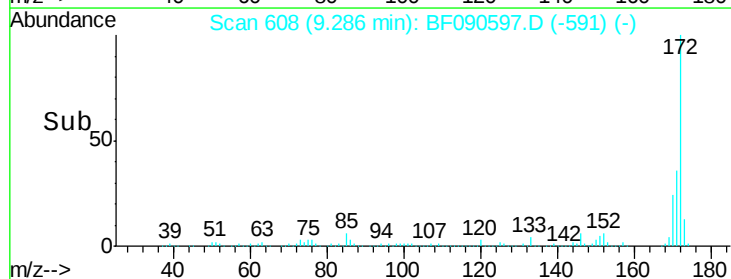
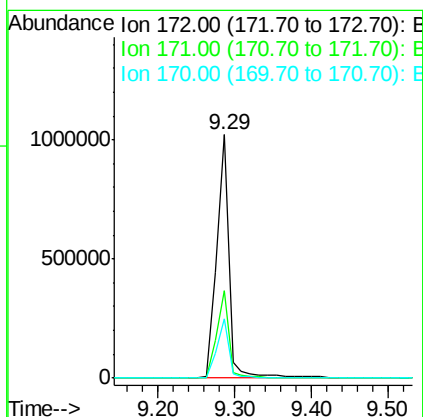
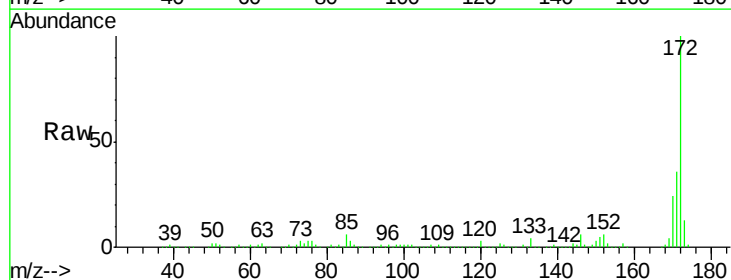
Instrument :
 BNA_F
 ClientSampled :
 5

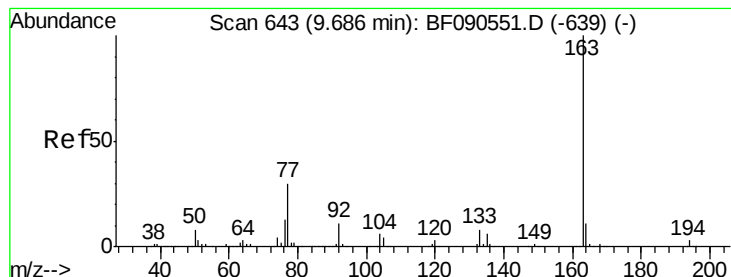
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.2
141	49.8	31.4	47.2#



#44
 2-Fluorobiphenyl
 Concen: 44.63 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090597.D
 Acq: 15 Oct 2016 9:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.1	45.1
170	24.4	20.6	30.8





#49

Dimethylphthalate

Concen: 9.61 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF090597.D

Acq: 15 Oct 2016 9:50

Instrument :

BNA_F

ClientSampleId :

