

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090749.D
 Acq On : 22 Oct 2016 9:14
 Operator : UM/SJ
 Sample : PB94262BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BL

Quant Time: Oct 24 01:18:39 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	249089	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1064608	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	538839	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	881673	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	579969	20.00	ng	0.00
86) Perylene-d12	15.45	264	377141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1956512	126.68	ng	0.02
7) Phenol-d6	6.50	99	2653589	126.84	ng	0.00
23) Nitrobenzene-d5	7.42	82	1792435	92.34	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	724398	169.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2750616	79.24	ng	-0.01
78) Terphenyl-d14	12.98	244	2896208	114.45	ng	0.01

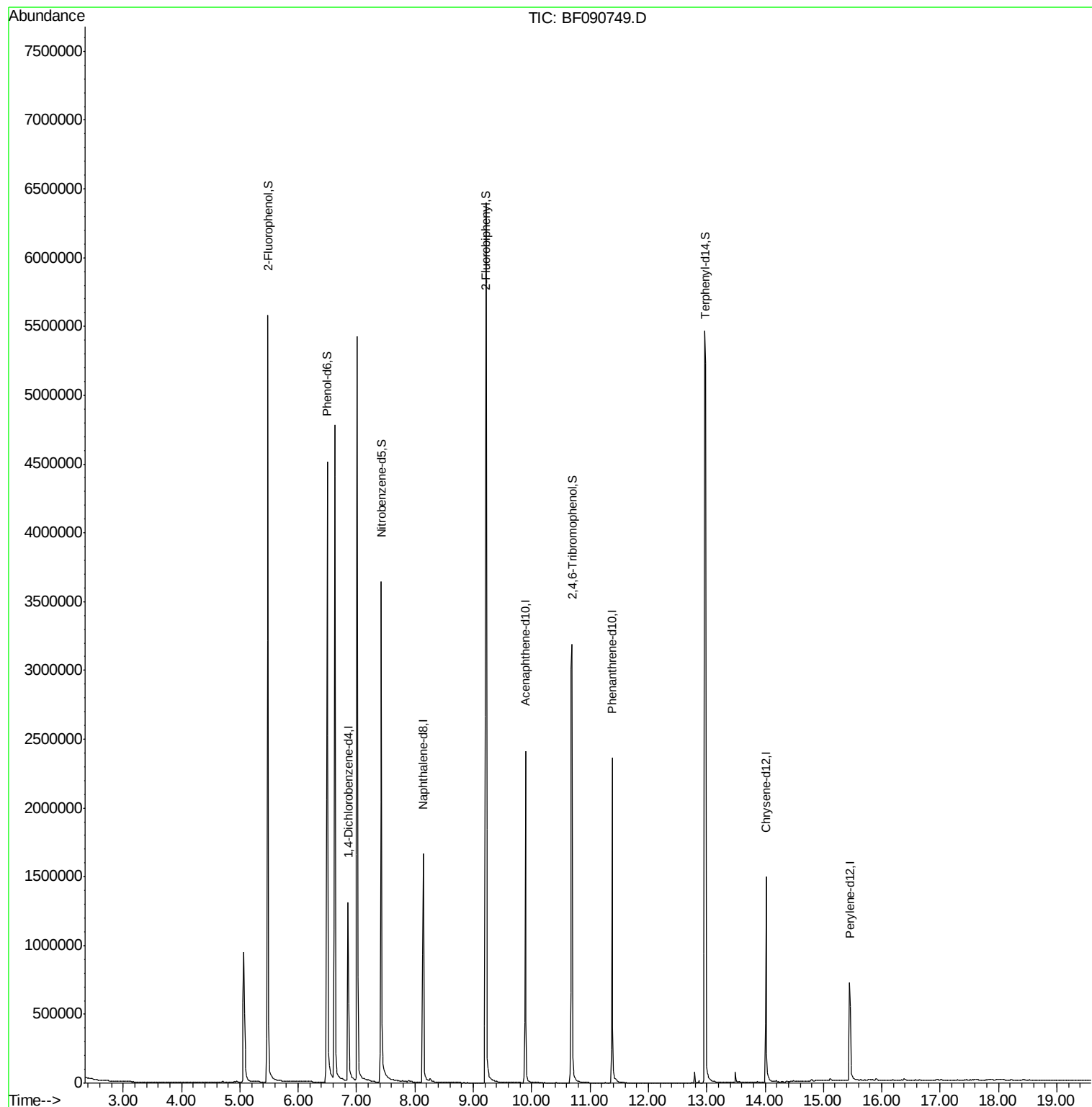
Target Compounds Qvalue

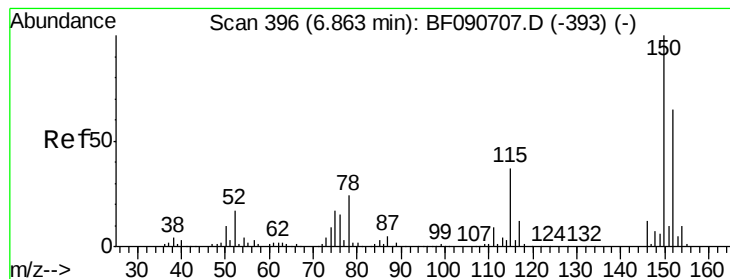
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090749.D
Acq On : 22 Oct 2016 9:14
Operator : UM/SJ
Sample : PB94262BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94262BL

Quant Time: Oct 24 01:18:39 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

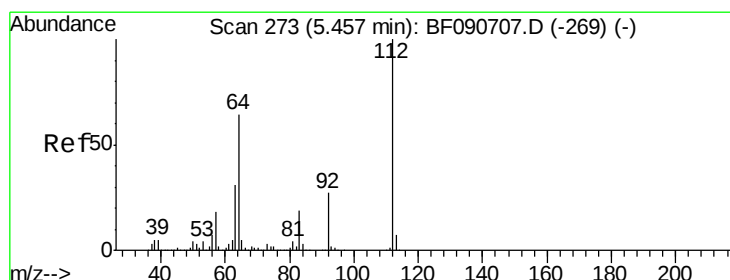
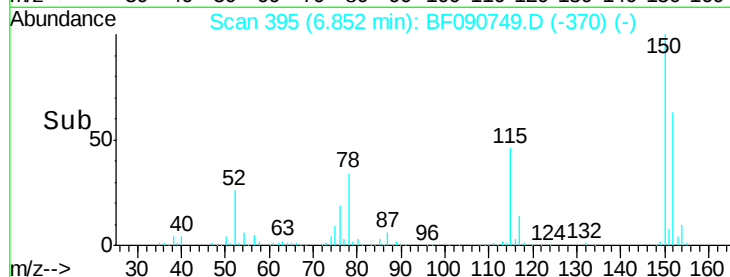
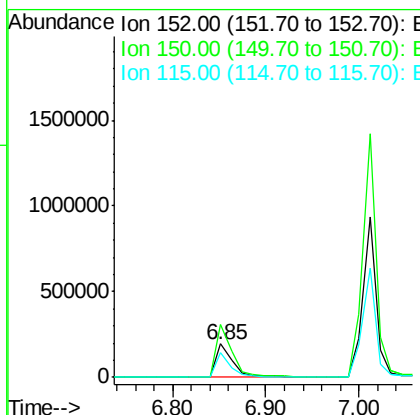
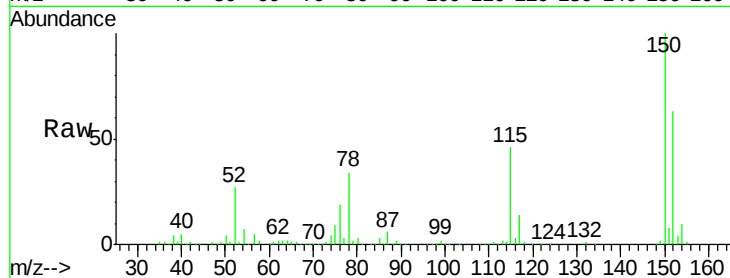




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090749.D
 Acq: 22 Oct 2016 9:14

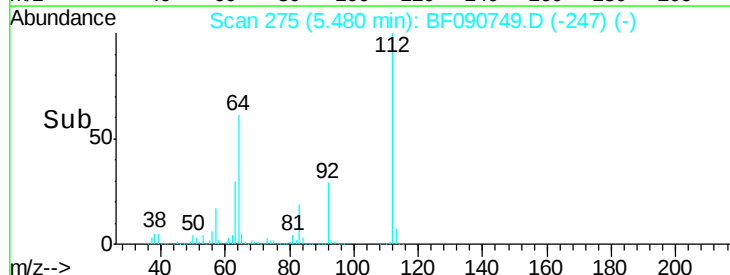
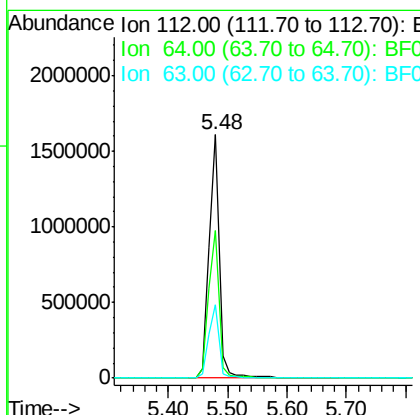
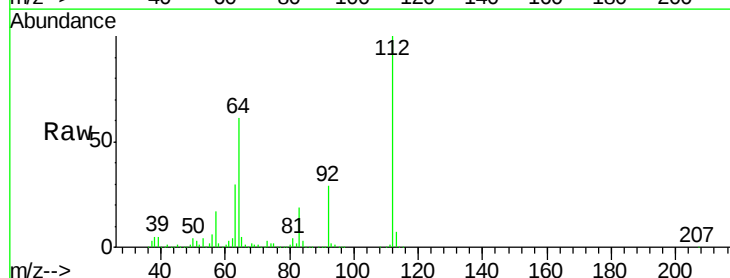
Instrument :
 BNA_F
 ClientSampleId :
 PB94262BL

