

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081489.D
 Acq On : 6 Sep 2015 4:07
 Operator : UM/IZ
 Sample : G3419-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HX2

Quant Time: Sep 07 05:15:58 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 04:41:53 2015
 Response via : Initial Calibration

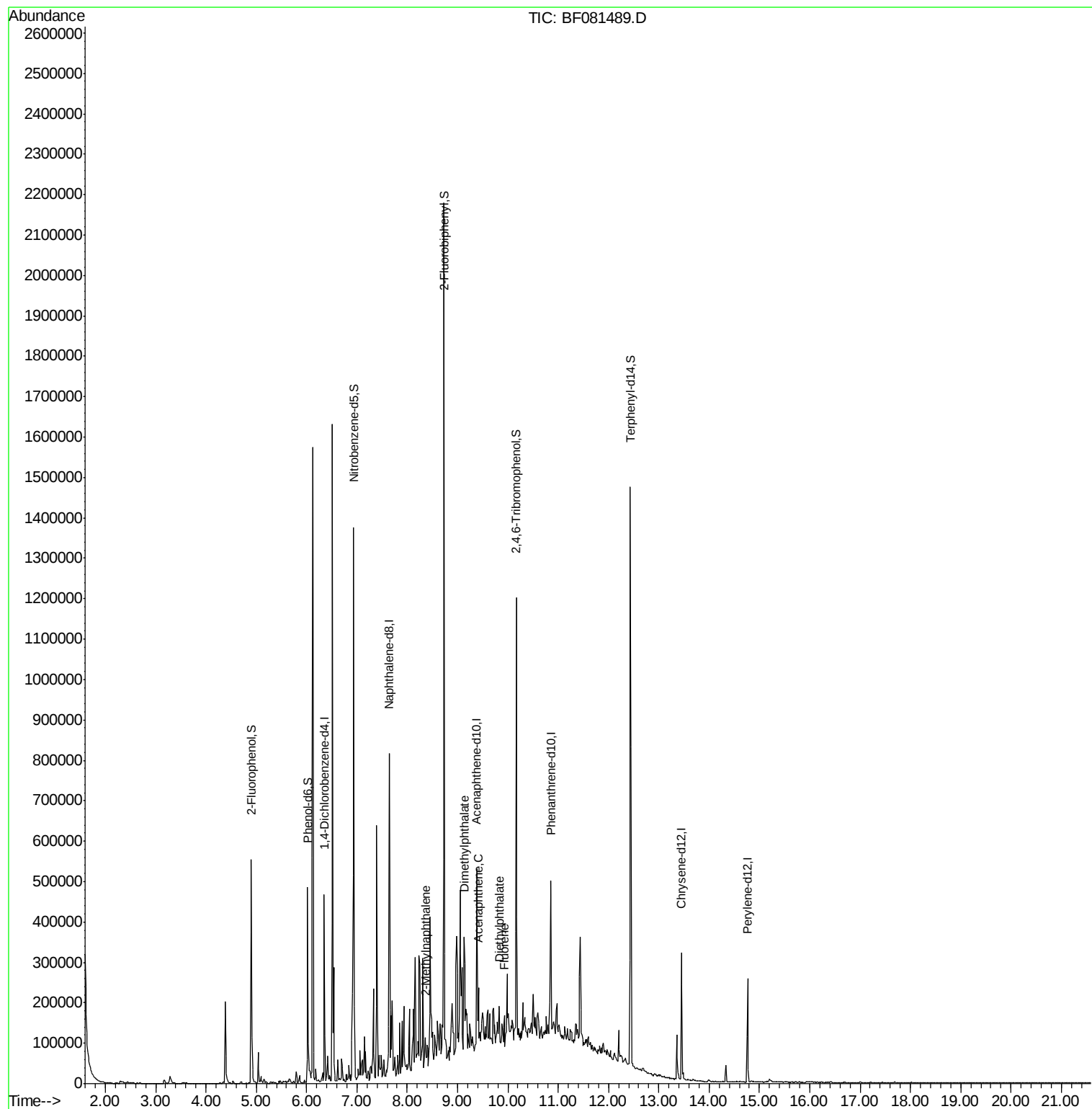
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	62785	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	230998	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	101376	20.00	ng	-0.01
63) Phenanthrene-d10	10.86	188	197791	20.00	ng	0.00
75) Chrysene-d12	13.45	240	145112	20.00	ng	-0.01
86) Perylene-d12	14.77	264	107513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	191374	47.29	ng	0.01
7) Phenol-d6	6.02	99	155002	28.94	ng	-0.01
23) Nitrobenzene-d5	6.94	82	385984	80.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	103672	114.85	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	609204	77.01	ng	0.00
78) Terphenyl-d14	12.43	244	549142	88.09	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.36	142	18070	2.25	ng	# 91
49) Dimethylphthalate	9.13	163	139536	17.72	ng	# 96
51) Acenaphthene	9.42	154	14901	2.19	ng	# 88
57) Fluorene	9.93	166	20121	2.67	ng	# 94
59) Diethylphthalate	9.83	149	18310	2.21	ng	96

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

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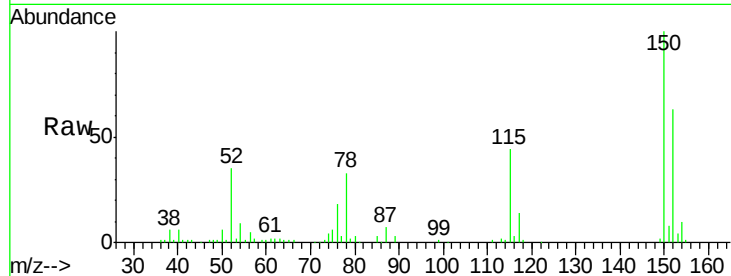




