

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090697.D
 Acq On : 20 Oct 2016 22:04
 Operator : UM/SJ
 Sample : H5343-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-15.5-16.0

Quant Time: Oct 21 09:32:48 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

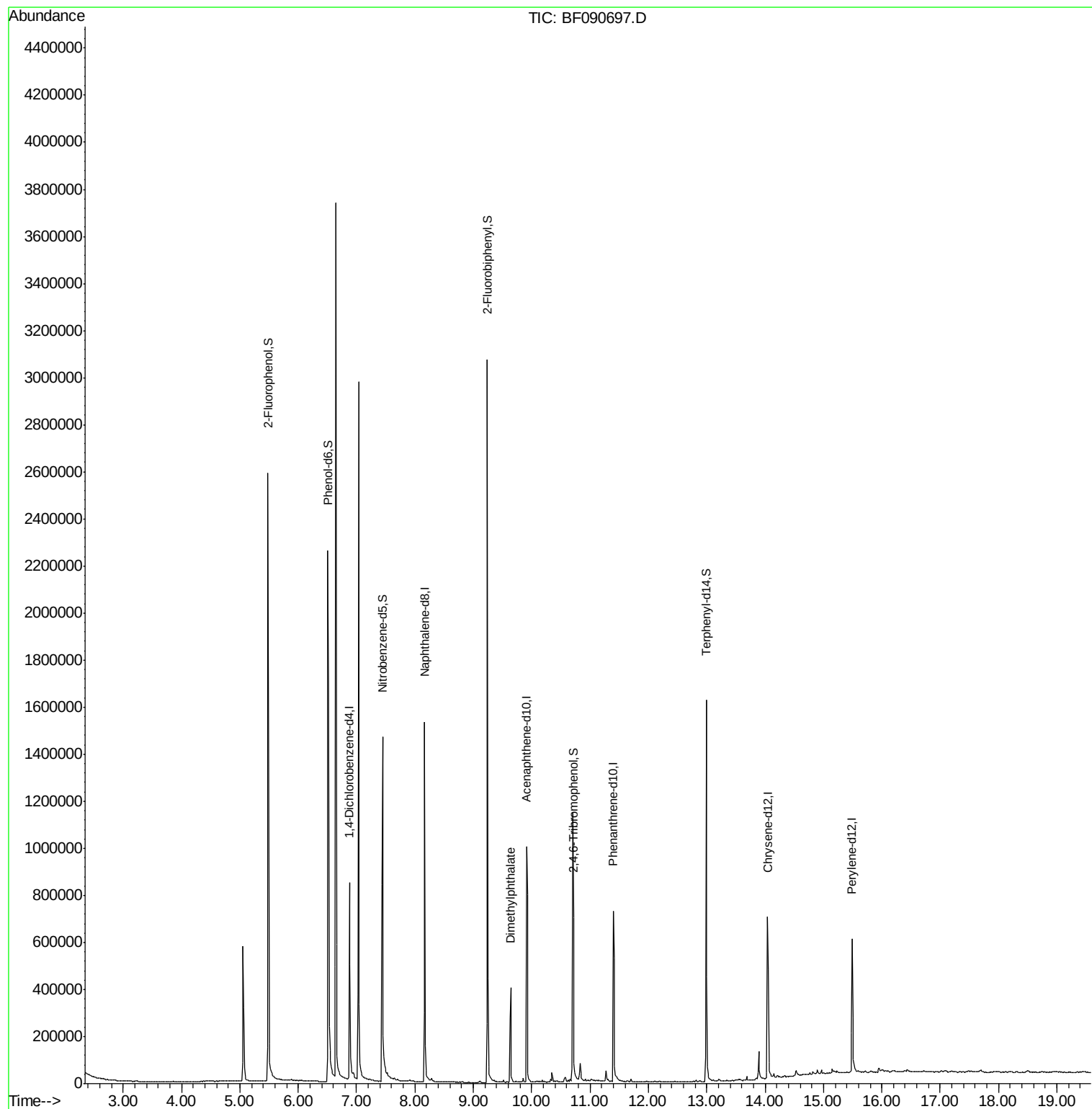
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	163041	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	693435	20.00	ng	-0.03
38) Acenaphthene-d10	9.91	164	285399	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	361859	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	309080	20.00	ng	-0.05
86) Perylene-d12	15.49	264	242055	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	887097	99.75	ng	-0.03
7) Phenol-d6	6.51	99	1155625	87.45	ng	-0.03
23) Nitrobenzene-d5	7.45	82	725181	58.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	144817	56.91	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	854318	49.32	ng	-0.03
78) Terphenyl-d14	12.99	244	494025	37.22	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.64	163	211869	11.44	ng	Qvalue # 96

