

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 :
 B2

Quant Time: Sep 07 03:28:44 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

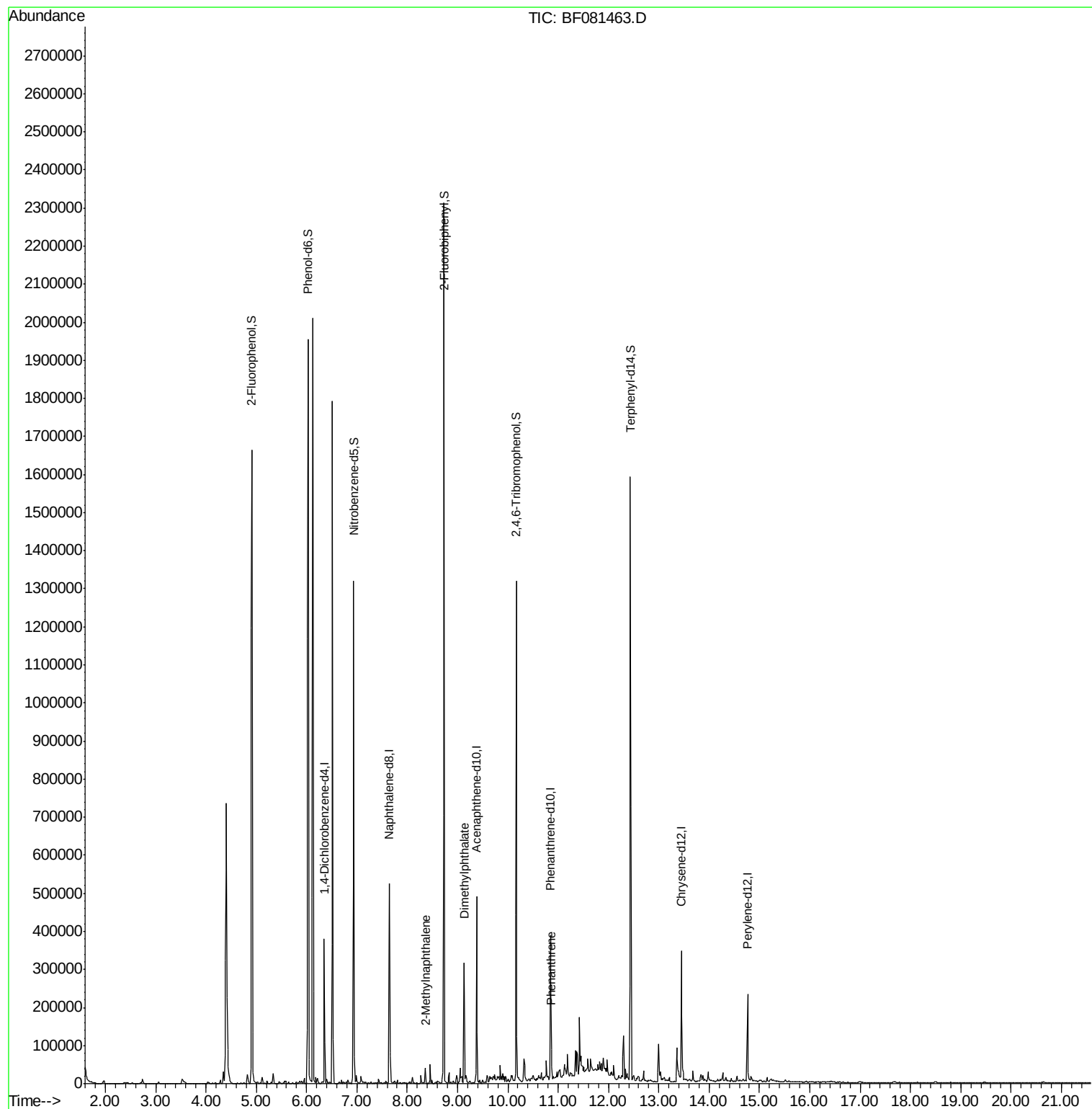
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52002	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	202349	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	89142	20.00	ng	-0.01
63) Phenanthrene-d10	10.85	188	175240	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	131102	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						
37) 2-Methylnaphthalene	8.36	142	15980	2.28	ng	# 90
49) Dimethylphthalate	9.13	163	111263	16.06	ng	# 97
70) Phenanthrene	10.87	178	30815	3.16	ng	94

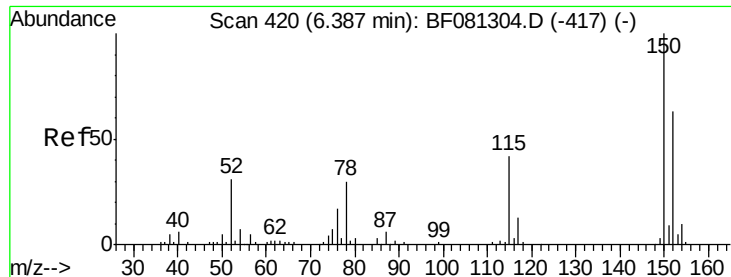
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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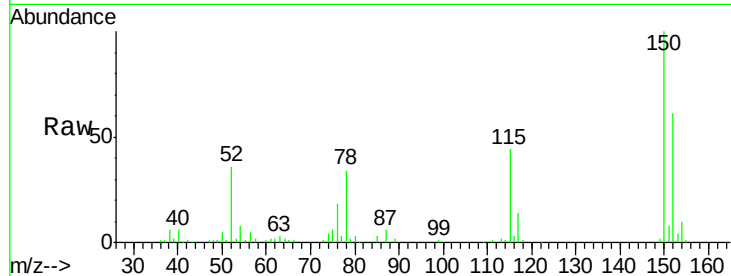