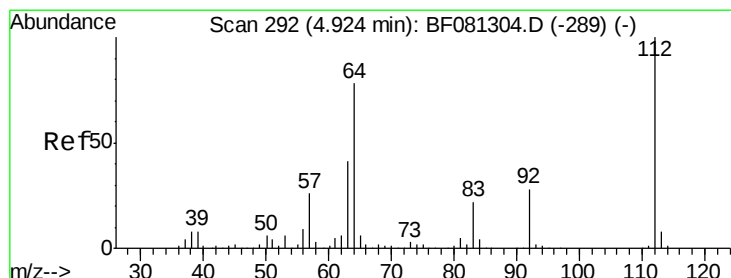
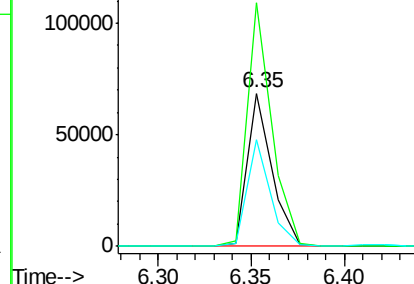
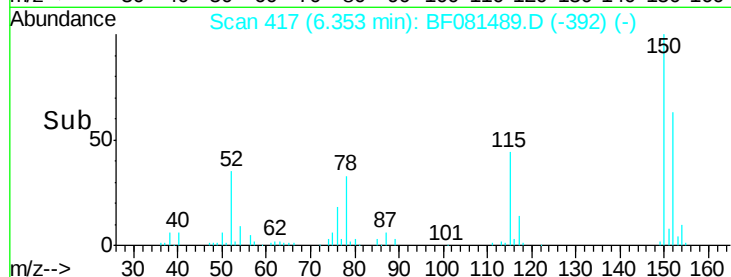
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF081489.D
 Acq: 6 Sep 2015 4:07

Instrument :
 BNA_F
 ClientSampleId :
 HX2

Tgt Ion:152 Resp: 62785
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.7 187.1
 115 69.8 39.0 58.4#

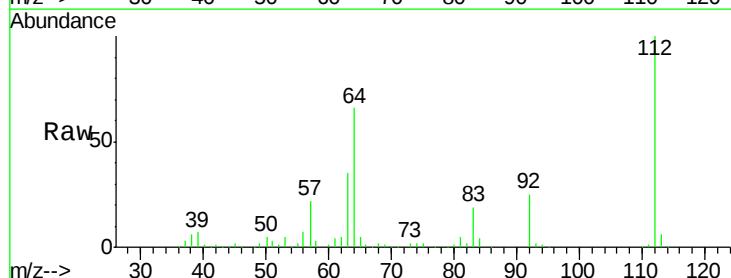


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

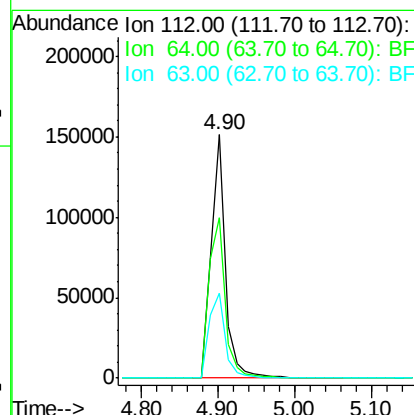
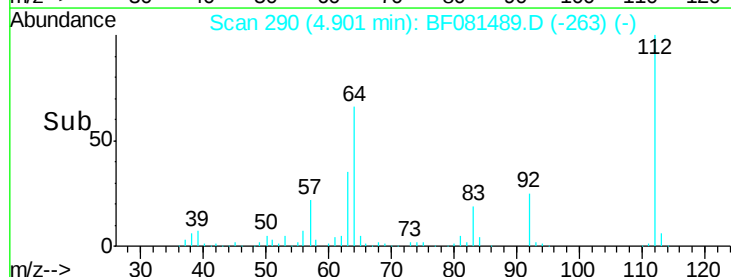


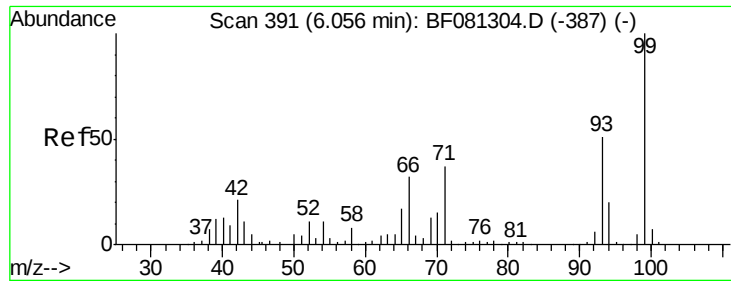
#5
 2-Fluorophenol
 Concen: 47.29 ng
 RT: 4.90 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF081489.D
 Acq: 6 Sep 2015 4:07

Tgt Ion:112 Resp: 191374
 Ion Ratio Lower Upper
 112 100
 64 65.9 39.7 59.5#
 63 34.9 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: 28.94 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081489.D

Acq: 6 Sep 2015 4:07

Instrument :

BNA_F

ClientSampleId :

HX2

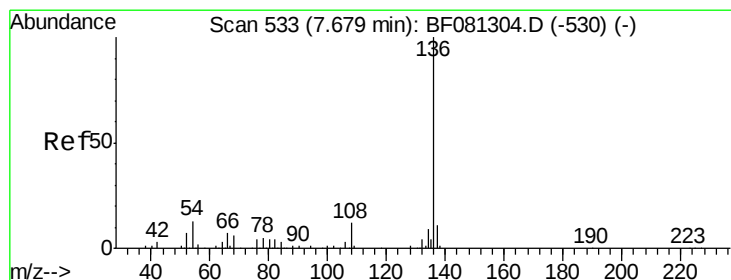
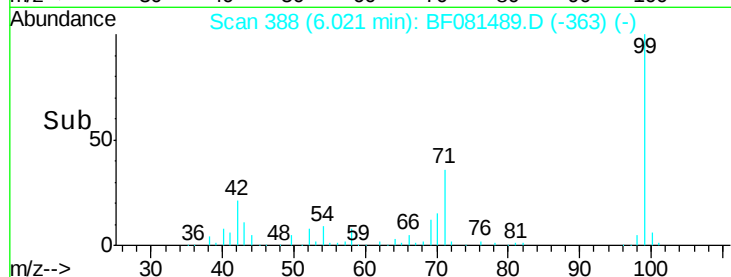
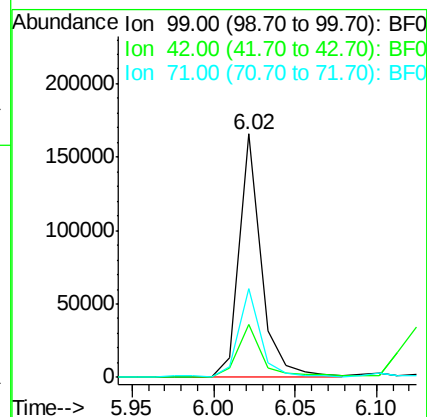
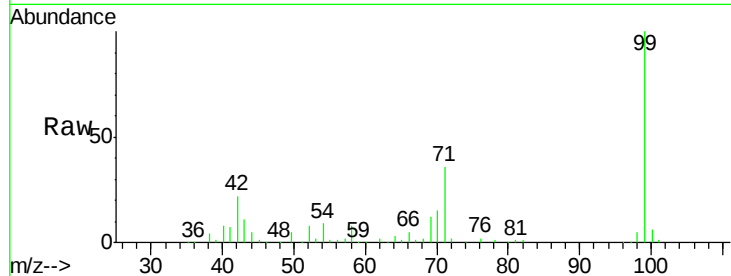
Tgt Ion: 99 Resp: 155002