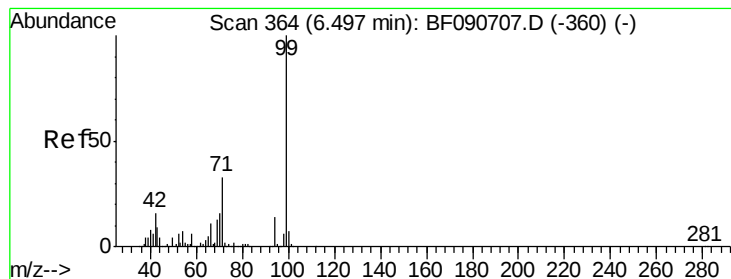
Tot Ion:152 Resp: 249089
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.7 187.1
 115 72.7 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 126.68 ng
 RT: 5.48 min Scan# 275
 Delta R.T. 0.02 min
 Lab File: BF090749.D
 Acq: 22 Oct 2016 9:14

Tgt Ion:112 Resp: 1956512
 Ion Ratio Lower Upper
 112 100
 64 60.5 39.7 59.5#
 63 30.4 17.4 26.0#





#7

Phenol-d6

Concen: 126.84 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090749.D

Acq: 22 Oct 2016 9:14

Instrument :

BNA_F

ClientSampleId :

PB94262BL

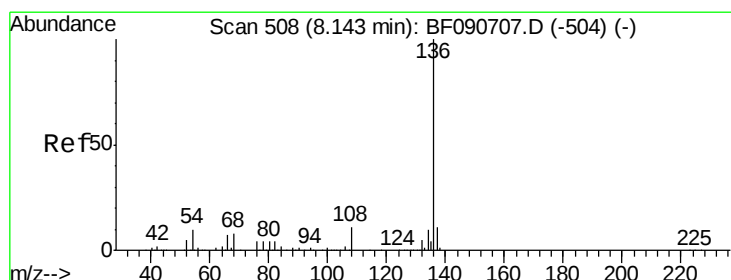
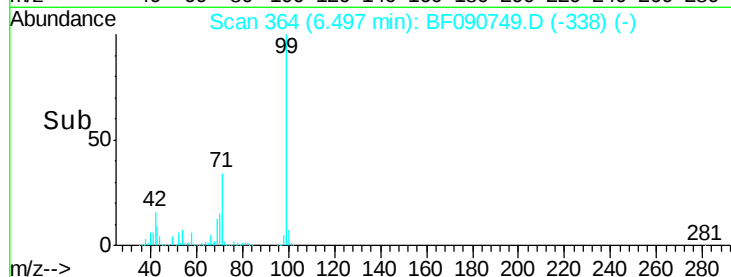
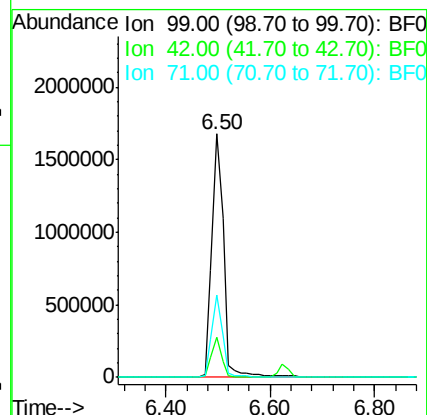
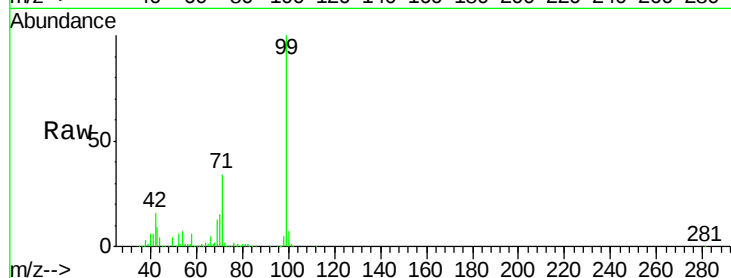
Tot Ion: 99 Resp: 2653589

