

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 02:49:07 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

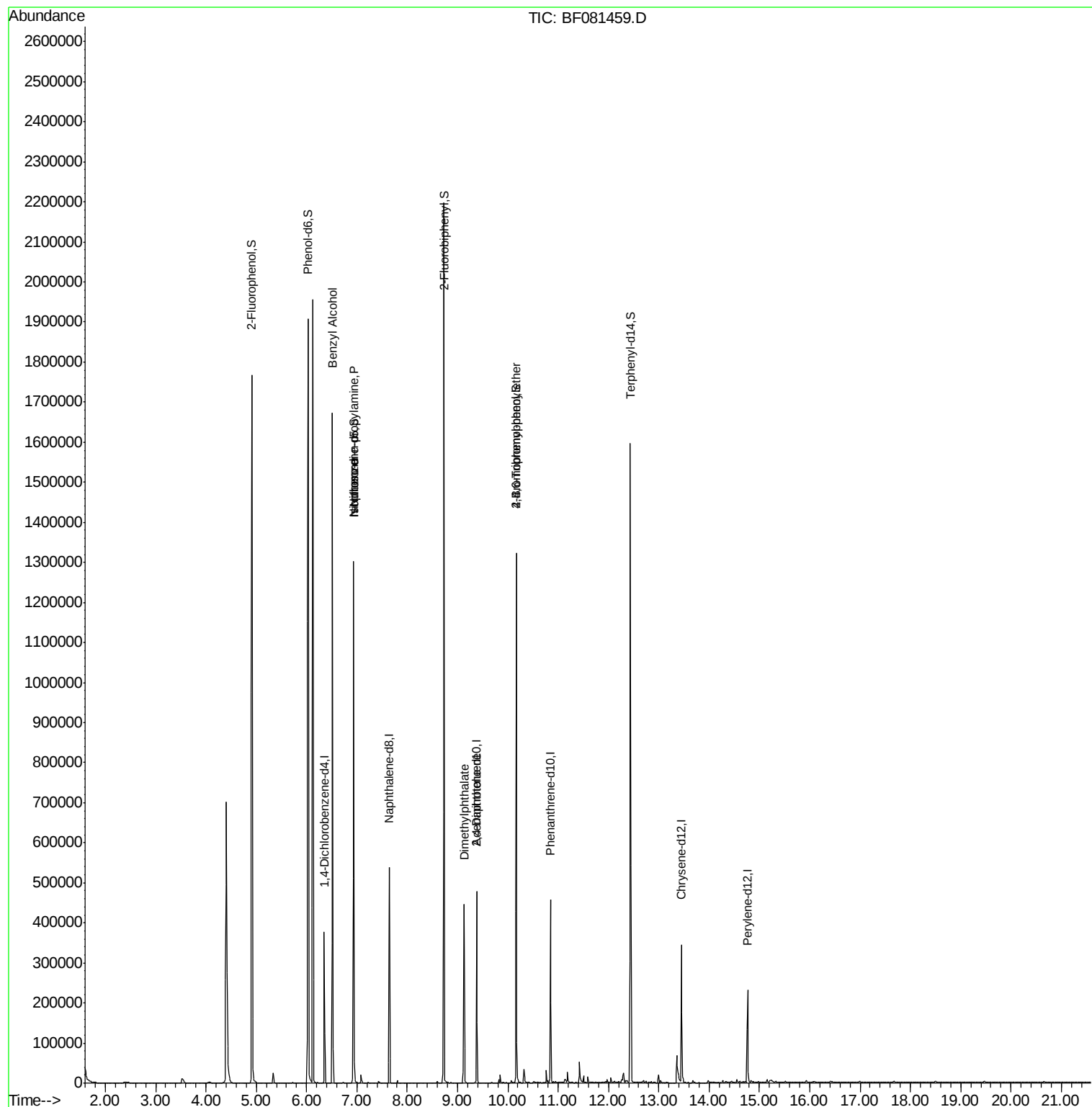
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	53272	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	212293	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96626	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	189406	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	143008	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						
15) Benzyl Alcohol	6.51	79	7606	2.04	ng	# 31
19) n-Nitroso-di-n-propylamine	6.94	70	58846	19.02	ng	# 63
25) Isophorone	6.94	82	314293	38.40	ng	# 58
49) Dimethylphthalate	9.13	163	160765	21.41	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12747	5.88	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9310	4.86	ng	# 1

(#) = 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)

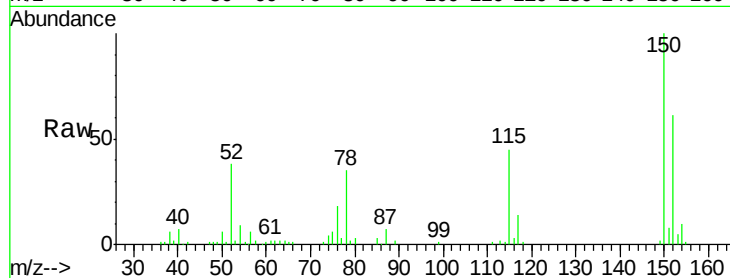
Tot Ion:152 Resp: 53272

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

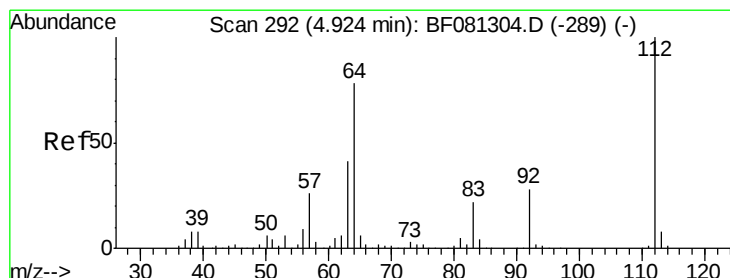
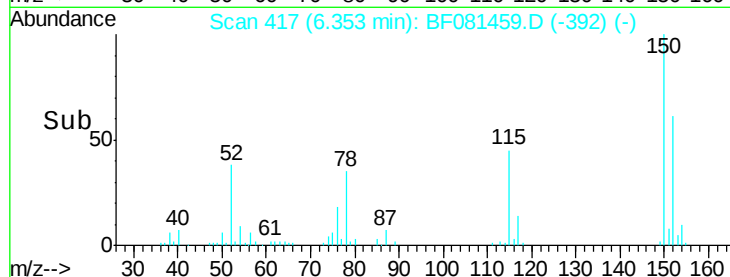
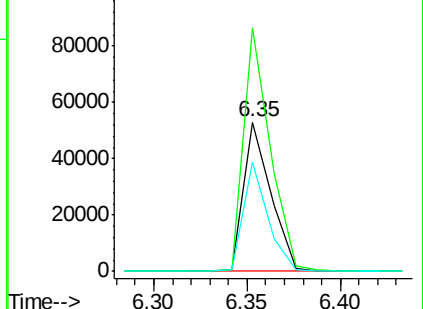
115 72.9 39.0 58.4#



