

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090781.D
 Acq On : 22 Oct 2016 23:49
 Operator : UM/SJ
 Sample : H5343-12
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB07-12.0-12.5

Quant Time: Oct 24 03:34:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

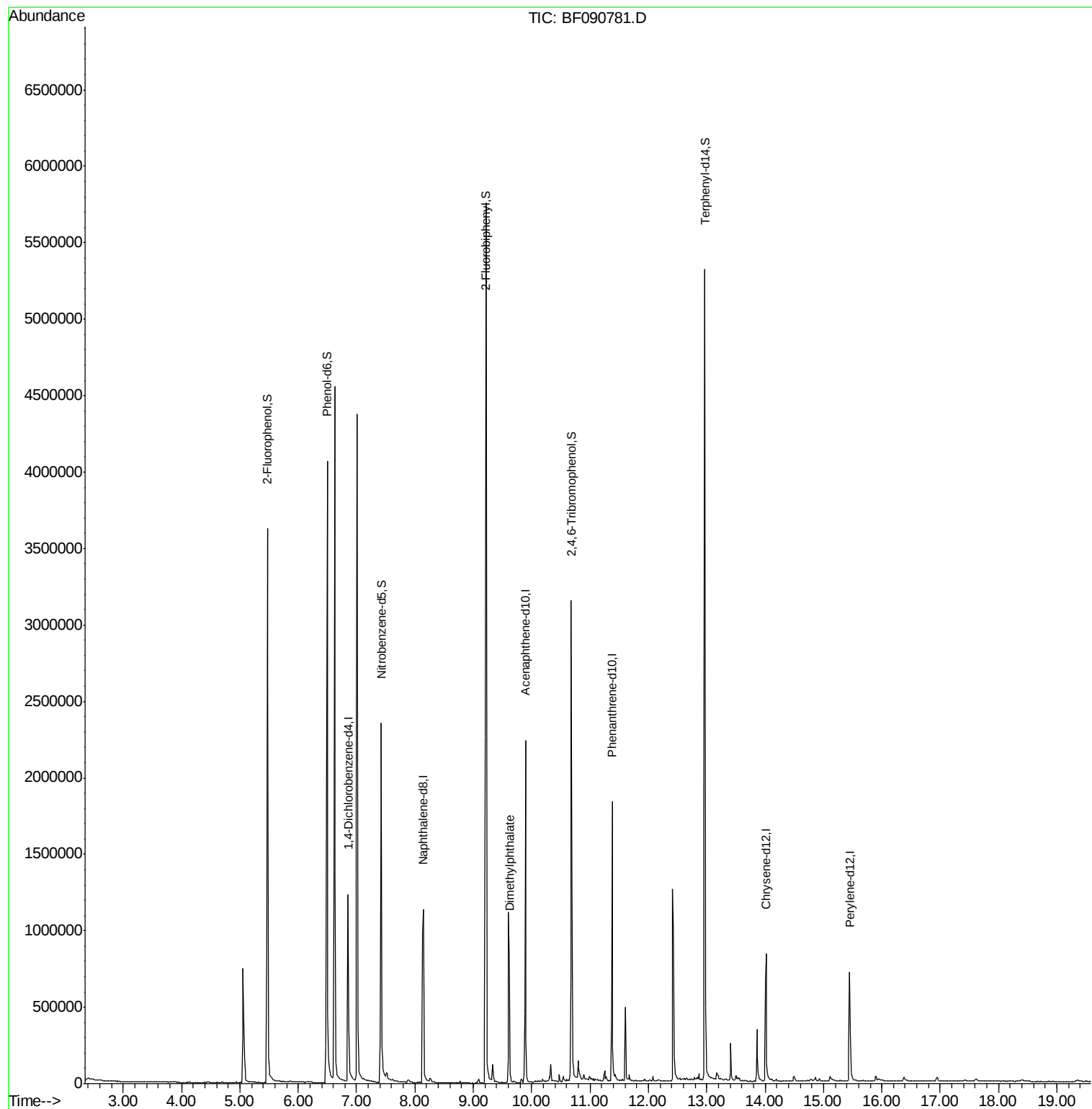
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	217243	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	880388	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	485903	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	748872	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	449629	20.00	ng	0.00
86) Perylene-d12	15.45	264	336426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1641342	121.85	ng	0.01
7) Phenol-d6	6.50	99	1980708	108.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	1331672	82.96	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	528364	137.38	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2174552	69.47	ng	-0.01
78) Terphenyl-d14	12.97	244	1833587	93.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	731107	23.94	ng	Qvalue # 97

