

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083602.D
 Acq On : 8 Dec 2015 18:51
 Operator : UM/IZ
 Sample : PB86955BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BL

Quant Time: Dec 09 02:23:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	173656	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	677963	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	345300	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	665840	20.00	ng	0.00
75) Chrysene-d12	16.99	240	614027	20.00	ng	0.00
86) Perylene-d12	18.63	264	521968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.98	112	1269487	110.88	ng	0.01
7) Phenol-d6	5.26	99	1670967	109.23	ng	-0.01
23) Nitrobenzene-d5	6.52	82	1065352	73.32	ng	-0.01
41) 2,4,6-Tribromophenol	11.68	330	341816	111.11	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1776473	72.41	ng	0.00
78) Terphenyl-d14	15.41	244	1733027	66.41	ng	0.00

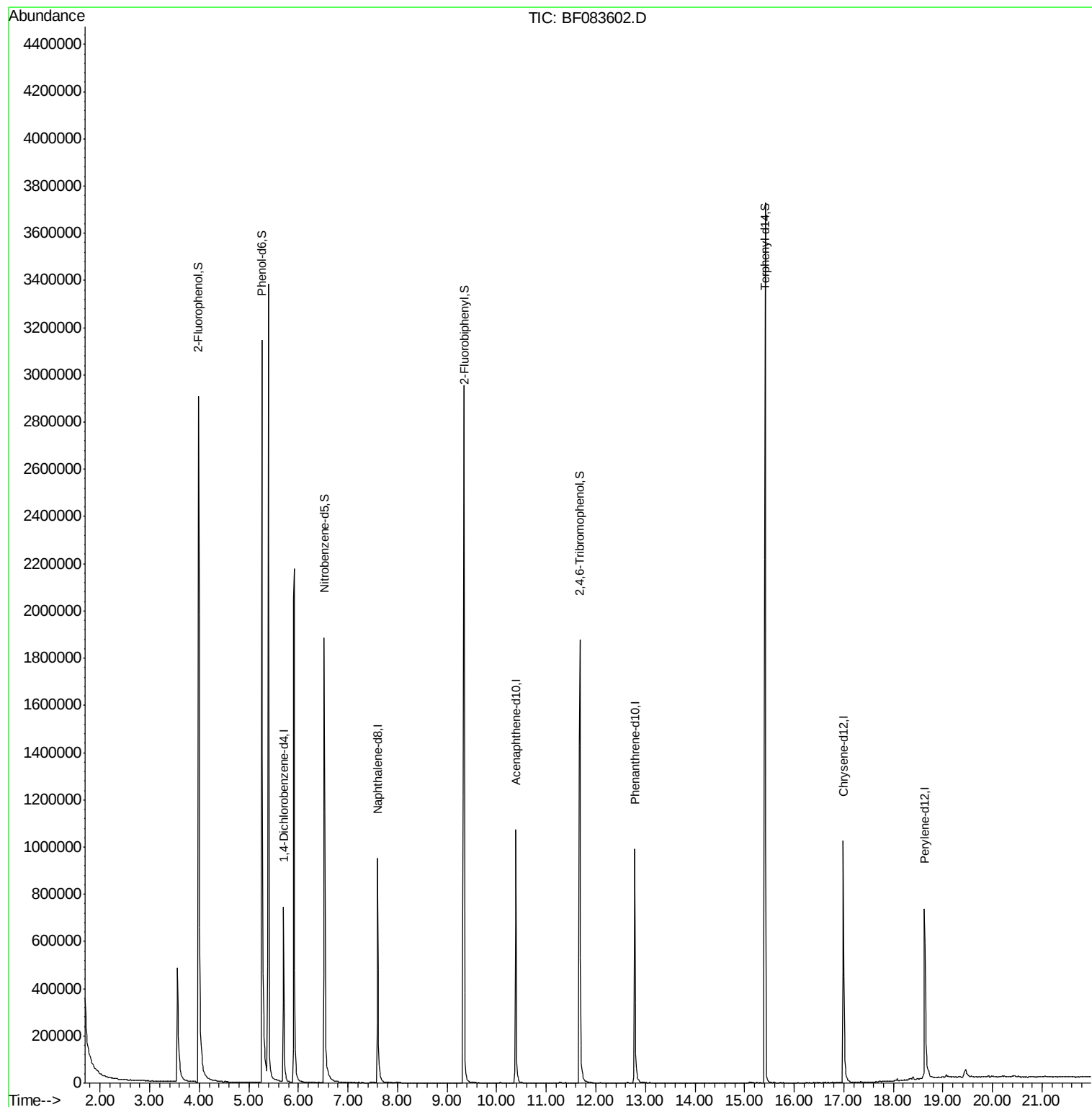
Target Compounds	Qvalue
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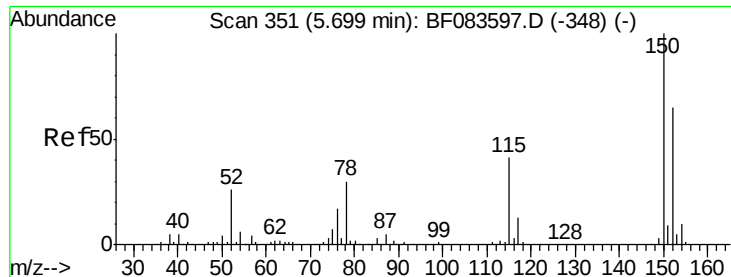
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.70 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB86955BL

