

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090692.D
 Acq On : 20 Oct 2016 19:48
 Operator : UM/SJ
 Sample : H5343-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-17.5-18.0

Quant Time: Oct 21 09:26:00 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

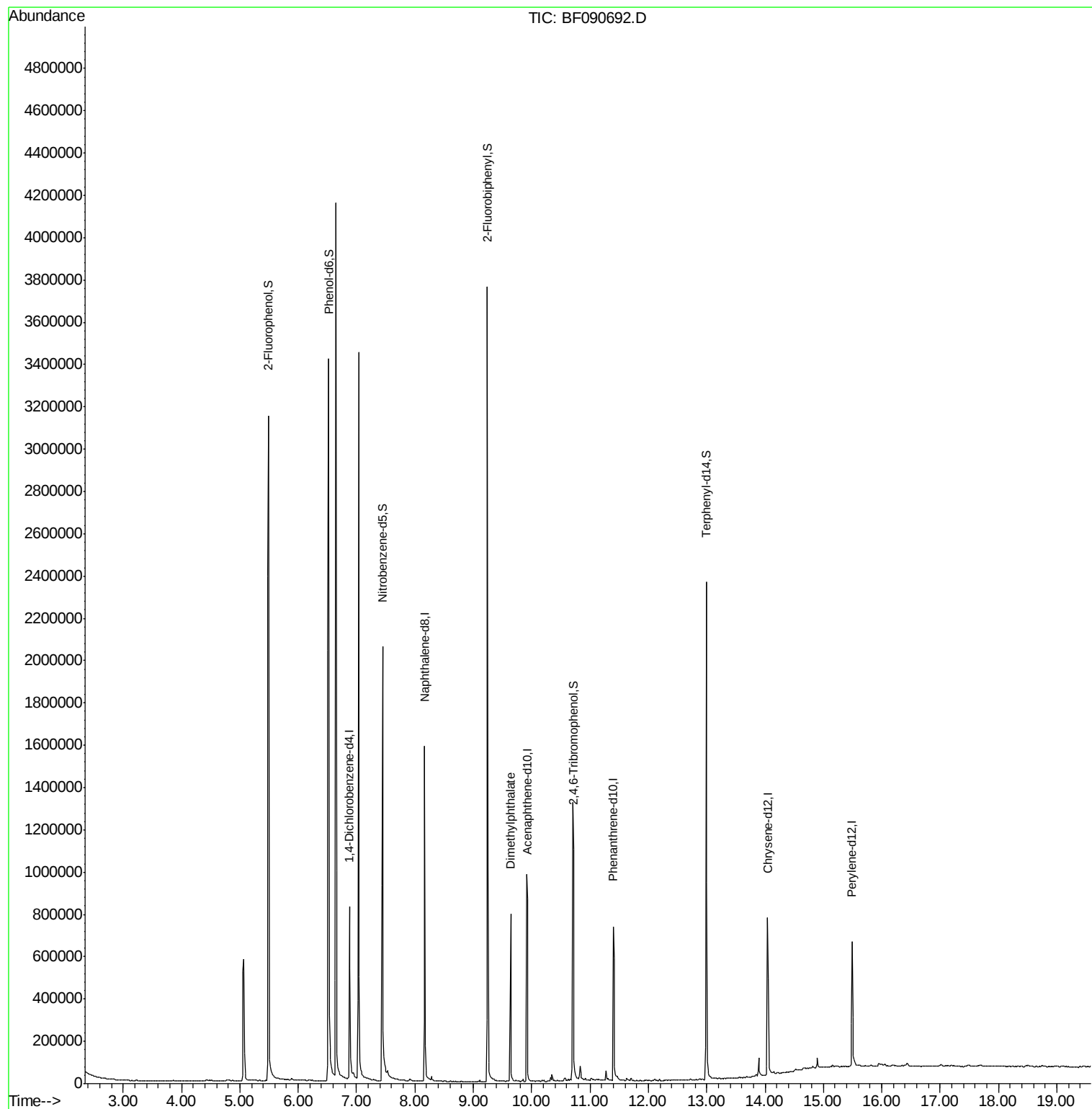
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164445	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	712953	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	294956	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	380113	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	321228	20.00	ng	-0.05
86) Perylene-d12	15.49	264	252294	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1191530	132.83	ng	-0.02
7) Phenol-d6	6.52	99	1555892	116.73	ng	-0.02
23) Nitrobenzene-d5	7.45	82	915644	71.34	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	202646	77.06	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	1167277	65.21	ng	-0.03
78) Terphenyl-d14	12.99	244	786477	57.01	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	368464	19.25	ng	97