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

71 33.6 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: BF090749.D

Acq: 22 Oct 2016 9:14

Tgt Ion: 136 Resp: 1064608

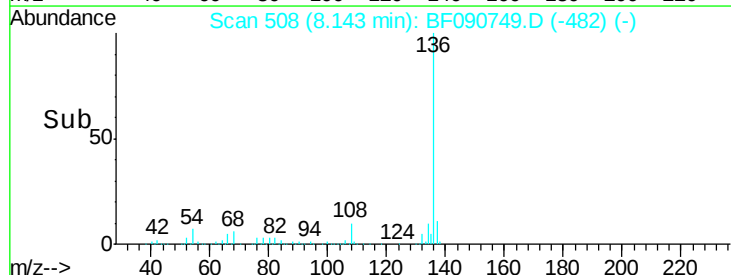
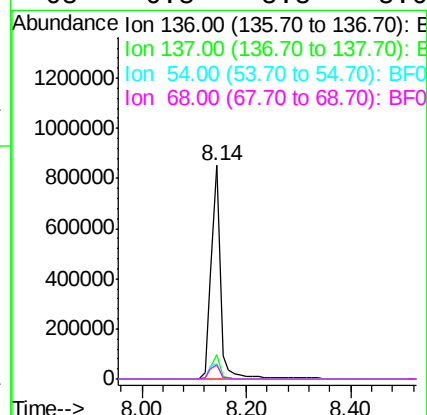
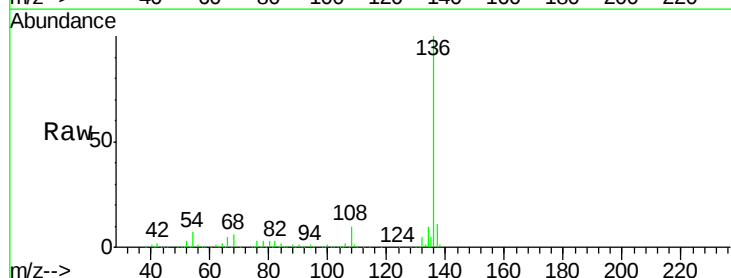
Ion Ratio Lower Upper

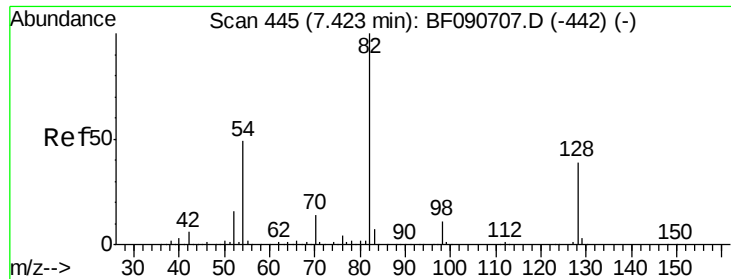
136 100

137 11.1 9.0 13.6

54 7.0 8.2 12.2#

68 6.3 5.8 8.6

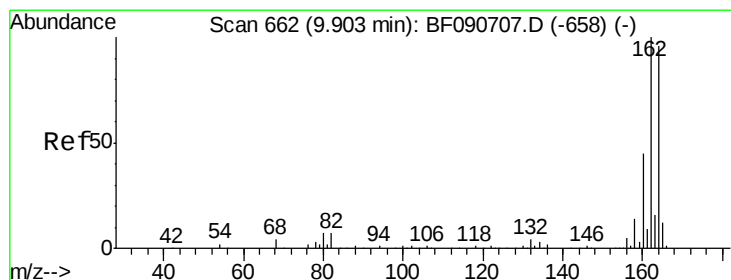
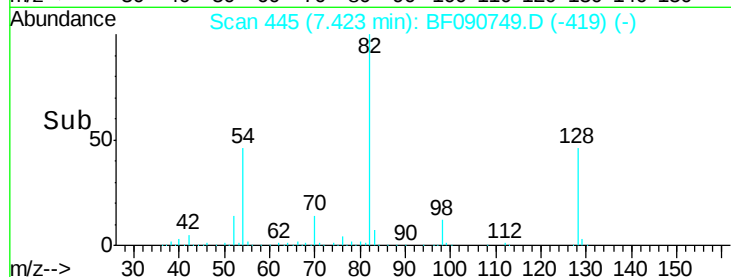
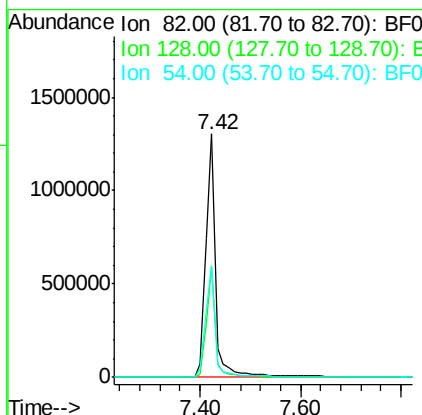
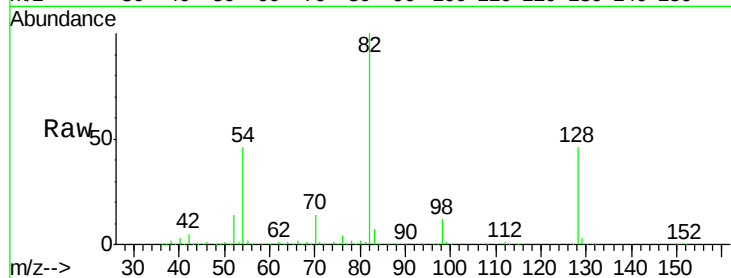