#1

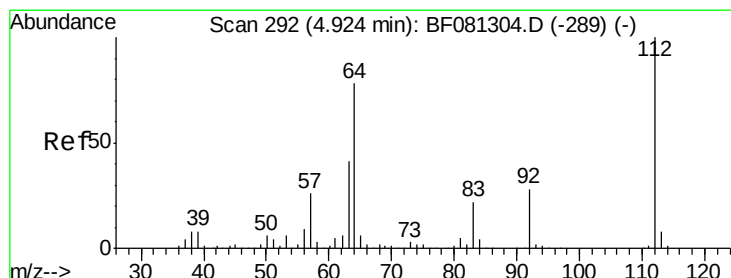
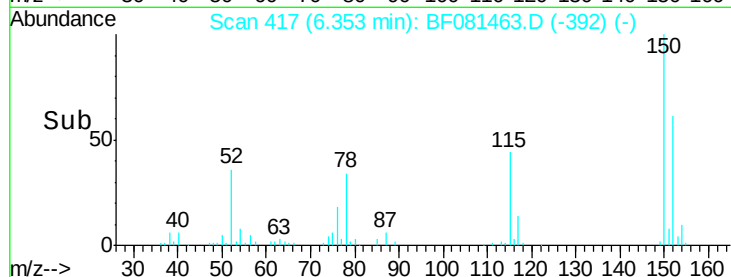
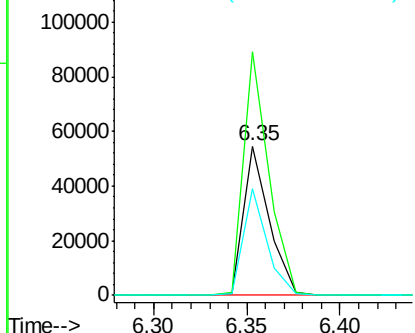
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Instrument :
BNA_F
ClientSampleId :
B2

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



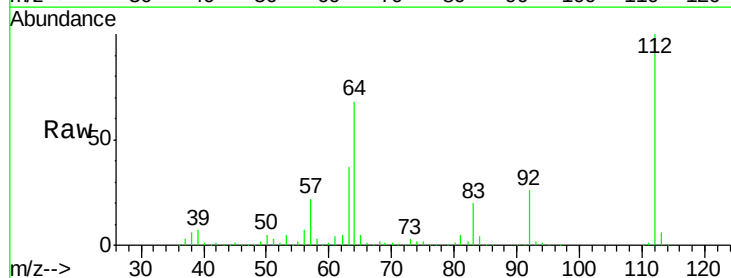
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



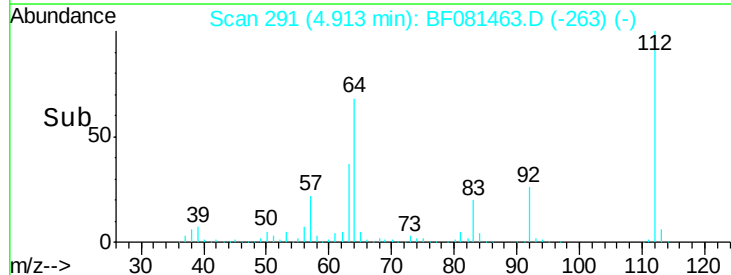
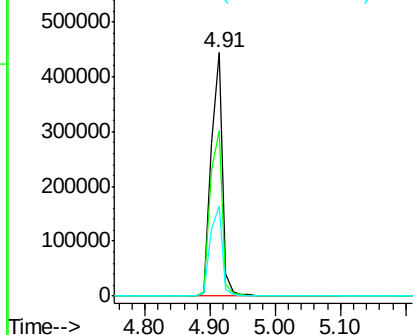
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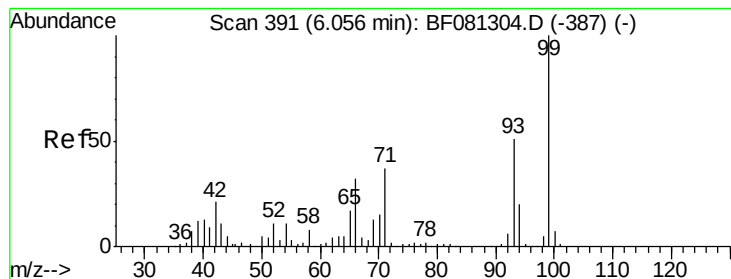
2-Fluorophenol
Concen: 161.91 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

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 :

