

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081483.D
 Acq On : 6 Sep 2015 1:03
 Operator : UM/IZ
 Sample : G3555-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Quant Time: Sep 07 04:59:55 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

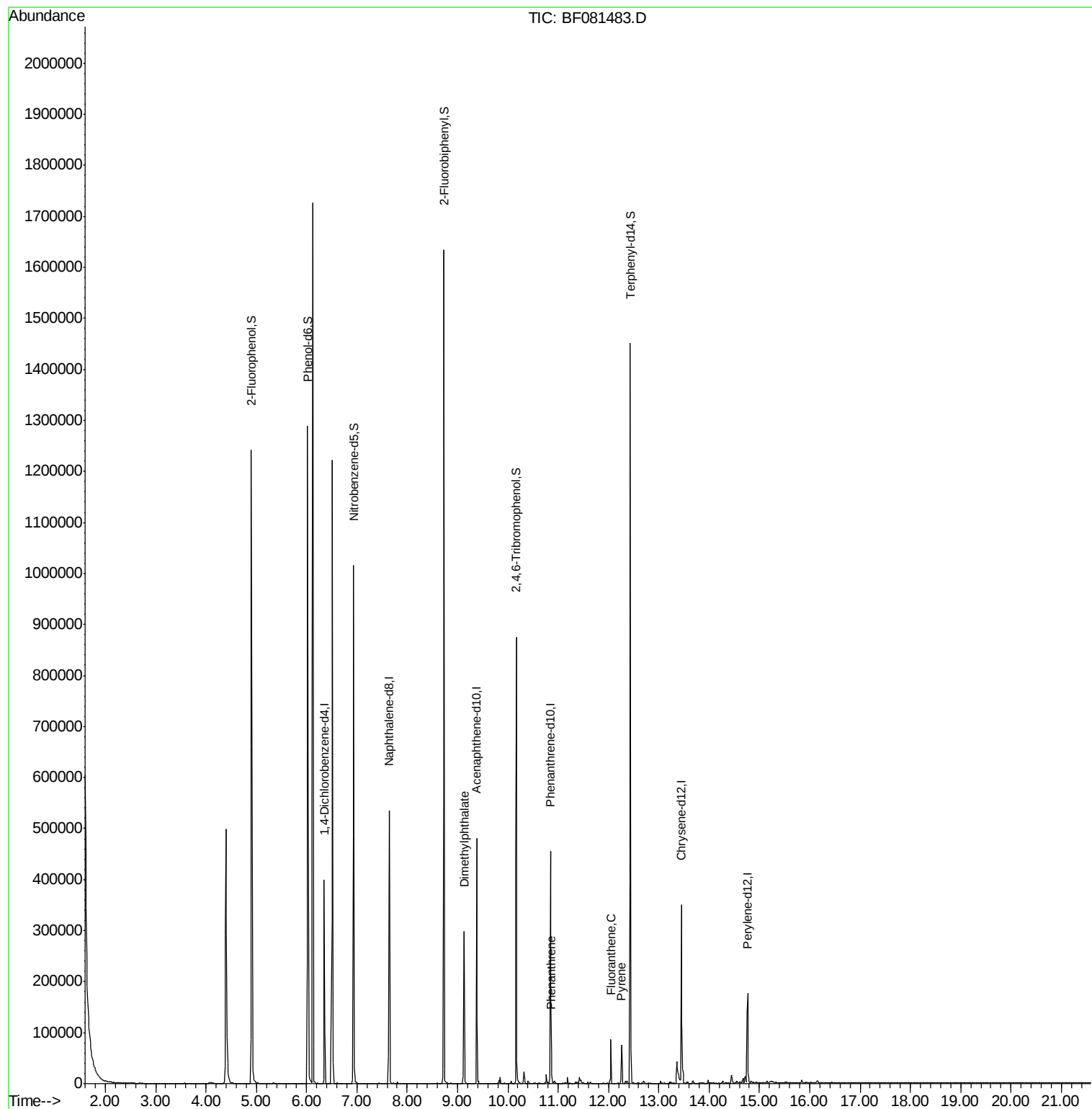
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55088	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	210947	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	93415	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	179463	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	125139	20.00	ng	-0.01
86) Perylene-d12	14.77	264	91244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	371769	104.71	ng	0.01
7) Phenol-d6	6.02	99	492202	104.73	ng	-0.01
23) Nitrobenzene-d5	6.94	82	356894	81.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	98115	117.96	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	528620	72.52	ng	0.00
78) Terphenyl-d14	12.43	244	427901	79.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.13	163	106861	14.72	ng	Qvalue # 97
70) Phenanthrene	10.87	178	22180	2.22	ng	96
74) Fluoranthene	12.05	202	37074	3.43	ng	86
77) Pyrene	12.26	202	31347	3.38	ng	95

