

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090560.D
 Acq On : 14 Oct 2016 10:39
 Operator : UM/SJ
 Sample : PB94017BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Quant Time: Oct 14 13:25:56 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

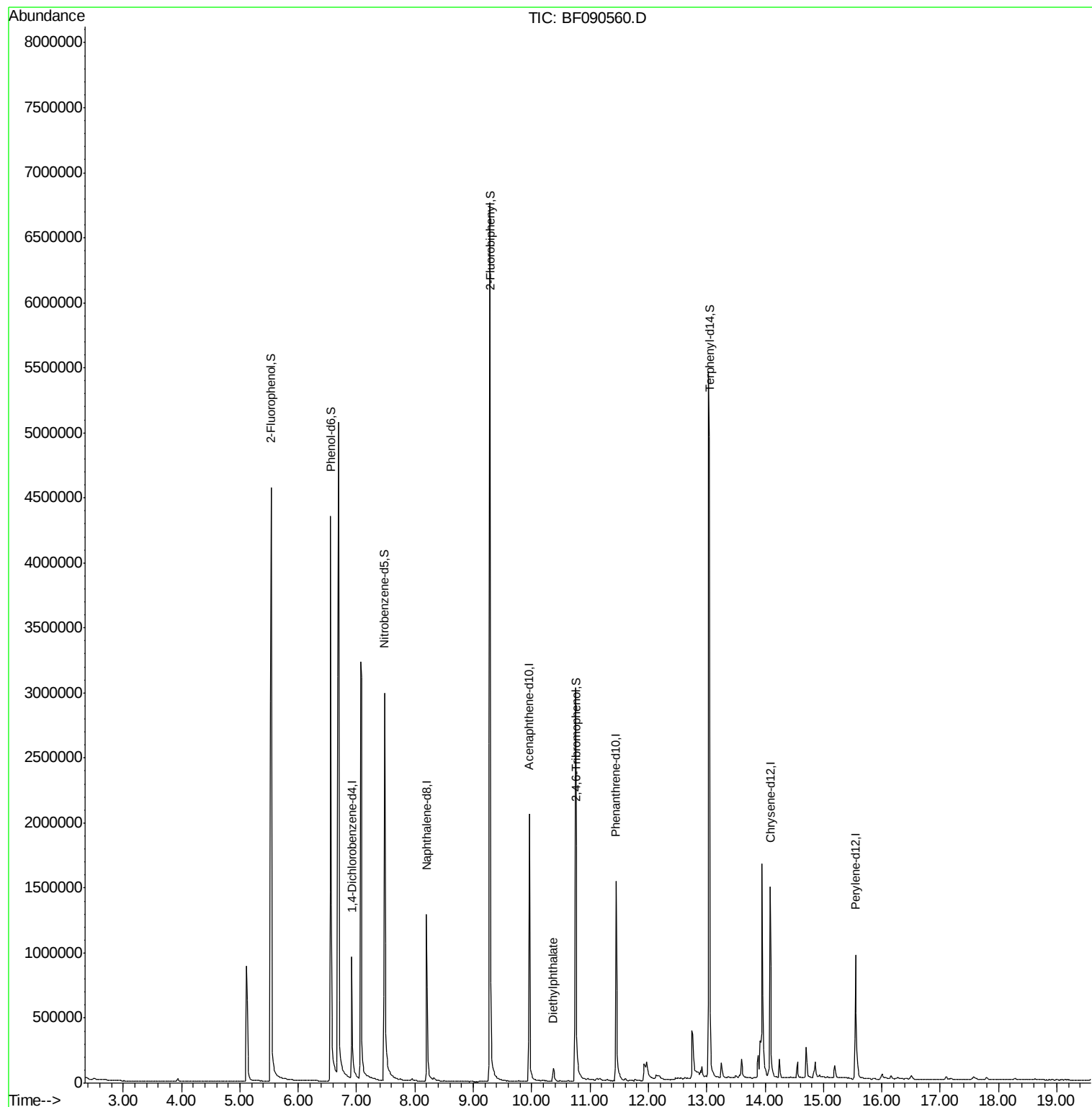
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	193686	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	823055	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	451729	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	732106	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	637492	20.00	ng	-0.01
86) Perylene-d12	15.55	264	503863	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1728515	163.60	ng	0.01
7) Phenol-d6	6.55	99	2171497	138.32	ng	0.00
23) Nitrobenzene-d5	7.48	82	1465924	98.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	497501	123.53	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	2478907	90.42	ng	0.00
78) Terphenyl-d14	13.05	244	2663457	97.28	ng	0.00
Target Compounds						
59) Diethylphthalate	10.37	149	71251	2.40	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: BF090560.D