5

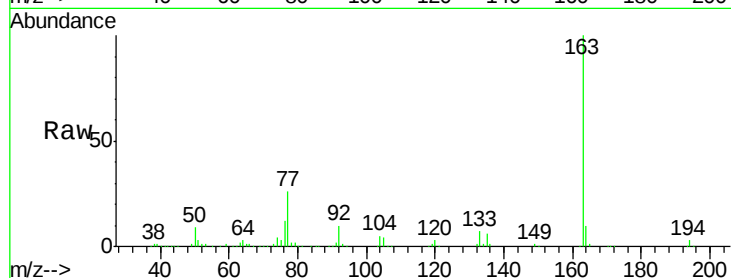
Tot Ion:163 Resp: 261740

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

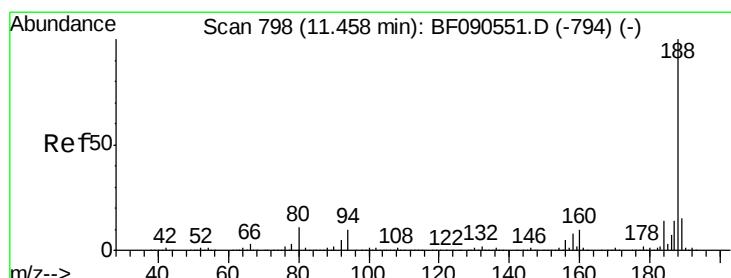
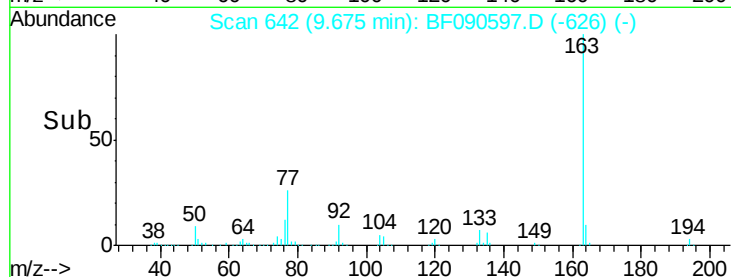
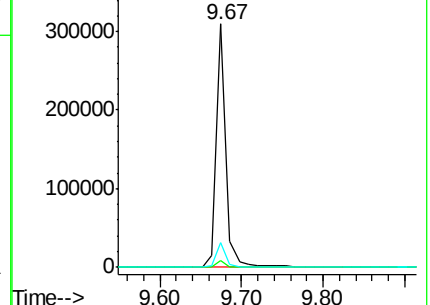
164 10.3 8.6 13.0



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: 11.45 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF090597.D

Acq: 15 Oct 2016 9:50

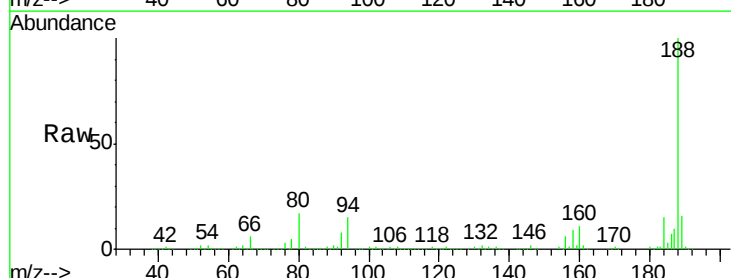
Tgt Ion:188 Resp: 545027

Ion Ratio Lower Upper

188 100

94 14.7 7.7 11.5#

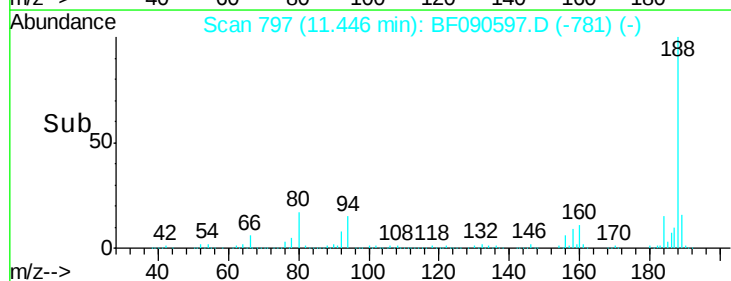
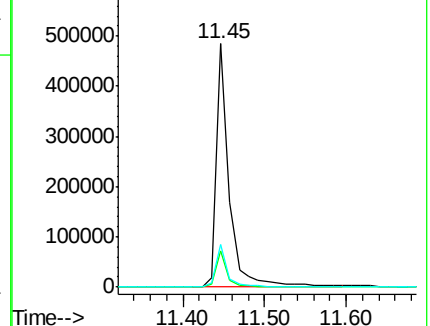
80 17.3 8.6 12.8#