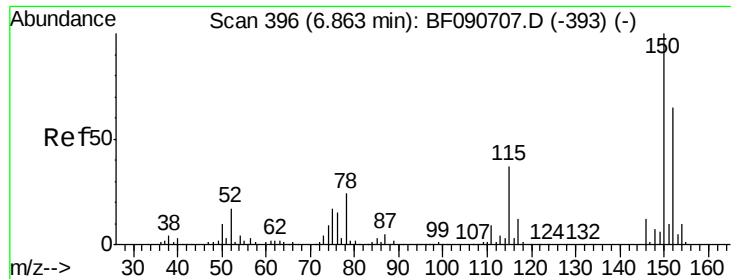
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB07-12.0-12.5

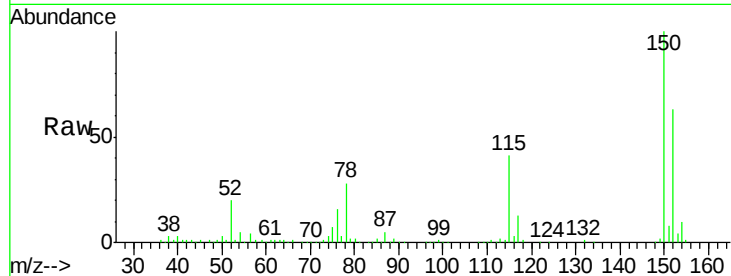
Tot Ion:152 Resp: 217243

Ion Ratio Lower Upper

152 100

150 157.9 124.7 187.1

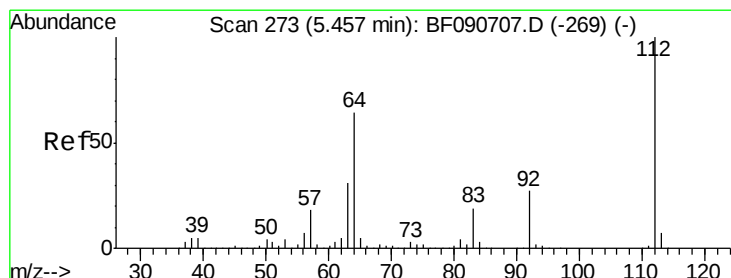
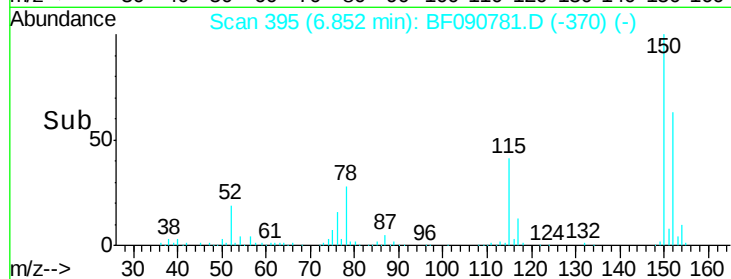
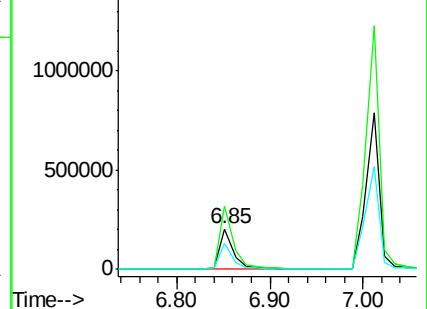
115 65.5 39.0 58.4#



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: 121.85 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

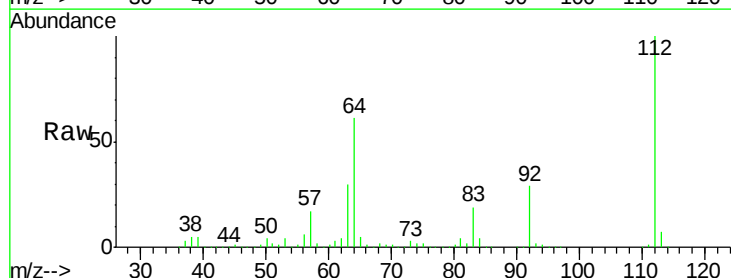
Tgt Ion:112 Resp: 1641342

Ion Ratio Lower Upper

112 100

64 61.2 39.7 59.5#

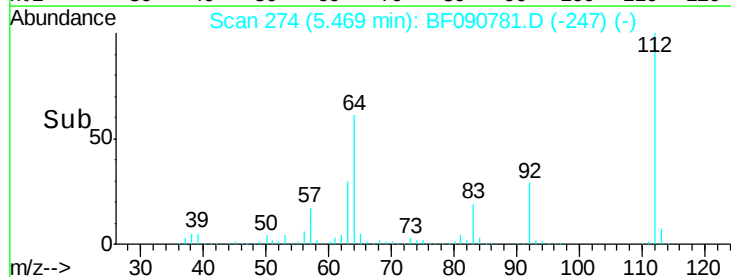
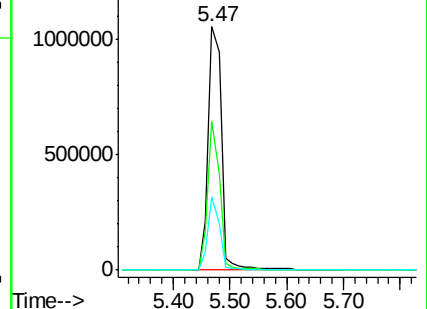
63 30.2 17.4 26.0#