Acq: 14 Oct 2016 10:39

Instrument :

BNA_F

ClientSampleId :

PB94017BL

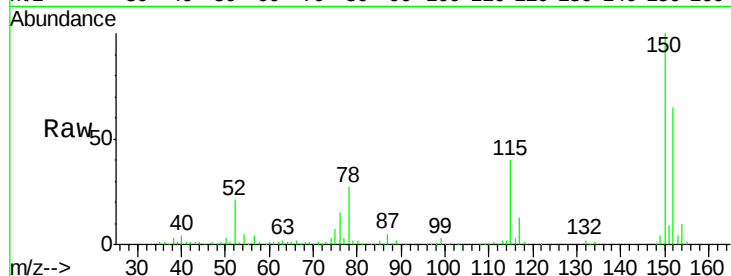
Tot Ion:152 Resp: 193686

Ion Ratio Lower Upper

152 100

150 154.0 127.2 190.8

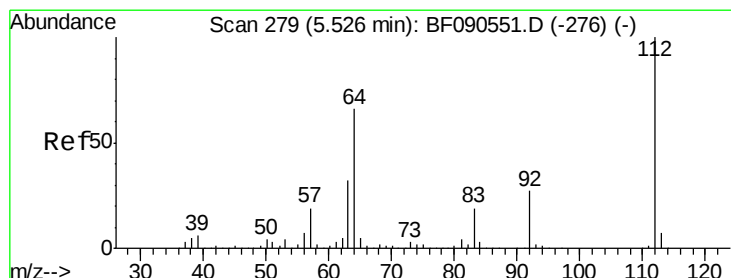
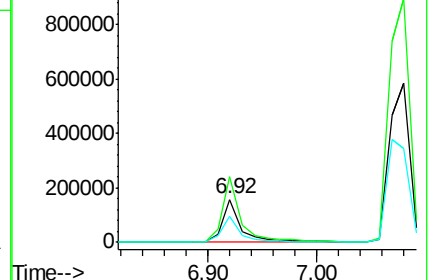
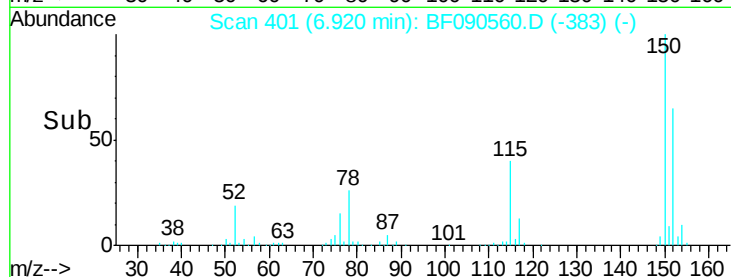
115 61.3 58.6 88.0



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: 163.60 ng

RT: 5.54 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF090560.D

Acq: 14 Oct 2016 10:39

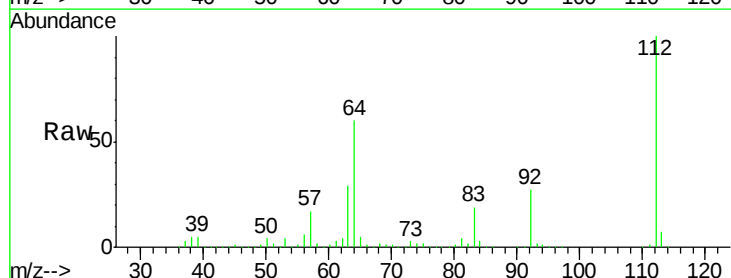
Tgt Ion:112 Resp: 1728515

Ion Ratio Lower Upper

112 100

64 59.6 52.6 78.8

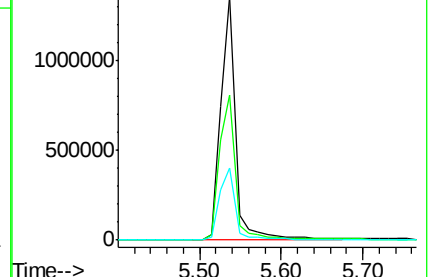
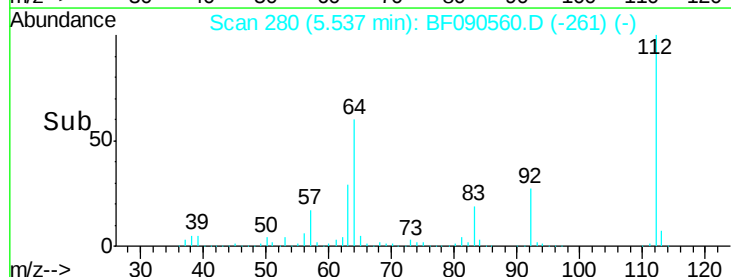
63 29.4 26.0 39.0

