

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081459.D
 Acq On : 5 Sep 2015 12:14
 Operator : UM/IZ
 Sample : G3511-18
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(5-6)

Quant Time: Sep 07 03:01:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

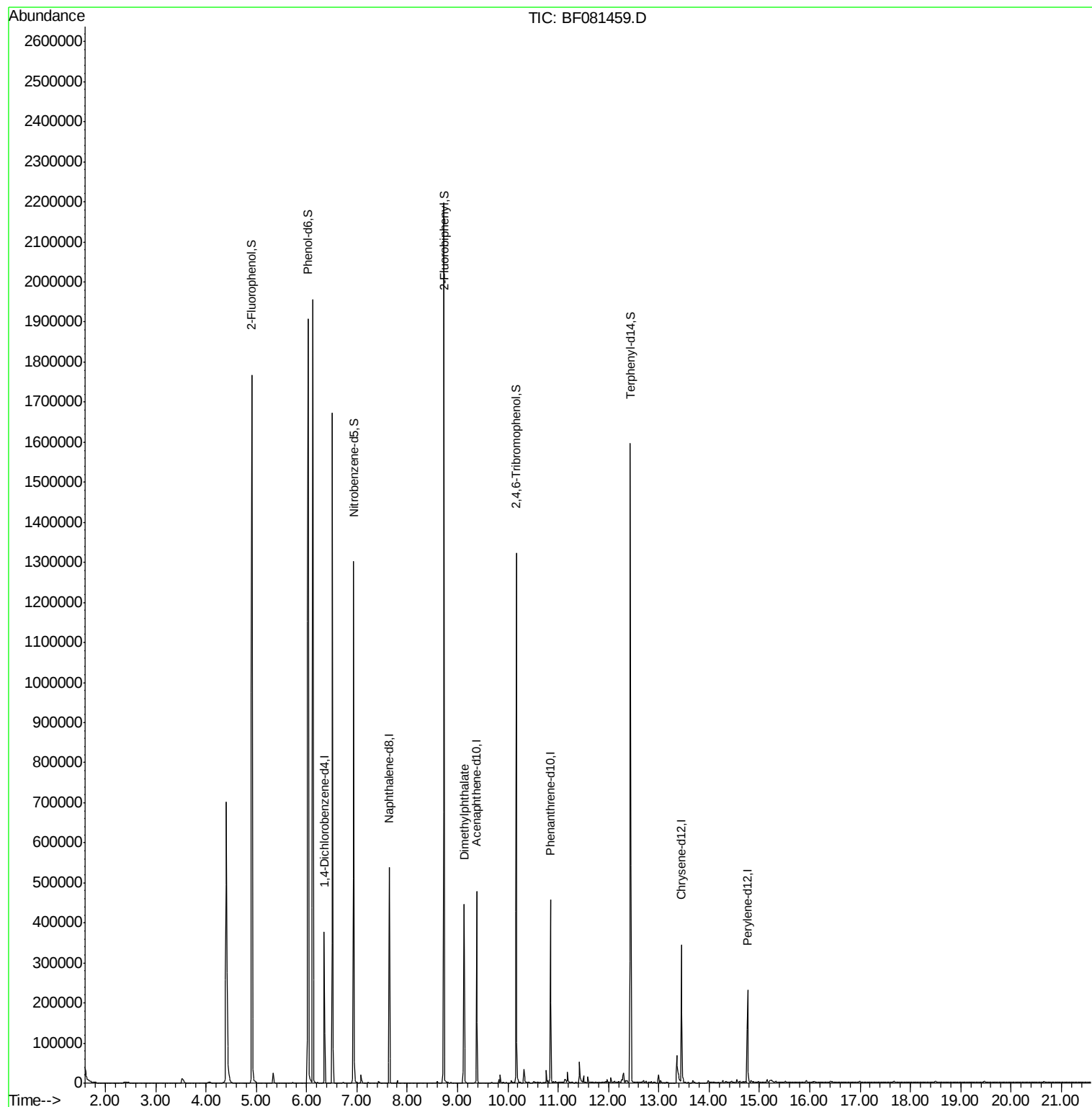
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53272	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	212293	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96626	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	189406	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	143008	20.00	ng	-0.01
86) Perylene-d12	14.77	264	107000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	520878	151.70	ng	0.02
7) Phenol-d6	6.03	99	740311	162.89	ng	0.00
23) Nitrobenzene-d5	6.94	82	430282	97.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	120425	139.97	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	671823	89.10	ng	0.00
78) Terphenyl-d14	12.43	244	553536	90.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.13	163	160765	21.41	ng	Qvalue # 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

Instrument :

BNA_F

ClientSampleId :

SB-05(5-6)

