

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090774.D
 Acq On : 22 Oct 2016 20:38
 Operator : UM/SJ
 Sample : H5343-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB03-14.0-14.5

Quant Time: Oct 24 03:19:23 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

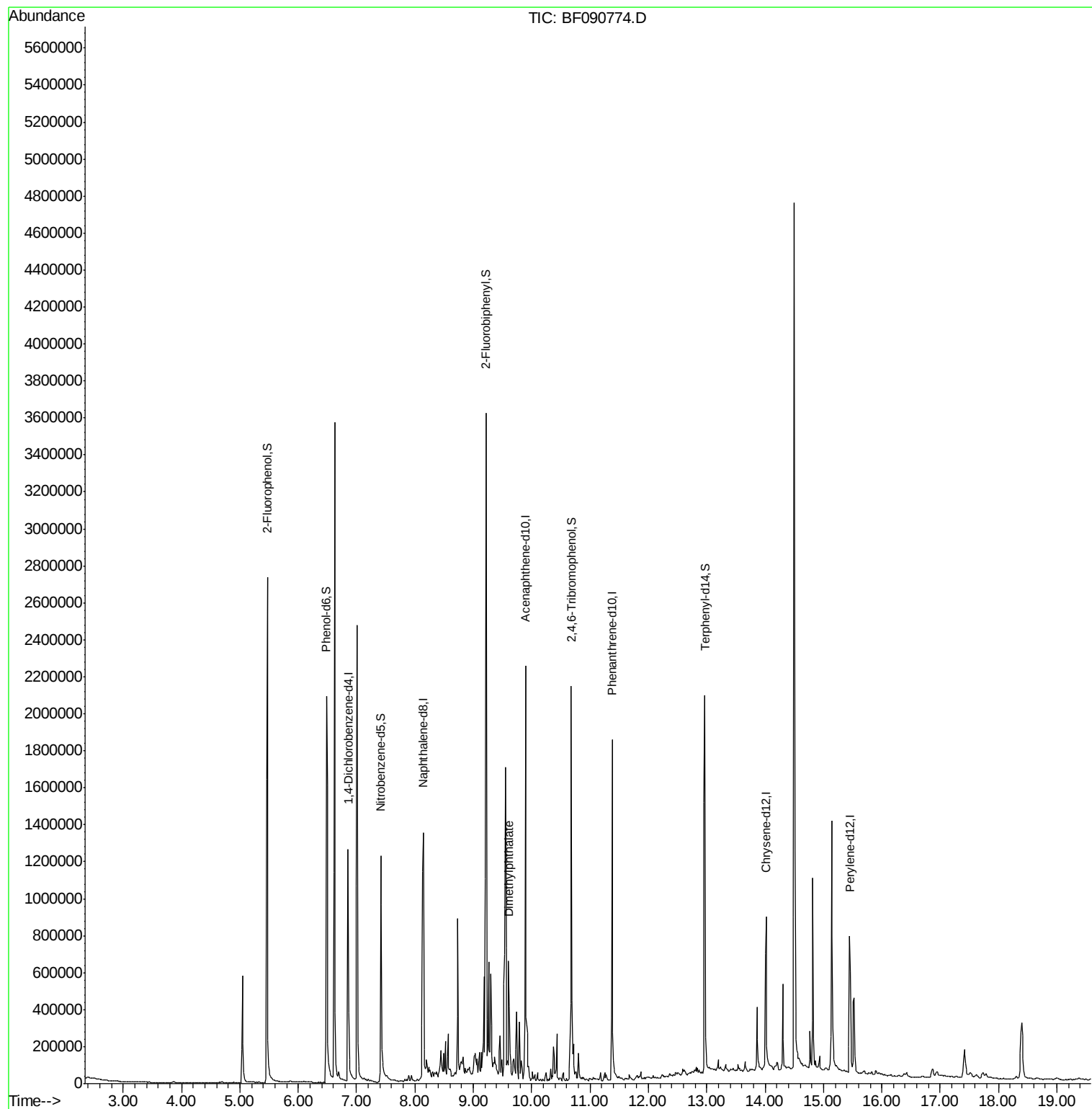
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	234602	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	931156	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	483589	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	717636	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	434219	20.00	ng	0.00
86) Perylene-d12	15.45	264	374051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1047513	72.01	ng	0.01
7) Phenol-d6	6.49	99	1269673	64.44	ng	-0.01
23) Nitrobenzene-d5	7.41	82	747466	44.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	287951	75.23	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1276307	40.97	ng	-0.01
78) Terphenyl-d14	12.97	244	936667	49.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	326625	10.75	ng	Qvalue # 97