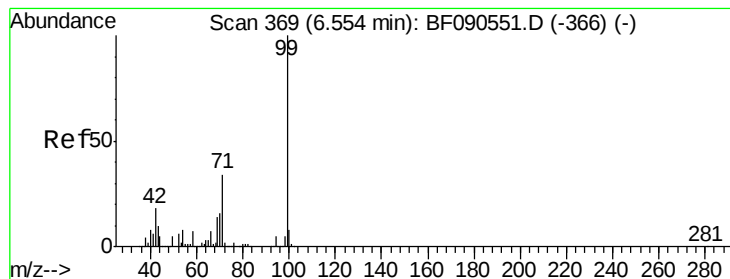


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.32 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF090560.D

Acq: 14 Oct 2016 10:39

Instrument :

BNA_F

ClientSampleId :

PB94017BL

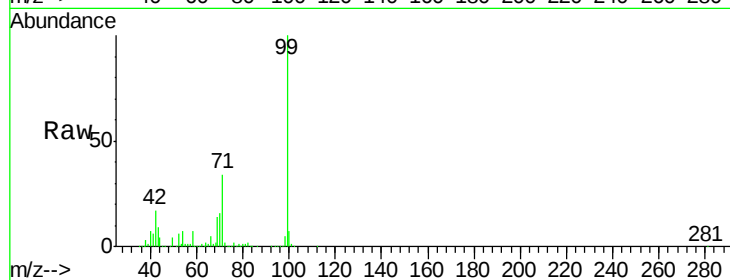
Tot Ion: 99 Resp: 2171497

Ion Ratio Lower Upper

99 100

42 17.4 14.7 22.1

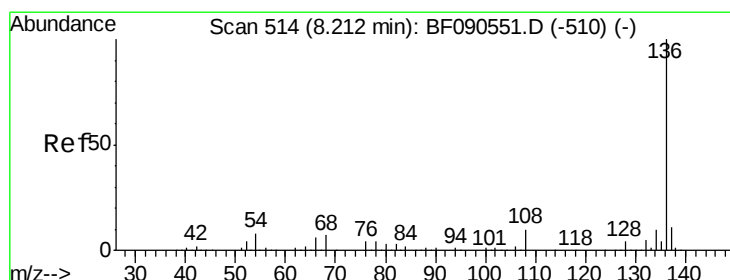
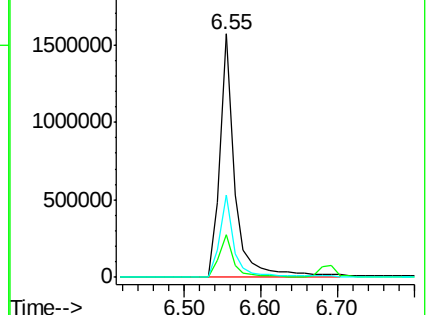
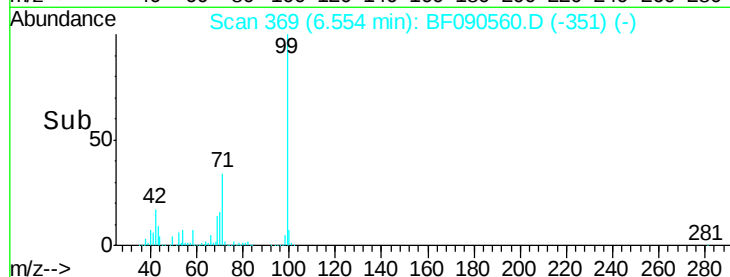
71 34.1 27.6 41.4



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: BF090560.D

Acq: 14 Oct 2016 10:39

Tgt Ion: 136 Resp: 823055

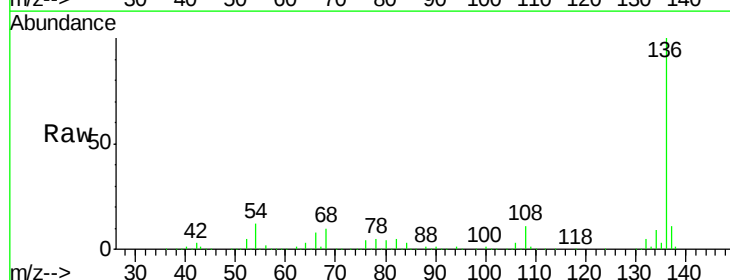
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.0 6.8 10.2#