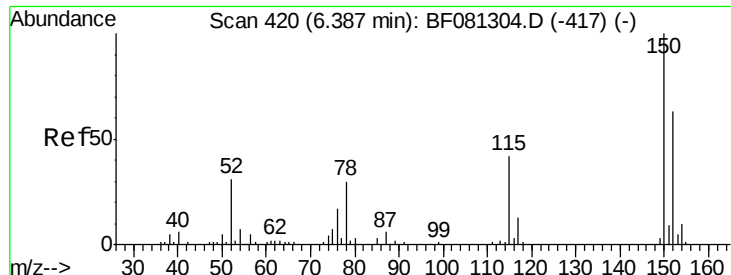
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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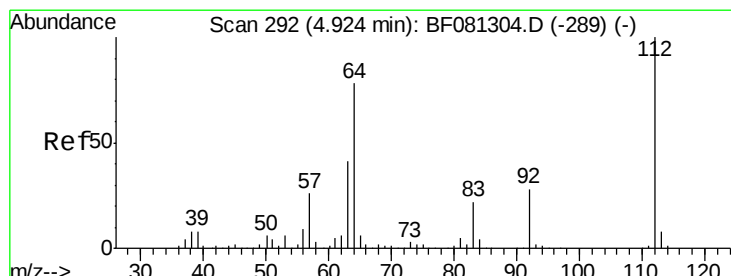
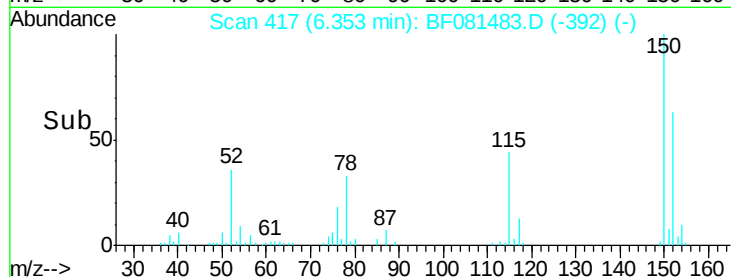
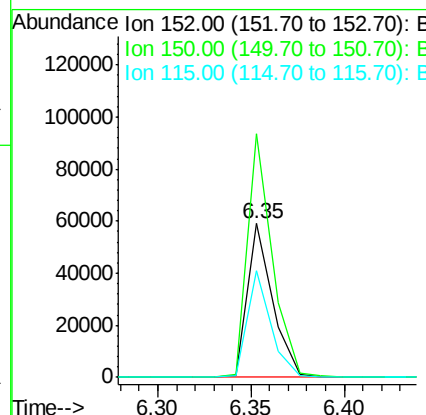
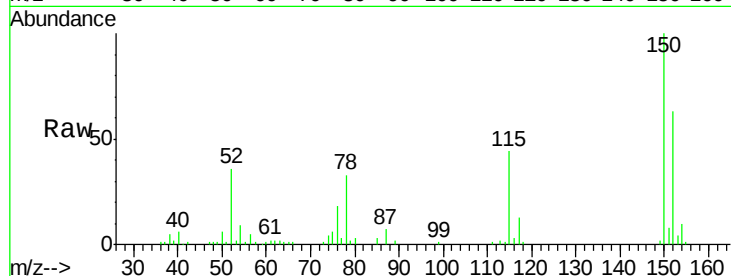




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

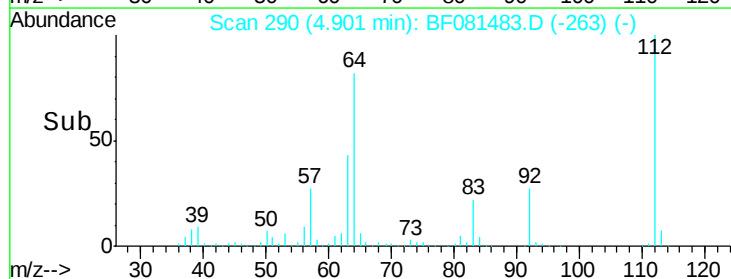
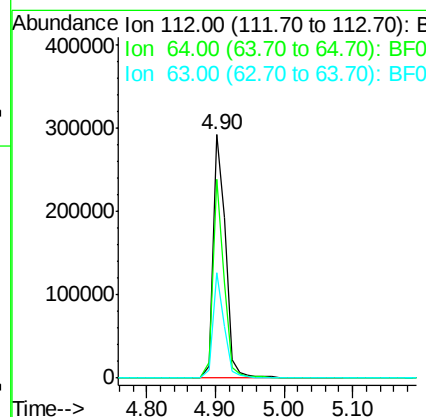
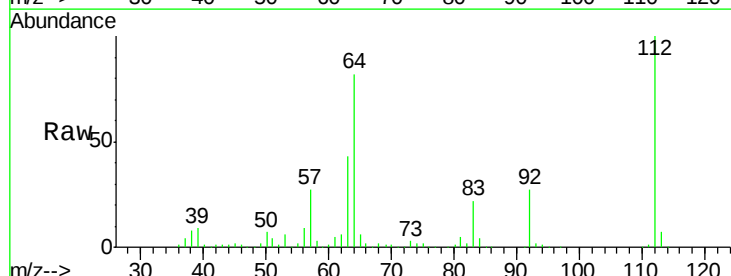
Instrument :
 BNA_F
 ClientSampleId :
 SB-9

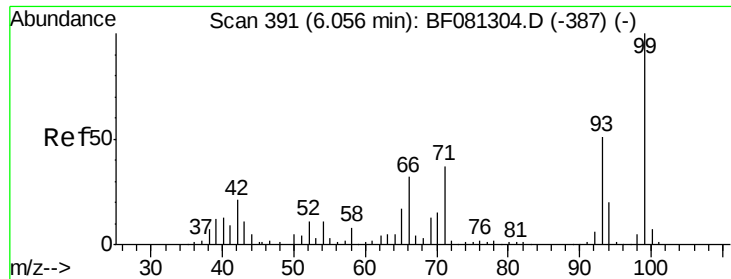
Tgt Ion:152 Resp: 55088
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.7 187.1
 115 69.7 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 104.71 ng
 RT: 4.90 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

Tgt Ion:112 Resp: 371769
 Ion Ratio Lower Upper
 112 100
 64 81.8 39.7 59.5#
 63 43.2 17.4 26.0#





#7

Phenol-d6

Concen: 104.73 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081483.D

Acq: 6 Sep 2015 1:03

Instrument :

BNA_F

ClientSampleId :

