

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084953.D
 Acq On : 9 Feb 2016 15:46
 Operator : SJ/IZ
 Sample : PB88264BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BL

Quant Time: Feb 10 03:57:54 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	139497	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	577701	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	277782	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	528193	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	438146	20.00	ng	-0.07
86) Perylene-d12	15.13	264	316669	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1179549	131.71	ng	-0.05
7) Phenol-d6	6.29	99	1600021	144.11	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1016485	99.12	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	384891	132.84	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1636909	110.10	ng	-0.06
78) Terphenyl-d14	12.74	244	1756109	90.82	ng	-0.06

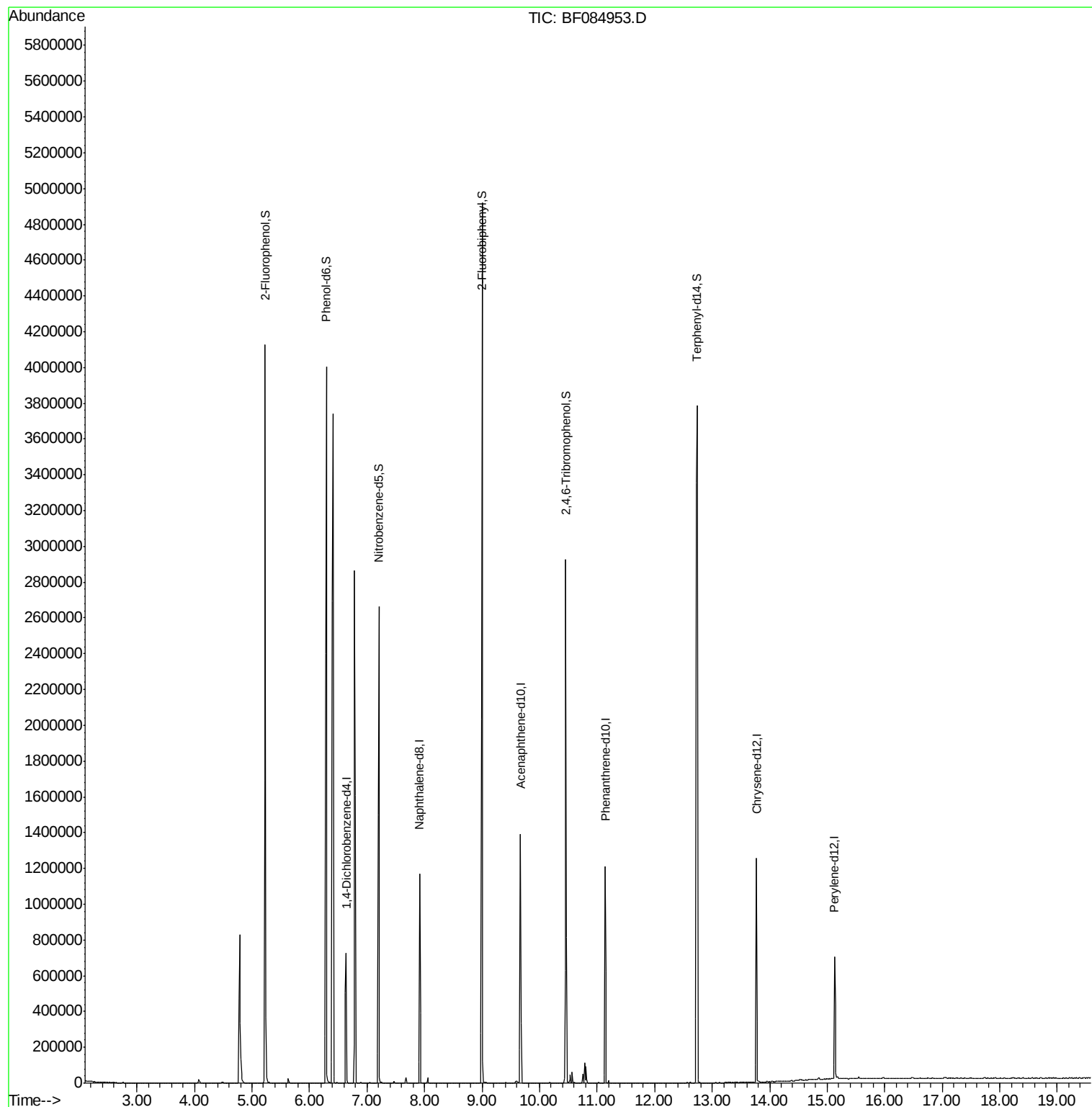
Target Compounds Qvalue

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

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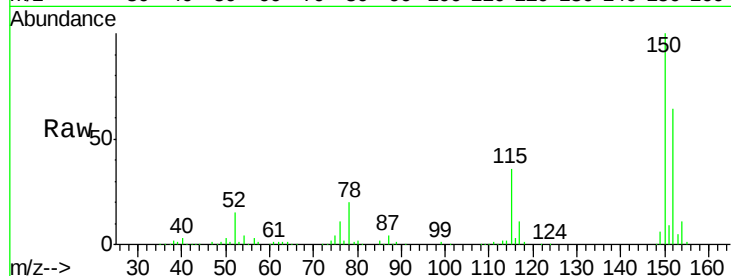


#1

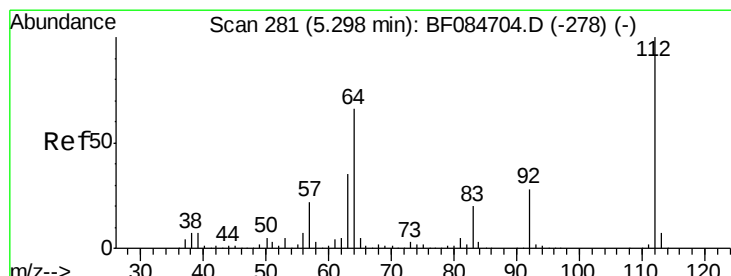
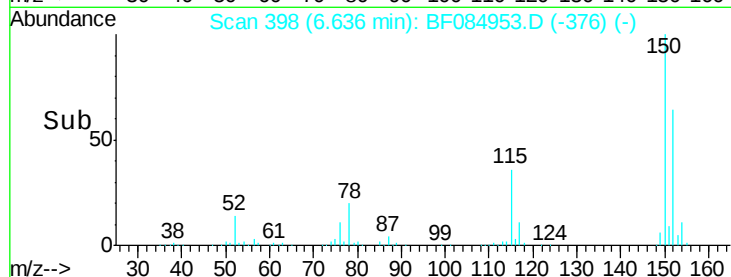
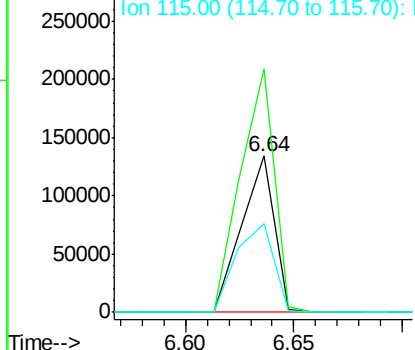
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084953.D
Acq: 9 Feb 2016 15:46

Instrument :
BNA_F
ClientSampleId :
PB88264BL

Tot Ion:152 Resp: 139497
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 56.7 51.4 77.2



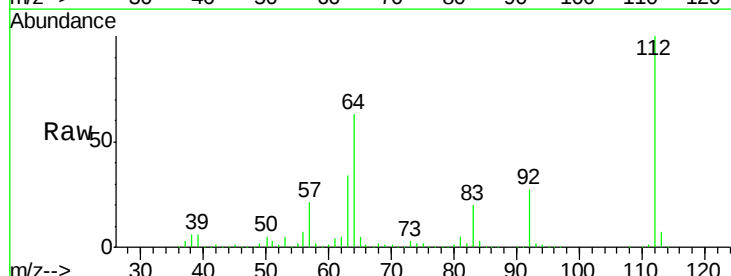
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