68 9.6 6.0 9.0#

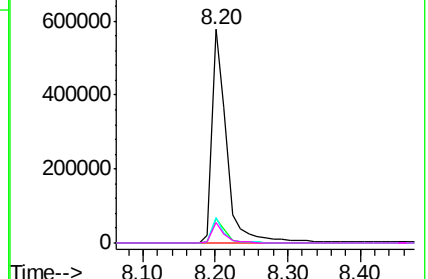
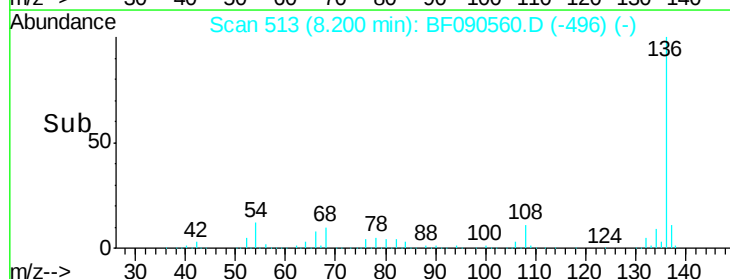


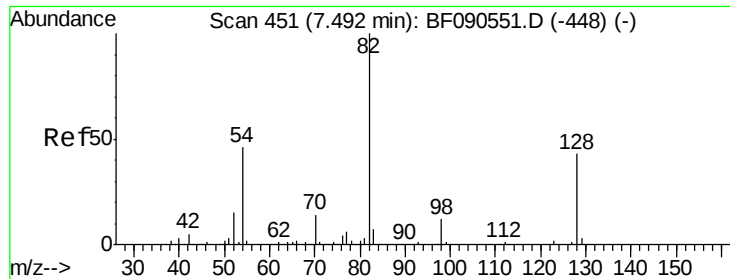
Abundance Ion 136.00 (135.70 to 136.70): E

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



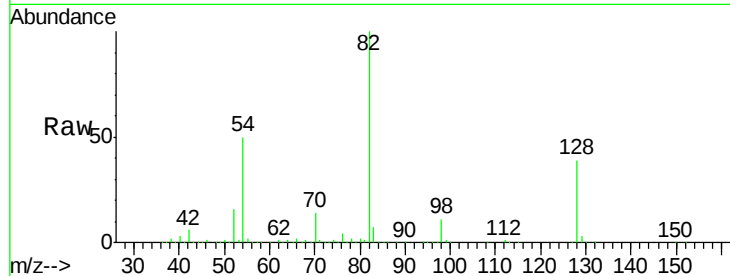


#23
 Nitrobenzene-d5
 Concen: 98.94 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090560.D
 Acq: 14 Oct 2016 10:39

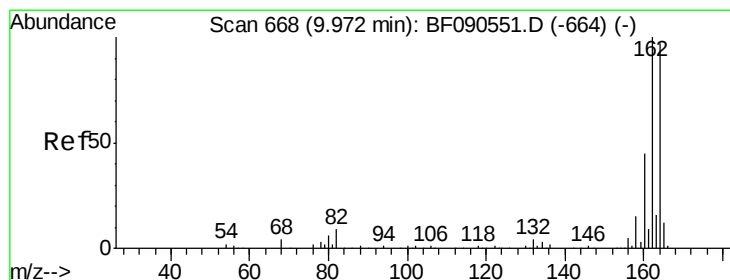
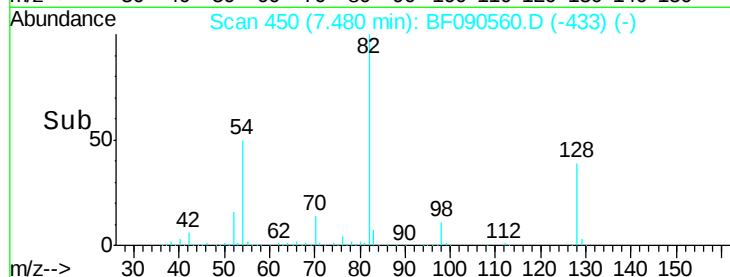
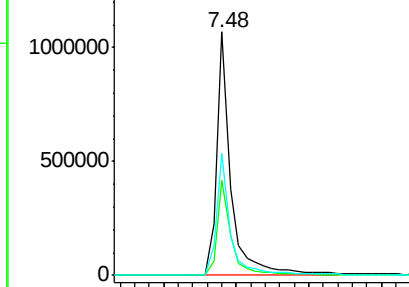
Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Tot Ion: 82 Resp: 1465924

Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.3	51.5
54	50.1	37.0	55.6



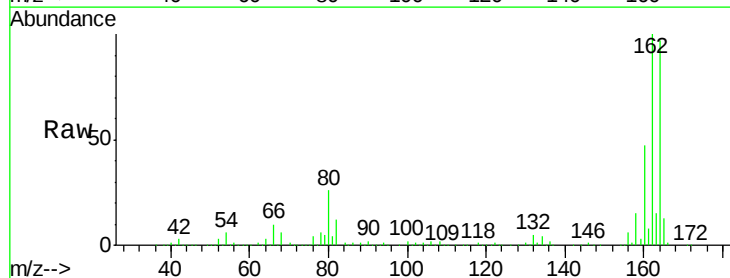
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



