

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090693.D
 Acq On : 20 Oct 2016 20:15
 Operator : UM/SJ
 Sample : H5343-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB03-14.0-14.5

Quant Time: Oct 21 09:27:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

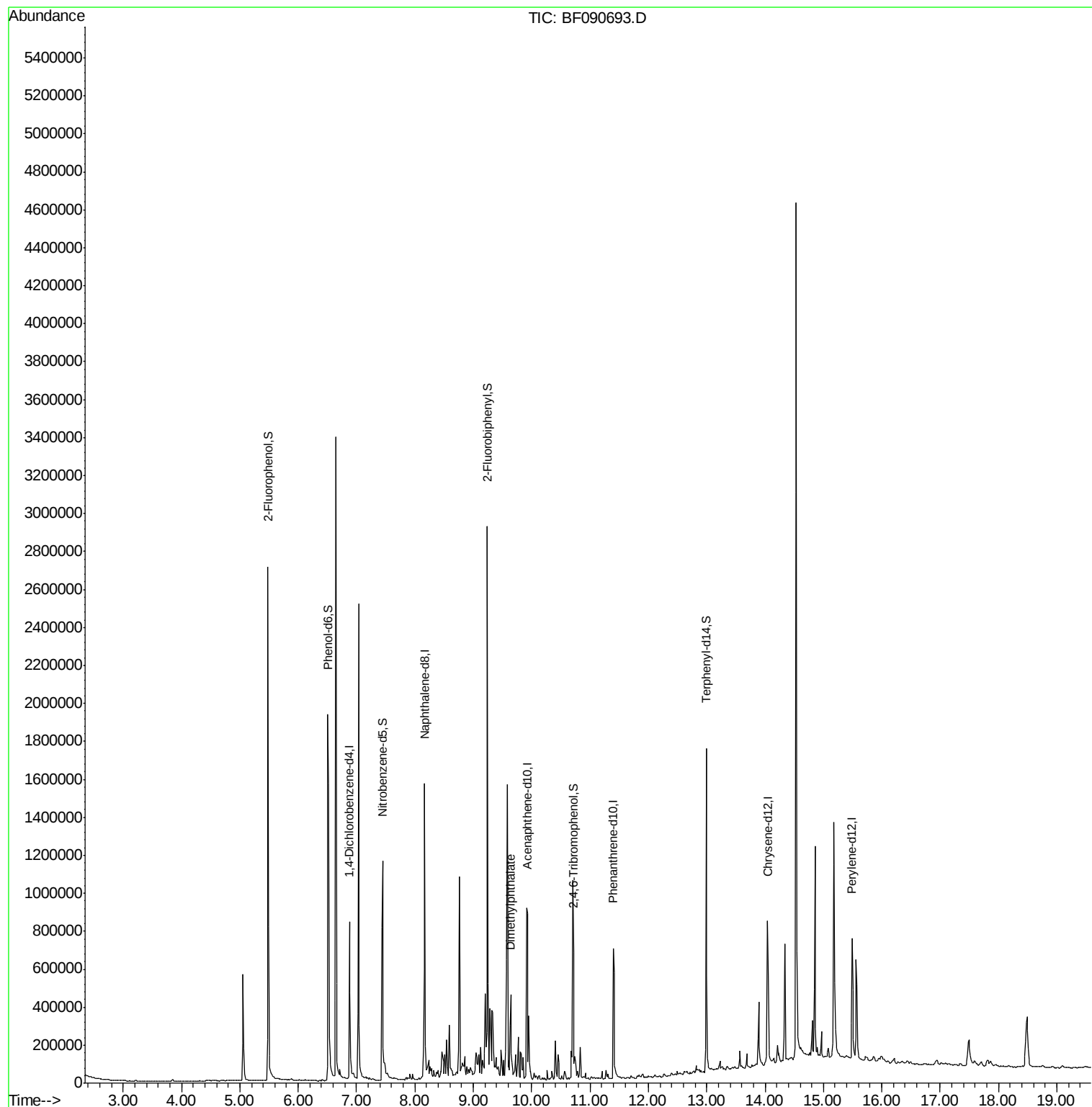
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157785	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	687404	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	283776	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	359594	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	316758	20.00	ng	-0.05
86) Perylene-d12	15.49	264	262784	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	773322	89.85	ng	-0.03
7) Phenol-d6	6.51	99	1030510	80.58	ng	-0.03
23) Nitrobenzene-d5	7.45	82	627862	50.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	137360	54.29	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	818283	47.51	ng	-0.03
78) Terphenyl-d14	12.99	244	516555	37.97	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.64	163	203540	11.05	ng	Qvalue 97