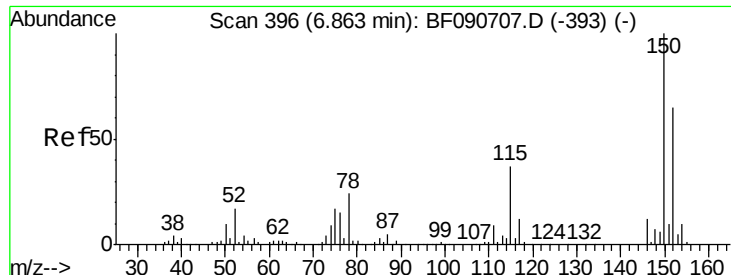
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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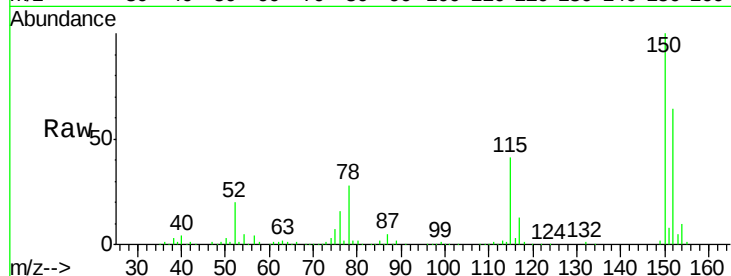


#1

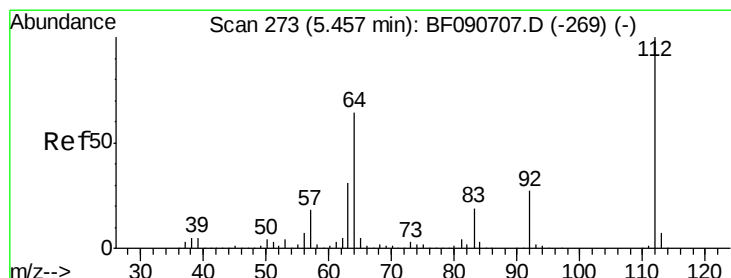
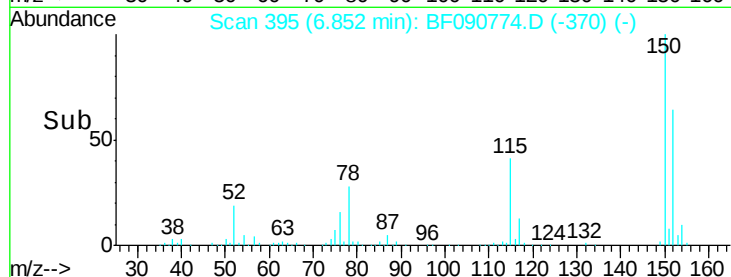
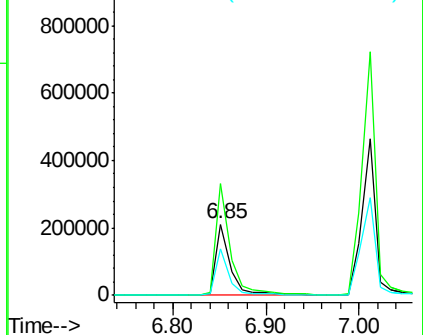
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090774.D
Acq: 22 Oct 2016 20:38

Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

Tot Ion:152 Resp: 234602
Ion Ratio Lower Upper
152 100
150 156.8 124.7 187.1
115 64.7 39.0 58.4#



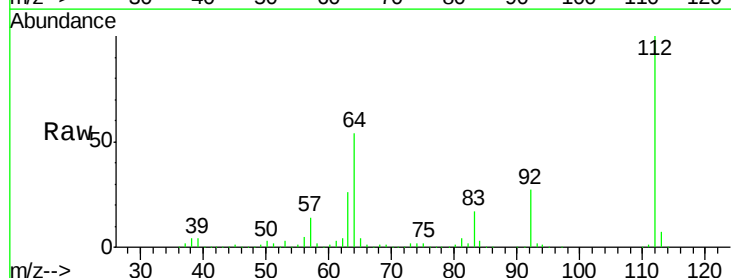
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



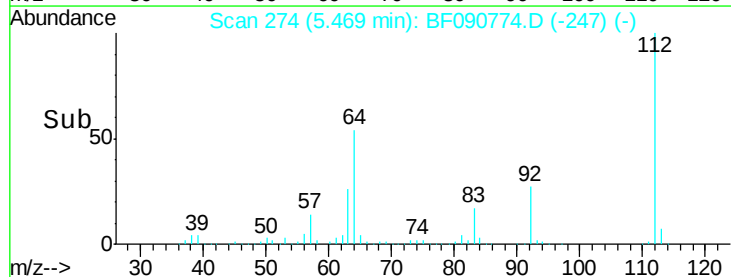
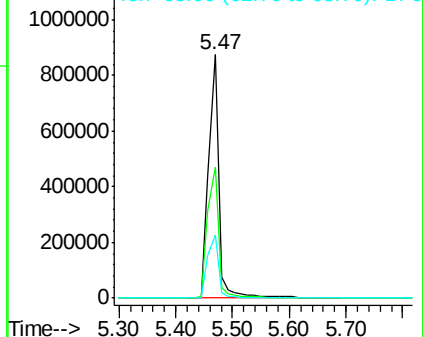
#5