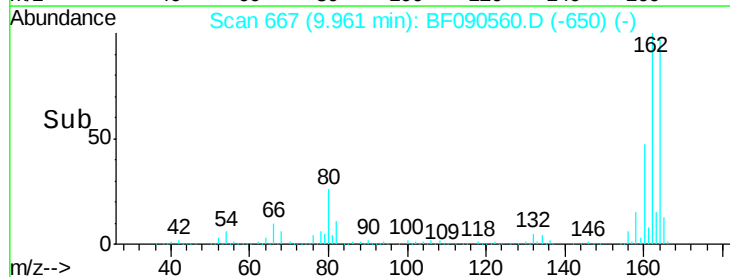
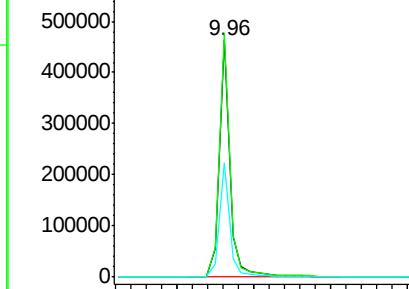
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090560.D
 Acq: 14 Oct 2016 10:39

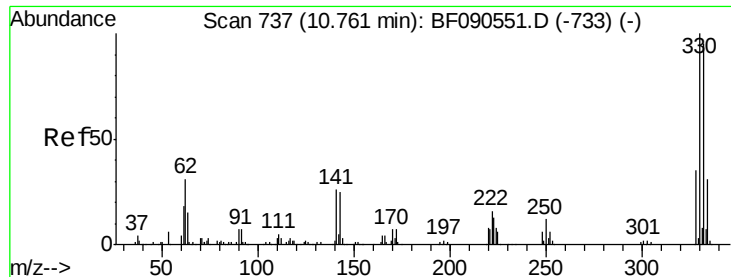
Tgt Ion: 164 Resp: 451729

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	48.1	36.6	55.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

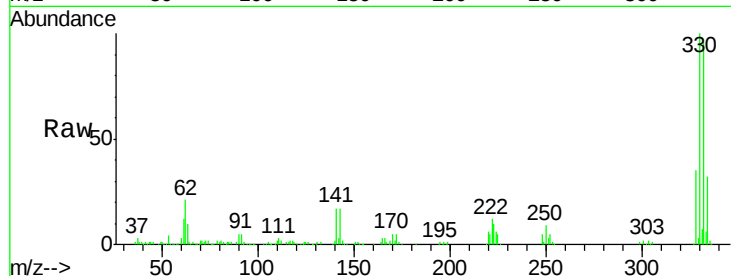




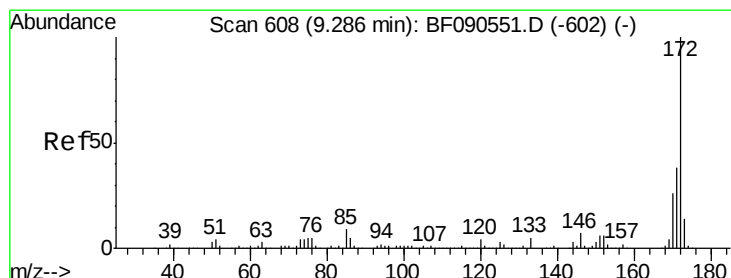
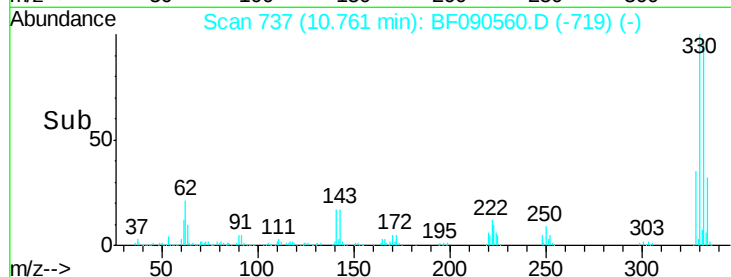
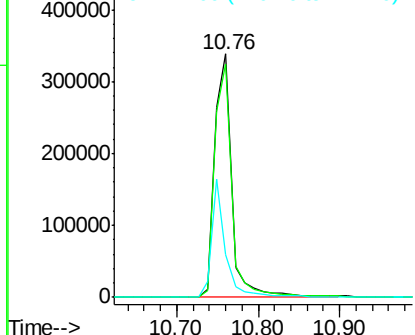
#41
 2,4,6-Tribromophenol
 Concen: 123.53 ng
 RT: 10.76 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF090560.D
 Acq: 14 Oct 2016 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.2
141	40.0	31.4	47.2

