

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081684.D
 Acq On : 17 Sep 2015 18:16
 Operator : UM/IZ
 Sample : G3664-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-1(6-9)

Quant Time: Sep 18 04:13:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

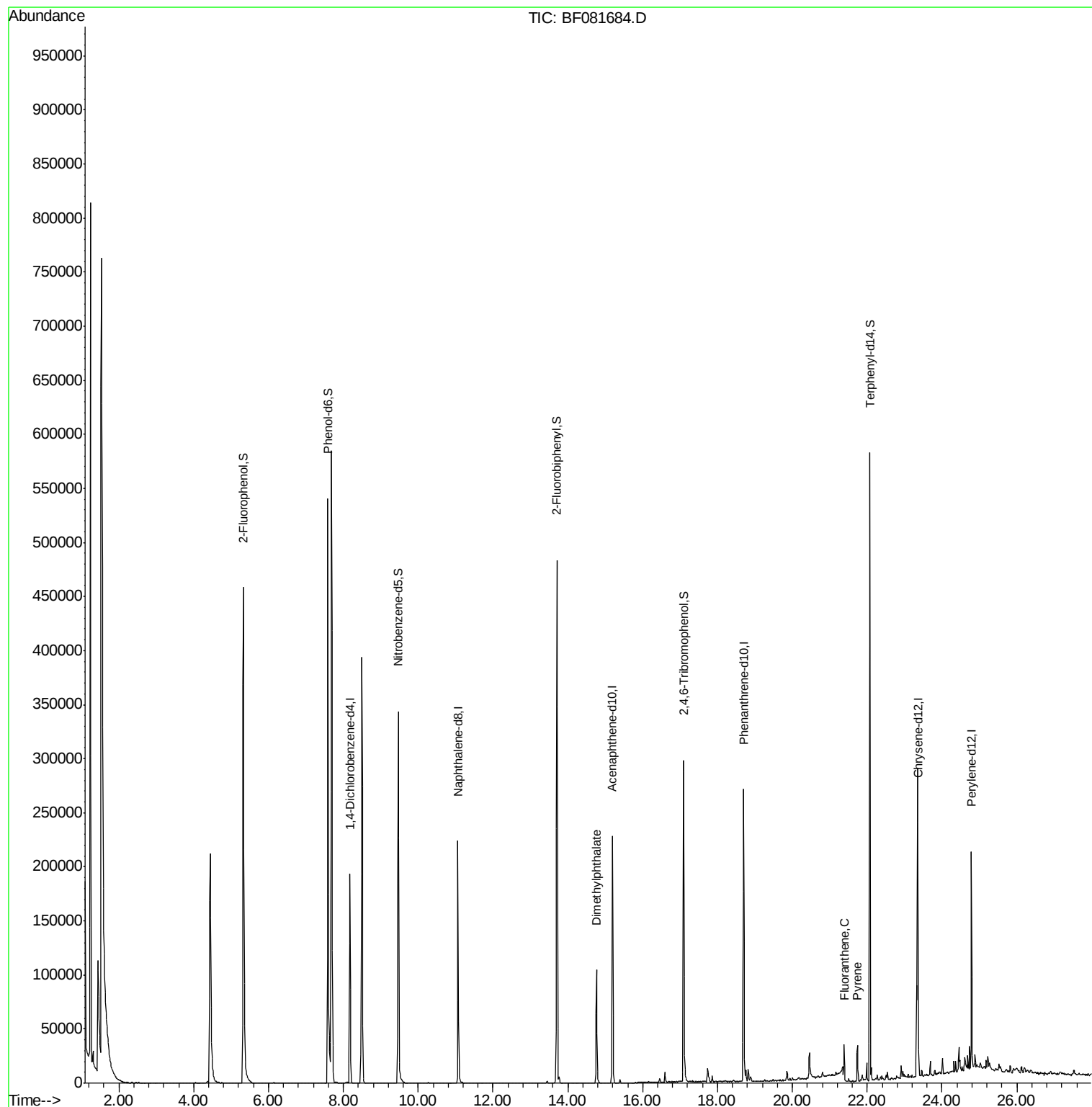
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	47695	20.00	ng	-0.04
21) Naphthalene-d8	11.06	136	192397	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	90792	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	180524	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	128378	20.00	ng	-0.03
86) Perylene-d12	24.78	264	80686	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	226928	73.82	ng	-0.02
7) Phenol-d6	7.59	99	319450	78.51	ng	-0.06
23) Nitrobenzene-d5	9.46	82	205205	51.46	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	59045	73.04	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	278230	39.27	ng	-0.07
78) Terphenyl-d14	22.07	244	233595	42.36	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	14.77	163	73200	10.38	ng	# 97
74) Fluoranthene	21.39	202	23729	2.18	ng	87
77) Pyrene	21.74	202	23588	2.48	ng	95

