

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080824.D
 Acq On : 4 Aug 2015 3:11
 Operator : TP
 Sample : PB84815BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BL

Quant Time: Aug 04 05:03:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	165951	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	599822	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	296206	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	572388	20.00	ng	0.00
75) Chrysene-d12	13.97	240	371887	20.00	ng	-0.01
86) Perylene-d12	15.39	264	307089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1161949	116.73	ng	0.01
7) Phenol-d6	6.46	99	1532176	114.43	ng	0.00
23) Nitrobenzene-d5	7.39	82	827243	68.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	340977	120.13	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1598468	81.57	ng	0.00
78) Terphenyl-d14	12.93	244	1344825	72.07	ng	0.00

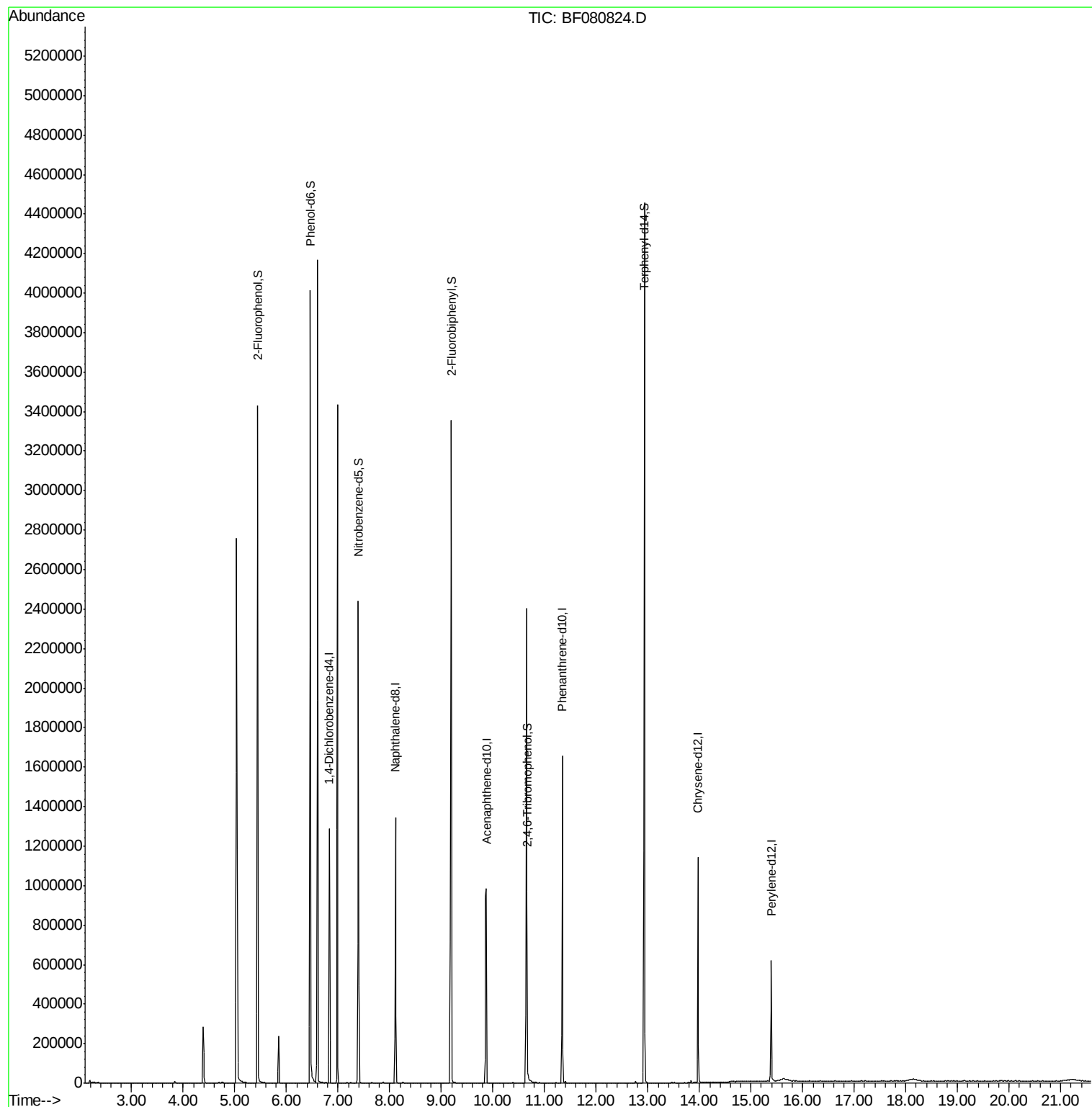
Target Compounds	Qvalue
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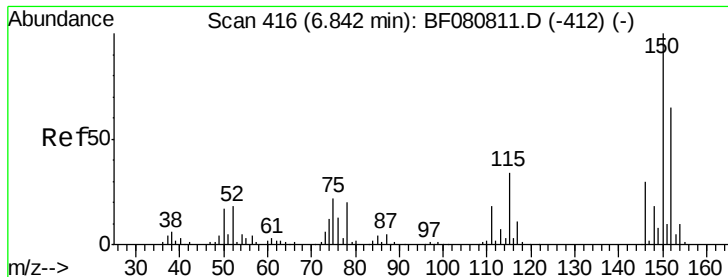
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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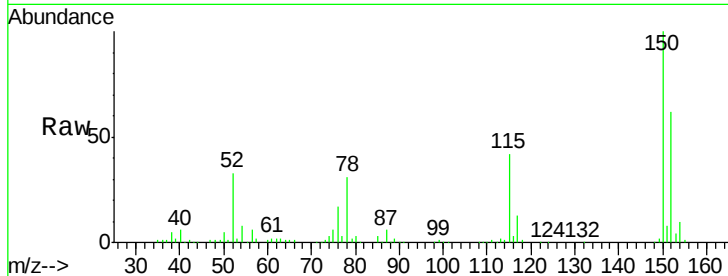