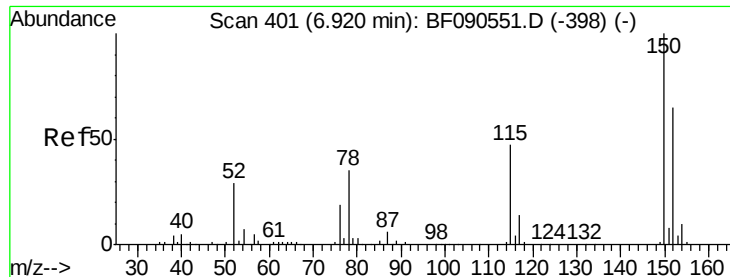
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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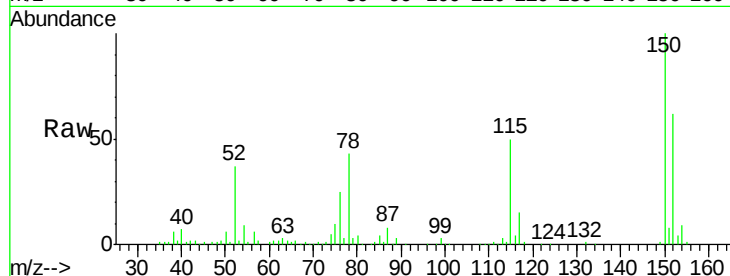


#1

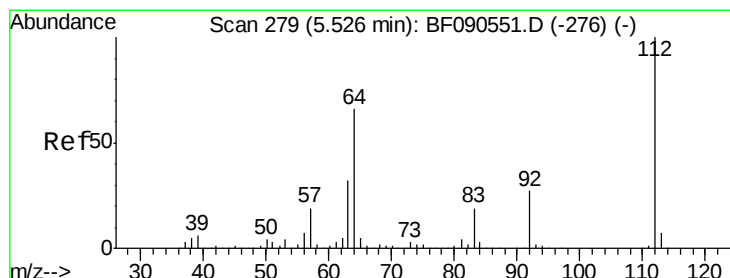
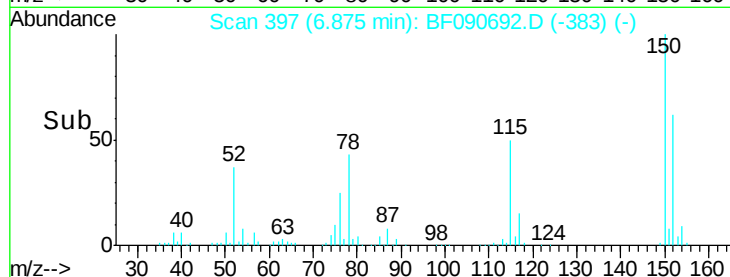
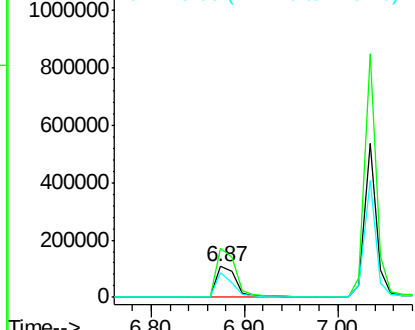
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF090692.D
Acq: 20 Oct 2016 19:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-17.5-18.0

Tot Ion:152 Resp: 164445
Ion Ratio Lower Upper
152 100
150 161.3 127.2 190.8
115 80.1 58.6 88.0



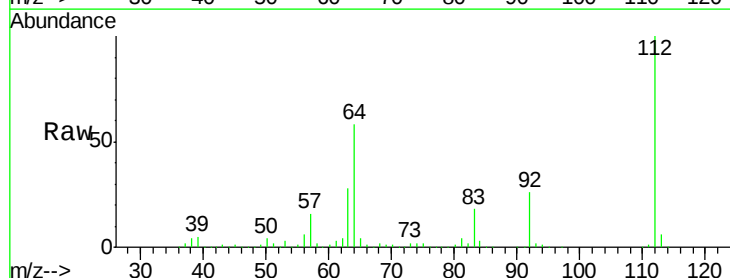
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



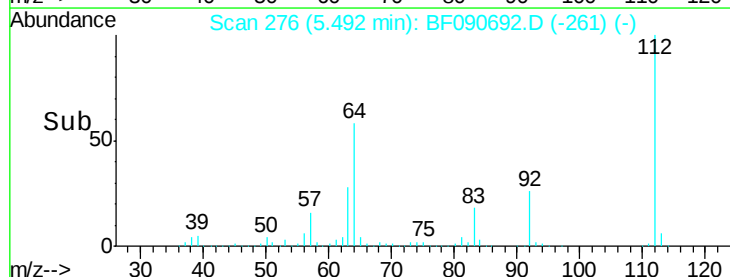
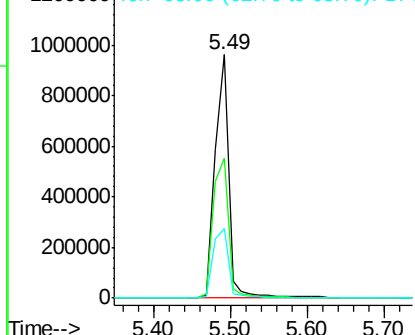
#5