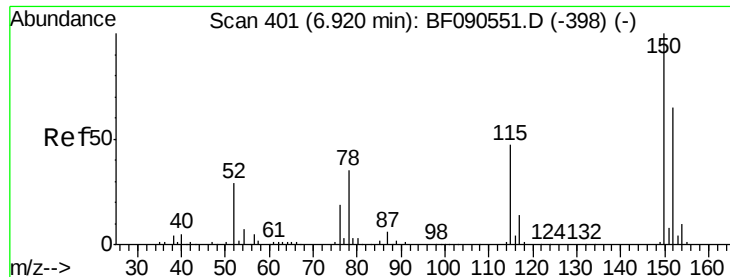
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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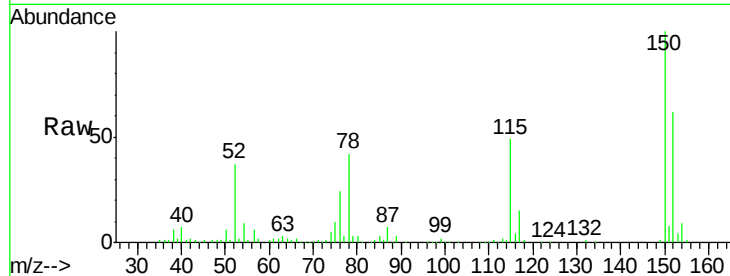


#1

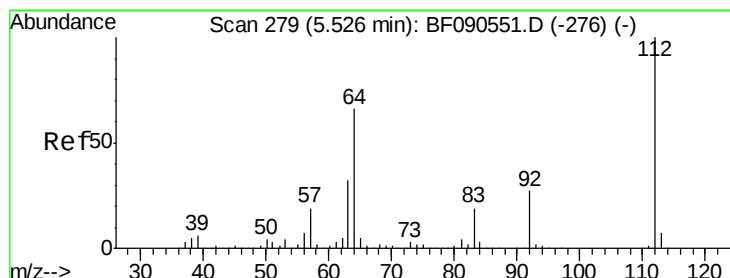
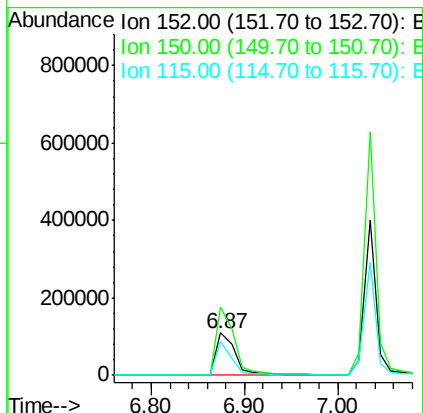
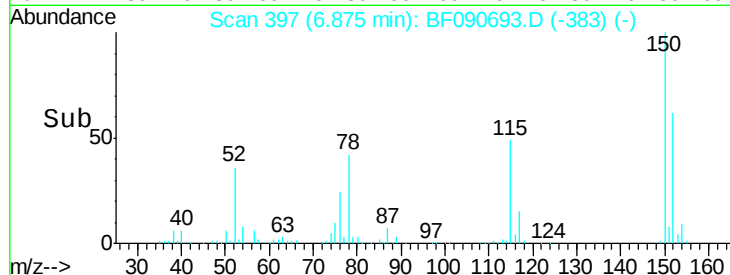
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

Tot Ion:152 Resp: 157785
Ion Ratio Lower Upper
152 100
150 161.1 127.2 190.8
115 78.6 58.6 88.0



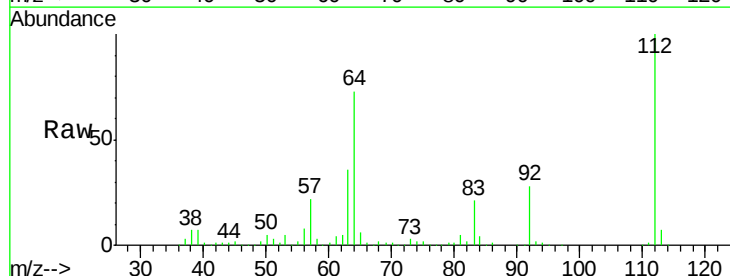
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



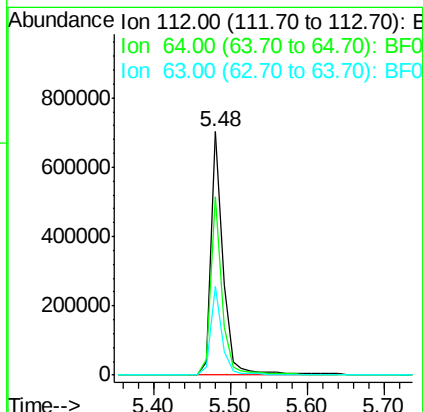
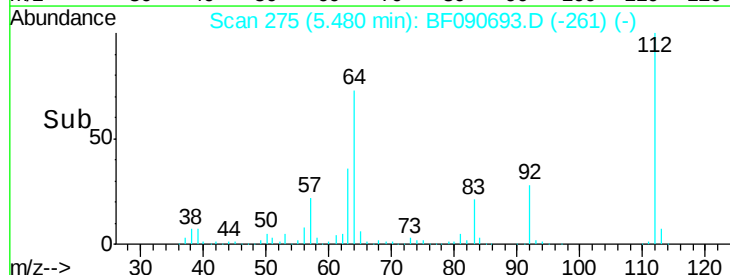
#5

