

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081463.D
 Acq On : 5 Sep 2015 14:17
 Operator : UM/IZ
 Sample : G3497-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 02:50:00 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

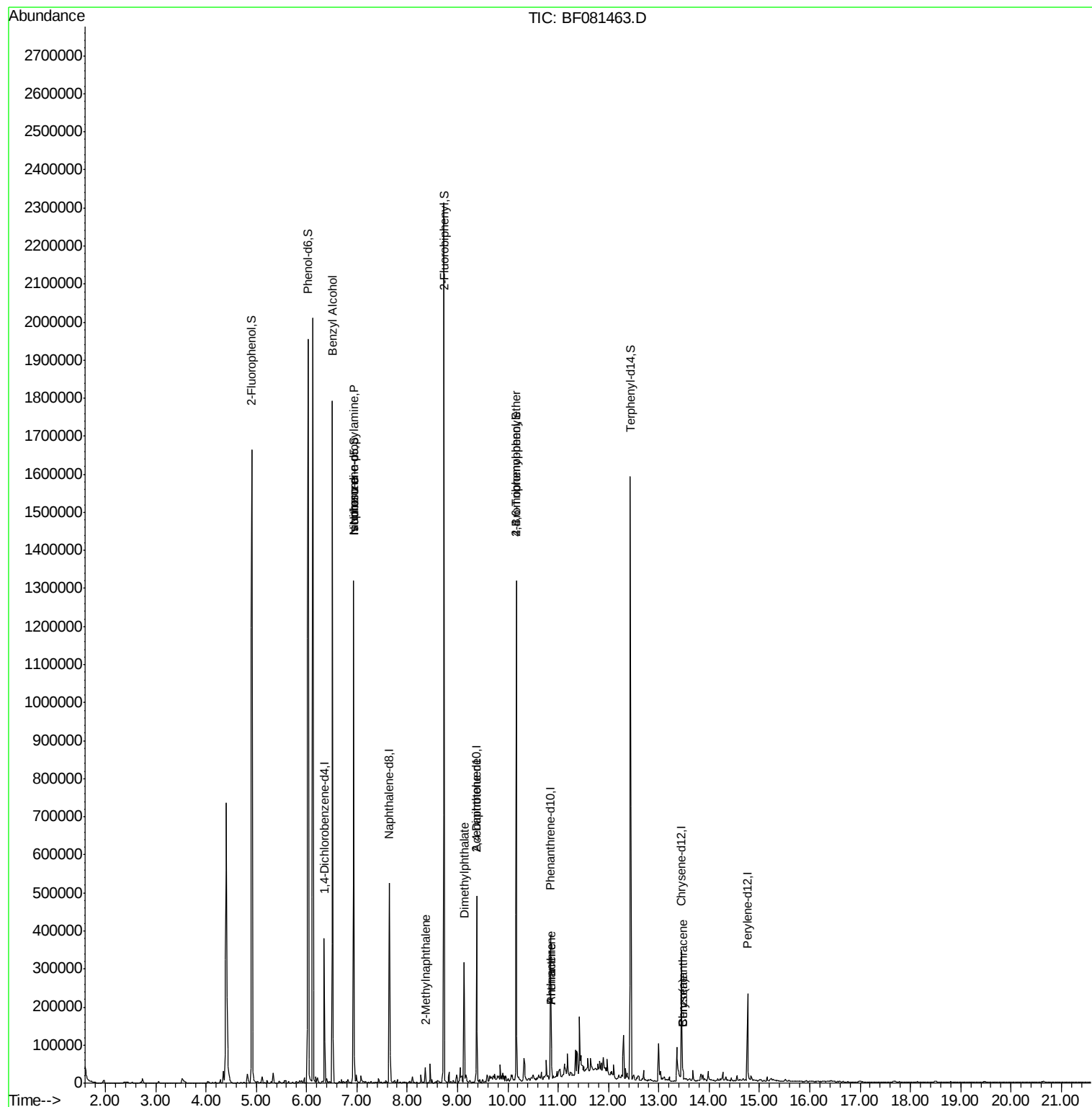
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52002	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	202349	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	89142	20.00	ng	-0.01
63) Phenanthrene-d10	10.85	188	175240	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	131102	20.00	ng	-0.01
86) Perylene-d12	14.77	264	96920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	542669	161.91	ng	0.02
7) Phenol-d6	6.03	99	762461	171.86	ng	0.00
23) Nitrobenzene-d5	6.94	82	440419	105.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	118064	148.75	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	704404	101.26	ng	0.00
78) Terphenyl-d14	12.43	244	580248	103.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.51	79	8205	2.25	ng	# 31
19) n-Nitroso-di-n-propylamine	6.94	70	59966	19.86	ng	# 63
25) Isophorone	6.94	82	321672	41.23	ng	# 58
37) 2-Methylnaphthalene	8.36	142	15980	2.28	ng	# 90
49) Dimethylphthalate	9.13	163	111263	16.06	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	13425	6.71	ng	# 36
66) 4-Bromophenyl-phenylether	10.17	248	9615	5.43	ng	# 1
70) Phenanthrene	10.87	178	30815	3.16	ng	94
71) Anthracene	10.87	178	30815	3.08	ng	95
80) Benzo(a)anthracene	13.49	228	18576	2.22	ng	# 76
82) Chrysene	13.49	228	18576	2.48	ng	# 78

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

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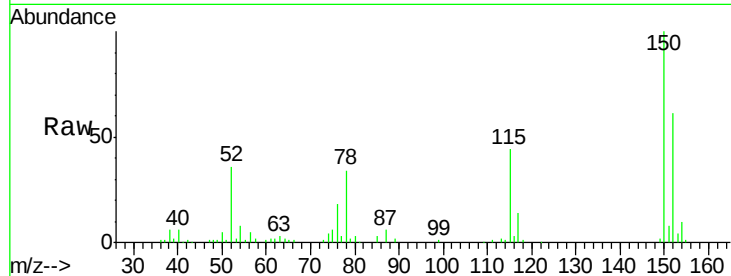


#1

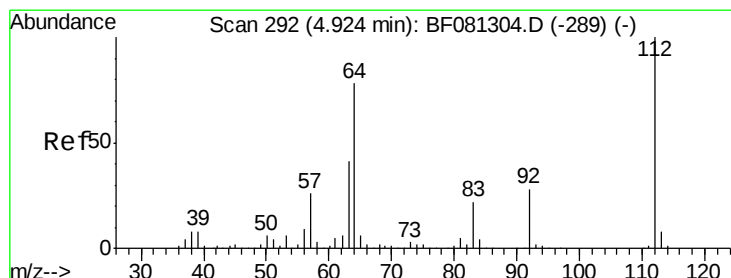
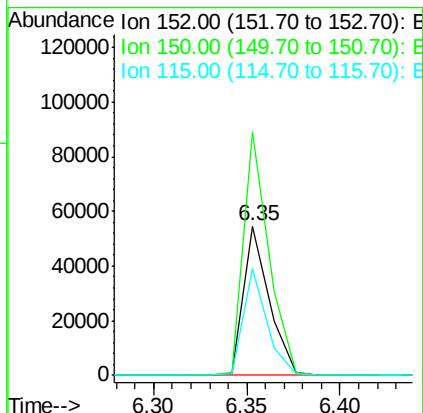
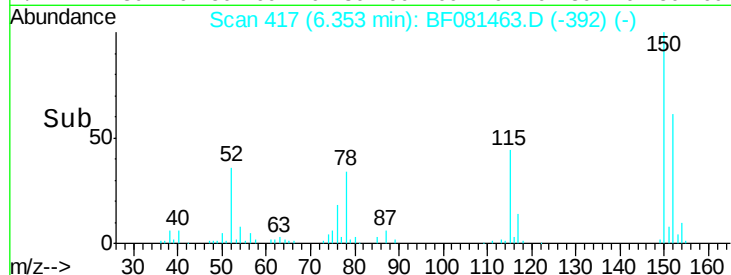
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 52002
Ion Ratio Lower Upper
152 100
150 163.6 124.7 187.1
115 71.9 39.0 58.4#



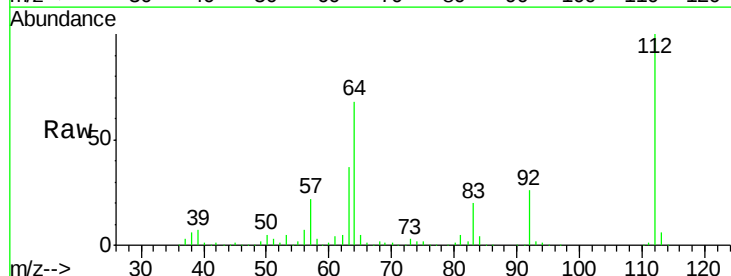
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



