

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090778.D
 Acq On : 22 Oct 2016 22:27
 Operator : UM/SJ
 Sample : H5343-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

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

Quant Time: Oct 24 03:29:07 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

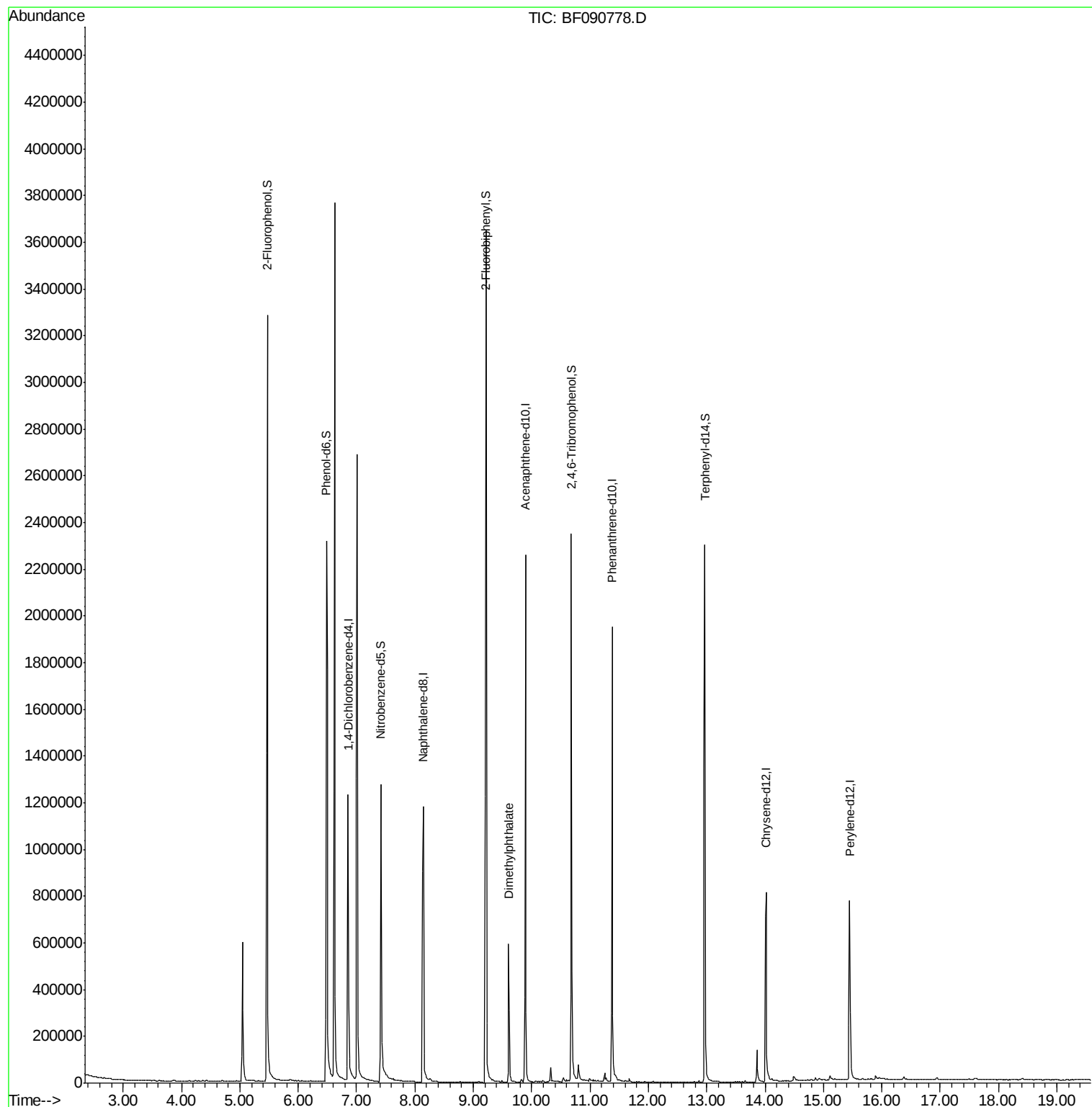
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	226040	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	887614	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	486878	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	765119	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	465494	20.00	ng	0.00
86) Perylene-d12	15.45	264	358876	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1111428	79.30	ng	0.01
7) Phenol-d6	6.49	99	1379384	72.66	ng	-0.01
23) Nitrobenzene-d5	7.41	82	791962	48.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	307822	79.88	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1339374	42.70	ng	-0.01
78) Terphenyl-d14	12.97	244	984517	48.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	327367	10.70	ng	# 97