SB-9

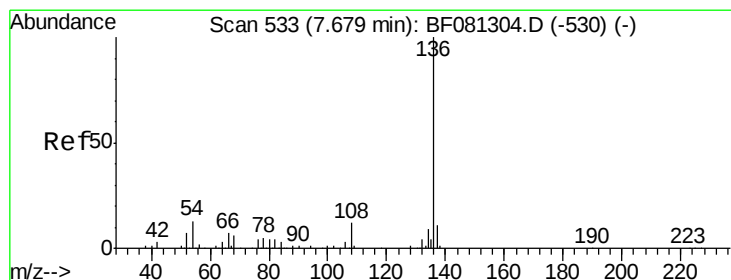
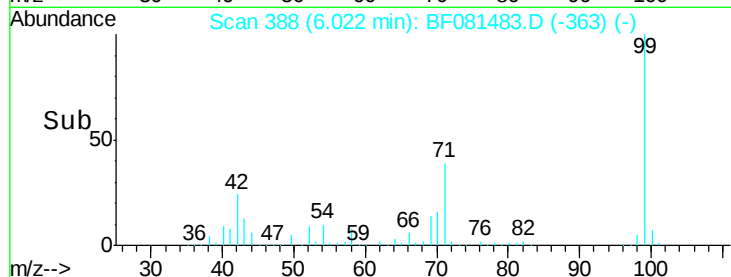
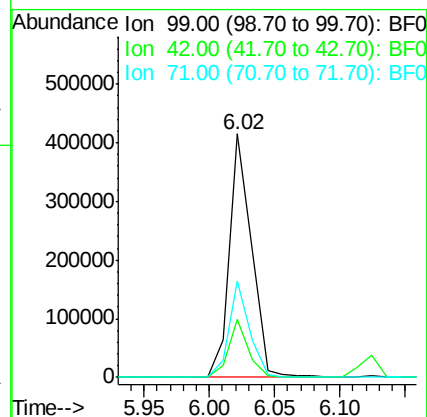
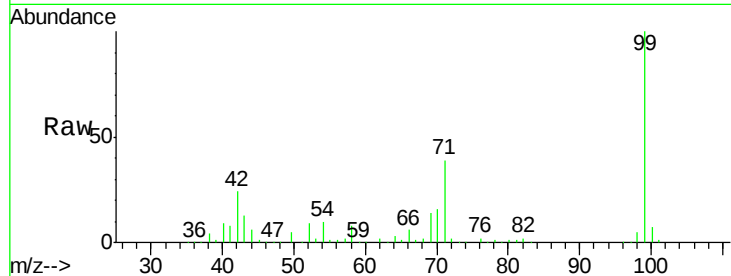
Tgt Ion: 99 Resp: 492202

Ion Ratio Lower Upper

99 100

42 23.7 13.7 20.5#

71 39.5 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: BF081483.D

Acq: 6 Sep 2015 1:03

Tgt Ion: 136 Resp: 210947

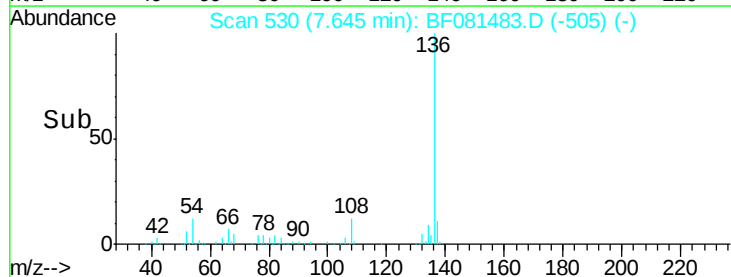
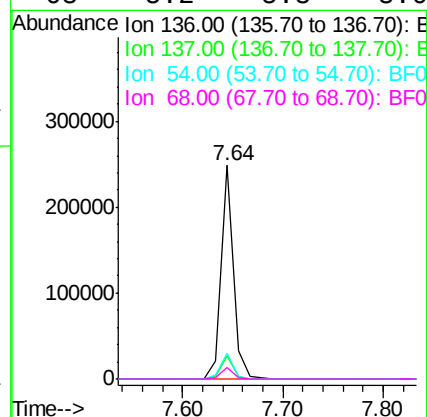
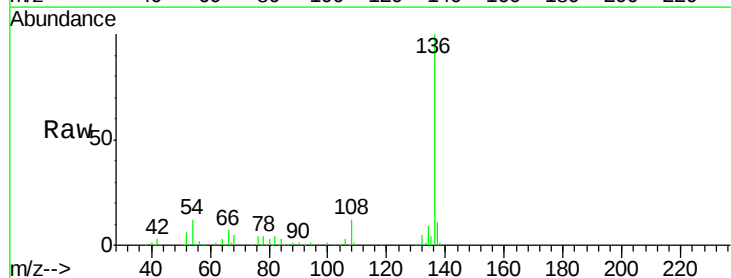
Ion Ratio Lower Upper