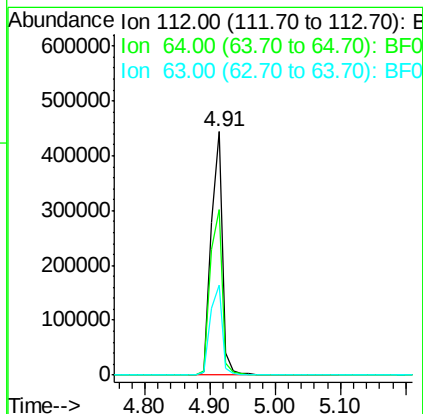
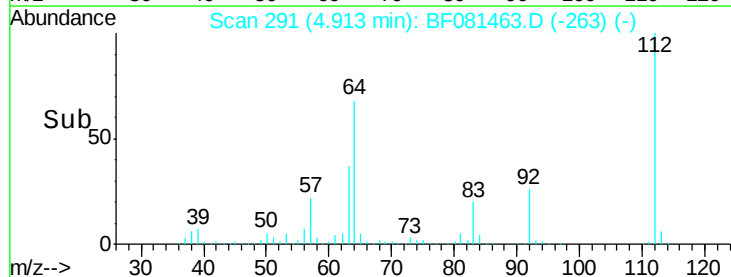
#5

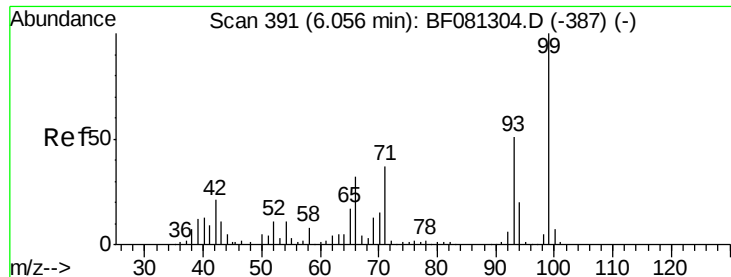
2-Fluorophenol
Concen: 161.91 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Tgt Ion:112 Resp: 542669
Ion Ratio Lower Upper
112 100
64 67.9 39.7 59.5#
63 37.1 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: 171.86 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081463.D

Acq: 5 Sep 2015 14:17

Instrument :

BNA_F

ClientSampled :

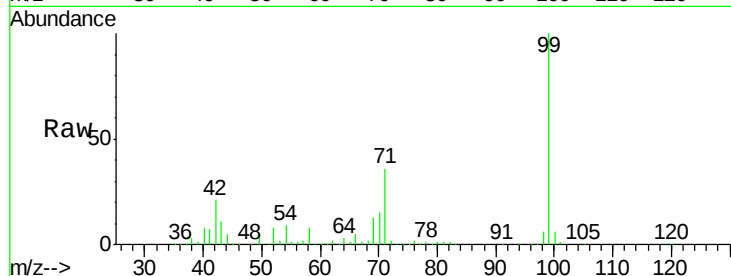
Tot Ion: 99 Resp: 762461

Ion Ratio Lower Upper

99 100

42 20.7 13.7 20.5#

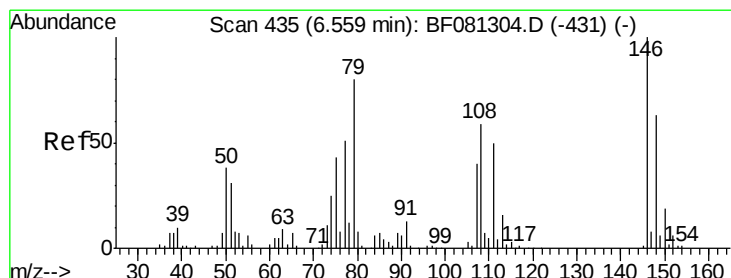
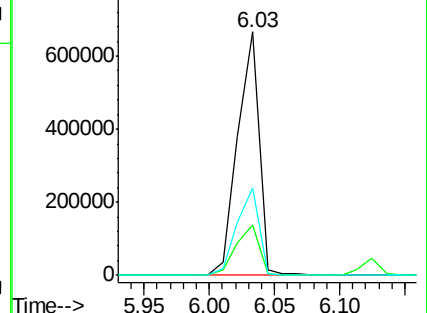
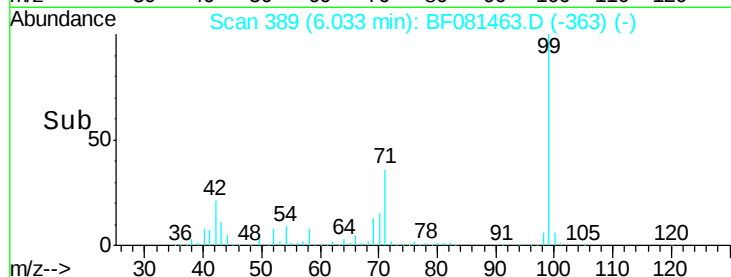
71 35.9 14.2 21.2#



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: 2.25 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF081463.D

Acq: 5 Sep 2015 14:17

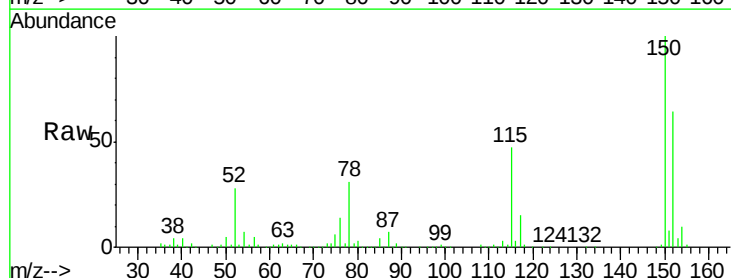
Tgt Ion: 79 Resp: 8205

Ion Ratio Lower Upper

79 100

108 25.6 88.6 132.8#

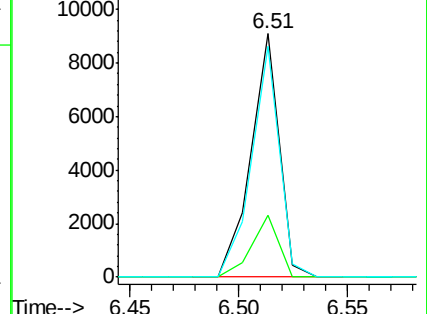
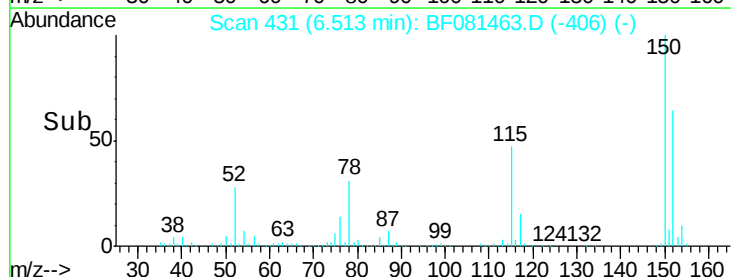
77 94.7 47.0 70.4#