#1

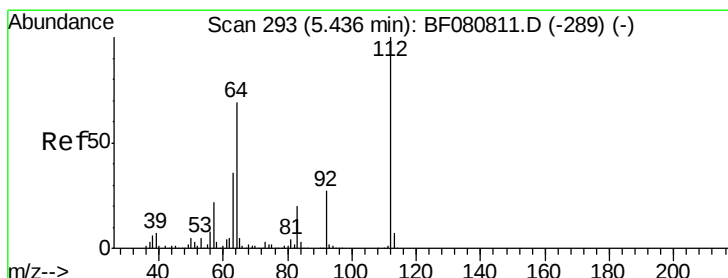
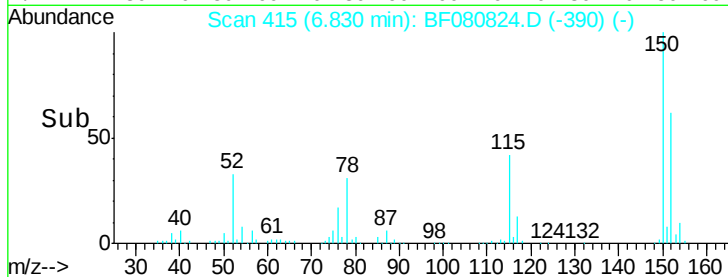
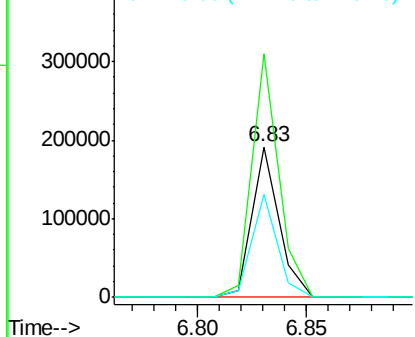
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Instrument :
BNA_F
ClientSampleId :
PB84815BL

Tgt Ion:152 Resp: 165951
Ion Ratio Lower Upper
152 100
150 161.9 122.9 184.3
115 68.0 42.0 63.0#



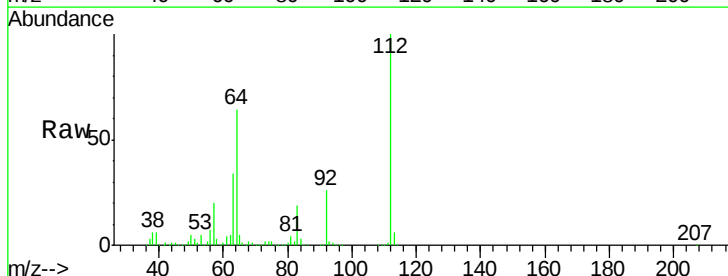
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