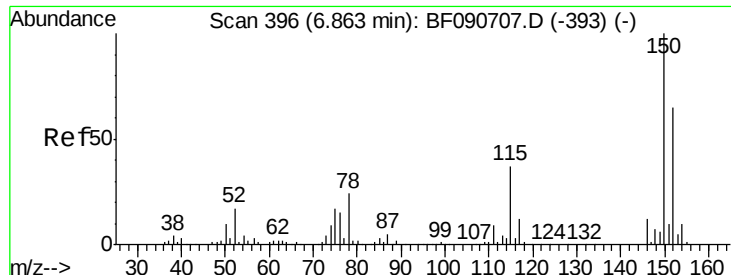
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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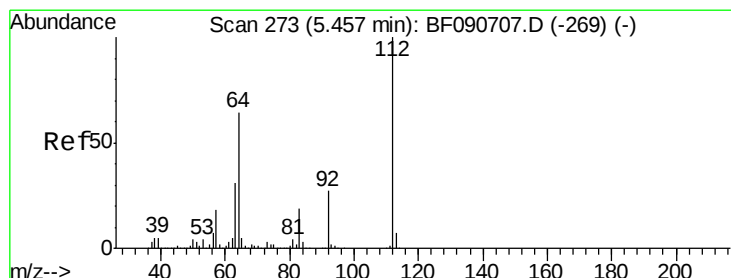
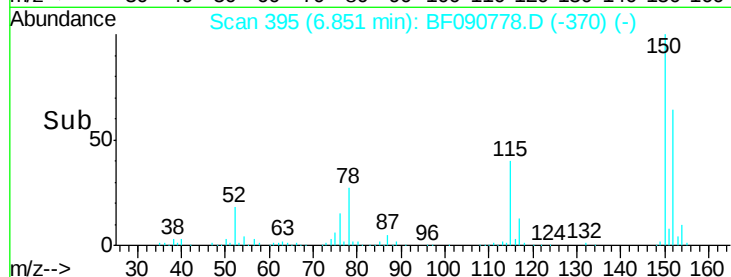
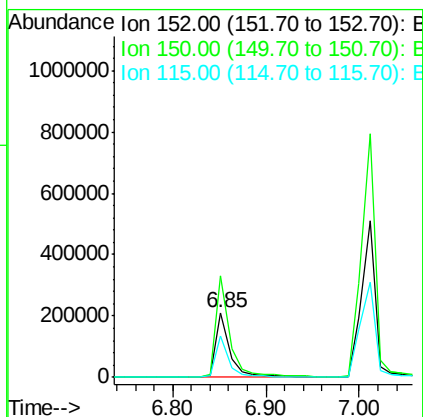
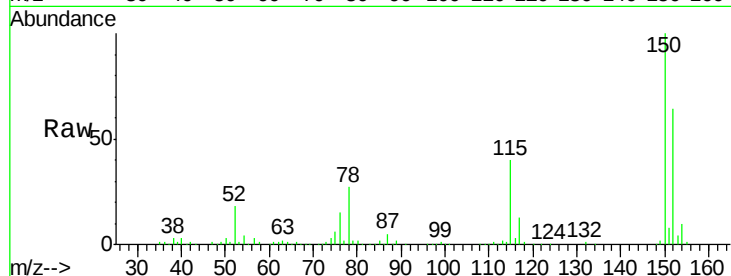


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

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

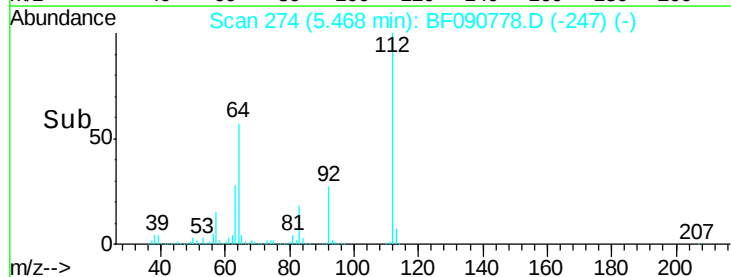
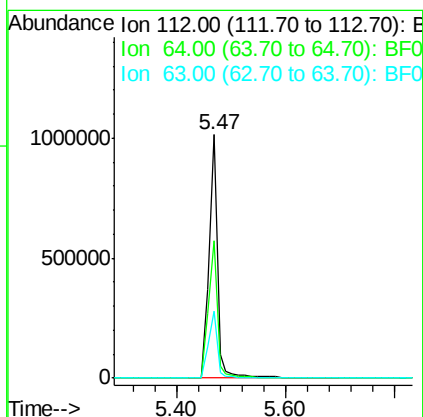
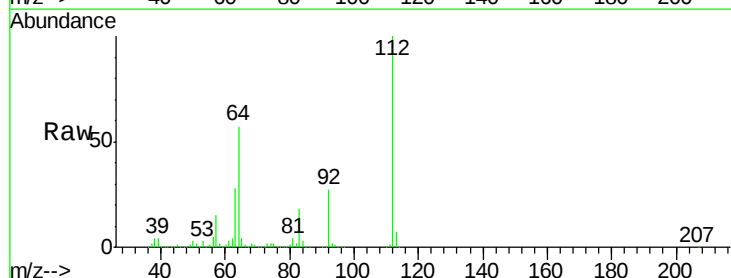
Tot Ion:152 Resp: 226040
Ion Ratio Lower Upper
152 100
150 156.9 124.7 187.1
115 63.1 39.0 58.4#



