

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090690.D
 Acq On : 20 Oct 2016 18:53
 Operator : UM/SJ
 Sample : H5343-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

Quant Time: Oct 21 09:23:39 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

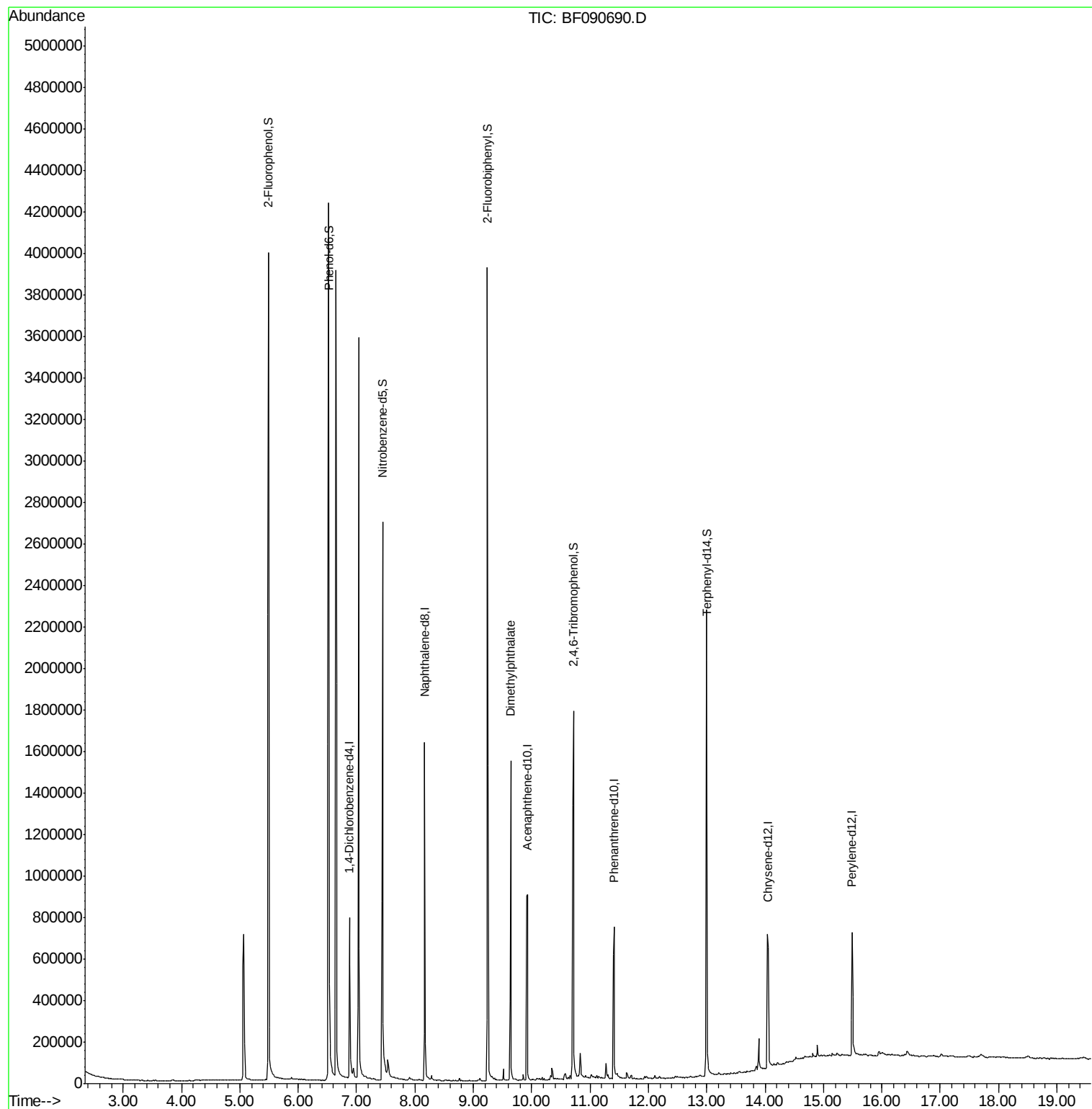
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160612	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	702668	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	280512	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	383282	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	321403	20.00	ng	-0.03
86) Perylene-d12	15.49	264	261735	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1315144	150.11	ng	-0.02
7) Phenol-d6	6.52	99	1640780	126.04	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1065143	84.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	273185	109.24	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	1319441	77.50	ng	-0.03
78) Terphenyl-d14	13.00	244	1007088	72.96	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.64	163	600244	32.98	ng	Qvalue 98

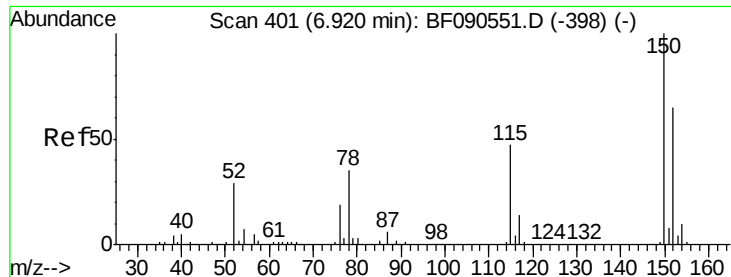
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090690.D