2-Fluorophenol
Concen: 72.01 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090774.D
Acq: 22 Oct 2016 20:38

Tgt Ion:112 Resp: 1047513
Ion Ratio Lower Upper
112 100
64 54.0 39.7 59.5
63 26.2 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: 64.44 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090774.D

Acq: 22 Oct 2016 20:38

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

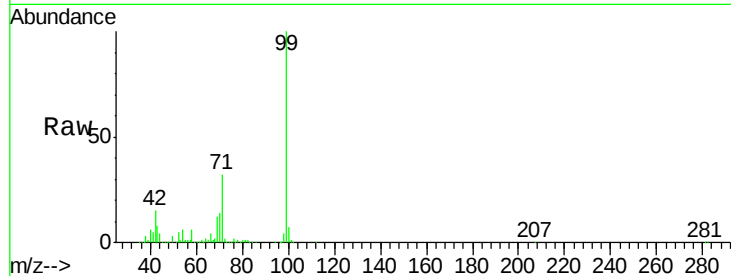
Tot Ion: 99 Resp: 1269673

Ion Ratio Lower Upper

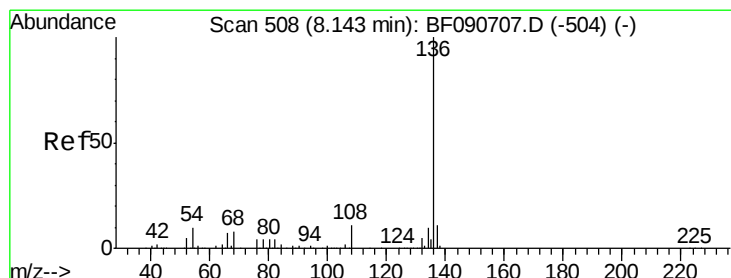
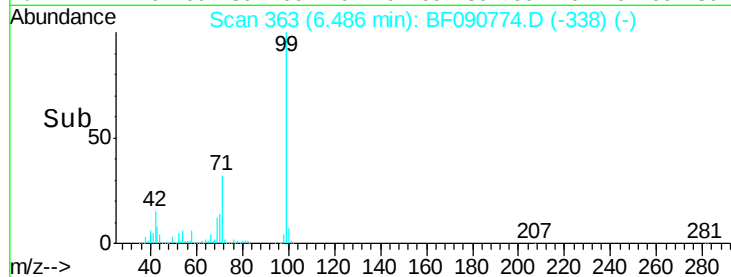
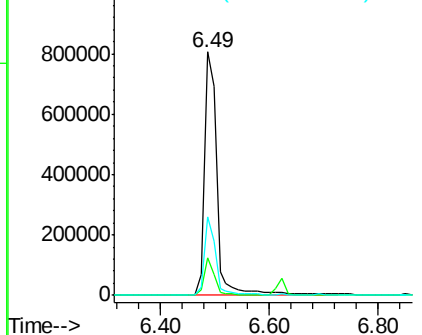
99 100

42 15.2 13.7 20.5

71 32.2 14.2 21.2#



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: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090774.D