#5

2-Fluorophenol
Concen: 79.30 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

Tgt Ion:112 Resp: 1111428
Ion Ratio Lower Upper
112 100
64 56.5 39.7 59.5
63 27.6 17.4 26.0#





#7

Phenol-d6

Concen: 72.66 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

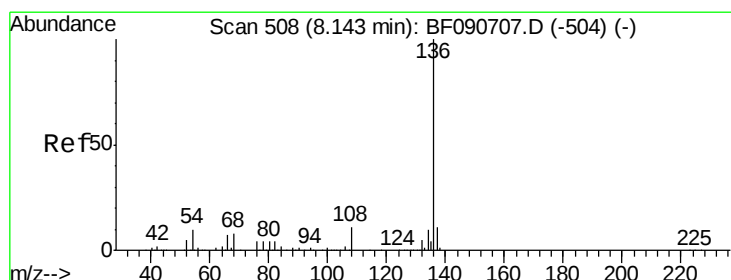
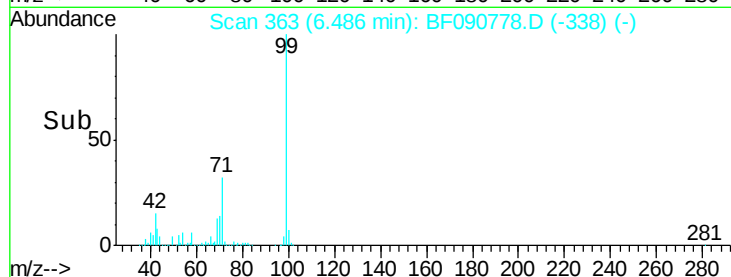
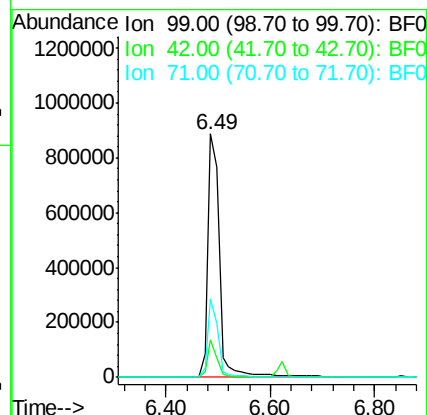
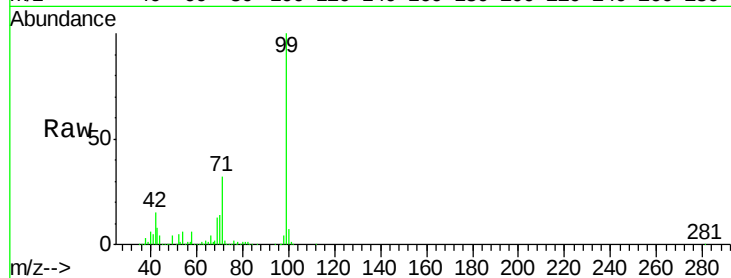
Tot Ion: 99 Resp: 1379384

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

71 32.3 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: BF090778.D

Acq: 22 Oct 2016 22:27

Tgt Ion: 136 Resp: 887614

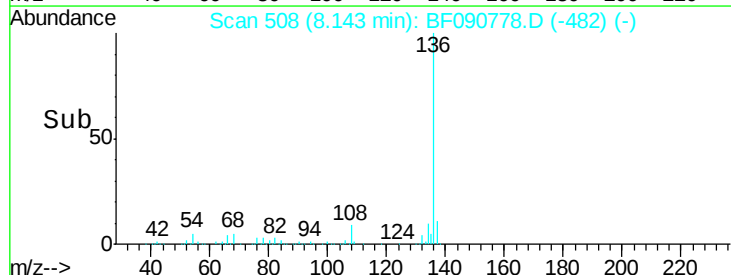
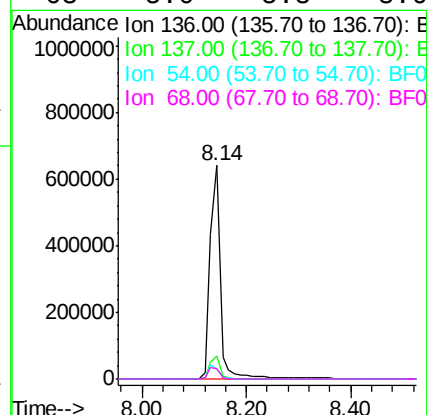
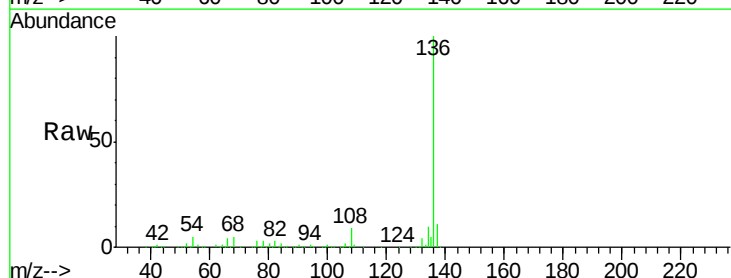
Ion Ratio Lower Upper