Acq: 20 Oct 2016 18:53

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

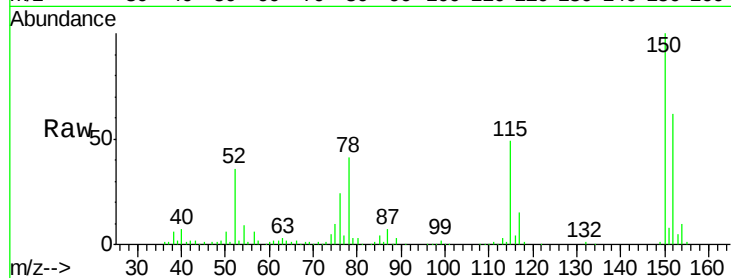
Tot Ion:152 Resp: 160612

Ion Ratio Lower Upper

152 100

150 161.2 127.2 190.8

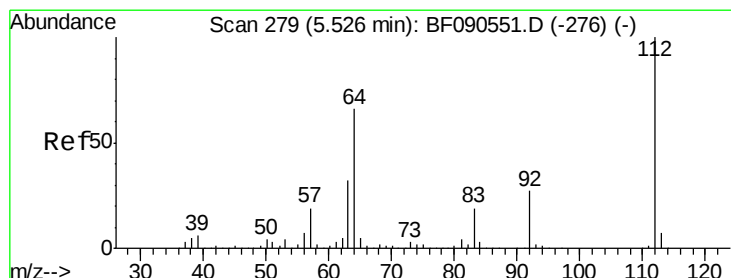
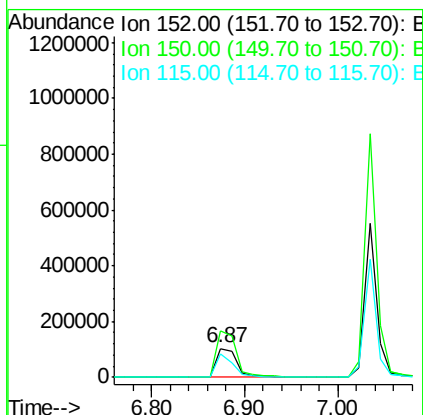
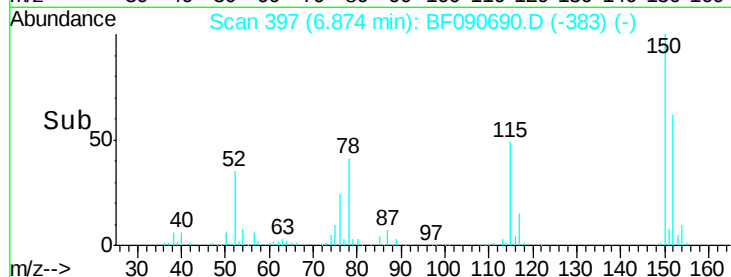
115 79.7 58.6 88.0



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: 150.11 ng

RT: 5.49 min Scan# 276

Delta R.T. -0.02 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

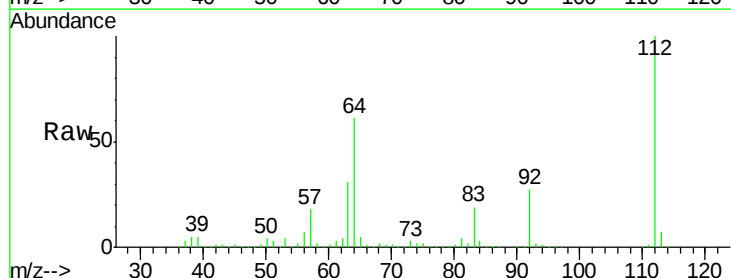
Tgt Ion:112 Resp: 1315144

Ion Ratio Lower Upper

112 100

64 61.5 52.6 78.8

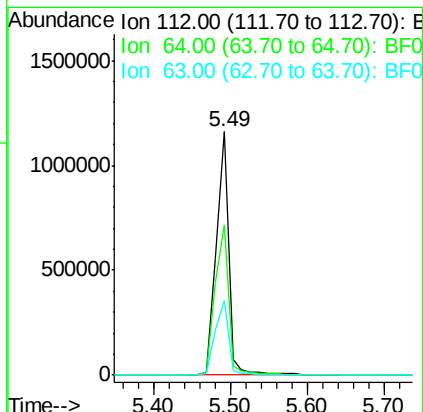
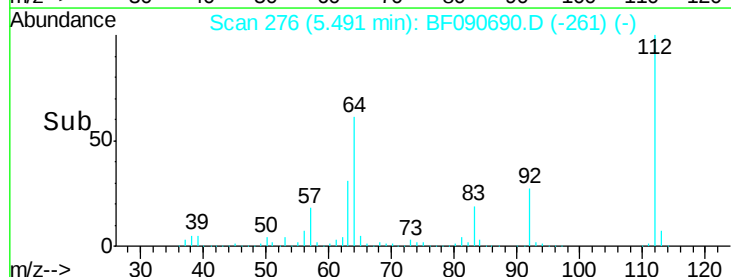
63 30.6 26.0 39.0