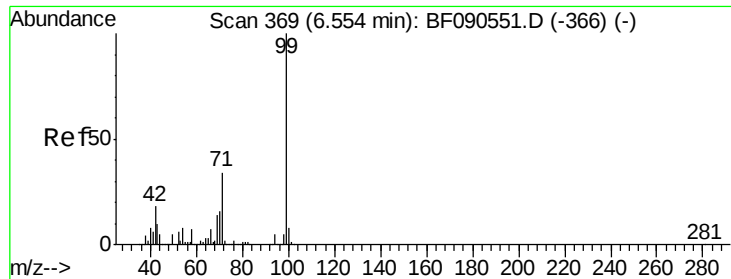
2-Fluorophenol
Concen: 132.83 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.02 min
Lab File: BF090692.D
Acq: 20 Oct 2016 19:48

Tgt Ion:112 Resp: 1191530
Ion Ratio Lower Upper
112 100
64 57.5 52.6 78.8
63 28.4 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: 116.73 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF090692.D

Acq: 20 Oct 2016 19:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-17.5-18.0

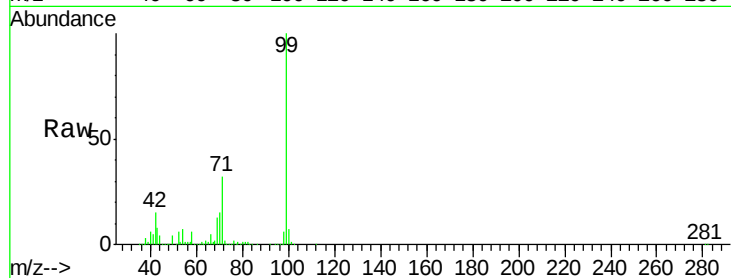
Tot Ion: 99 Resp: 1555892

Ion Ratio Lower Upper

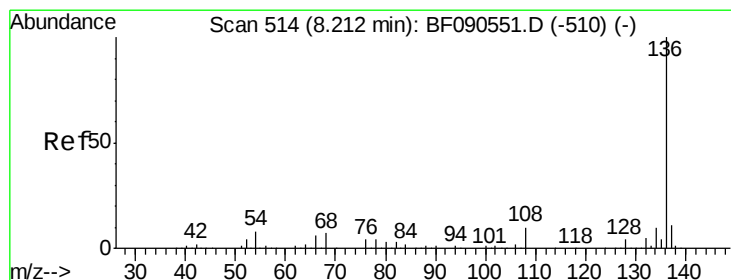
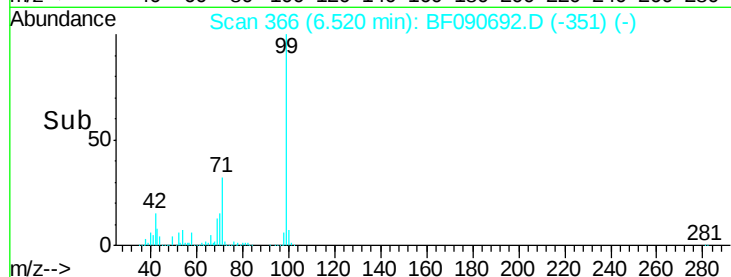
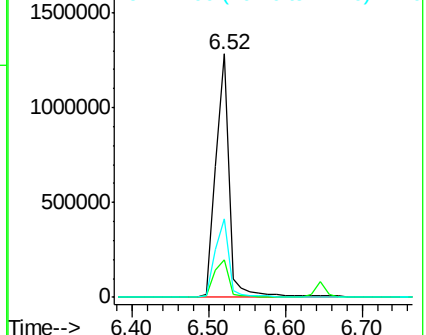
99 100

42 15.2 14.7 22.1

71 32.3 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: 8.17 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF090692.D

