

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084950.D
 Acq On : 9 Feb 2016 14:22
 Operator : SJ/IZ
 Sample : H1377-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-020516

Quant Time: Feb 10 03:53:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

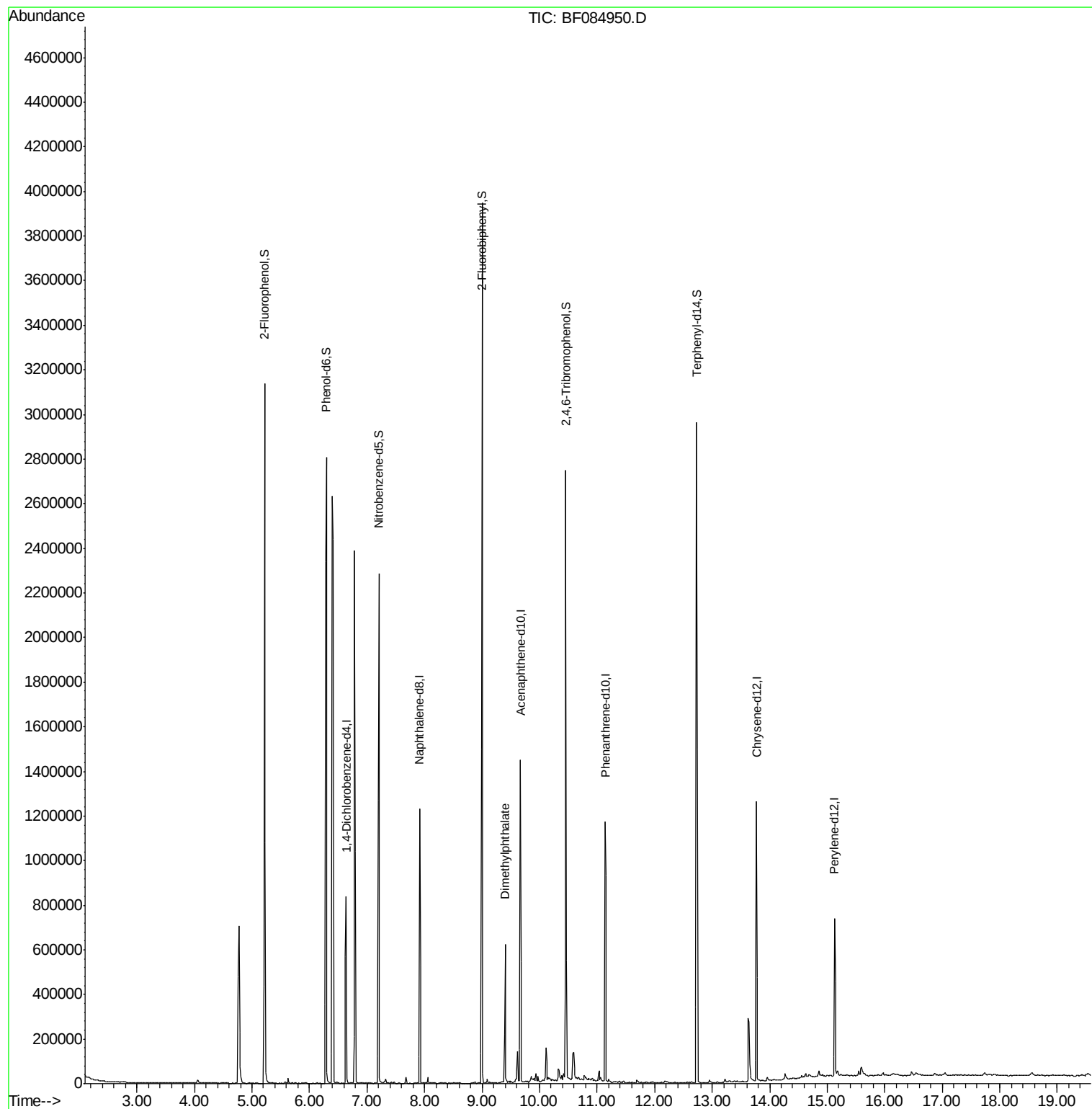
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	161933	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	642677	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	306949	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	594248	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	460543	20.00	ng	-0.07
86) Perylene-d12	15.13	264	331311	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	927863	89.25	ng	-0.06
7) Phenol-d6	6.29	99	1361588	105.64	ng	-0.05
23) Nitrobenzene-d5	7.21	82	866264	75.93	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	310727	97.05	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1286416	65.39	ng	-0.06
78) Terphenyl-d14	12.73	244	1120229	55.12	ng	-0.07
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	269314	11.52	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