#23
 Nitrobenzene-d5
 Concen: 92.34 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090749.D
 Acq: 22 Oct 2016 9:14

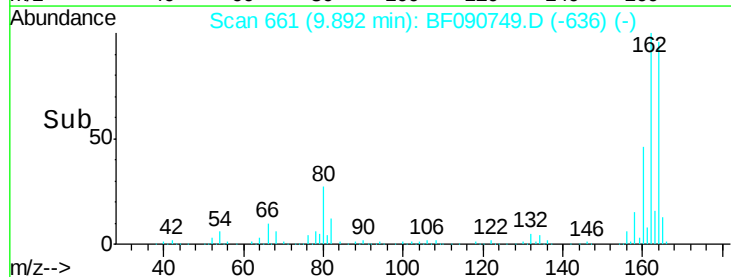
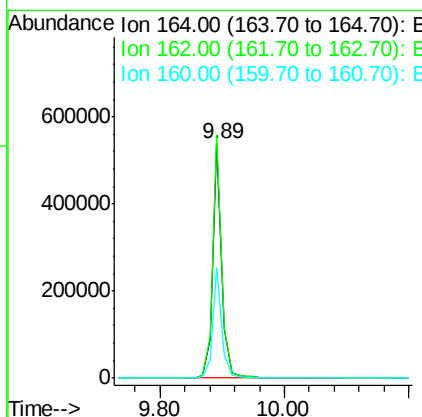
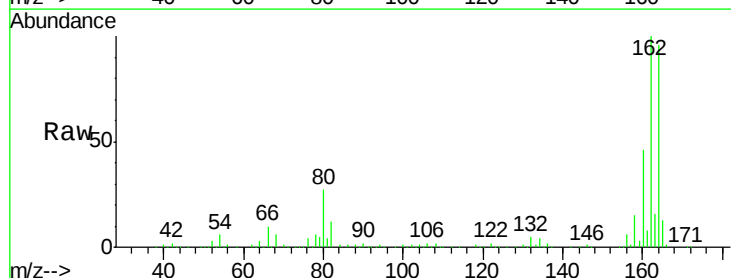
Instrument :
 BNA_F
 ClientSampled :
 PB94262BL

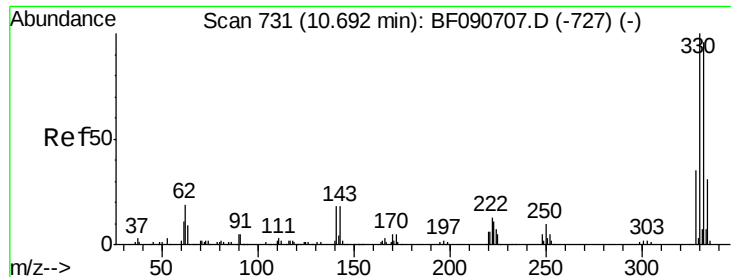
Tot Ion: 82 Resp: 1792435
 Ion Ratio Lower Upper
 82 100
 128 45.6 51.0 76.6#
 54 46.2 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090749.D
 Acq: 22 Oct 2016 9:14

Tgt Ion:164 Resp: 538839
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 47.3 31.5 47.3#