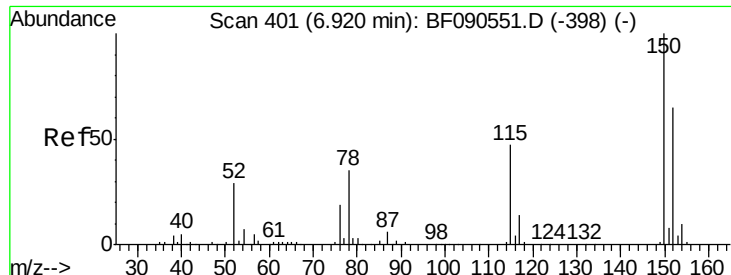
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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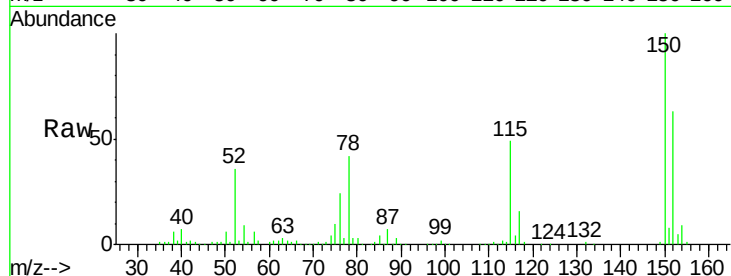


#1

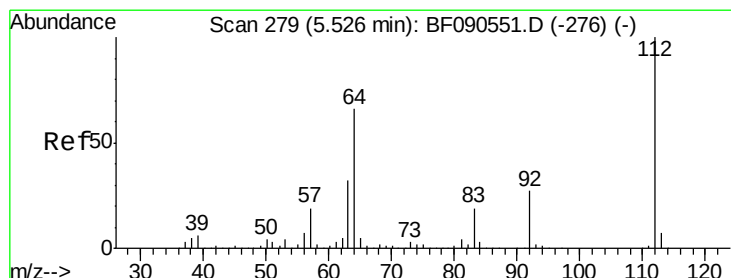
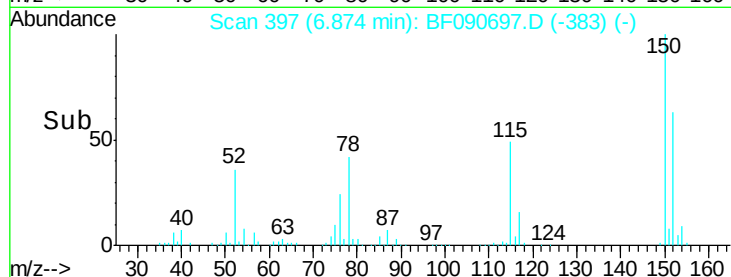
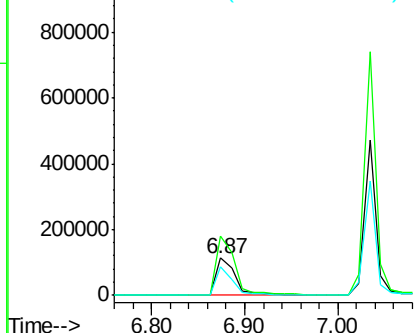
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF090697.D
Acq: 20 Oct 2016 22:04

Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-15.5-16.0

Tot Ion:152 Resp: 163041
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 77.8 58.6 88.0



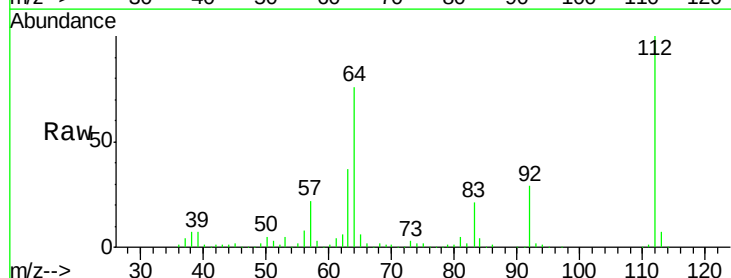
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



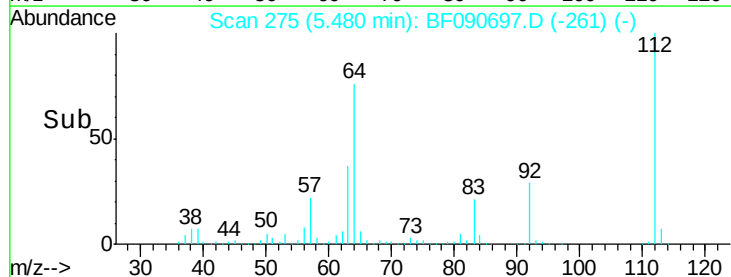
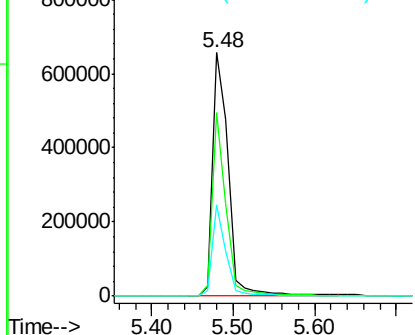
#5