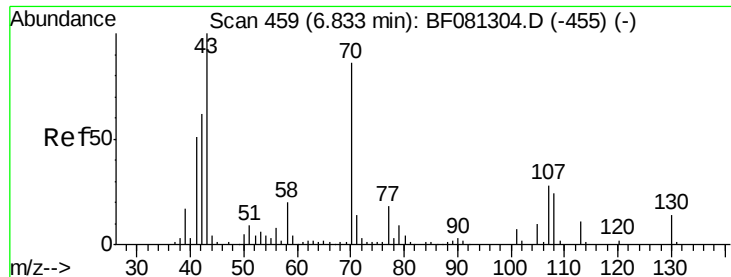


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

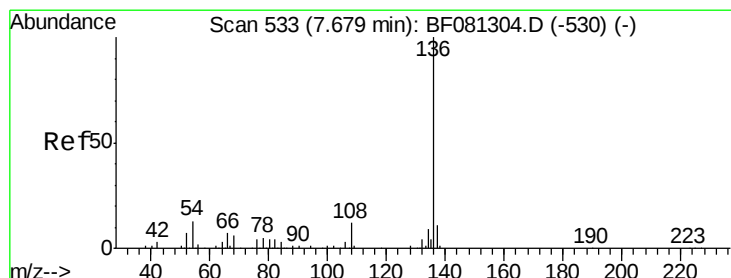
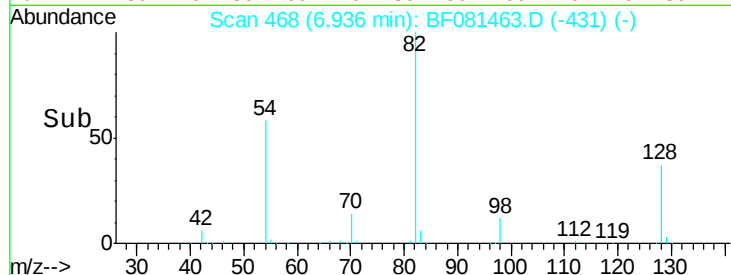
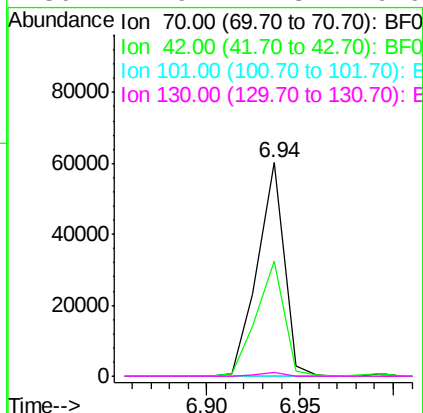
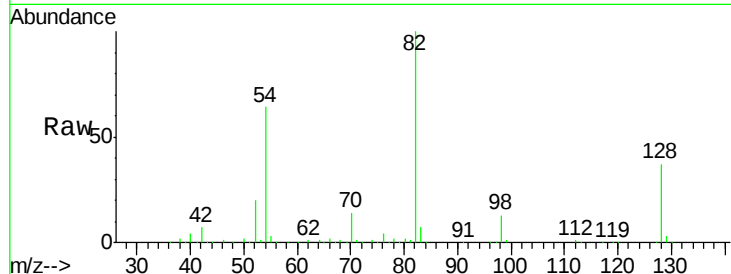




#19
n-Nitroso-di-n-propylamine
Concen: 19.86 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

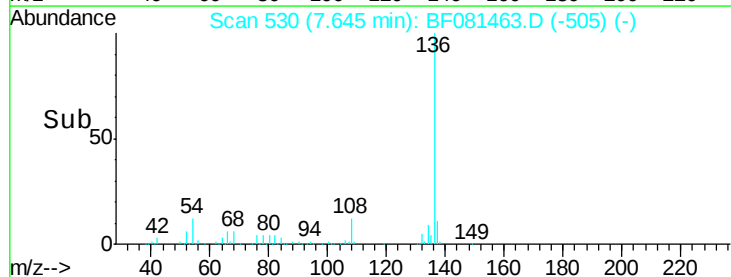
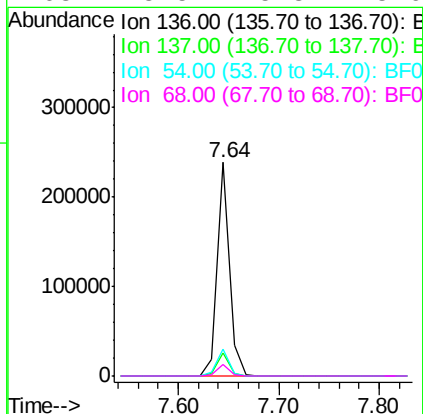
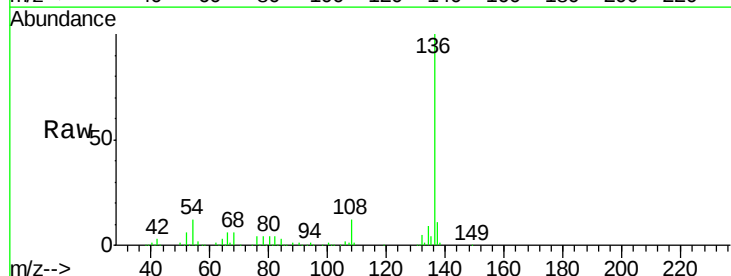
Instrument :
BNA_F
ClientSampleId :

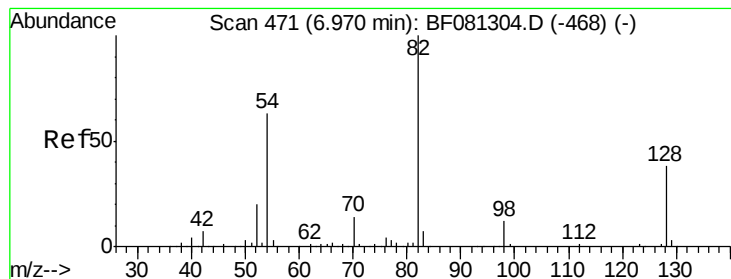
Tot Ion: 70 Resp: 59966
Ion Ratio Lower Upper
70 100
42 54.1 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Tgt Ion: 136 Resp: 202349
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 12.4 8.2 12.2#
68 5.5 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 105.01 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081463.D

Acq: 5 Sep 2015 14:17

Instrument :

BNA_F

ClientSampleId :

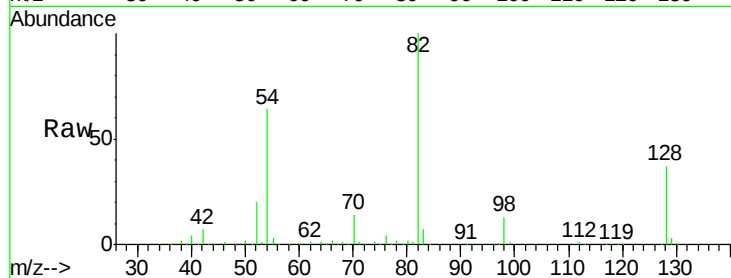
Tot Ion: 82 Resp: 440419

Ion Ratio Lower Upper

82 100

128 37.0 51.0 76.6#

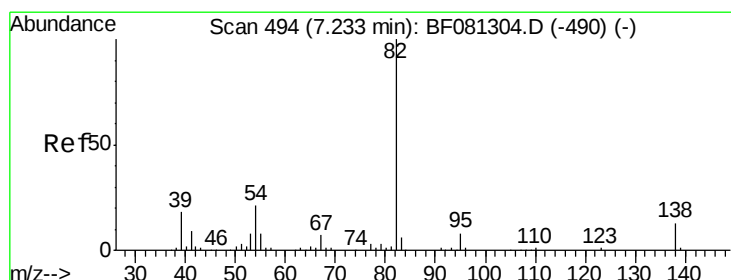
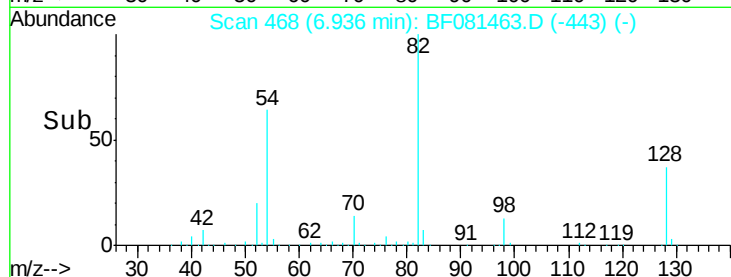
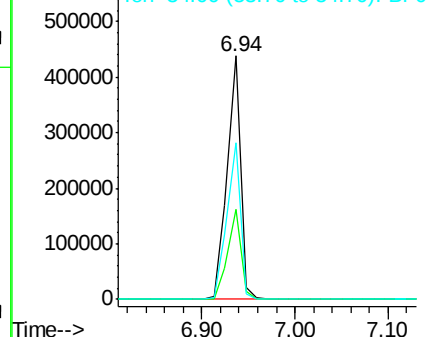
54 64.3 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 41.23 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081463.D