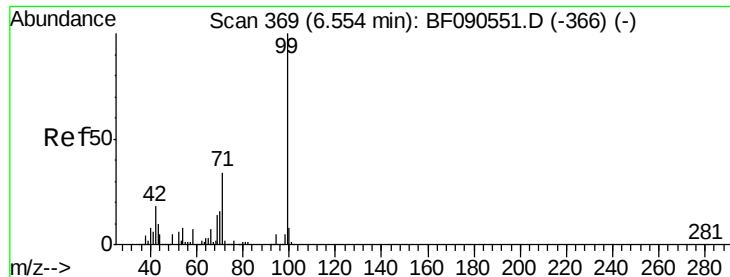
2-Fluorophenol
Concen: 89.85 ng
RT: 5.48 min Scan# 275
Delta R.T. -0.03 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

Tgt Ion:112 Resp: 773322
Ion Ratio Lower Upper
112 100
64 73.3 52.6 78.8
63 36.3 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: 80.58 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

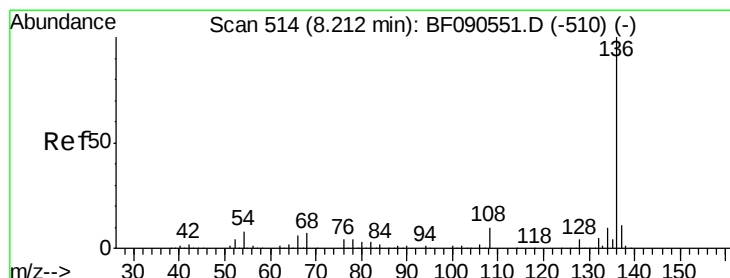
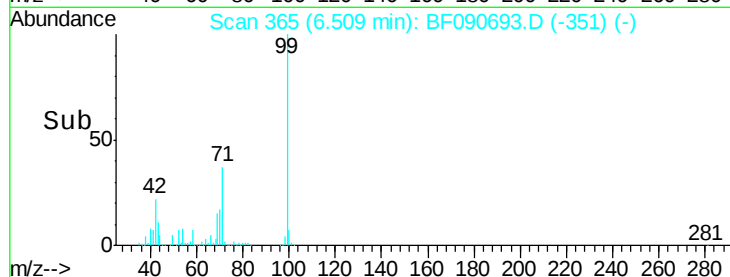
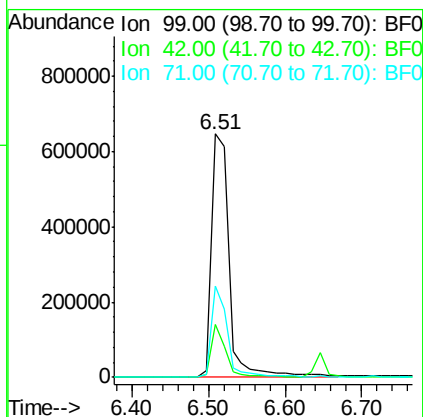
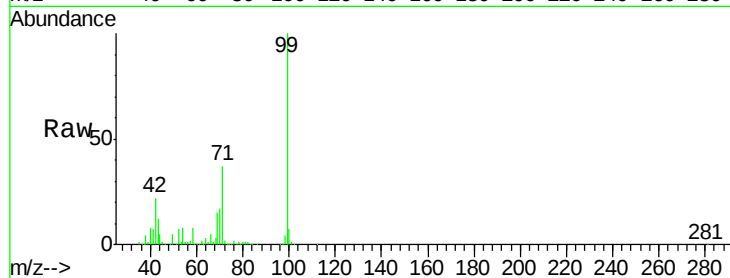
Tot Ion: 99 Resp: 1030510

Ion Ratio Lower Upper

99 100

42 21.6 14.7 22.1

71 37.4 27.6 41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

Tgt Ion: 136 Resp: 687404

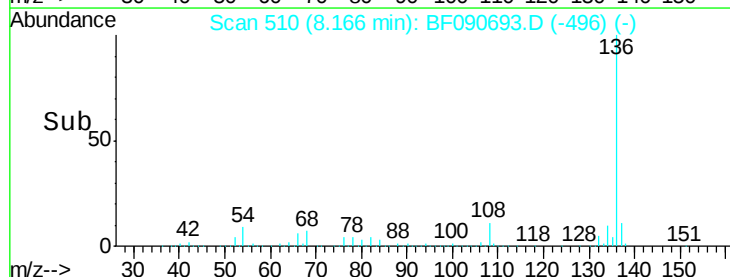
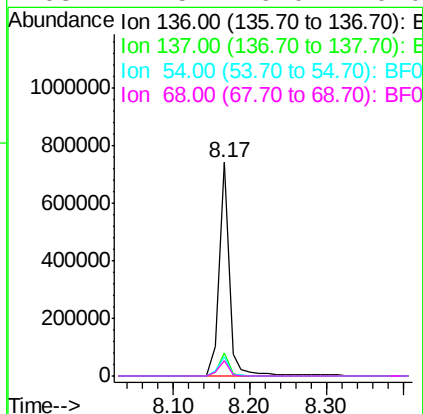
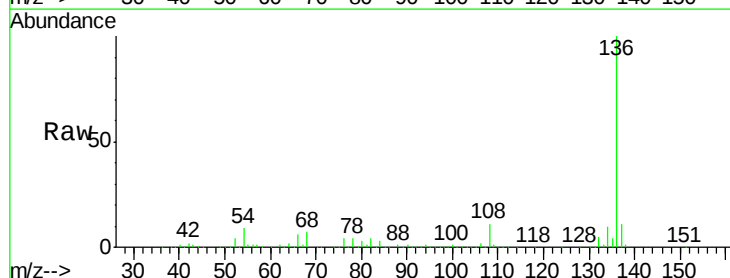
Ion Ratio Lower Upper