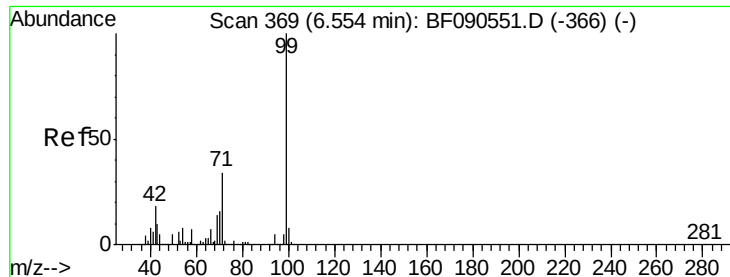
2-Fluorophenol
Concen: 99.75 ng
RT: 5.48 min Scan# 275
Delta R.T. -0.03 min
Lab File: BF090697.D
Acq: 20 Oct 2016 22:04

Tgt Ion:112 Resp: 887097
Ion Ratio Lower Upper
112 100
64 75.6 52.6 78.8
63 37.5 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: 87.45 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF090697.D

Acq: 20 Oct 2016 22:04

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

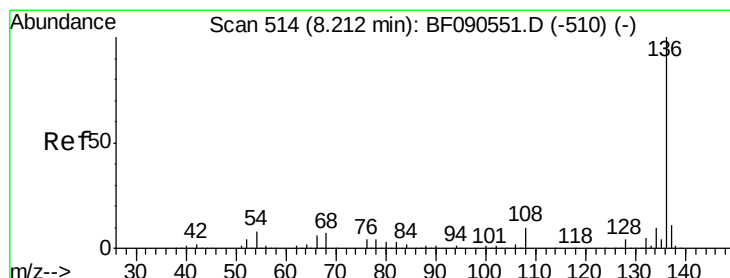
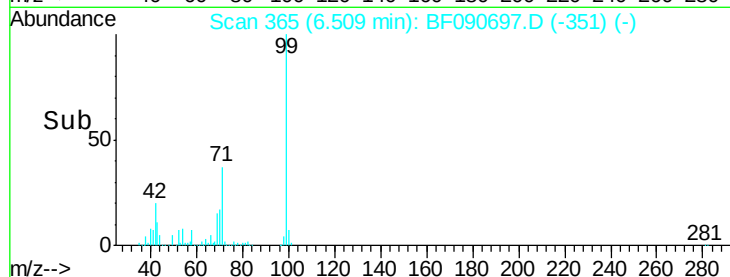
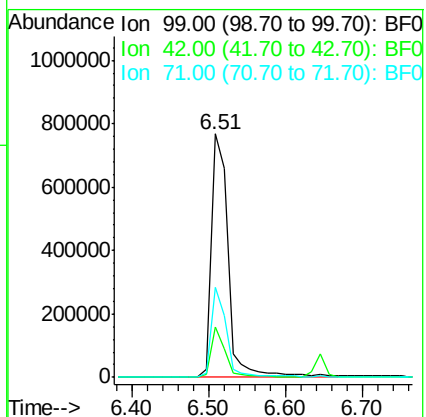
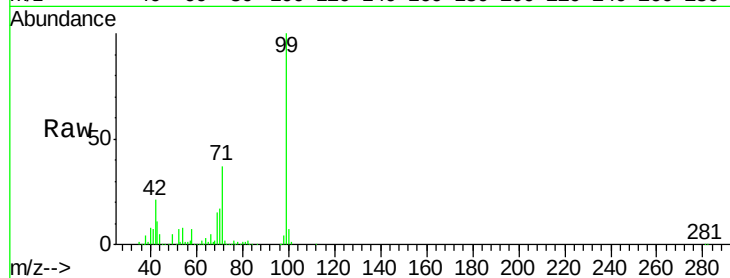
Tot Ion: 99 Resp: 1155625