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BNA_F

ClientSampleId :

DUP01-020516

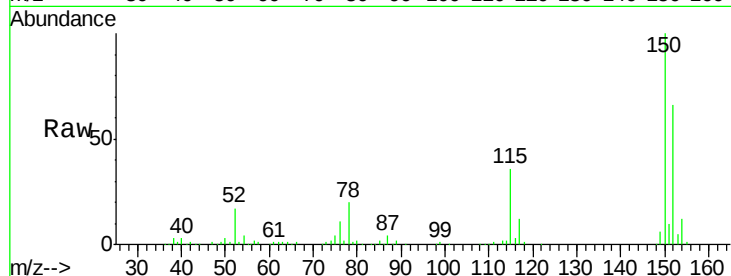
Tot Ion:152 Resp: 161933

Ion Ratio Lower Upper

152 100

150 152.0 123.0 184.4

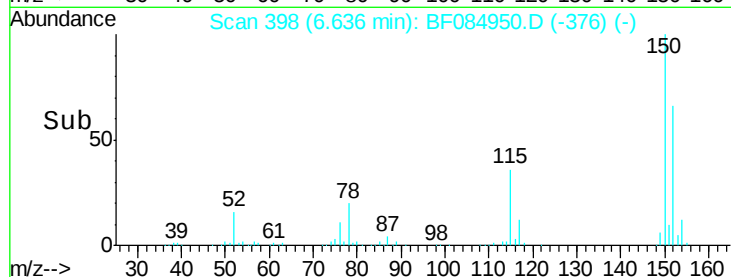
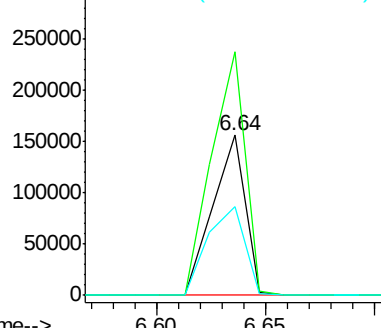
115 55.2 51.4 77.2



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: 89.25 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

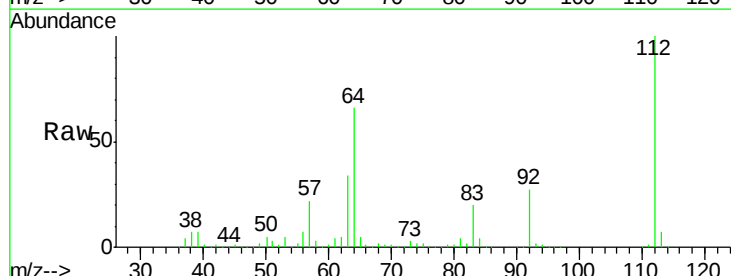
Tgt Ion:112 Resp: 927863

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

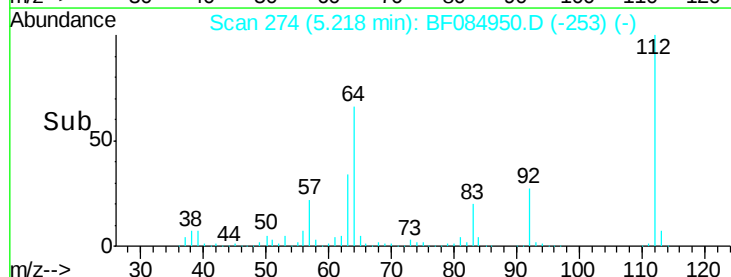
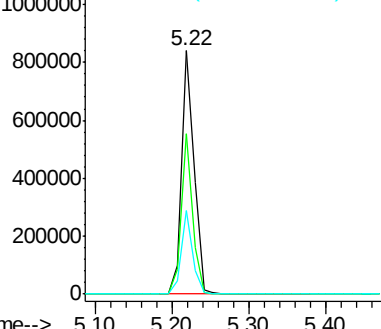
63 34.3 19.4 29.0#



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: 105.64 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

Instrument :

BNA_F

ClientSampleId :