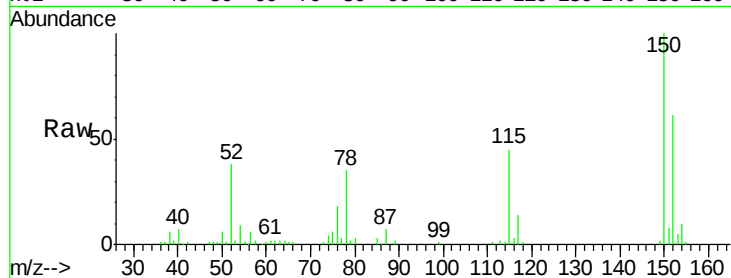
Tgt Ion:152 Resp: 53272

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

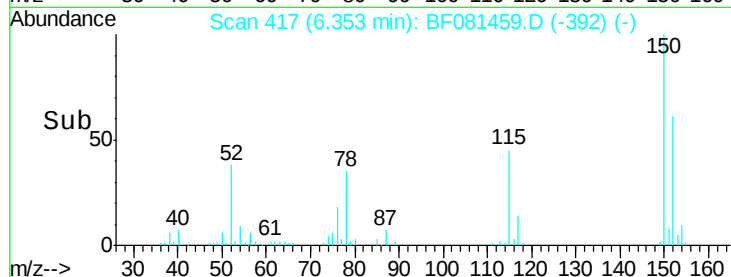
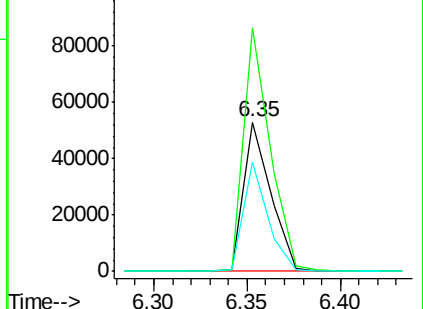
115 72.9 39.0 58.4#



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: 151.70 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

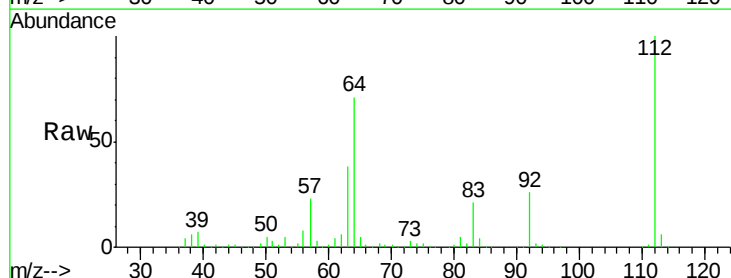
Tgt Ion:112 Resp: 520878

Ion Ratio Lower Upper

112 100

64 70.5 39.7 59.5#

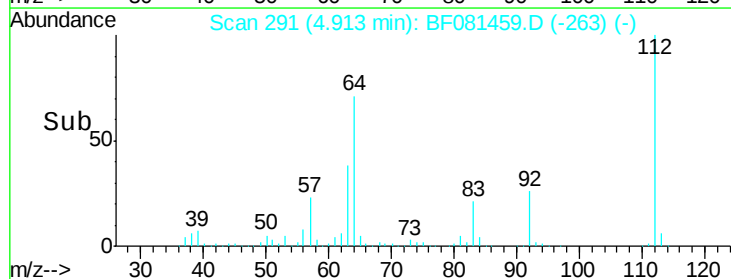
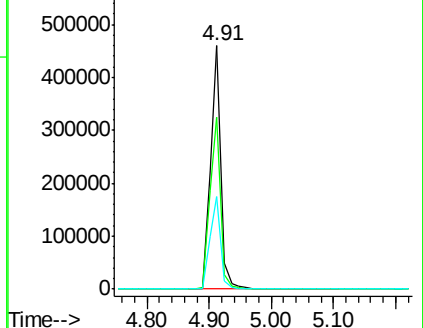
63 38.3 17.4 26.0#



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: 162.89 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

Instrument :

BNA_F

ClientSampleId :

SB-05(5-6)