Acq: 5 Sep 2015 14:17

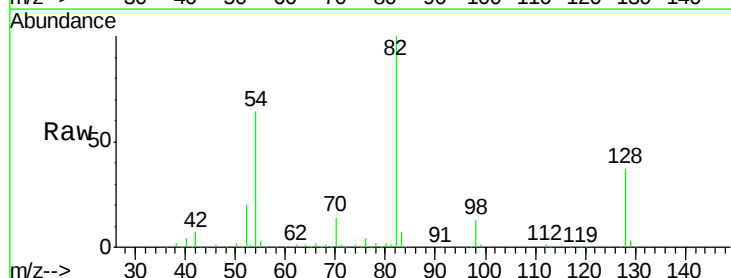
Tgt Ion: 82 Resp: 321672

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

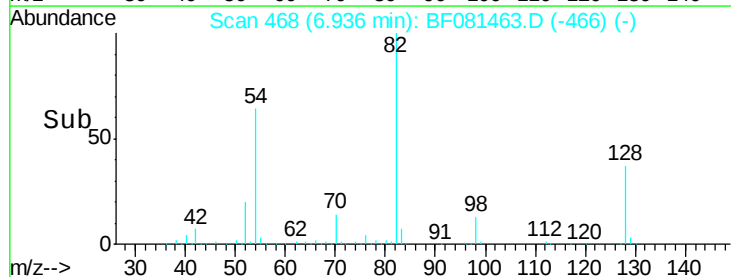
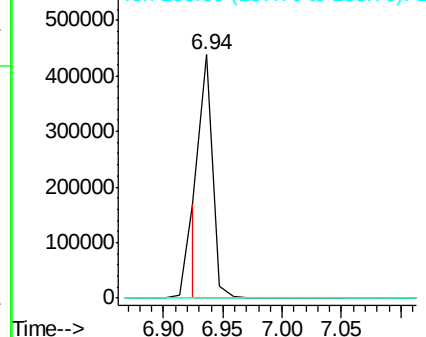
138 0.0 18.3 27.5#

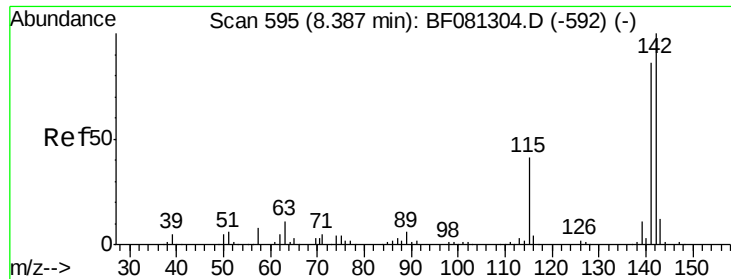


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

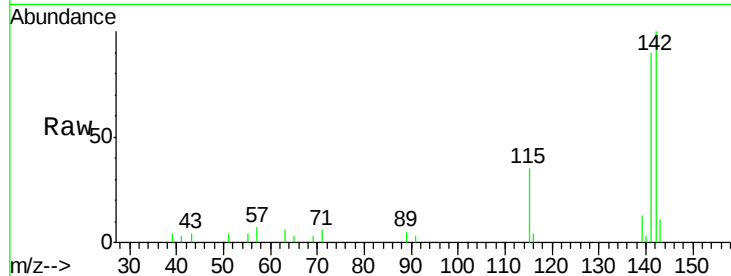




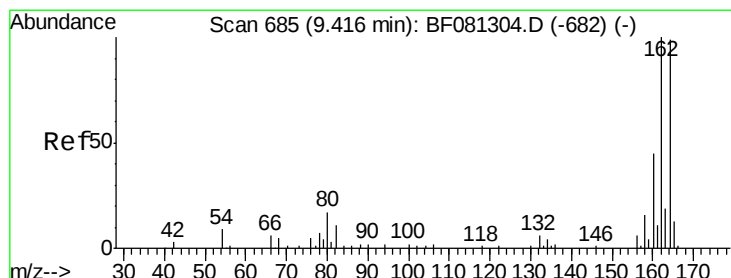
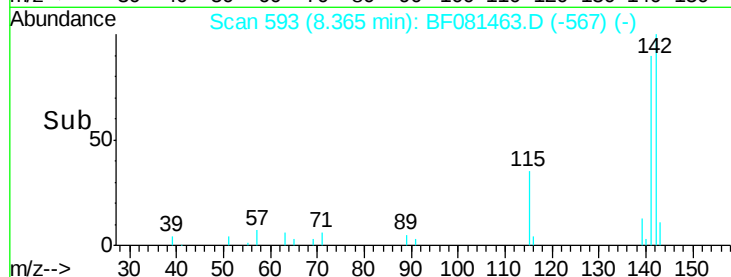
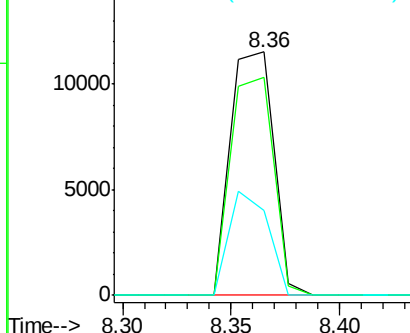
#37
2-Methylnaphthalene
Concen: 2.28 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 15980
Ion Ratio Lower Upper
142 100
141 89.6 67.5 101.3
115 34.9 18.2 27.2#

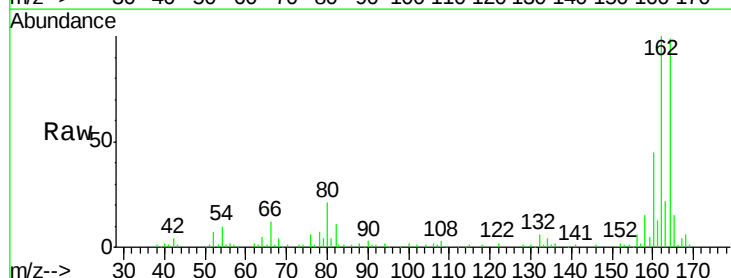


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

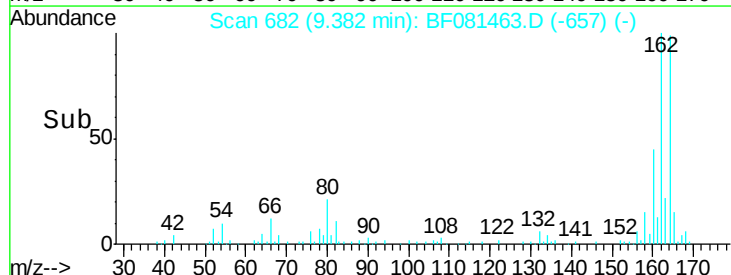
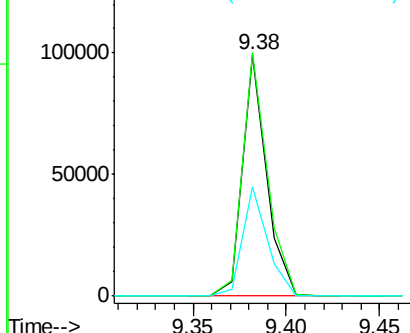


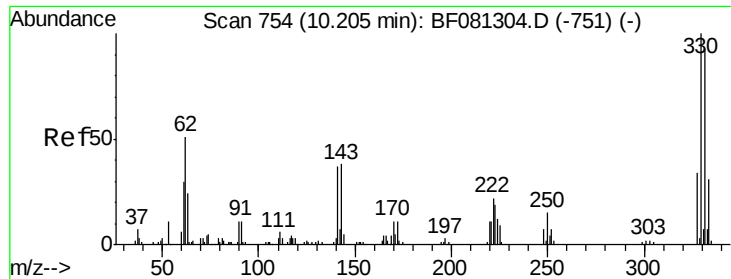
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Tgt Ion:164 Resp: 89142
Ion Ratio Lower Upper
164 100
162 100.9 75.2 112.8
160 45.1 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