Ion Ratio Lower Upper

99 100

42 20.5 14.7 22.1

71 36.8 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: BF090697.D

Acq: 20 Oct 2016 22:04

Tgt Ion: 136 Resp: 693435

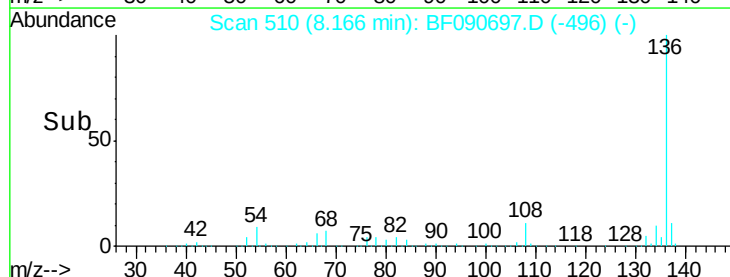
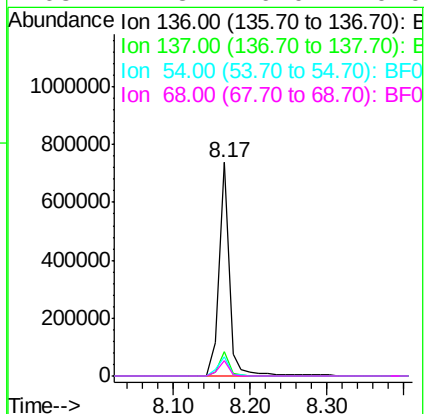
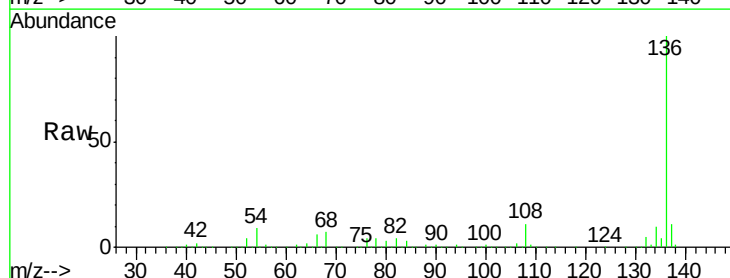
Ion Ratio Lower Upper

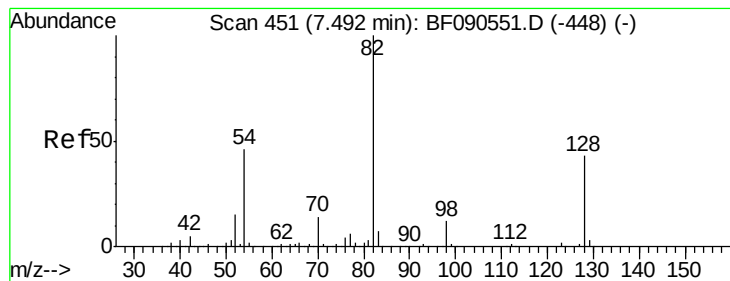
136 100

137 11.3 8.8 13.2

54 8.8 6.8 10.2

68 7.3 6.0 9.0





#23

Nitrobenzene-d5

Concen: 58.09 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF090697.D

Acq: 20 Oct 2016 22:04

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

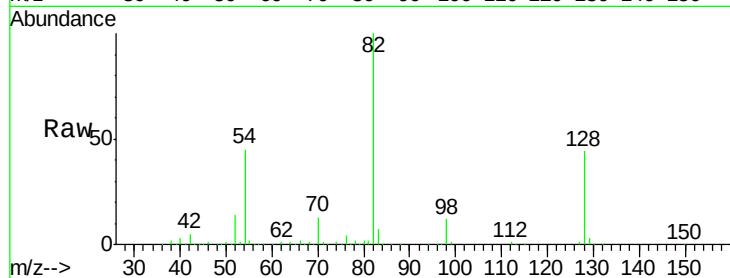
Tot Ion: 82 Resp: 725181

Ion Ratio Lower Upper

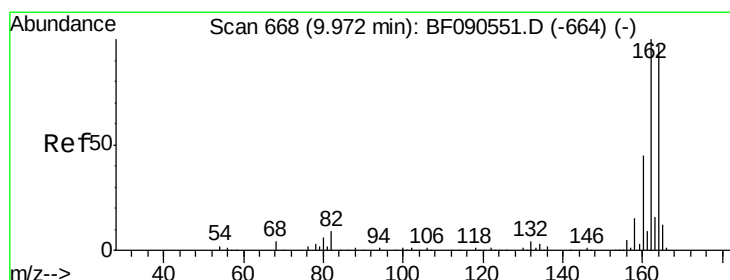
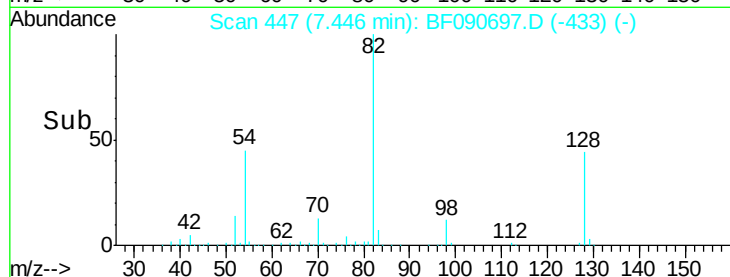
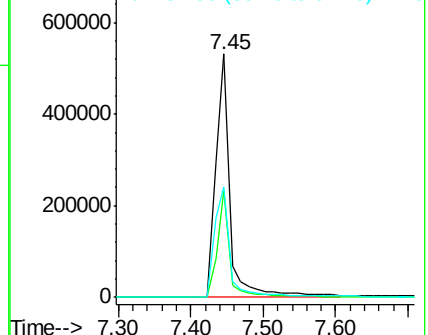
82 100

128 43.9 34.3 51.5

54 45.3 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: 9.91 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF090697.D

