

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090691.D
 Acq On : 20 Oct 2016 19:21
 Operator : UM/SJ
 Sample : H5343-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-14.5-15.0

Quant Time: Oct 21 09:24:54 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

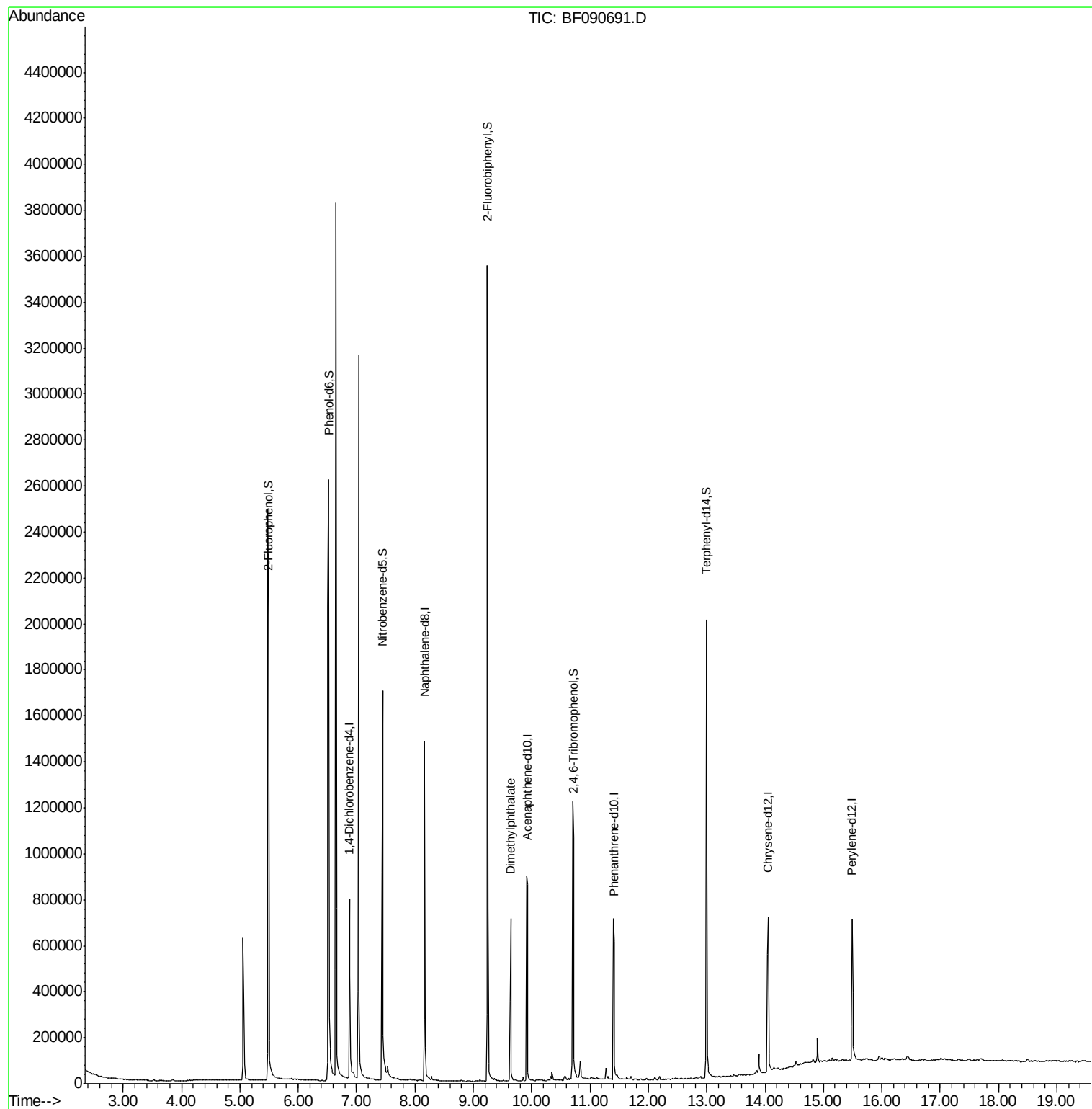
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150433	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	659457	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	276937	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	376349	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	318332	20.00	ng	-0.03
86) Perylene-d12	15.49	264	262768	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	984483	119.97	ng	-0.02
7) Phenol-d6	6.52	99	1352128	110.89	ng	-0.02
23) Nitrobenzene-d5	7.45	82	800478	67.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	188804	76.47	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	1051251	62.55	ng	-0.03
78) Terphenyl-d14	12.99	244	813109	59.47	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	331528	18.45	ng	98