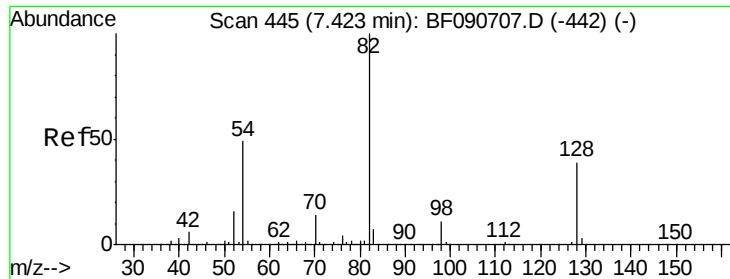
136 100

137 11.0 9.0 13.6

54 5.0 8.2 12.2#

68 5.0 5.8 8.6#

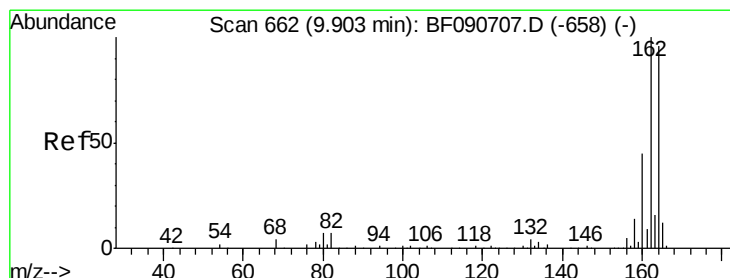
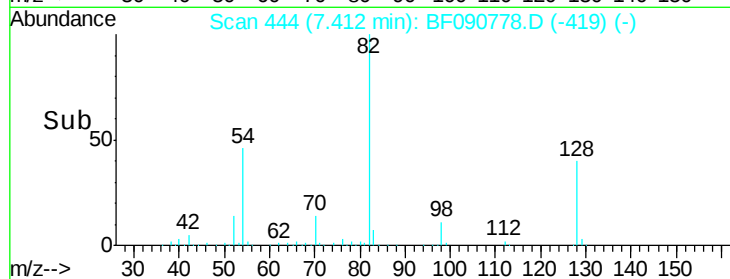
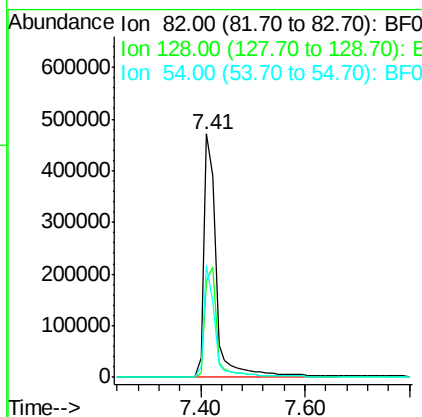
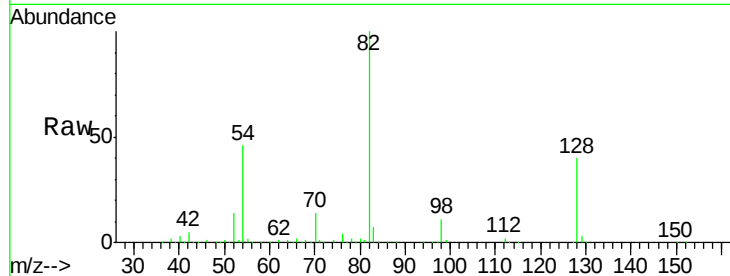




#23
Nitrobenzene-d5
Concen: 48.94 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