Acq: 20 Oct 2016 22:04

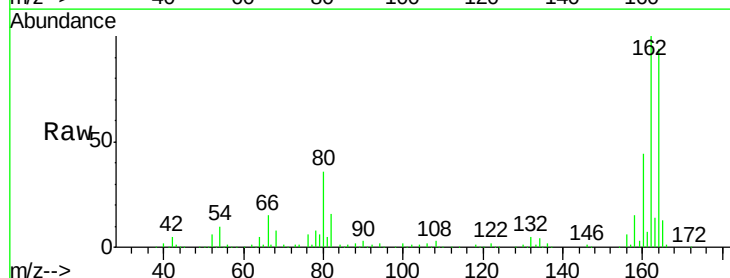
Tgt Ion:164 Resp: 285399

Ion Ratio Lower Upper

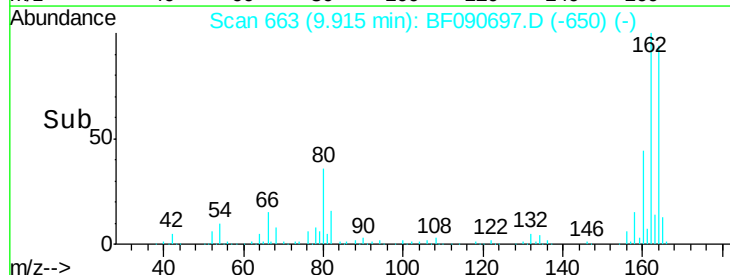
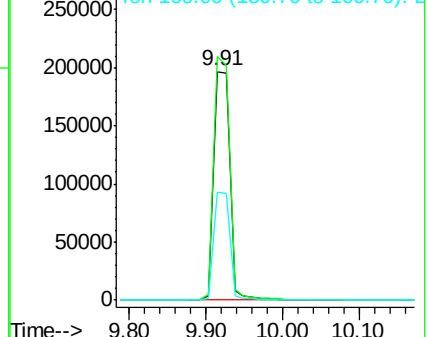
164 100

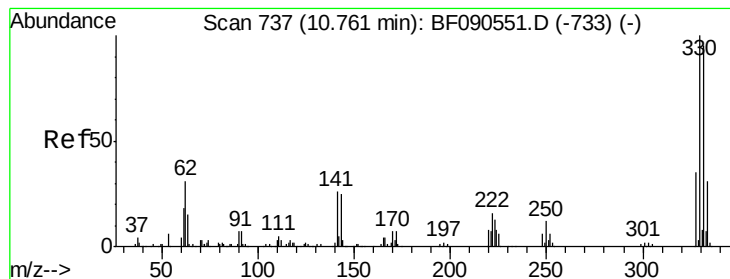
162 106.5 82.2 123.4

160 47.2 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

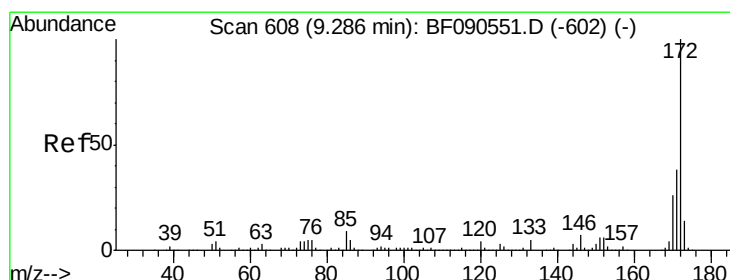
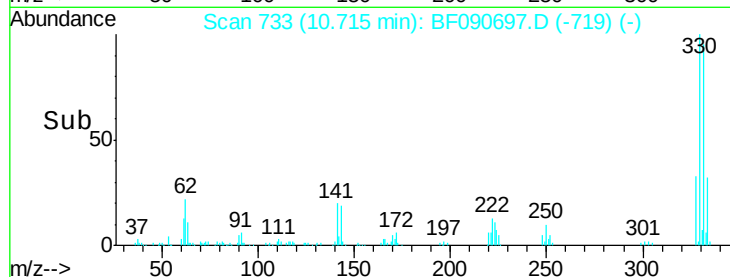
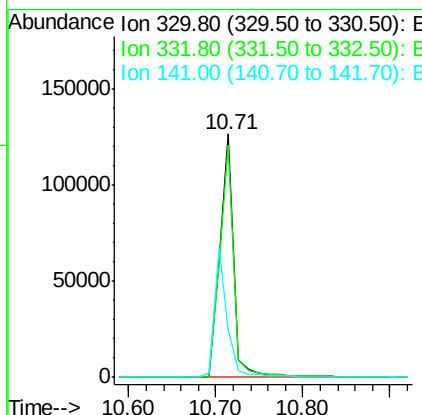
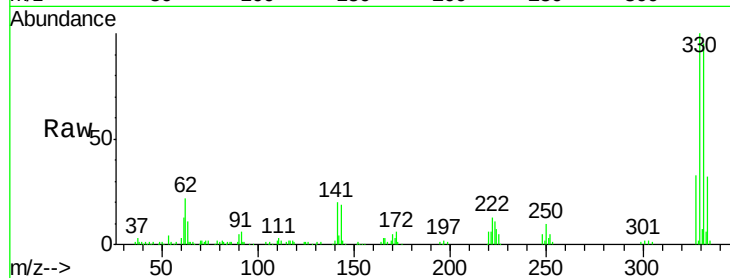