DUP01-020516

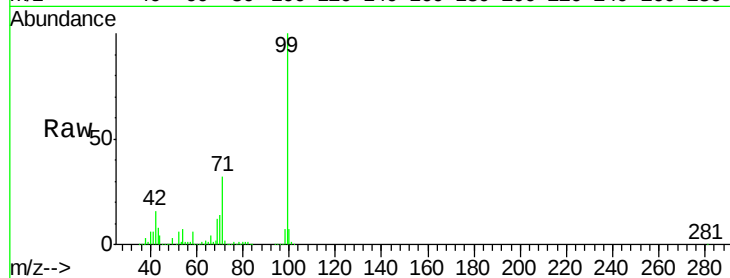
Tot Ion: 99 Resp: 1361588

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

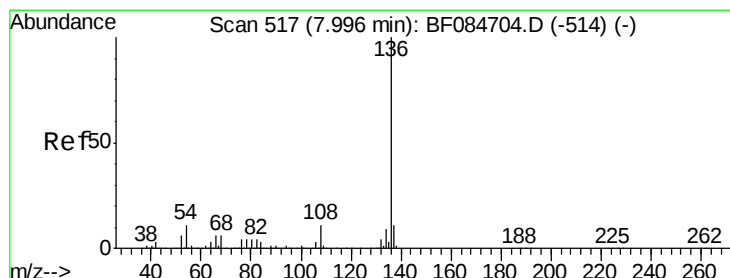
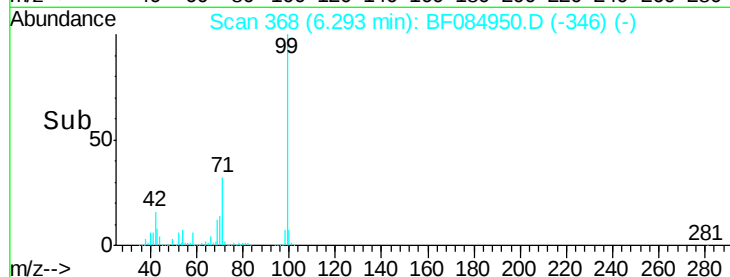
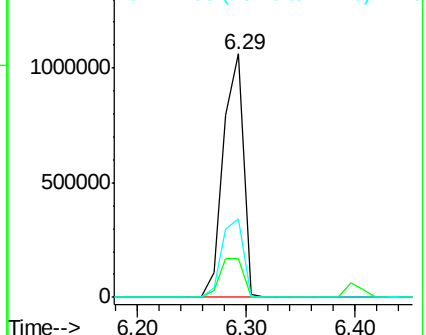
71 32.4 30.9 46.3



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: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

Tgt Ion: 136 Resp: 642677

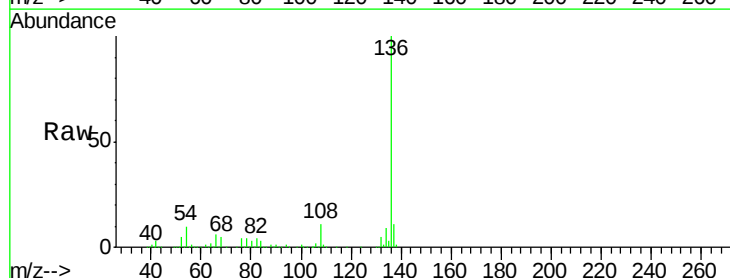
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.4 5.8 8.8#

68 5.5 4.2 6.2

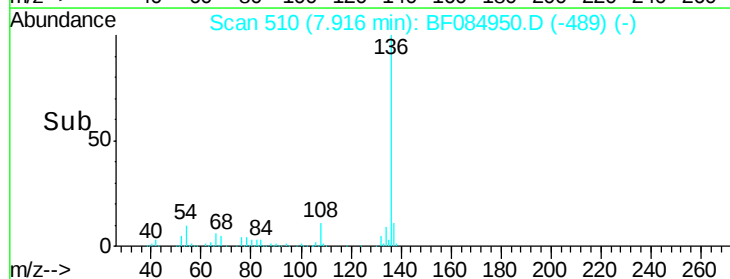
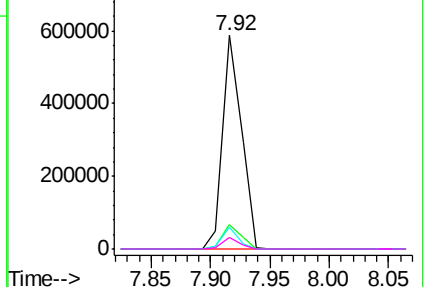