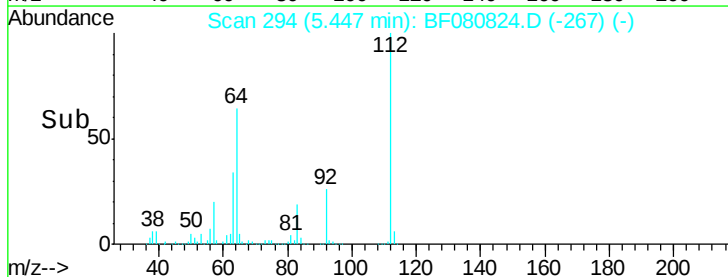
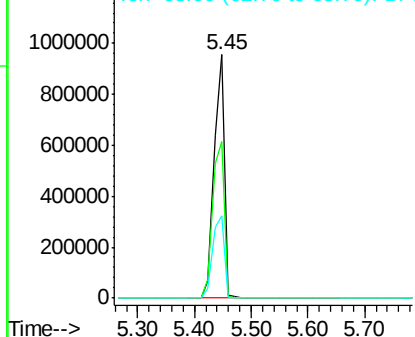
#5

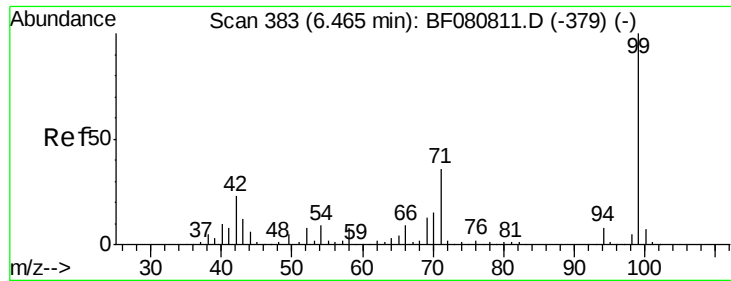
2-Fluorophenol
Concen: 116.73 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Tgt Ion:112 Resp: 1161949
Ion Ratio Lower Upper
112 100
64 64.1 55.0 82.4
63 33.8 28.6 42.8



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: 114.43 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PB84815BL

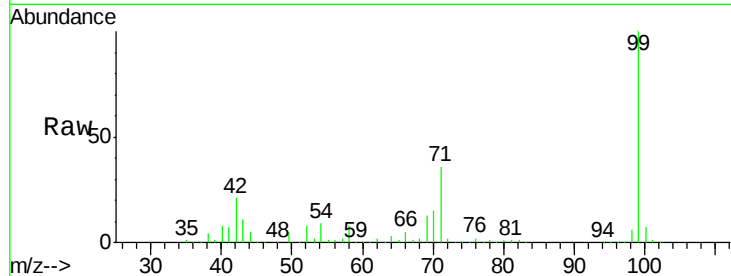
Tgt Ion: 99 Resp: 1532176

Ion Ratio Lower Upper

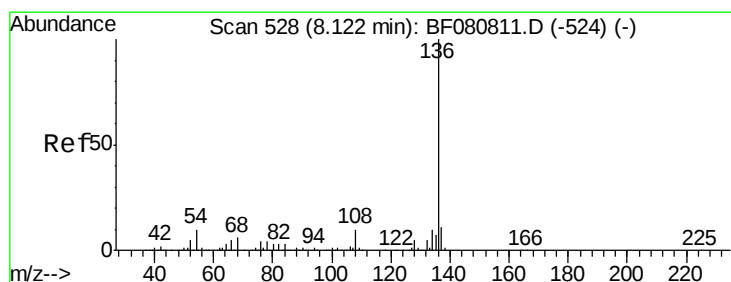
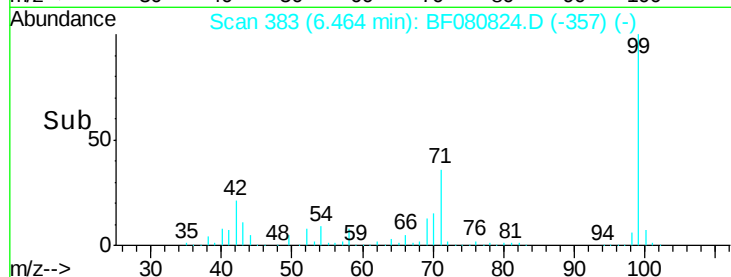
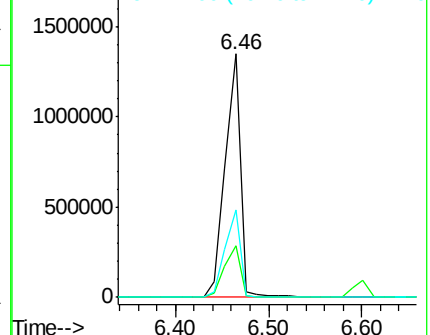
99 100