Acq: 20 Oct 2016 19:48

Tgt Ion: 136 Resp: 712953

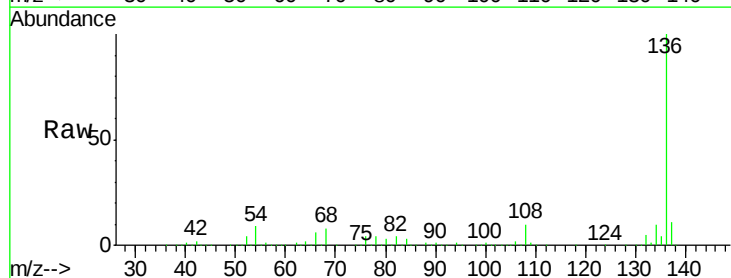
Ion Ratio Lower Upper

136 100

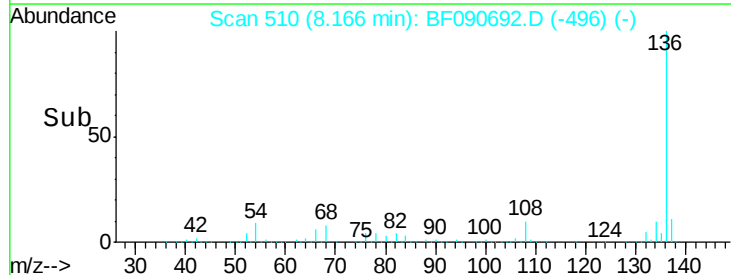
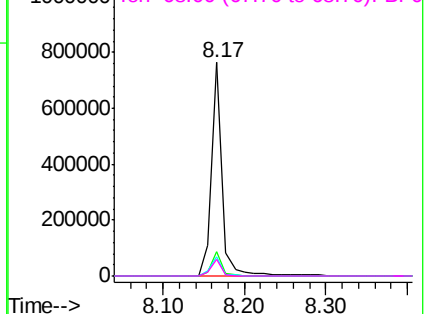
137 11.1 8.8 13.2

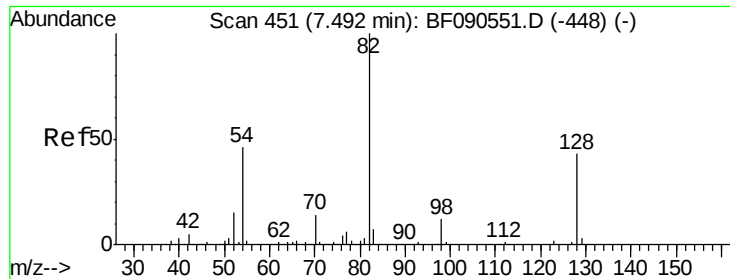
54 8.9 6.8 10.2

68 7.6 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

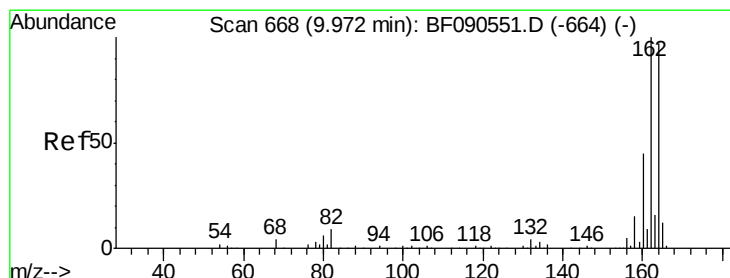
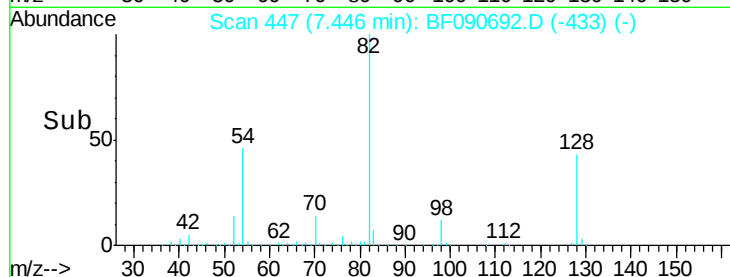
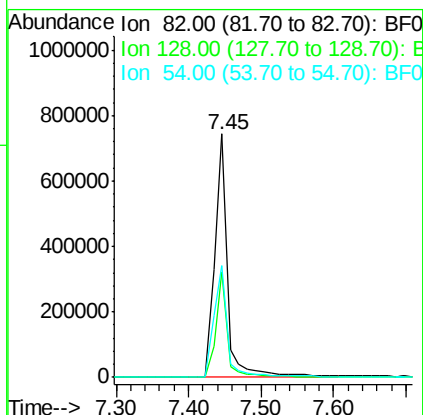
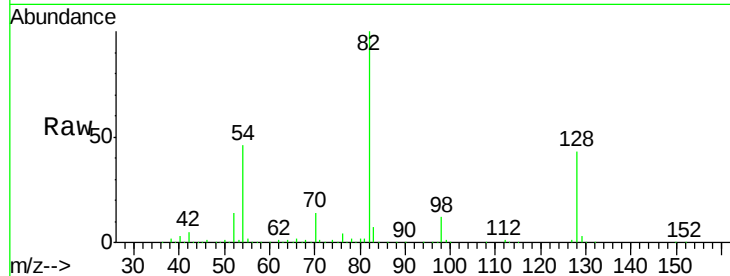