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

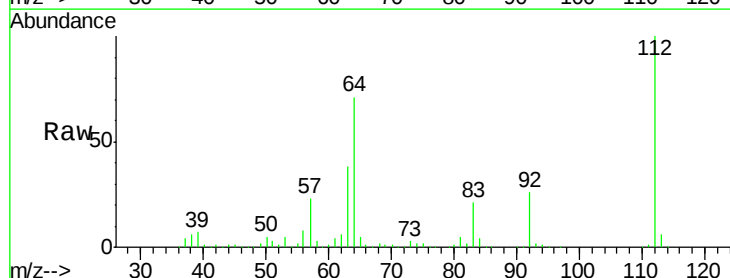
Tgt Ion:112 Resp: 520878

Ion Ratio Lower Upper

112 100

64 70.5 39.7 59.5#

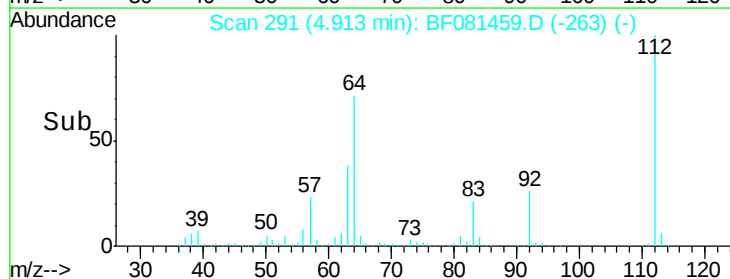
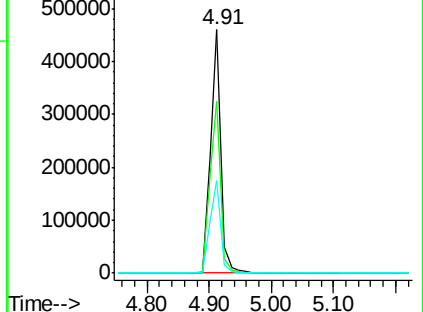
63 38.3 17.4 26.0#

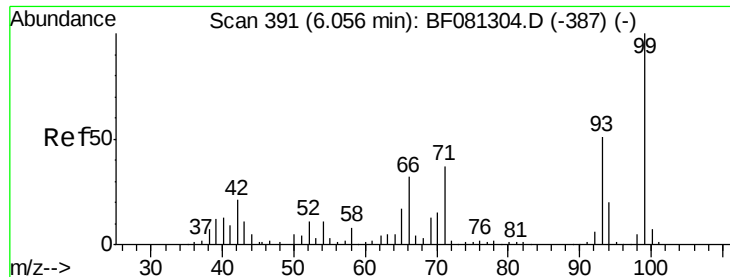


Abundance Ion 112.00 (111.70 to 112.70): E

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)

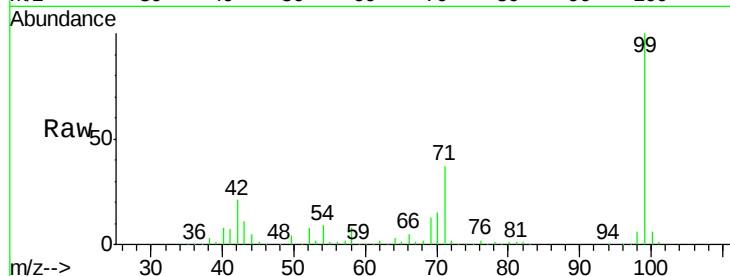
Tot Ion: 99 Resp: 740311

Ion Ratio Lower Upper

99 100

42 20.5 13.7 20.5#

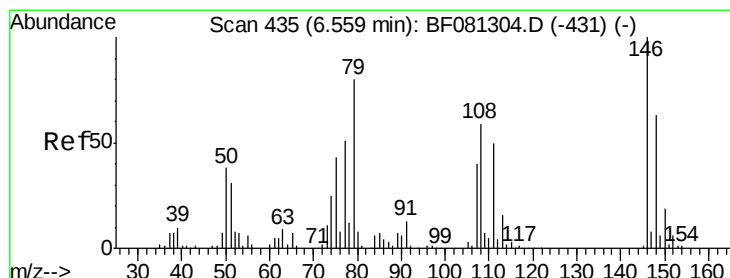
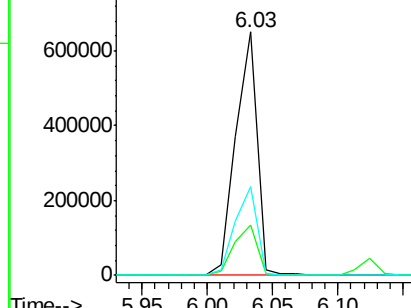
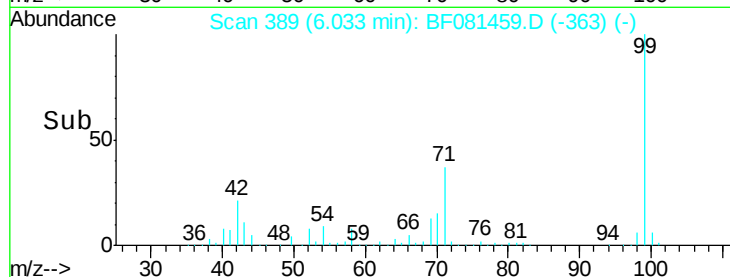
71 36.6 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