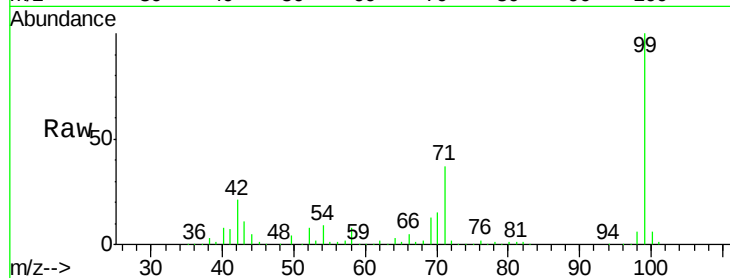
Tgt Ion: 99 Resp: 740311

Ion Ratio Lower Upper

99 100

42 20.5 13.7 20.5#

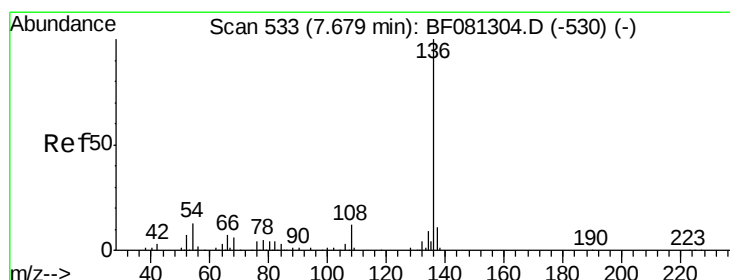
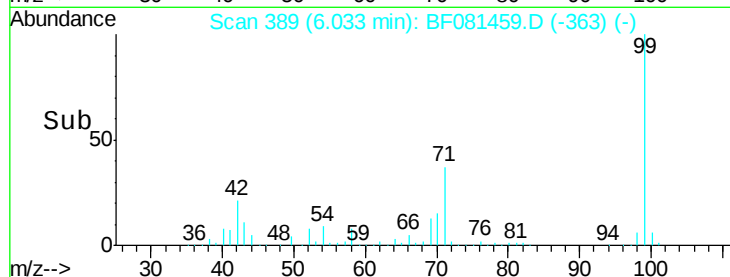
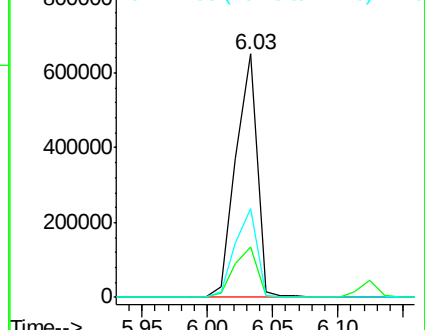
71 36.6 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

Tgt Ion: 136 Resp: 212293

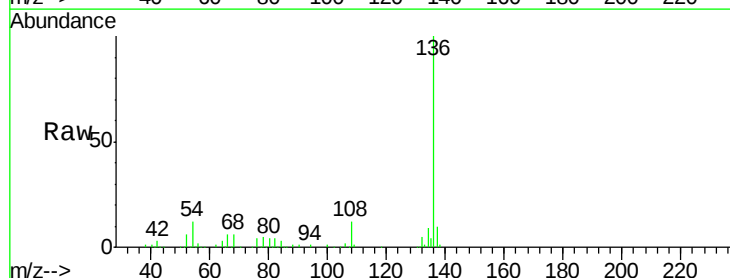
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 12.4 8.2 12.2#

68 5.5 5.8 8.6#

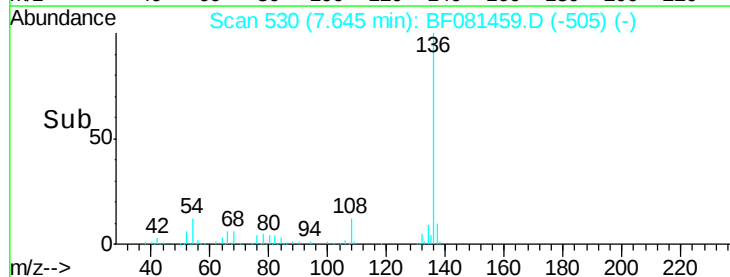
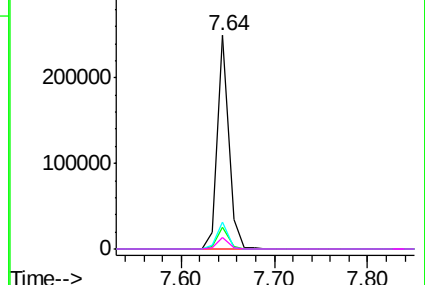


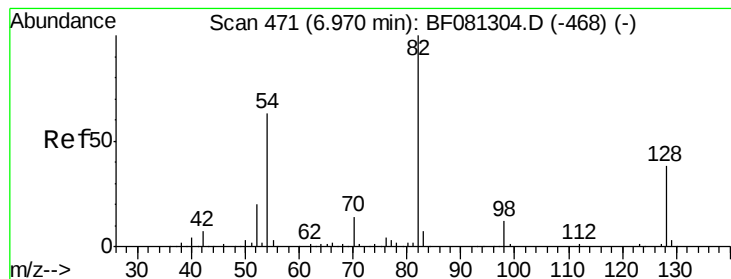
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.79 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

Instrument :