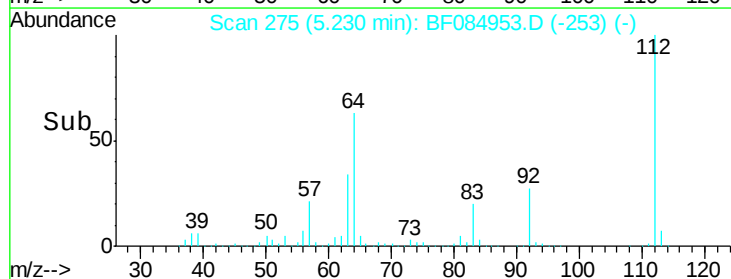
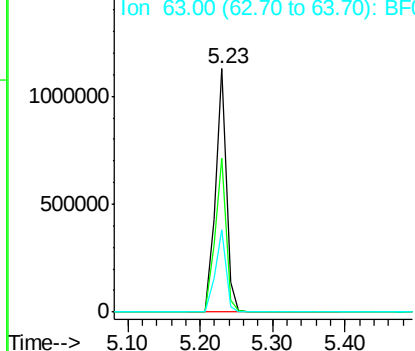
#5

2-Fluorophenol
Concen: 131.71 ng
RT: 5.23 min Scan# 275
Delta R.T. -0.05 min
Lab File: BF084953.D
Acq: 9 Feb 2016 15:46

Tgt Ion:112 Resp: 1179549
Ion Ratio Lower Upper
112 100
64 63.1 36.6 55.0#
63 33.8 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: 144.11 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084953.D

Acq: 9 Feb 2016 15:46

Instrument :

BNA_F

ClientSampleId :

PB88264BL

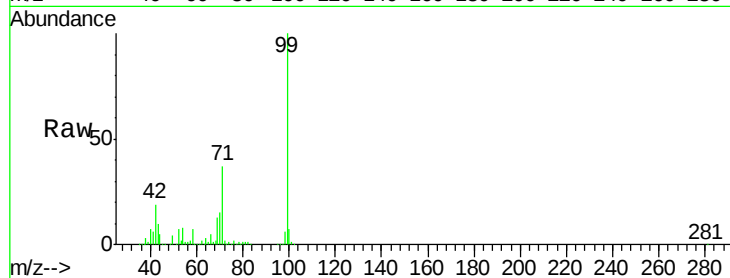
Tot Ion: 99 Resp: 1600021

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

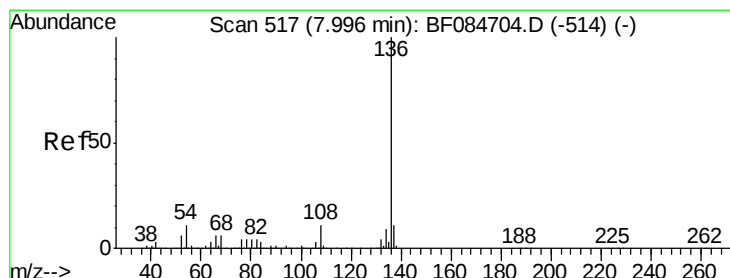
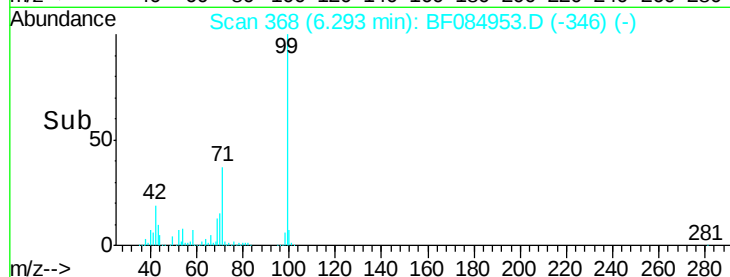
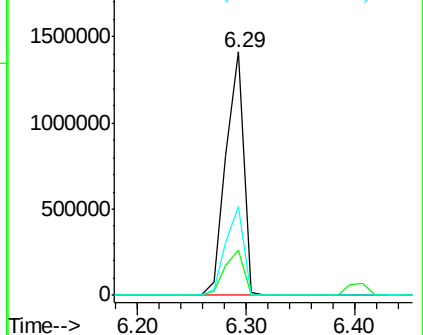
71 36.6 30.9 46.3