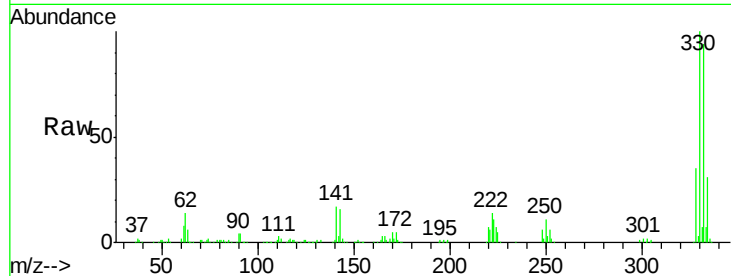




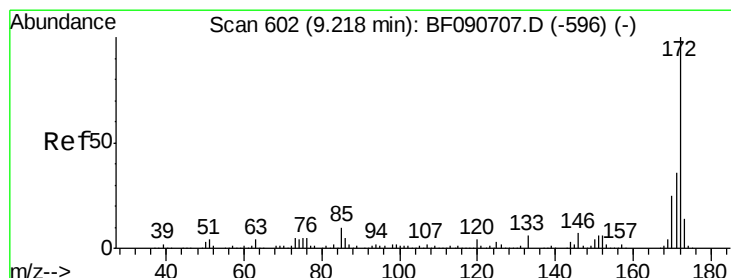
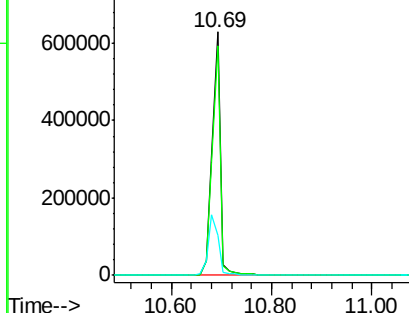
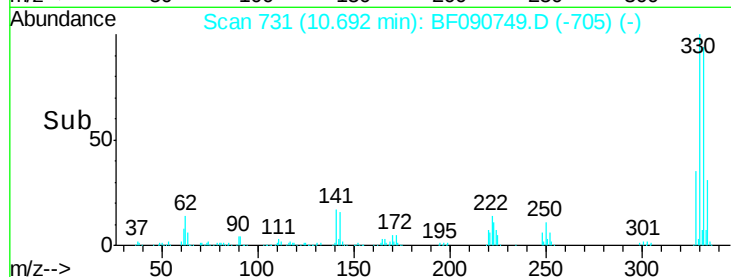
#41
 2,4,6-Tribromophenol
 Concen: 169.85 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090749.D
 Acq: 22 Oct 2016 9:14

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	31.2	29.7	44.5

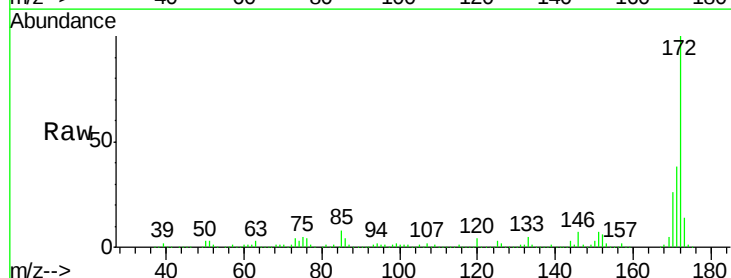


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

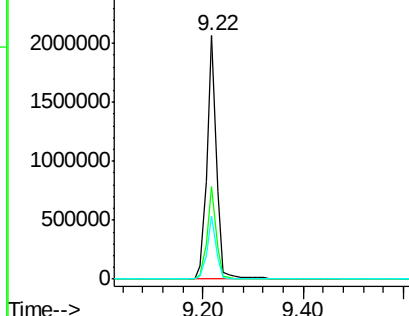
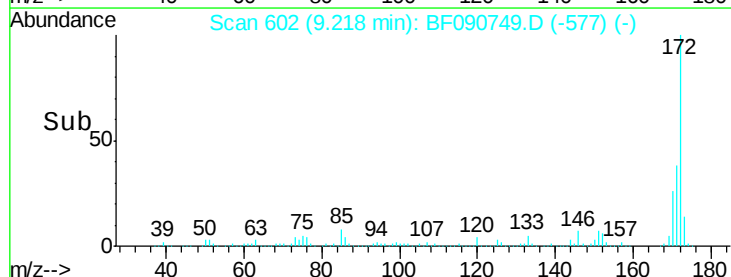