BNA_F

ClientSampleId :

SB-05(5-6)

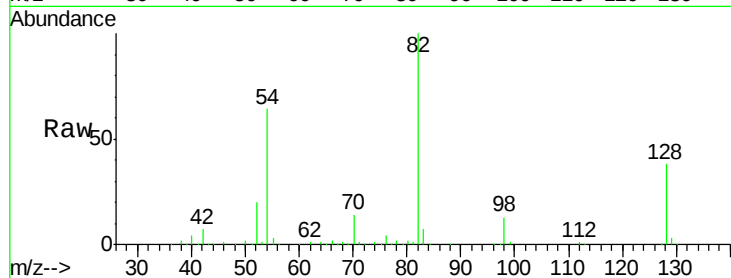
Tgt Ion: 82 Resp: 430282

Ion Ratio Lower Upper

82 100

128 37.8 51.0 76.6#

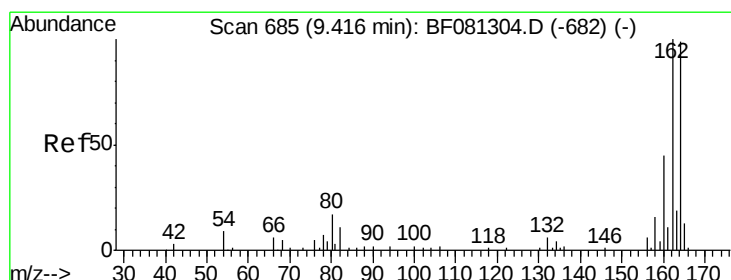
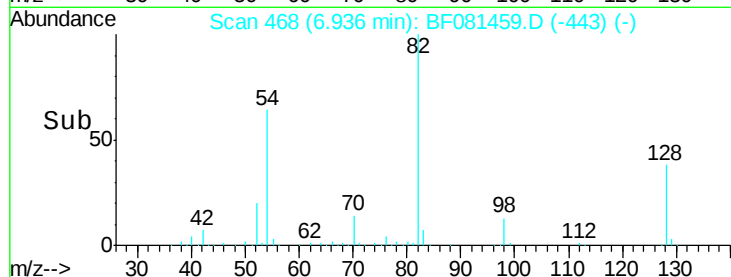
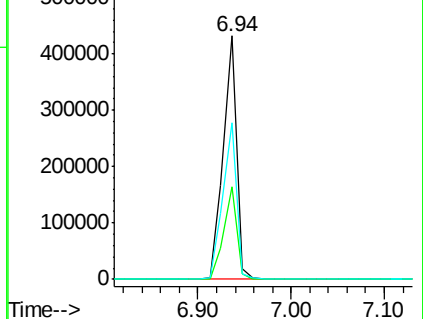
54 64.1 47.5 71.3



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: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

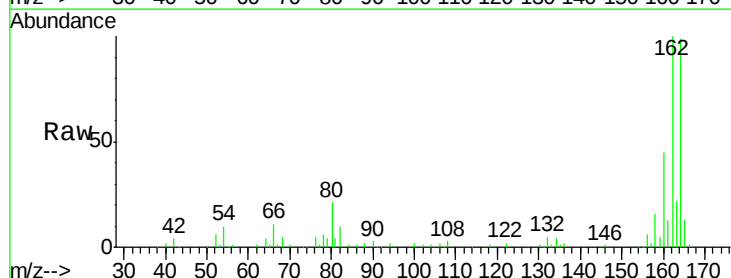
Tgt Ion: 164 Resp: 96626

Ion Ratio Lower Upper

164 100

162 101.4 75.2 112.8

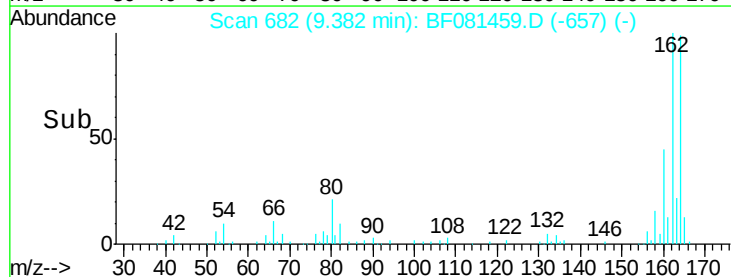
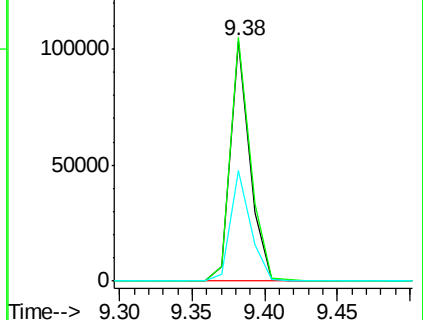
160 46.1 31.5 47.3