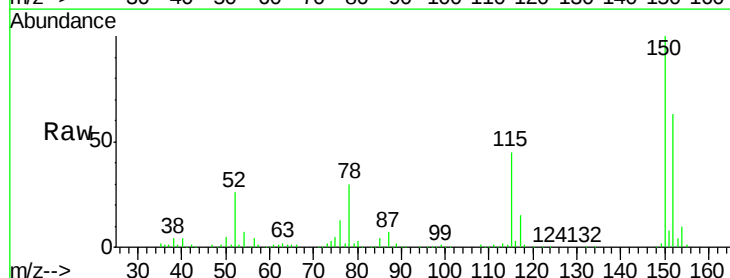
Tgt Ion: 79 Resp: 7606

Ion Ratio Lower Upper

79 100

108 25.2 88.6 132.8#

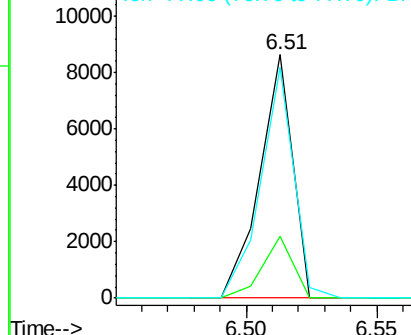
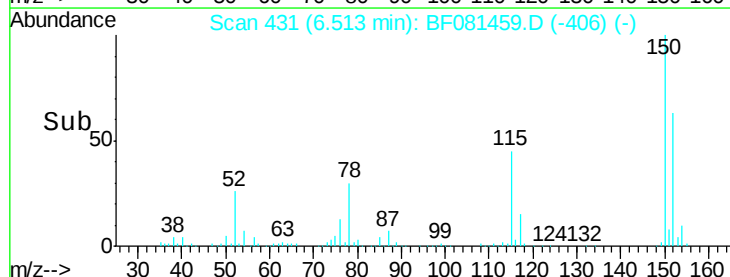
77 94.7 47.0 70.4#

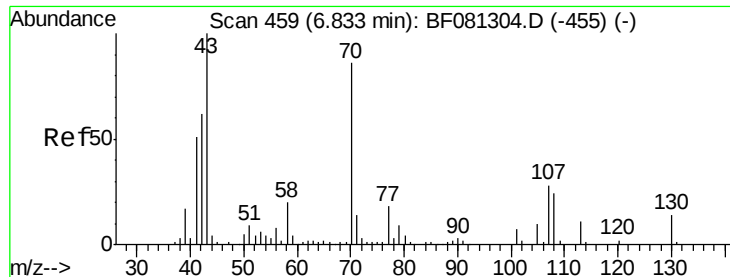


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 19.02 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

Instrument :

BNA_F

ClientSampleId :

SB-05(5-6)

Tot Ion: 70 Resp: 58846

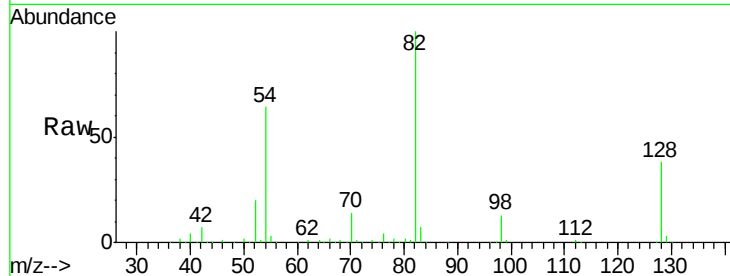
Ion Ratio Lower Upper

70 100

42 53.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

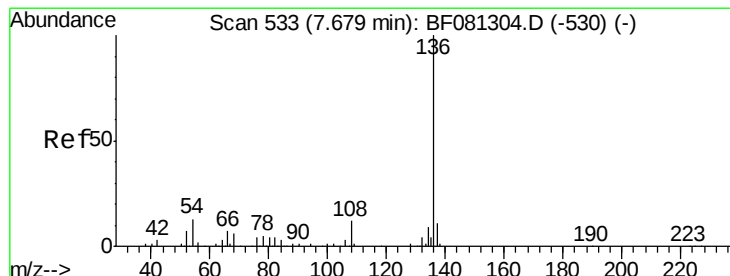
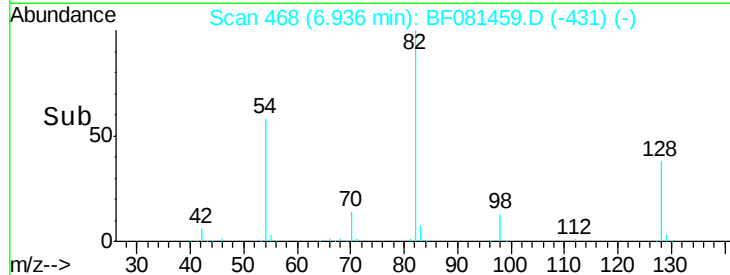
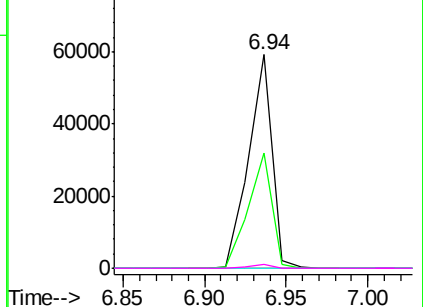


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#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

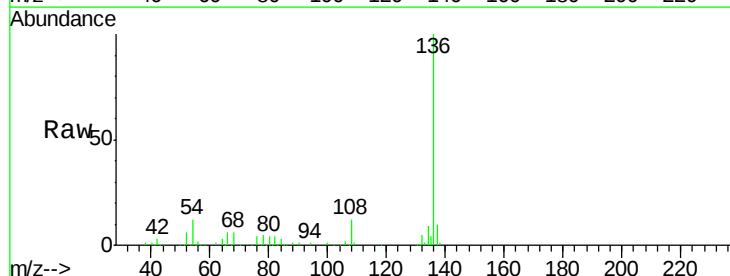
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 12.4 8.2 12.2#

