

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081819.D
 Acq On : 25 Sep 2015 23:28
 Operator : UM/IZ
 Sample : G3804-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1509113666

Quant Time: Sep 26 03:33:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

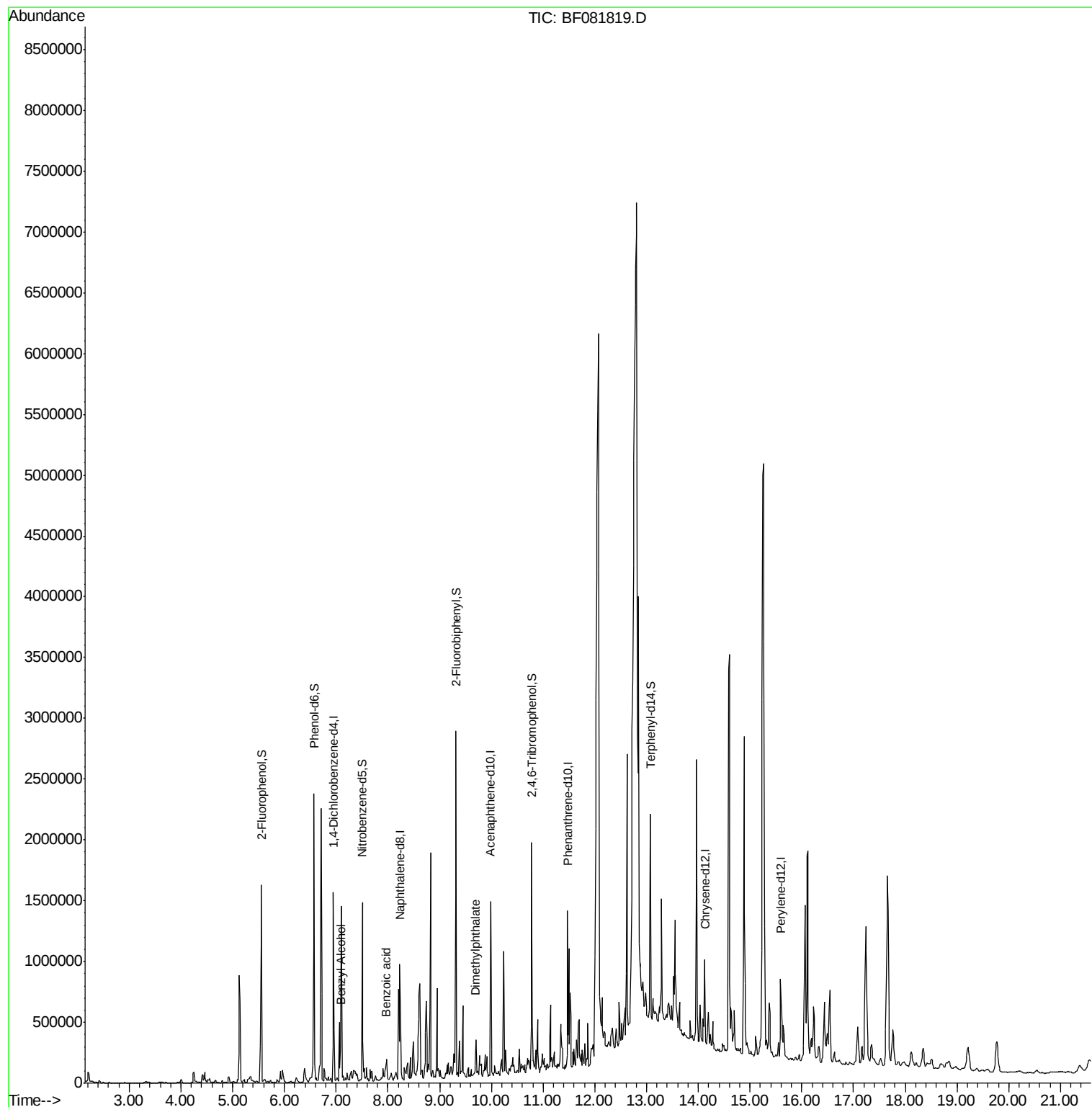
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	147414	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	515936	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	253232	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	429304	20.00	ng	0.00
75) Chrysene-d12	14.13	240	354758	20.00	ng	0.01
86) Perylene-d12	15.59	264	339129	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	628652	72.14	ng	0.01
7) Phenol-d6	6.57	99	827002	75.03	ng	0.00
23) Nitrobenzene-d5	7.51	82	468693	59.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	208604	94.88	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1037071	67.23	ng	0.00
78) Terphenyl-d14	13.08	244	856735	55.17	ng	0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.09	79	72392	8.33	ng	# 82
32) Benzoic acid	7.97	122	37672	24.63	ng	# 68
49) Dimethylphthalate	9.70	163	90271	4.68	ng	# 97

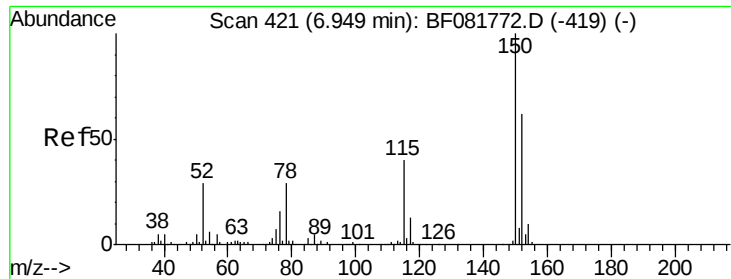
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