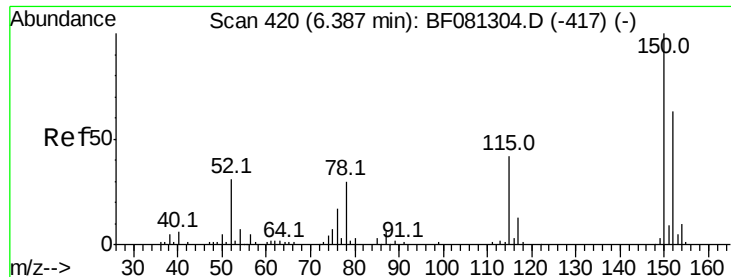
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081684.D

Acq: 17 Sep 2015 18:16

Instrument :

BNA_F

ClientSampleId :

GP-1(6-9)

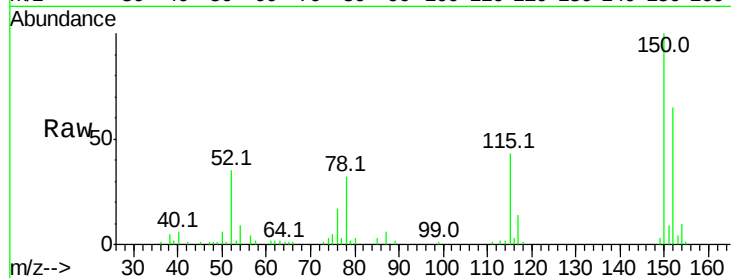
Tgt Ion:152 Resp: 47695

Ion Ratio Lower Upper

152 100

150 153.1 124.7 187.1

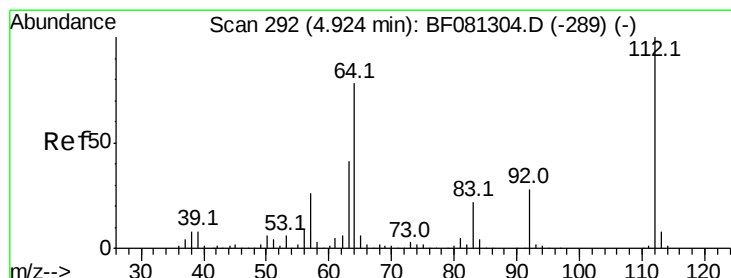
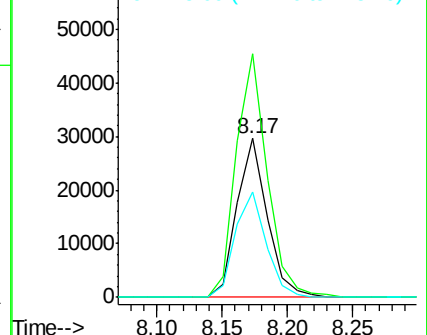
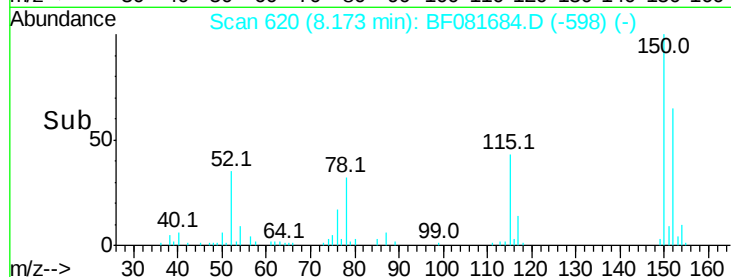
115 66.3 39.0 58.4#