Acq: 22 Oct 2016 20:38

Tgt Ion: 136 Resp: 931156

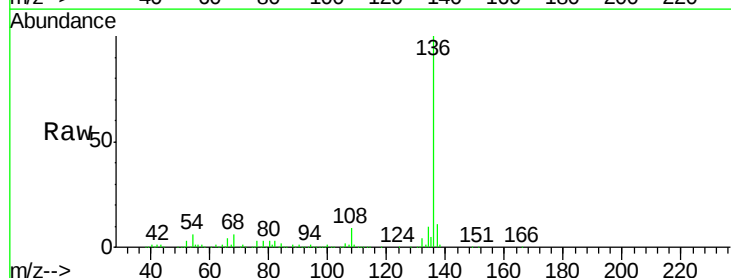
Ion Ratio Lower Upper

136 100

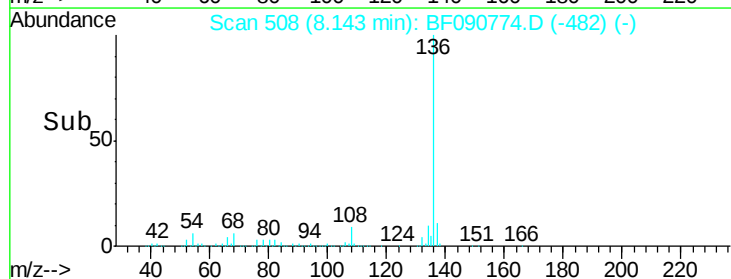
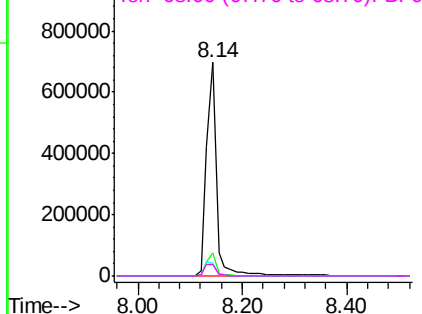
137 11.0 9.0 13.6

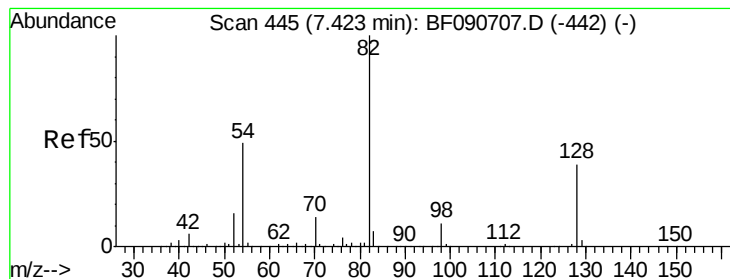
54 6.0 8.2 12.2#

68 5.6 5.8 8.6#



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: 44.03 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF090774.D

Acq: 22 Oct 2016 20:38

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

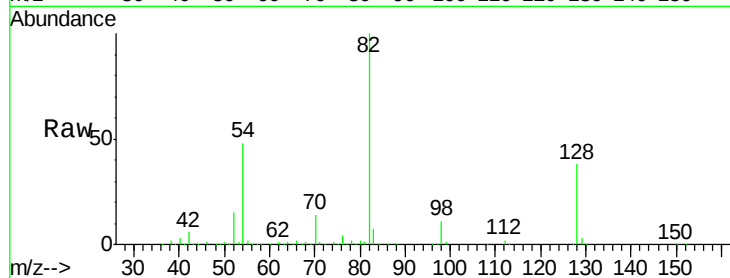
Tot Ion: 82 Resp: 747466

Ion Ratio Lower Upper

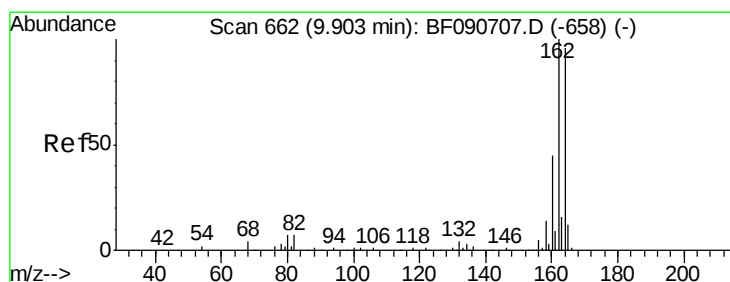
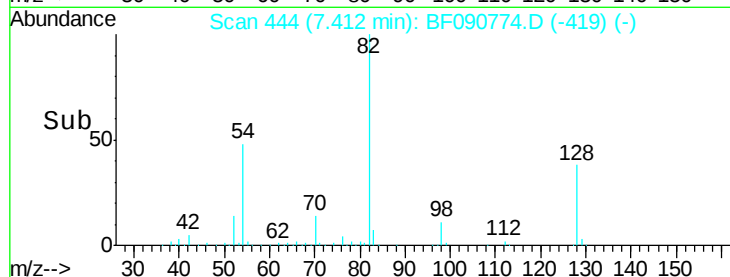
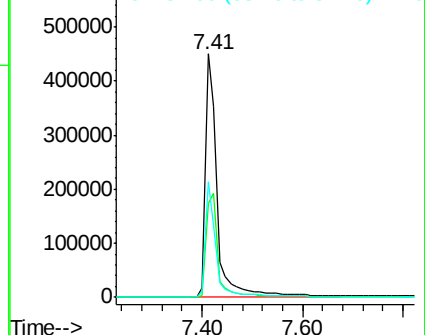
82 100

128 38.5 51.0 76.6#

54 47.6 47.5 71.3



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: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090774.D