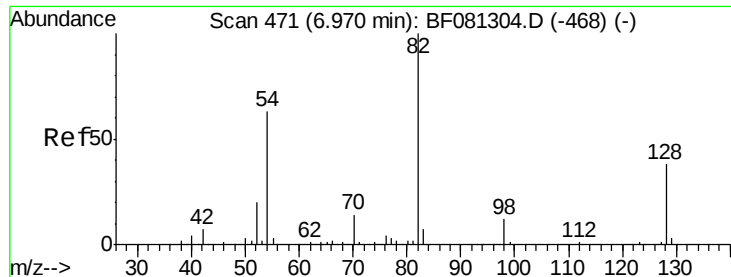
136 100

137 11.0 9.0 13.6

54 11.7 8.2 12.2

68 5.2 5.8 8.6#

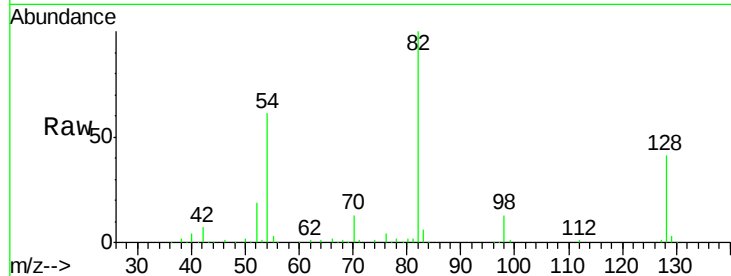




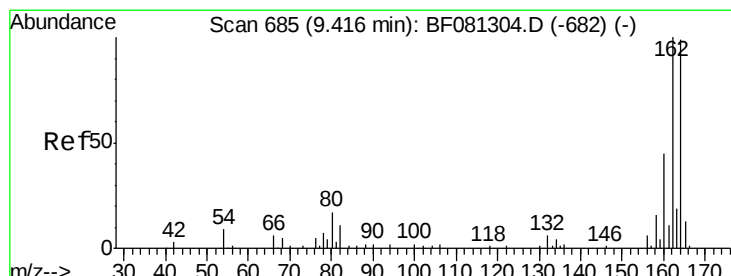
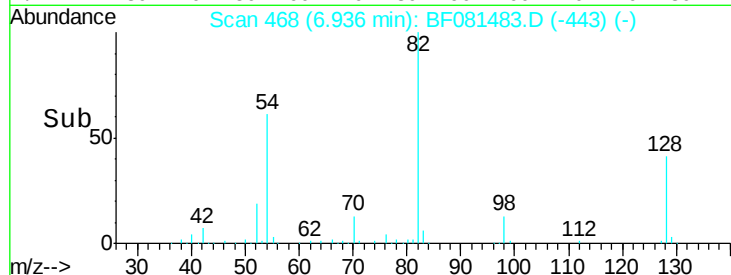
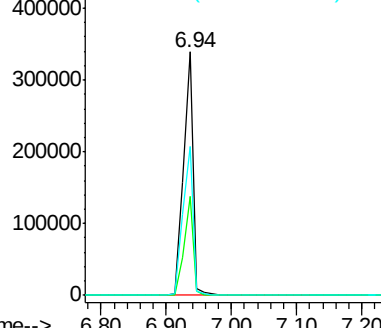
#23
 Nitrobenzene-d5
 Concen: 81.63 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

Instrument :
 BNA_F
 ClientSampled :
 SB-9

Tgt Ion: 82 Resp: 356894
 Ion Ratio Lower Upper
 82 100
 128 40.8 51.0 76.6#
 54 61.2 47.5 71.3

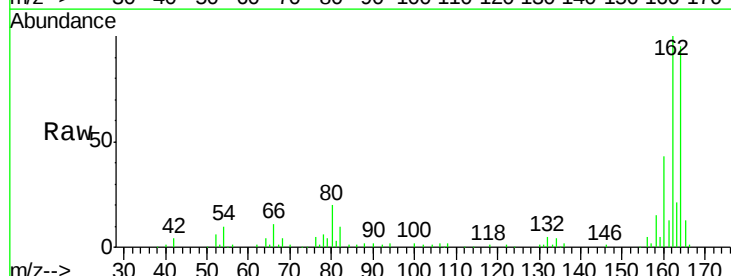


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

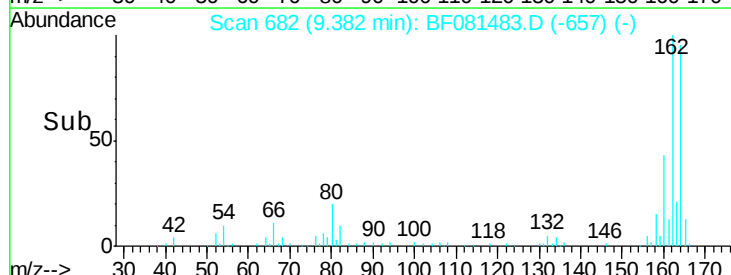
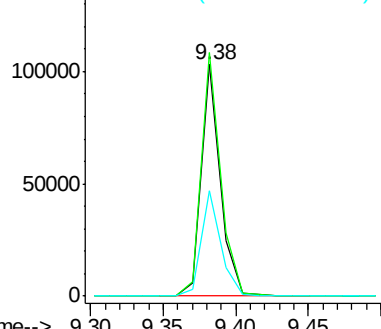


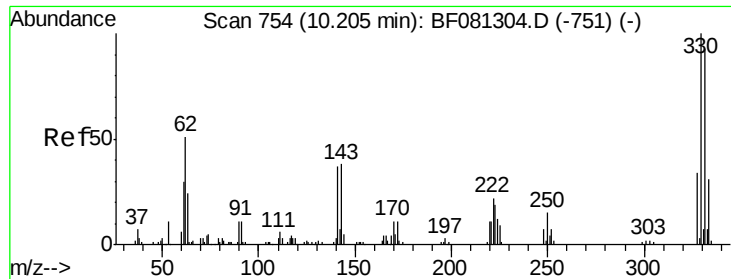
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

Tgt Ion: 164 Resp: 93415
 Ion Ratio Lower Upper
 164 100
 162 105.1 75.2 112.8
 160 45.3 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