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: BF084953.D

Acq: 9 Feb 2016 15:46

Tgt Ion: 136 Resp: 577701

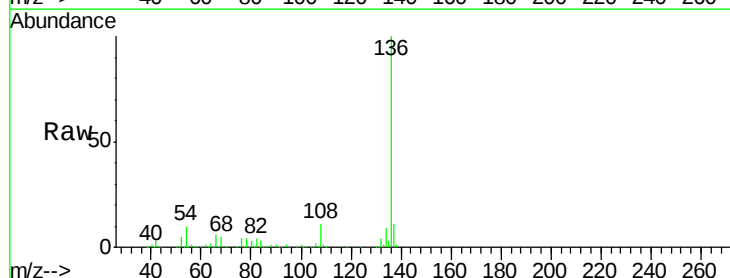
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.0 5.8 8.8#

68 5.4 4.2 6.2

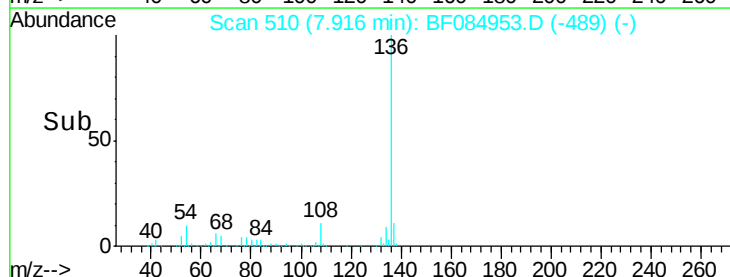
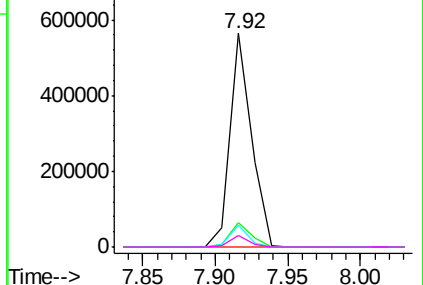


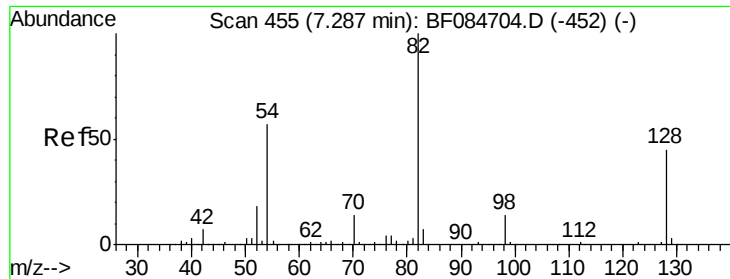
Abundance Ion 136.00 (135.70 to 136.70): E

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

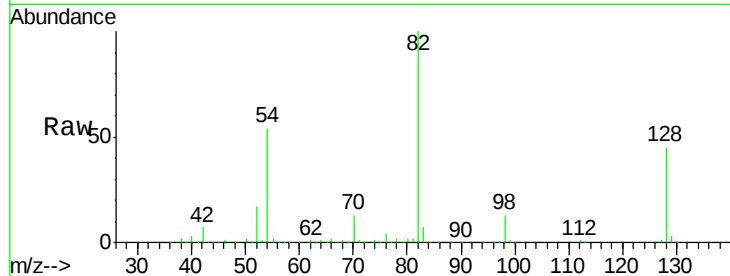




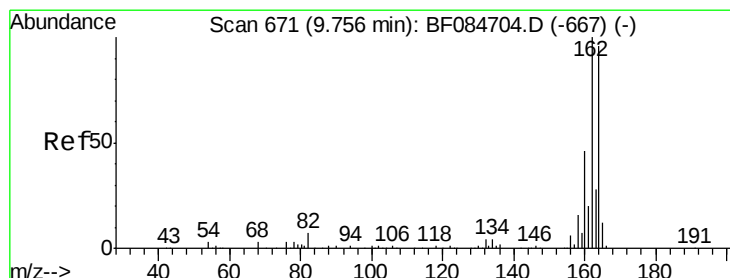
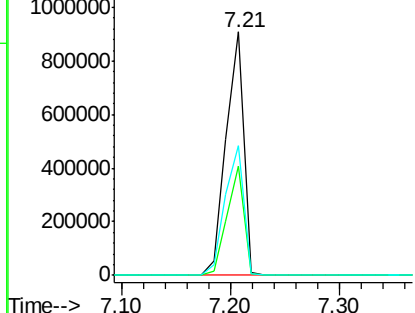
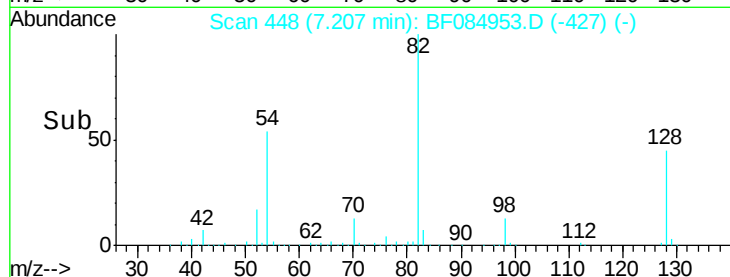
#23
 Nitrobenzene-d5
 Concen: 99.12 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BL