B2

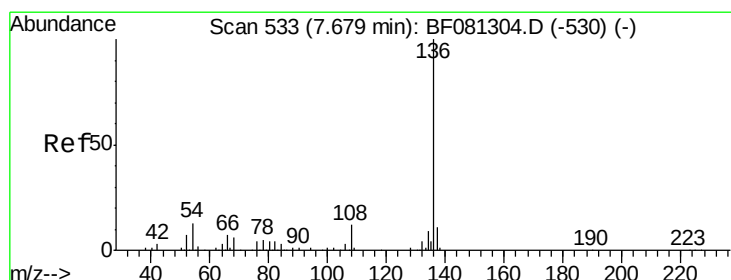
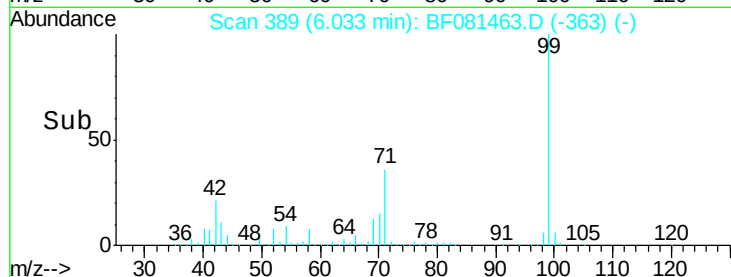
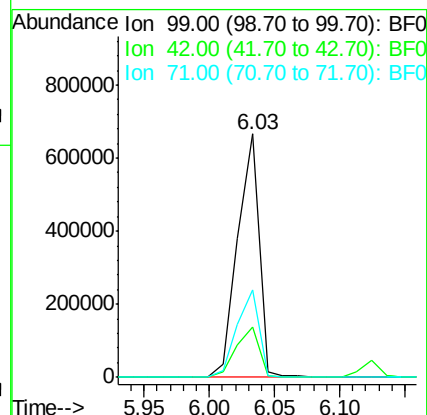
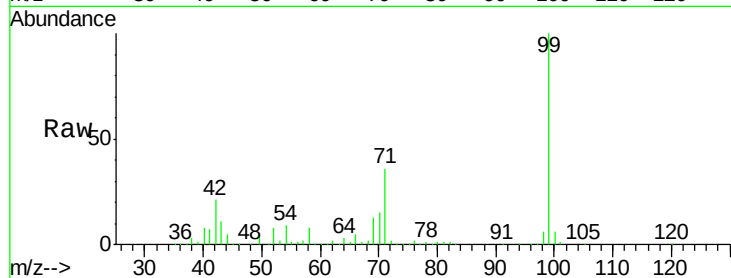
Tgt Ion: 99 Resp: 762461

Ion Ratio Lower Upper

99 100

42 20.7 13.7 20.5#

71 35.9 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: BF081463.D

Acq: 5 Sep 2015 14:17

Tgt Ion: 136 Resp: 202349

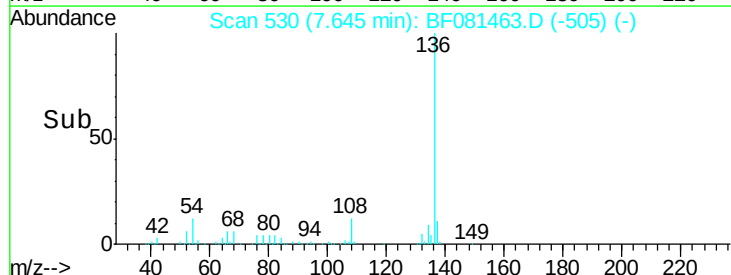
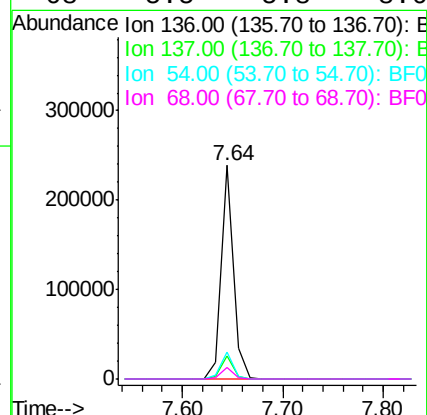
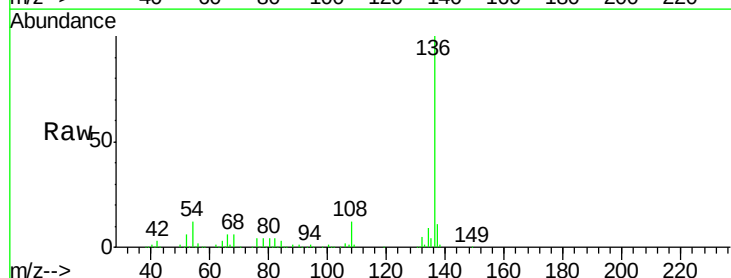
Ion Ratio Lower Upper