#41
 2,4,6-Tribromophenol
 Concen: 56.91 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF090697.D
 Acq: 20 Oct 2016 22:04

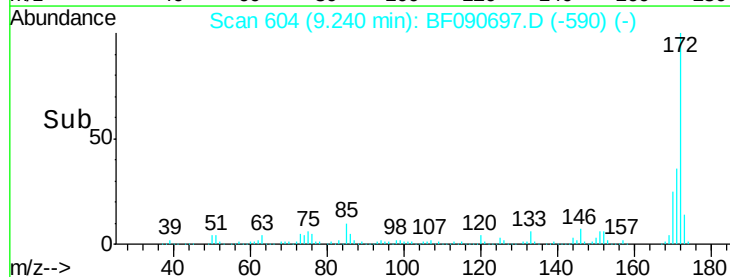
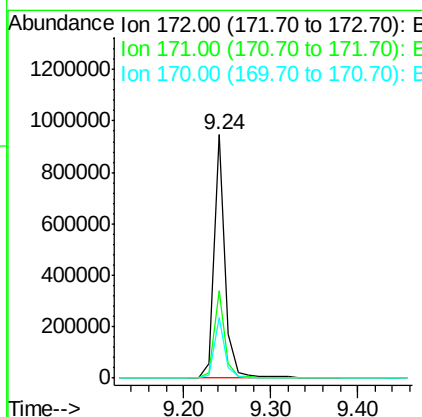
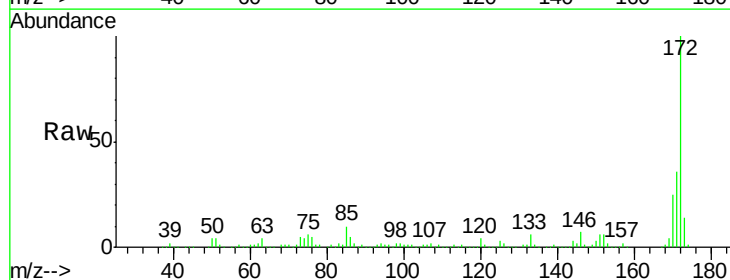
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-15.5-16.0

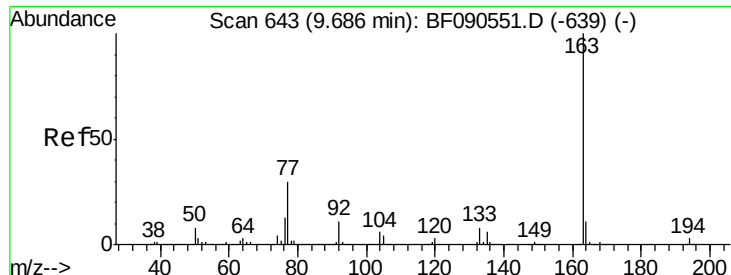
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.2
141	49.6	31.4	47.2#



#44
 2-Fluorobiphenyl
 Concen: 49.32 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF090697.D
 Acq: 20 Oct 2016 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.1	45.1
170	24.8	20.6	30.8

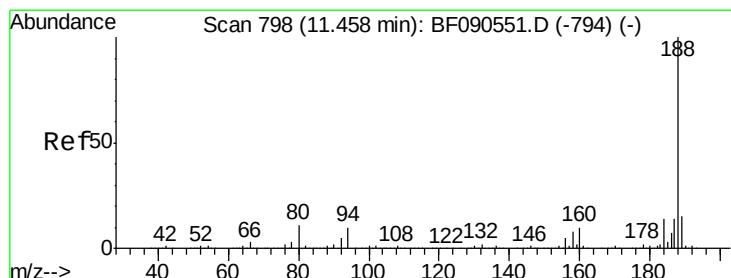
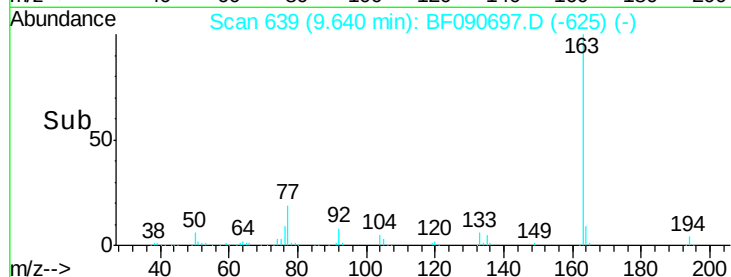
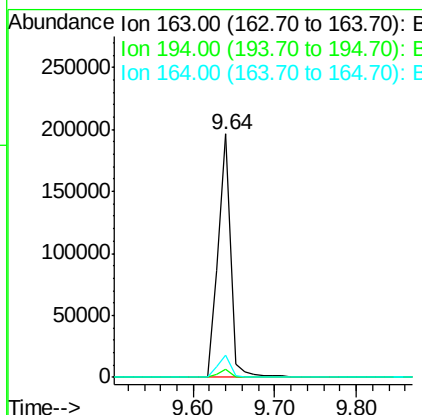
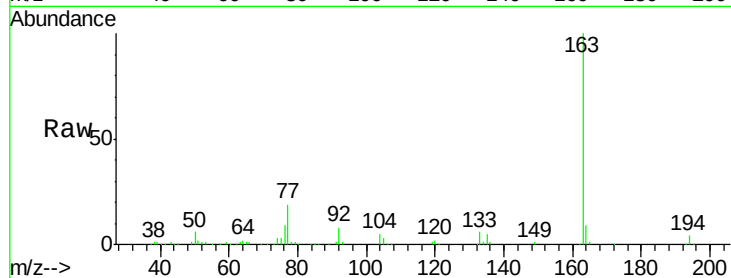