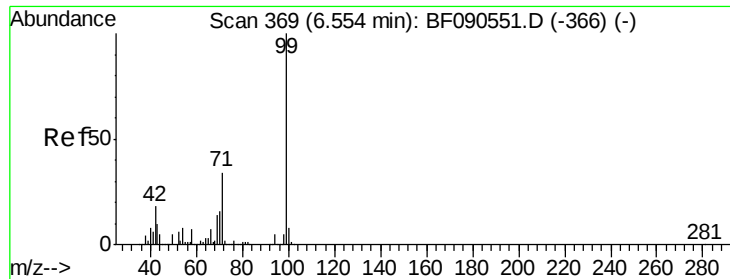


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.04 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

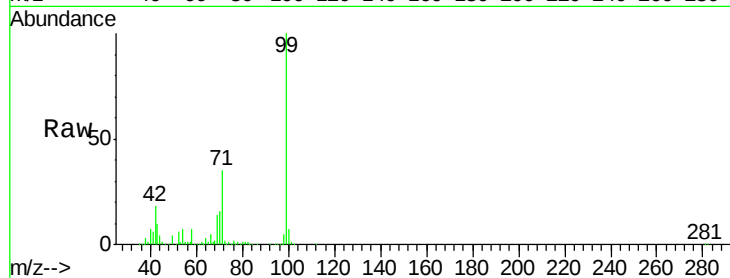
Tot Ion: 99 Resp: 1640780

Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

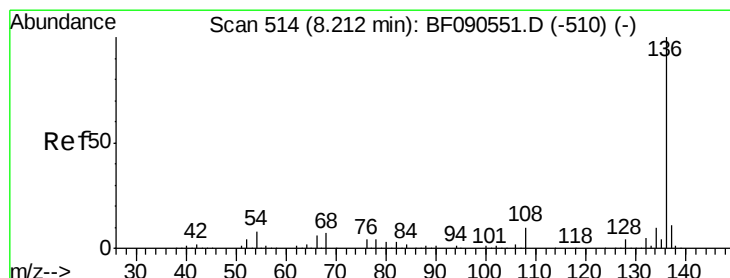
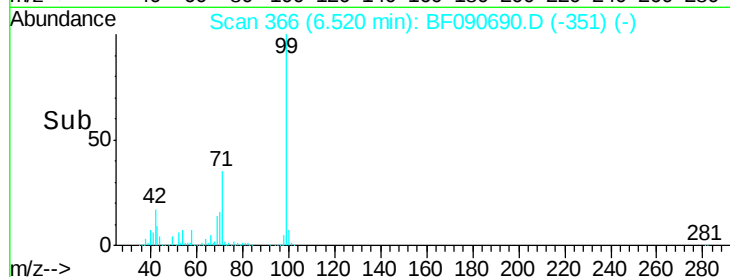
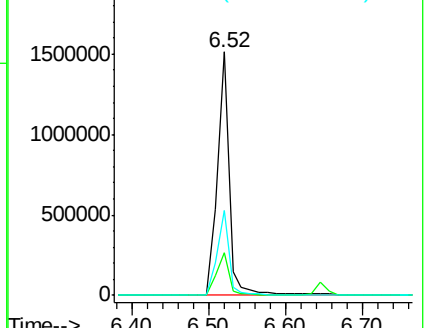
71 34.8 27.6 41.4



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: 8.17 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Tgt Ion: 136 Resp: 702668

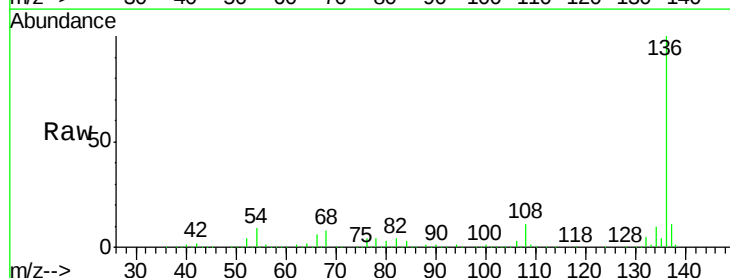
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.4 6.8 10.2