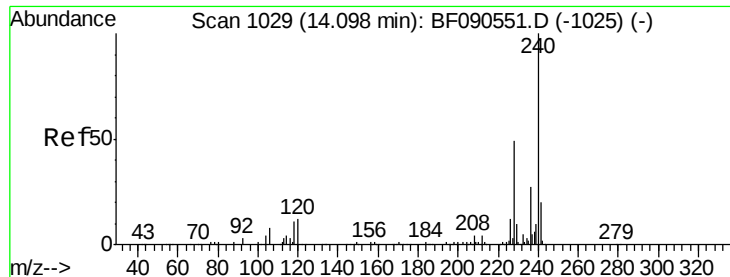


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090597.D

Acq: 15 Oct 2016 9:50

Instrument :

BNA_F

ClientSampleId :

5

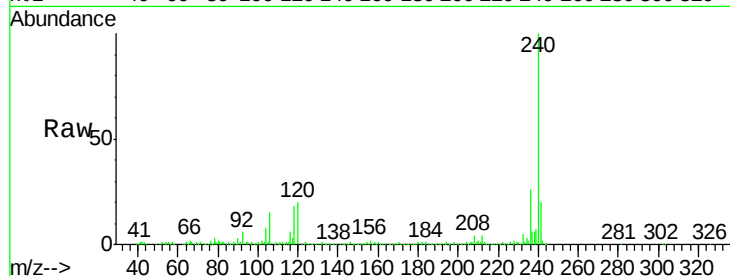
Tot Ion:240 Resp: 377804

Ion Ratio Lower Upper

240 100

120 19.8 9.8 14.8#

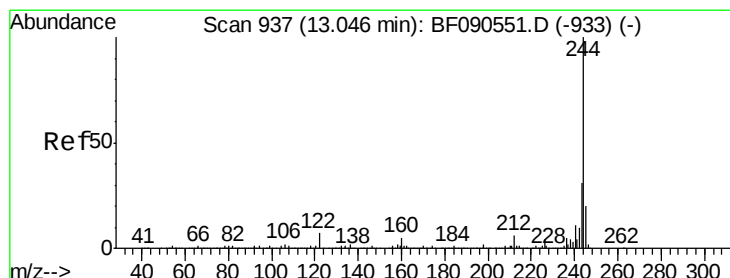
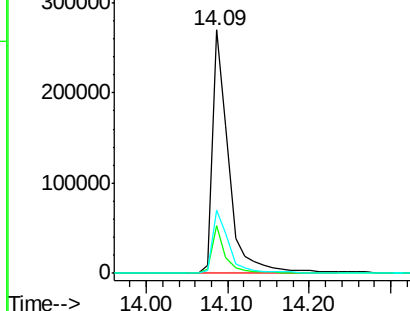
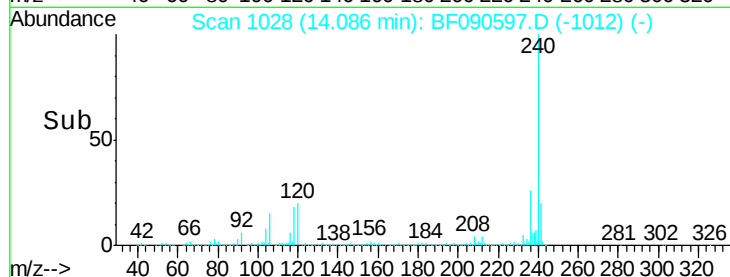
236 26.2 21.7 32.5