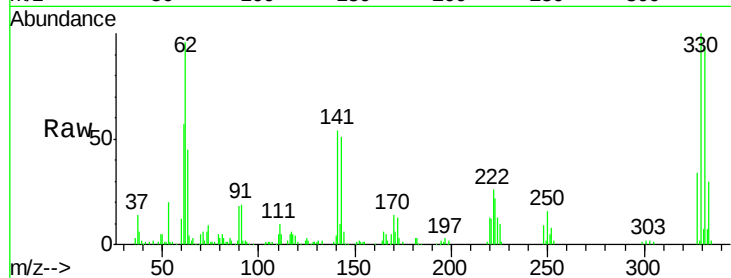




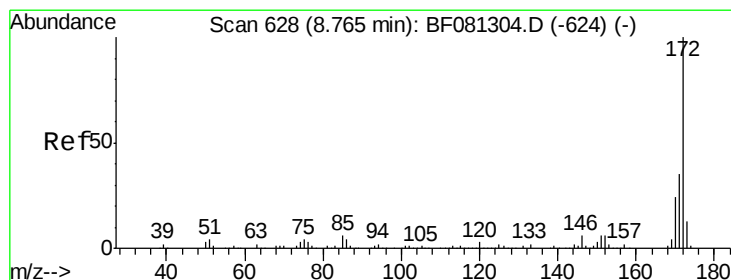
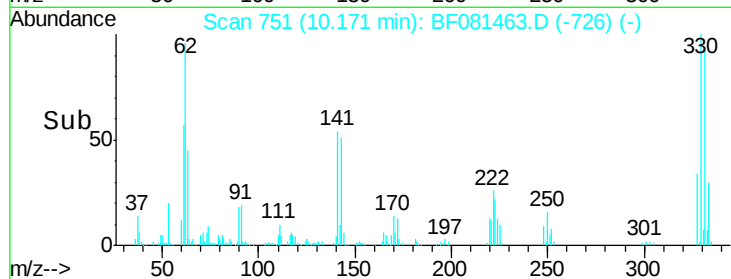
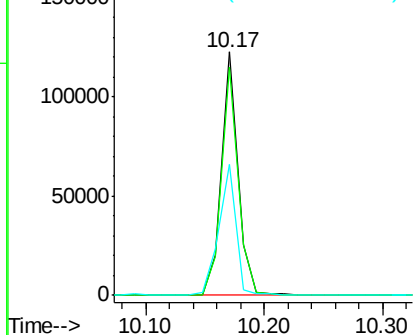
#41
 2,4,6-Tribromophenol
 Concen: 148.75 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081463.D
 Acq: 5 Sep 2015 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 118064
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 56.2 29.7 44.5#

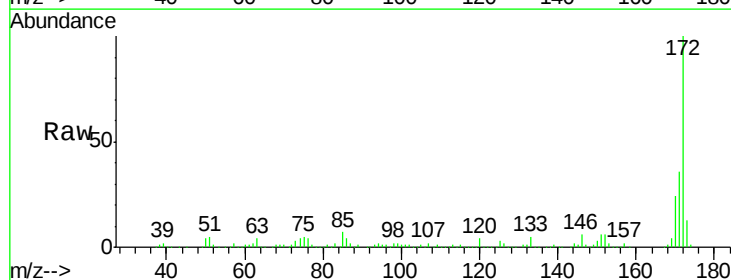


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

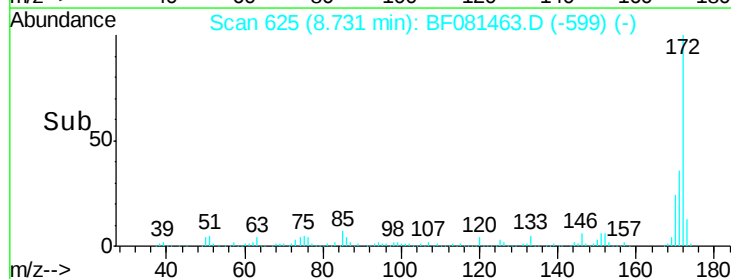
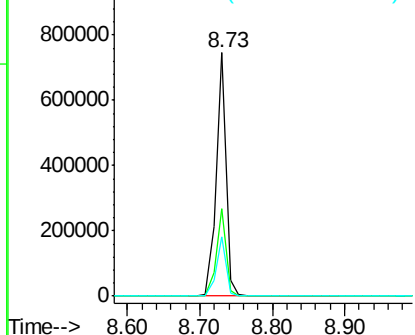


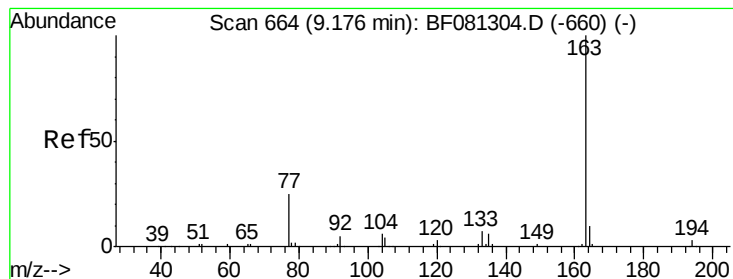
#44
 2-Fluorobiphenyl
 Concen: 101.26 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081463.D
 Acq: 5 Sep 2015 14:17

Tgt Ion:172 Resp: 704404
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.1 17.4 26.2



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





#49

Dimethylphthalate

Concen: 16.06 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081463.D

Acq: 5 Sep 2015 14:17

Instrument :

BNA_F

ClientSampleId :

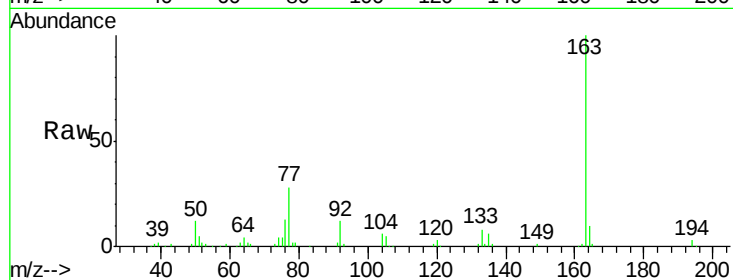
Tot Ion:163 Resp: 111263

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

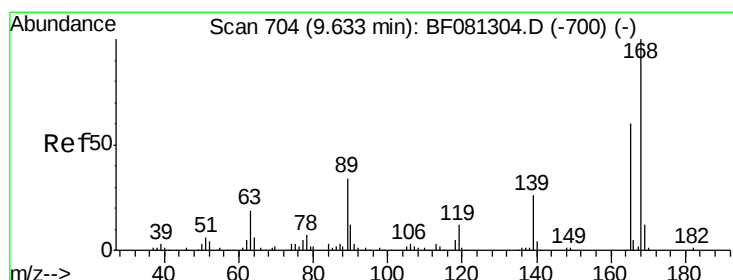
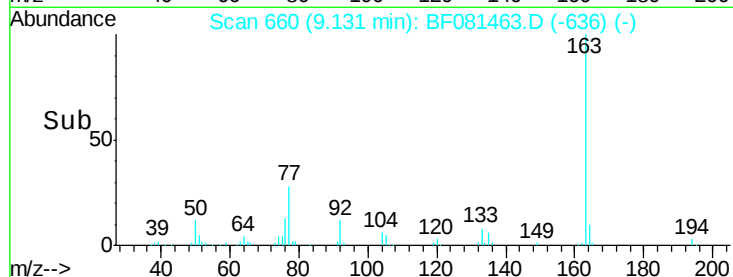
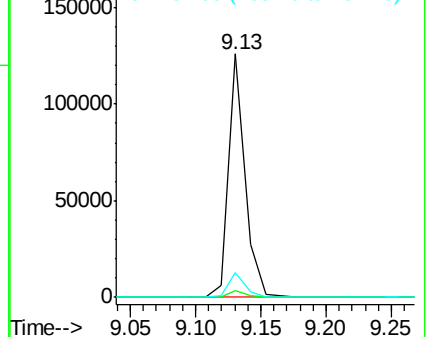
164 9.9 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.71 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF081463.D

Acq: 5 Sep 2015 14:17

Tgt Ion:165 Resp: 13425

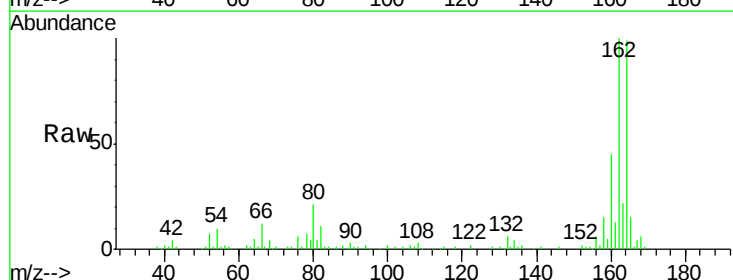
Ion Ratio Lower Upper

165 100

63 3.8 29.8 44.6#

89 3.2 44.5 66.7#

182 0.0 3.0 4.4#

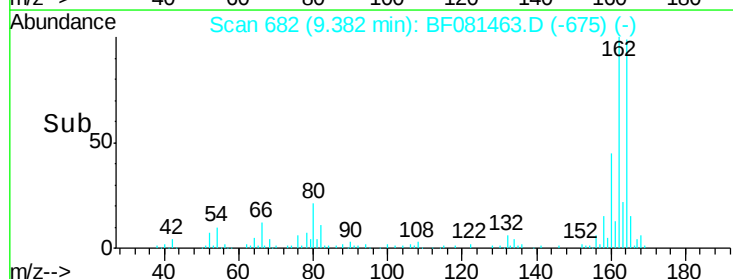
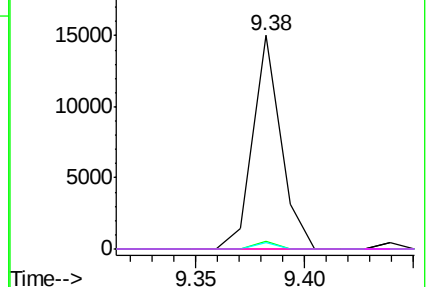