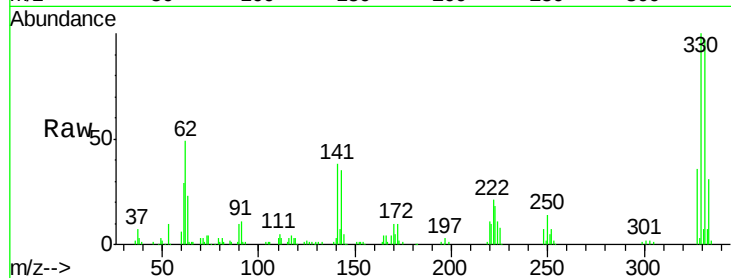




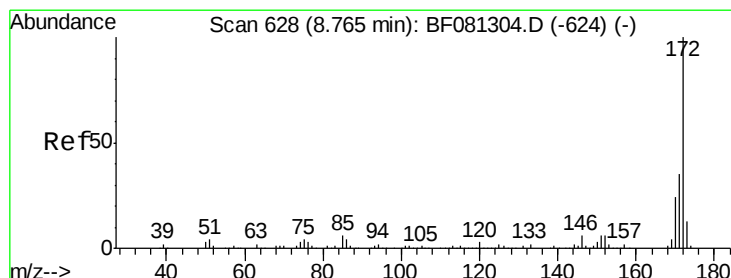
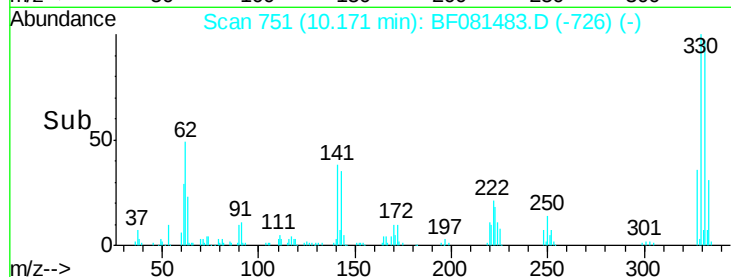
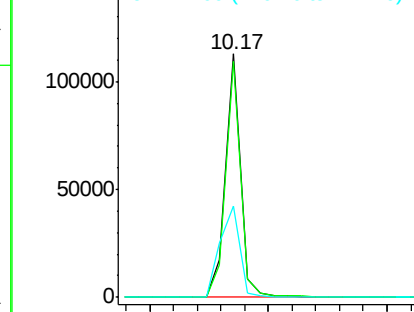
#41
 2,4,6-Tribromophenol
 Concen: 117.96 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Tgt Ion:330 Resp: 98115
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 49.3 29.7 44.5#

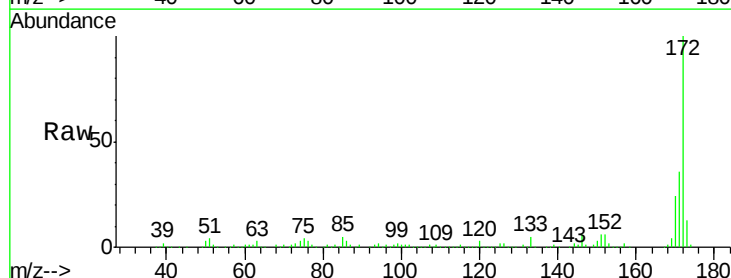


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

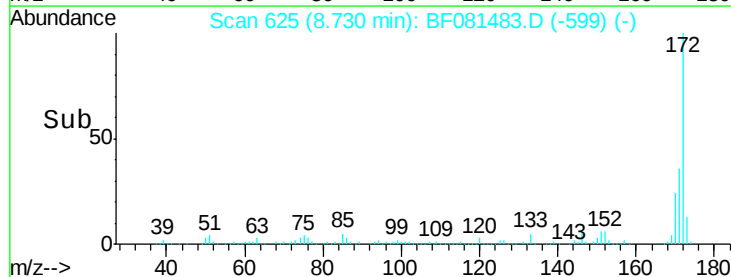
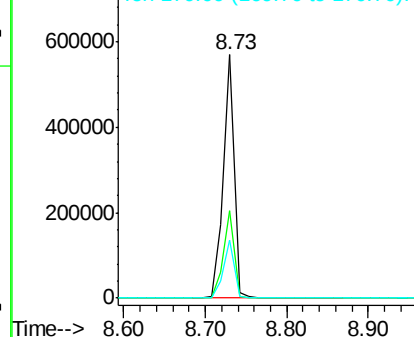


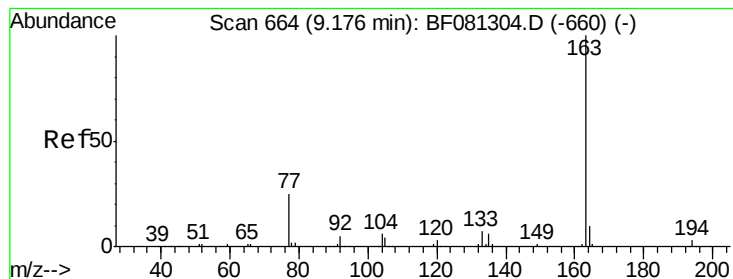
#44
 2-Fluorobiphenyl
 Concen: 72.52 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

Tgt Ion:172 Resp: 528620
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.8 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: 14.72 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081483.D

Acq: 6 Sep 2015 1:03

Instrument :

BNA_F

ClientSampleId :

SB-9

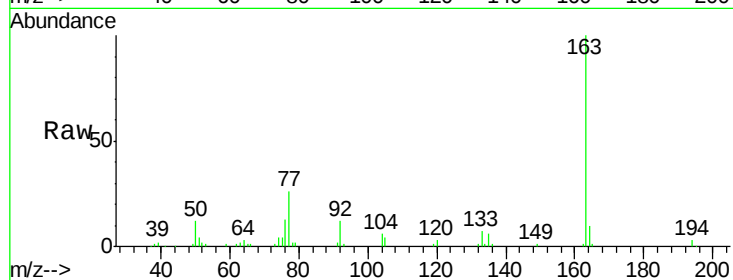
Tgt Ion:163 Resp: 106861

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

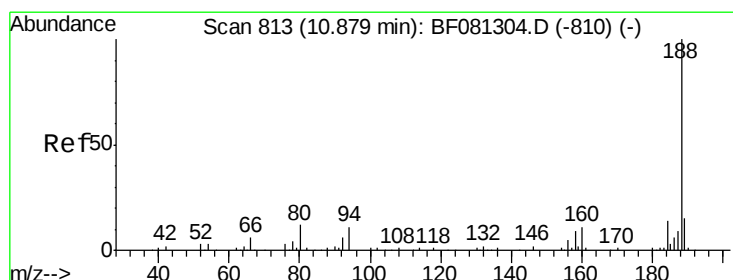
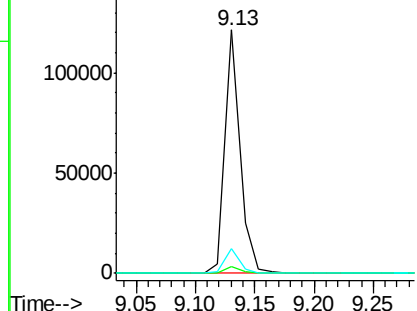
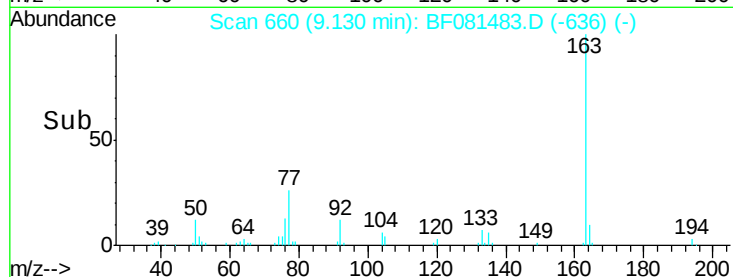
164 10.4 8.3 12.5