68 7.7 6.0 9.0

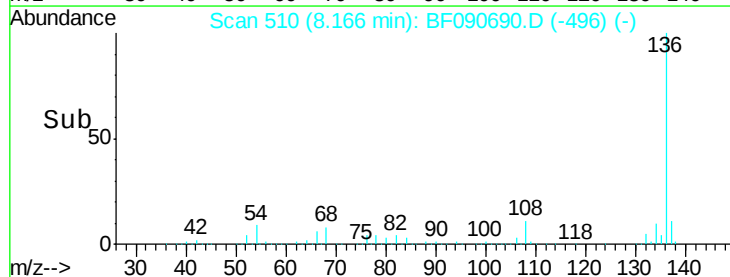
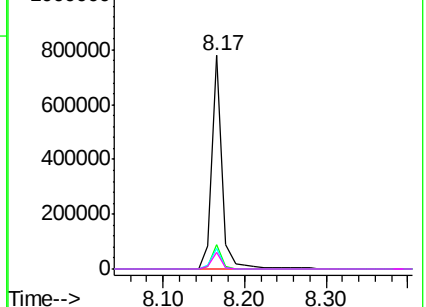


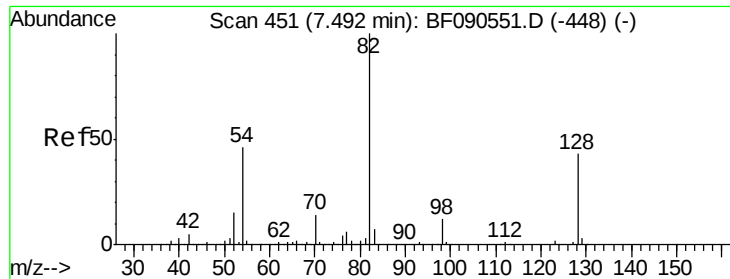
Abundance Ion 136.00 (135.70 to 136.70): E

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

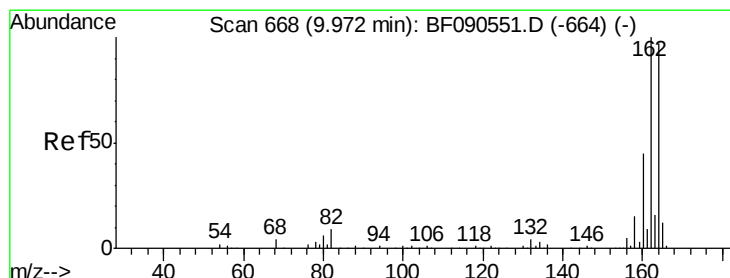
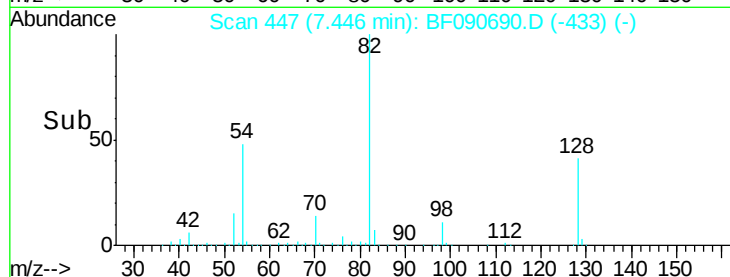
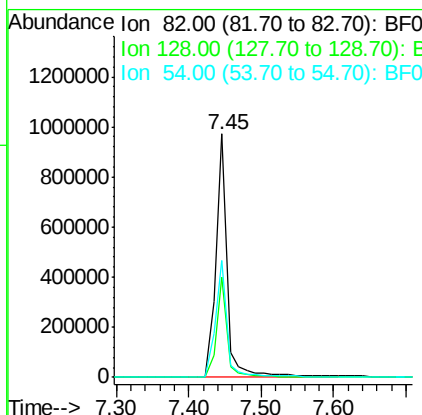
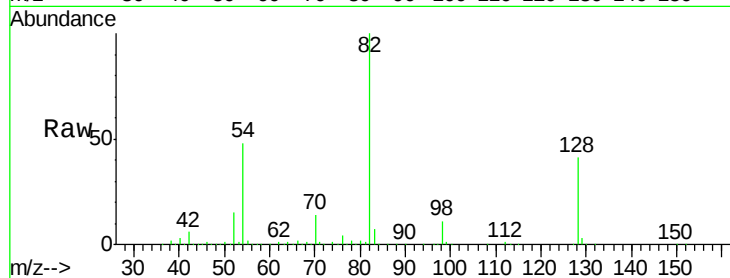




#23
 Nitrobenzene-d5
 Concen: 84.21 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF090690.D
 Acq: 20 Oct 2016 18:53