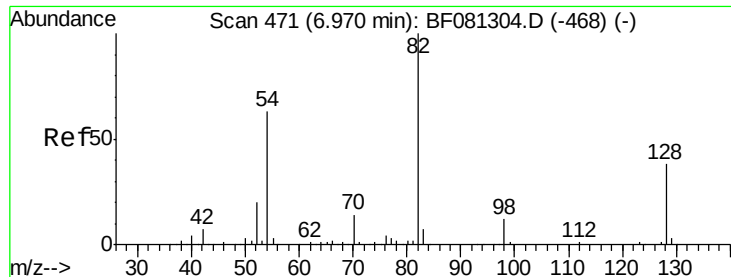
136 100

137 10.7 9.0 13.6

54 12.4 8.2 12.2#

68 5.5 5.8 8.6#

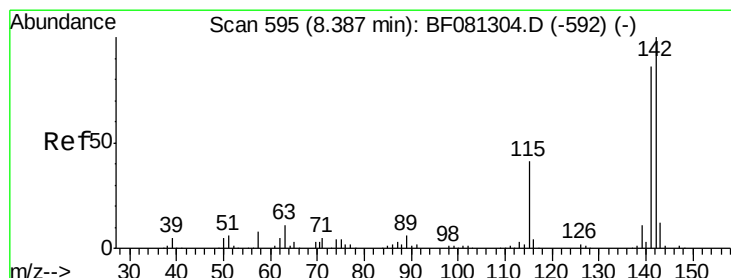
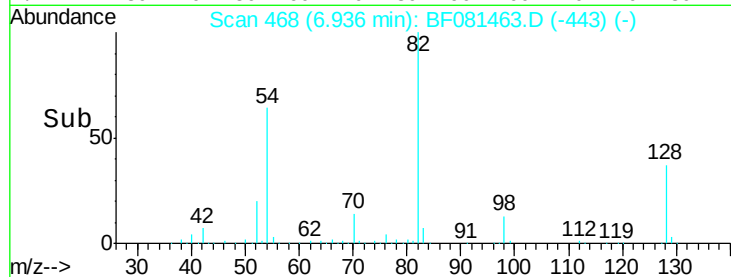
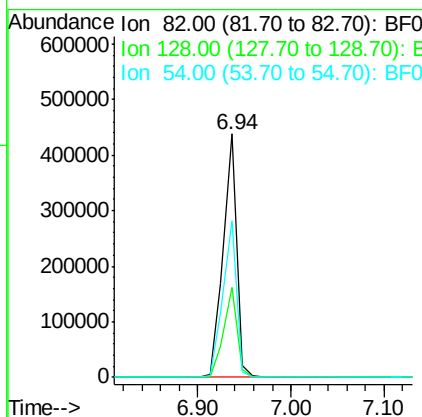
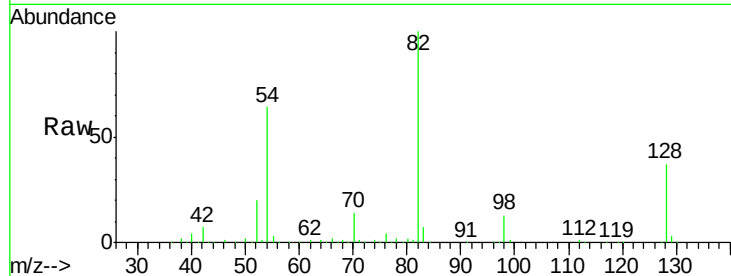




#23
 Nitrobenzene-d5
 Concen: 105.01 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081463.D
 Acq: 5 Sep 2015 14:17

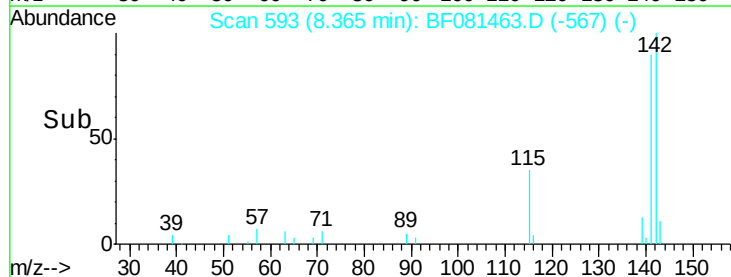
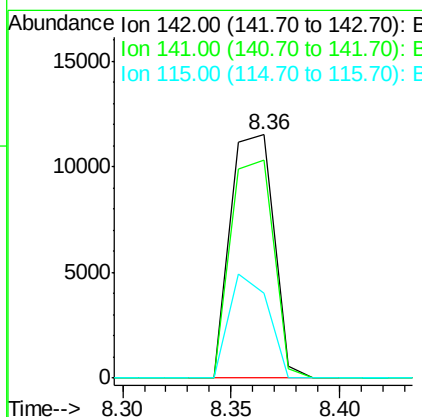
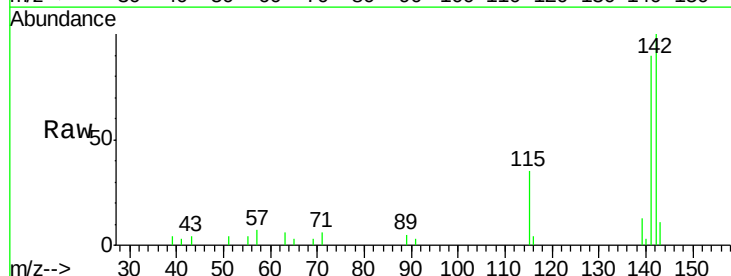
Instrument :
 BNA_F
 ClientSampleId :
 B2

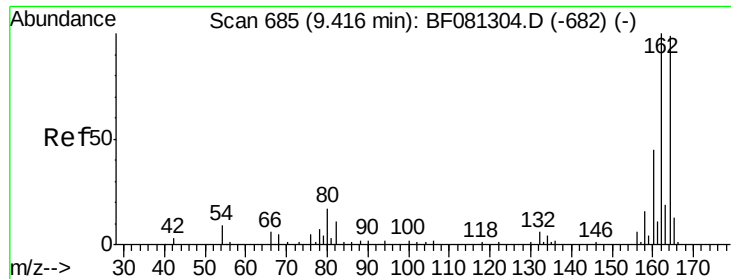
Tgt Ion: 82 Resp: 440419
 Ion Ratio Lower Upper
 82 100
 128 37.0 51.0 76.6#
 54 64.3 47.5 71.3