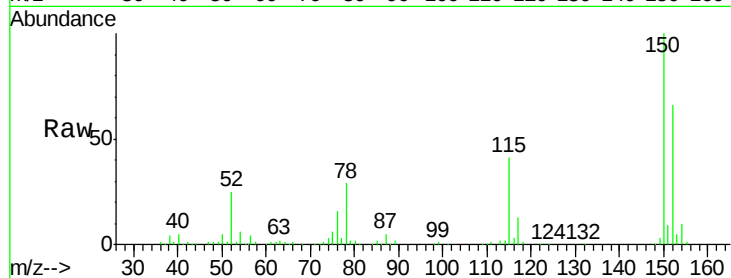
Tgt Ion:152 Resp: 173656

Ion Ratio Lower Upper

152 100

150 152.1 126.5 189.7

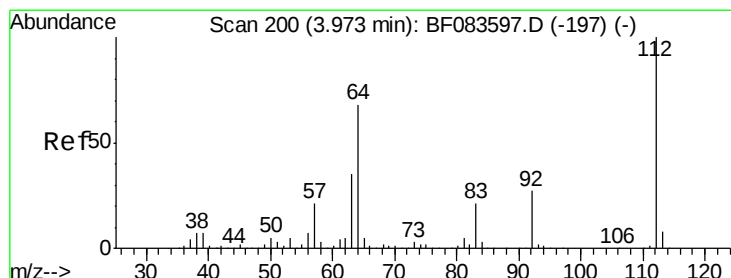
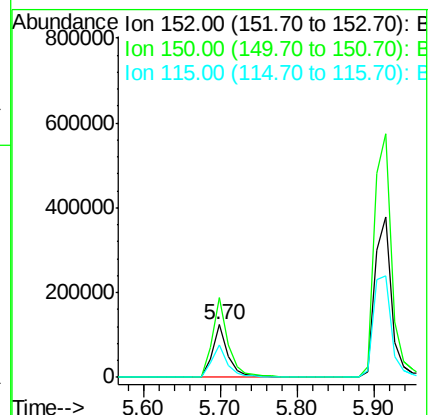
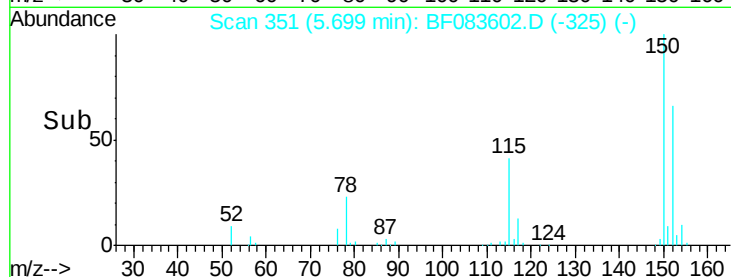
115 62.7 52.3 78.5



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: 110.88 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