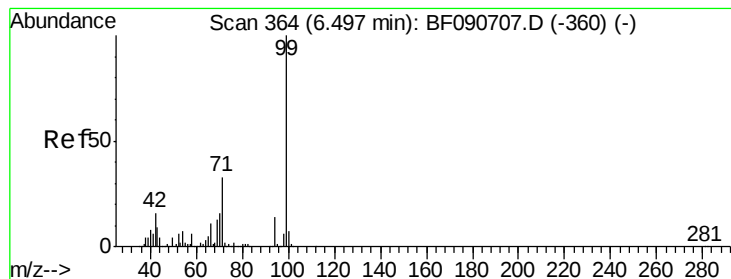


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.56 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB07-12.0-12.5

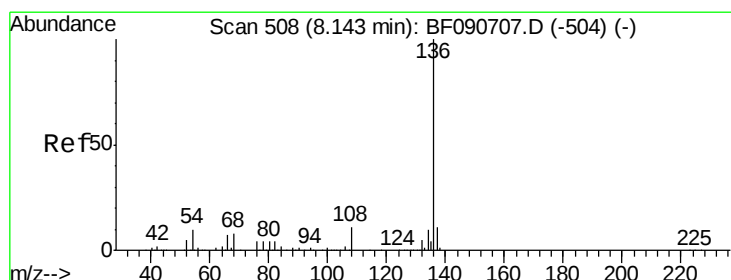
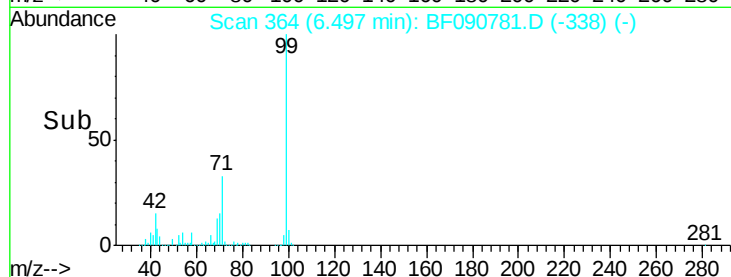
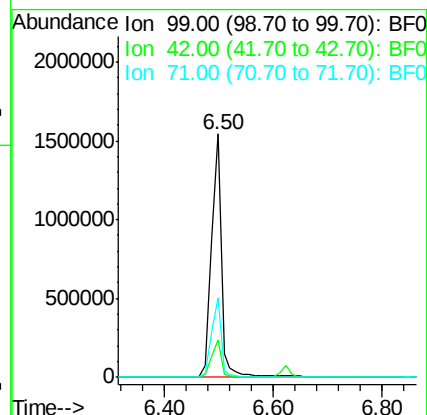
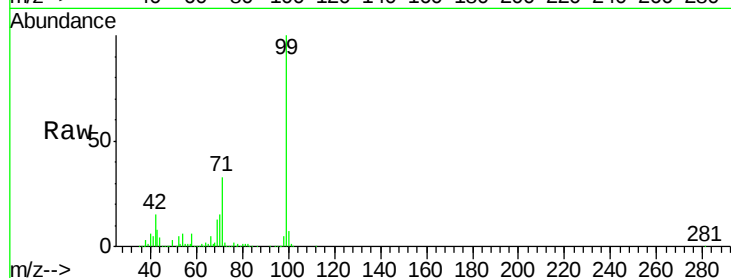
Tot Ion: 99 Resp: 1980708

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

71 32.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Tgt Ion: 136 Resp: 880388