Acq: 22 Oct 2016 20:38

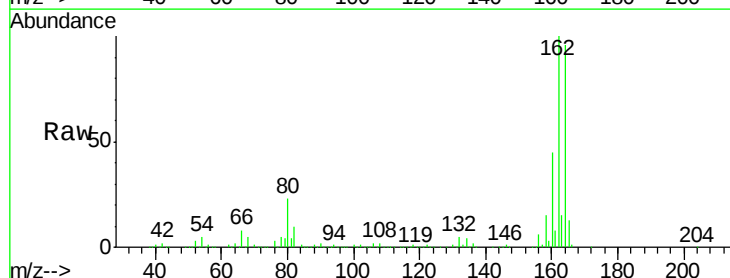
Tgt Ion:164 Resp: 483589

Ion Ratio Lower Upper

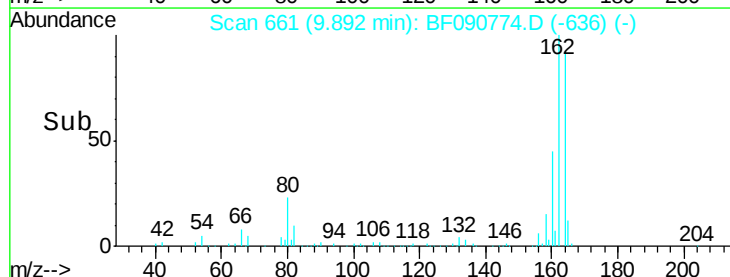
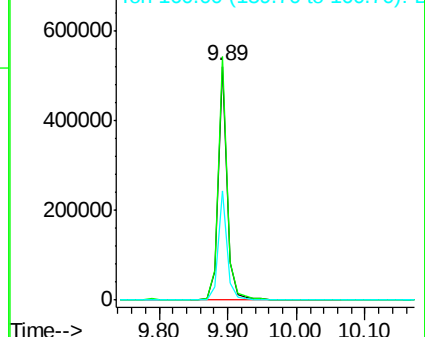
164 100

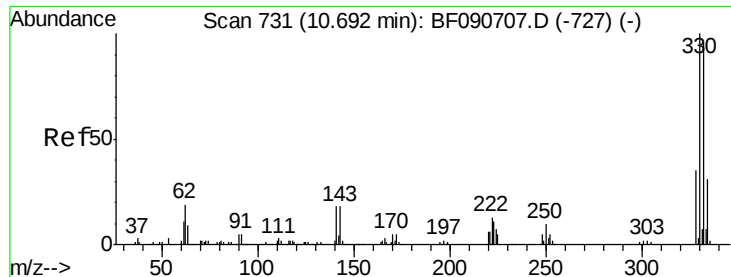
162 104.1 75.2 112.8

160 46.7 31.5 47.3



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

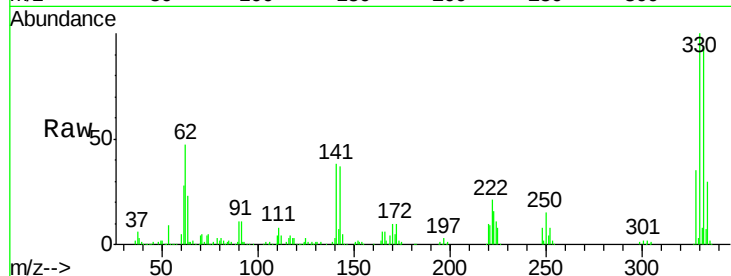




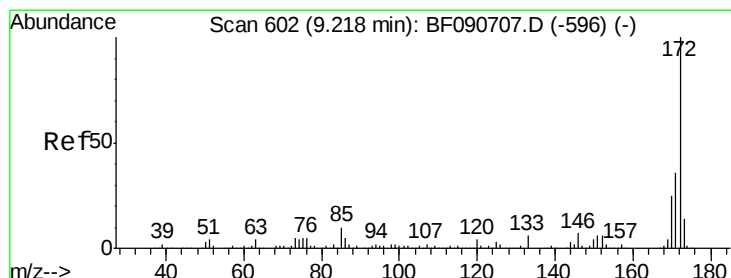
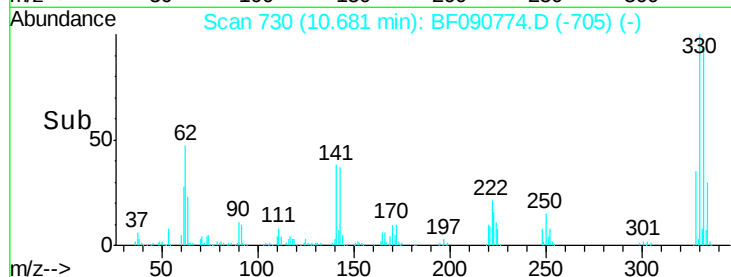
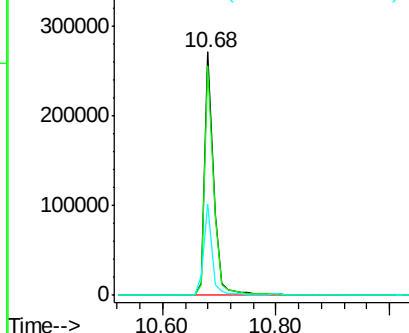
#41
 2,4,6-Tribromophenol
 Concen: 75.23 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090774.D
 Acq: 22 Oct 2016 20:38