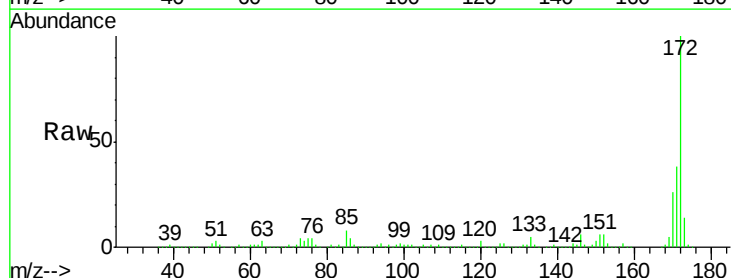


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

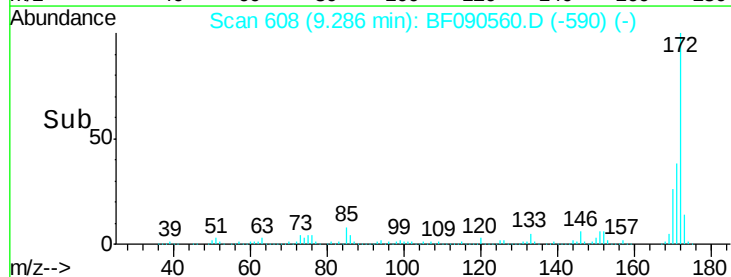
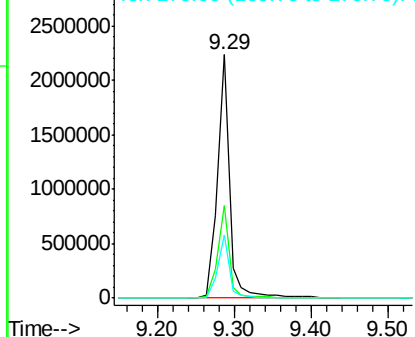


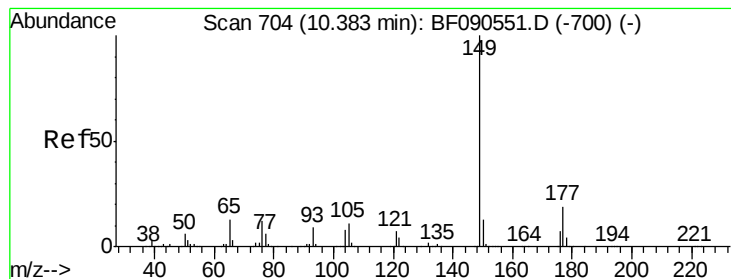
#44
 2-Fluorobiphenyl
 Concen: 90.42 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090560.D
 Acq: 14 Oct 2016 10:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.1	45.1
170	26.0	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





#59

Diethylphthalate

Concen: 2.40 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF090560.D

Acq: 14 Oct 2016 10:39

Instrument :

BNA_F

ClientSampleID :