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: 10.84 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF081483.D

Acq: 6 Sep 2015 1:03

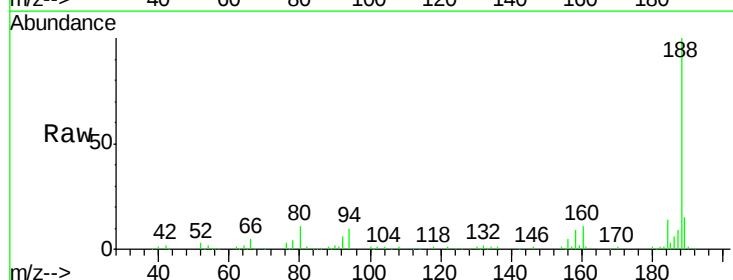
Tgt Ion:188 Resp: 179463

Ion Ratio Lower Upper

188 100

94 10.2 11.1 16.7#

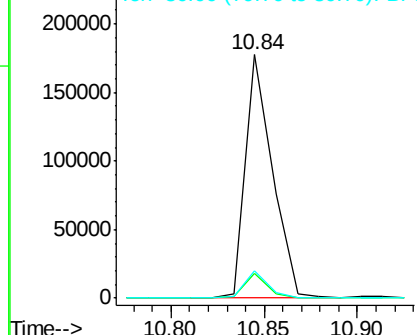
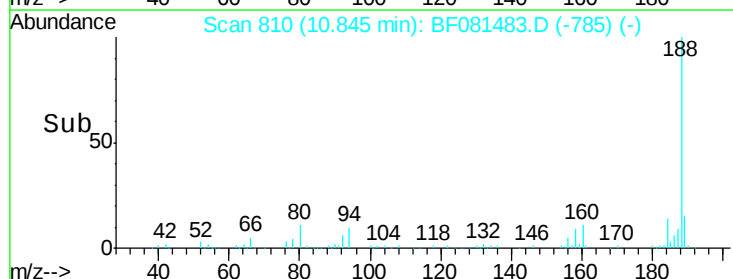
80 11.4 11.0 16.4

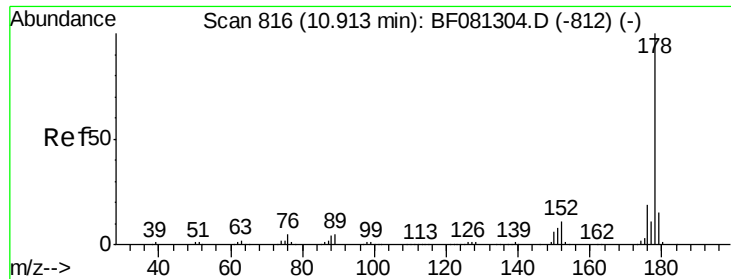


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.22 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF081483.D

Acq: 6 Sep 2015 1:03

Instrument :

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SB-9

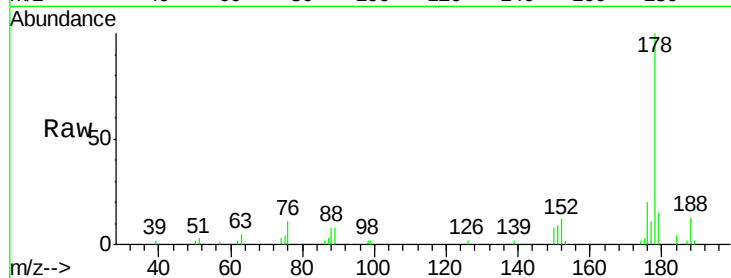
Tgt Ion:178 Resp: 22180

Ion Ratio Lower Upper

178 100

176 20.1 13.8 20.8

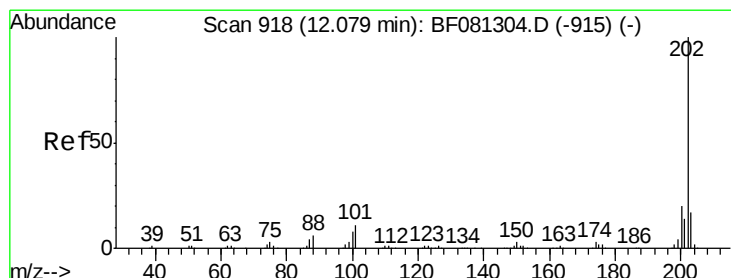
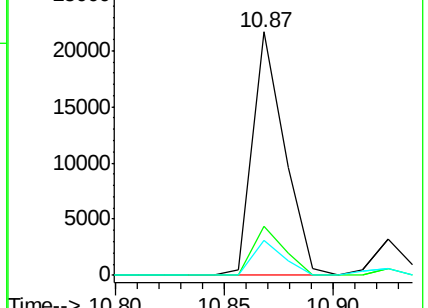
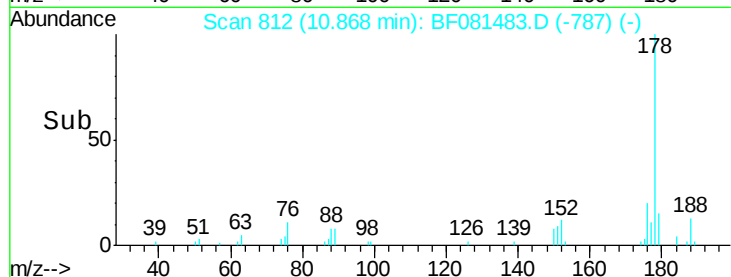
179 14.6 12.2 18.2