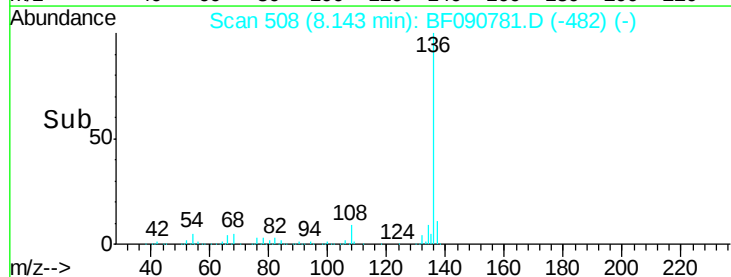
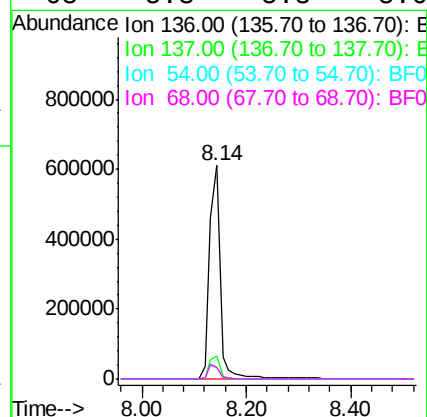
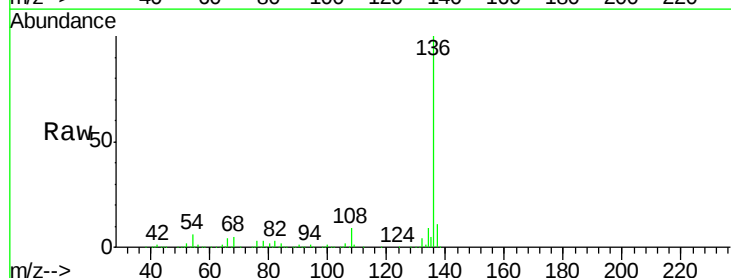
Ion Ratio Lower Upper

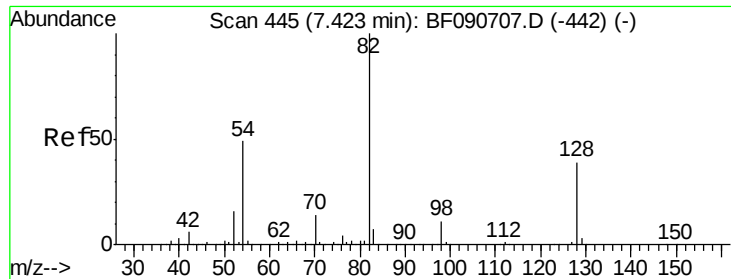
136 100

137 10.6 9.0 13.6

54 5.5 8.2 12.2#

68 5.3 5.8 8.6#

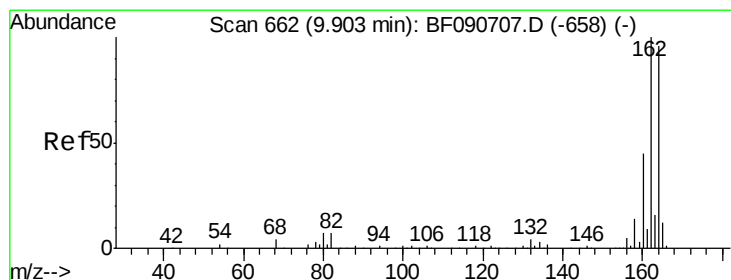
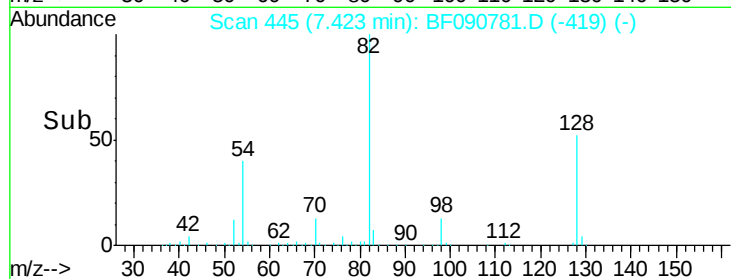
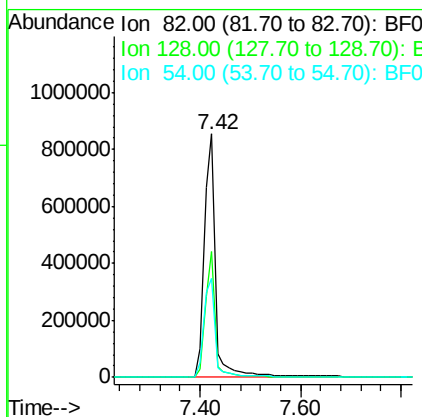
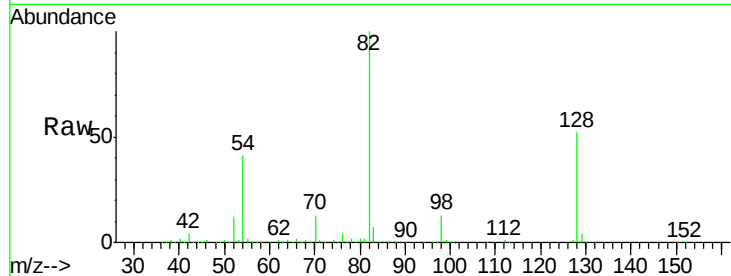




#23
 Nitrobenzene-d5
 Concen: 82.96 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