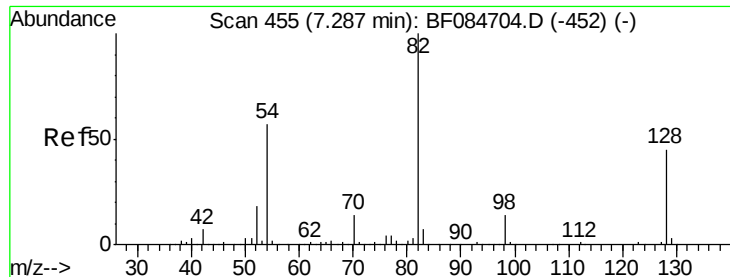
Abundance Ion 136.00 (135.70 to 136.70): E

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

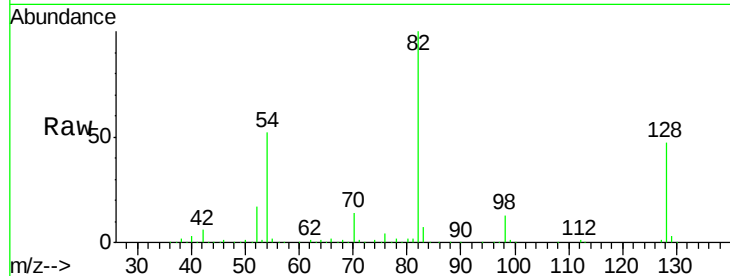




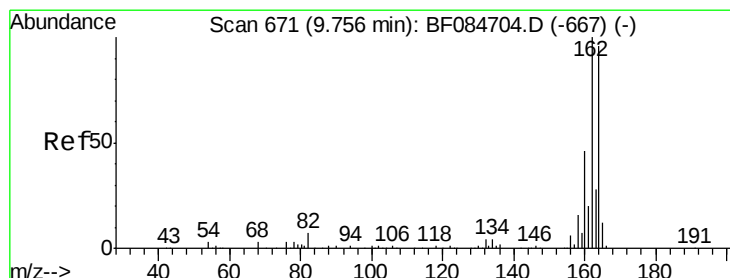
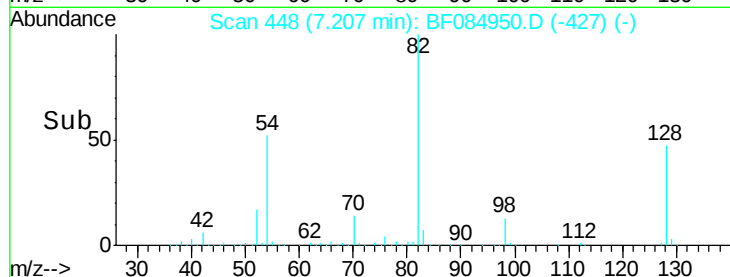
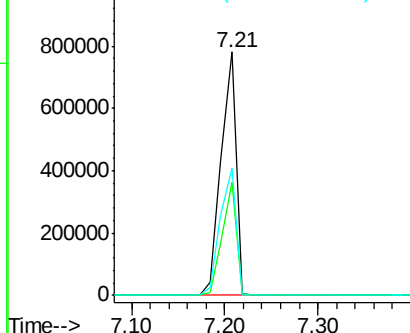
#23
 Nitrobenzene-d5
 Concen: 75.93 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084950.D
 Acq: 9 Feb 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-020516

Tot Ion: 82 Resp: 866264
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.6 51.8
 54 52.2 38.4 57.6

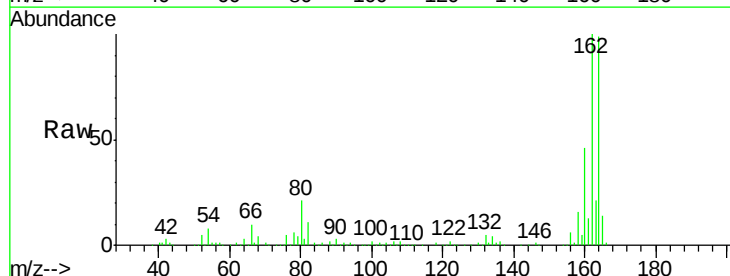


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

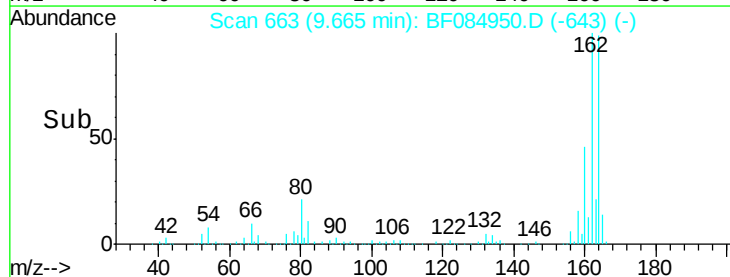
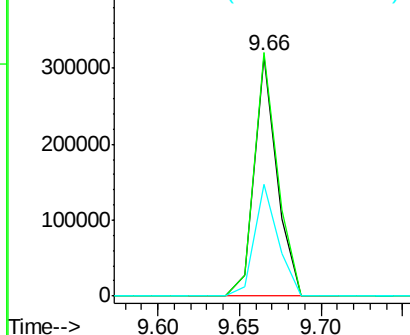