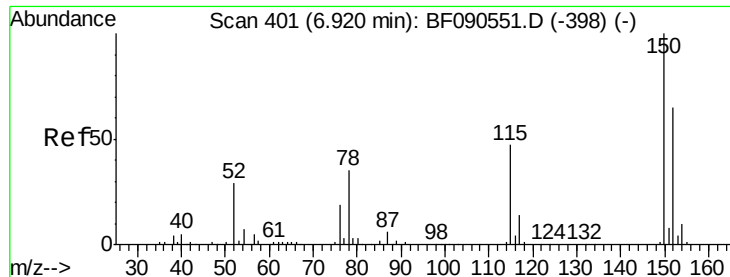
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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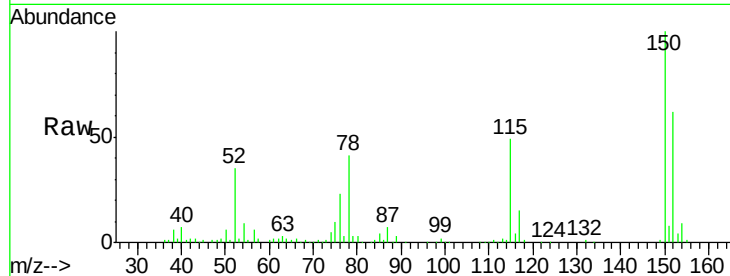


#1

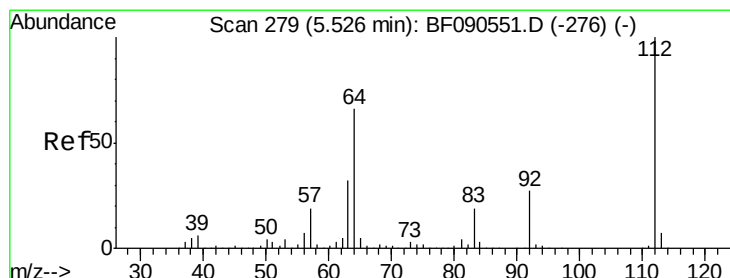
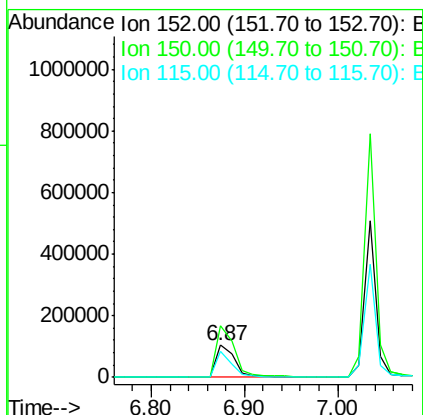
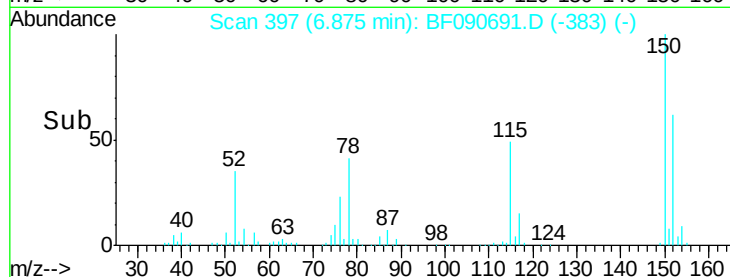
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF090691.D
Acq: 20 Oct 2016 19:21

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

Tot Ion:152 Resp: 150433
Ion Ratio Lower Upper
152 100
150 161.6 127.2 190.8
115 79.9 58.6 88.0



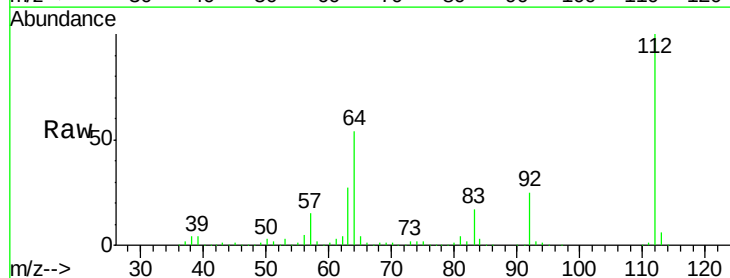
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



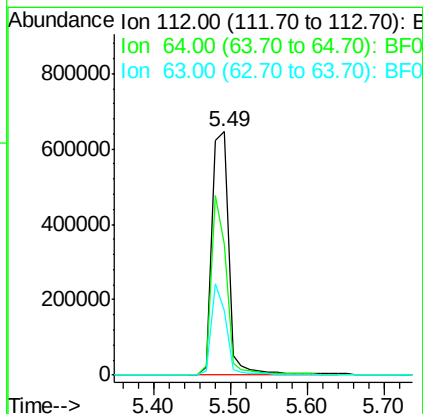
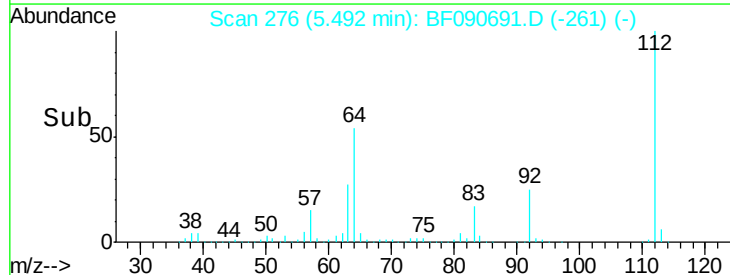
#5