68 5.5 5.8 8.6#

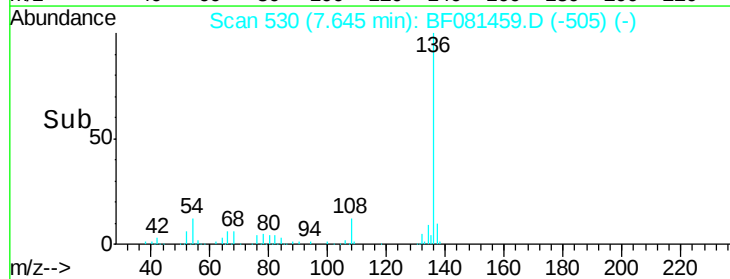
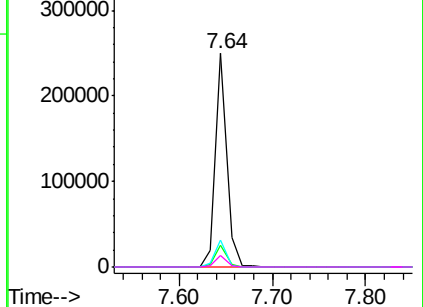


Abundance Ion 136.00 (135.70 to 136.70): E

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

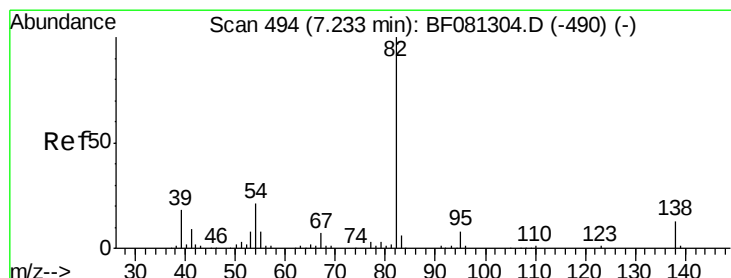
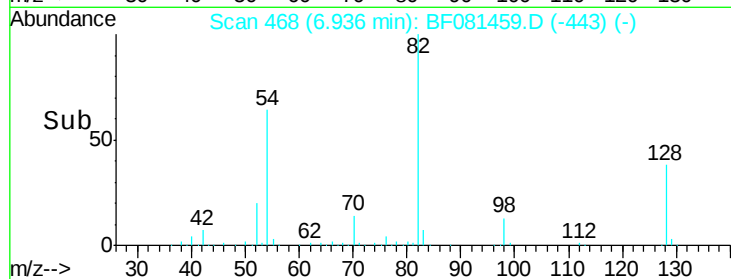
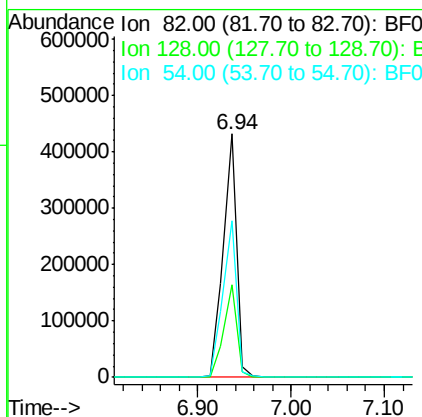
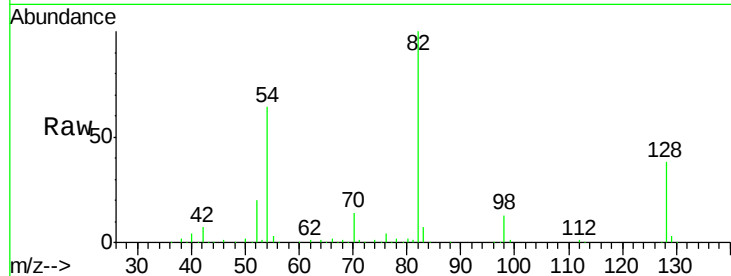




#23
 Nitrobenzene-d5
 Concen: 97.79 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081459.D
 Acq: 5 Sep 2015 12:14

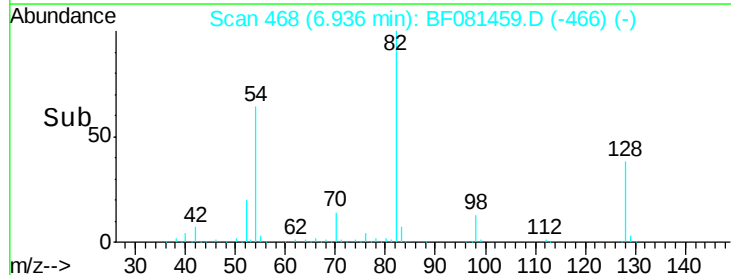
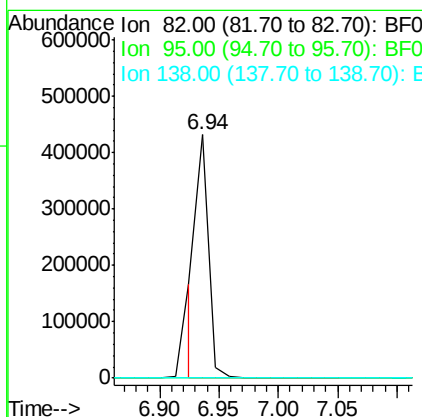
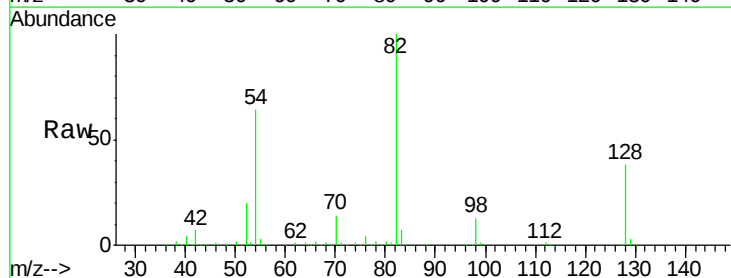
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(5-6)

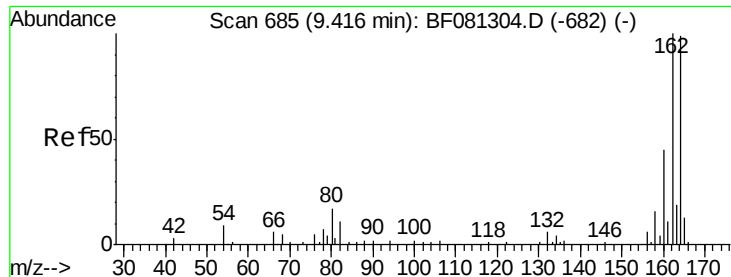
Tot Ion	82	Resp	430282
Ion Ratio	Lower	Upper	
82	100		
128	37.8	51.0	76.6#
54	64.1	47.5	71.3