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: 46.98 ng

RT: 13.03 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF090597.D

Acq: 15 Oct 2016 9:50

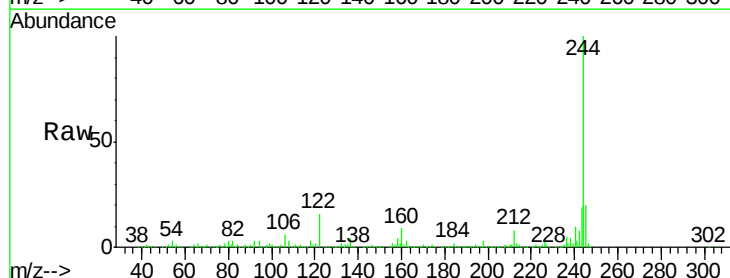
Tgt Ion:244 Resp: 762282

Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

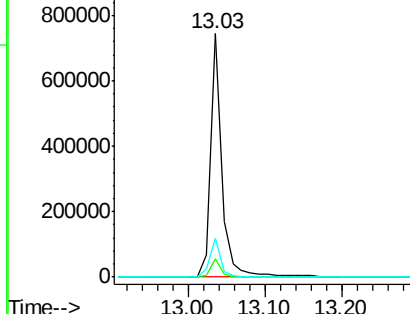
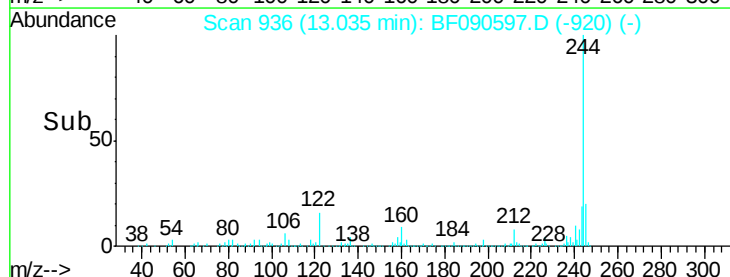
122 15.8 5.6 8.4#

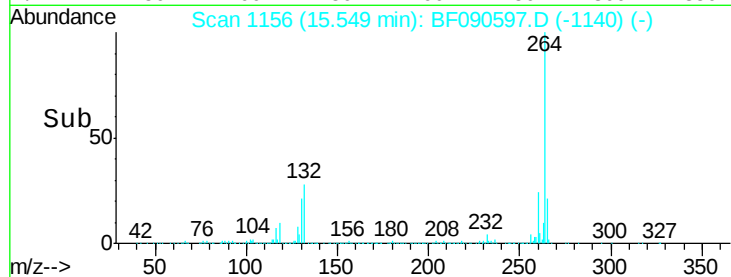
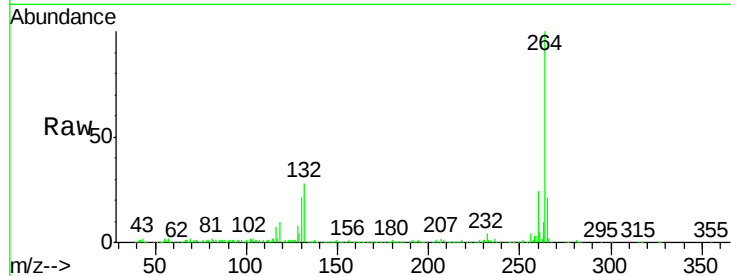
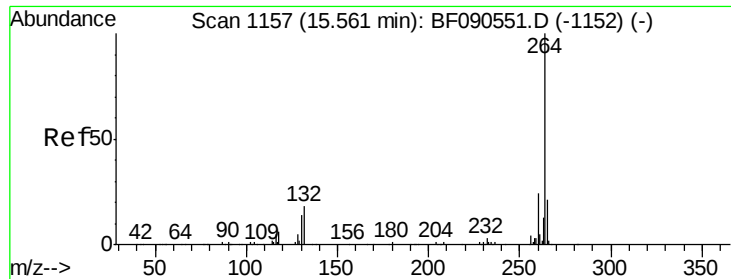


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090597.D
Acq: 15 Oct 2016 9:50

Instrument :
BNA_F
ClientSampleId :
5

Tot Ion:	264	Resp:	344148
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.2	16.7	25.1