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB03-14.0-14.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	35.5	29.7	44.5

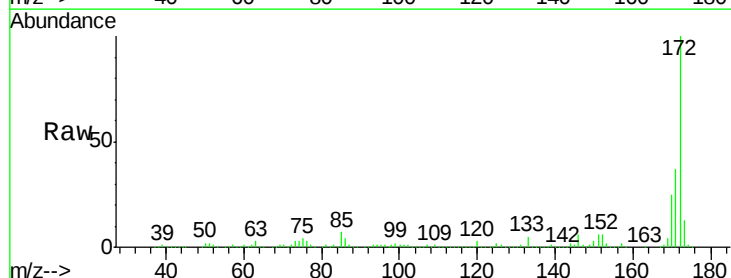


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

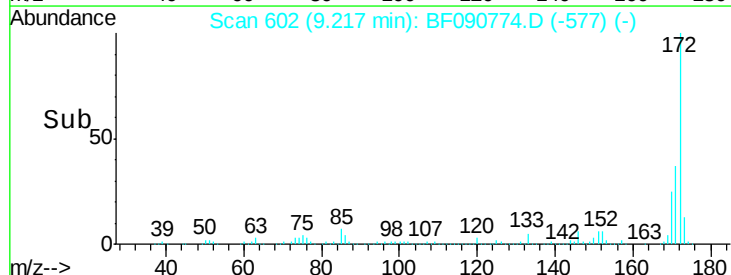
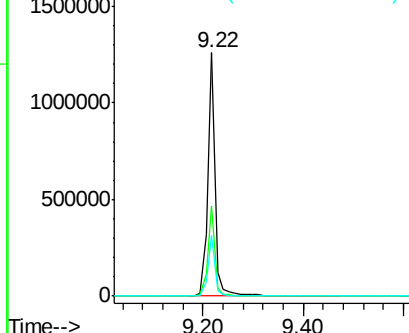


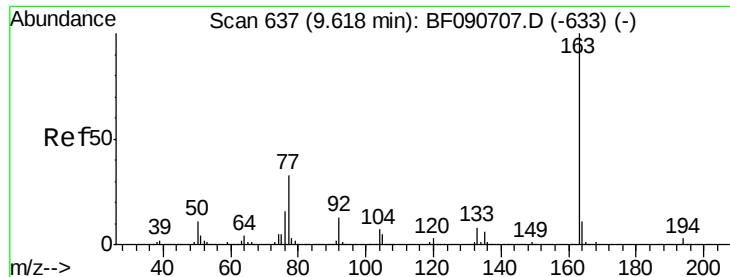
#44
 2-Fluorobiphenyl
 Concen: 40.97 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090774.D
 Acq: 22 Oct 2016 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.1	39.1
170	25.0	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

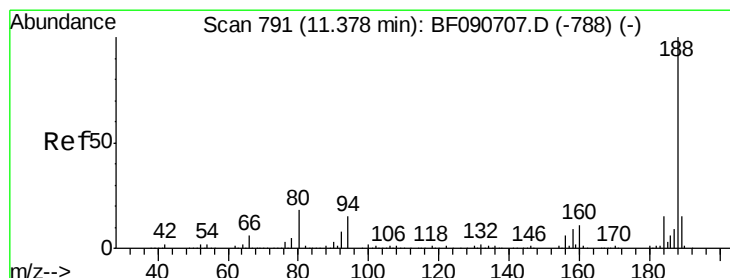
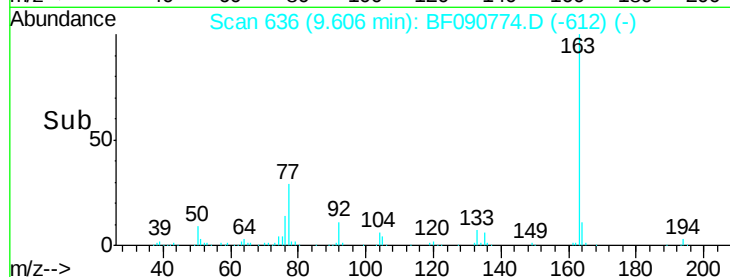
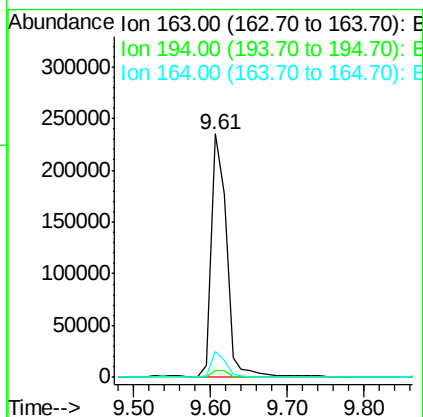
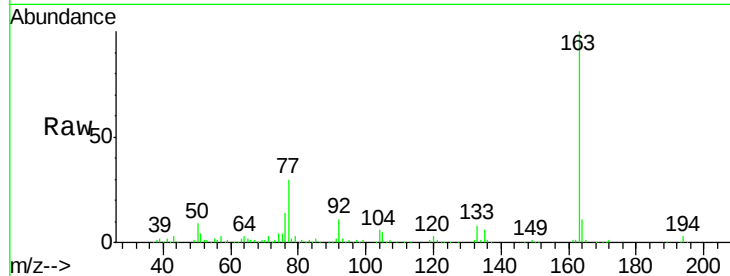