#25
 Isophorone
 Concen: 38.40 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.27 min
 Lab File: BF081459.D
 Acq: 5 Sep 2015 12:14

Tgt Ion	82	Resp	314293
Ion Ratio	Lower	Upper	
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#





#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

Instrument :

BNA_F

ClientSampleId :

SB-05(5-6)

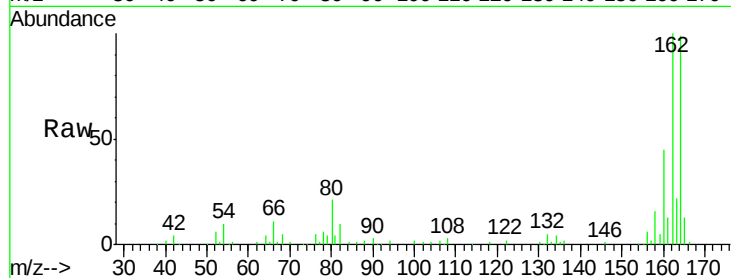
Tot Ion:164 Resp: 96626

Ion Ratio Lower Upper

164 100

162 101.4 75.2 112.8

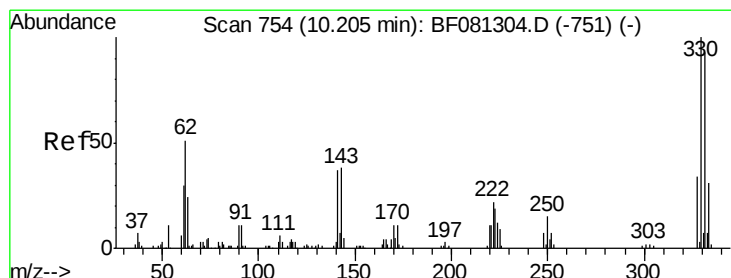
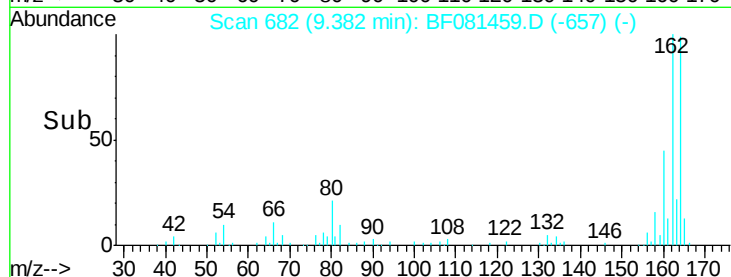
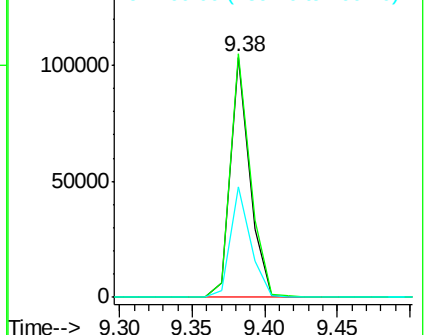
160 46.1 31.5 47.3



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

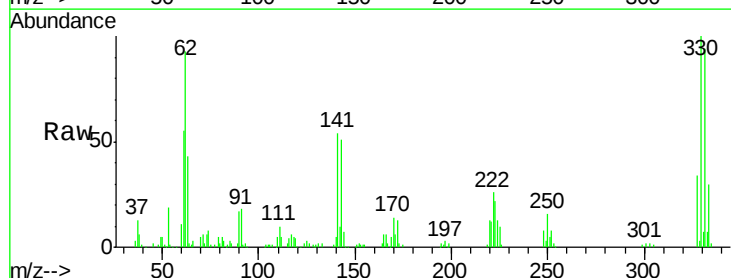
Tgt Ion:330 Resp: 120425

Ion Ratio Lower Upper

330 100

332 94.0 76.6 114.8

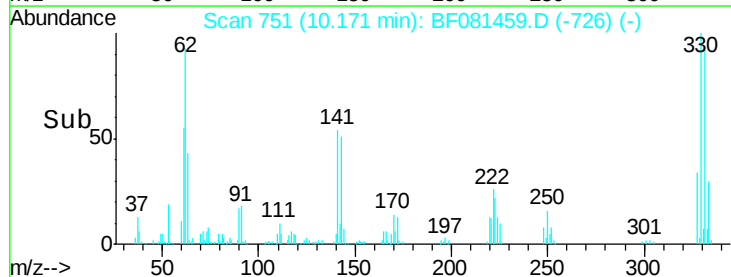
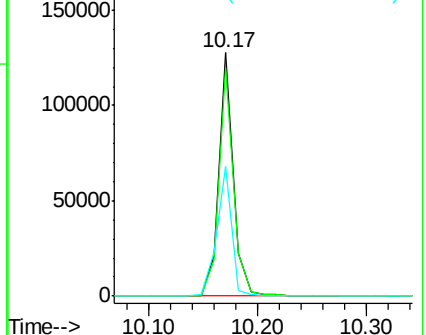
141 54.7 29.7 44.5#