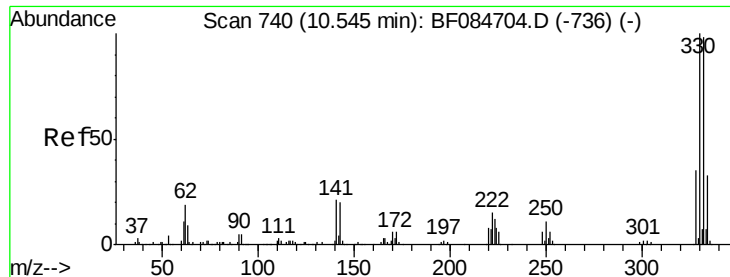
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084950.D
 Acq: 9 Feb 2016 14:22

Tgt Ion:164 Resp: 306949
 Ion Ratio Lower Upper
 164 100
 162 101.3 85.1 127.7
 160 46.4 37.5 56.3



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

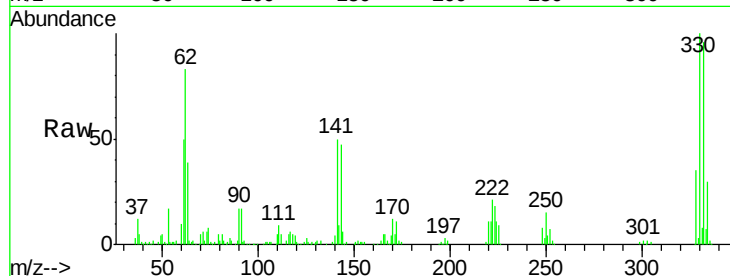




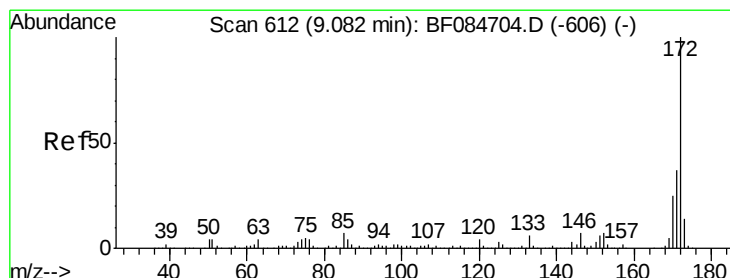
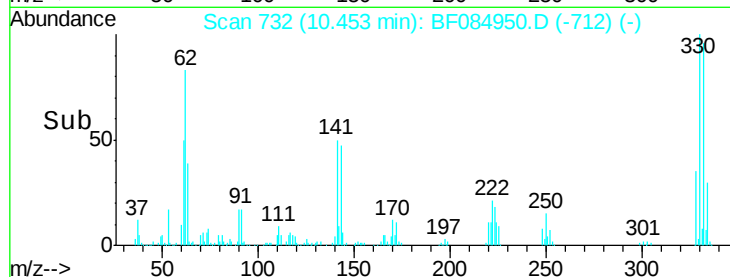
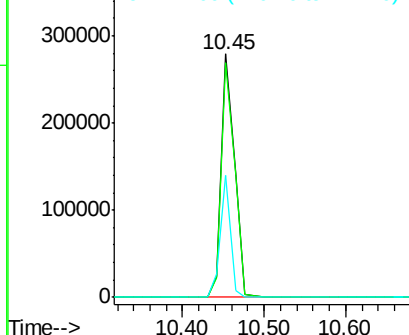
#41
 2,4,6-Tribromophenol
 Concen: 97.05 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084950.D
 Acq: 9 Feb 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-020516