#49
Dimethylphthalate
Concen: 11.44 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF090697.D
Acq: 20 Oct 2016 22:04

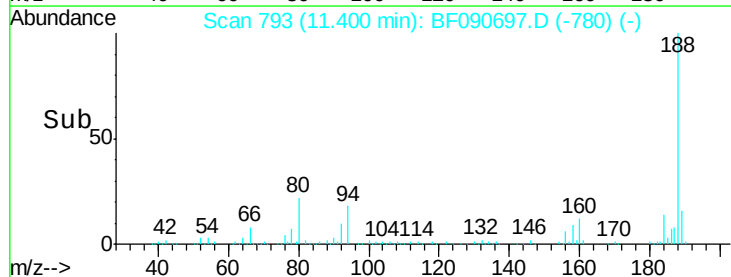
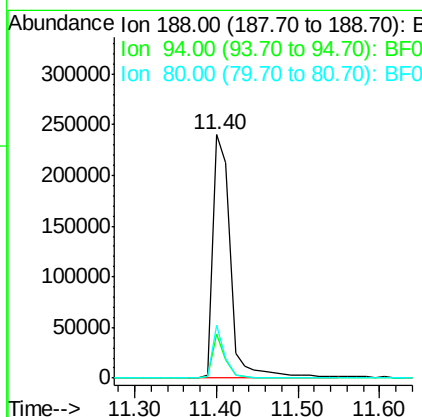
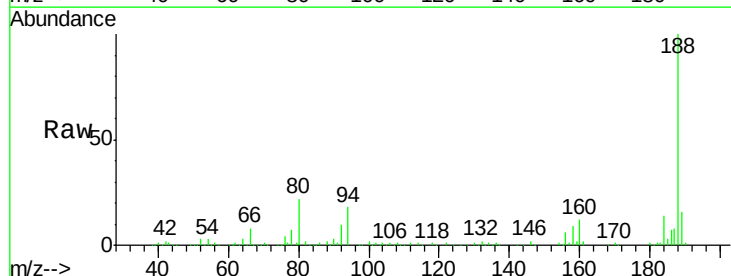
Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-15.5-16.0

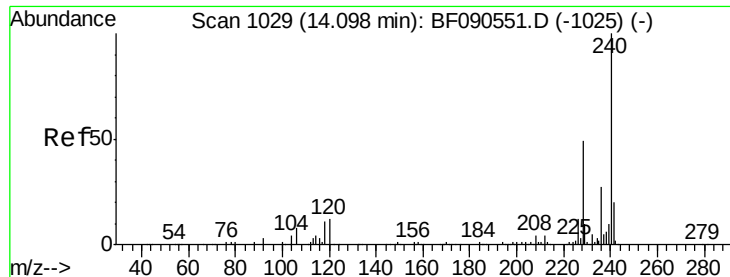
Tot Ion:163 Resp: 211869
Ion Ratio Lower Upper
163 100
194 3.5 2.3 3.5#
164 9.2 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF090697.D
Acq: 20 Oct 2016 22:04

Tgt Ion:188 Resp: 361859
Ion Ratio Lower Upper
188 100
94 18.3 7.7 11.5#
80 22.0 8.6 12.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF090697.D