#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

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

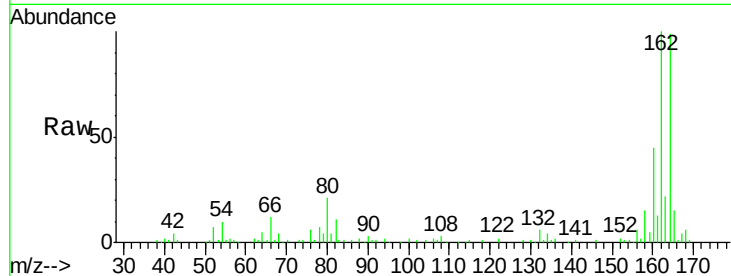




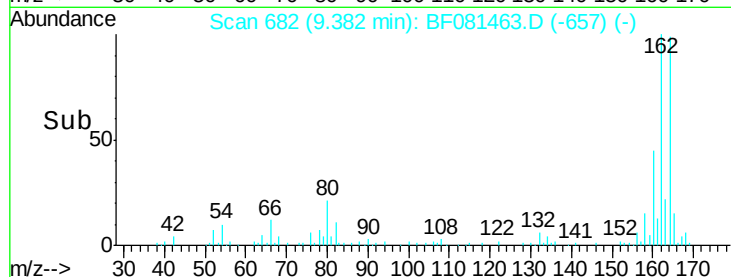
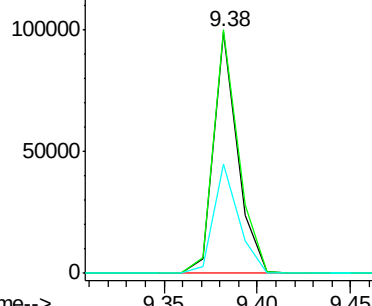
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081463.D
 Acq: 5 Sep 2015 14:17

Instrument :
 BNA_F
 ClientSampleId :
 B2

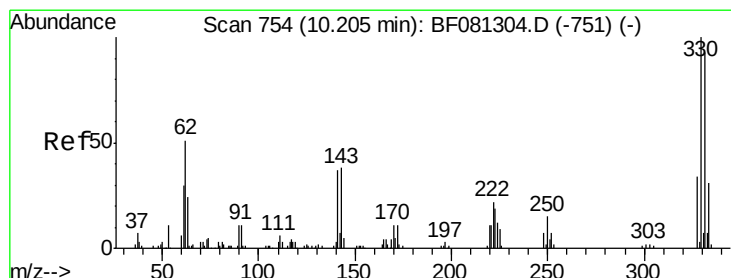
Tgt Ion:164 Resp: 89142
 Ion Ratio Lower Upper
 164 100
 162 100.9 75.2 112.8
 160 45.1 31.5 47.3



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

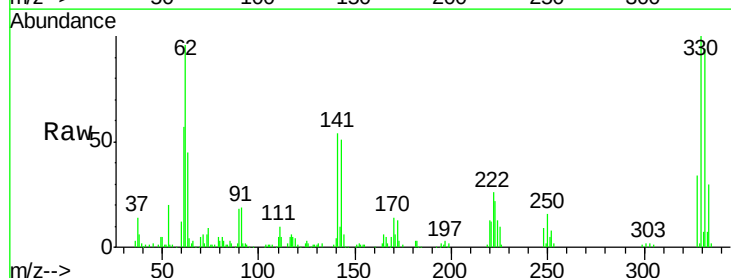


Time-->

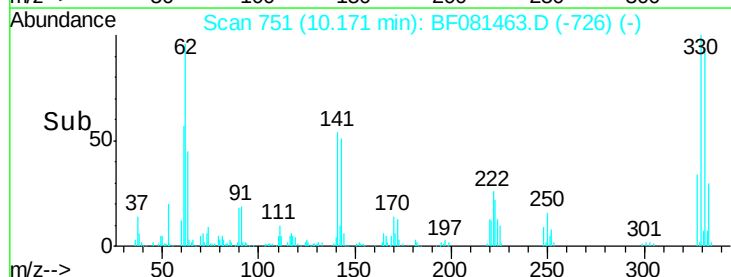
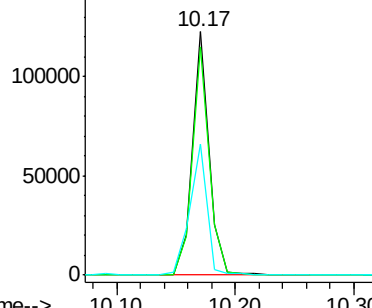


#41
 2,4,6-Tribromophenol
 Concen: 148.75 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081463.D
 Acq: 5 Sep 2015 14:17

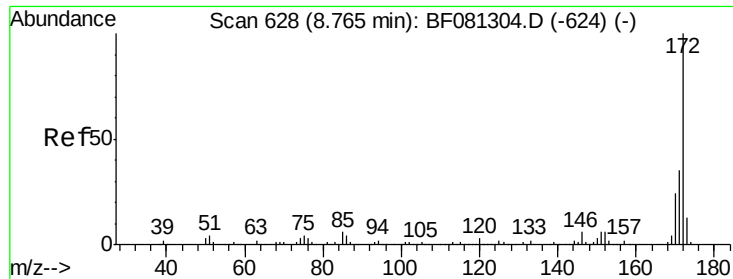
Tgt Ion:330 Resp: 118064
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 56.2 29.7 44.5#