Ion Ratio Lower Upper

99 100

42 21.5 13.7 20.5#

71 36.3 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081489.D

Acq: 6 Sep 2015 4:07

Tgt Ion: 136 Resp: 230998

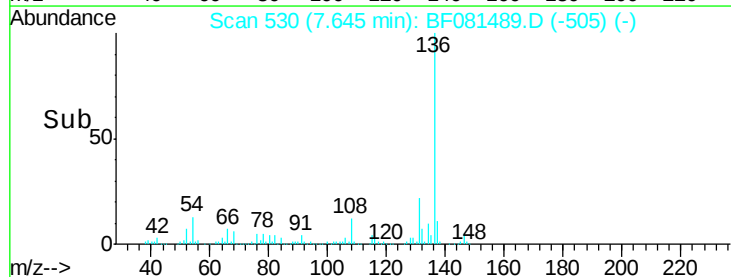
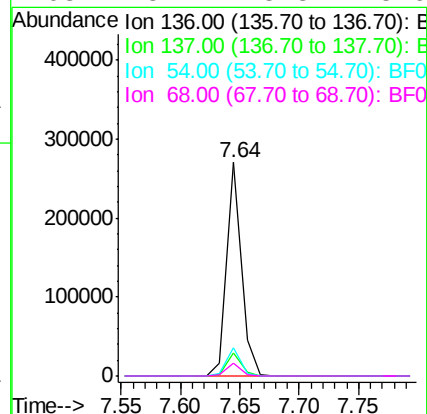
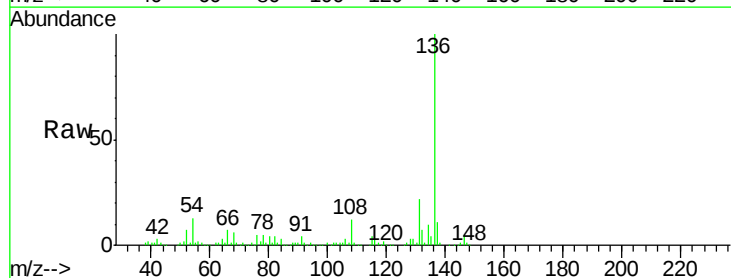
Ion Ratio Lower Upper

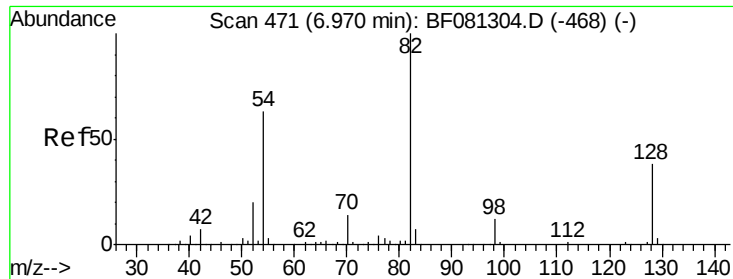
136 100

137 11.0 9.0 13.6

54 13.0 8.2 12.2#

68 5.7 5.8 8.6#

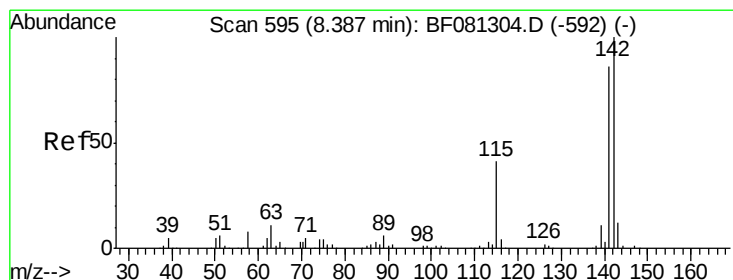
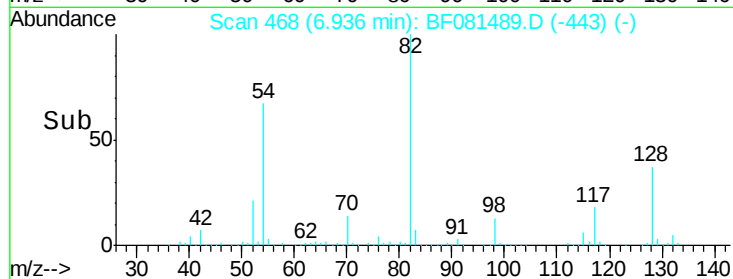
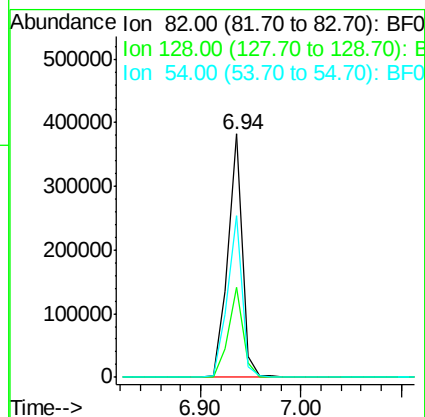
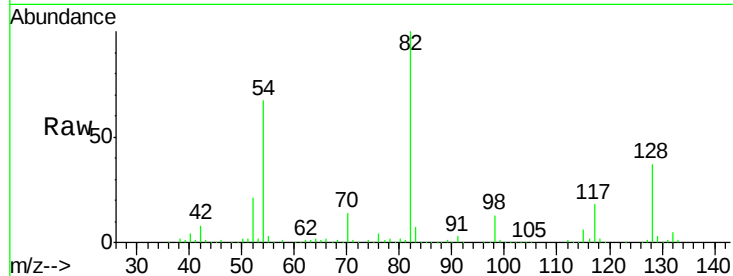