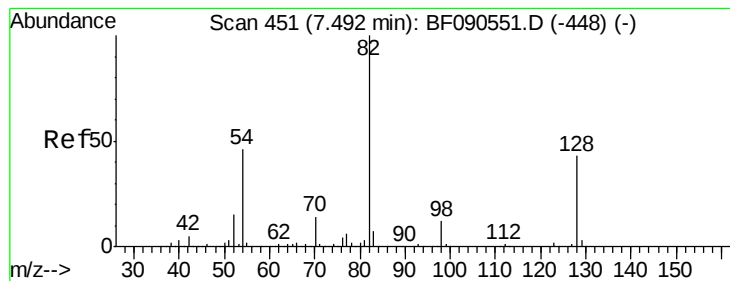
136 100

137 10.9 8.8 13.2

54 9.1 6.8 10.2

68 7.5 6.0 9.0





#23

Nitrobenzene-d5

Concen: 50.74 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

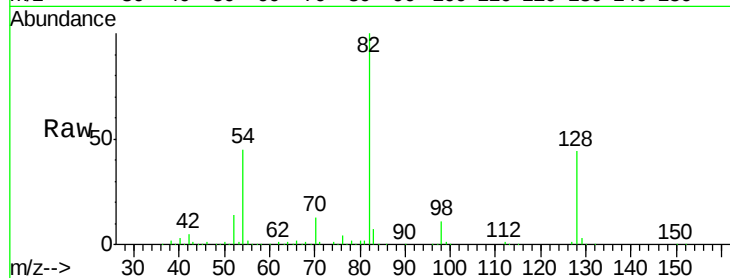
Tot Ion: 82 Resp: 627862

Ion Ratio Lower Upper

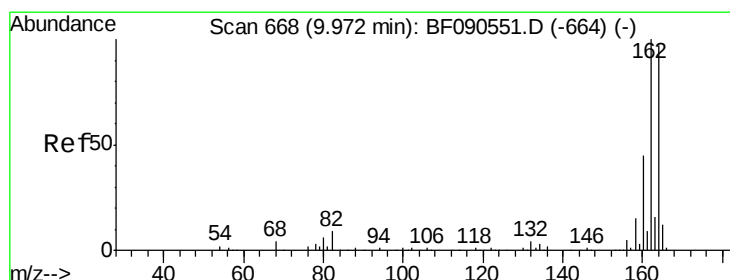
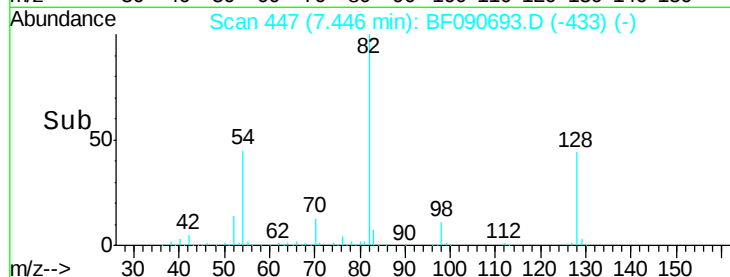
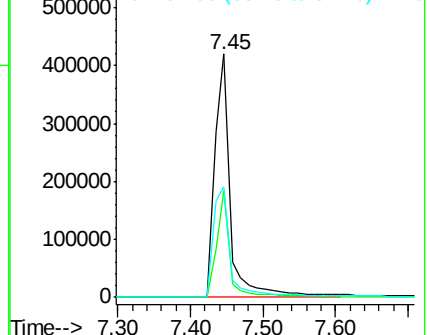
82 100

128 44.0 34.3 51.5

54 45.5 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: 9.93 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