1509113666

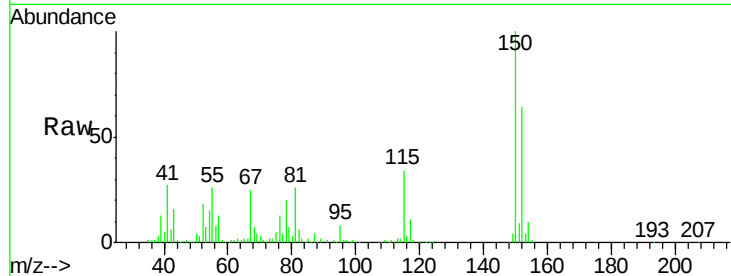
Tgt Ion:152 Resp: 147414

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

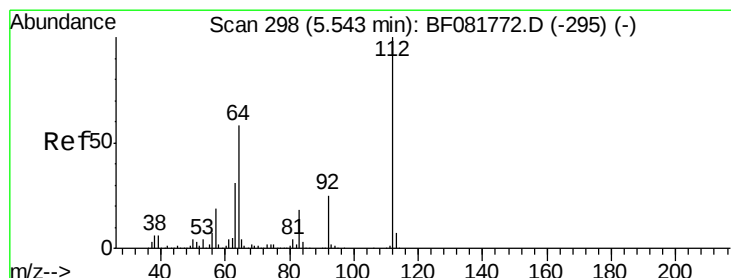
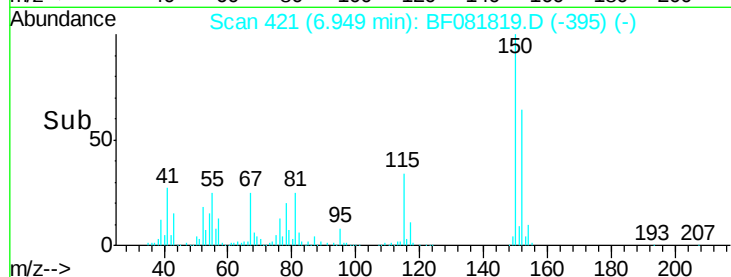
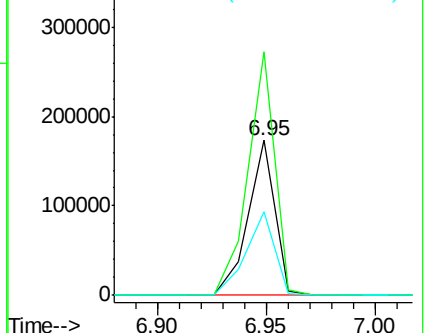
115 53.6 39.0 58.4



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: 72.14 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

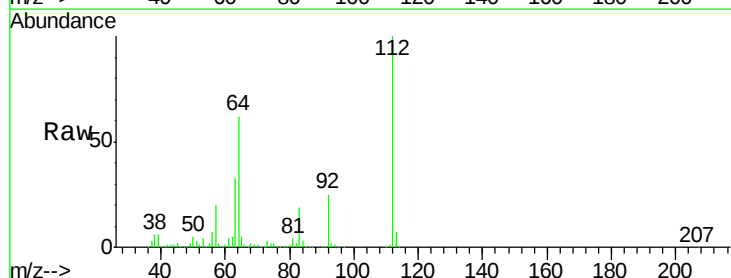
Tgt Ion:112 Resp: 628652

Ion Ratio Lower Upper

112 100

64 62.4 39.7 59.5#

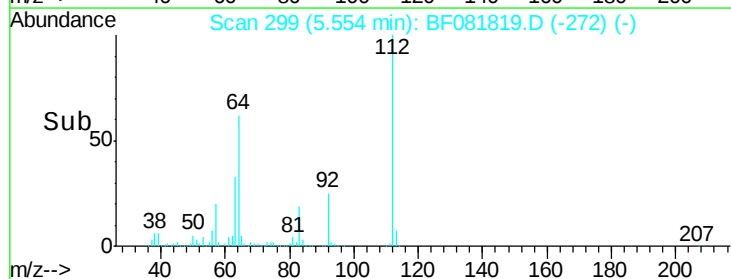
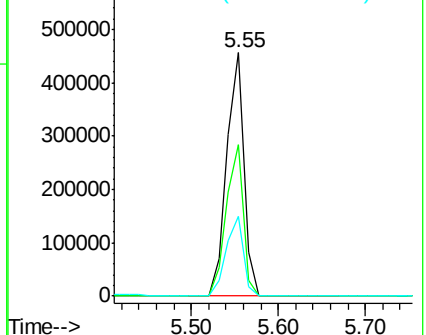
63 32.8 17.4 26.0#



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: 75.03 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