#23
Nitrobenzene-d5
Concen: 80.62 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081489.D
Acq: 6 Sep 2015 4:07

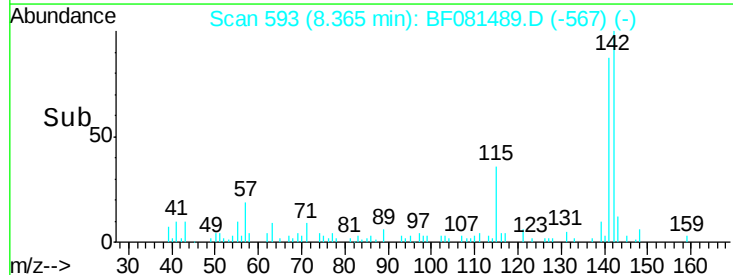
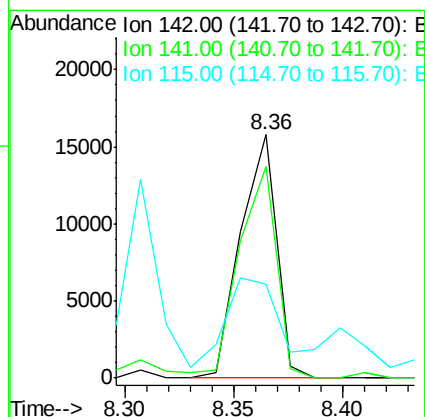
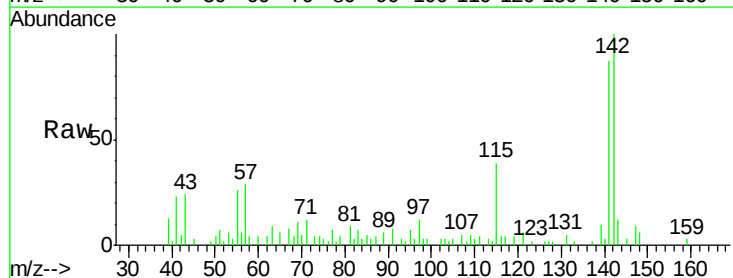
Instrument :
BNA_F
ClientSampleId :
HX2

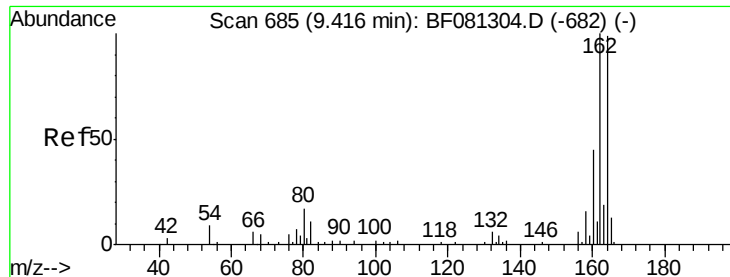
Tgt Ion: 82 Resp: 385984
Ion Ratio Lower Upper
82 100
128 37.1 51.0 76.6#
54 66.5 47.5 71.3



#37
2-Methylnaphthalene
Concen: 2.25 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF081489.D
Acq: 6 Sep 2015 4:07

Tgt Ion: 142 Resp: 18070
Ion Ratio Lower Upper
142 100
141 87.1 67.5 101.3
115 38.6 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081489.D

Acq: 6 Sep 2015 4:07

Instrument :

BNA_F

ClientSampleId :

HX2

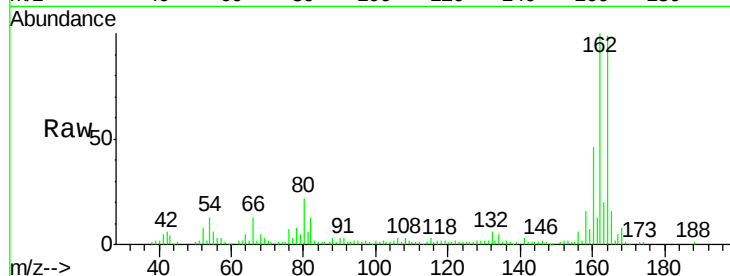
Tgt Ion:164 Resp: 101376

Ion Ratio Lower Upper

164 100

162 101.0 75.2 112.8

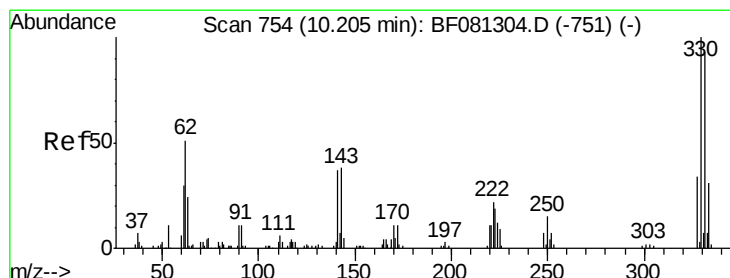
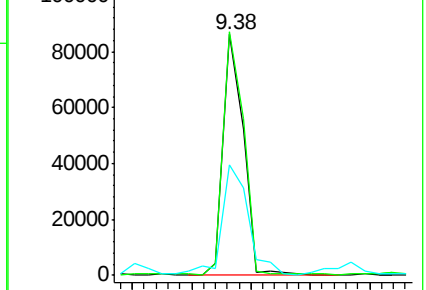
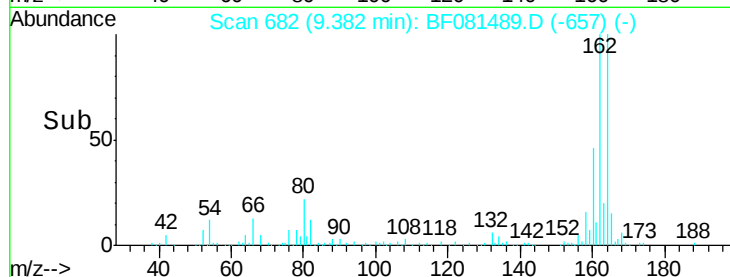
160 46.1 31.5 47.3