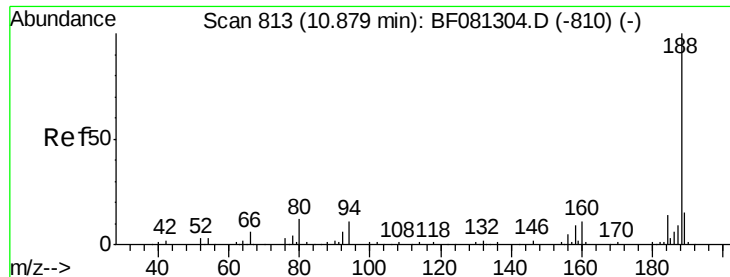
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

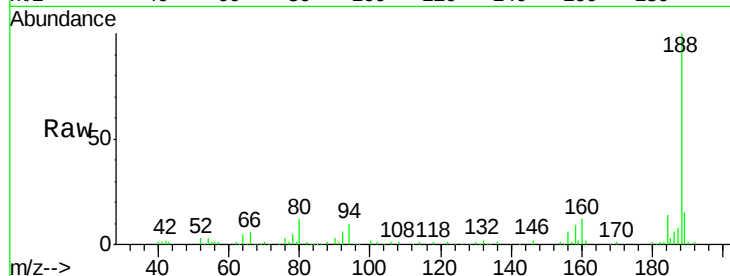




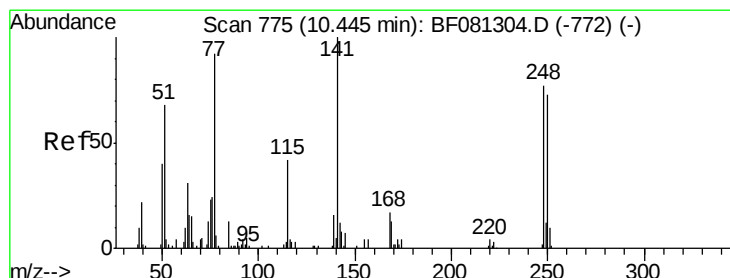
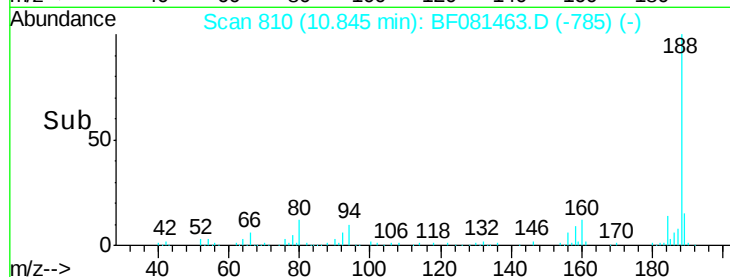
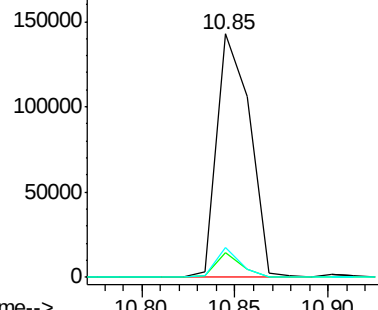
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081463.D
 Acq: 5 Sep 2015 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 175240
 Ion Ratio Lower Upper
 188 100
 94 10.4 11.1 16.7#
 80 12.4 11.0 16.4

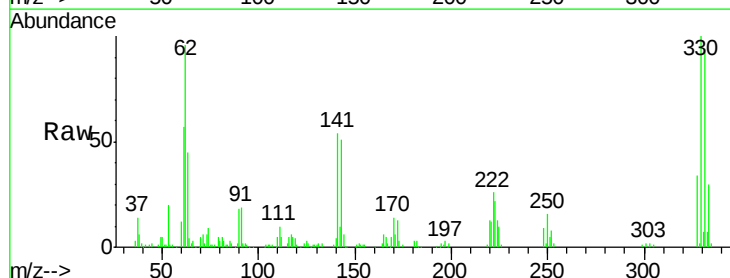


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

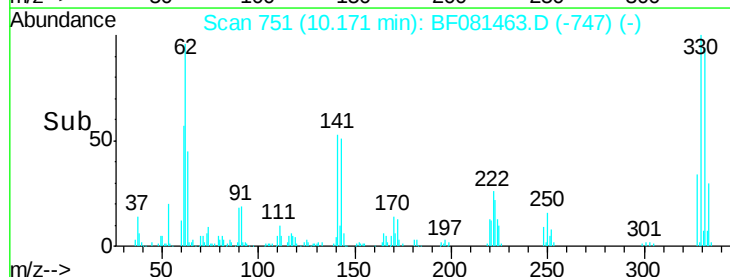
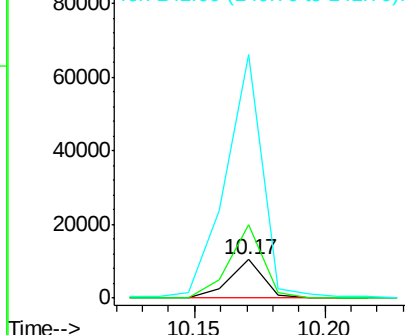


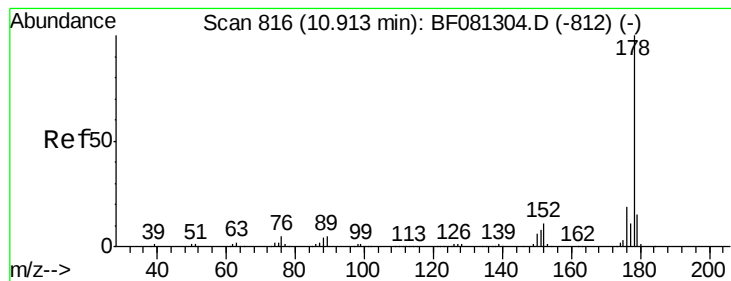
#66
 4-Bromophenyl-phenylether
 Concen: 5.43 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF081463.D
 Acq: 5 Sep 2015 14:17

Tgt Ion:248 Resp: 9615
 Ion Ratio Lower Upper
 248 100
 250 189.7 78.5 117.7#
 141 633.2 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





#70

Phenanthrene

Concen: 3.16 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF081463.D

Acq: 5 Sep 2015 14:17

Instrument :

BNA_F

ClientSampleId :