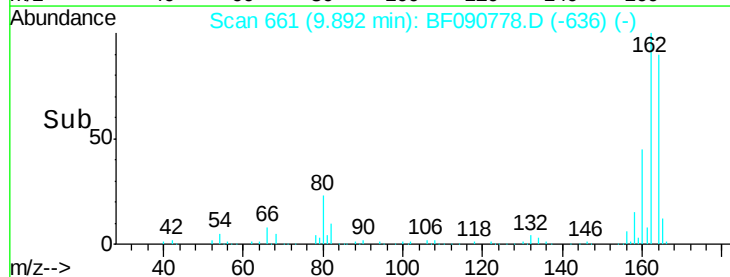
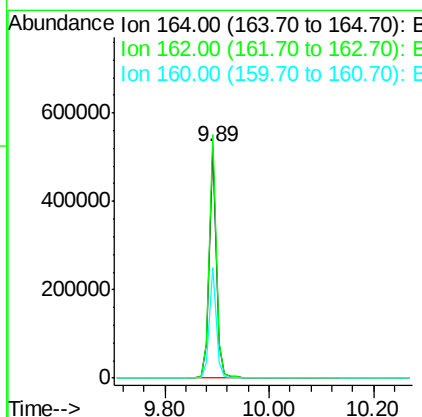
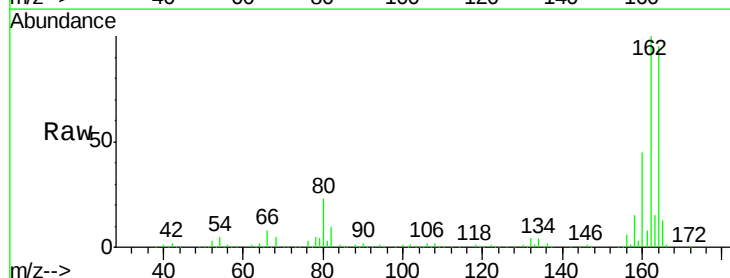
Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-15.5-16.0

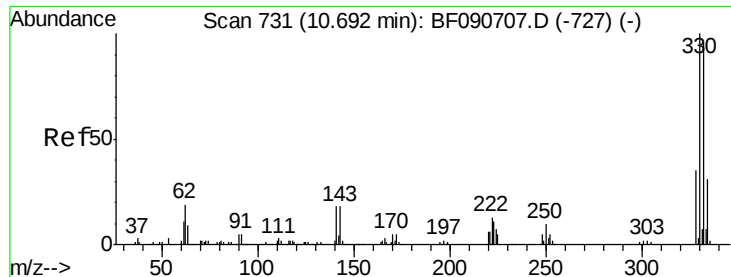
Tot Ion: 82 Resp: 791962
Ion Ratio Lower Upper
82 100
128 39.6 51.0 76.6#
54 46.1 47.5 71.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

Tgt Ion:164 Resp: 486878
Ion Ratio Lower Upper
164 100
162 105.2 75.2 112.8
160 47.7 31.5 47.3#

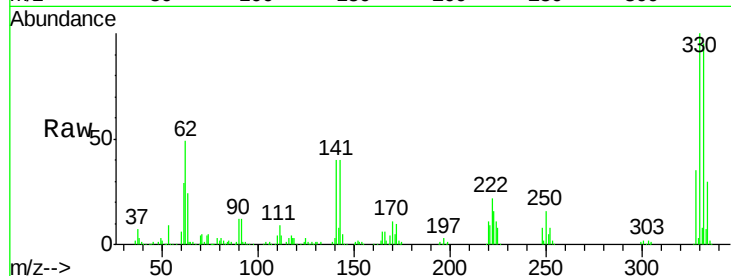




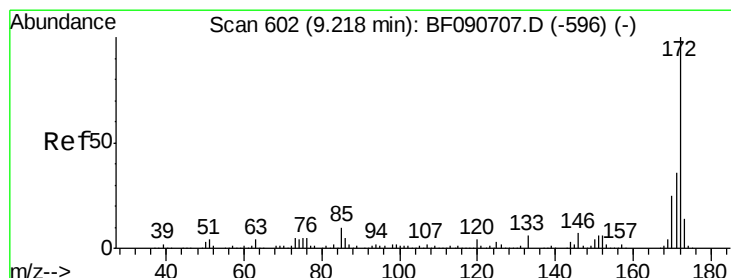
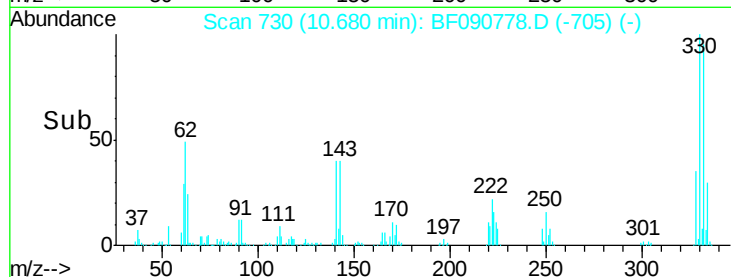
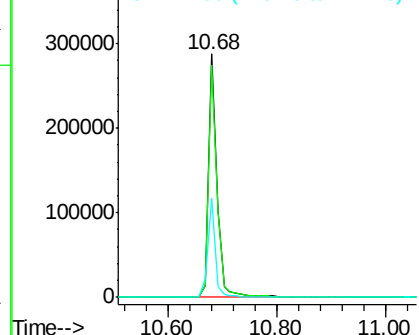
#41
 2,4,6-Tribromophenol
 Concen: 79.88 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090778.D
 Acq: 22 Oct 2016 22:27