#23
 Nitrobenzene-d5
 Concen: 71.34 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF090692.D
 Acq: 20 Oct 2016 19:48

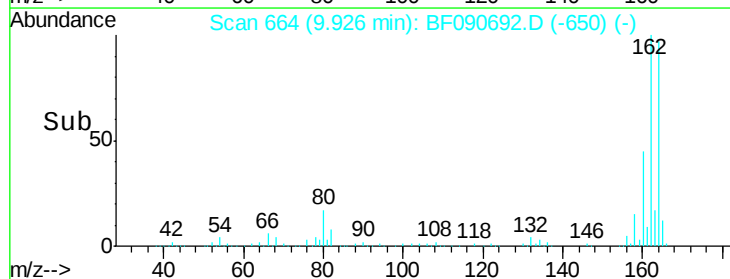
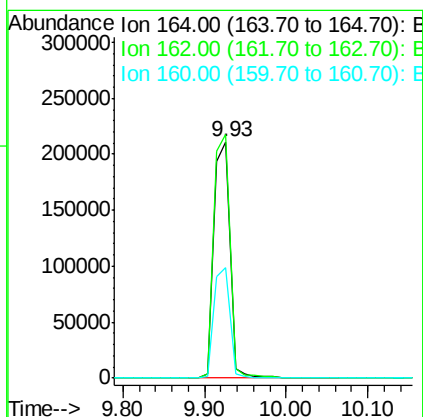
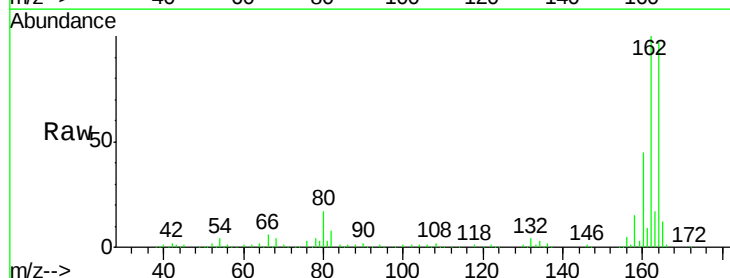
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-17.5-18.0

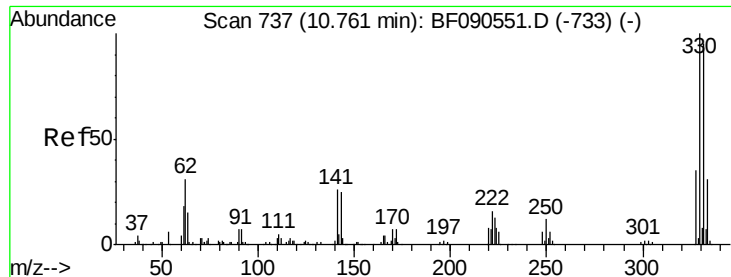
Tot Ion	82	Resp	915644
Ion Ratio	Lower	Upper	
82	100		
128	43.3	34.3	51.5
54	46.1	37.0	55.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF090692.D
 Acq: 20 Oct 2016 19:48

Tgt Ion	164	Resp	294956
Ion Ratio	Lower	Upper	
164	100		
162	103.0	82.2	123.4
160	46.8	36.6	55.0