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: 114.85 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081489.D

Acq: 6 Sep 2015 4:07

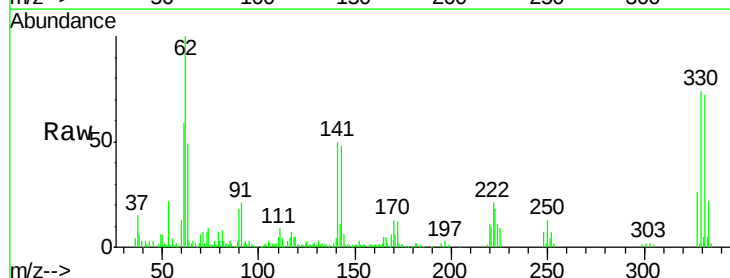
Tgt Ion:330 Resp: 103672

Ion Ratio Lower Upper

330 100

332 98.6 76.6 114.8

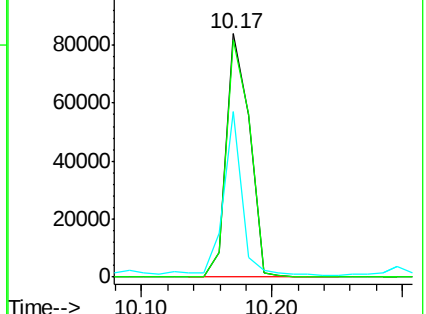
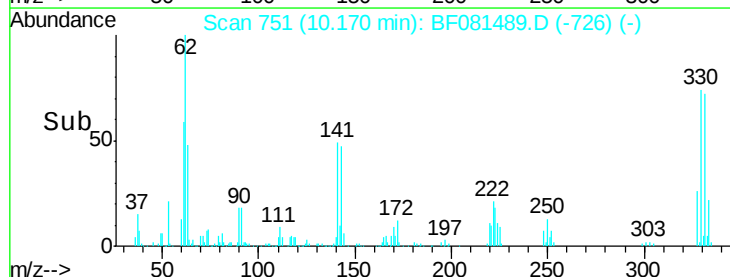
141 54.0 29.7 44.5#



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

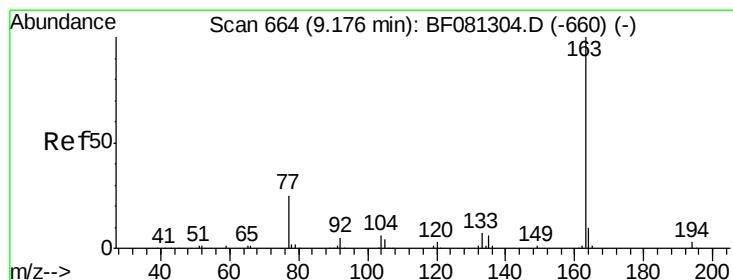
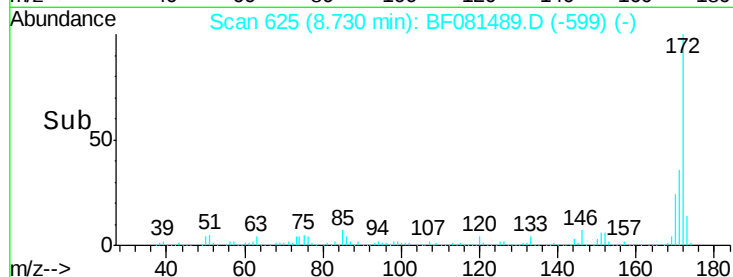
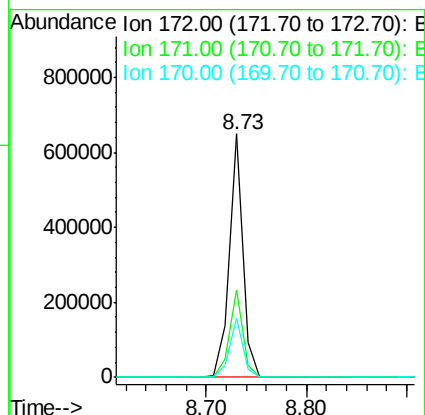
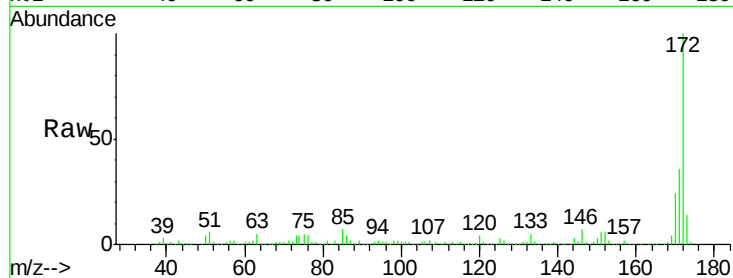




#44
 2-Fluorobiphenyl
 Concen: 77.01 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081489.D
 Acq: 6 Sep 2015 4:07

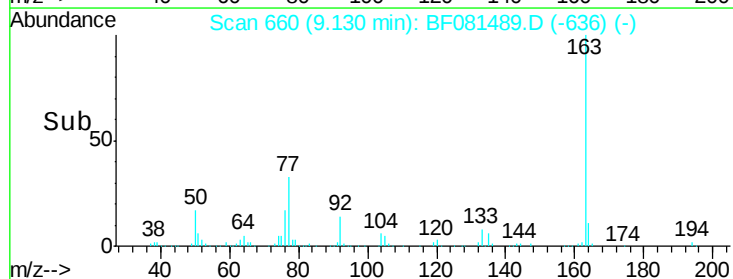
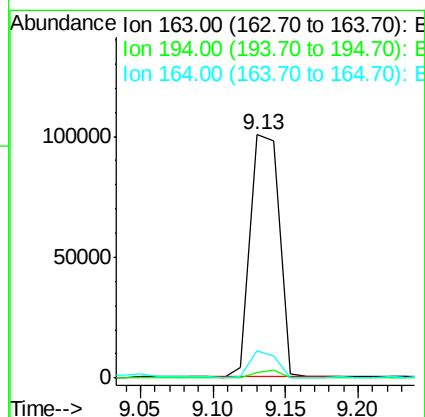
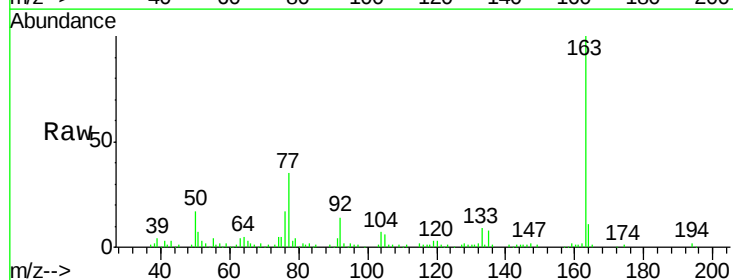
Instrument :
 BNA_F
 ClientSampleId :
 HX2