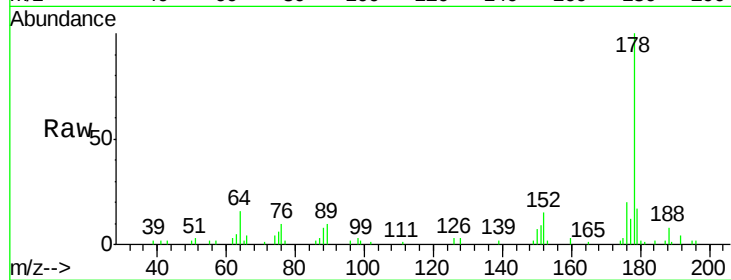
Tot Ion:178 Resp: 30815

Ion Ratio Lower Upper

178 100

176 20.4 13.8 20.8

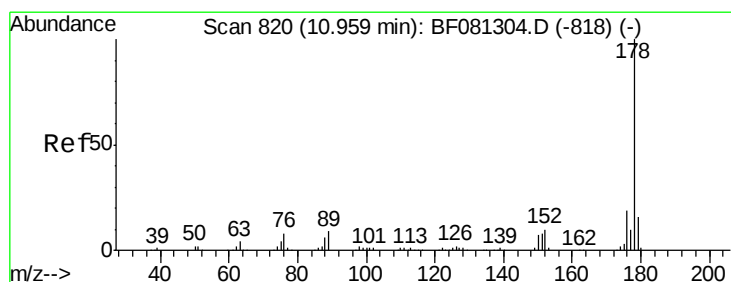
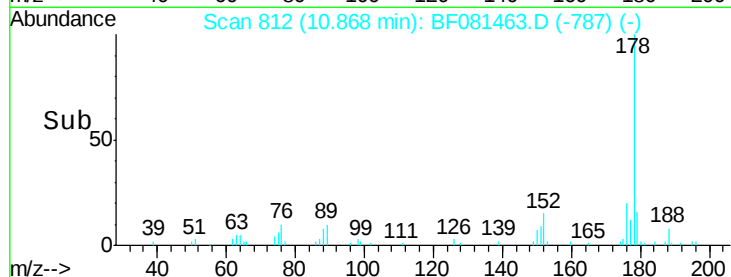
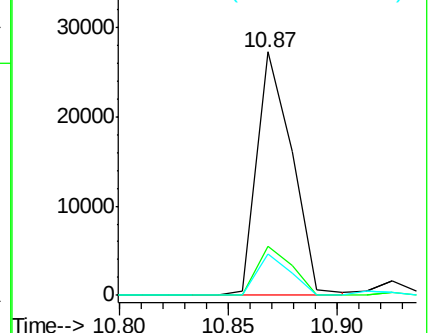
179 17.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.08 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.07 min

Lab File: BF081463.D

Acq: 5 Sep 2015 14:17

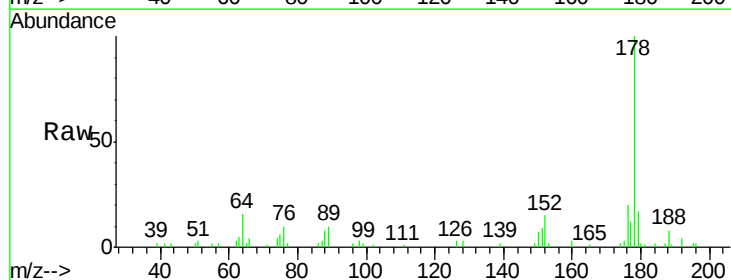
Tgt Ion:178 Resp: 30815

Ion Ratio Lower Upper

178 100

176 20.4 14.1 21.1

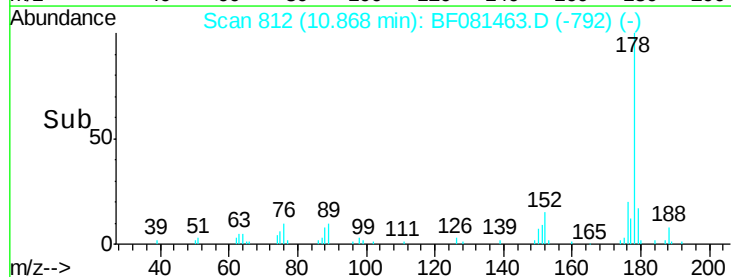
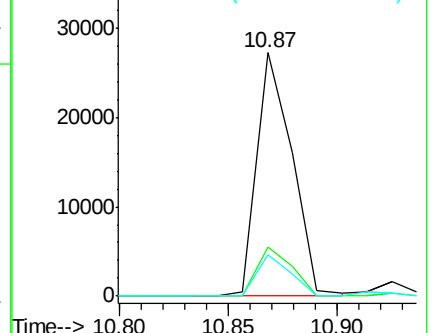
179 17.1 12.2 18.2

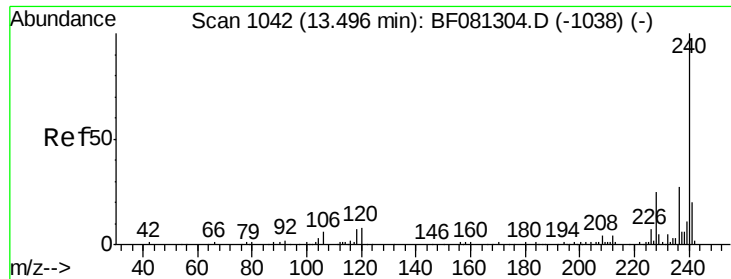


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

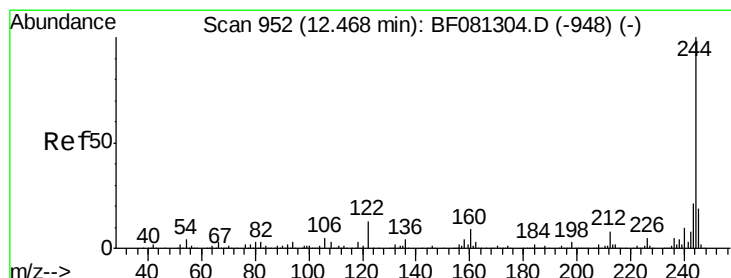
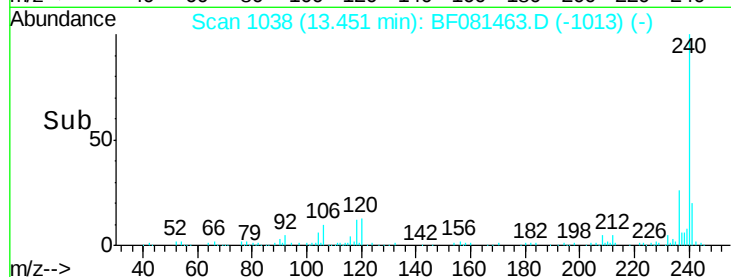
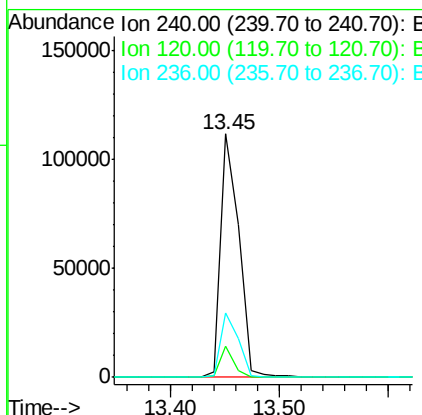
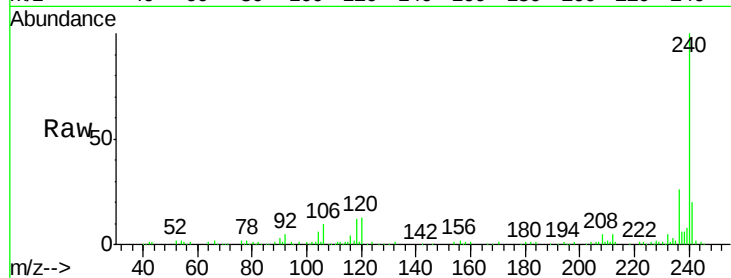




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

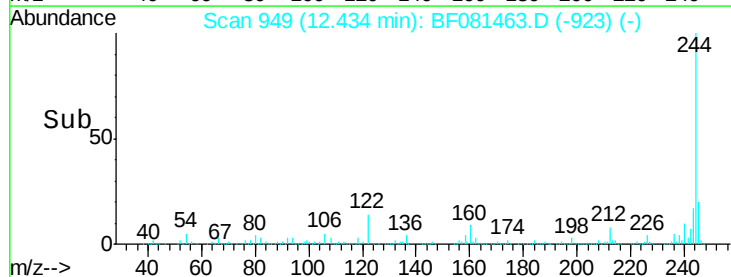
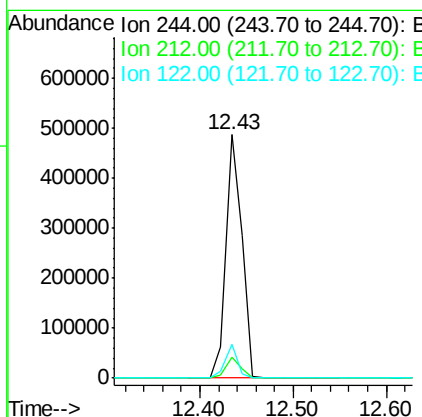
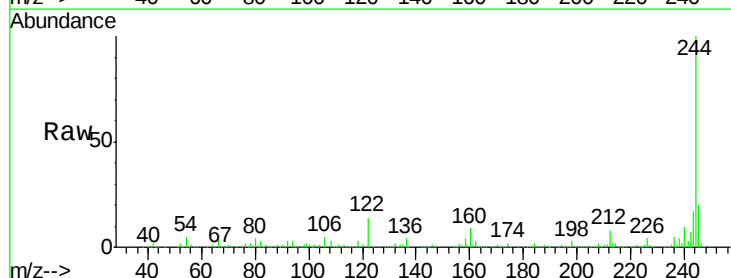
Instrument :
BNA_F
ClientSampled :