Tot Ion: 82 Resp: 1016485
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 51.8
 54 53.5 38.4 57.6

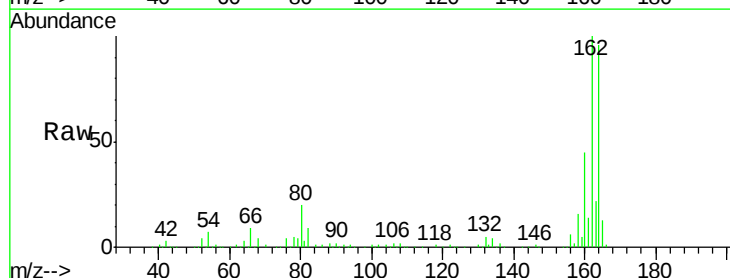


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

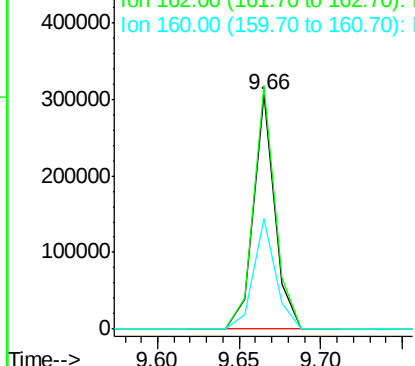
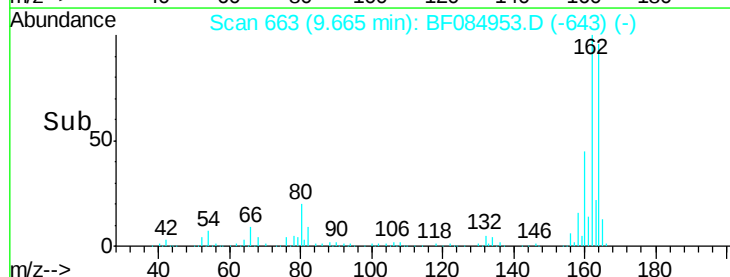


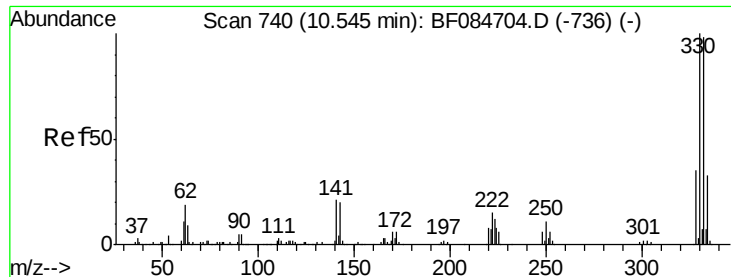
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Tgt Ion:164 Resp: 277782
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 47.2 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