PB94017BL

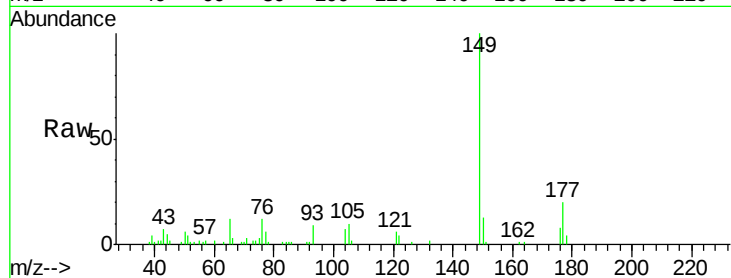
Tot Ion:149 Resp: 71251

Ion Ratio Lower Upper

149 100

177 20.1 15.3 22.9

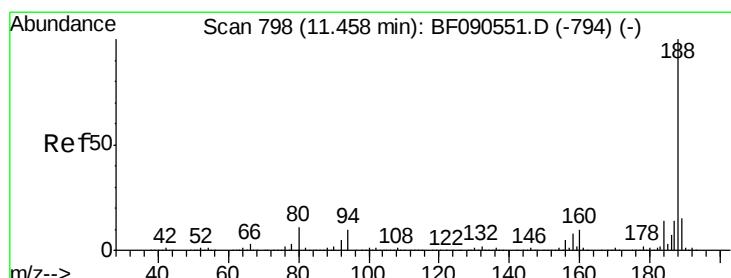
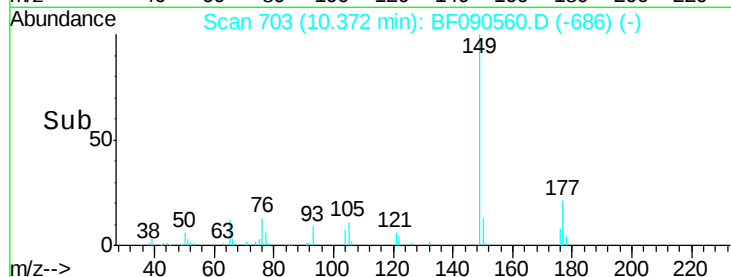
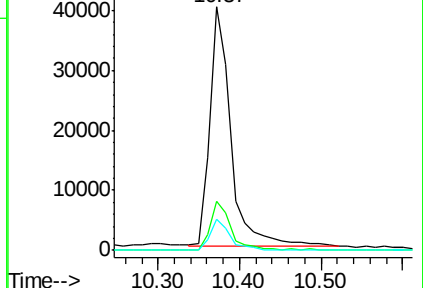
150 12.9 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF090560.D

Acq: 14 Oct 2016 10:39

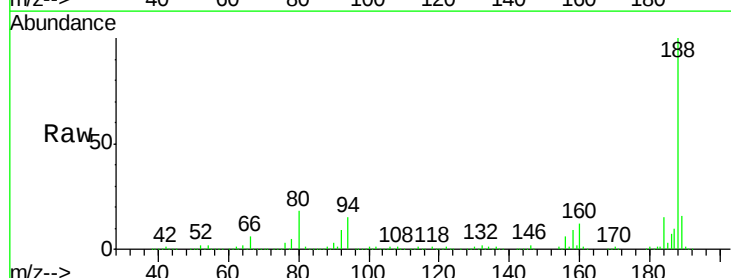
Tgt Ion:188 Resp: 732106

Ion Ratio Lower Upper

188 100

94 14.8 7.7 11.5#

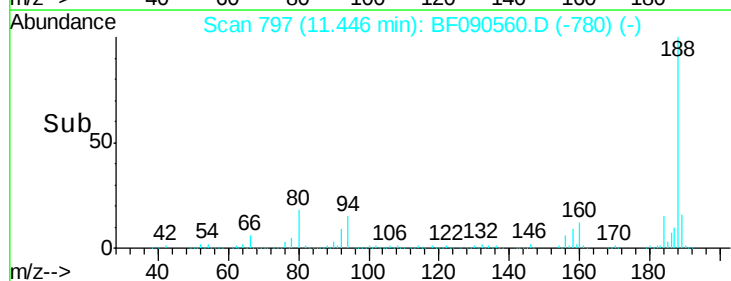
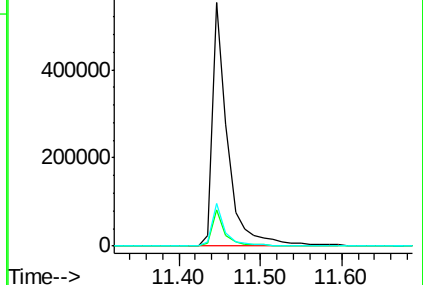
80 17.6 8.6 12.8#

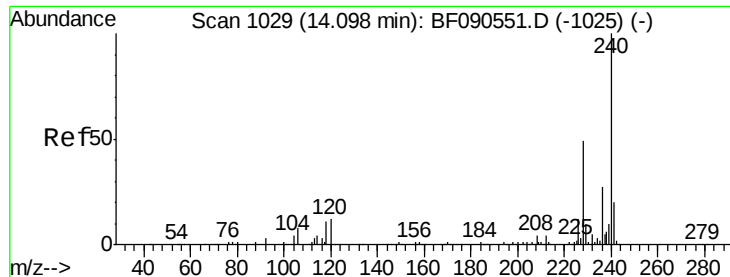


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090560.D

Acq: 14 Oct 2016 10:39

Instrument :

BNA_F

ClientSampleId :