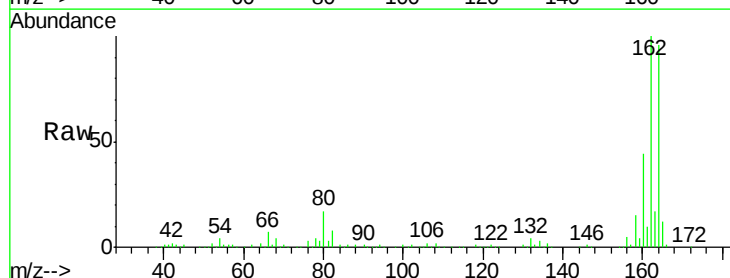
Tgt Ion:164 Resp: 283776

Ion Ratio Lower Upper

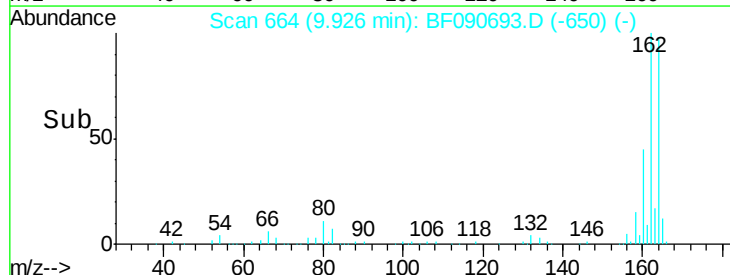
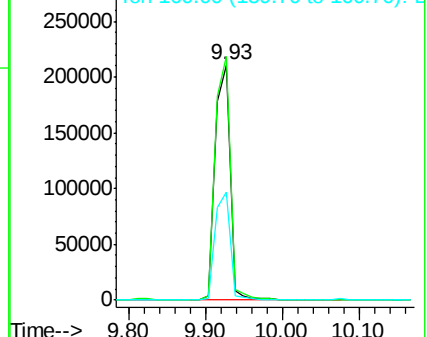
164 100

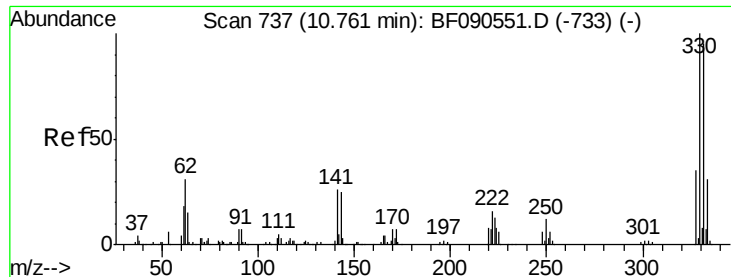
162 103.8 82.2 123.4

160 46.1 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

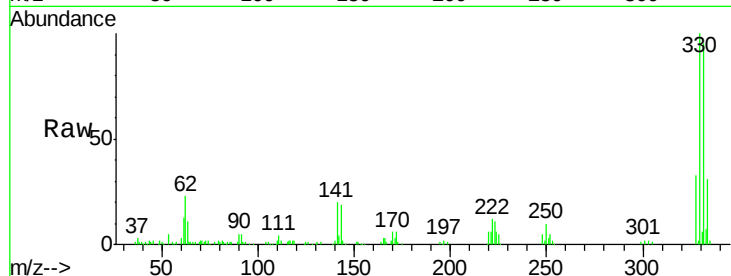




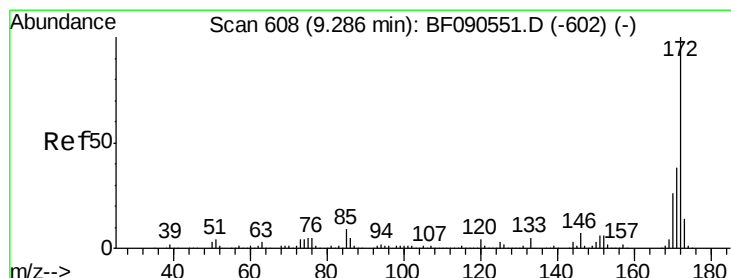
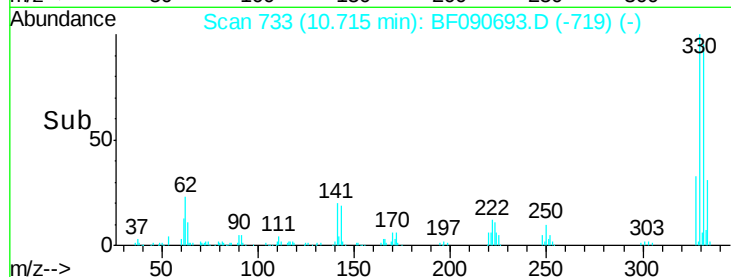
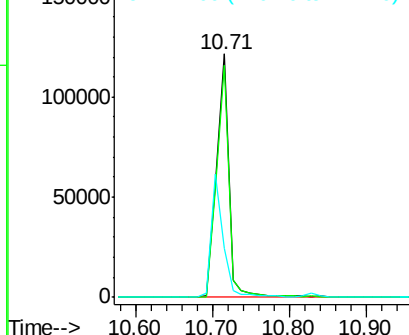
#41
 2,4,6-Tribromophenol
 Concen: 54.29 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF090693.D
 Acq: 20 Oct 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB03-14.0-14.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.2
141	48.4	31.4	47.2#