42 21.4 18.4 27.6

71 35.7 28.7 43.1



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: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

Tgt Ion: 136 Resp: 599822

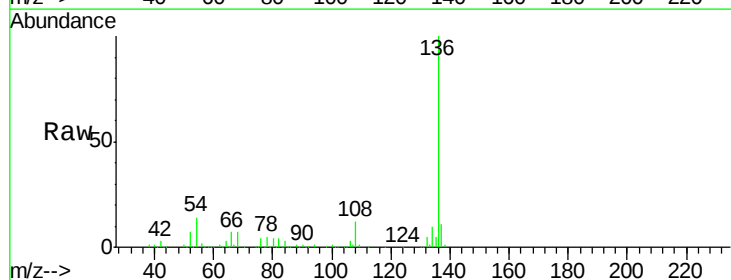
Ion Ratio Lower Upper

136 100

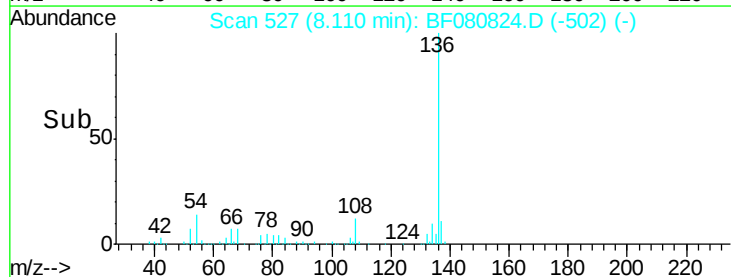
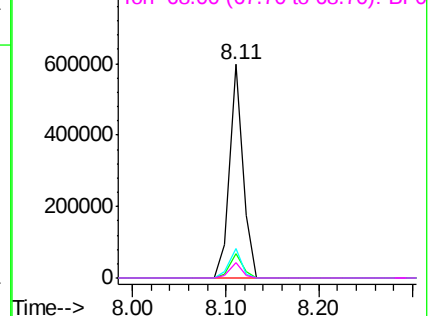
137 11.4 8.8 13.2

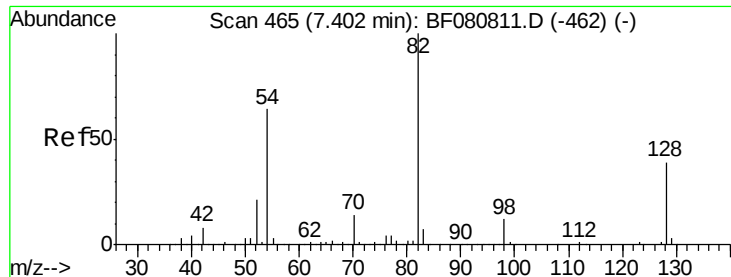
54 14.0 7.9 11.9#

68 7.1 4.4 6.6#



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: 68.06 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

Instrument :

BNA_F

ClientSampleId :