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



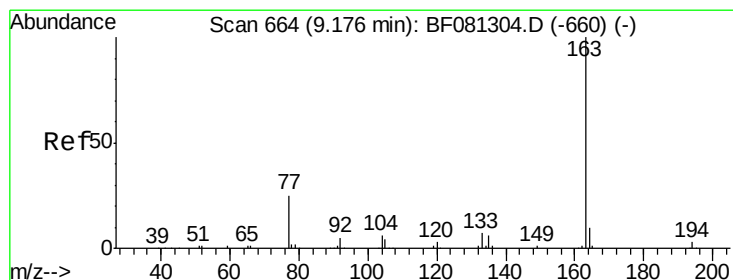
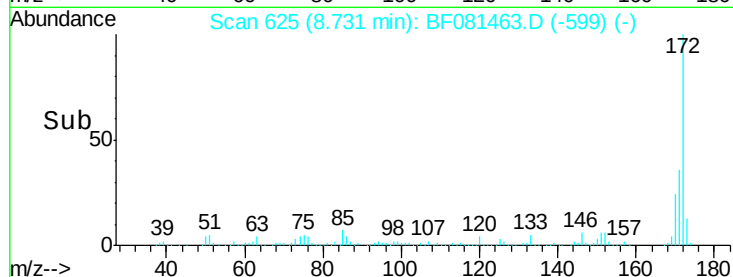
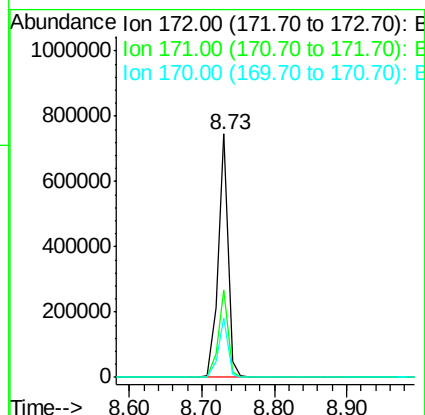
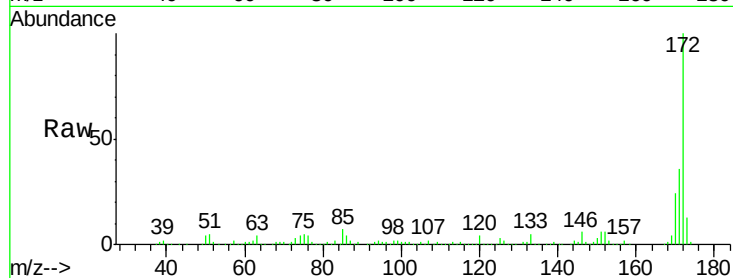
Time-->



#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

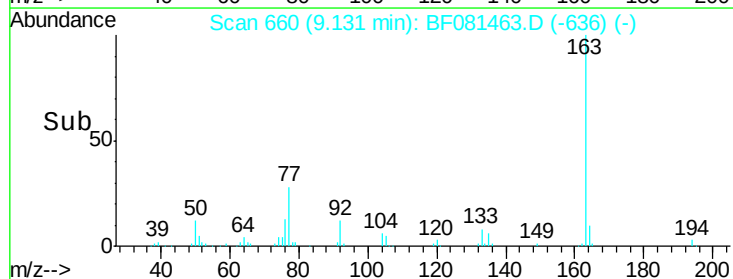
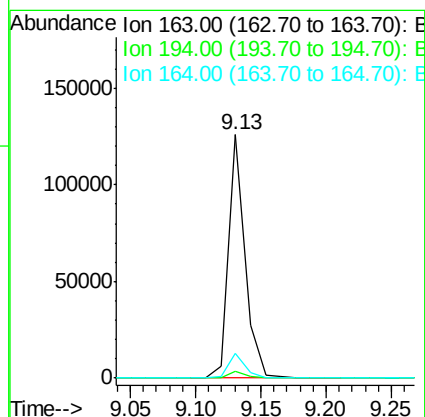
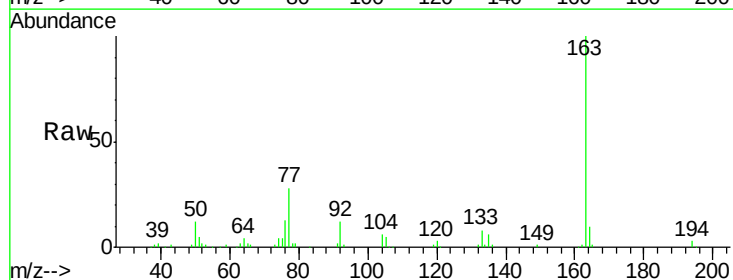
Instrument :
 BNA_F
 ClientSampleId :
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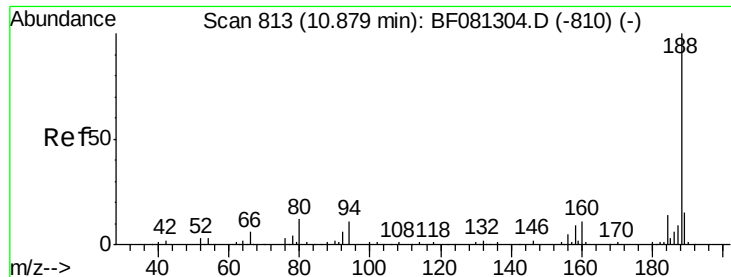
Tgt Ion:172 Resp: 704404
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.1 17.4 26.2



#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

Tgt Ion:163 Resp: 111263
 Ion Ratio Lower Upper
 163 100
 194 3.0 4.4 6.6#
 164 9.9 8.3 12.5