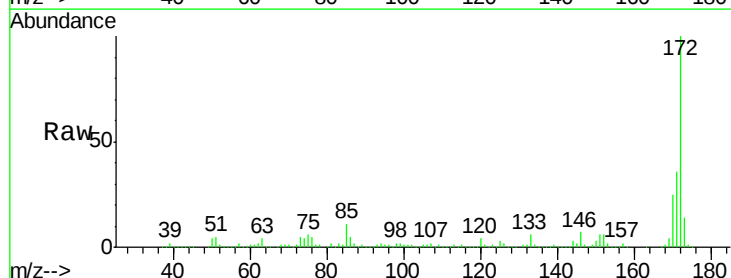


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

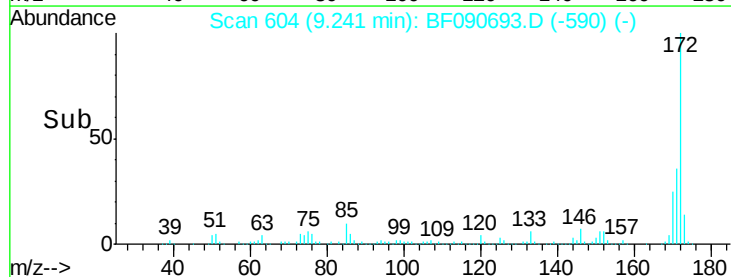
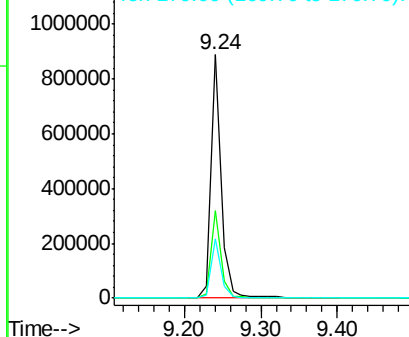


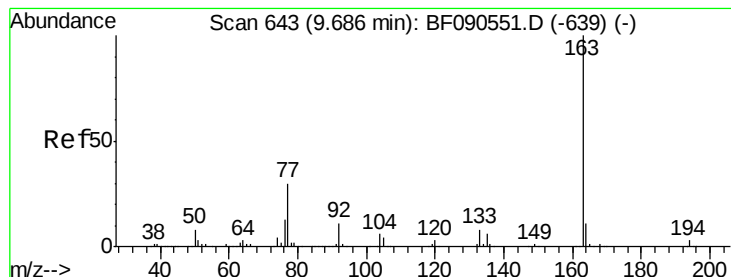
#44
 2-Fluorobiphenyl
 Concen: 47.51 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF090693.D
 Acq: 20 Oct 2016 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.1	45.1
170	24.5	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: 11.05 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

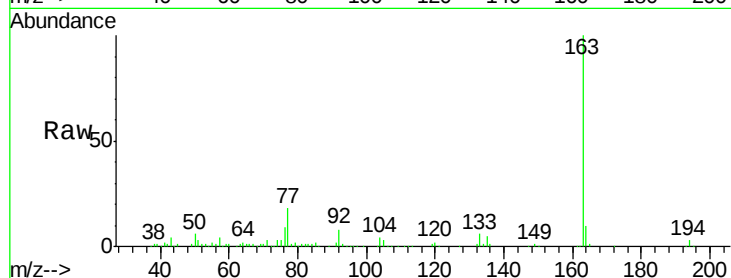
Tot Ion:163 Resp: 203540

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

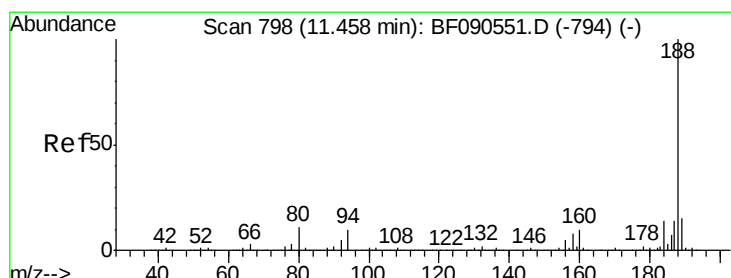
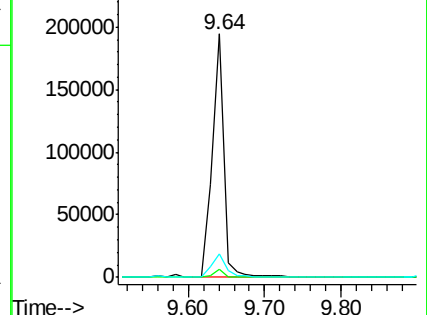
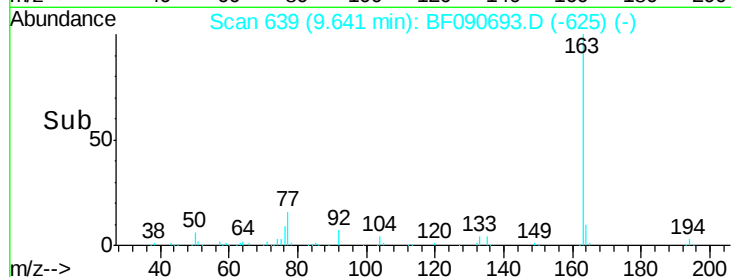
164 9.7 8.6 13.0