1509113666

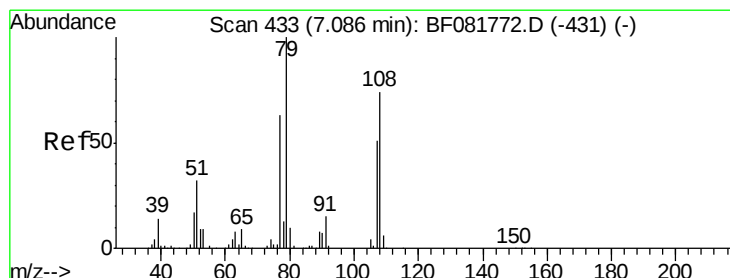
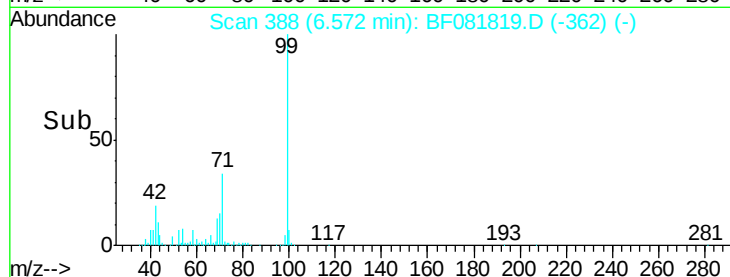
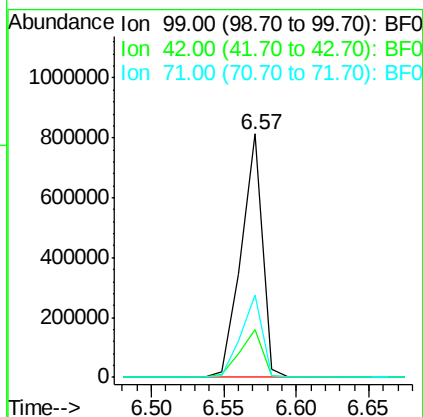
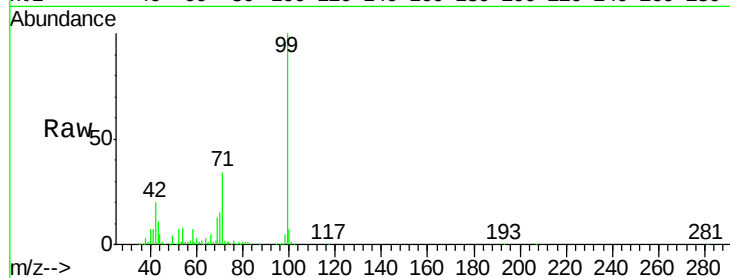
Tgt Ion: 99 Resp: 827002

Ion Ratio Lower Upper

99 100

42 19.5 13.7 20.5

71 33.8 14.2 21.2#



#15

Benzyl Alcohol

Concen: 8.33 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

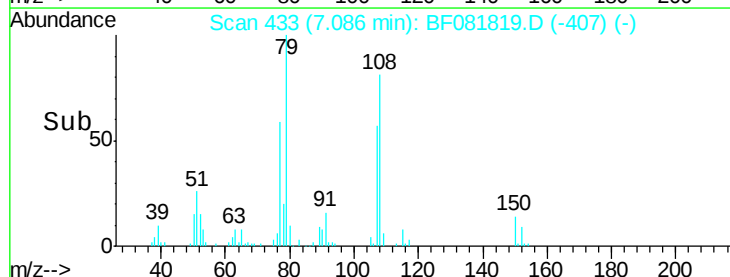
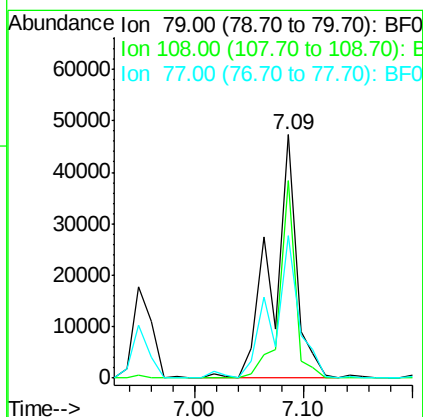
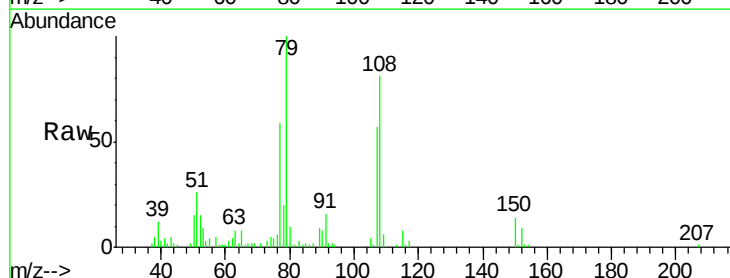
Tgt Ion: 79 Resp: 72392

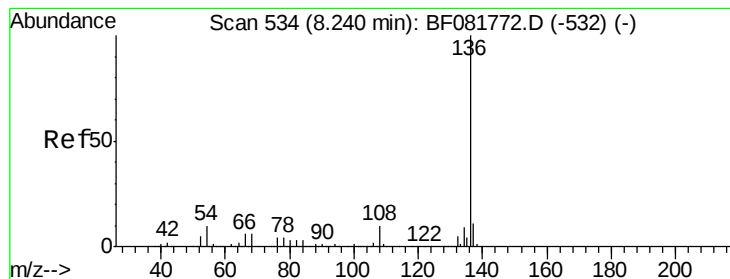
Ion Ratio Lower Upper

79 100

108 81.2 88.6 132.8#

77 58.7 47.0 70.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

1509113666

Tgt Ion:136 Resp: 515936

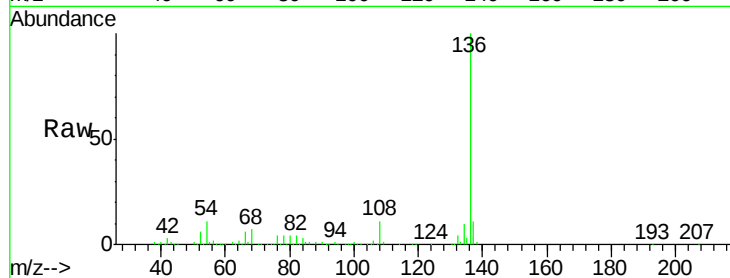
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 11.1 8.2 12.2