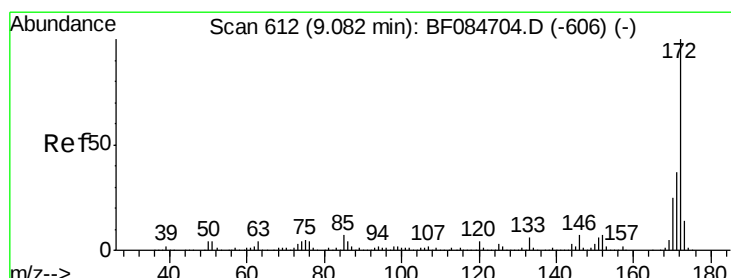
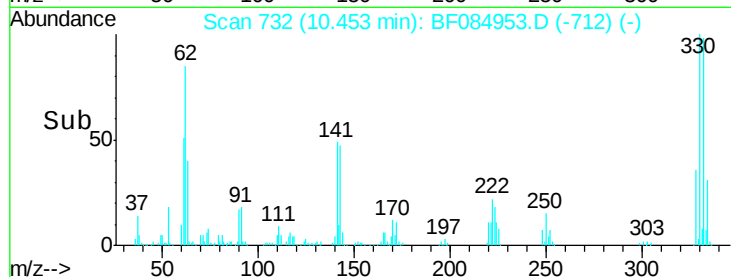
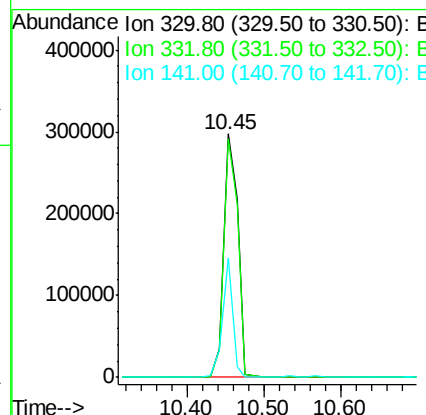
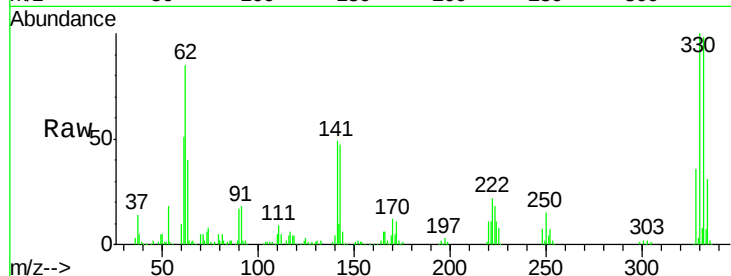




#41
 2,4,6-Tribromophenol
 Concen: 132.84 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

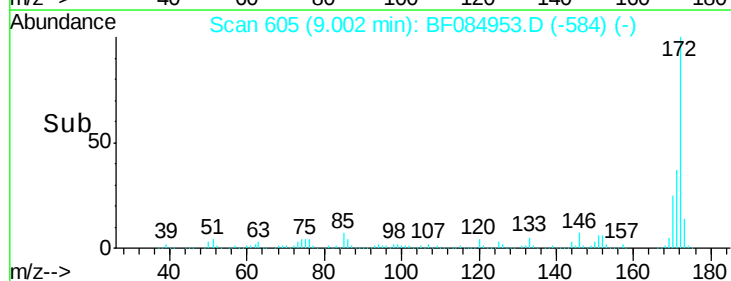
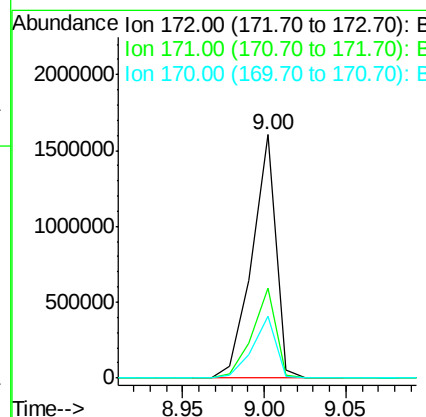
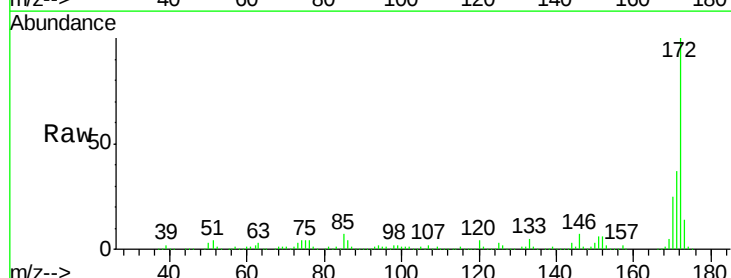
Instrument :
 BNA_F
 ClientSampleId :
 PB88264BL