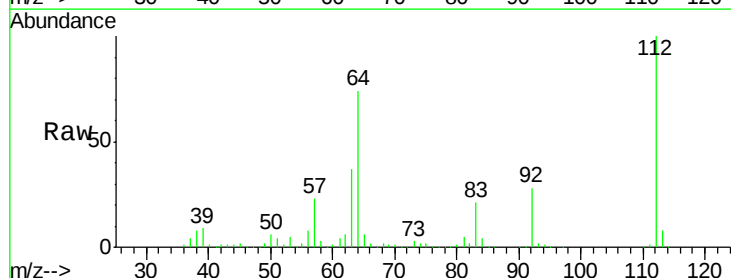
Tgt Ion:112 Resp: 1269487

Ion Ratio Lower Upper

112 100

64 74.0 50.5 75.7

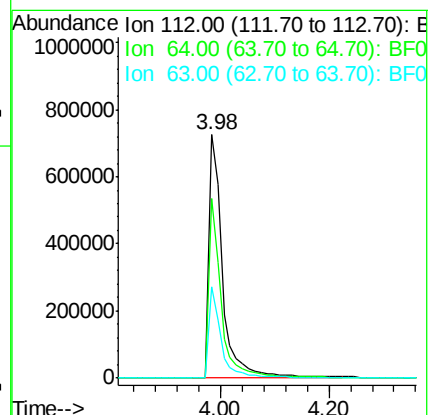
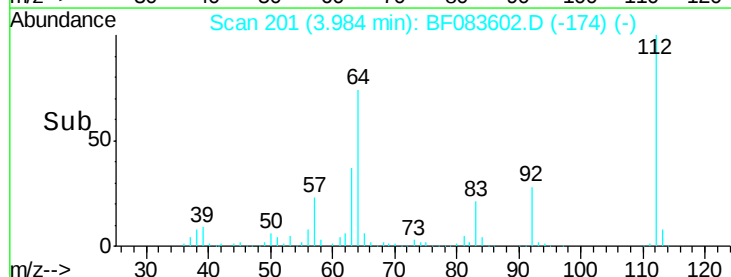
63 37.3 25.8 38.6

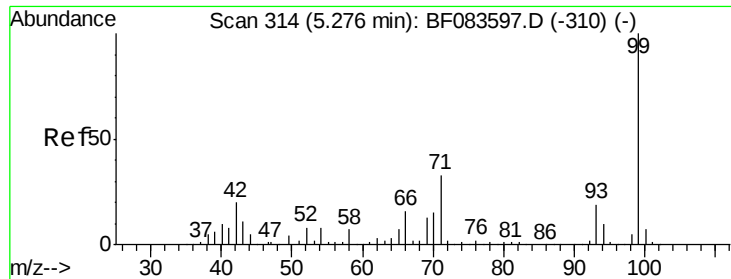


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.23 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.01 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Instrument :

BNA_F

ClientSampleID :

PB86955BL

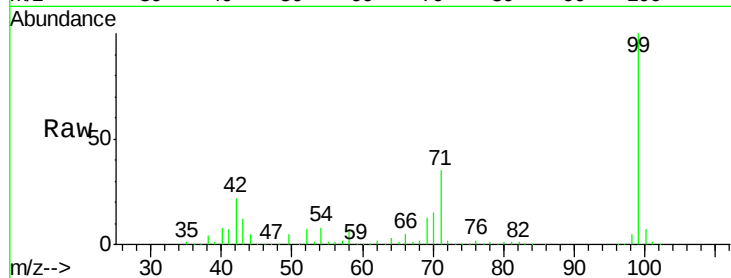
Tgt Ion: 99 Resp: 1670967

Ion Ratio Lower Upper

99 100

42 21.8 17.3 25.9

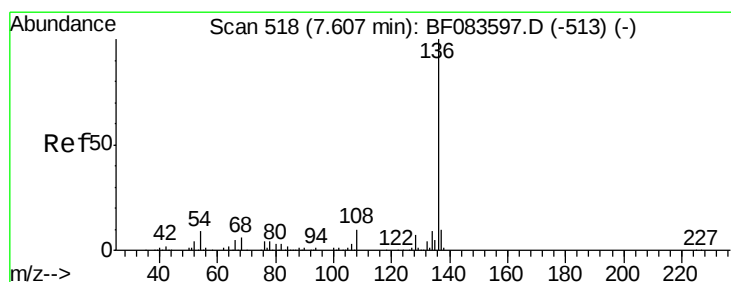
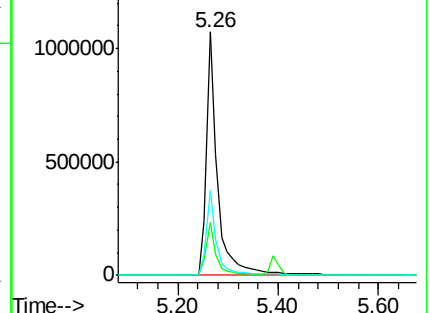
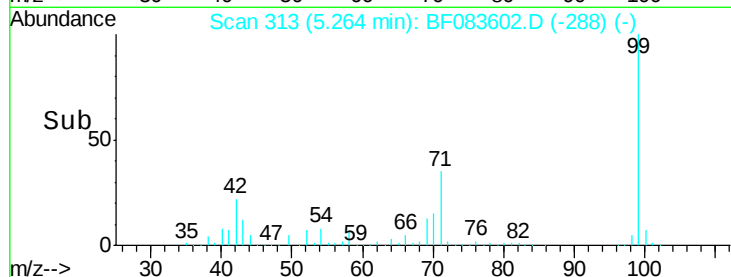
71 34.7 26.6 40.0