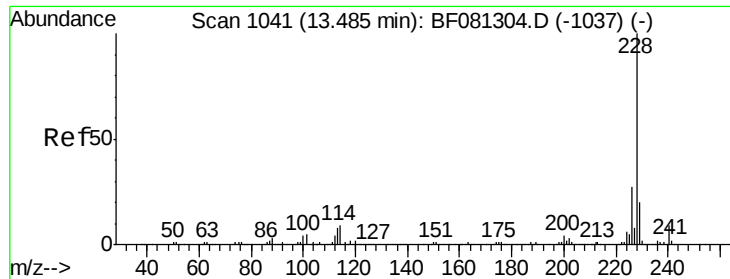
Tot Ion:240 Resp: 131102
Ion Ratio Lower Upper
240 100
120 13.0 16.2 24.2#
236 26.4 18.4 27.6



#78
Terphenyl-d14
Concen: 103.03 ng
RT: 12.43 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Tgt Ion:244 Resp: 580248
Ion Ratio Lower Upper
244 100
212 8.4 4.3 6.5#
122 13.8 17.4 26.2#

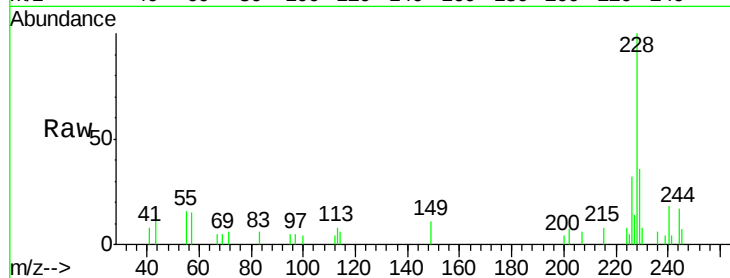




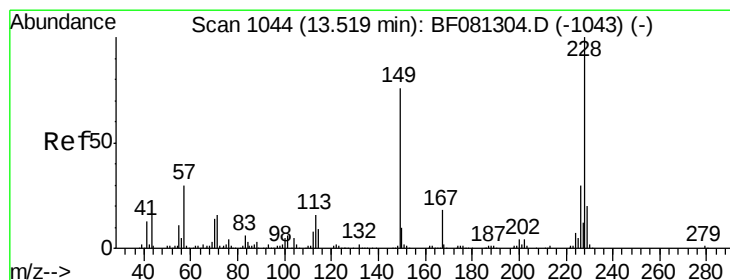
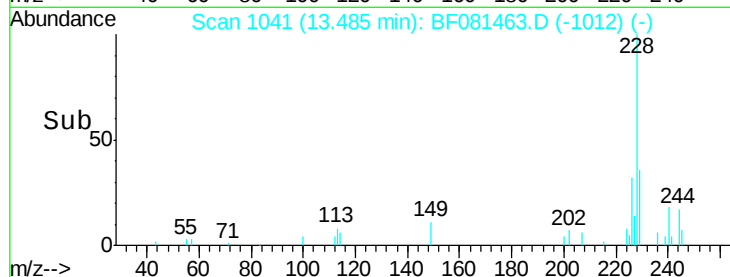
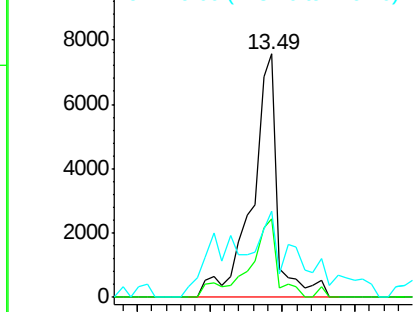
#80
Benzo(a)anthracene
Concen: 2.22 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.03 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 18576
Ion Ratio Lower Upper
228 100
226 32.0 20.0 30.0#
229 35.6 15.4 23.2#

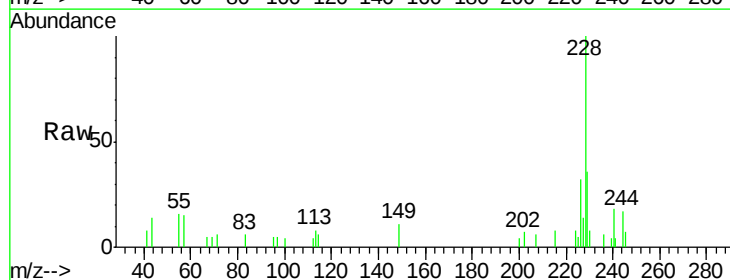


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

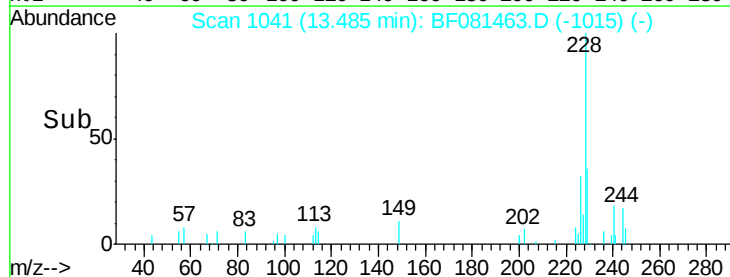
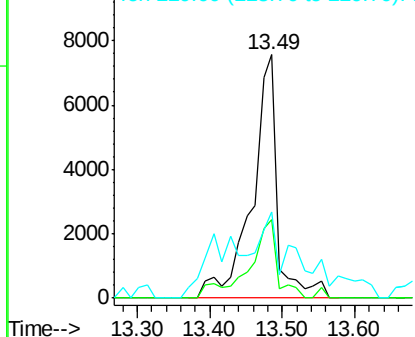


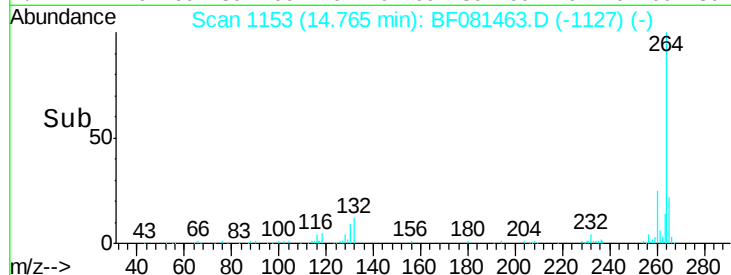
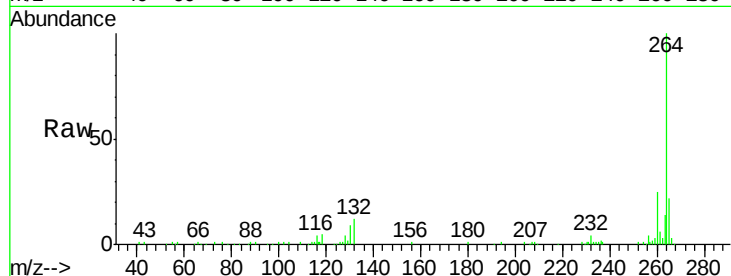
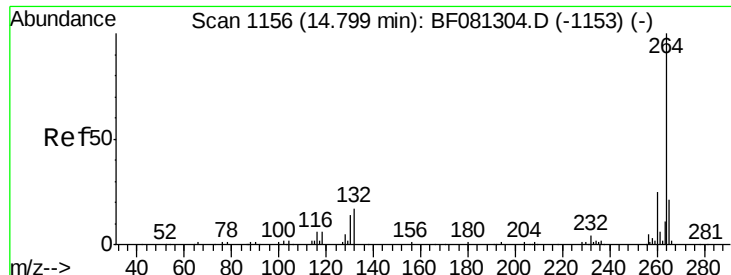
#82
Chrysene
Concen: 2.48 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Tgt Ion:228 Resp: 18576
Ion Ratio Lower Upper
228 100
226 32.0 21.0 31.4#
229 35.6 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	16.7	25.1#
265	21.8	17.2	25.8