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



#74

Fluoranthene

Concen: 3.43 ng

RT: 12.05 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF081483.D

Acq: 6 Sep 2015 1:03

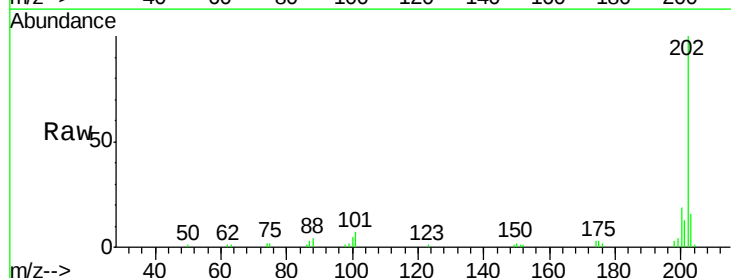
Tgt Ion:202 Resp: 37074

Ion Ratio Lower Upper

202 100

101 7.2 0.0 38.3

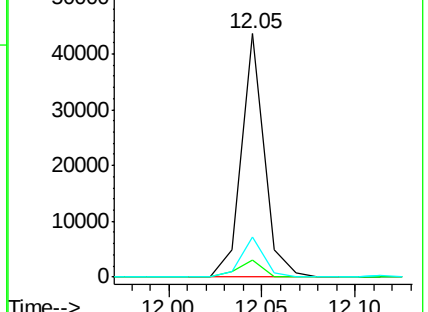
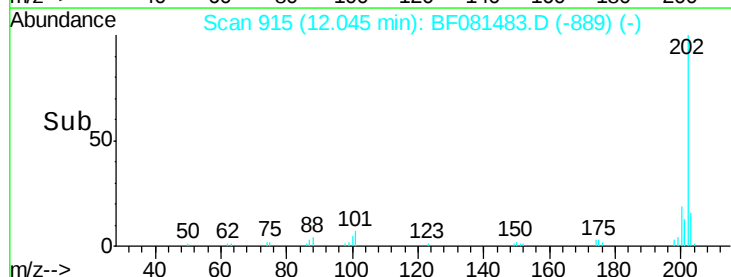
203 16.4 0.0 37.3

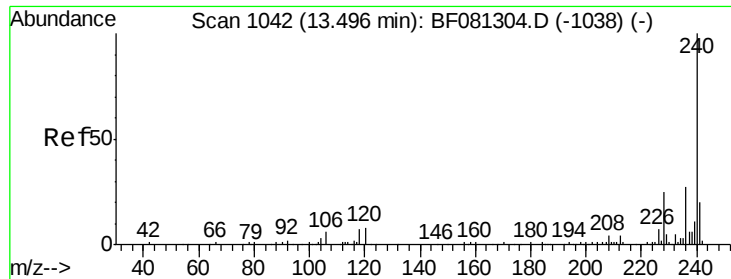


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

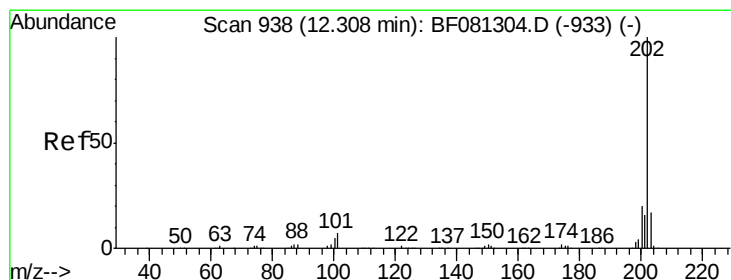
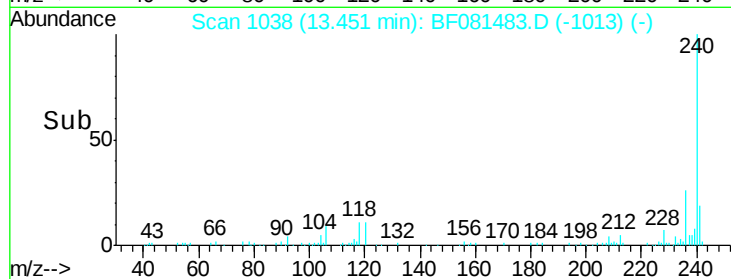
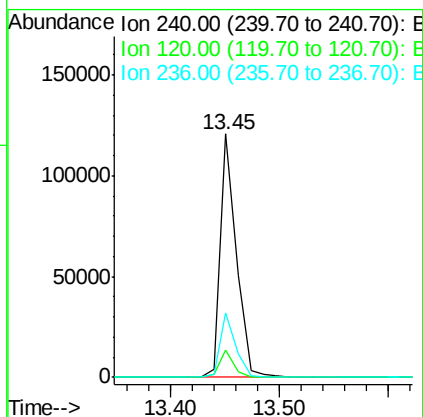
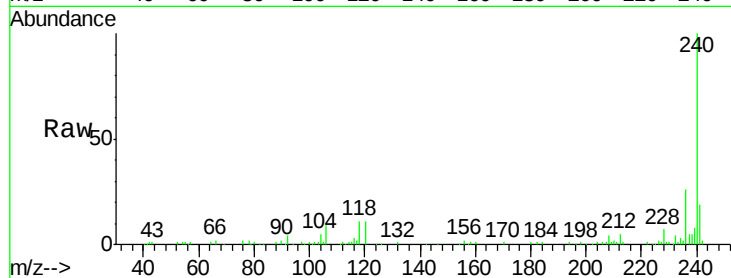