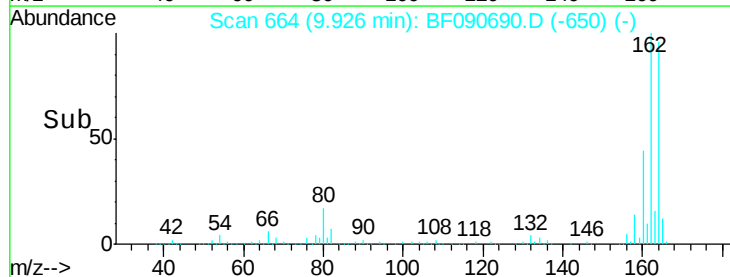
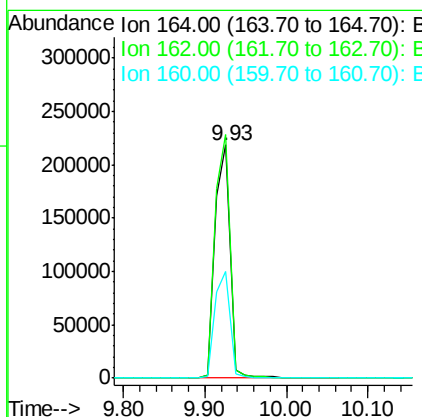
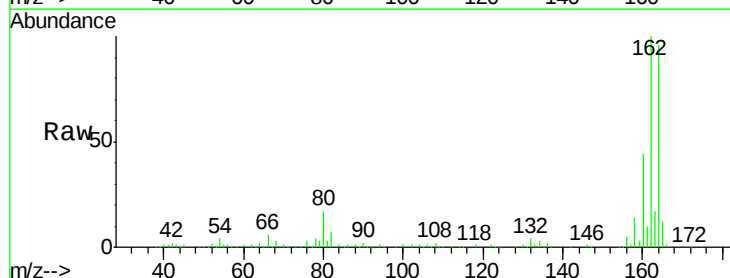
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

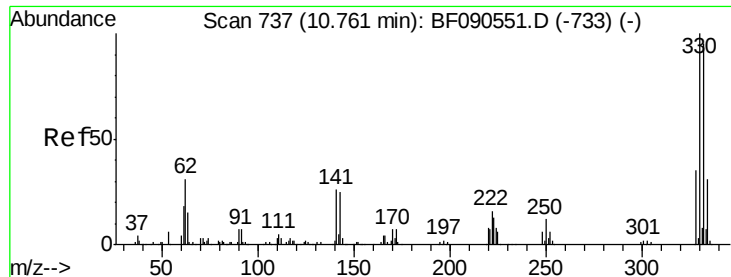
Tot Ion: 82 Resp: 1065143
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.3 51.5
 54 47.9 37.0 55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF090690.D
 Acq: 20 Oct 2016 18:53

Tgt Ion:164 Resp: 280512
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.2 123.4
 160 45.9 36.6 55.0

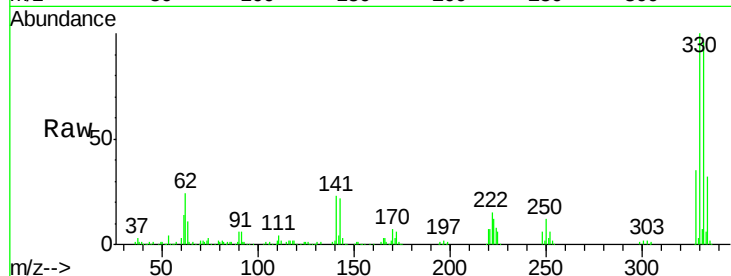




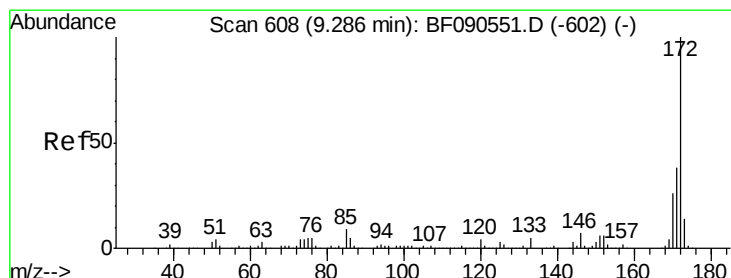
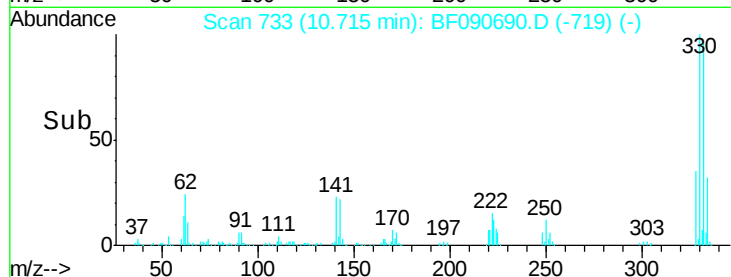
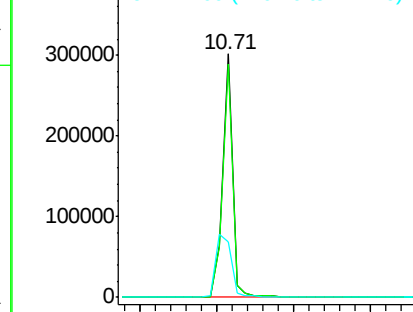
#41
 2,4,6-Tribromophenol
 Concen: 109.24 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF090690.D
 Acq: 20 Oct 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-19.5-20.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.2
141	40.6	31.4	47.2