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	37.2	29.7	44.5

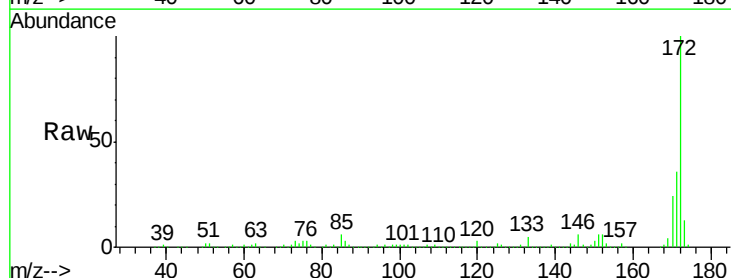


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

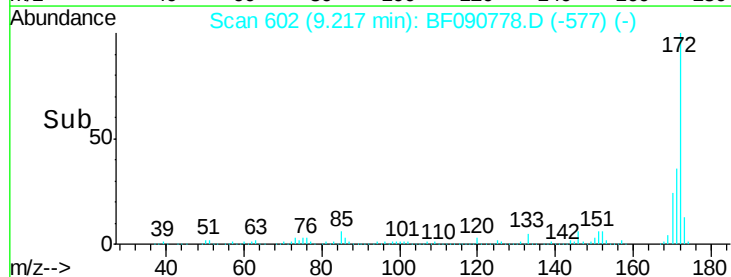
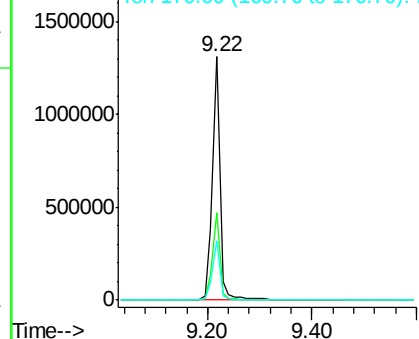


#44
 2-Fluorobiphenyl
 Concen: 42.70 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090778.D
 Acq: 22 Oct 2016 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.4	17.4	26.2



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

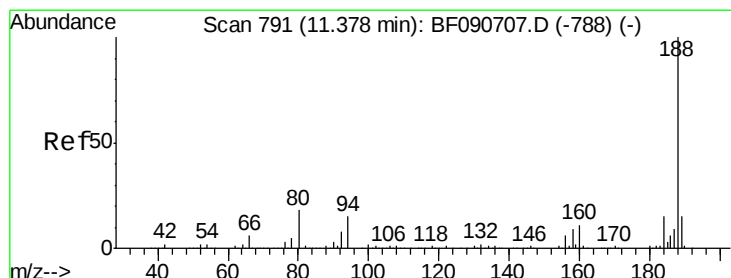
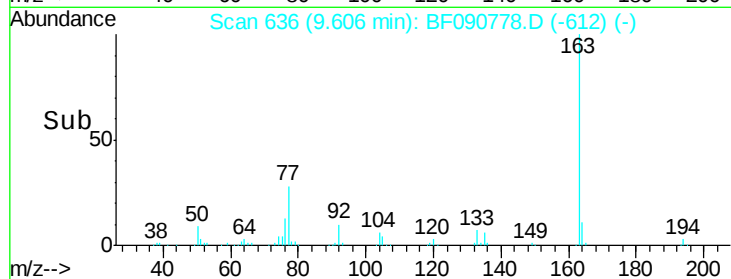
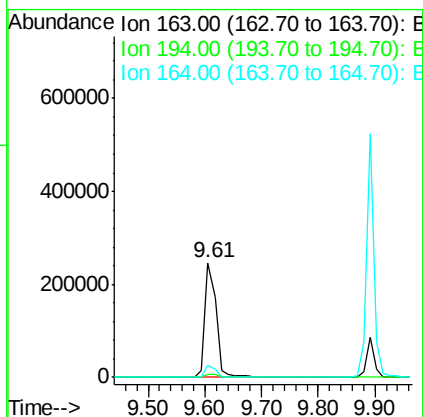
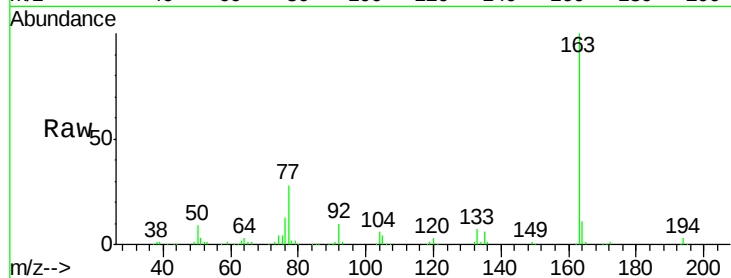