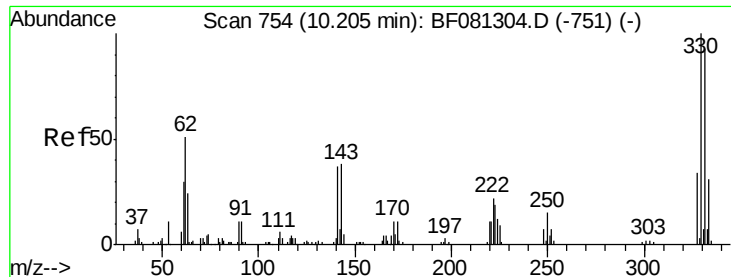


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

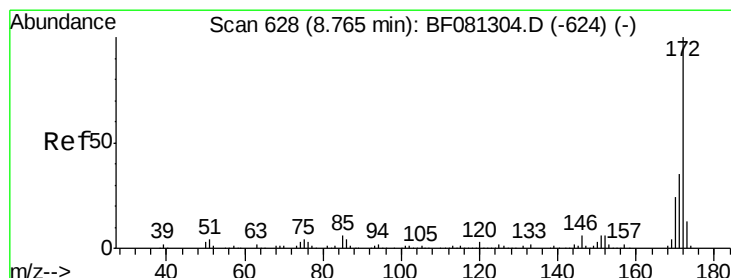
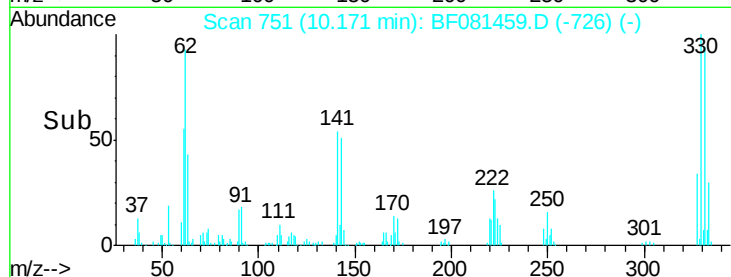
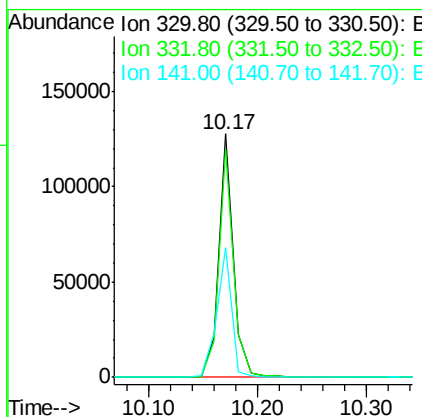
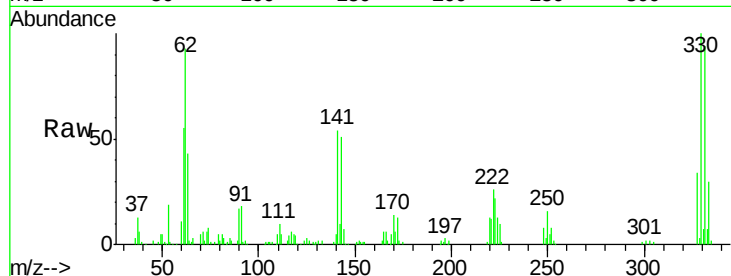




#41
 2,4,6-Tribromophenol
 Concen: 139.97 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081459.D
 Acq: 5 Sep 2015 12:14

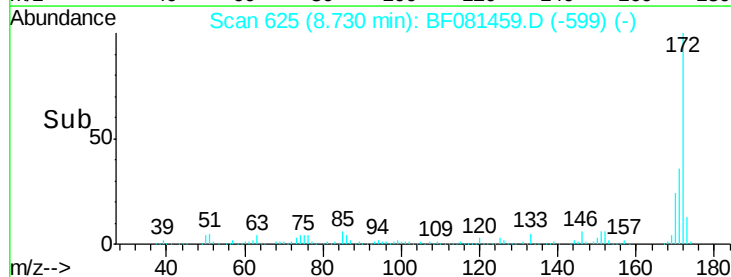
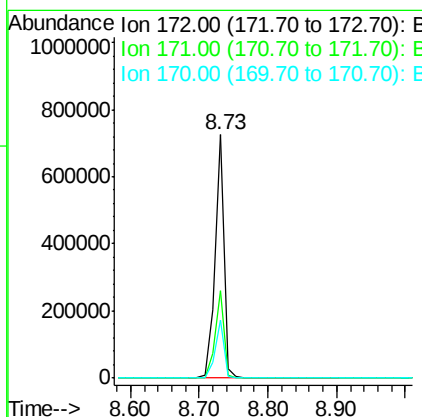
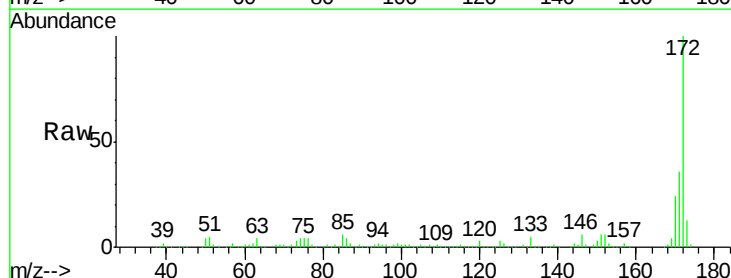
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(5-6)