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: 11.40 min Scan# 793

Delta R.T. -0.05 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

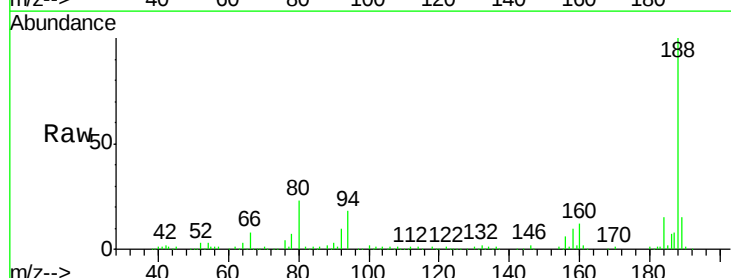
Tgt Ion:188 Resp: 359594

Ion Ratio Lower Upper

188 100

94 18.1 7.7 11.5#

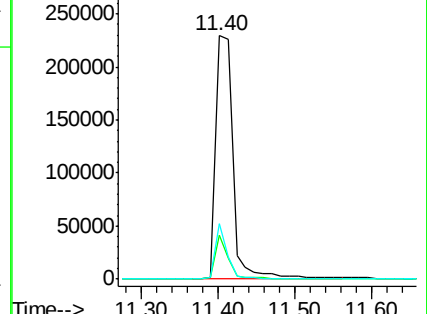
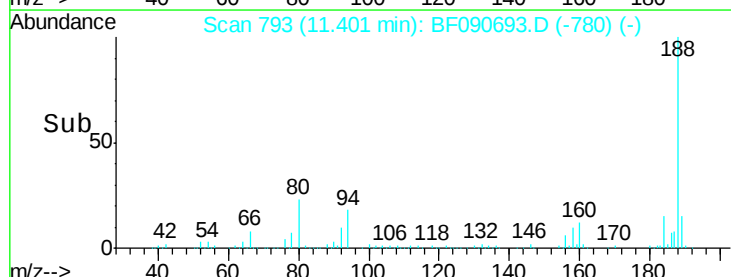
80 22.8 8.6 12.8#

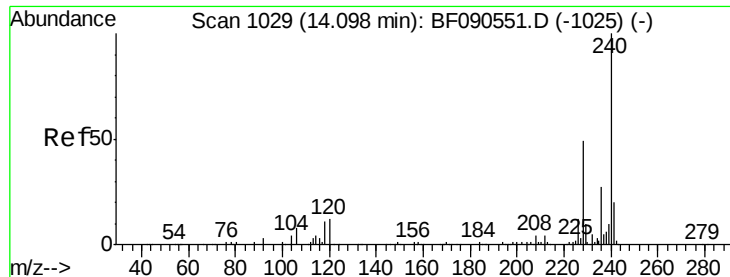


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

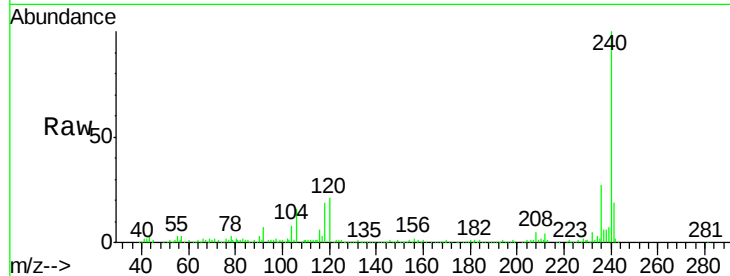
Tot Ion:240 Resp: 316758

Ion Ratio Lower Upper

240 100

120 20.6 9.8 14.8#

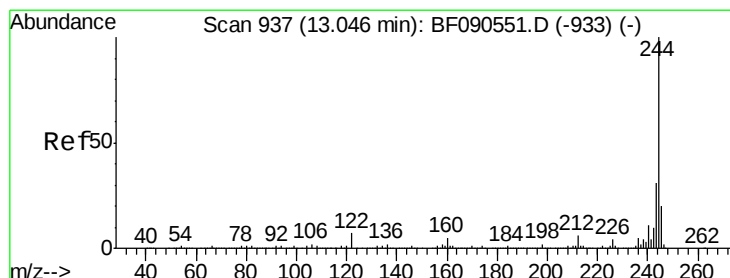
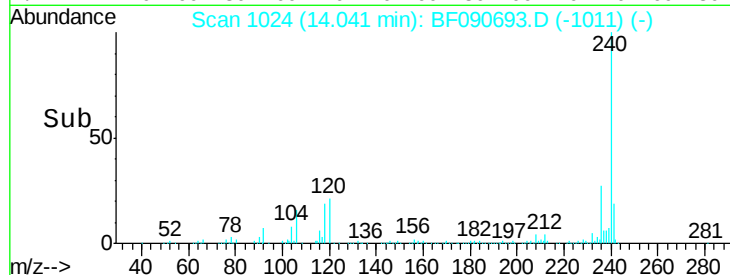
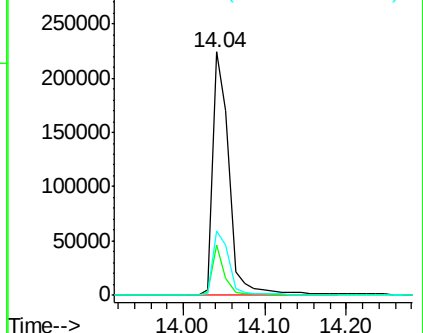
236 26.6 21.7 32.5