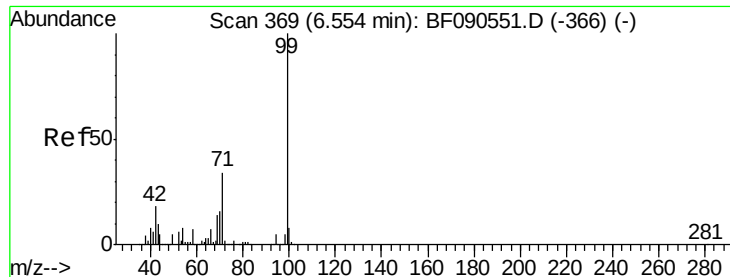
2-Fluorophenol
Concen: 119.97 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.02 min
Lab File: BF090691.D
Acq: 20 Oct 2016 19:21

Tgt Ion:112 Resp: 984483
Ion Ratio Lower Upper
112 100
64 53.7 52.6 78.8
63 26.6 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: 110.89 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

Instrument :

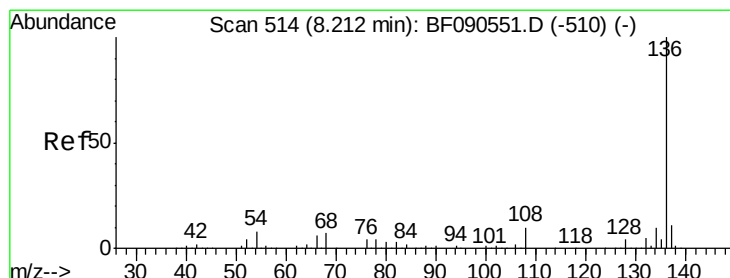
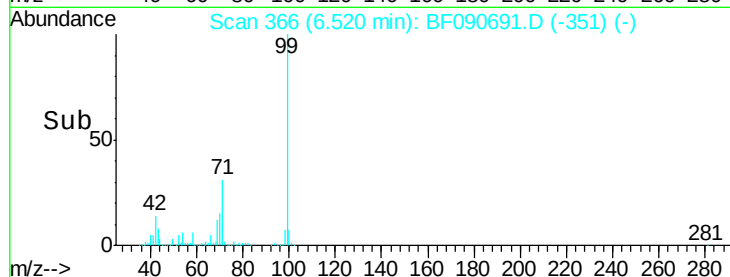
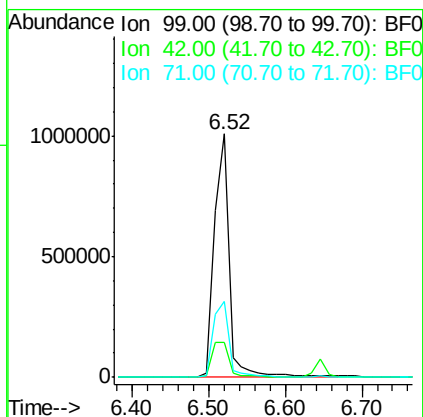
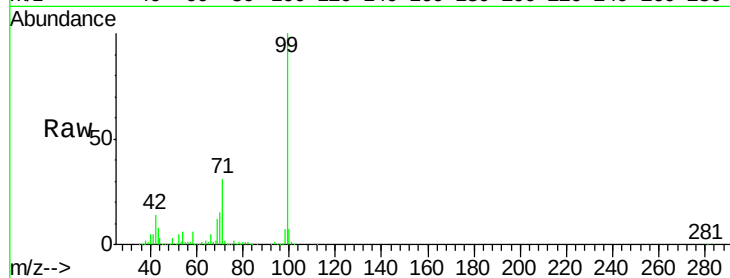
BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

Tot Ion: 99 Resp: 1352128

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.7	22.1#
71	31.1	27.6	41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 510

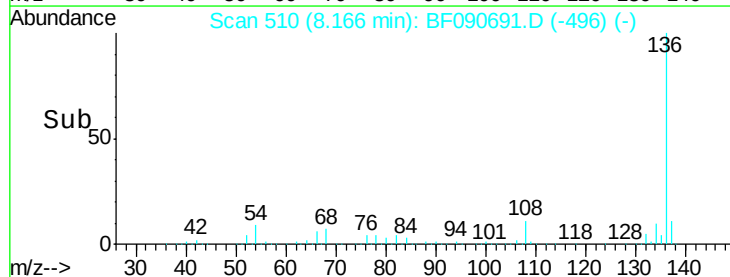
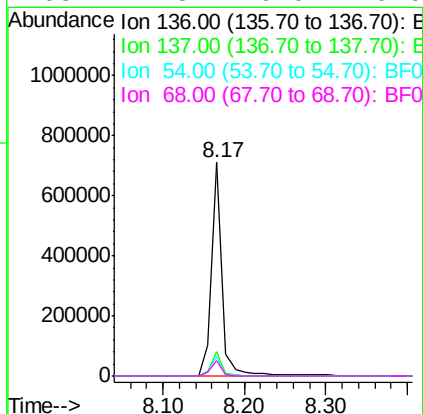
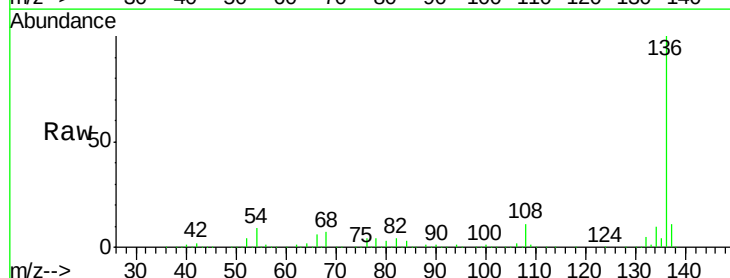
Delta R.T. -0.03 min