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: 7.60 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Tgt Ion: 136 Resp: 677963

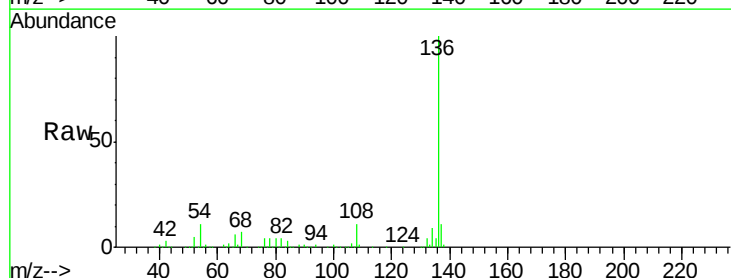
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 7.8 11.6

68 7.4 5.7 8.5

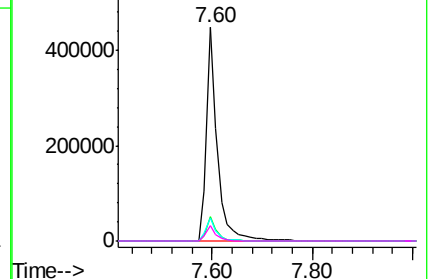
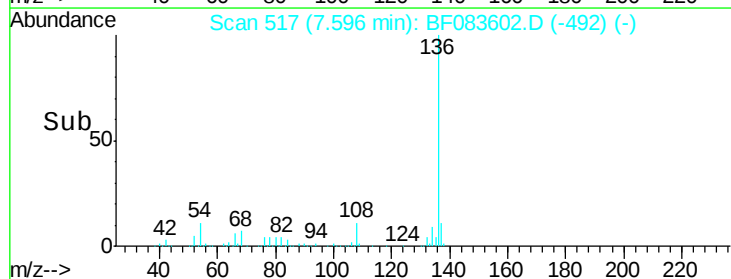


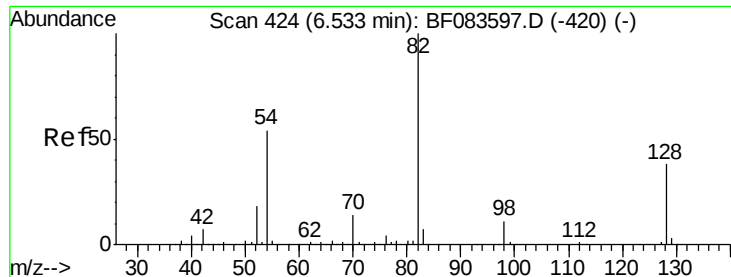
Abundance Ion 136.00 (135.70 to 136.70): E

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

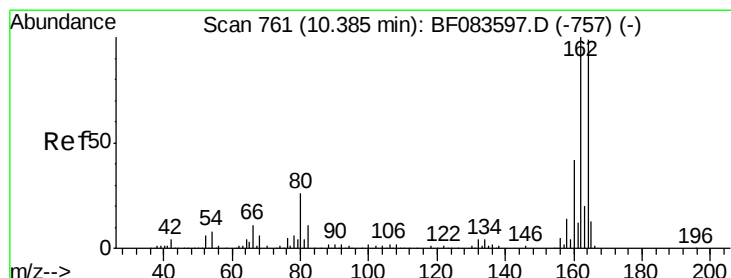
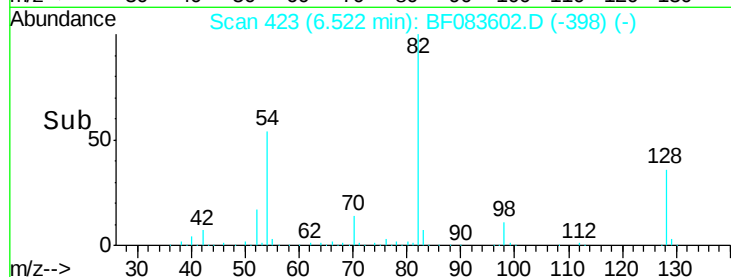
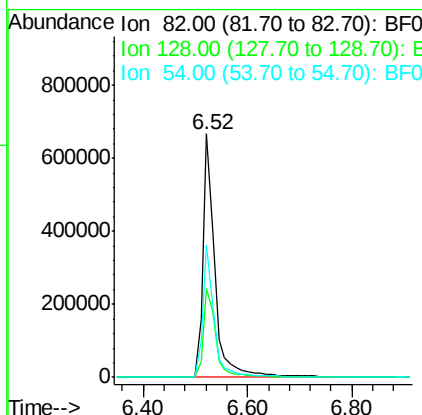
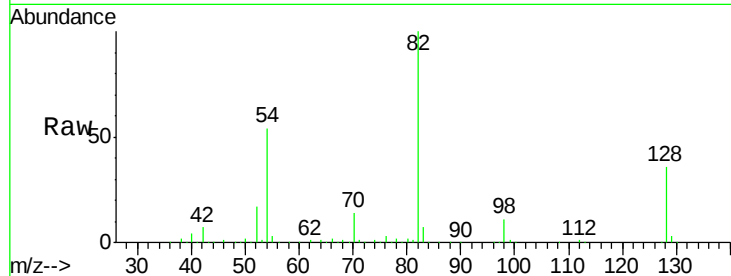