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	39.4	27.8	41.6

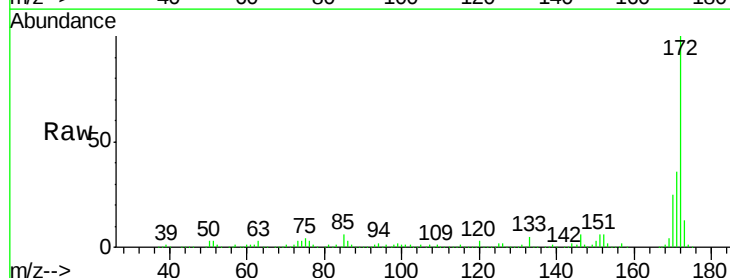


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

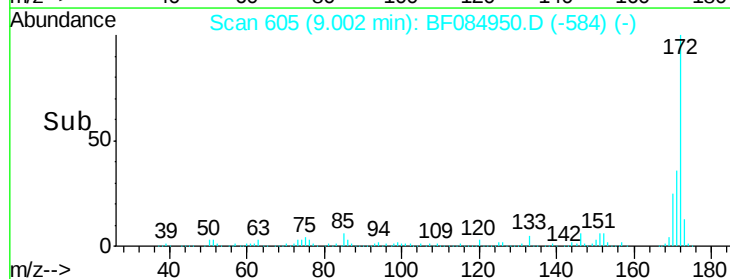
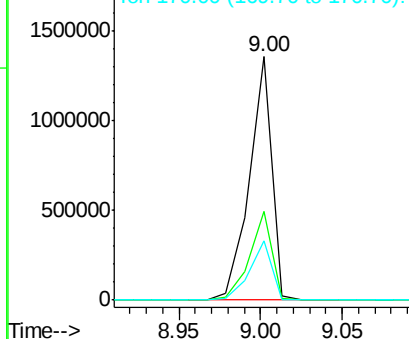


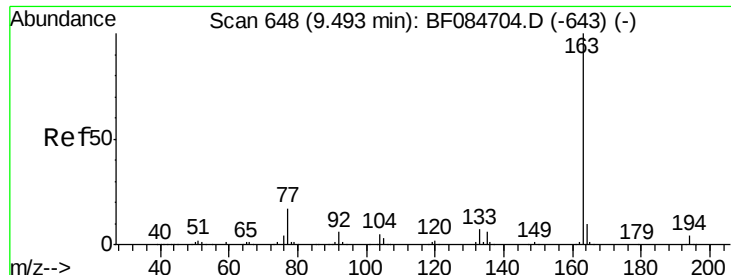
#44
 2-Fluorobiphenyl
 Concen: 65.39 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084950.D
 Acq: 9 Feb 2016 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.6	18.6	27.8



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

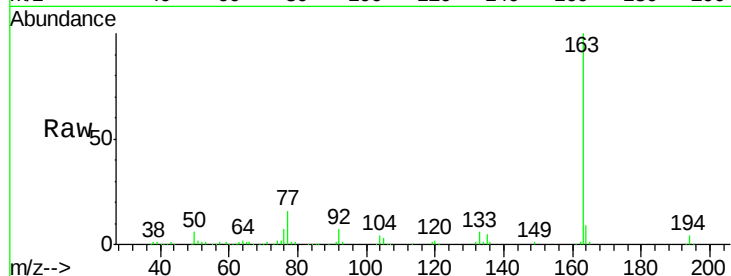




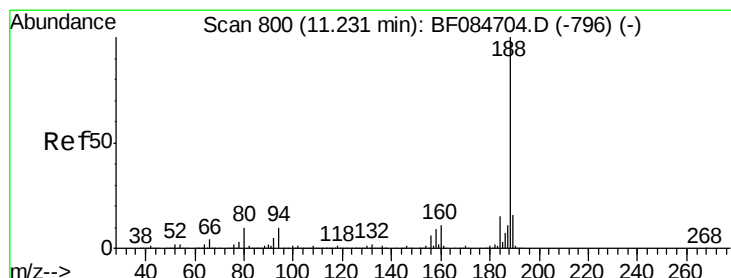
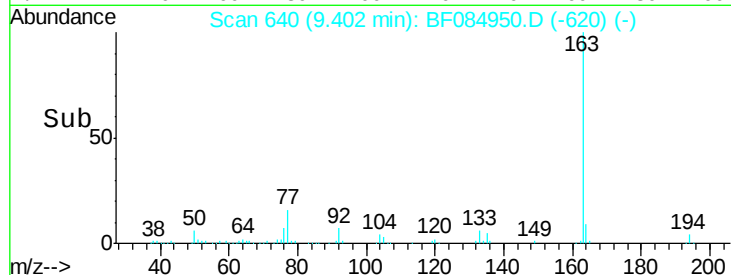
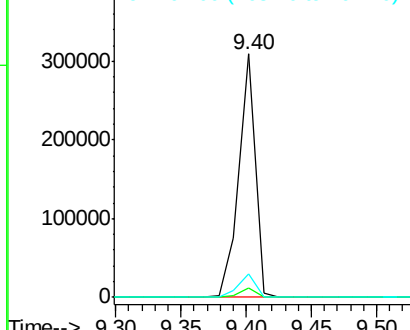
#49
Dimethylphthalate
Concen: 11.52 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084950.D
Acq: 9 Feb 2016 14:22