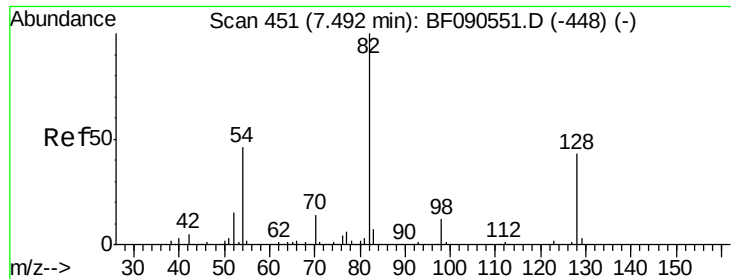
Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

Tgt Ion: 136 Resp: 659457

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.0	6.8	10.2
68	7.3	6.0	9.0

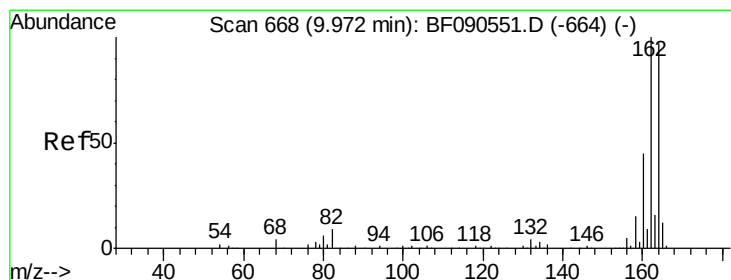
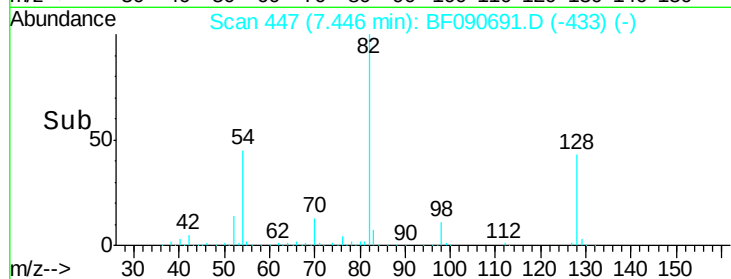
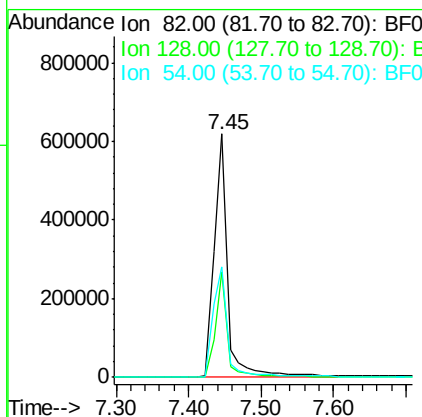
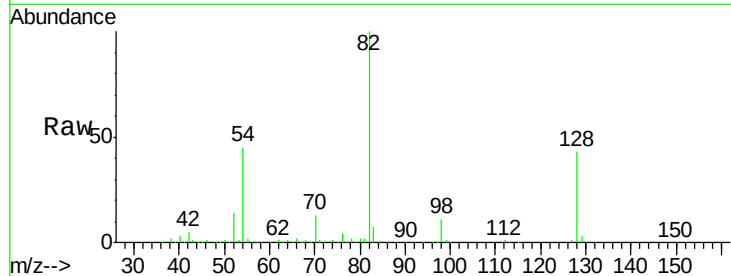




#23
 Nitrobenzene-d5
 Concen: 67.43 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF090691.D
 Acq: 20 Oct 2016 19:21