#23
 Nitrobenzene-d5
 Concen: 73.32 ng
 RT: 6.52 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

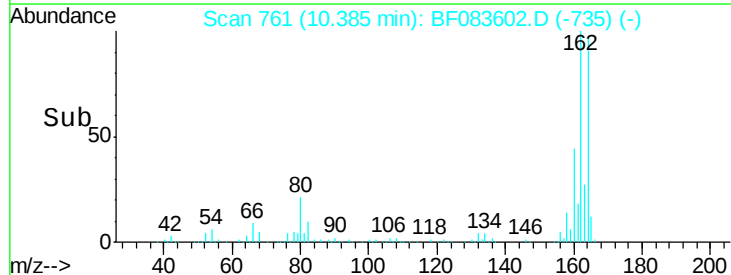
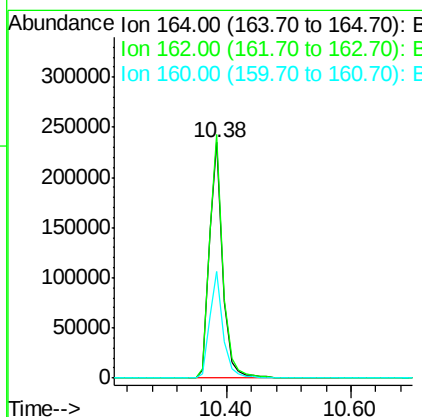
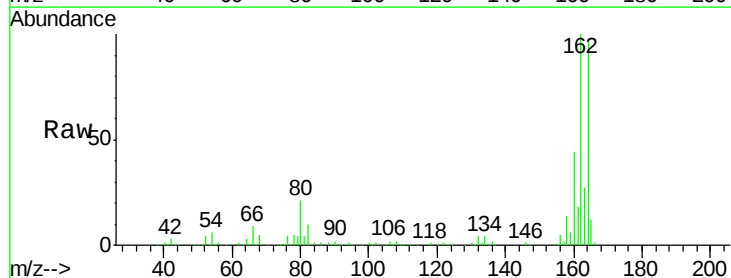
Instrument :
 BNA_F
 ClientSampleId :
 PB86955BL

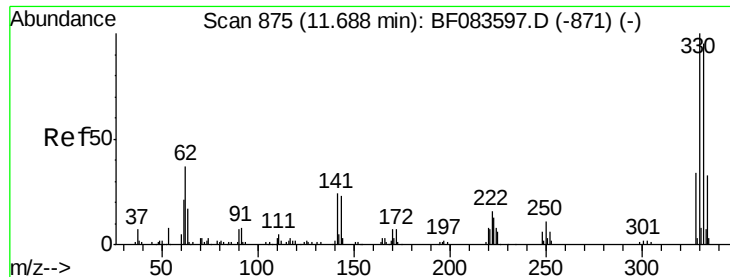
Tgt Ion: 82 Resp: 1065352
 Ion Ratio Lower Upper
 82 100
 128 36.5 30.7 46.1
 54 54.5 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Tgt Ion: 164 Resp: 345300
 Ion Ratio Lower Upper
 164 100
 162 103.4 78.8 118.2
 160 45.6 33.4 50.2