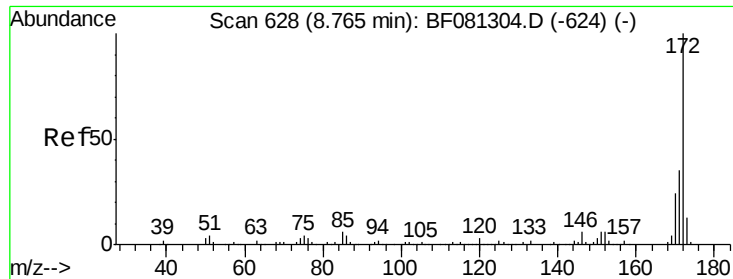


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

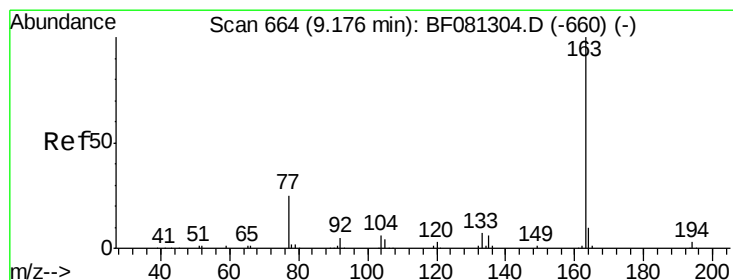
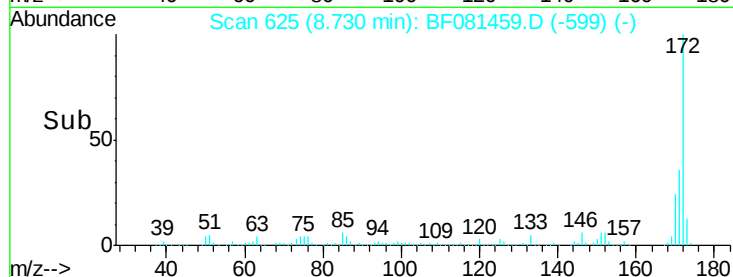
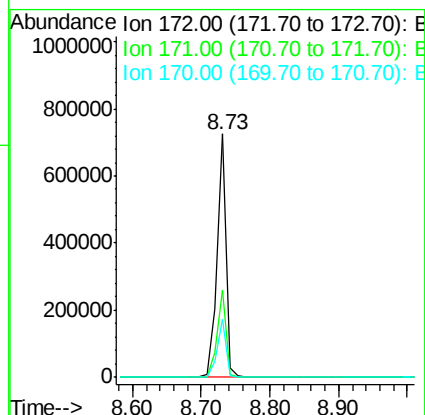
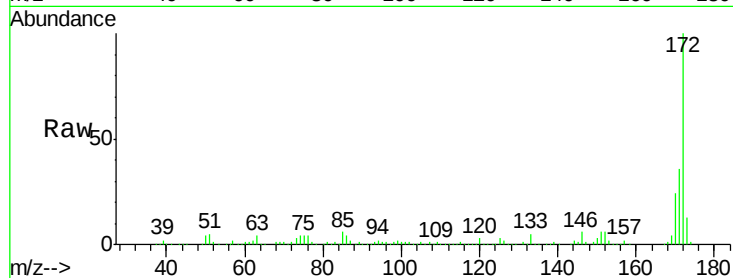




#44
2-Fluorobiphenyl
Concen: 89.10 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081459.D
Acq: 5 Sep 2015 12:14

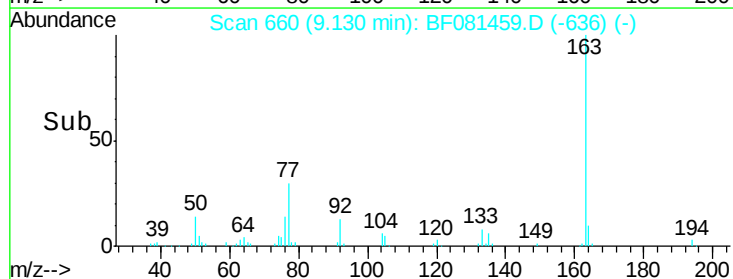
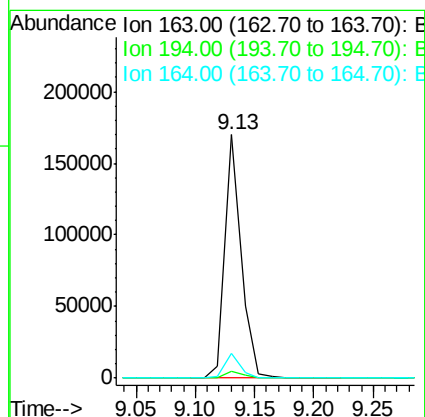
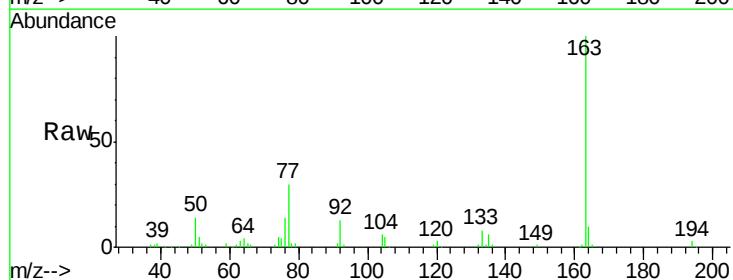
Instrument :
BNA_F
ClientSampleId :
SB-05(5-6)

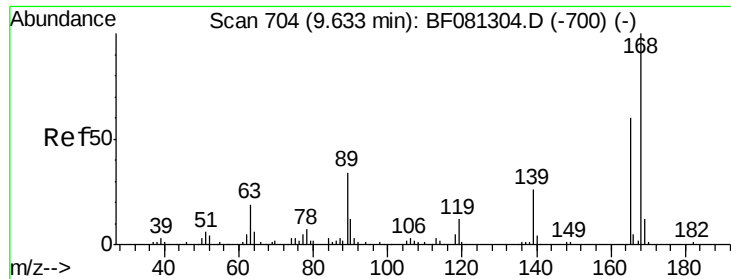
Tot Ion:172 Resp: 671823
Ion Ratio Lower Upper
172 100
171 36.1 26.1 39.1
170 24.0 17.4 26.2