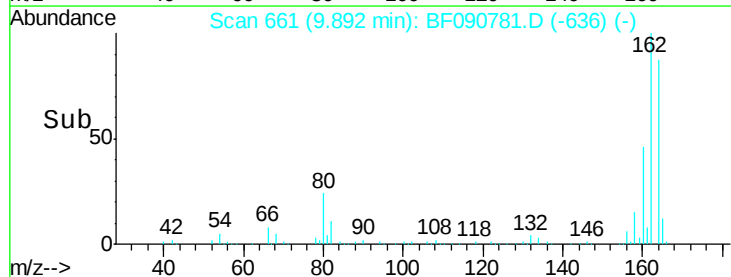
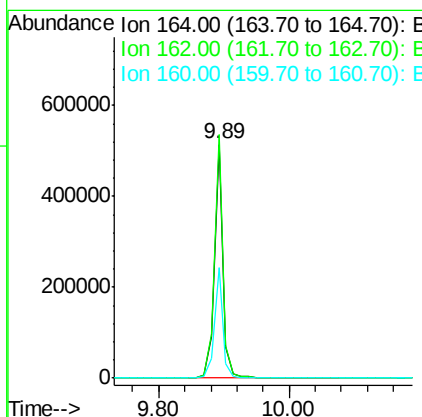
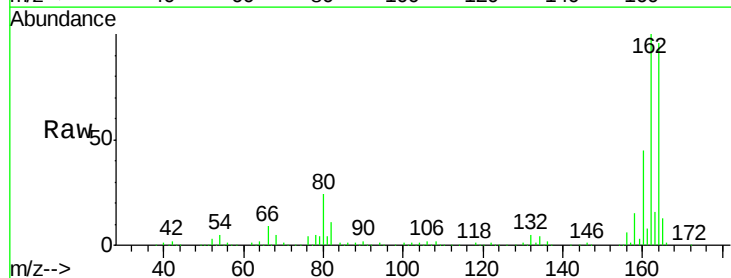
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB07-12.0-12.5

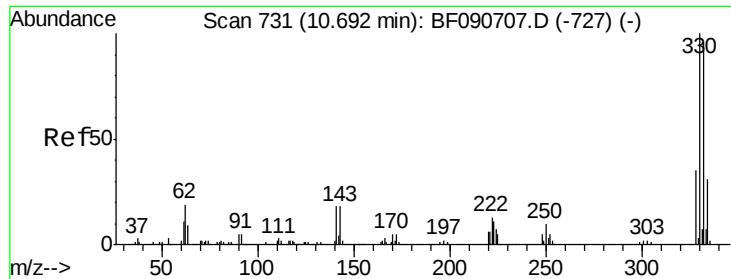
Tot Ion: 82 Resp: 1331672
 Ion Ratio Lower Upper
 82 100
 128 51.8 51.0 76.6
 54 40.5 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

Tgt Ion:164 Resp: 485903
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 47.2 31.5 47.3

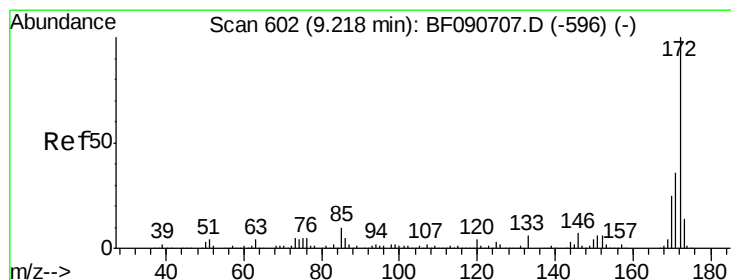
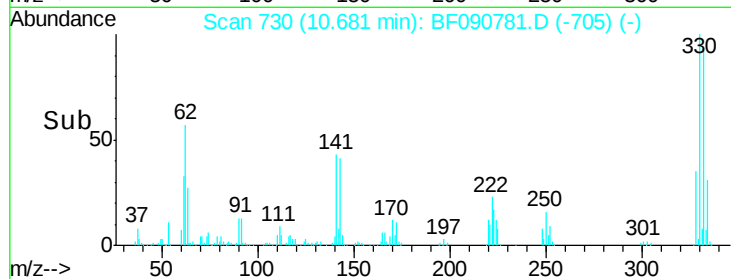
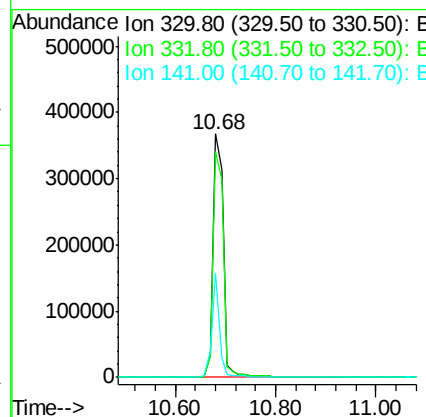
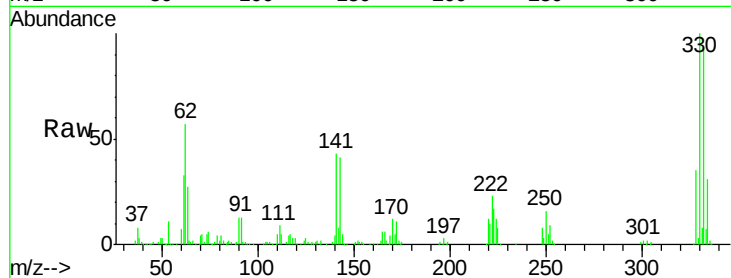