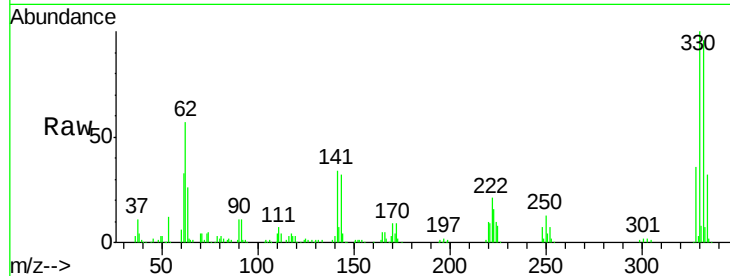




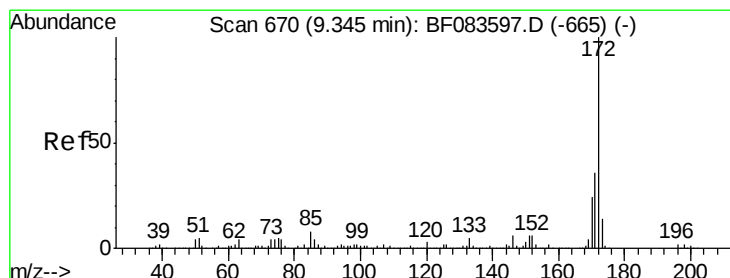
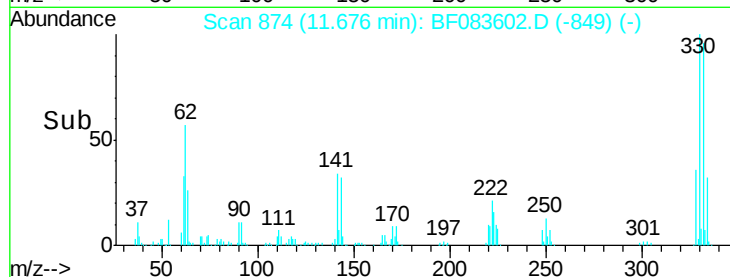
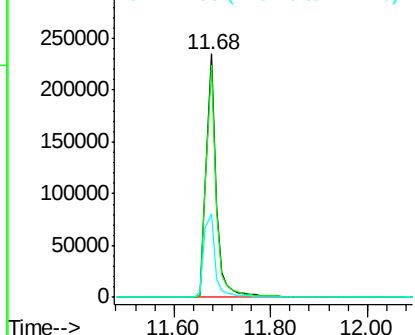
#41
 2,4,6-Tribromophenol
 Concen: 111.11 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BL

Tgt Ion:330 Resp: 341816
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 38.5 0.0 0.0#

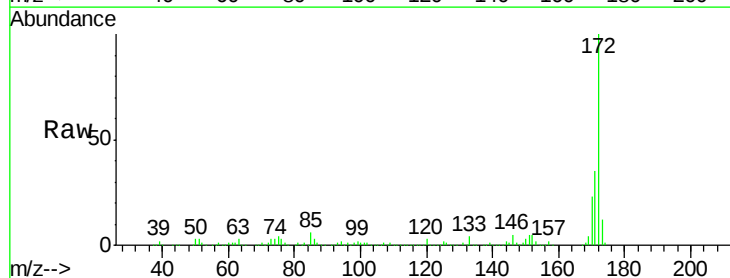


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

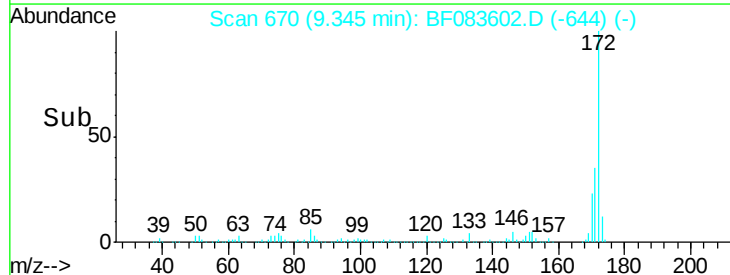
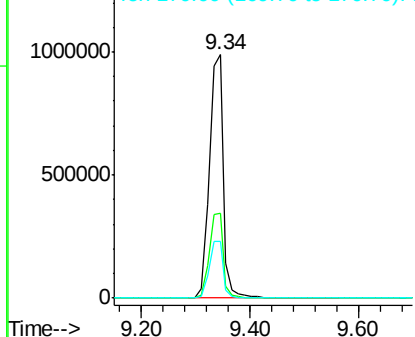