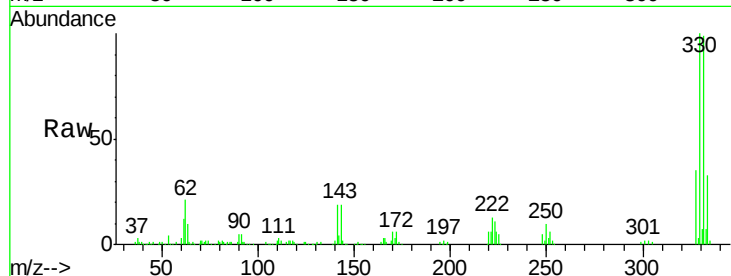




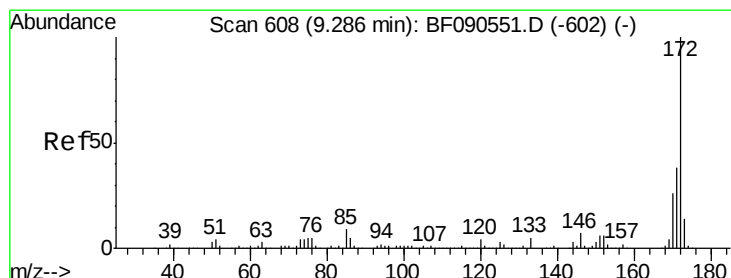
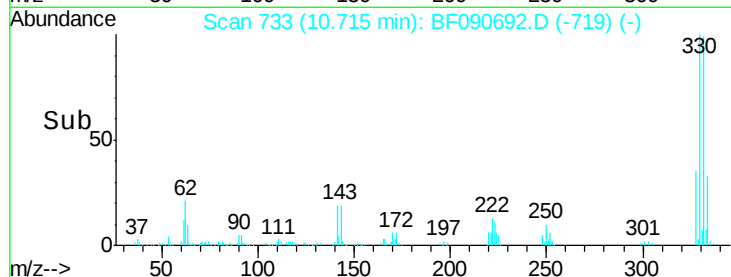
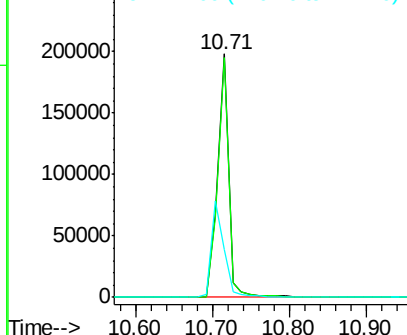
#41
 2,4,6-Tribromophenol
 Concen: 77.06 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF090692.D
 Acq: 20 Oct 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-17.5-18.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.2	114.2
141	43.8	31.4	47.2

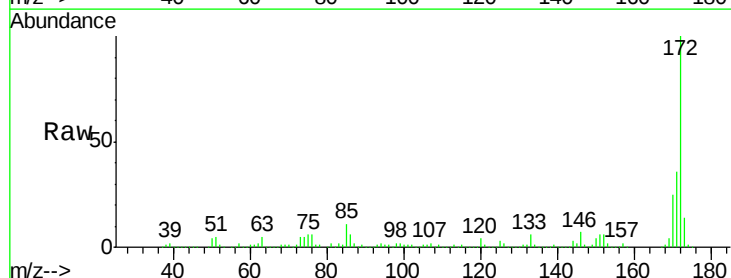


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

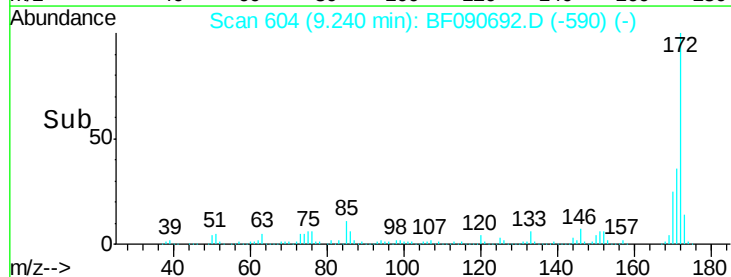
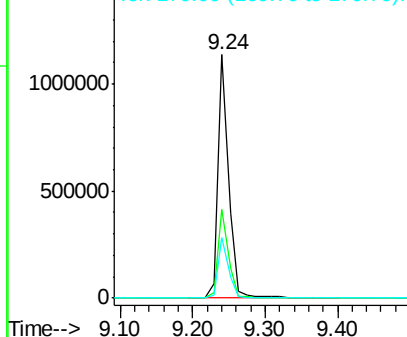


#44
 2-Fluorobiphenyl
 Concen: 65.21 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF090692.D
 Acq: 20 Oct 2016 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.1	45.1
170	24.7	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: 19.25 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF090692.D

Acq: 20 Oct 2016 19:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-17.5-18.0