68 7.2 5.8 8.6

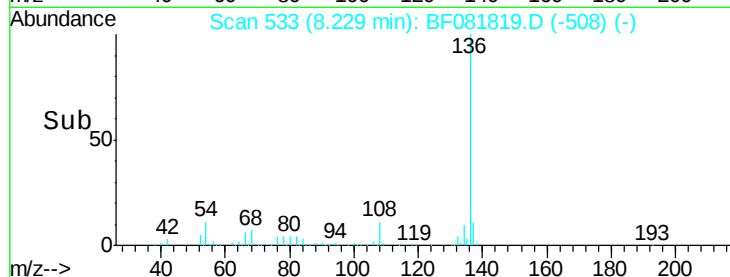


Abundance Ion 136.00 (135.70 to 136.70): E

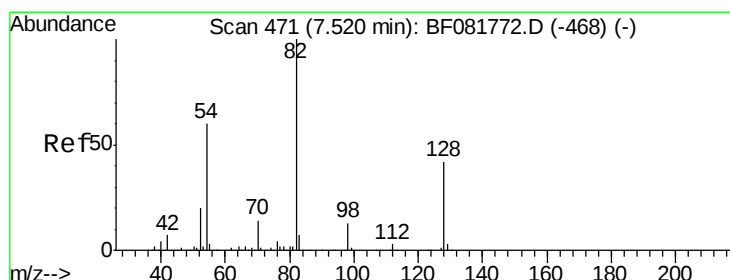
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.15 8.20 8.25 8.30



#23

Nitrobenzene-d5

Concen: 59.94 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

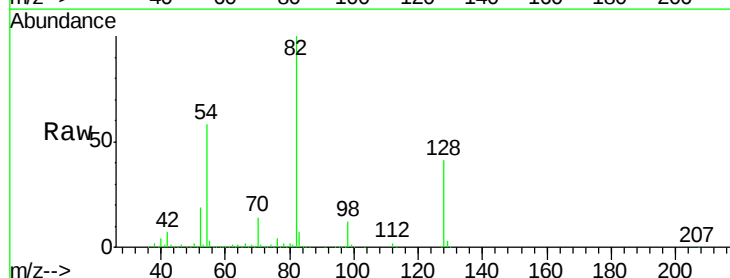
Tgt Ion: 82 Resp: 468693

Ion Ratio Lower Upper

82 100

128 40.7 51.0 76.6#

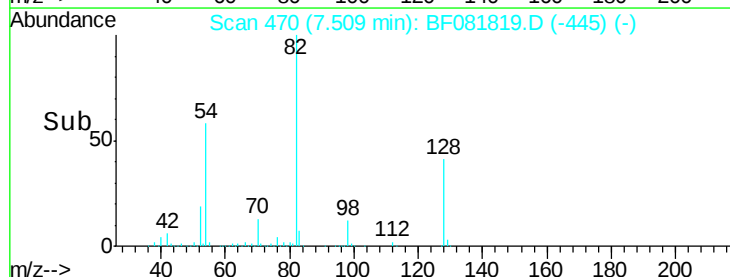
54 57.7 47.5 71.3



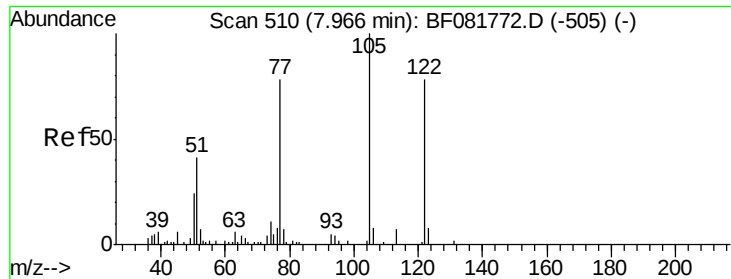
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.40 7.45 7.50 7.55 7.60