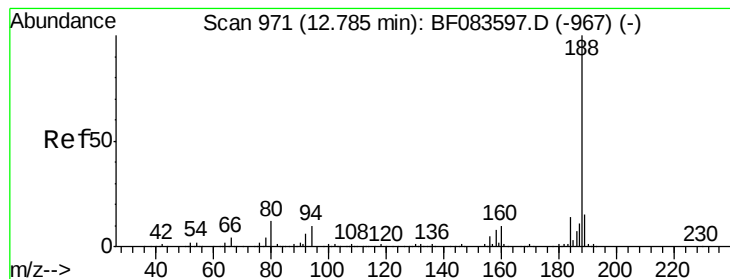
#44
 2-Fluorobiphenyl
 Concen: 72.41 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Tgt Ion:172 Resp: 1776473
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.5 19.4 29.0



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: 12.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

Instrument :

BNA_F

ClientSampled :

PB86955BL

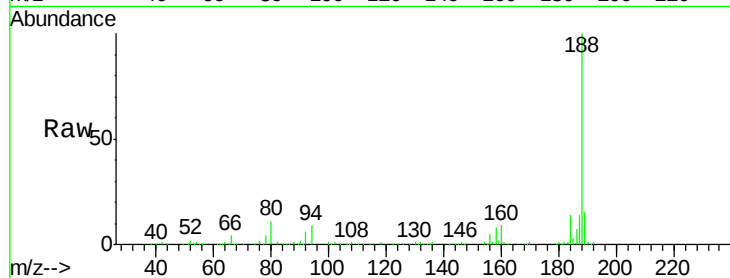
Tgt Ion:188 Resp: 665840

Ion Ratio Lower Upper

188 100

94 9.1 9.4 14.2#

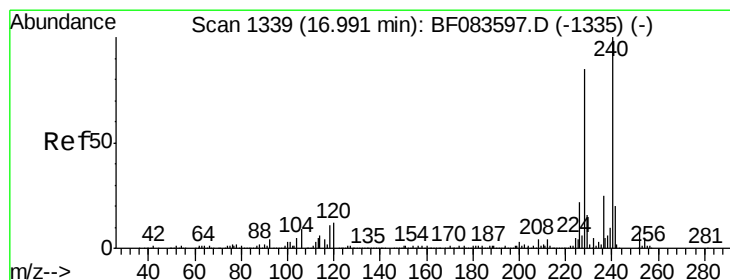
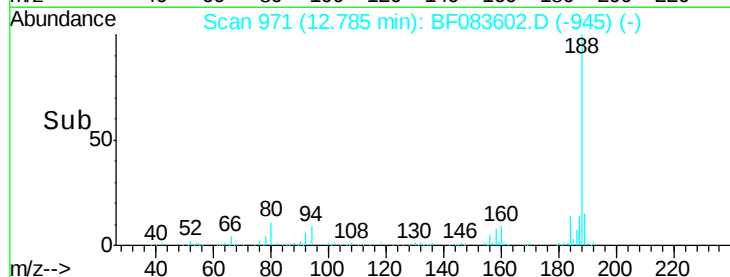
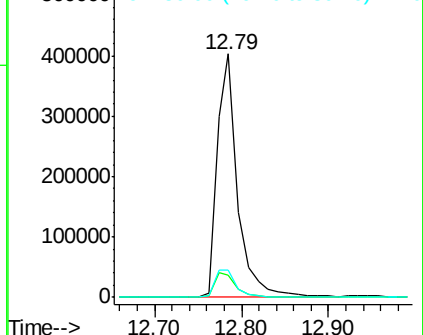
80 11.0 10.6 16.0



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: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083602.D