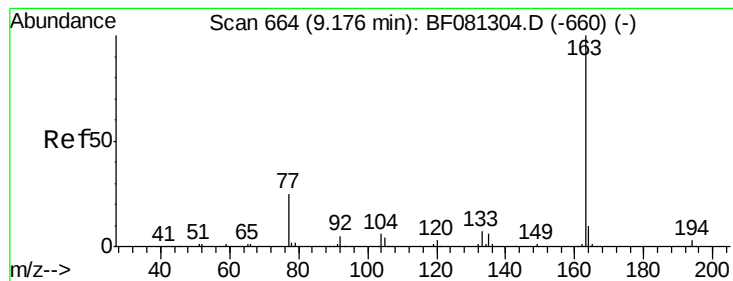
Tgt Ion:330 Resp: 120425
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 54.7 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 89.10 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081459.D
 Acq: 5 Sep 2015 12:14

Tgt Ion:172 Resp: 671823
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.0 17.4 26.2





#49

Dimethylphthalate

Concen: 21.41 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

Instrument :

BNA_F

ClientSampleId :

SB-05(5-6)

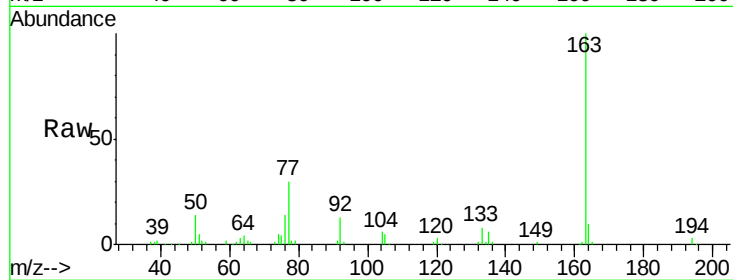
Tgt Ion:163 Resp: 160765

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

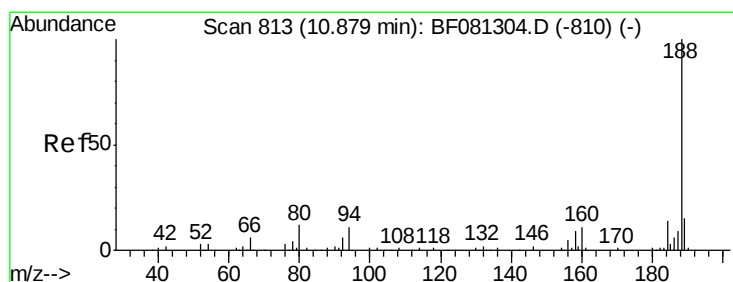
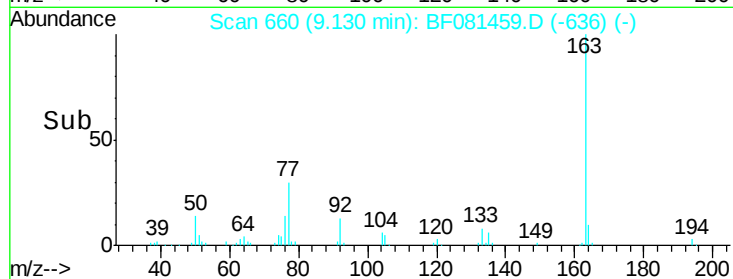
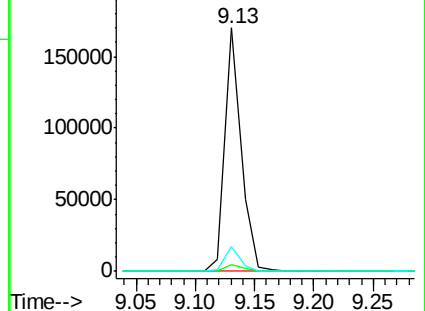
164 10.0 8.3 12.5



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: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