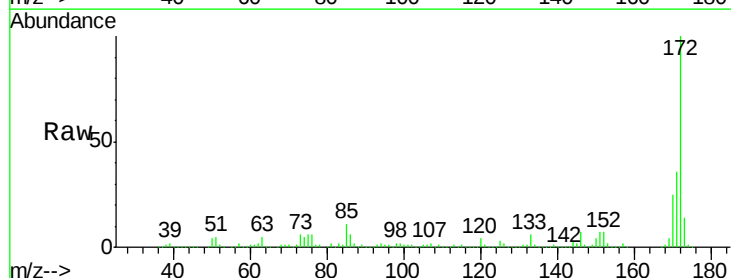


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

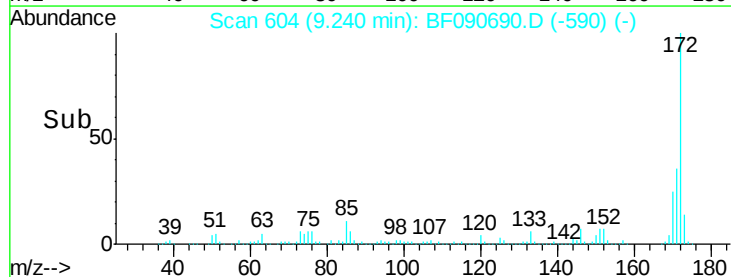
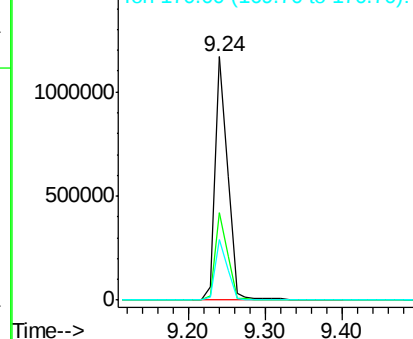


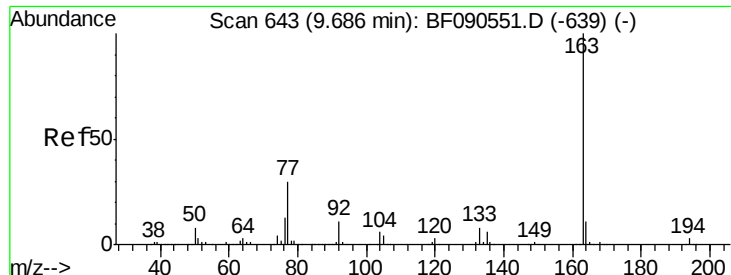
#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF090690.D
 Acq: 20 Oct 2016 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.1	45.1
170	25.1	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: 32.98 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

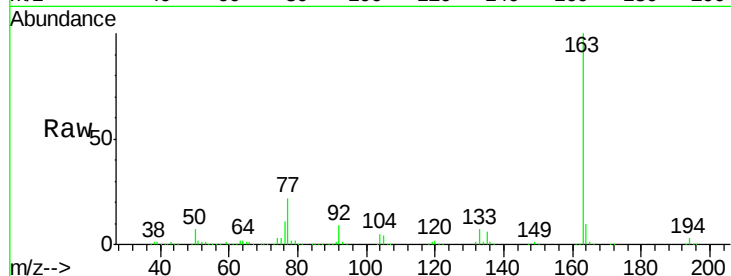
Tot Ion:163 Resp: 600244

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

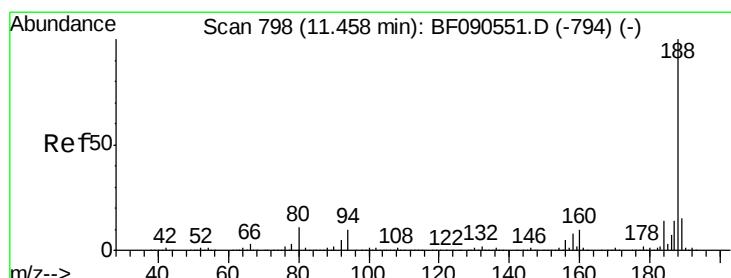
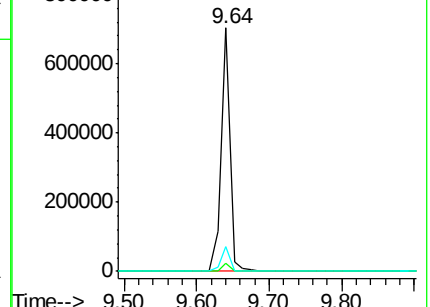
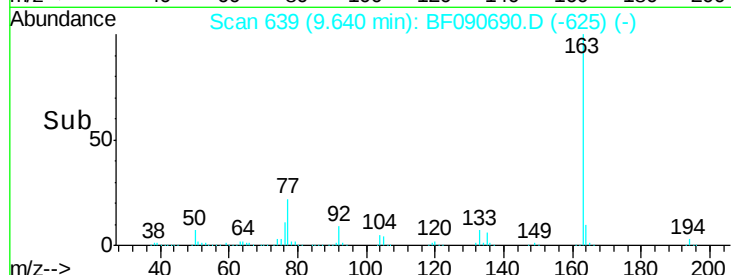
164 10.1 8.6 13.0