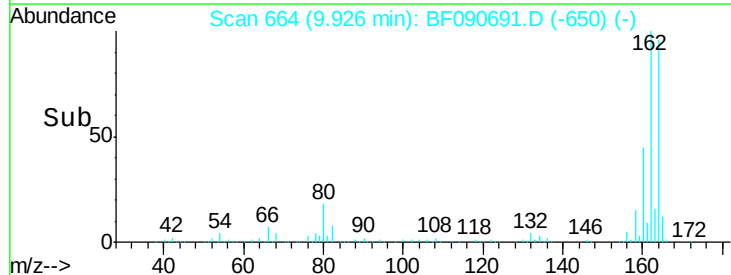
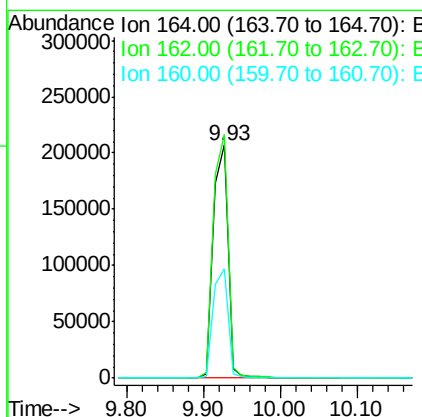
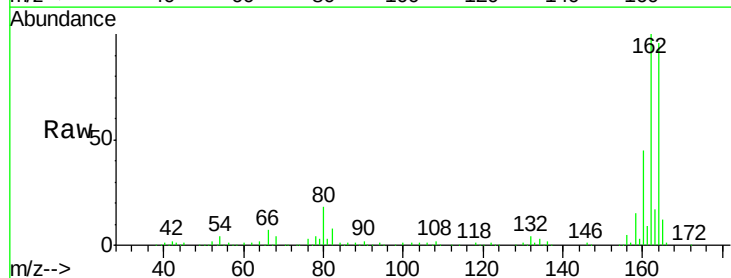
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-14.5-15.0

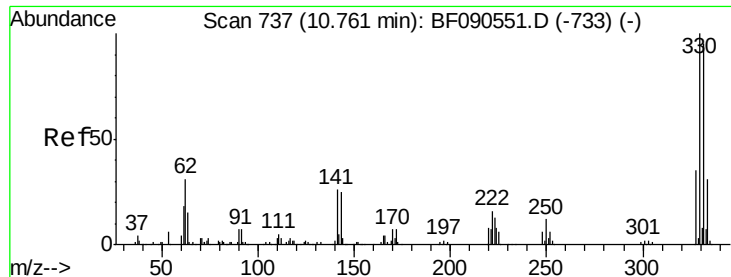
Tot Ion	82	Resp	800478
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.3	51.5
54	45.5	37.0	55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF090691.D
 Acq: 20 Oct 2016 19:21

Tgt Ion	164	Resp	276937
Ion Ratio	Lower	Upper	
164	100		
162	104.5	82.2	123.4
160	46.8	36.6	55.0





#41

2,4,6-Tribromophenol

Concen: 76.47 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

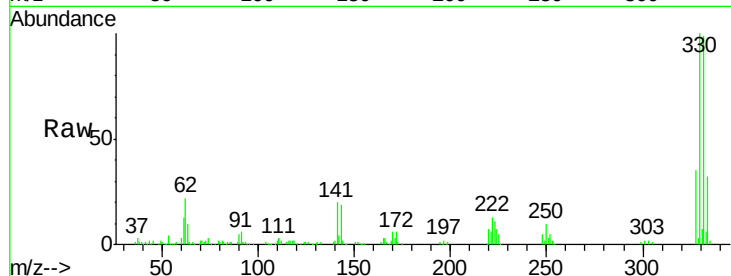
Tot Ion:330 Resp: 188804

Ion Ratio Lower Upper

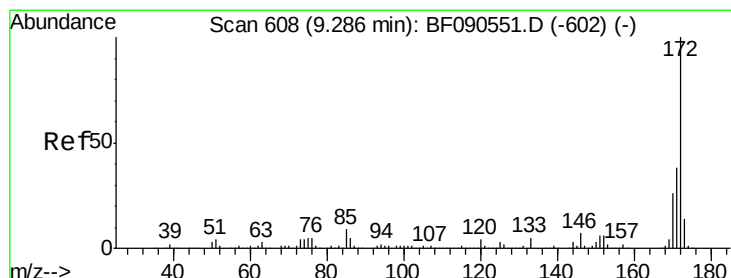
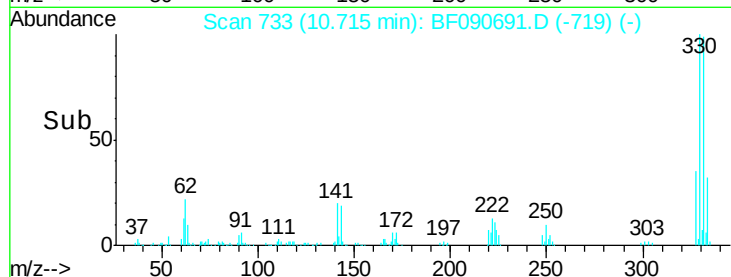
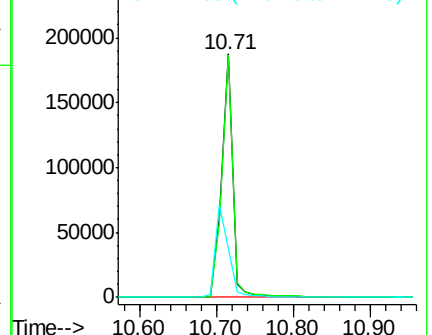
330 100