PB84815BL

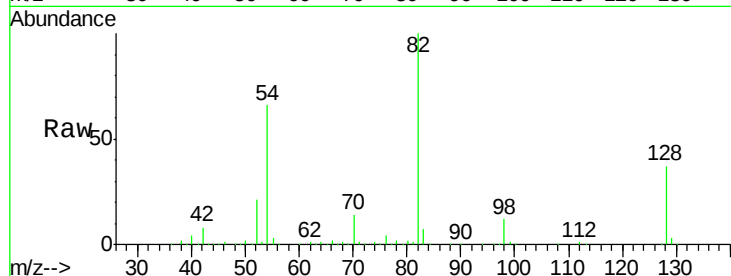
Tgt Ion: 82 Resp: 827243

Ion Ratio Lower Upper

82 100

128 36.7 31.4 47.0

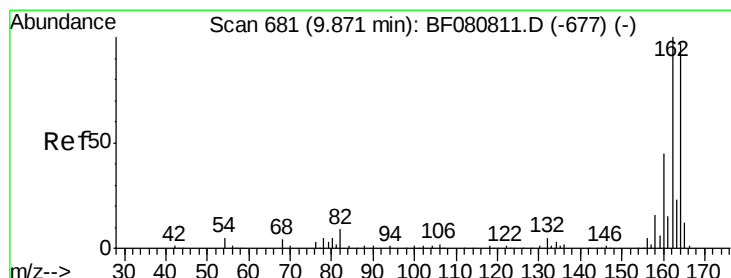
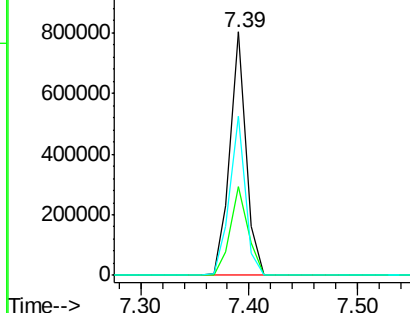
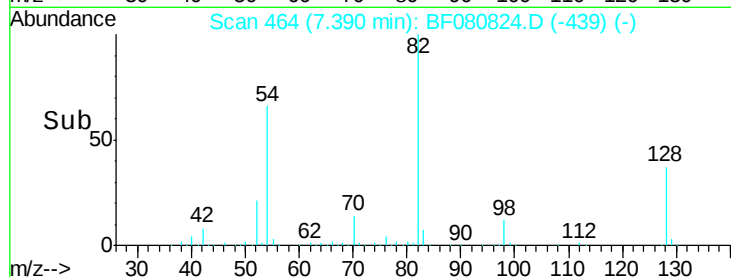
54 65.6 51.0 76.4



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: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF080824.D

Acq: 4 Aug 2015 3:11

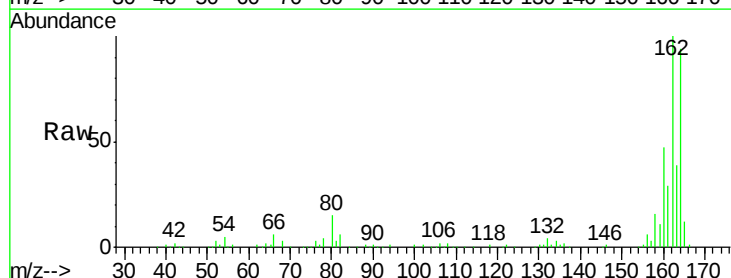
Tgt Ion: 164 Resp: 296206

Ion Ratio Lower Upper

164 100

162 106.2 82.3 123.5

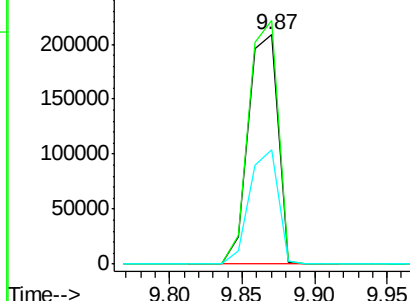
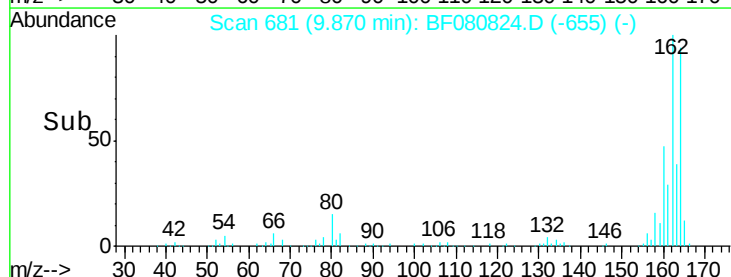
160 50.0 37.3 55.9