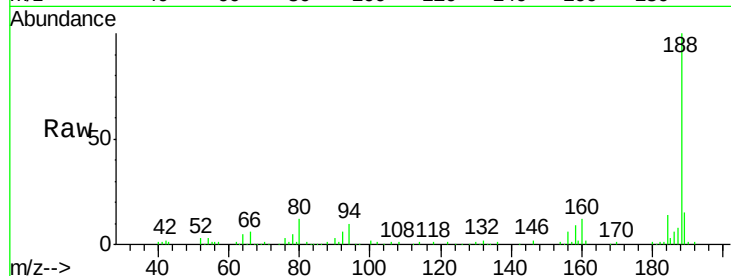




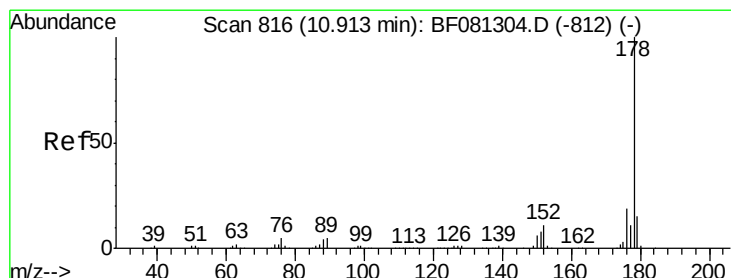
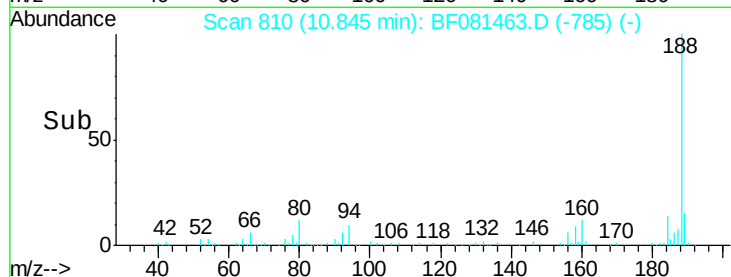
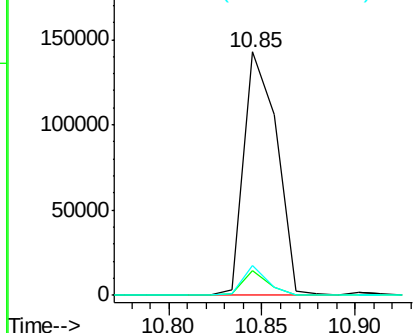
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Instrument :
BNA_F
ClientSampleId :
B2

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

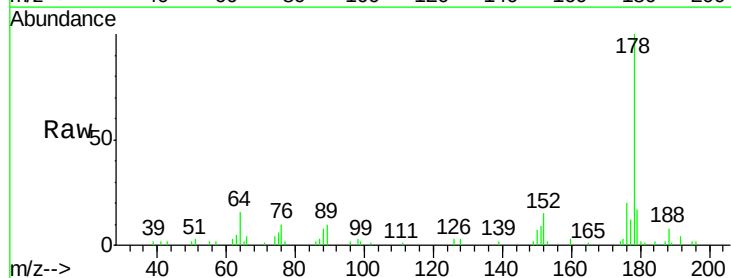


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

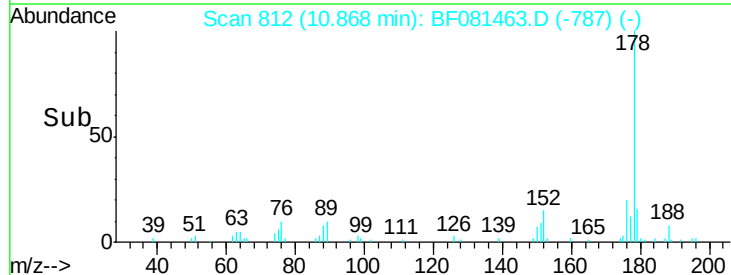
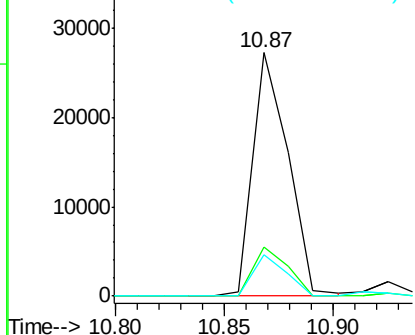


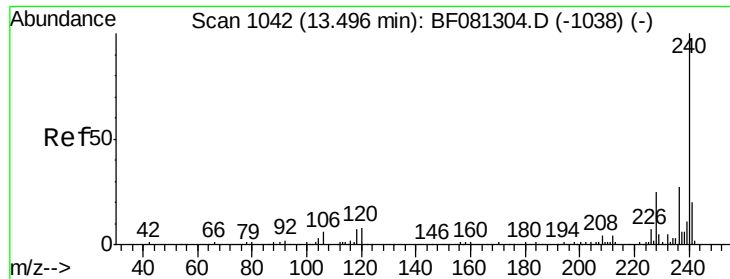
#70
Phenanthrene
Concen: 3.16 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

Tgt 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

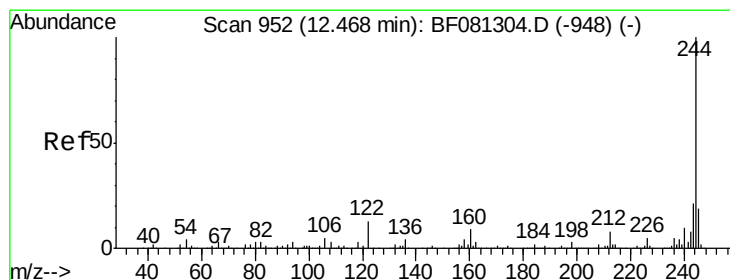
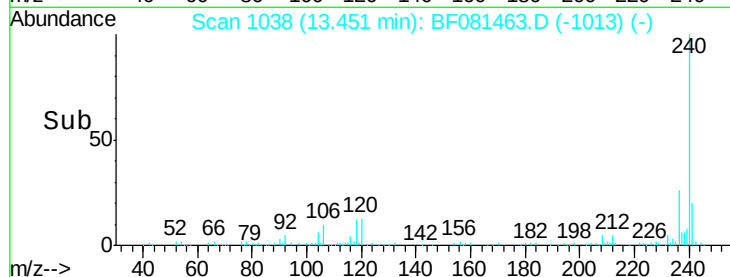
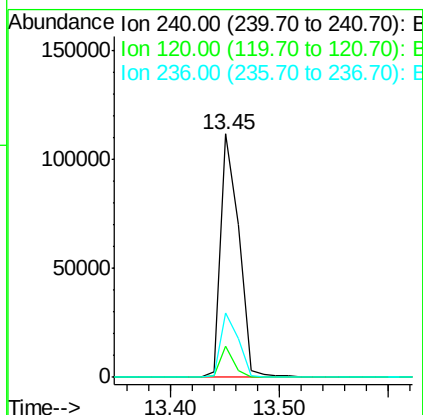
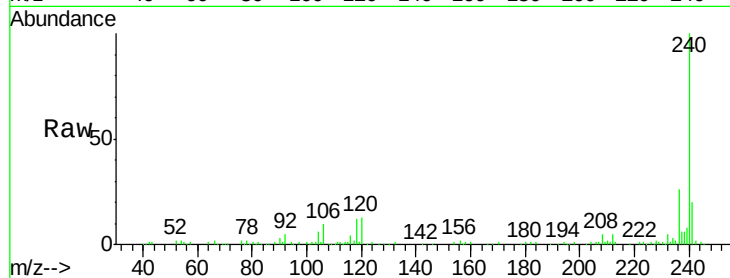