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. -0.03 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

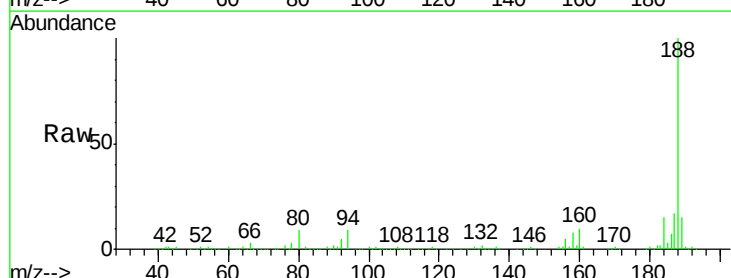
Tgt Ion:188 Resp: 383282

Ion Ratio Lower Upper

188 100

94 8.6 7.7 11.5

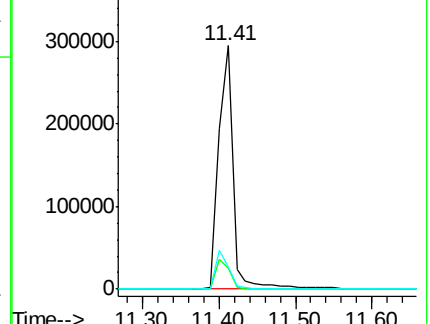
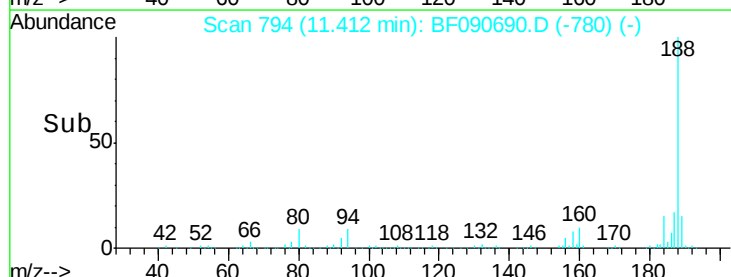
80 9.1 8.6 12.8

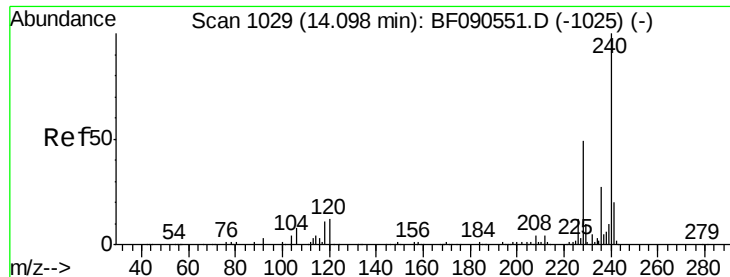


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.03 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-19.5-20.0

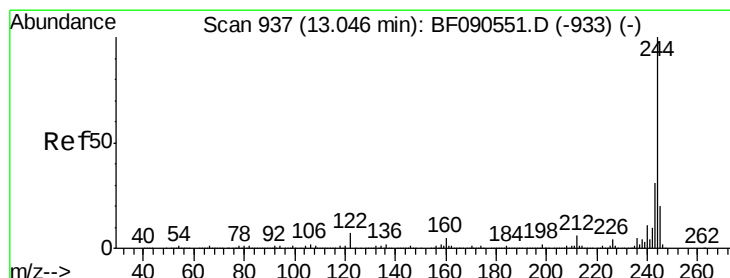
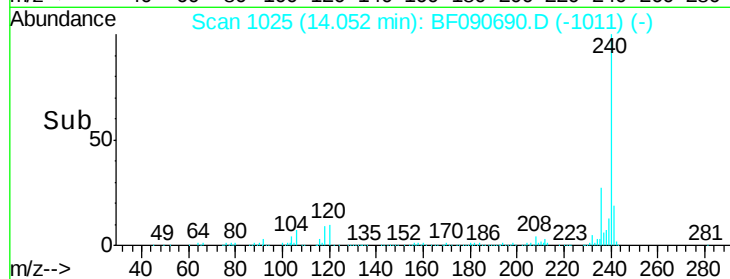
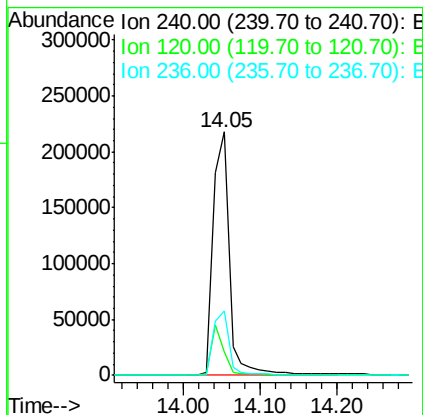
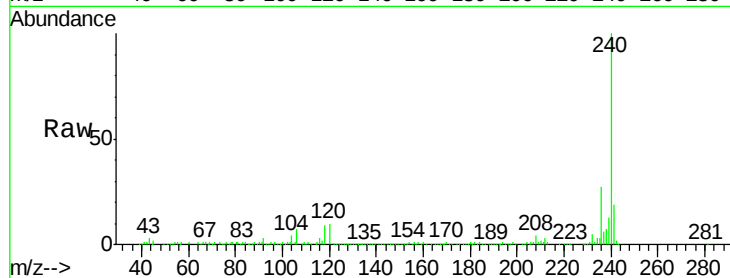
Tot Ion:240 Resp: 321403