#32

Benzoic acid

Concen: 24.63 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

1509113666

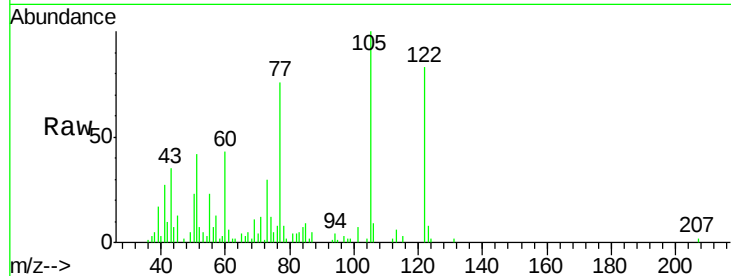
Tgt Ion:122 Resp: 37672

Ion Ratio Lower Upper

122 100

105 121.0 76.1 116.1#

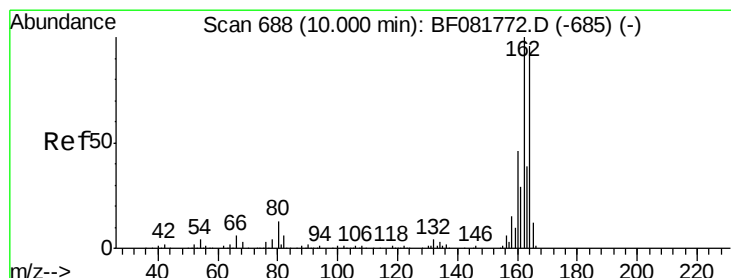
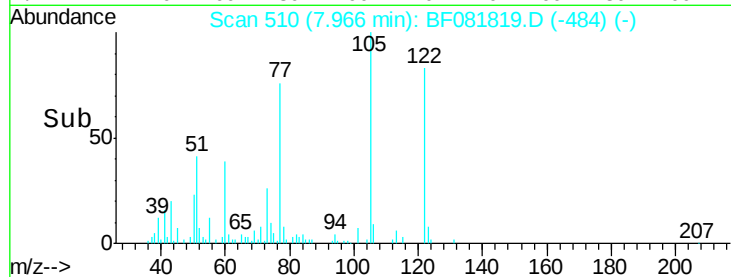
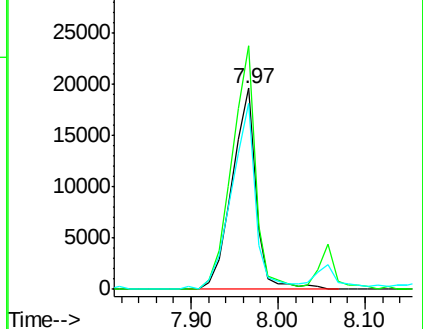
77 92.6 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

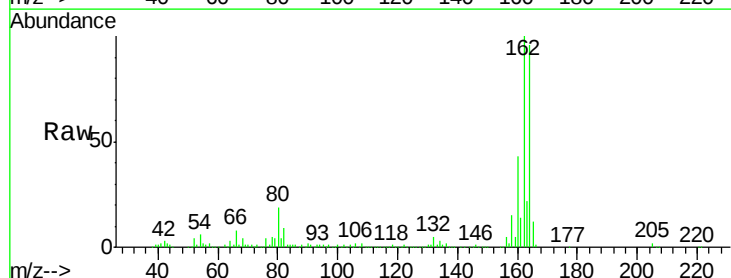
Tgt Ion:164 Resp: 253232

Ion Ratio Lower Upper

164 100

162 104.3 75.2 112.8

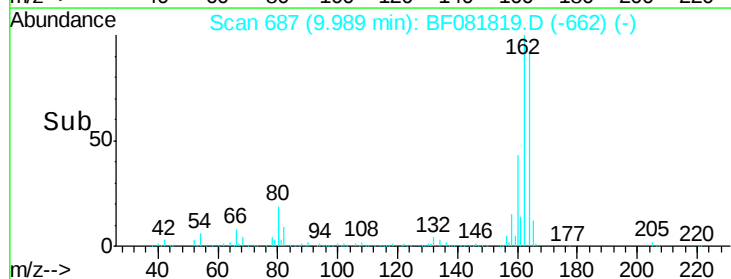
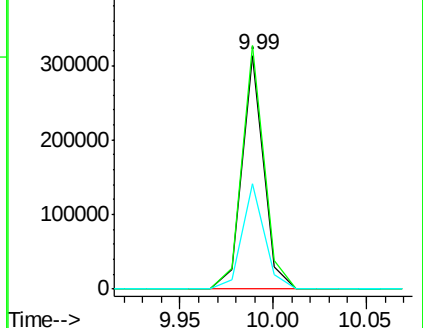
160 45.2 31.5 47.3