#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

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

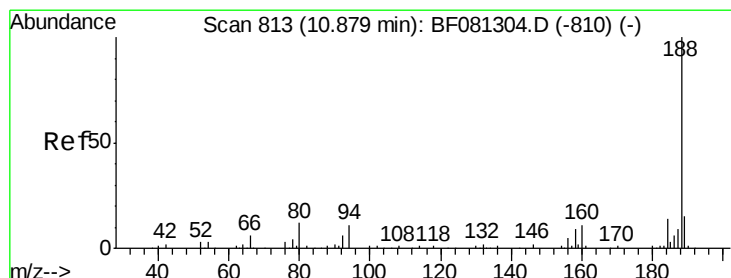
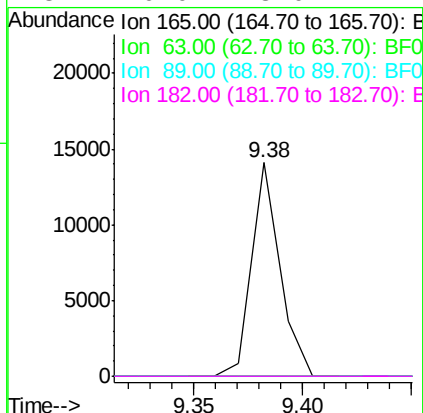
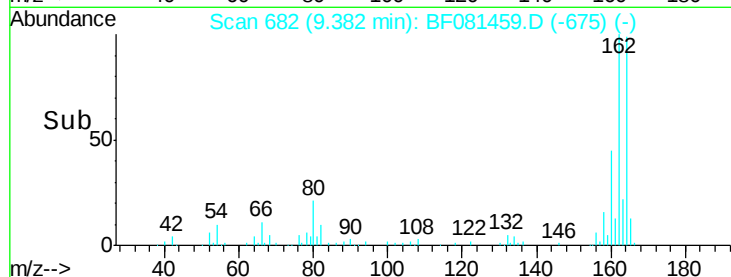
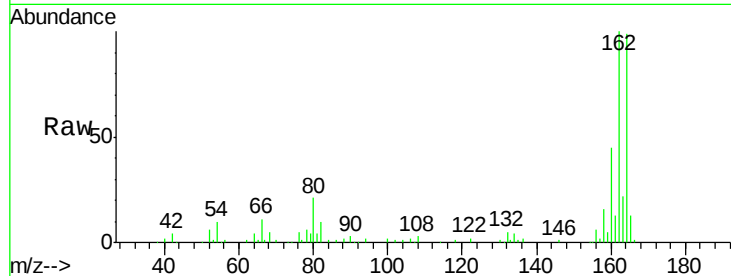




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081459.D
 Acq: 5 Sep 2015 12:14

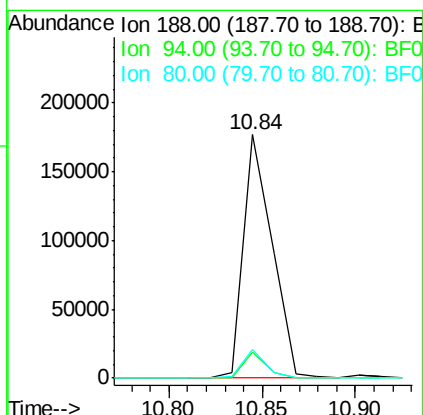
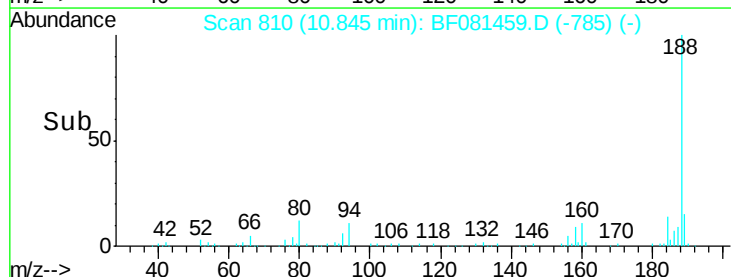
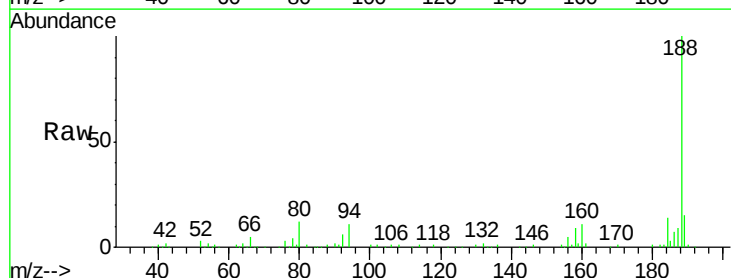
Instrument :
 BNA_F
 ClientSampleId :
 SB-05(5-6)

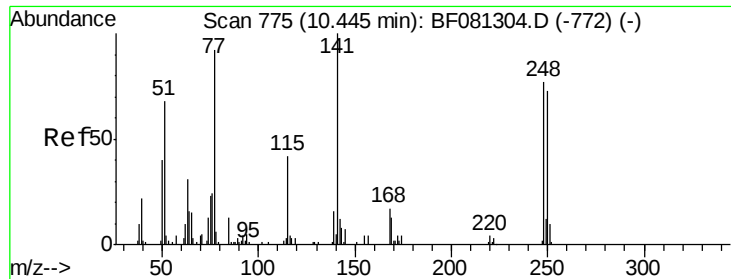
Tot Ion:165	Resp:	12747
Ion Ratio	Lower	Upper
165	100	
63	0.0	29.8 44.6#
89	0.0	44.5 66.7#
182	0.0	3.0 4.4#



#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





#66

4-Bromophenyl-phenylether

Concen: 4.86 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF081459.D

Acq: 5 Sep 2015 12:14

Instrument :

BNA_F

ClientSampleId :

SB-05(5-6)

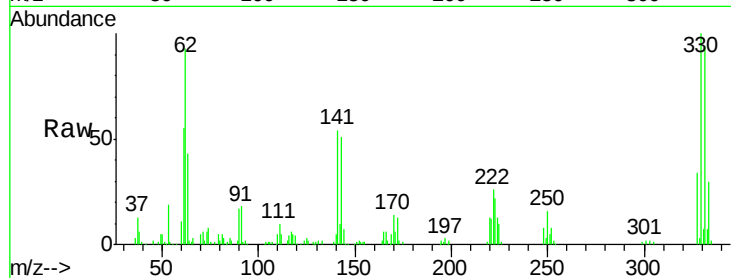
Tot Ion:248 Resp: 9310

Ion Ratio Lower Upper

248 100

250 199.0 78.5 117.7#

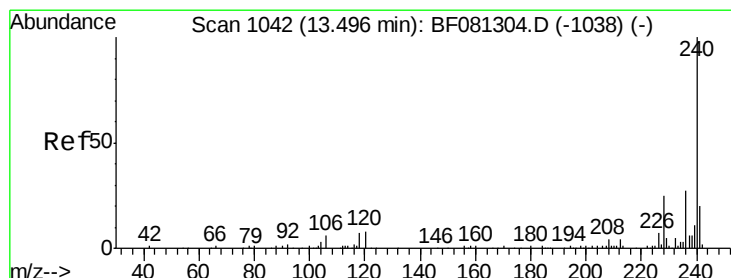
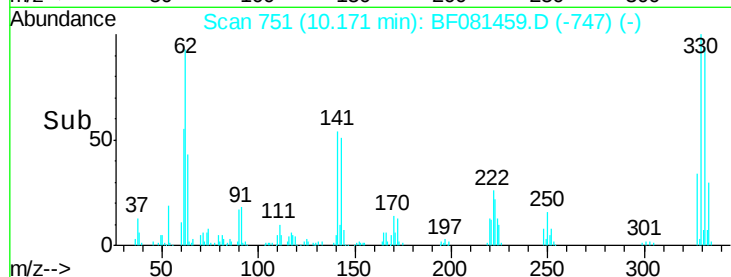
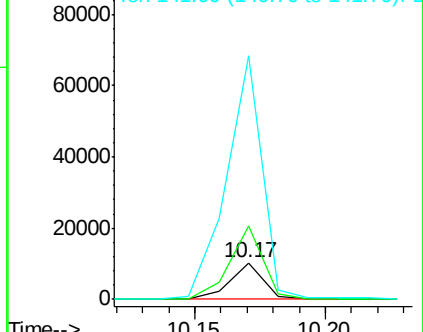
141 663.0 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#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