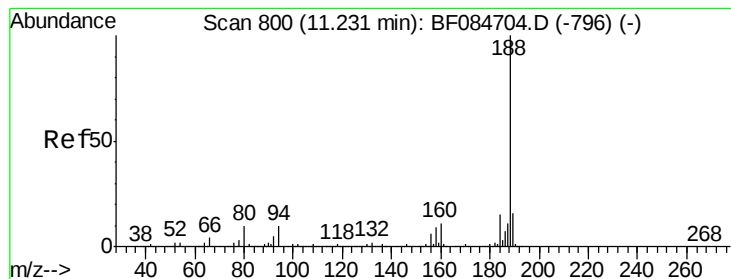
Tot Ion:330 Resp: 384891
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 34.7 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 110.10 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Tgt Ion:172 Resp: 1636909
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 25.2 18.6 27.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084953.D

Acq: 9 Feb 2016 15:46

Instrument :

BNA_F

ClientSampleId :

PB88264BL

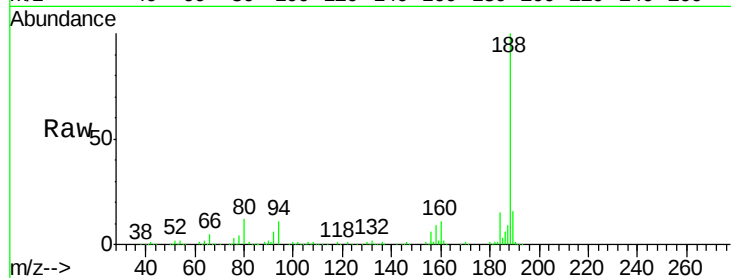
Tot Ion:188 Resp: 528193

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

80 12.3 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

600000

500000

400000

300000

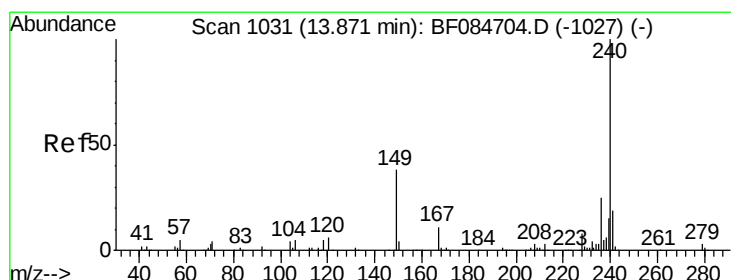
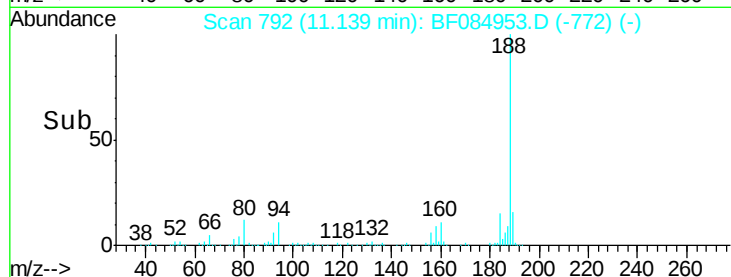
200000