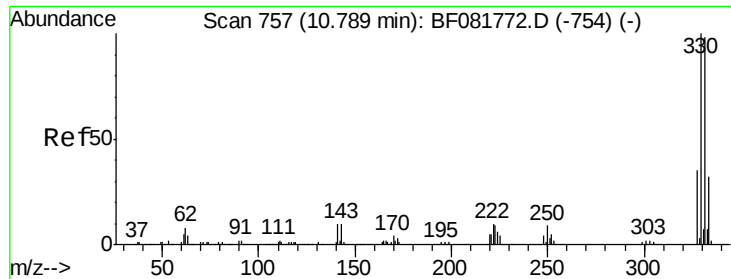


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

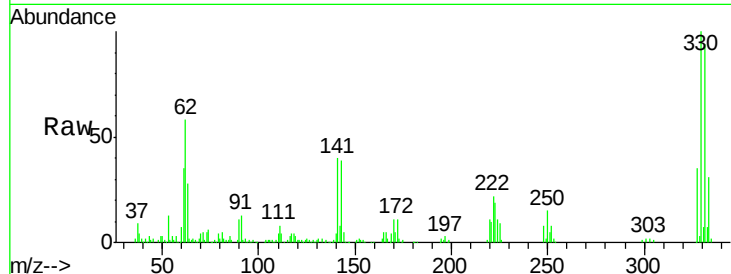




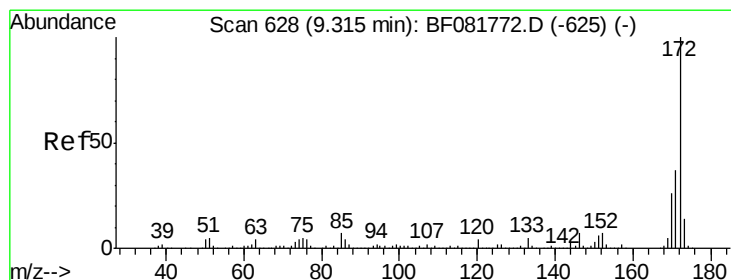
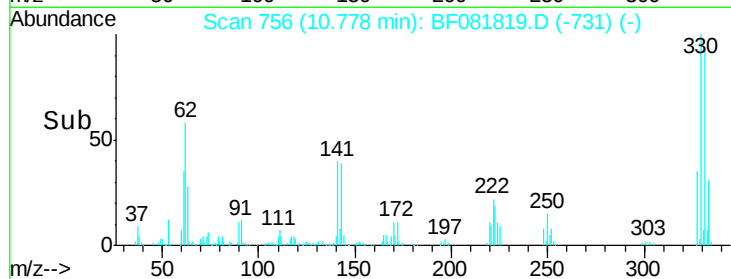
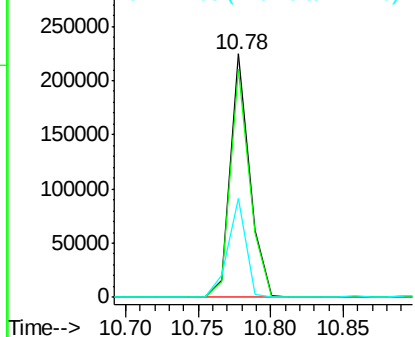
#41
 2,4,6-Tribromophenol
 Concen: 94.88 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081819.D
 Acq: 25 Sep 2015 23:28

Instrument :
 BNA_F
 ClientSampleId :
 1509113666

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	114.8
141	37.7	29.7	44.5

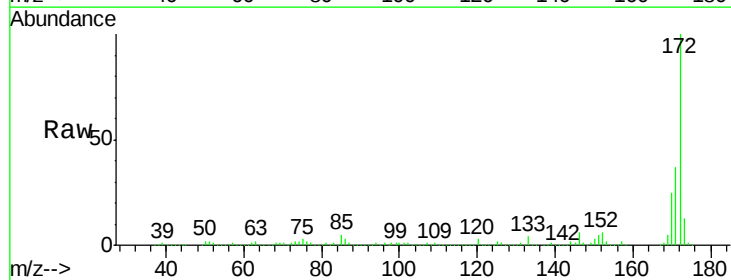


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

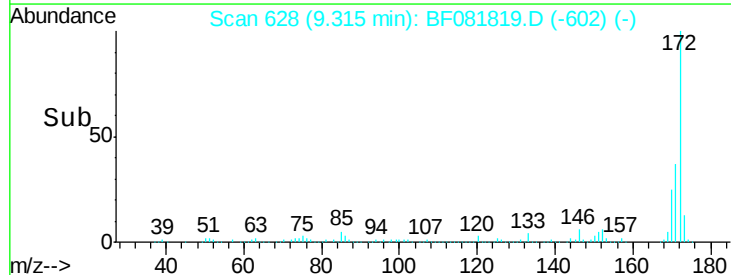
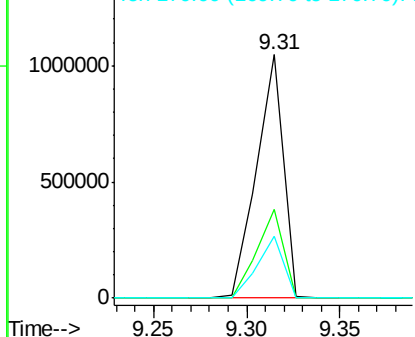


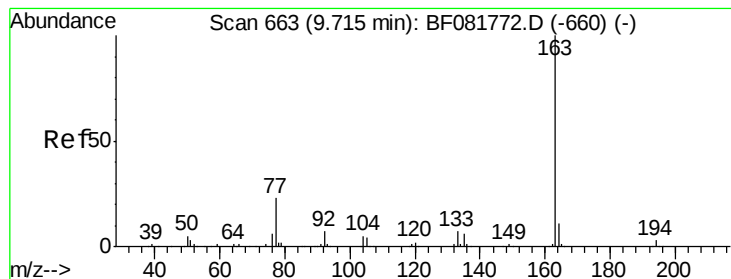
#44
 2-Fluorobiphenyl
 Concen: 67.23 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081819.D
 Acq: 25 Sep 2015 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.1	39.1
170	25.3	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: 4.68 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

Instrument :

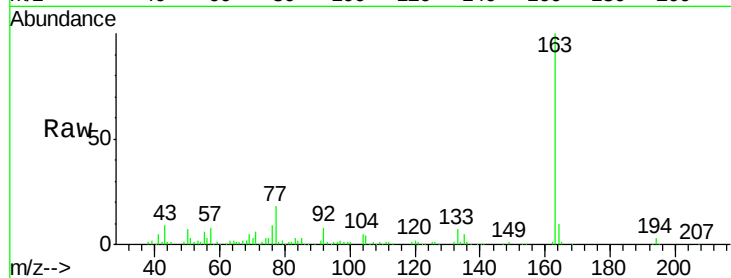
BNA_F

ClientSampleId :