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: 73.82 ng

RT: 5.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF081684.D

Acq: 17 Sep 2015 18:16

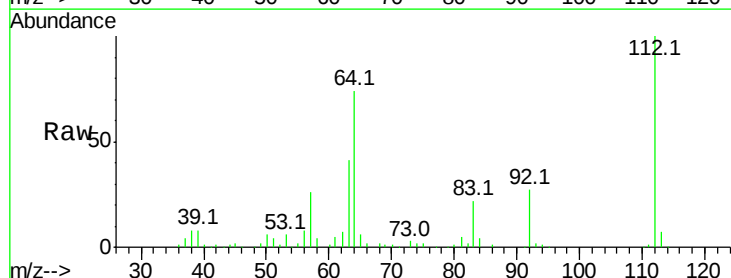
Tgt Ion:112 Resp: 226928

Ion Ratio Lower Upper

112 100

64 74.4 39.7 59.5#

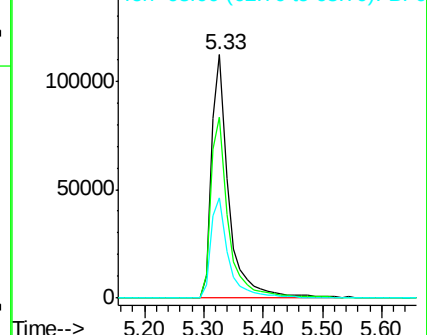
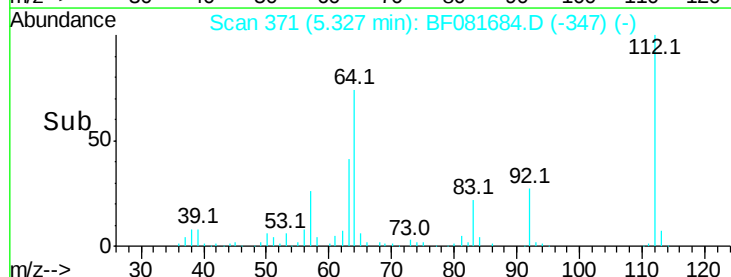
63 41.1 17.4 26.0#

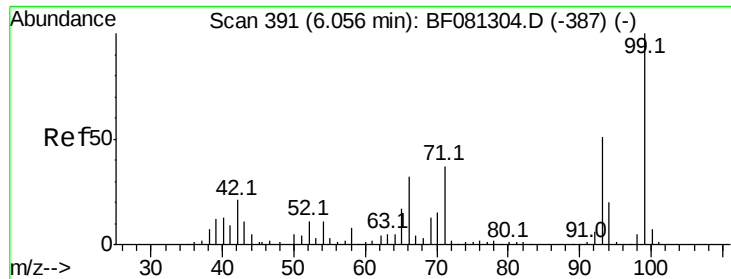


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.51 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081684.D

Acq: 17 Sep 2015 18:16

Instrument :

BNA_F

ClientSampleId :

GP-1(6-9)

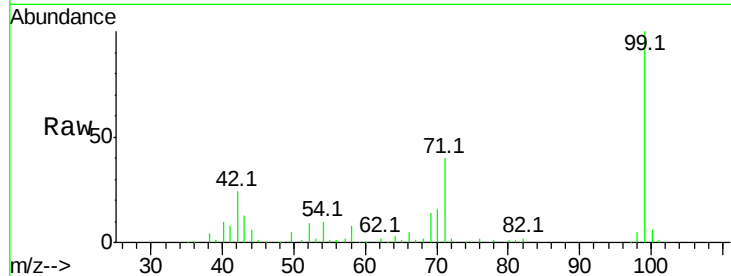
Tgt Ion: 99 Resp: 319450

Ion Ratio Lower Upper

99 100

42 24.1 13.7 20.5#

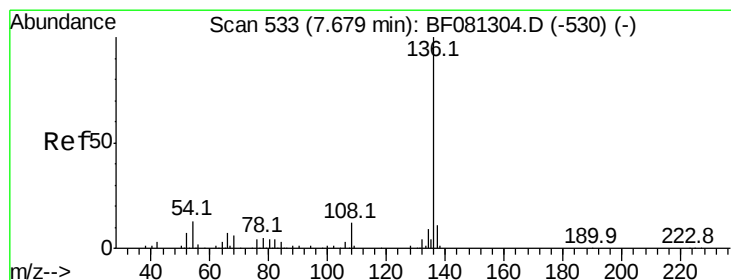
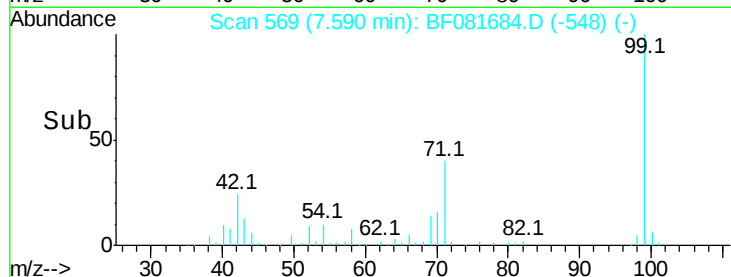
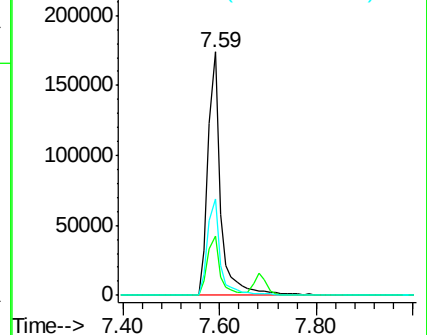
71 39.6 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081684.D