100000

0

11.10 11.15 11.20

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084953.D

Acq: 9 Feb 2016 15:46

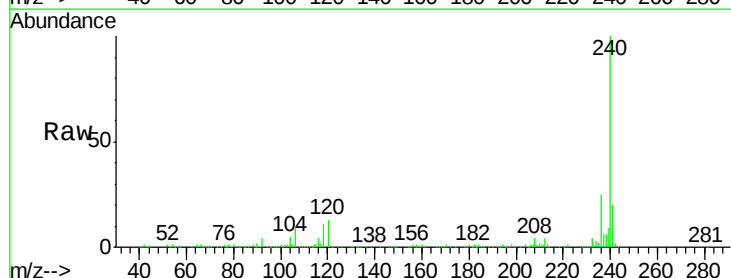
Tgt Ion:240 Resp: 438146

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

236 25.2 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

600000

500000

400000

300000

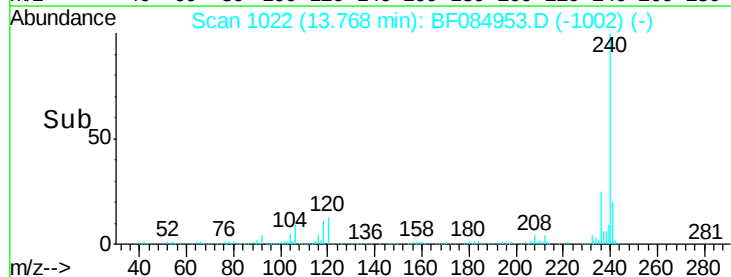
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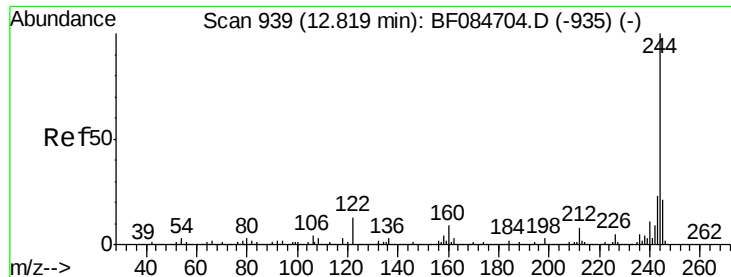
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0

13.70 13.80 13.90

Time-->

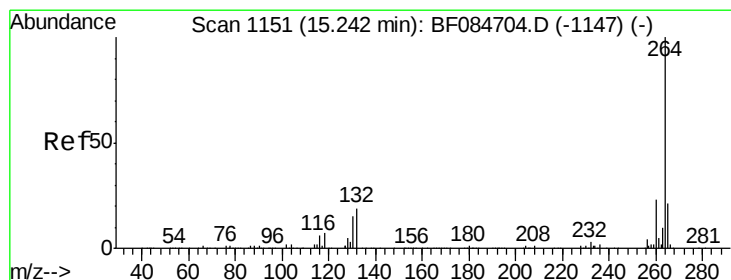
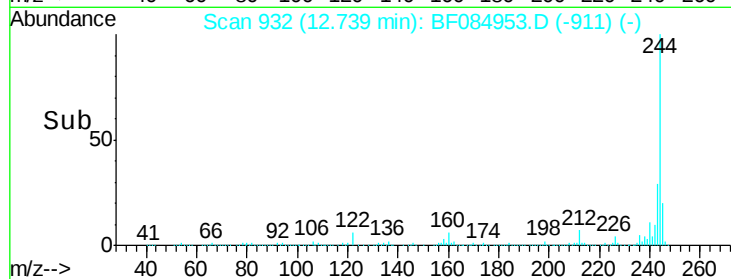
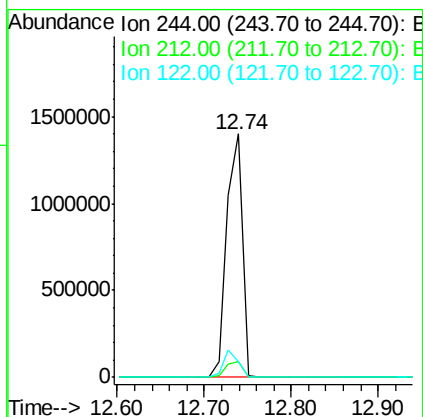
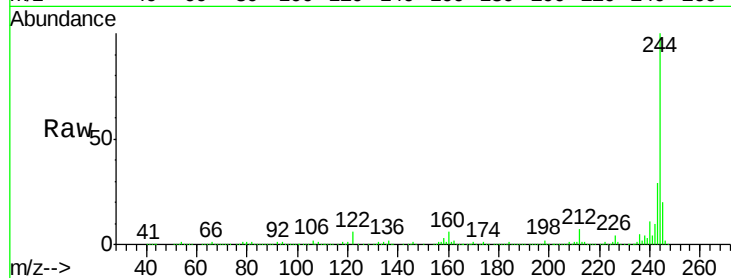




#78
 Terphenyl-d14
 Concen: 90.82 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.06 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

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Tot Ion:244 Resp: 1756109
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 6.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BF084953.D
 Acq: 9 Feb 2016 15:46

Tgt Ion:264 Resp: 316669
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.9 17.8 26.6