1509113666

Tgt Ion:163 Resp: 90271

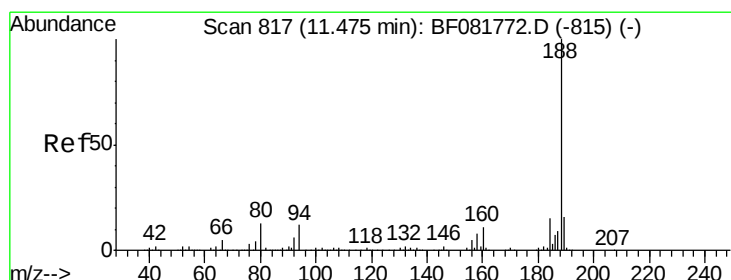
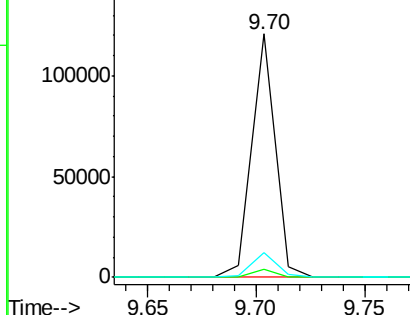
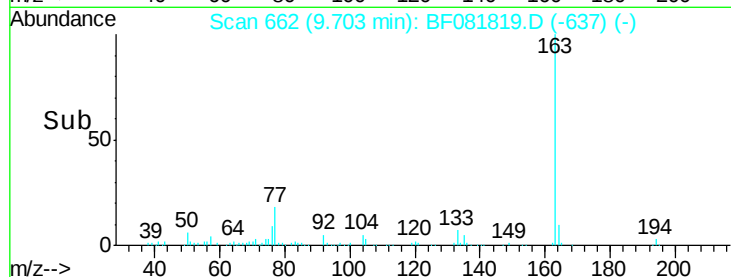
Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.2	8.3	12.5



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: 11.47 min Scan# 817

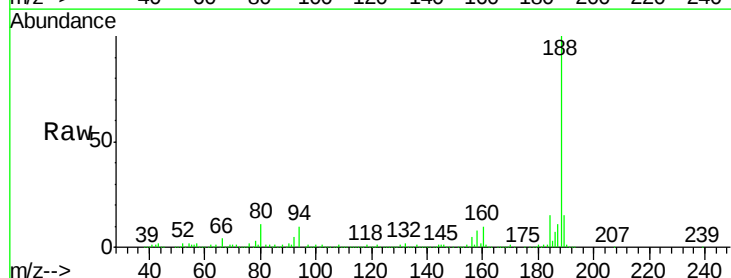
Delta R.T. -0.00 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

Tgt Ion:188 Resp: 429304

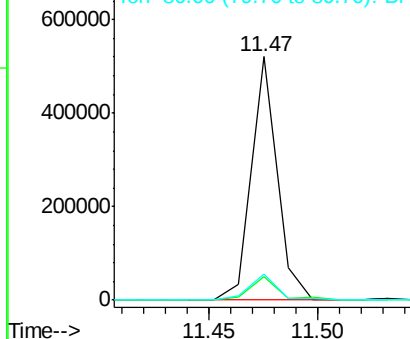
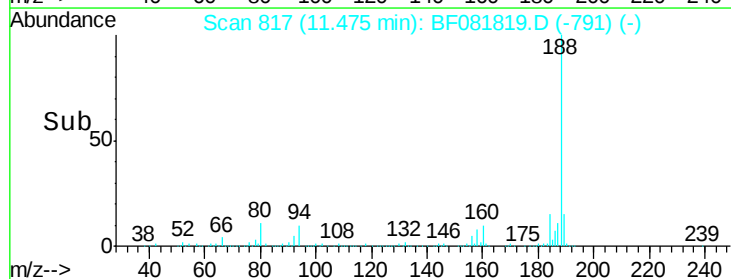
Ion	Ratio	Lower	Upper
188	100		
94	9.7	11.1	16.7#
80	10.6	11.0	16.4#

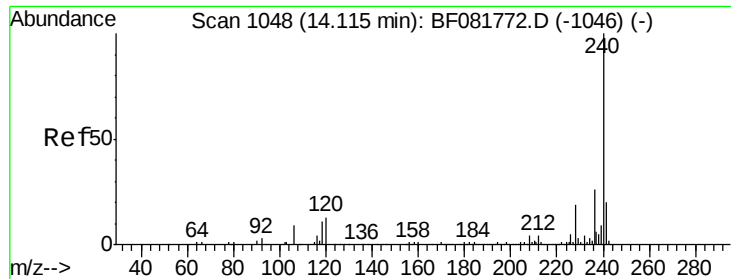


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.13 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

Instrument :

BNA_F

ClientSampleId :