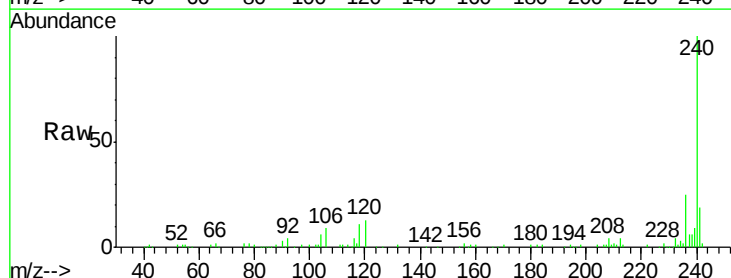
Tgt Ion:240 Resp: 143008

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

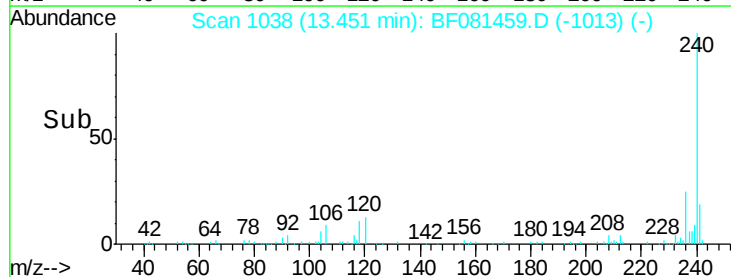
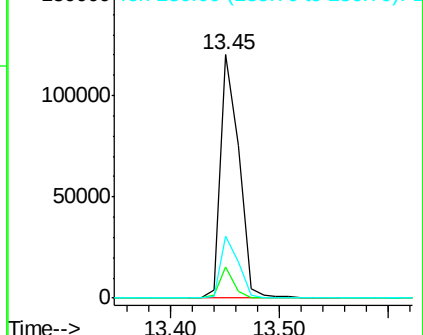
236 25.4 18.4 27.6

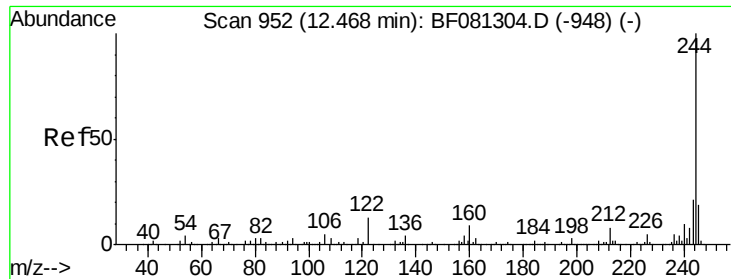


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

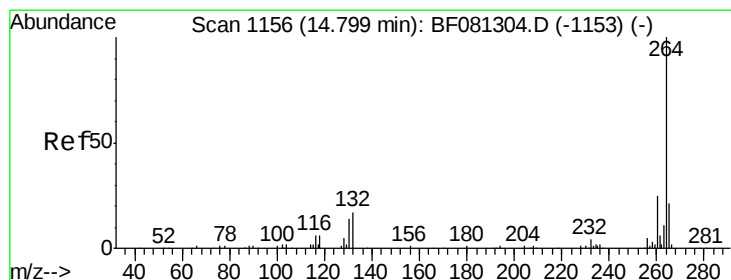
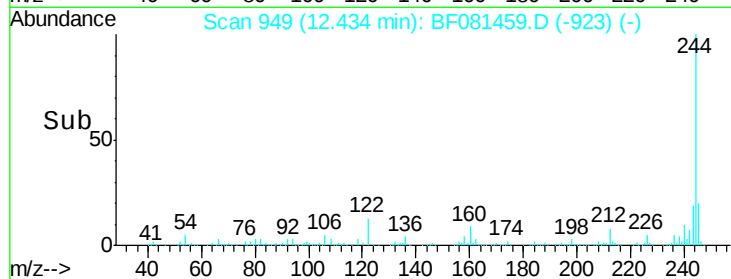
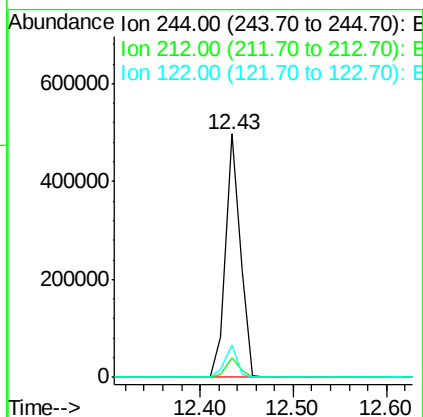
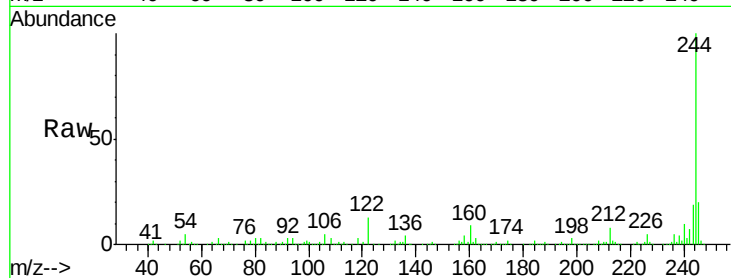




#78
 Terphenyl-d14
 Concen: 90.10 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081459.D
 Acq: 5 Sep 2015 12:14

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

Tot 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

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