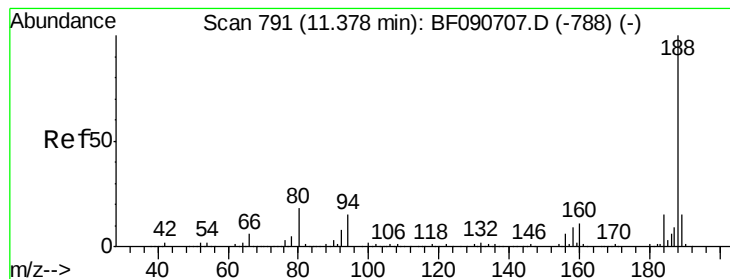
#44
 2-Fluorobiphenyl
 Concen: 79.24 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090749.D
 Acq: 22 Oct 2016 9:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	26.1	39.1
170	25.8	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090749.D

Acq: 22 Oct 2016 9:14

Instrument :

BNA_F

ClientSampleId :

PB94262BL

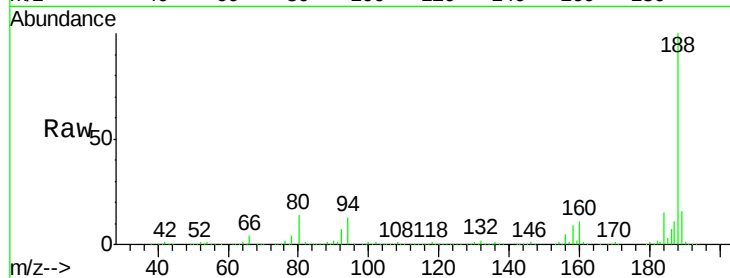
Tot Ion:188 Resp: 881673

Ion Ratio Lower Upper

188 100

94 12.5 11.1 16.7

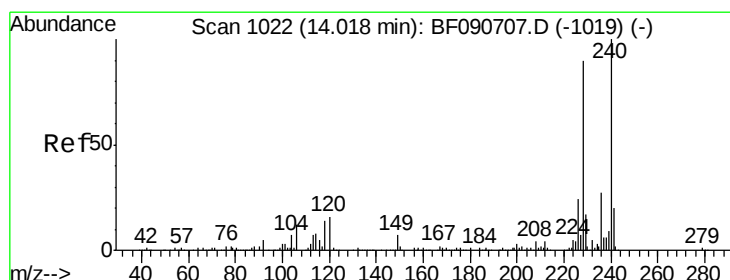
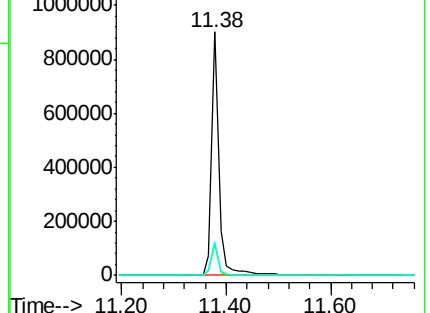
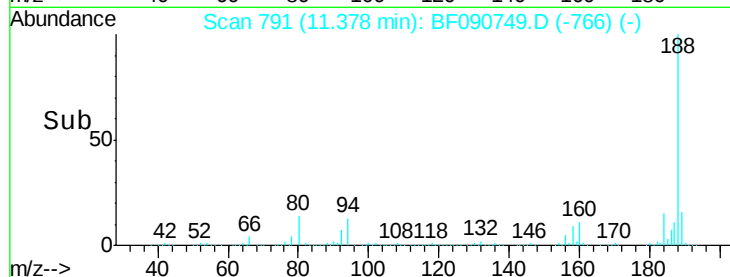
80 14.0 11.0 16.4