PB94017BL

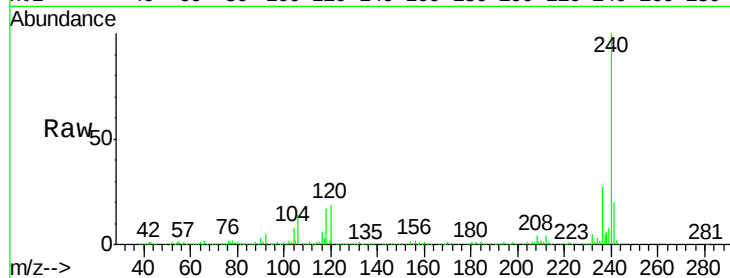
Tot Ion:240 Resp: 637492

Ion Ratio Lower Upper

240 100

120 18.9 9.8 14.8#

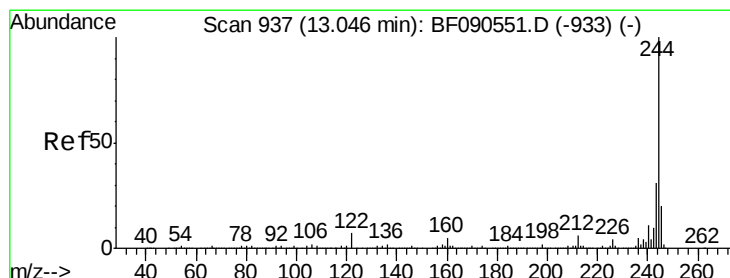
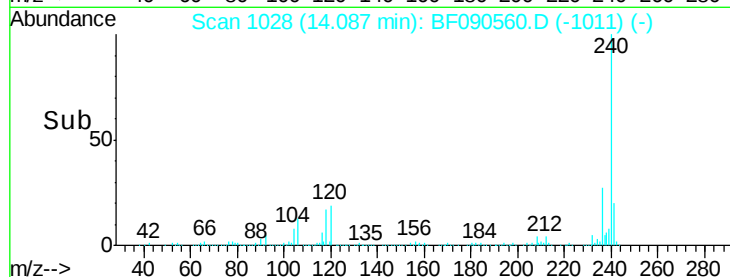
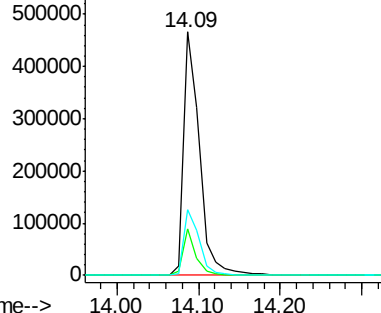
236 27.1 21.7 32.5



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: 97.28 ng

RT: 13.05 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF090560.D

Acq: 14 Oct 2016 10:39

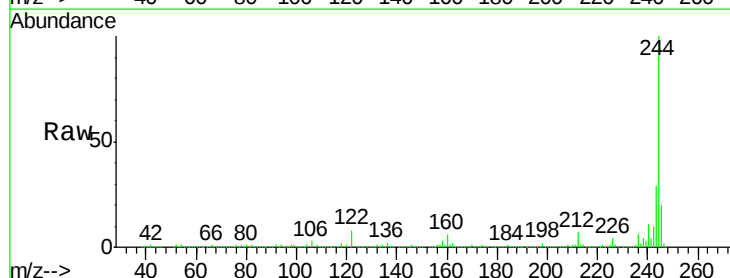
Tgt Ion:244 Resp: 2663457

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

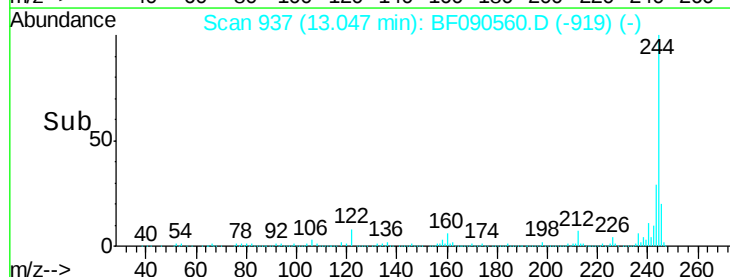
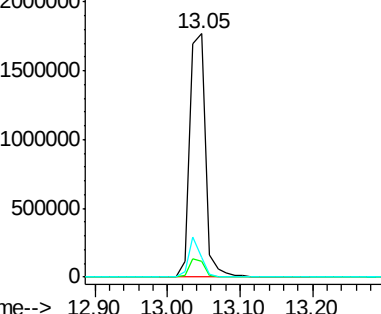
122 8.0 5.6 8.4

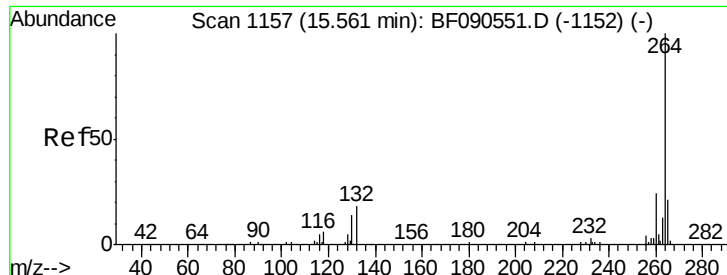


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF090560.D
 Acq: 14 Oct 2016 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB94017BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.9	16.7	25.1