#41
 2,4,6-Tribromophenol
 Concen: 137.38 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

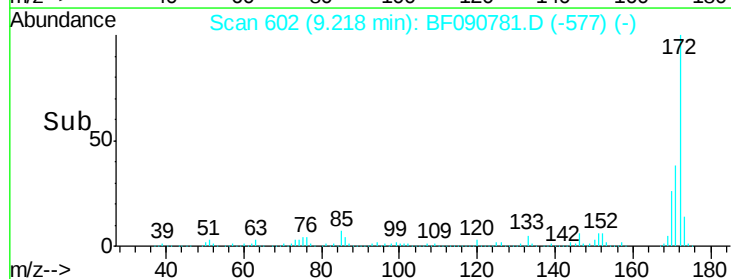
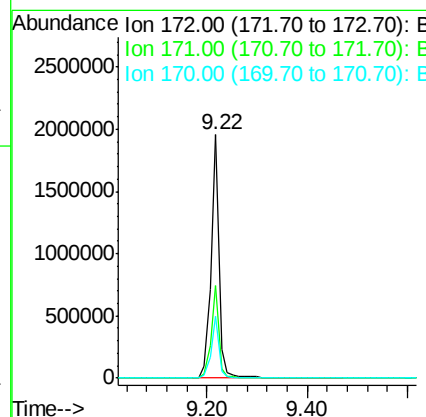
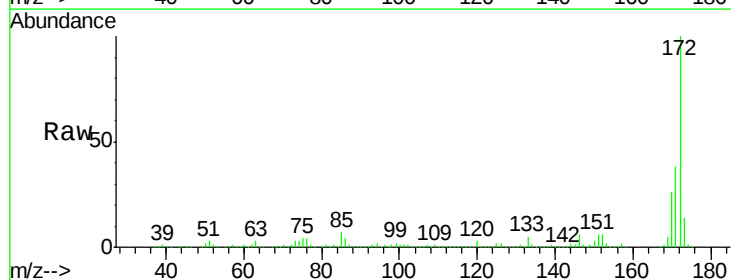
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB07-12.0-12.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	114.8
141	32.5	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 69.47 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	26.1	39.1
170	25.5	17.4	26.2

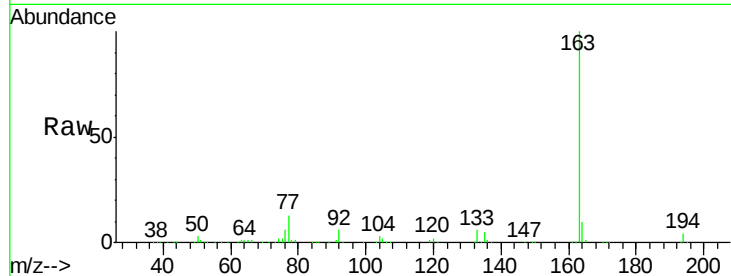




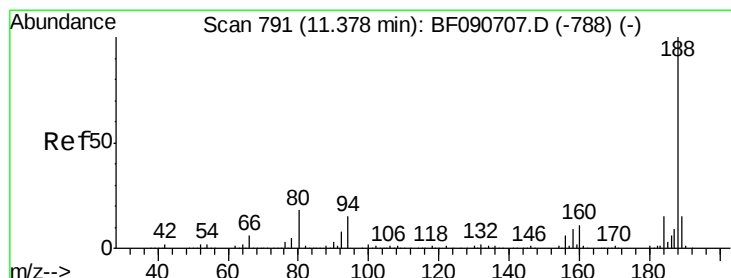
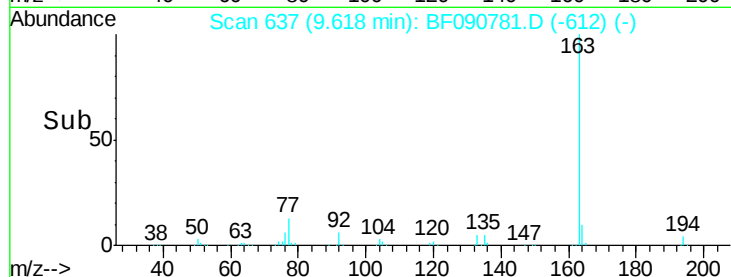
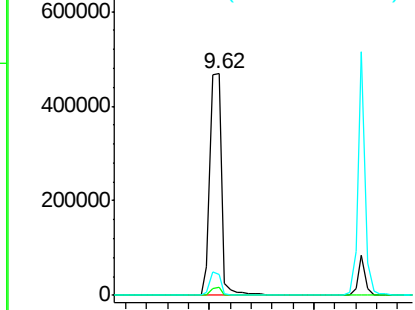
#49
Dimethylphthalate
Concen: 23.94 ng
RT: 9.62 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF090781.D
Acq: 22 Oct 2016 23:49