332 98.2 76.2 114.2

141 45.0 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: 62.55 ng

RT: 9.24 min Scan# 604

Delta R.T. -0.03 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

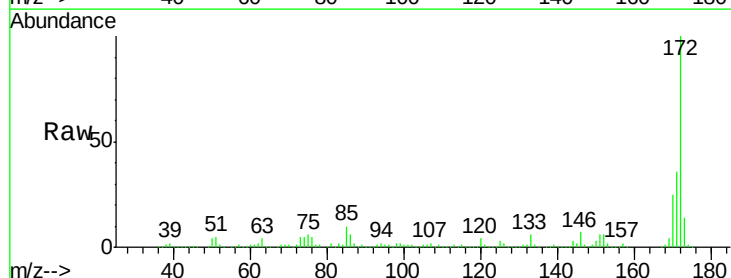
Tgt Ion:172 Resp: 1051251

Ion Ratio Lower Upper

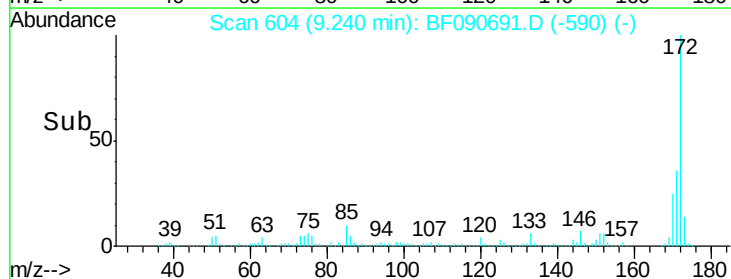
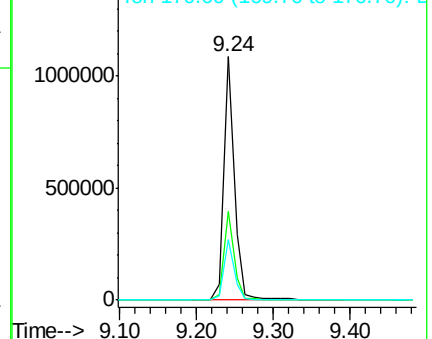
172 100

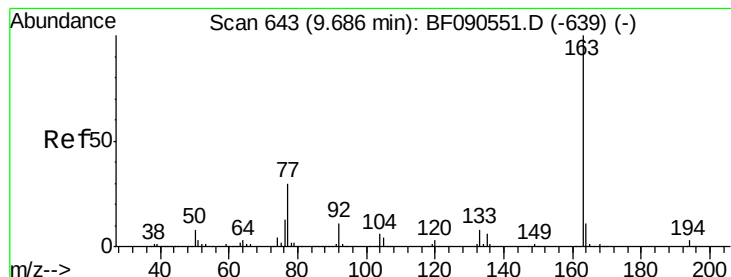
171 36.4 30.1 45.1

170 24.8 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: 18.45 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

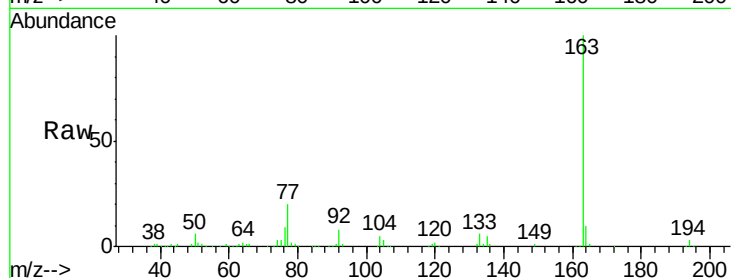
Tot Ion:163 Resp: 331528

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

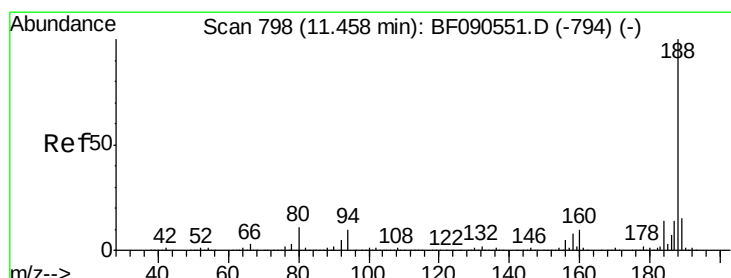
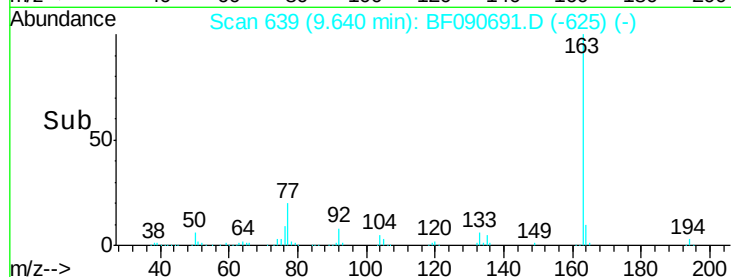
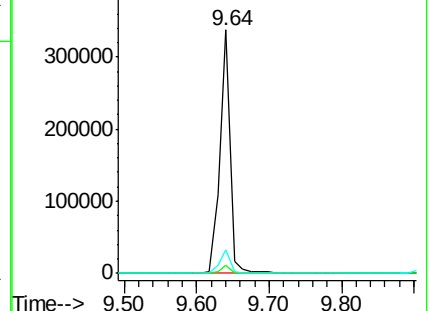
164 9.8 8.6 13.0