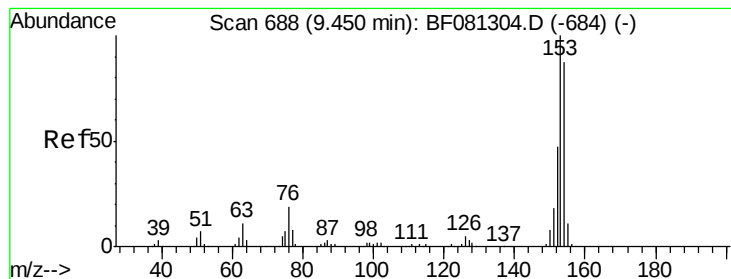
Tgt Ion:172 Resp: 609204
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 17.72 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF081489.D
 Acq: 6 Sep 2015 4:07

Tgt Ion:163 Resp: 139536
 Ion Ratio Lower Upper
 163 100
 194 2.5 4.4 6.6#
 164 11.1 8.3 12.5





#51

Acenaphthene

Concen: 2.19 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081489.D

Acq: 6 Sep 2015 4:07

Instrument :

BNA_F

ClientSampleId :

HX2

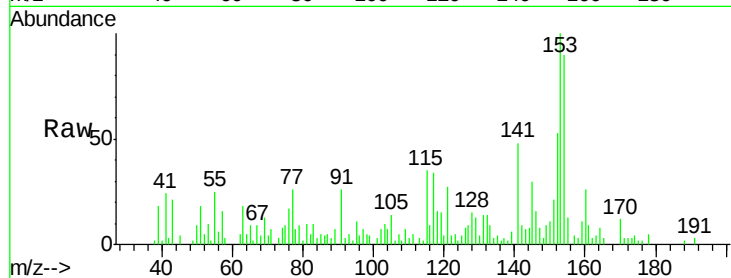
Tgt Ion:154 Resp: 14901

Ion Ratio Lower Upper

154 100

153 111.4 82.1 123.1

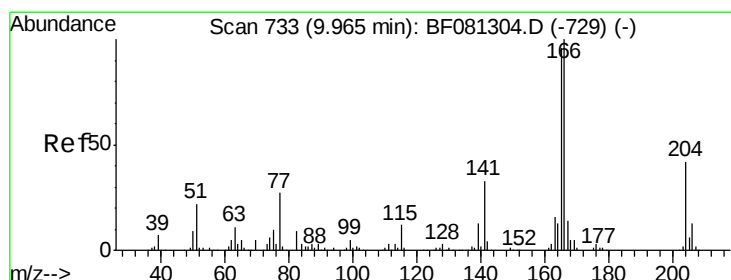
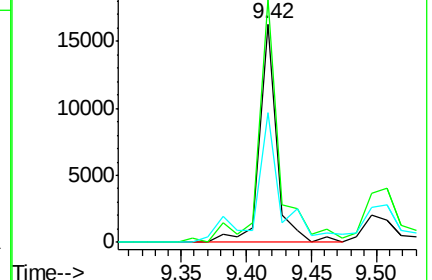
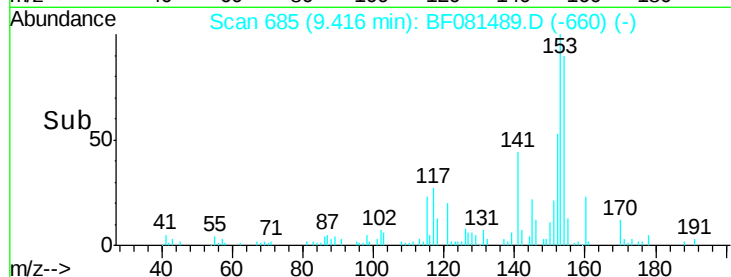
152 59.3 37.9 56.9#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 2.67 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF081489.D

Acq: 6 Sep 2015 4:07

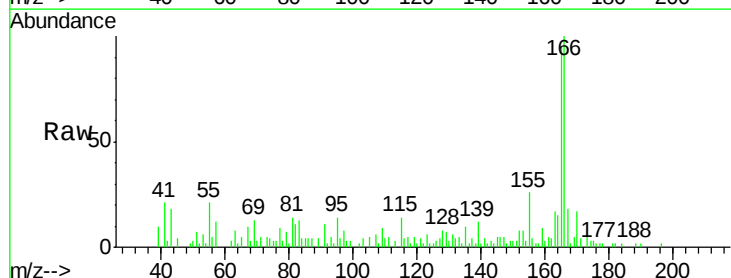
Tgt Ion:166 Resp: 20121

Ion Ratio Lower Upper

166 100

165 95.4 72.6 109.0

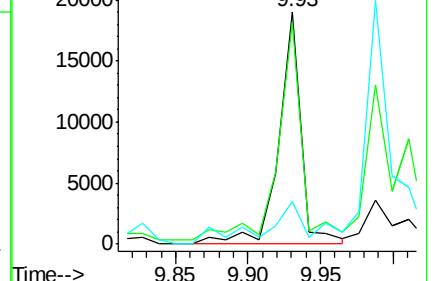
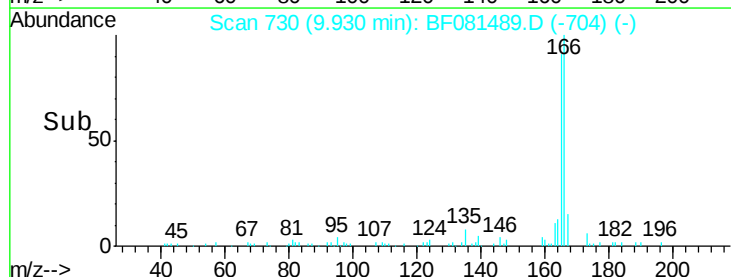
167 18.4 10.6 16.0#