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081463.D
Acq: 5 Sep 2015 14:17

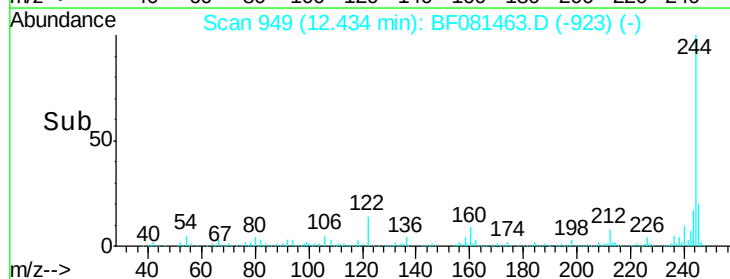
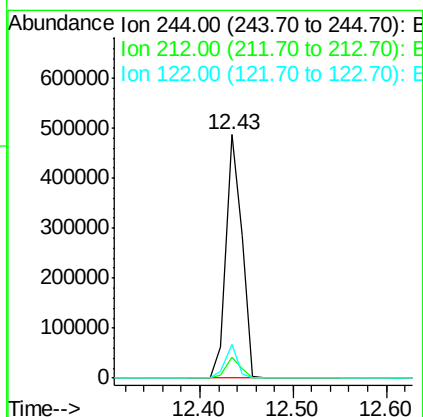
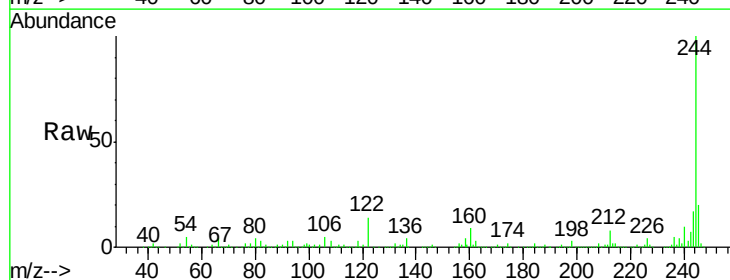
Instrument :
BNA_F
ClientSampled :
B2

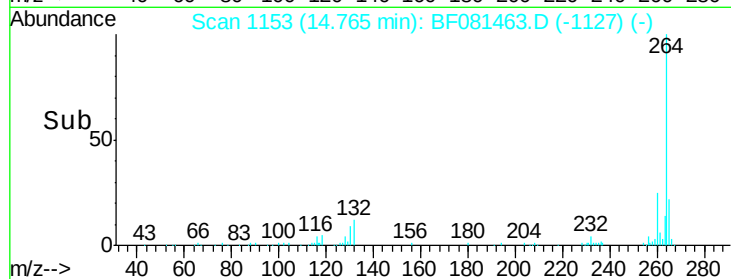
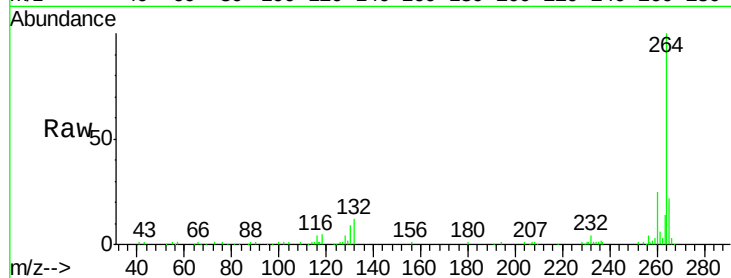
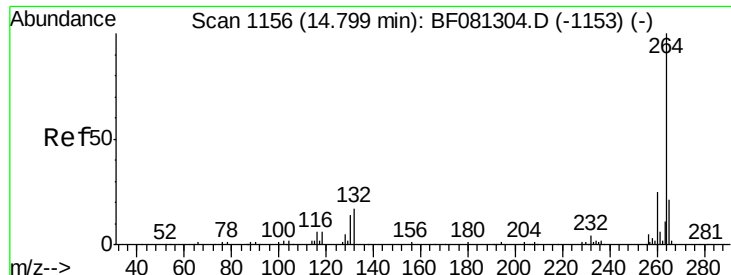
Tgt Ion:240 Resp: 131102
Ion Ratio Lower Upper
240 100
120 13.0 16.2 24.2#
236 26.4 18.4 27.6



#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#





#86

Perylene-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 :

B2

Tgt Ion:264 Resp: 96920

Ion Ratio Lower Upper

264 100

260 25.1 16.7 25.1#

265 21.8 17.2 25.8