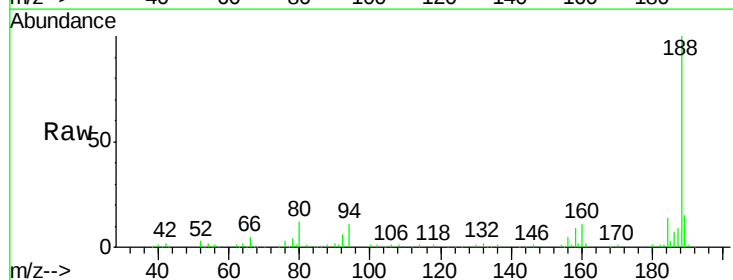
Tgt Ion:188 Resp: 189406

Ion Ratio Lower Upper

188 100

94 10.6 11.1 16.7#

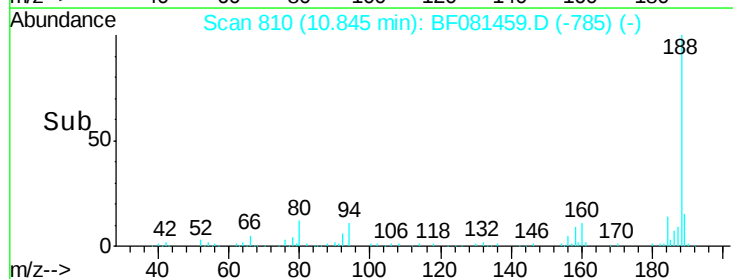
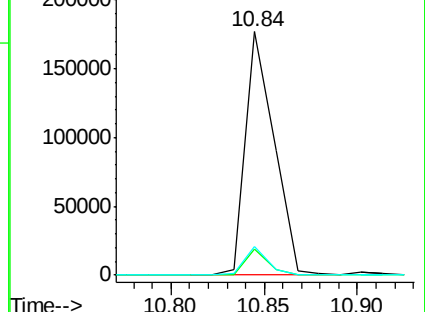
80 11.6 11.0 16.4

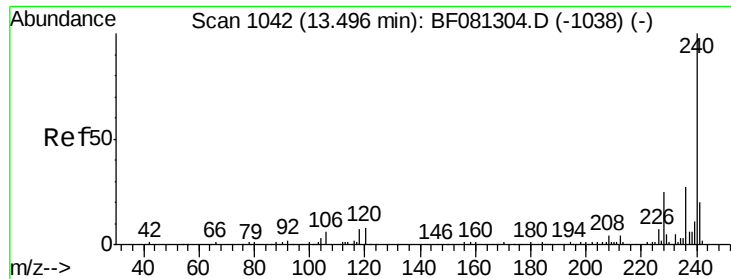


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

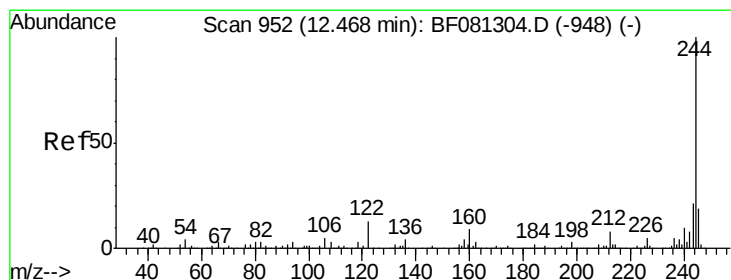
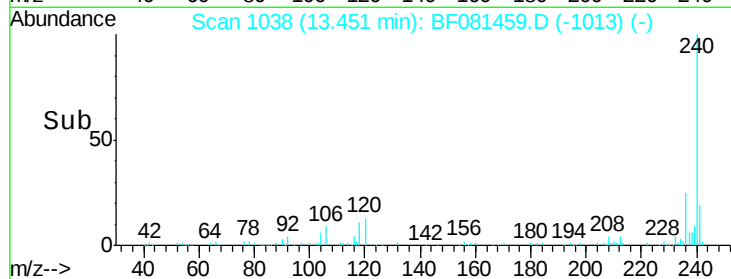
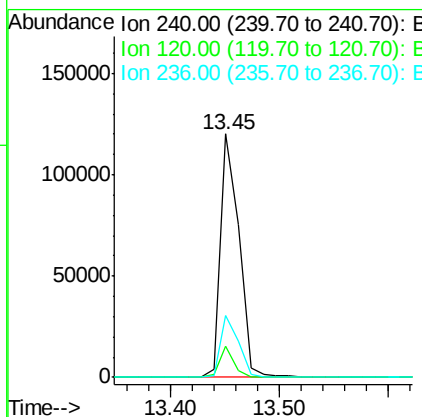
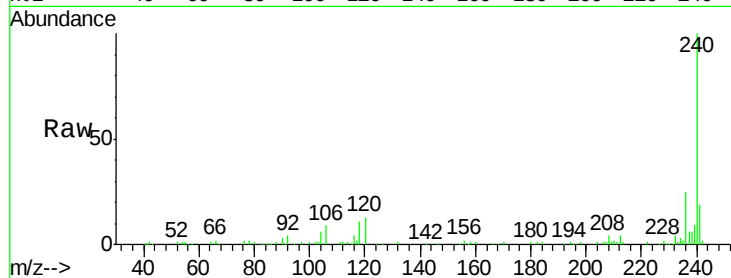