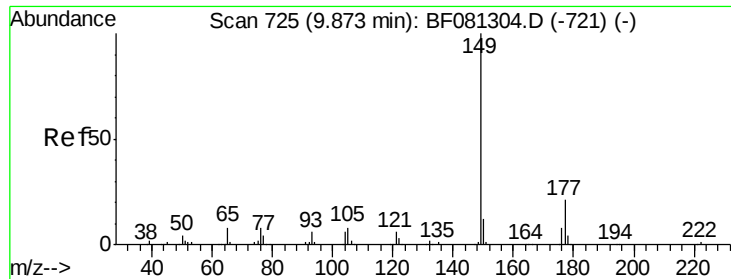


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

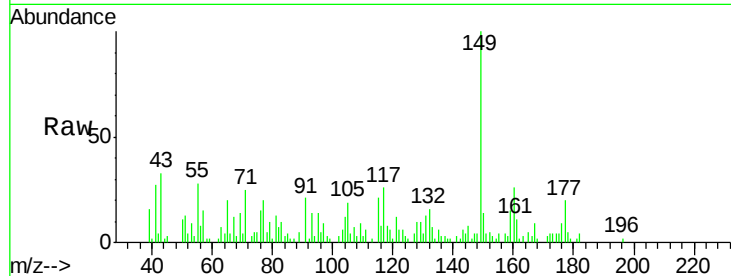




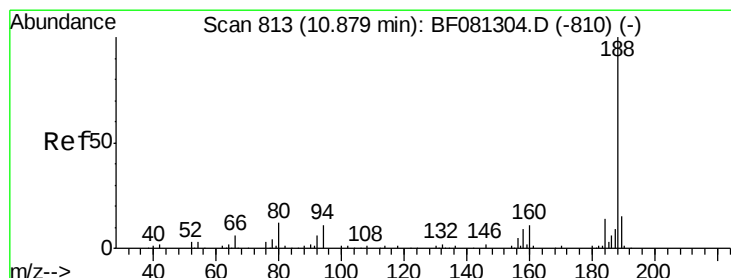
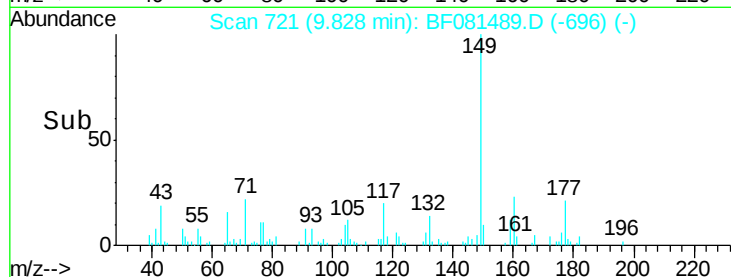
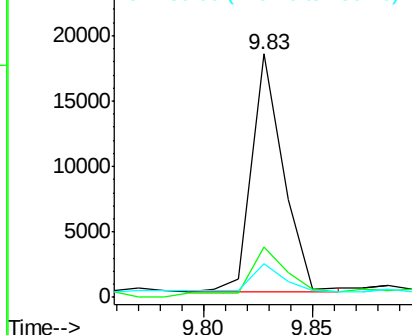
#59
Diethylphthalate
Concen: 2.21 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF081489.D
Acq: 6 Sep 2015 4:07

Instrument :
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HX2

Tgt Ion:149 Resp: 18310
Ion Ratio Lower Upper
149 100
177 20.5 17.5 26.3
150 13.9 9.4 14.2

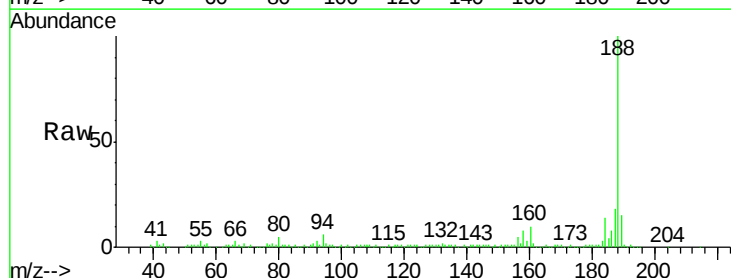


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

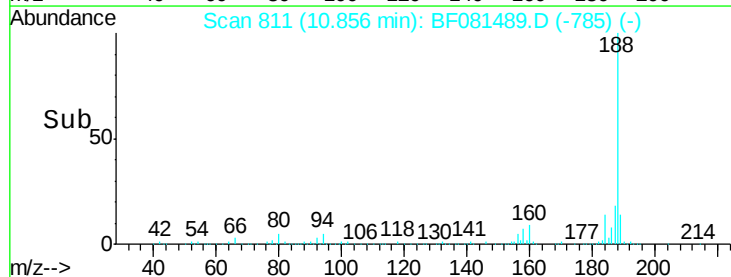
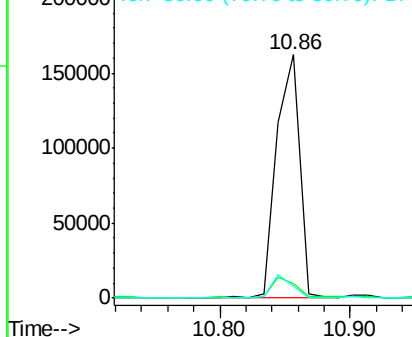


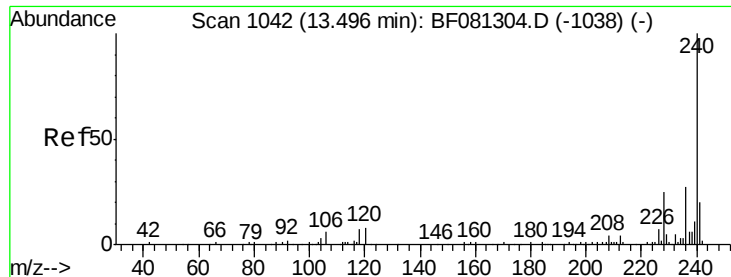
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF081489.D
Acq: 6 Sep 2015 4:07

Tgt Ion:188 Resp: 197791
Ion Ratio Lower Upper
188 100
94 5.7 11.1 16.7#
80 5.2 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: BF081489.D