Acq: 17 Sep 2015 18:16

Tgt Ion: 136 Resp: 192397

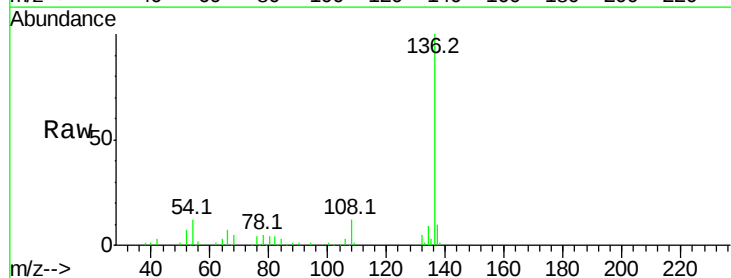
Ion Ratio Lower Upper

136 100

137 10.0 9.0 13.6

54 12.2 8.2 12.2

68 4.9 5.8 8.6#

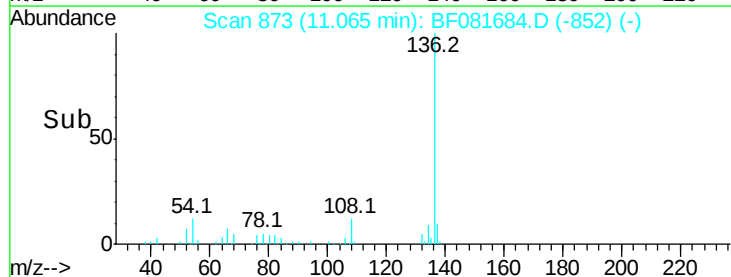
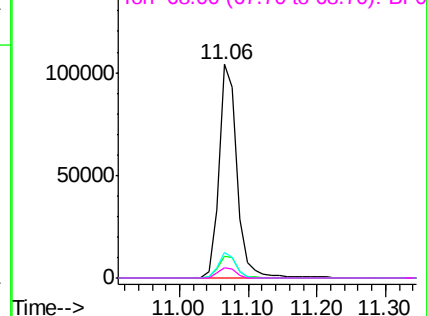


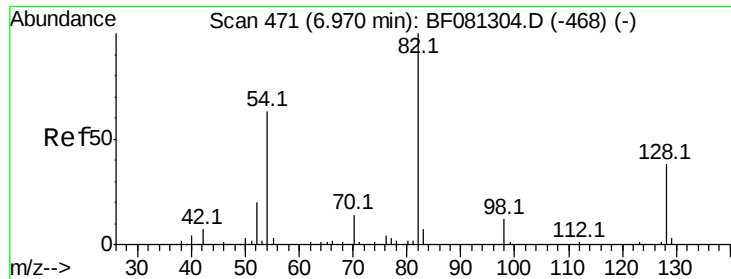
Abundance Ion 136.00 (135.70 to 136.70): E