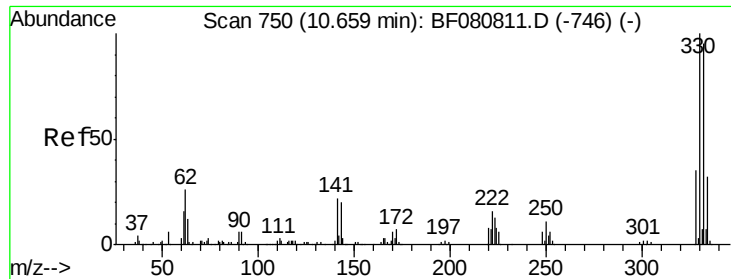


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

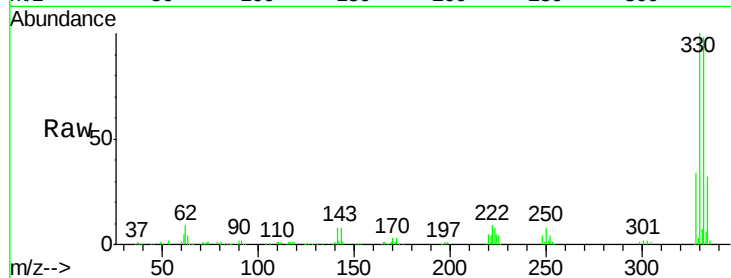




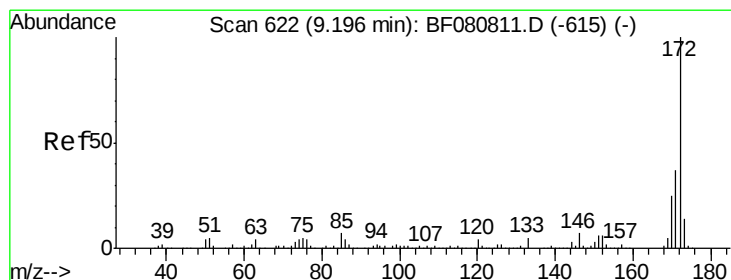
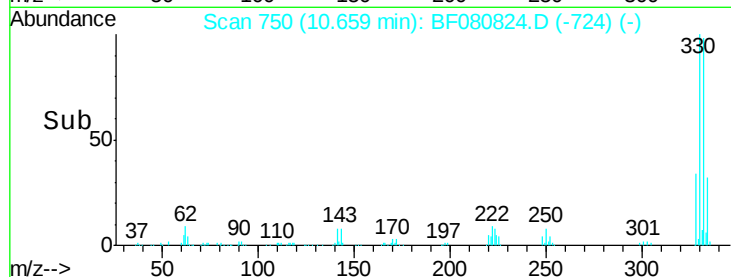
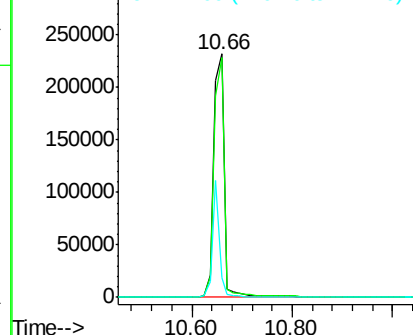
#41
 2,4,6-Tribromophenol
 Concen: 120.13 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080824.D
 Acq: 4 Aug 2015 3:11

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BL

Tgt Ion:330 Resp: 340977
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 31.7 25.4 38.0

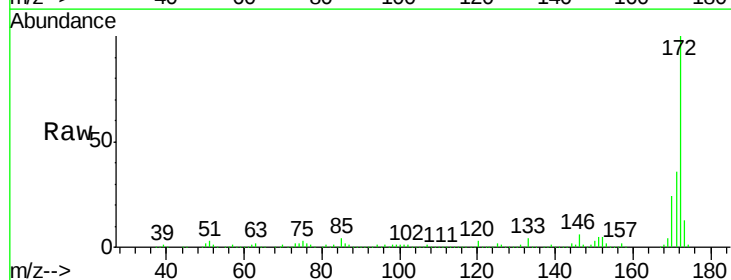


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

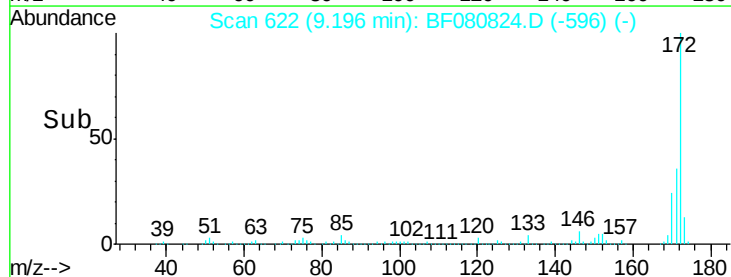
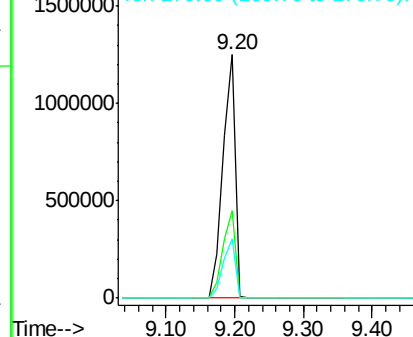


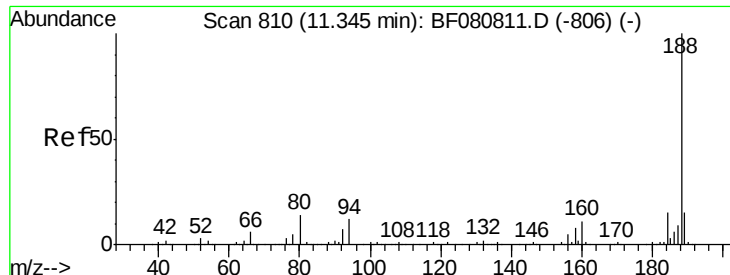
#44
 2-Fluorobiphenyl
 Concen: 81.57 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080824.D
 Acq: 4 Aug 2015 3:11