Instrument :
BNA_F
ClientSampleId :
RMAB-SB07-12.0-12.5

Tot Ion:163 Resp: 731107
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.7 8.3 12.5

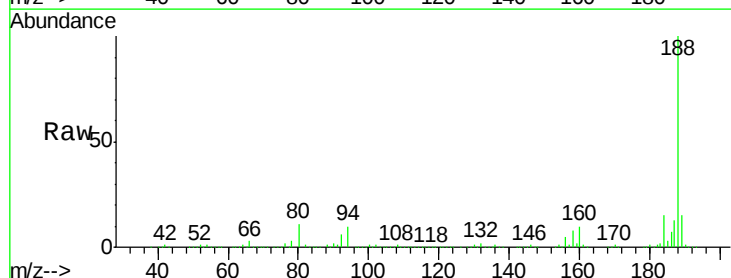


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

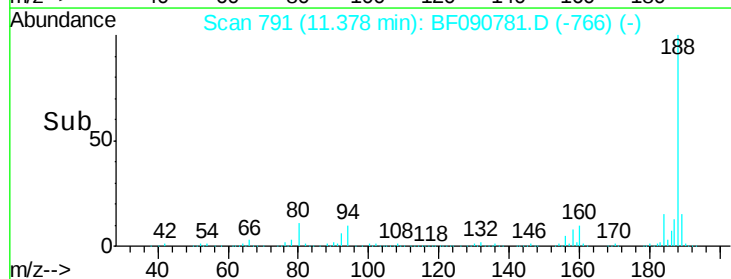
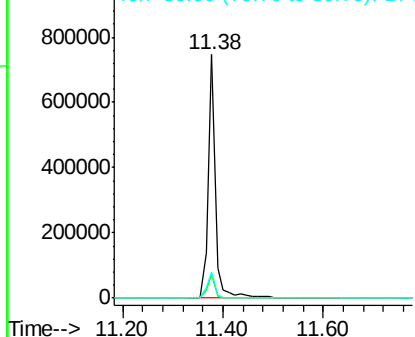


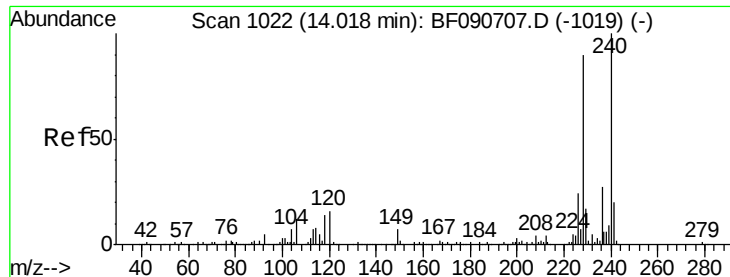
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090781.D
Acq: 22 Oct 2016 23:49

Tgt Ion:188 Resp: 748872
Ion Ratio Lower Upper
188 100
94 9.8 11.1 16.7#
80 10.8 11.0 16.4#



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: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB07-12.0-12.5