Acq: 20 Oct 2016 22:04

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

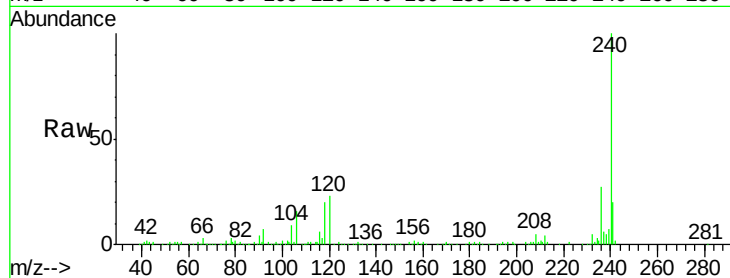
Tot Ion:240 Resp: 309080

Ion Ratio Lower Upper

240 100

120 22.9 9.8 14.8#

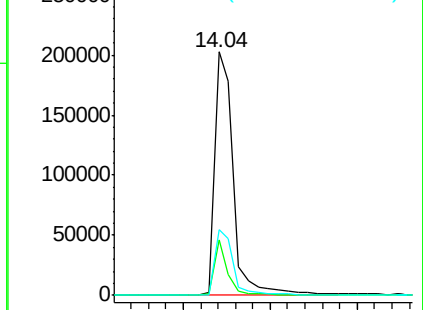
236 26.9 21.7 32.5



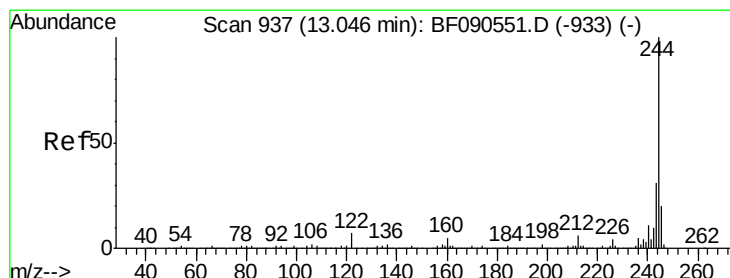
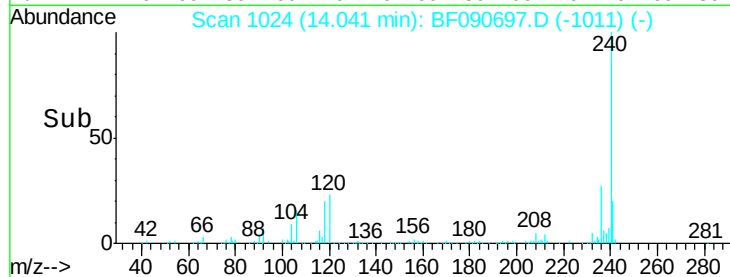
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 37.22 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF090697.D

Acq: 20 Oct 2016 22:04

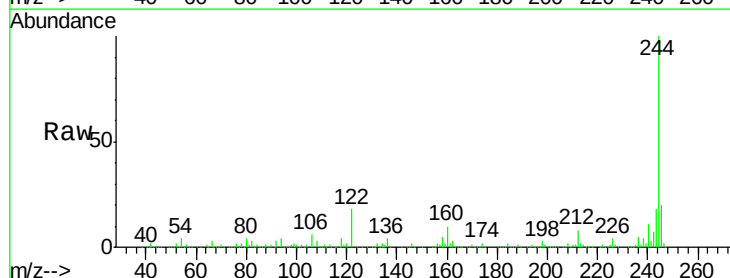
Tgt Ion:244 Resp: 494025

Ion Ratio Lower Upper

244 100

212 8.1 5.0 7.4#

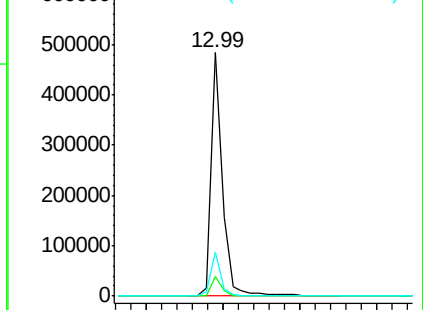
122 18.1 5.6 8.4#



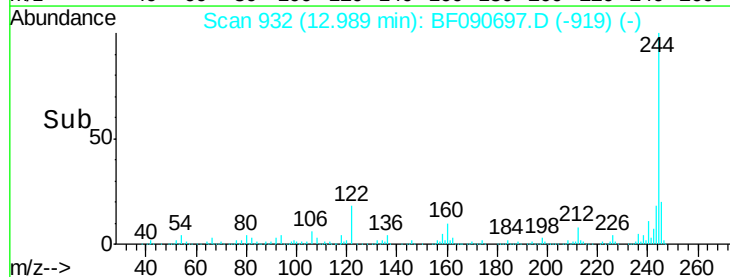
Abundance Ion 244.00 (243.70 to 244.70): E

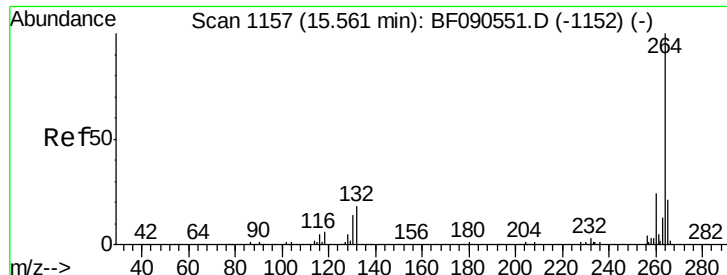
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF090697.D
 Acq: 20 Oct 2016 22:04

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-15.5-16.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.5	16.7	25.1