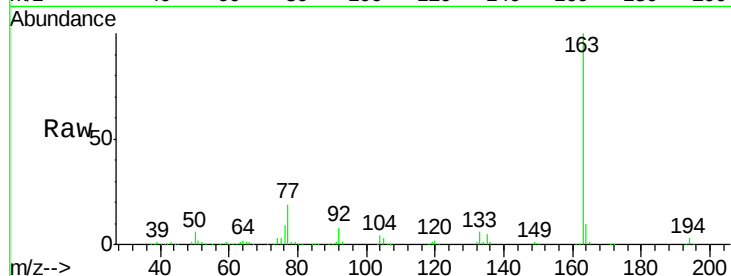
Tot Ion:163 Resp: 368464

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

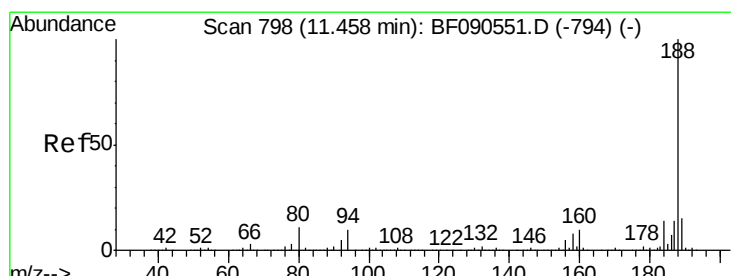
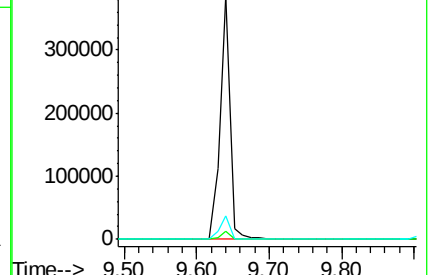
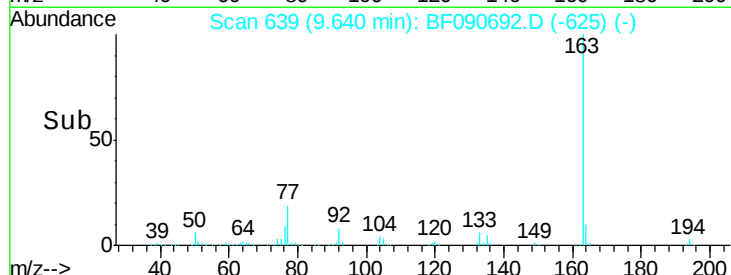
164 9.5 8.6 13.0



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: BF090692.D

Acq: 20 Oct 2016 19:48

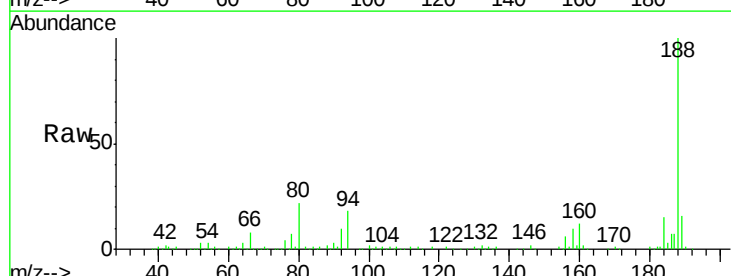
Tgt Ion:188 Resp: 380113

Ion Ratio Lower Upper

188 100

94 17.8 7.7 11.5#

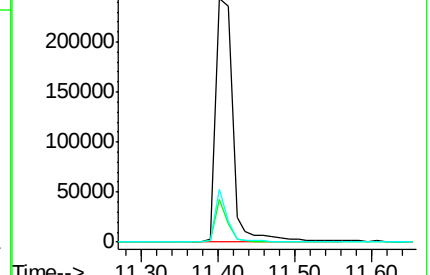
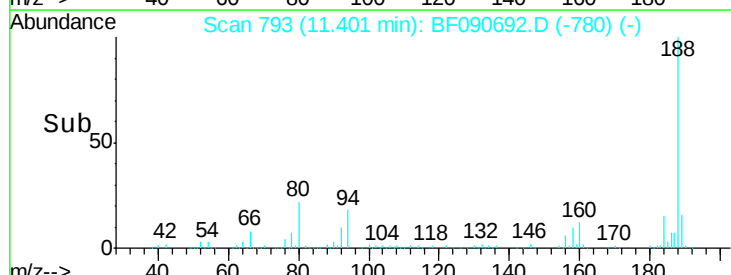
80 21.9 8.6 12.8#