Instrument :
BNA_F
ClientSampleId :
DUP01-020516

Tot Ion:163 Resp: 269314
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 9.4 8.0 12.0

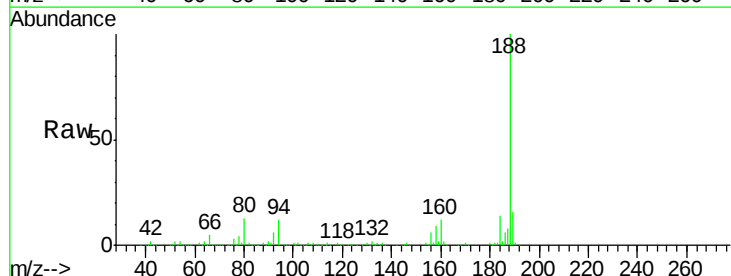


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

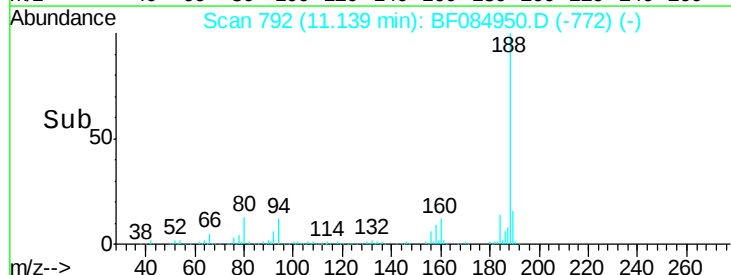
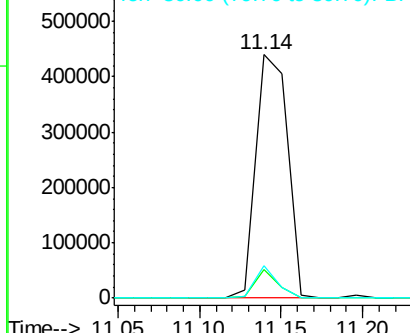


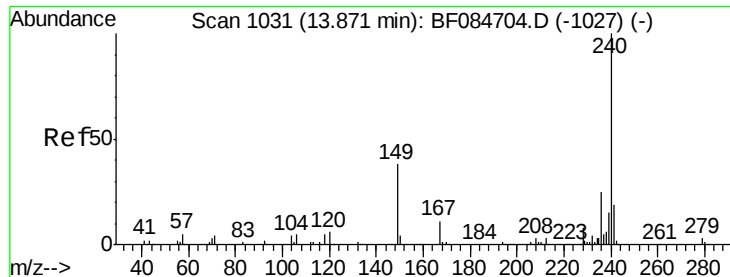
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF084950.D
Acq: 9 Feb 2016 14:22

Tgt Ion:188 Resp: 594248
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.4
80 13.1 9.6 14.4



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: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

Instrument :

BNA_F

ClientSampleId :