Acq: 8 Dec 2015 18:51

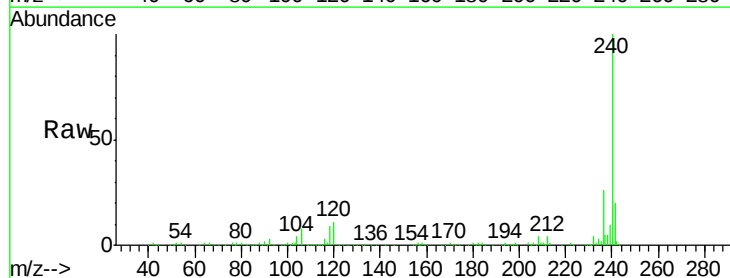
Tgt Ion:240 Resp: 614027

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

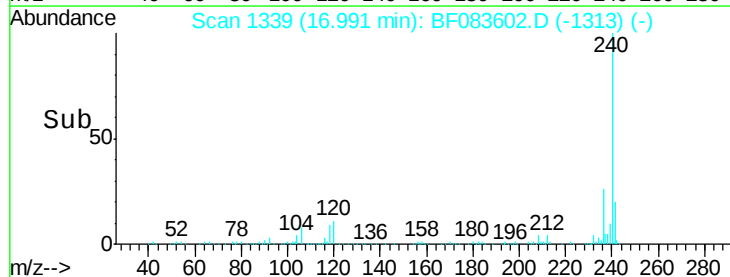
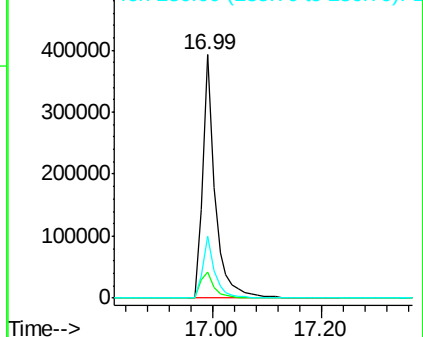
236 25.6 20.8 31.2

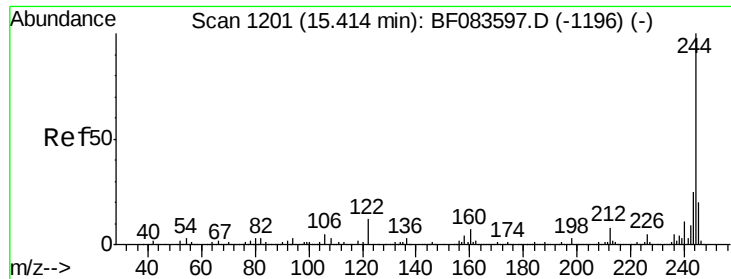


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

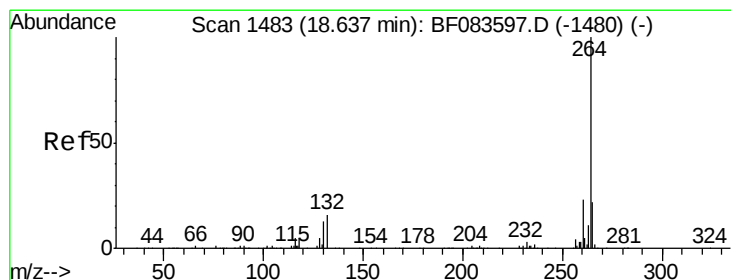
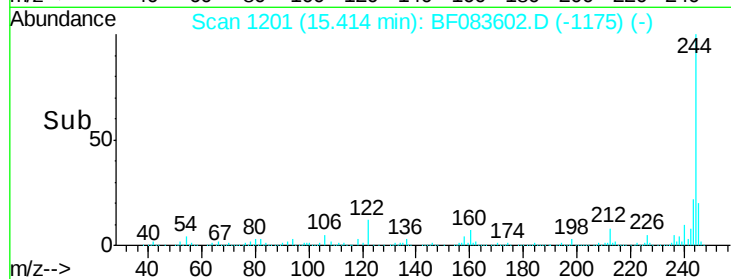
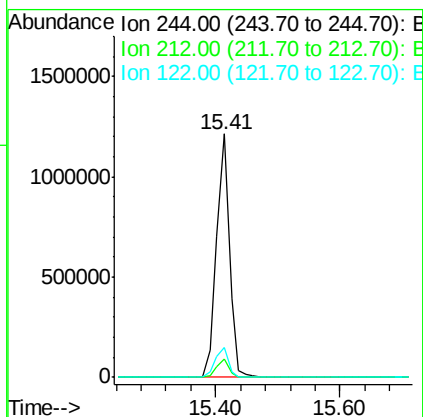
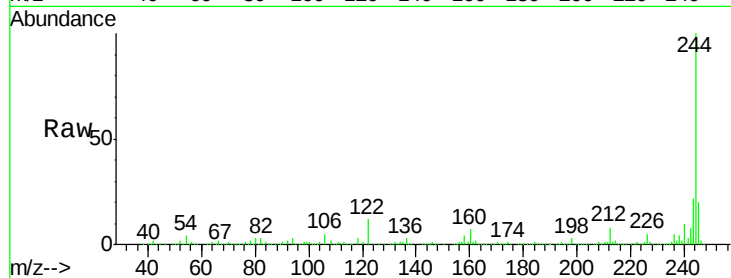




#78
 Terphenyl-d14
 Concen: 66.41 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB86955BL

Tgt Ion:244 Resp: 1733027
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.4 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF083602.D
 Acq: 8 Dec 2015 18:51

Tgt Ion:264 Resp: 521968
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.0
 265 20.6 17.8 26.6