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: BF090691.D

Acq: 20 Oct 2016 19:21

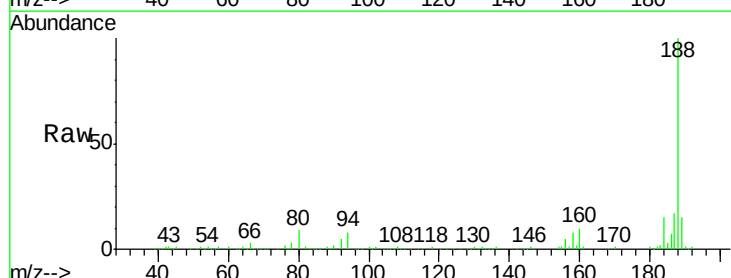
Tgt Ion:188 Resp: 376349

Ion Ratio Lower Upper

188 100

94 8.3 7.7 11.5

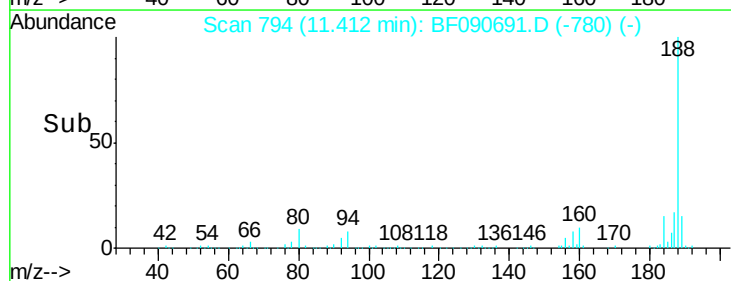
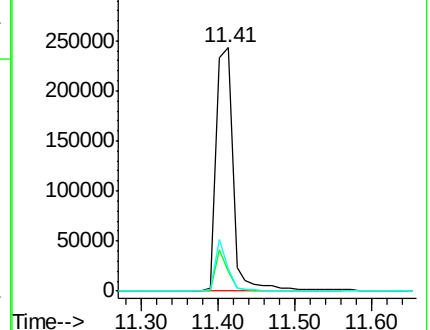
80 9.3 8.6 12.8

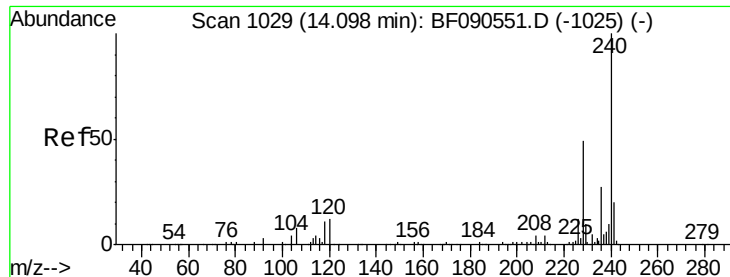


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

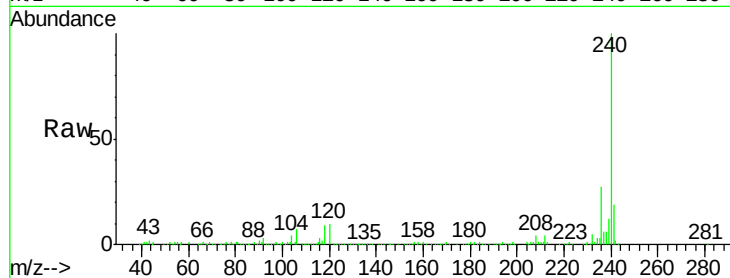
Tot Ion:240 Resp: 318332

Ion Ratio Lower Upper

240 100

120 10.3 9.8 14.8

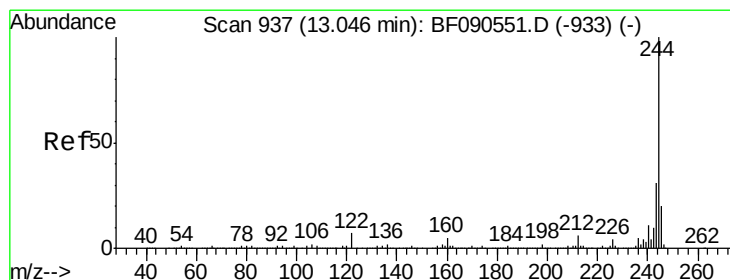
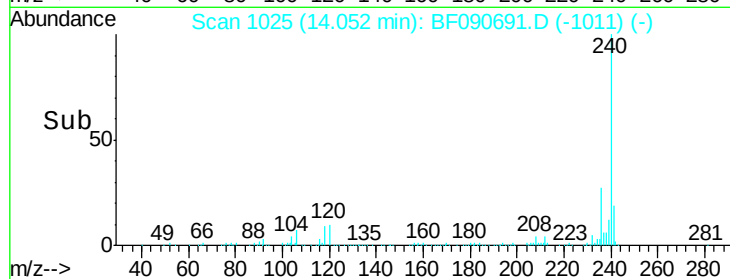
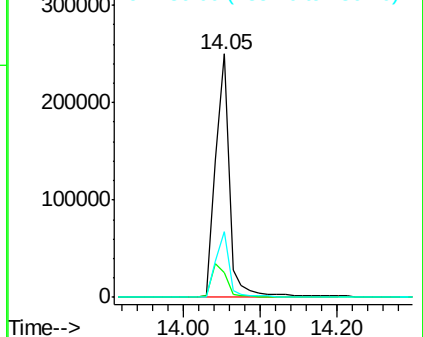
236 27.2 21.7 32.5