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081459.D
Acq: 5 Sep 2015 12:14

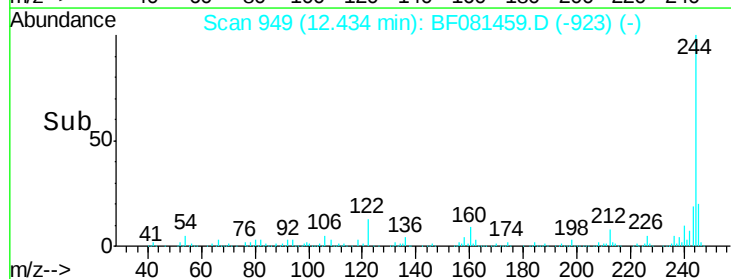
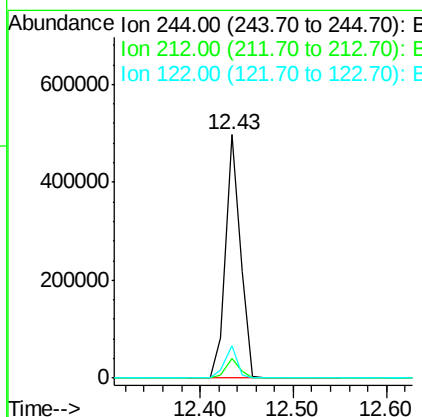
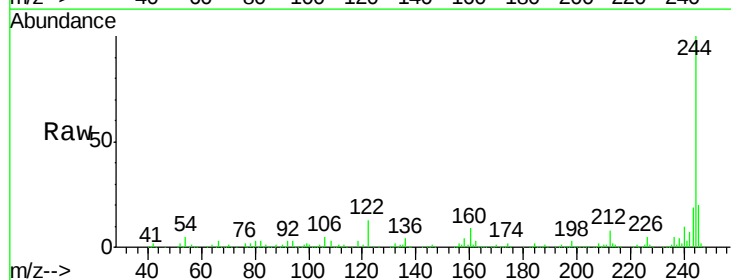
Instrument :
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SB-05(5-6)

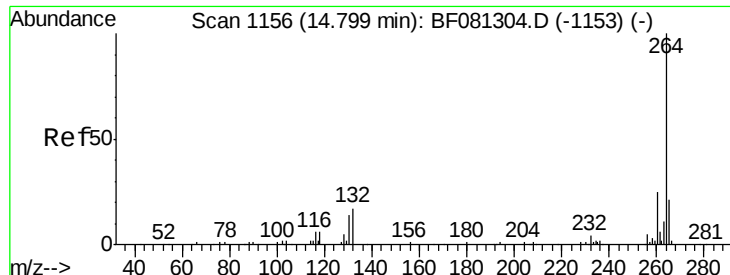
Tgt Ion:240 Resp: 143008
Ion Ratio Lower Upper
240 100
120 12.6 16.2 24.2#
236 25.4 18.4 27.6



#78
Terphenyl-d14
Concen: 90.10 ng
RT: 12.43 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF081459.D
Acq: 5 Sep 2015 12:14

Tgt Ion:244 Resp: 553536
Ion Ratio Lower Upper
244 100
212 8.0 4.3 6.5#
122 13.4 17.4 26.2#

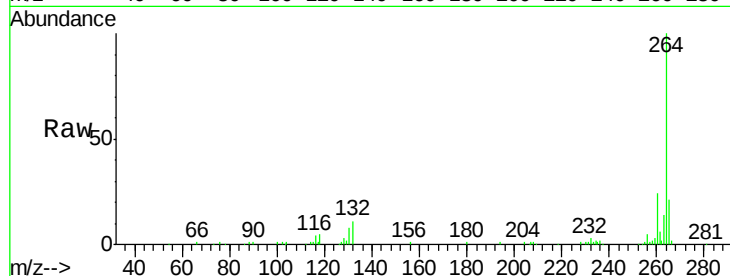




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081459.D
Acq: 5 Sep 2015 12:14

Instrument :
BNA_F
ClientSampleId :
SB-05(5-6)

Tgt Ion: 264 Resp: 107000
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 20.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