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

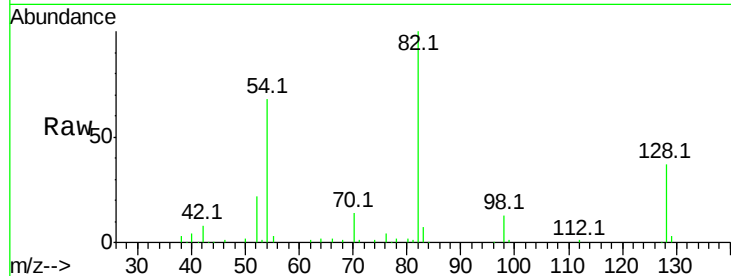




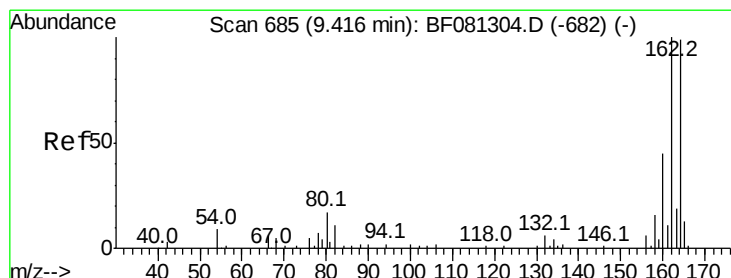
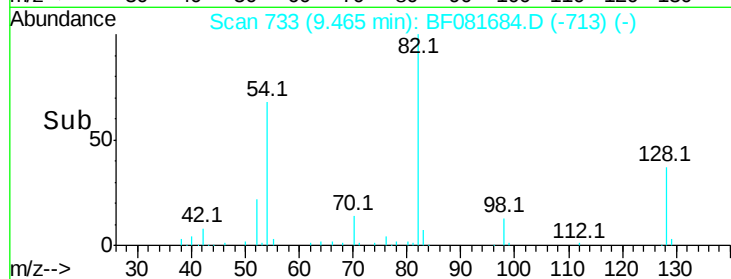
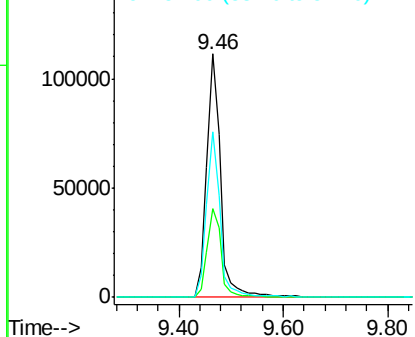
#23
 Nitrobenzene-d5
 Concen: 51.46 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF081684.D
 Acq: 17 Sep 2015 18:16

Instrument :
 BNA_F
 ClientSampleID :
 GP-1(6-9)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.6	51.0	76.6#
54	67.9	47.5	71.3

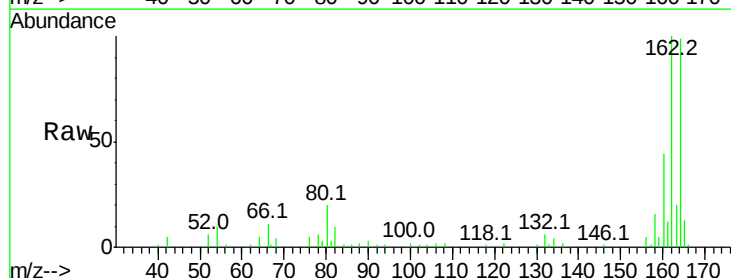


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

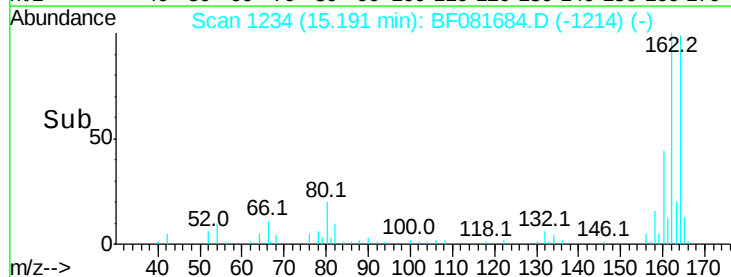
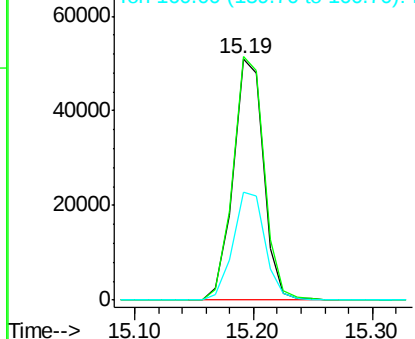


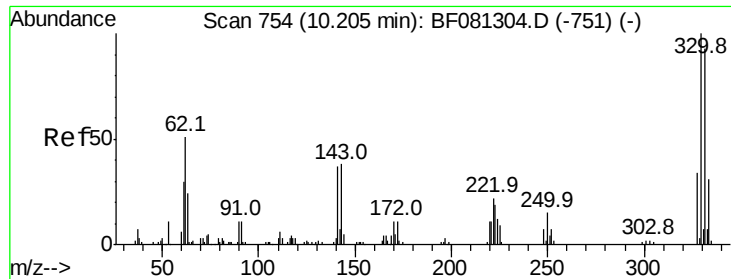
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081684.D
 Acq: 17 Sep 2015 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	75.2	112.8
160	44.5	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