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: 59.47 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

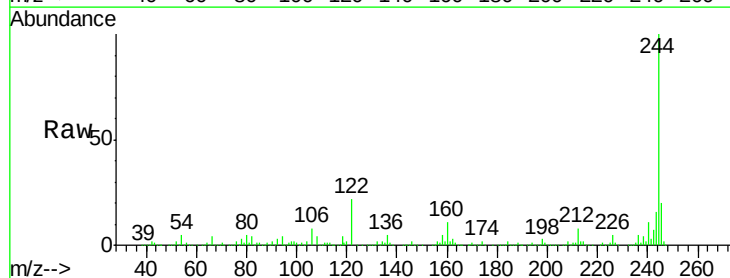
Tgt Ion:244 Resp: 813109

Ion Ratio Lower Upper

244 100

212 8.3 5.0 7.4#

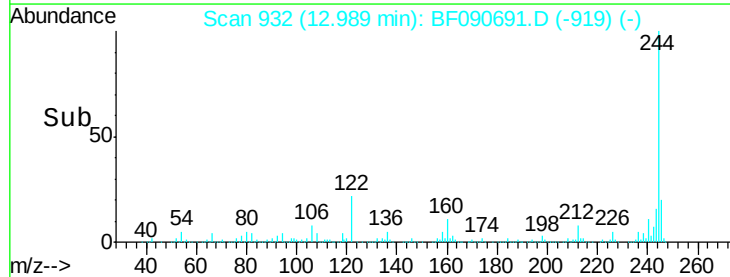
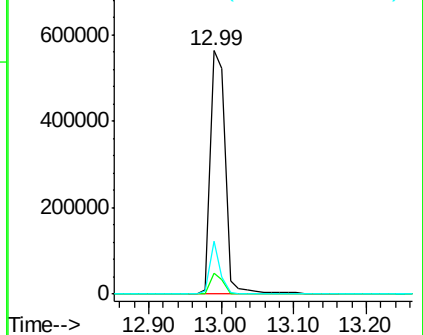
122 21.5 5.6 8.4#

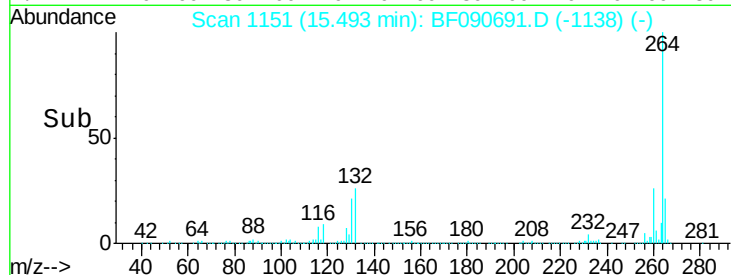
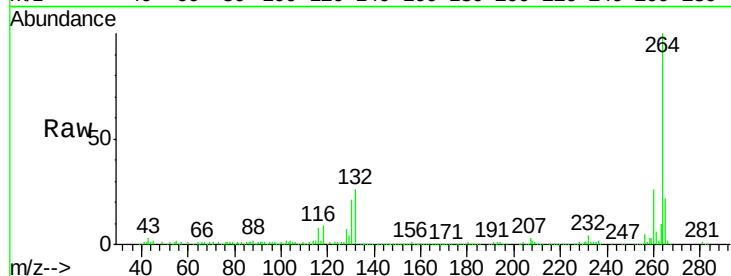
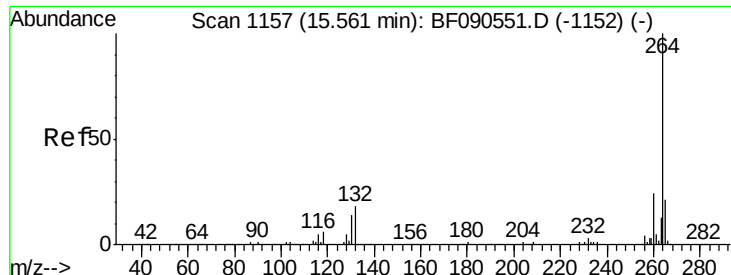


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090691.D
Acq: 20 Oct 2016 19:21

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

Tot Ion:	264	Resp:	262768
Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	21.6	16.7	25.1