Ion Ratio Lower Upper

240 100

120 9.6 9.8 14.8#

236 26.6 21.7 32.5



#78

Terphenyl-d14

Concen: 72.96 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF090690.D

Acq: 20 Oct 2016 18:53

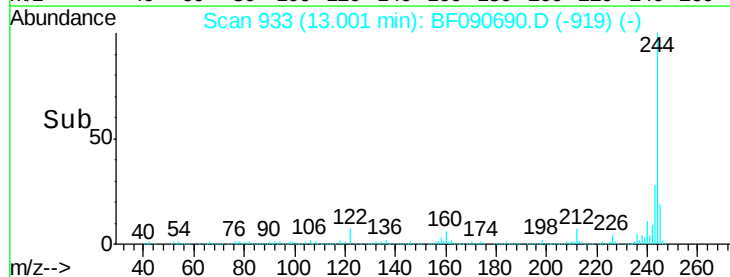
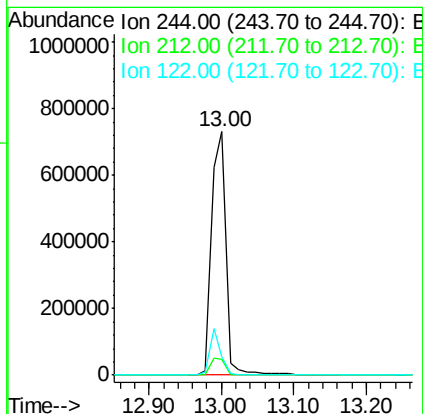
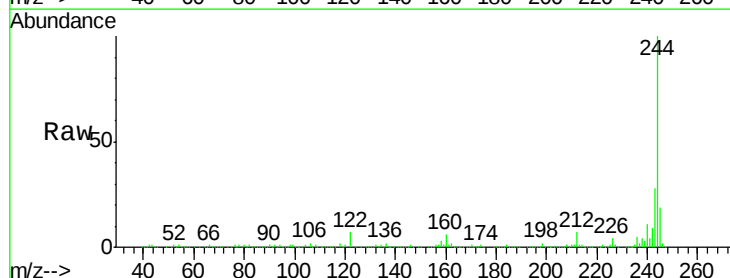
Tgt Ion:244 Resp: 1007088

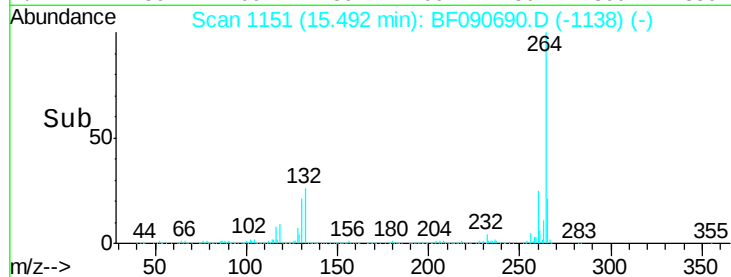
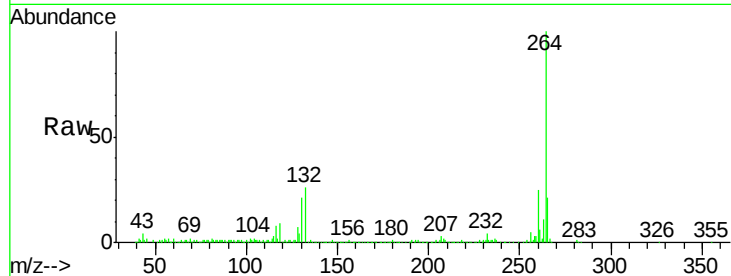
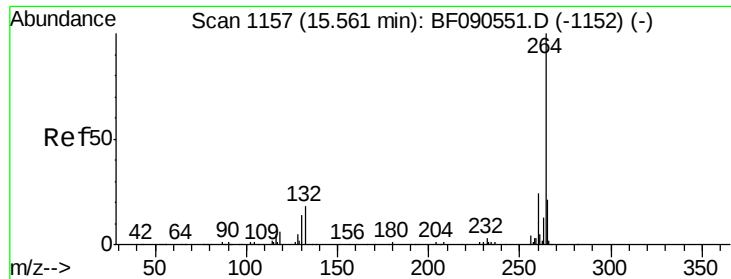
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 7.5 5.6 8.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF090690.D
Acq: 20 Oct 2016 18:53

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-19.5-20.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.3	16.7	25.1