DUP01-020516

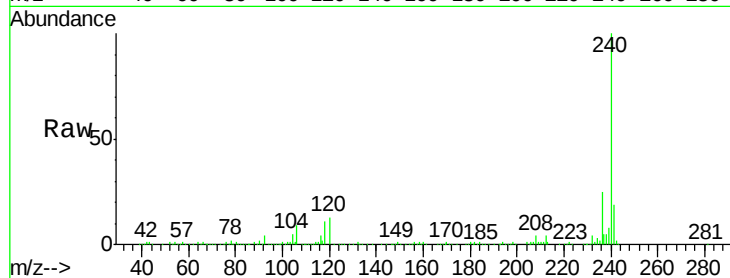
Tot Ion:240 Resp: 460543

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

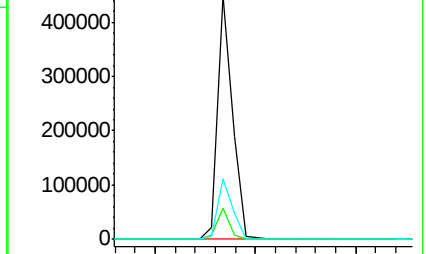
236 25.0 20.6 31.0



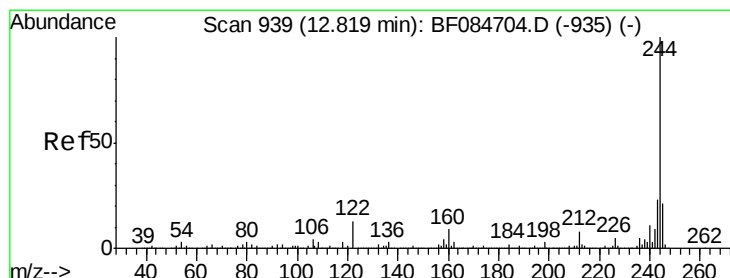
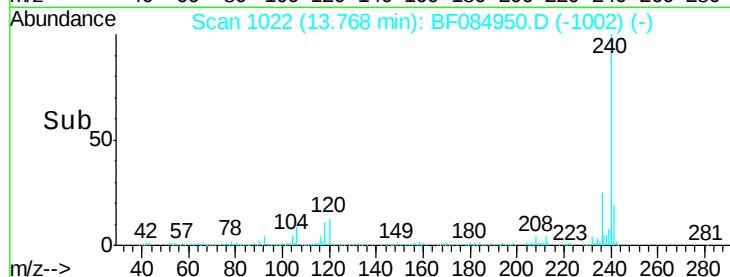
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 55.12 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

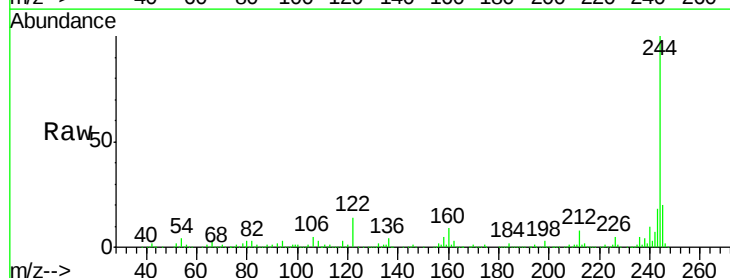
Tgt Ion:244 Resp: 1120229

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

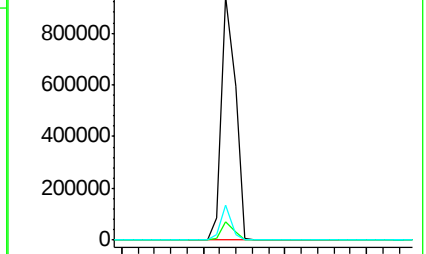
122 14.4 7.4 11.0#



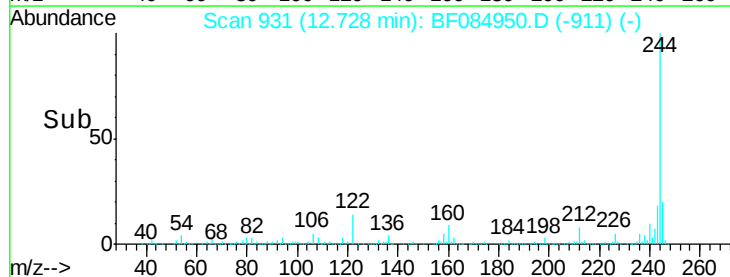
Abundance Ion 244.00 (243.70 to 244.70): E

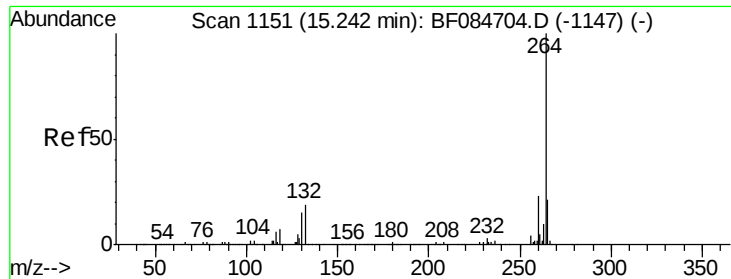
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BF084950.D
 Acq: 9 Feb 2016 14:22

Instrument :
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 ClientSampleId :
 DUP01-020516

Tot Ion:264 Resp: 331311
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.4 29.2
 265 21.4 17.8 26.6