1509113666

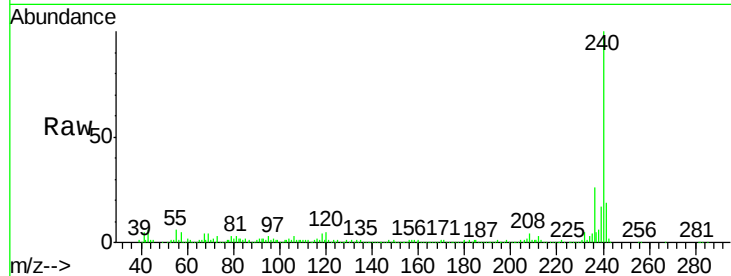
Tgt Ion:240 Resp: 354758

Ion Ratio Lower Upper

240 100

120 5.1 16.2 24.2#

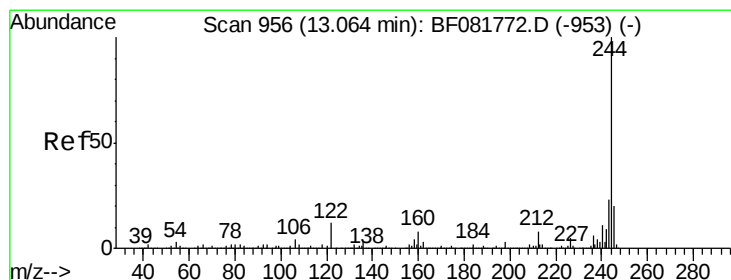
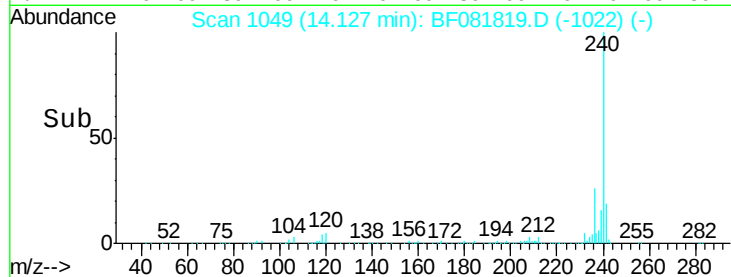
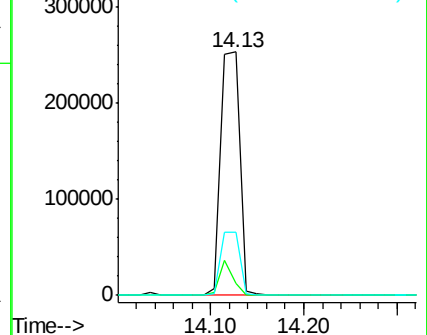
236 25.7 18.4 27.6



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: 55.17 ng

RT: 13.08 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF081819.D

Acq: 25 Sep 2015 23:28

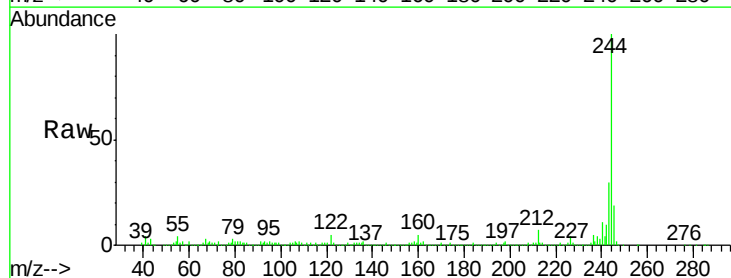
Tgt Ion:244 Resp: 856735

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

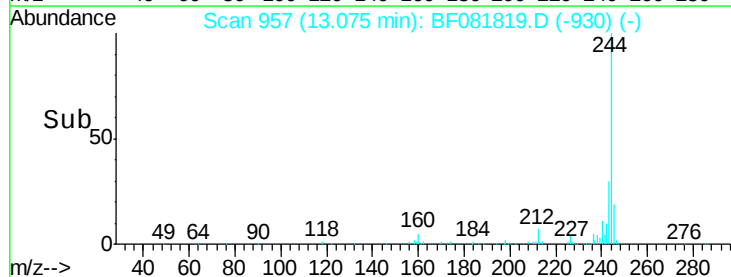
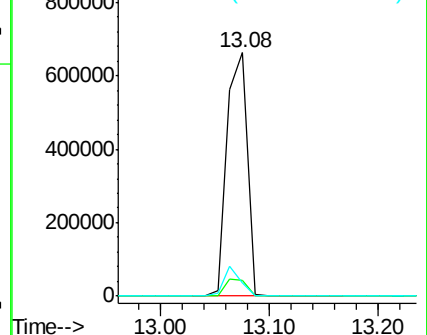
122 5.5 17.4 26.2#

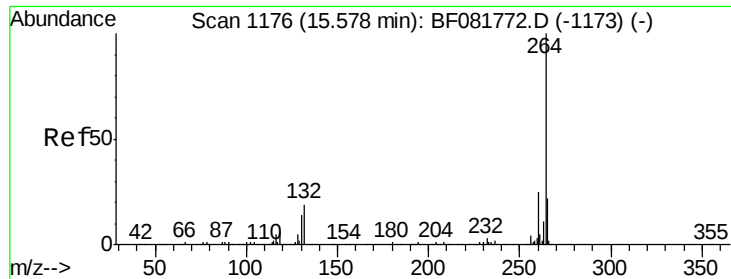


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081819.D
Acq: 25 Sep 2015 23:28

Instrument :
BNA_F
ClientSampleId :
1509113666

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	22.3	17.2	25.8