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: 37.97 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

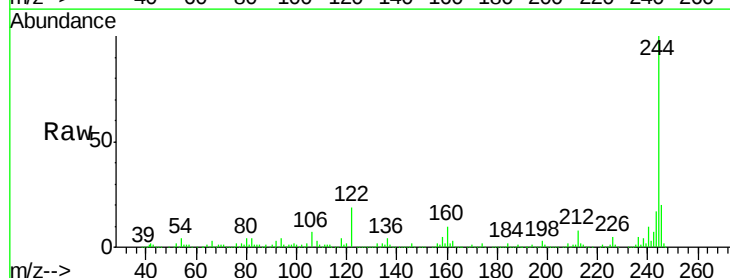
Tgt Ion:244 Resp: 516555

Ion Ratio Lower Upper

244 100

212 8.1 5.0 7.4#

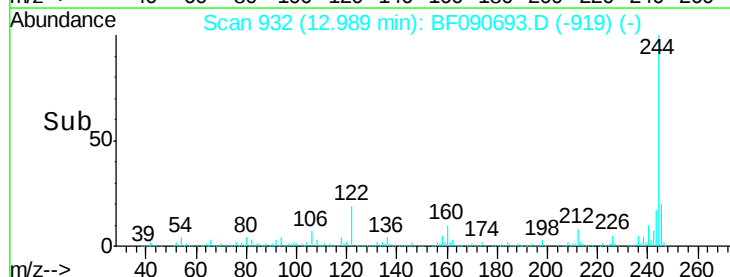
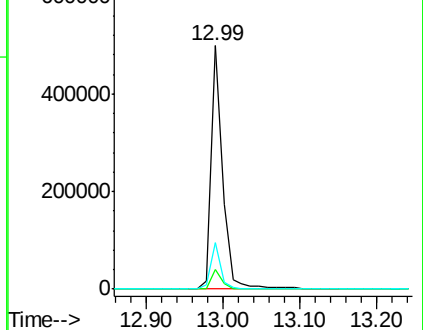
122 18.9 5.6 8.4#

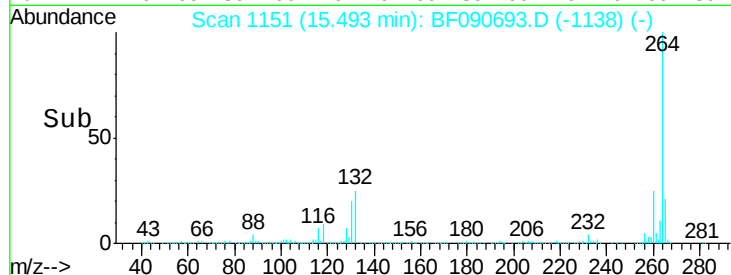
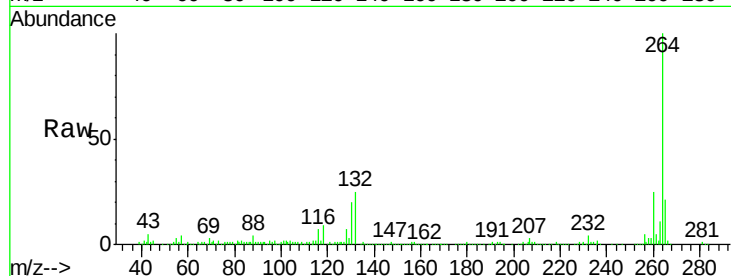
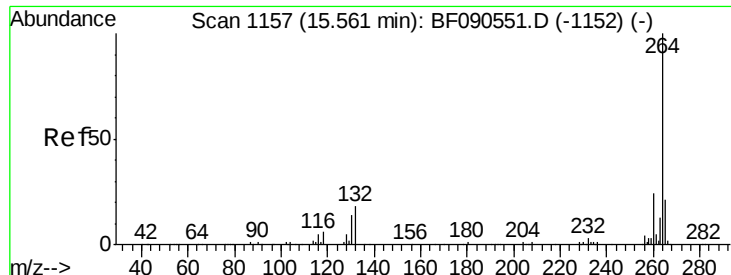


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

Tot Ion:	264	Resp:	262784
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.5	16.7	25.1