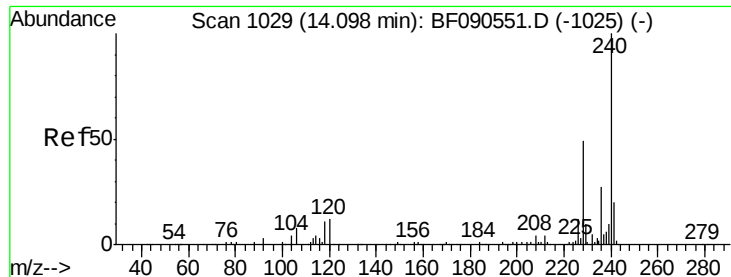


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090692.D

Acq: 20 Oct 2016 19:48

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-17.5-18.0

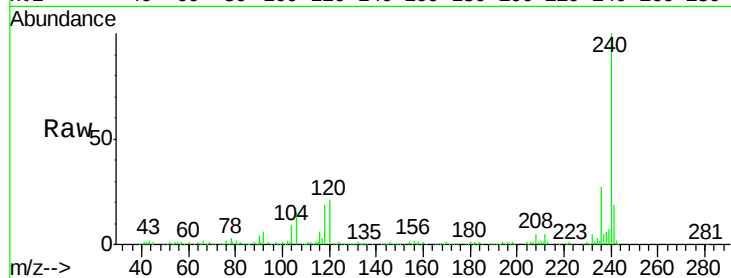
Tot Ion:240 Resp: 321228

Ion Ratio Lower Upper

240 100

120 20.8 9.8 14.8#

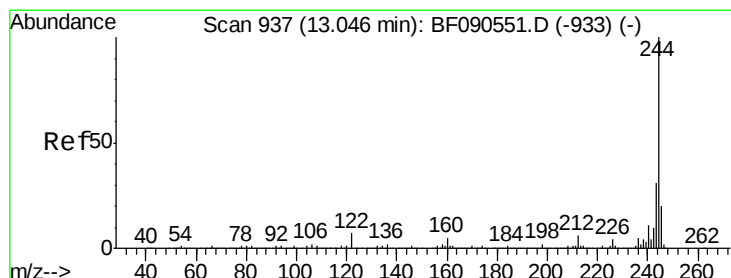
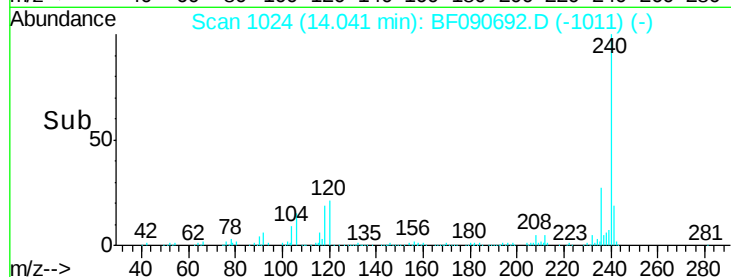
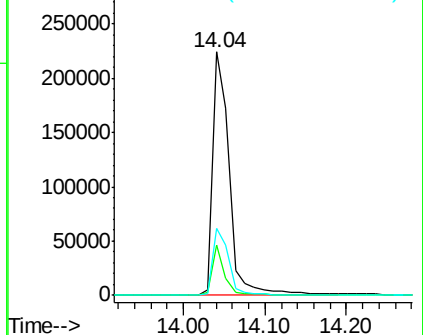
236 27.3 21.7 32.5



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: 57.01 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF090692.D

Acq: 20 Oct 2016 19:48

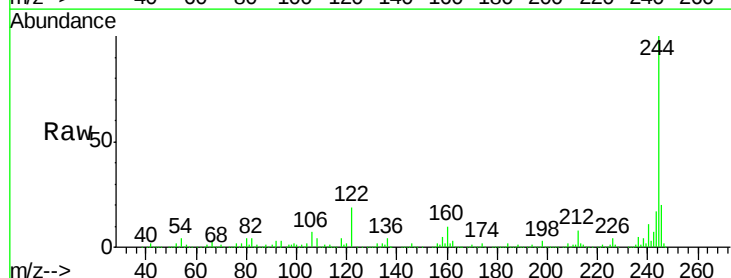
Tgt Ion:244 Resp: 786477

Ion Ratio Lower Upper

244 100

212 8.1 5.0 7.4#

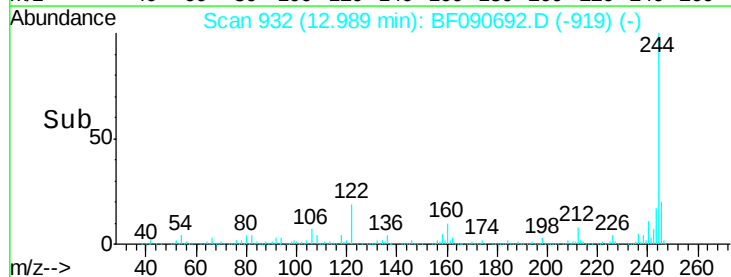
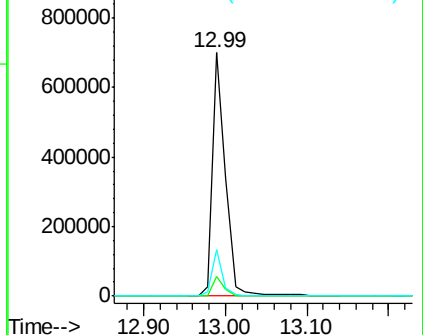
122 18.9 5.6 8.4#

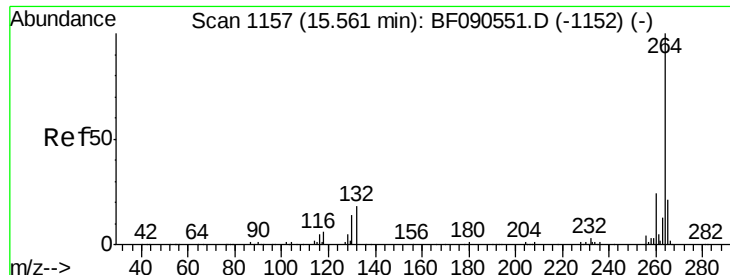


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090692.D
Acq: 20 Oct 2016 19:48

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-17.5-18.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.2	16.7	25.1