Tgt Ion:172 Resp: 1598468
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.0 45.0
 170 24.4 20.2 30.4



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

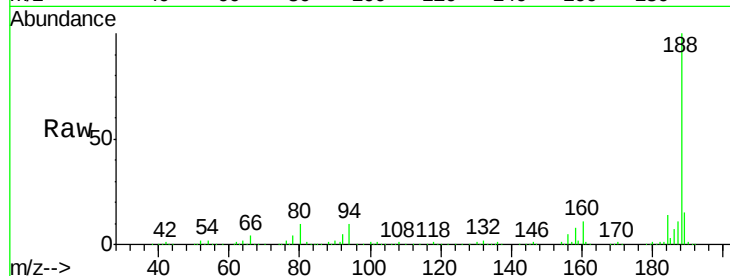




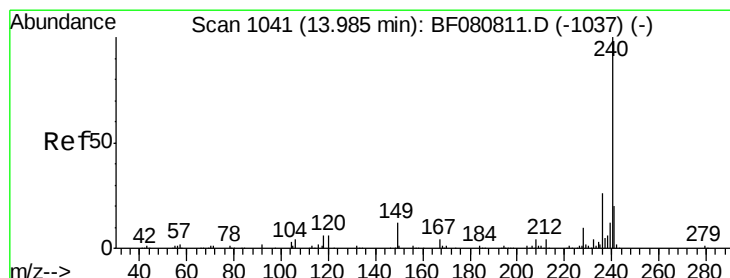
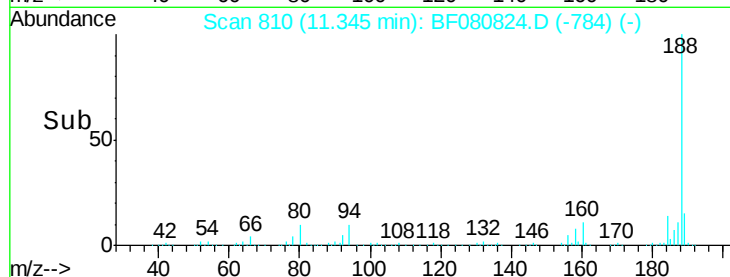
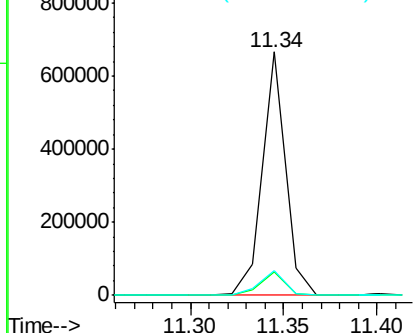
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Instrument :
BNA_F
ClientSampleId :
PB84815BL

Tgt Ion:188 Resp: 572388
Ion Ratio Lower Upper
188 100
94 9.6 9.7 14.5#
80 10.3 11.2 16.8#

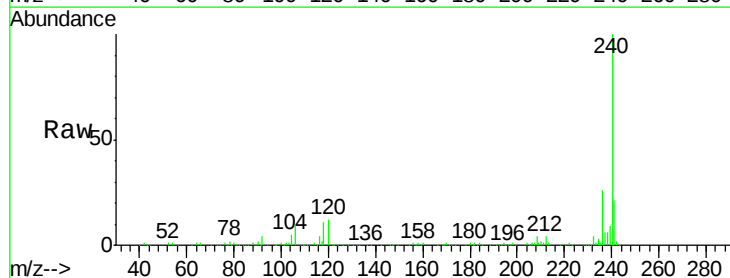


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

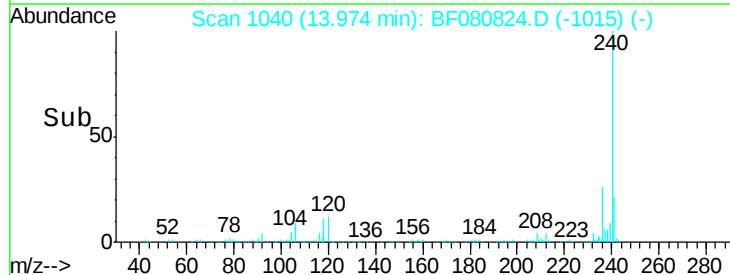
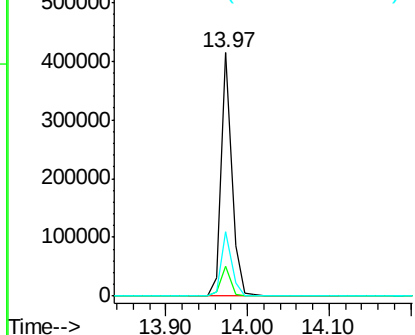