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

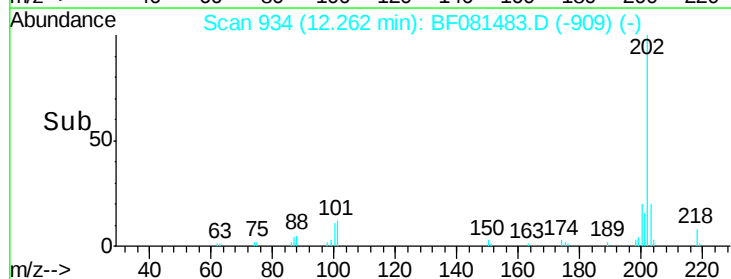
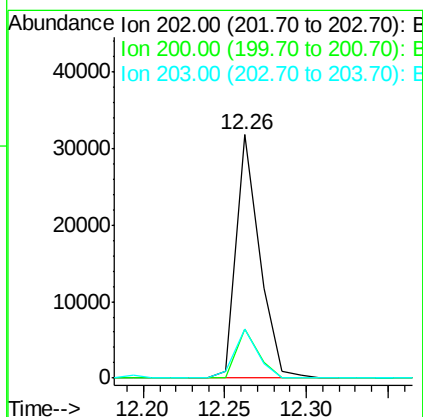
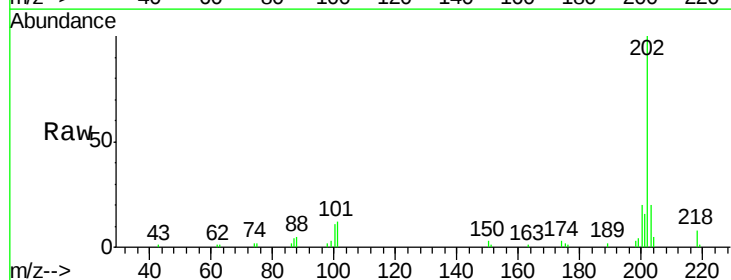
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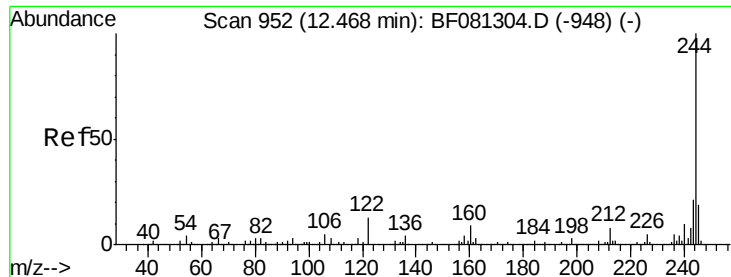
Tgt Ion:240 Resp: 125139
 Ion Ratio Lower Upper
 240 100
 120 11.3 16.2 24.2#
 236 26.4 18.4 27.6



#77
 Pyrene
 Concen: 3.38 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

Tgt Ion:202 Resp: 31347
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.0 22.4
 203 20.4 14.1 21.1

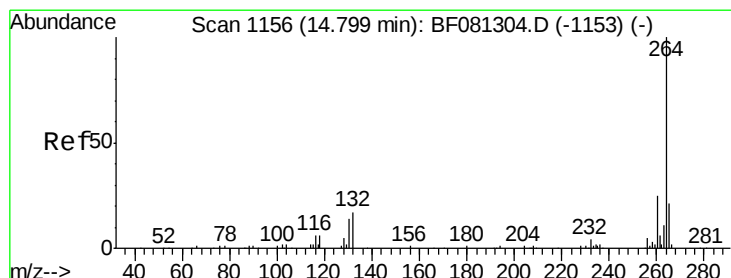
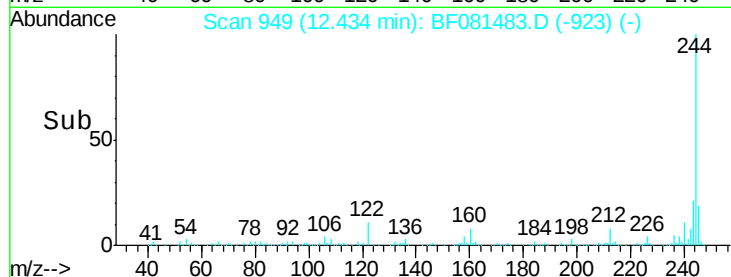
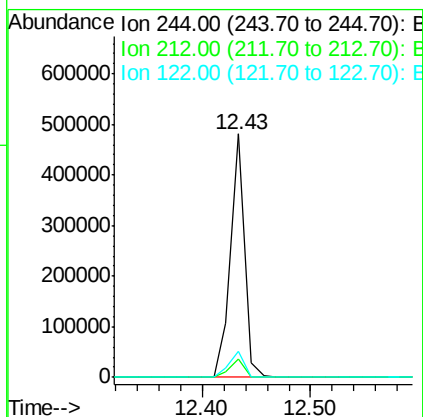
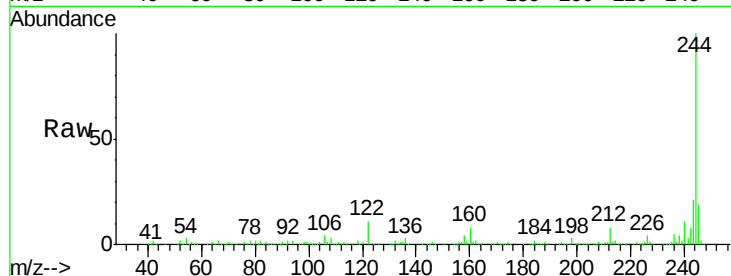




#78
 Terphenyl-d14
 Concen: 79.60 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081483.D
 Acq: 6 Sep 2015 1:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Tgt Ion:244 Resp: 427901
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 10.6 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: BF081483.D
 Acq: 6 Sep 2015 1:03

Tgt Ion:264 Resp: 91244
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.9 17.2 25.8