#49
Dimethylphthalate
Concen: 10.75 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090774.D
Acq: 22 Oct 2016 20:38

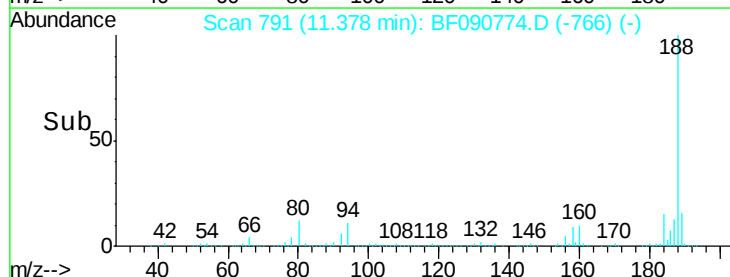
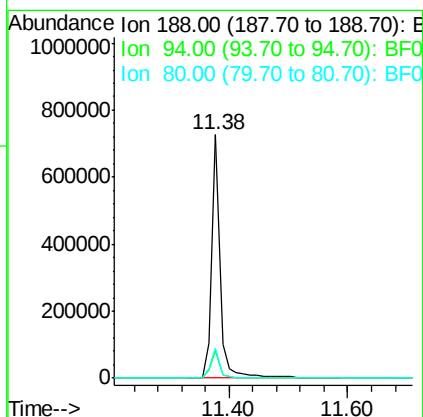
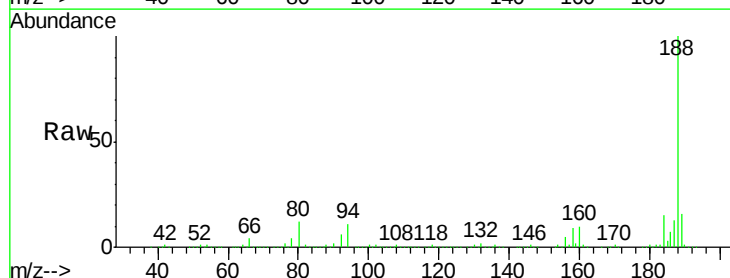
Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

Tot Ion:163 Resp: 326625
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.8 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: BF090774.D
Acq: 22 Oct 2016 20:38

Tgt Ion:188 Resp: 717636
Ion Ratio Lower Upper
188 100
94 11.2 11.1 16.7
80 12.3 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: BF090774.D