#49
Dimethylphthalate
Concen: 10.70 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

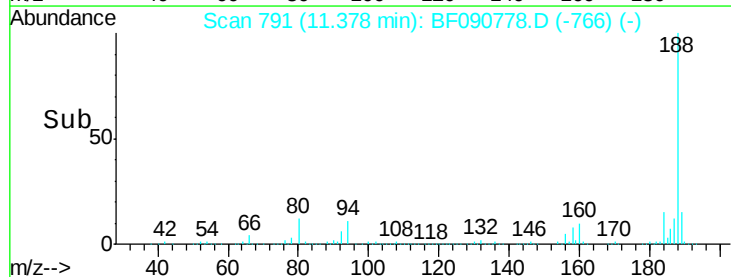
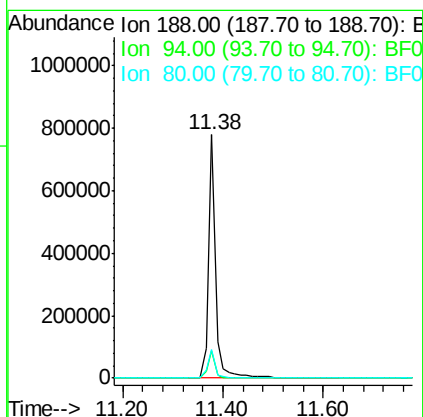
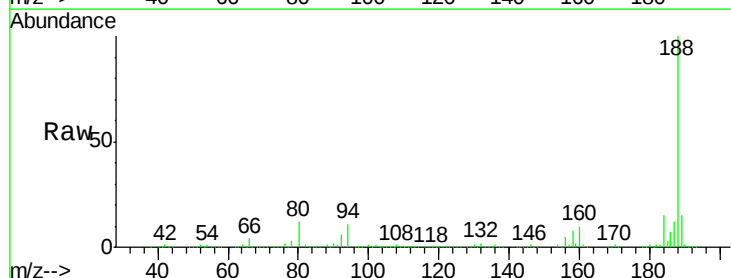
Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-15.5-16.0

Tot Ion:163 Resp: 327367
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.6 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090778.D
Acq: 22 Oct 2016 22:27

Tgt Ion:188 Resp: 765119
Ion Ratio Lower Upper
188 100
94 11.0 11.1 16.7#
80 11.8 11.0 16.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-15.5-16.0

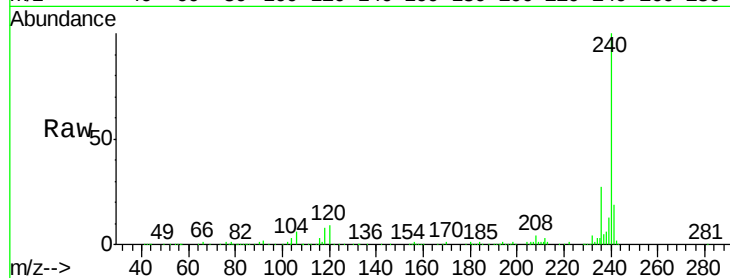
Tot Ion:240 Resp: 465494

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

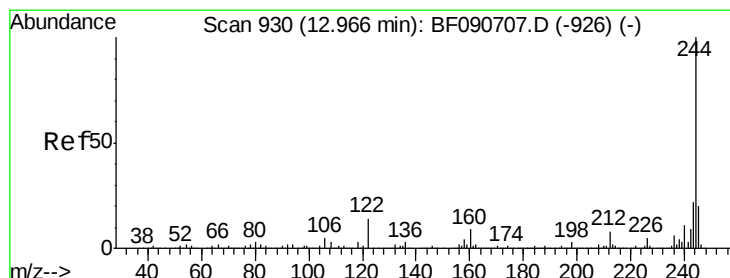
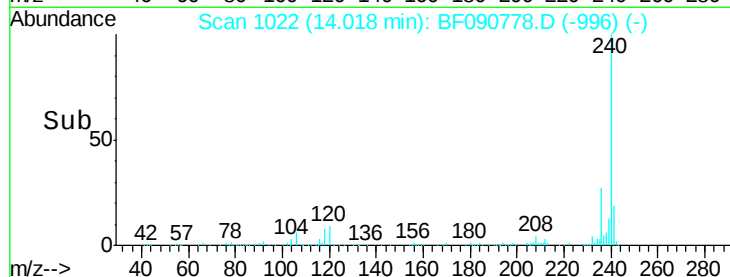
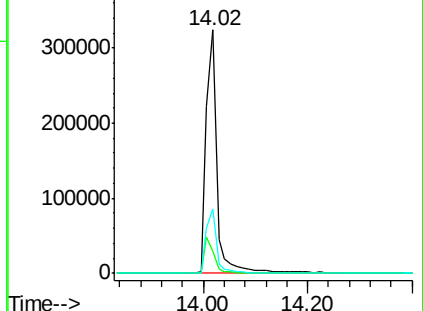
236 26.6 18.4 27.6