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: BF090749.D

Acq: 22 Oct 2016 9:14

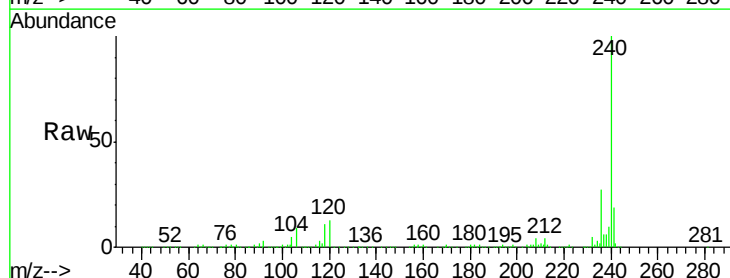
Tgt Ion:240 Resp: 579969

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

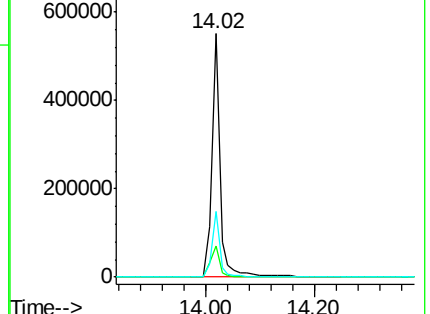
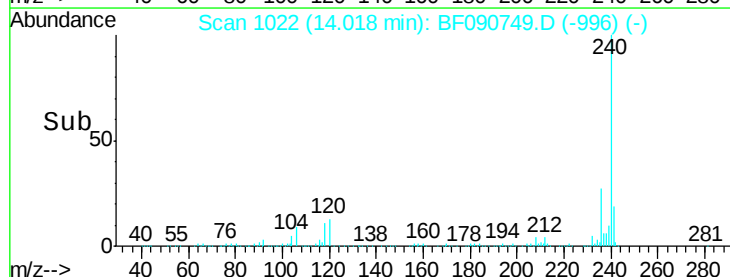
236 26.9 18.4 27.6

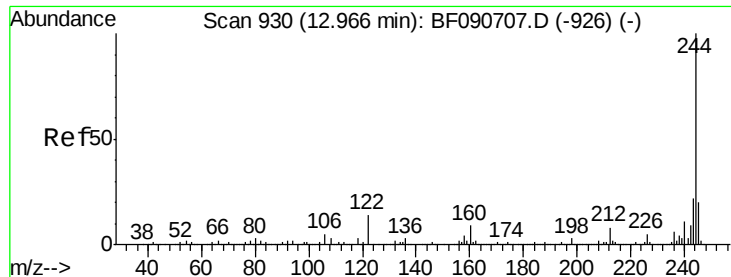


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

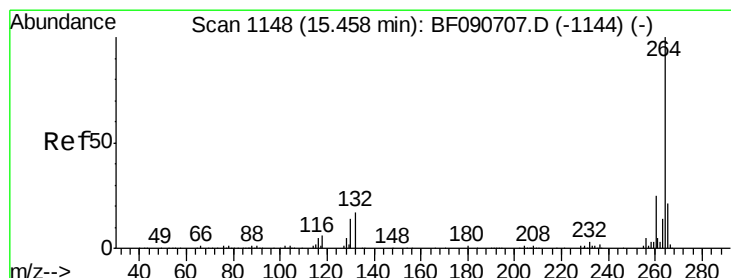
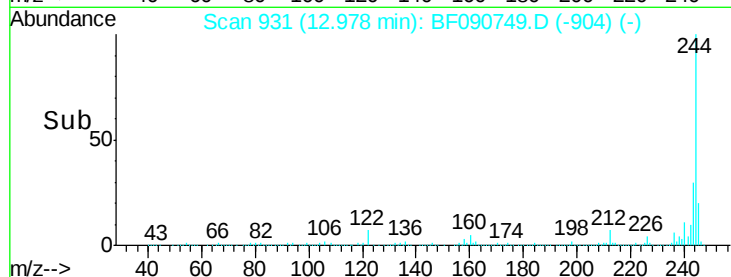
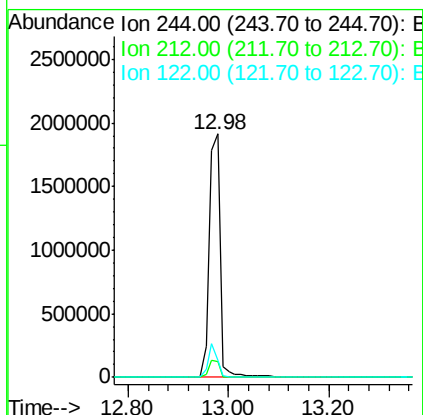
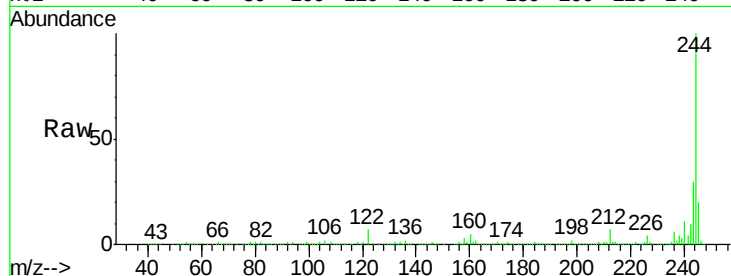




#78
 Terphenyl-d14
 Concen: 114.45 ng
 RT: 12.98 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF090749.D
 Acq: 22 Oct 2016 9:14

Instrument :
 BNA_F
 ClientSampleID :
 PB94262BL

Tot Ion:244 Resp: 2896208
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.3 6.5#
 122 6.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090749.D
 Acq: 22 Oct 2016 9:14

Tgt Ion:264 Resp: 377141
 Ion Ratio Lower Upper
 264 100
 260 25.8 16.7 25.1#
 265 22.4 17.2 25.8