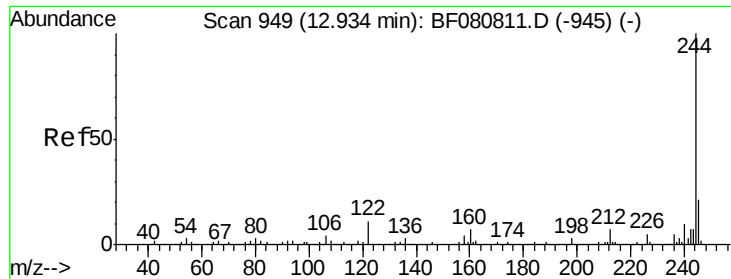
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF080824.D
Acq: 4 Aug 2015 3:11

Tgt Ion:240 Resp: 371887
Ion Ratio Lower Upper
240 100
120 12.1 5.0 7.4#
236 26.4 20.8 31.2



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

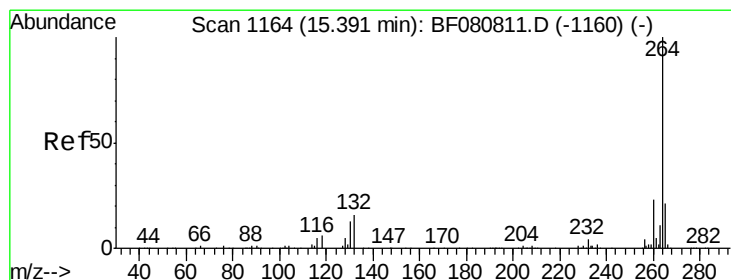
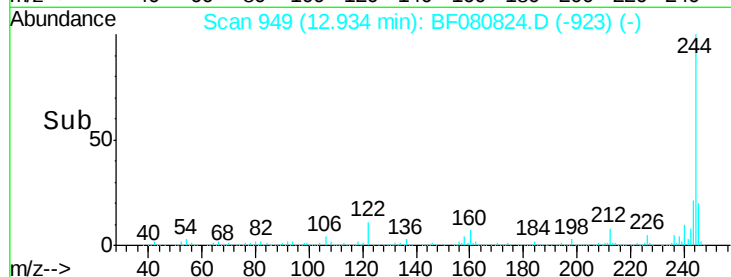
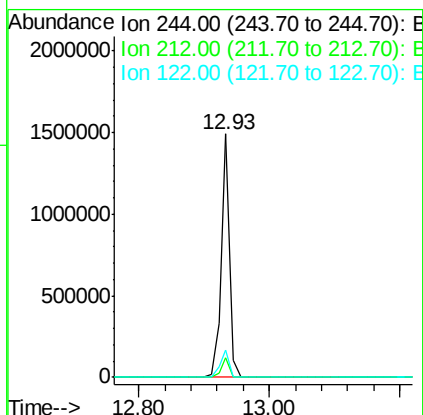
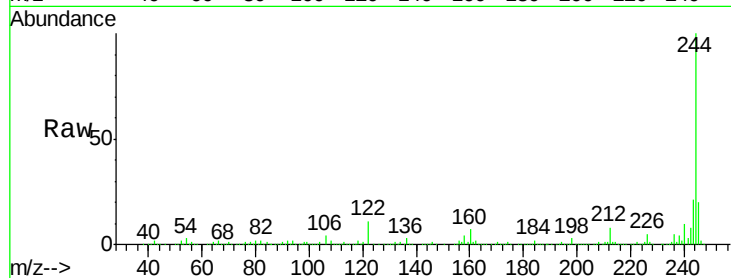




#78
 Terphenyl-d14
 Concen: 72.07 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080824.D
 Acq: 4 Aug 2015 3:11

Instrument :
 BNA_F
 ClientSampleId :
 PB84815BL

Tgt Ion:244 Resp: 1344825
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 11.0 9.1 13.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080824.D
 Acq: 4 Aug 2015 3:11

Tgt Ion:264 Resp: 307089
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.4 17.0 25.6