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: 48.47 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090778.D

Acq: 22 Oct 2016 22:27

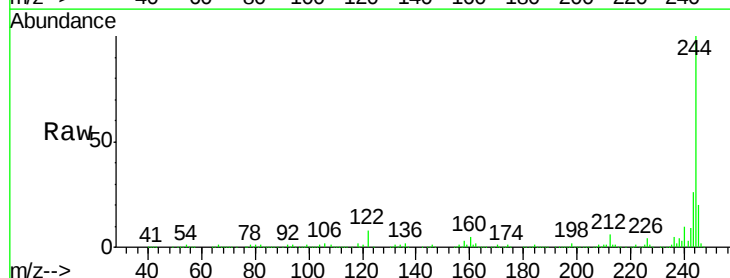
Tgt Ion:244 Resp: 984517

Ion Ratio Lower Upper

244 100

212 6.1 4.3 6.5

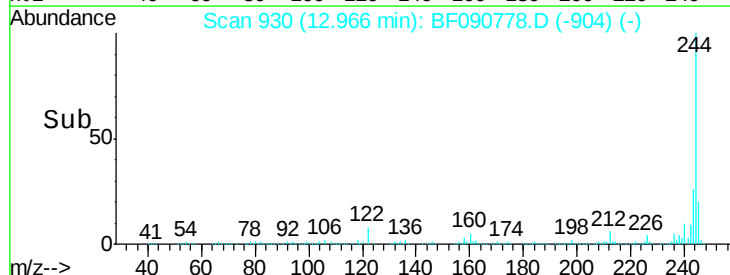
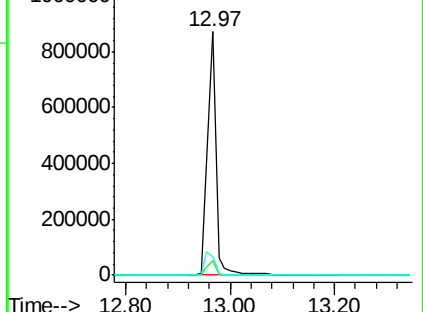
122 7.8 17.4 26.2#

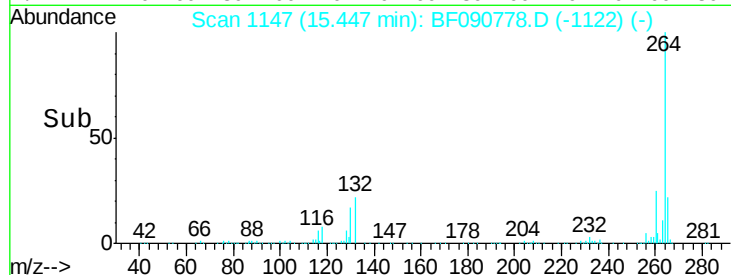
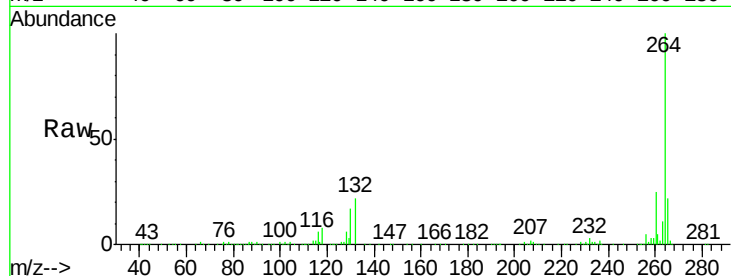
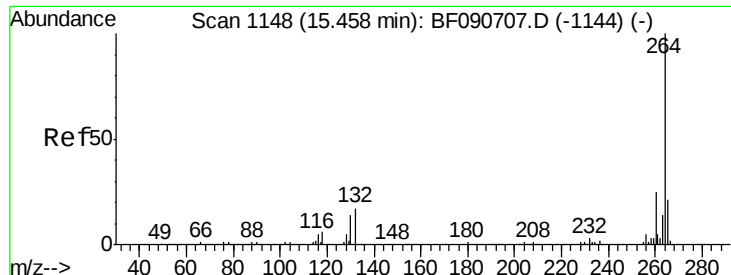


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090778.D
Acq: 22 Oct 2016 22:27

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

Tot Ion:264	Resp:	358876
Ion	Ratio	Lower Upper
264	100	
260	24.9	16.7 25.1
265	21.6	17.2 25.8