Acq: 22 Oct 2016 20:38

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

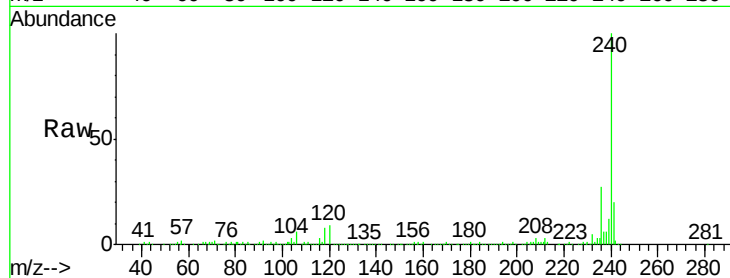
Tot Ion:240 Resp: 434219

Ion Ratio Lower Upper

240 100

120 9.2 16.2 24.2#

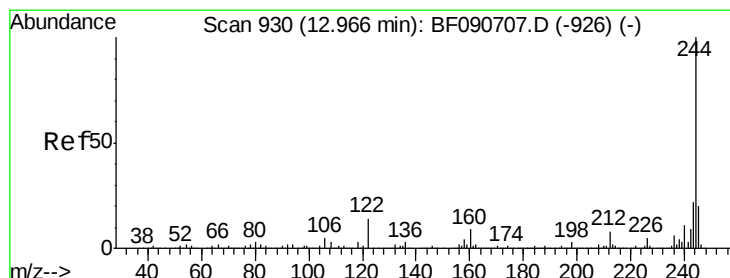
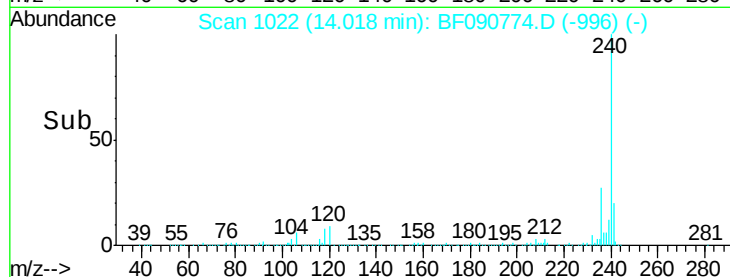
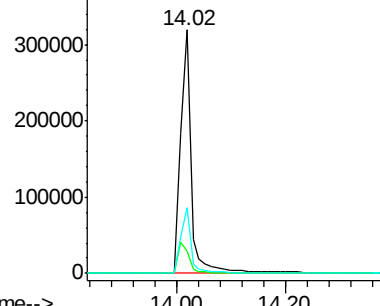
236 27.0 18.4 27.6



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: 49.44 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090774.D

Acq: 22 Oct 2016 20:38

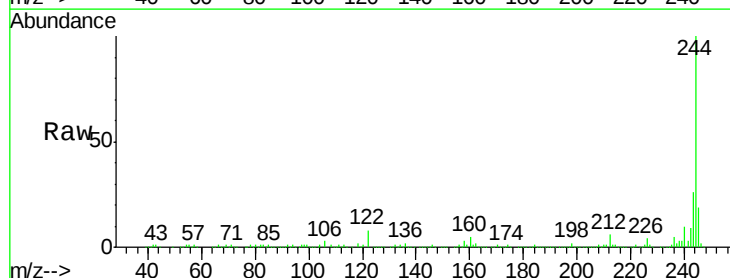
Tgt Ion:244 Resp: 936667

Ion Ratio Lower Upper

244 100

212 6.2 4.3 6.5

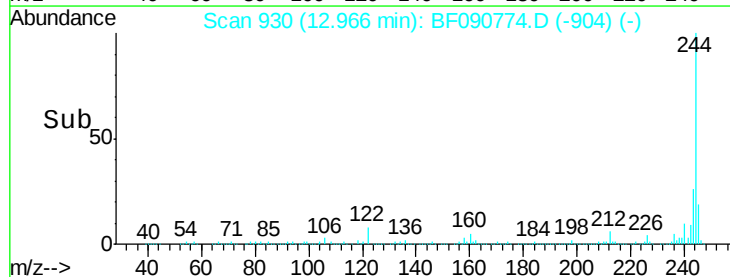
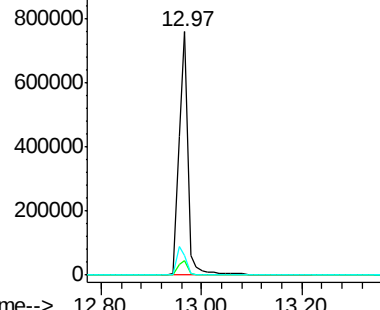
122 8.2 17.4 26.2#

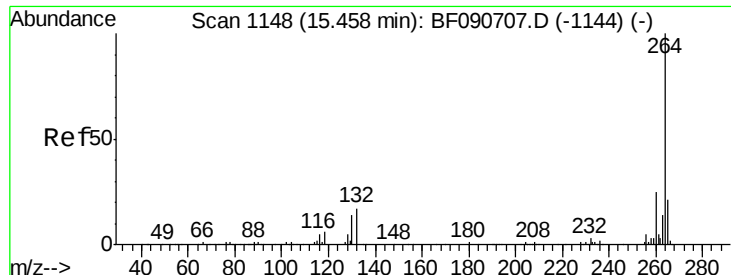


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



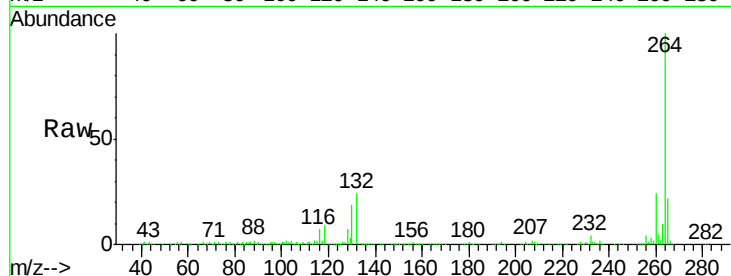


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090774.D
Acq: 22 Oct 2016 20:38

Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

Tot Ion:264 Resp: 374051

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.6	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