Acq: 6 Sep 2015 4:07

Instrument :

BNA_F

ClientSampleId :

HX2

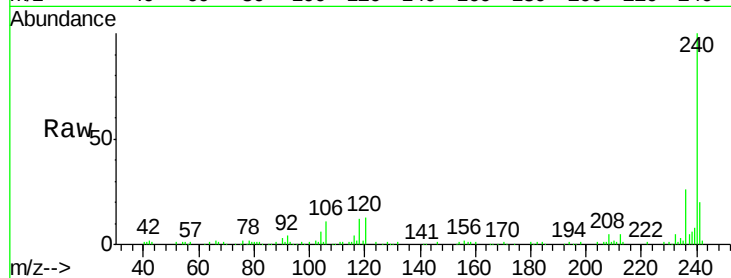
Tgt Ion:240 Resp: 145112

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

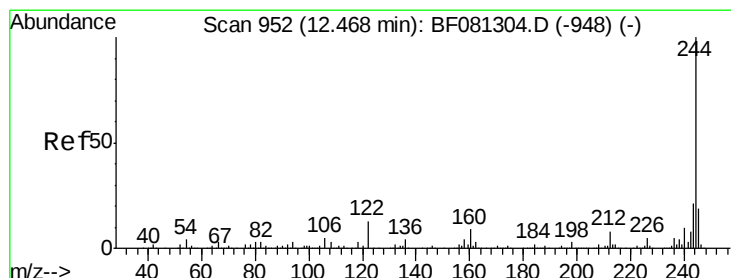
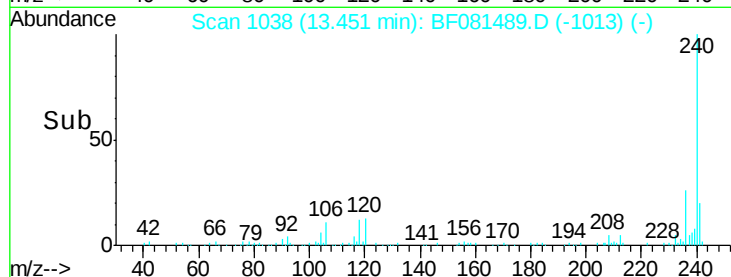
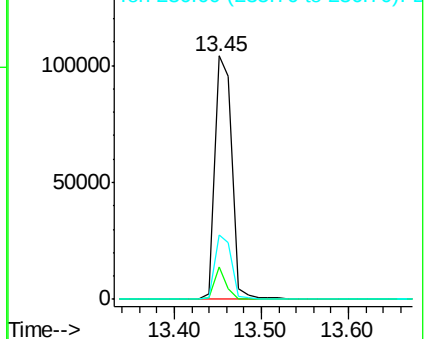
236 26.3 18.4 27.6



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: 88.09 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF081489.D

Acq: 6 Sep 2015 4:07

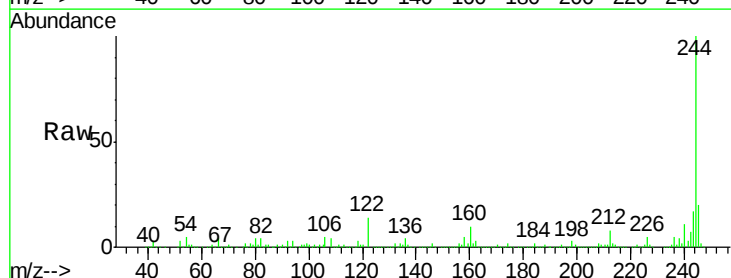
Tgt Ion:244 Resp: 549142

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

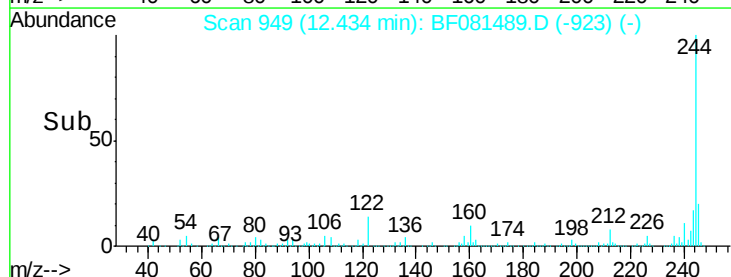
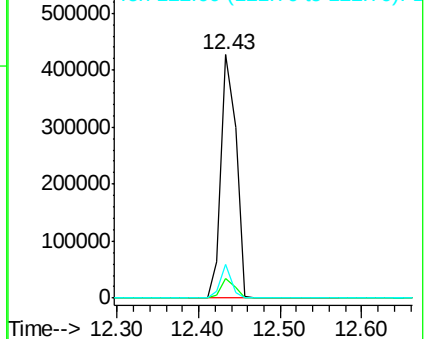
122 14.0 17.4 26.2#

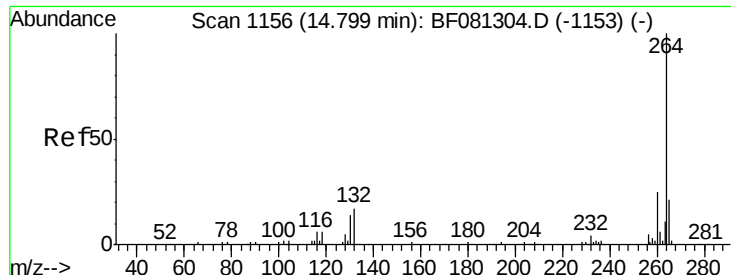


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

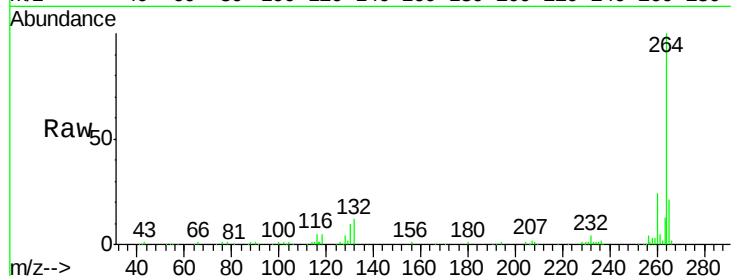




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF081489.D
Acq: 6 Sep 2015 4:07

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion: 264 Resp: 107513
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.0 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