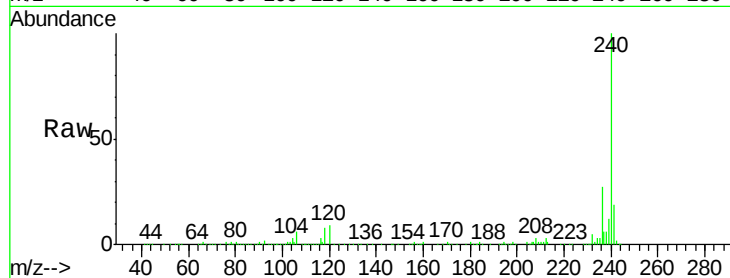
Tot Ion:240 Resp: 449629

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

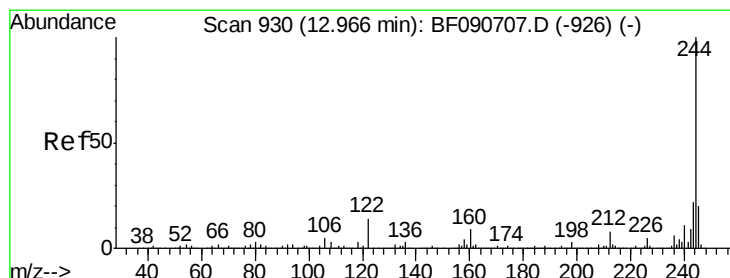
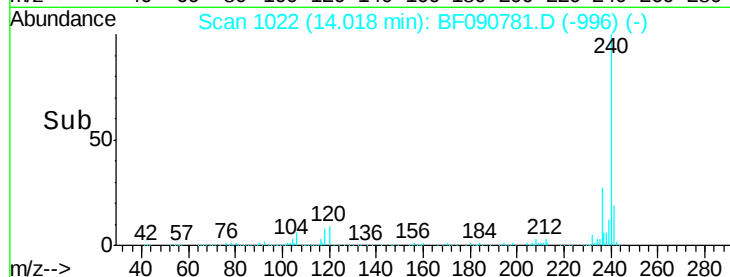
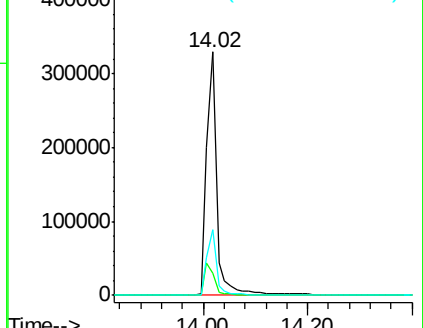
236 26.7 18.4 27.6



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: 93.46 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

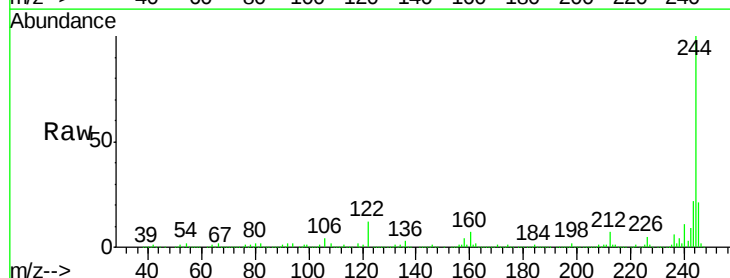
Tgt Ion:244 Resp: 1833587

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

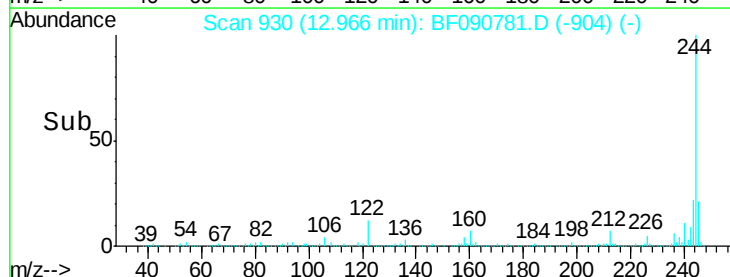
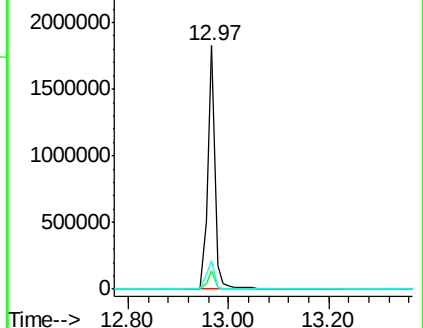
122 11.5 17.4 26.2#

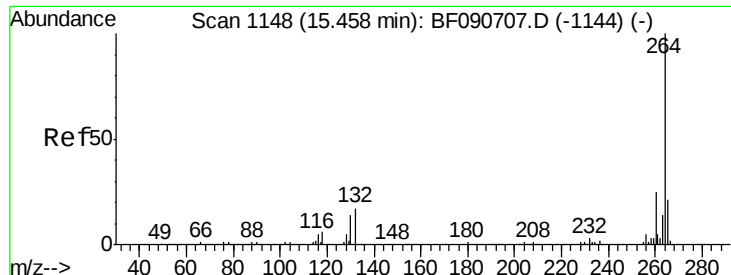


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

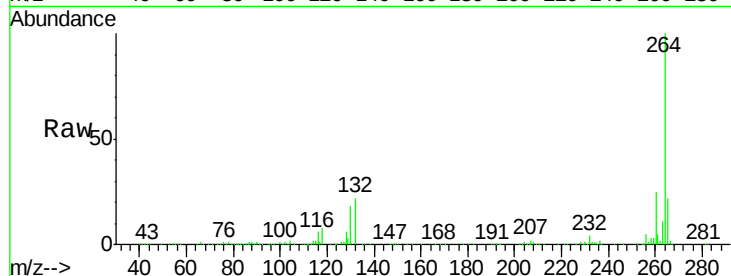




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB07-12.0-12.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.7	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