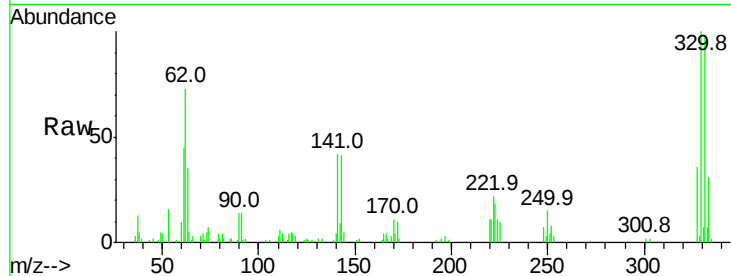




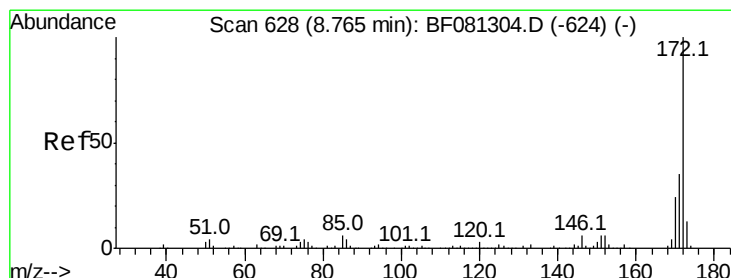
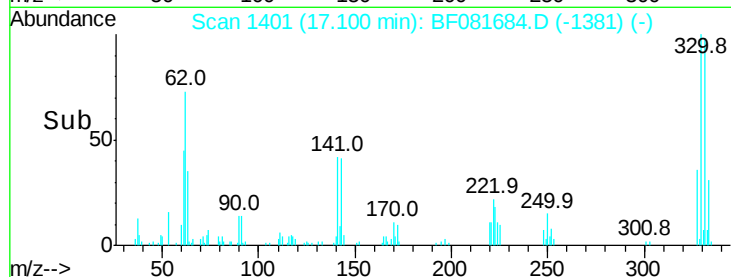
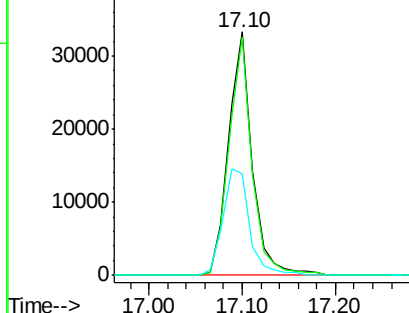
#41
 2,4,6-Tribromophenol
 Concen: 73.04 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081684.D
 Acq: 17 Sep 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 GP-1(6-9)

Tgt Ion:330 Resp: 59045
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 48.8 29.7 44.5#

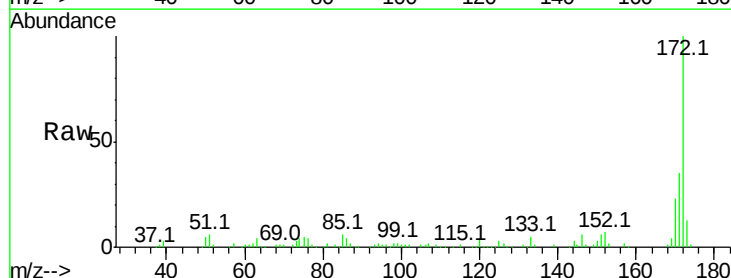


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

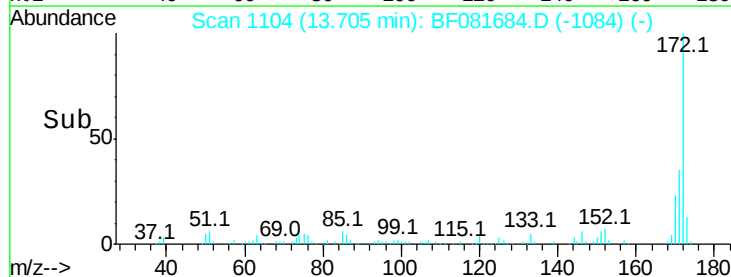
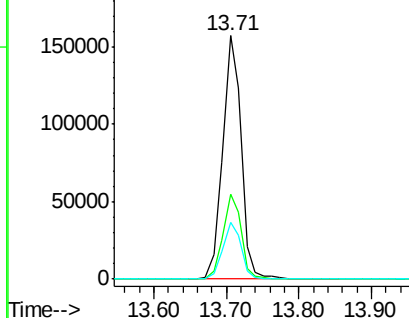


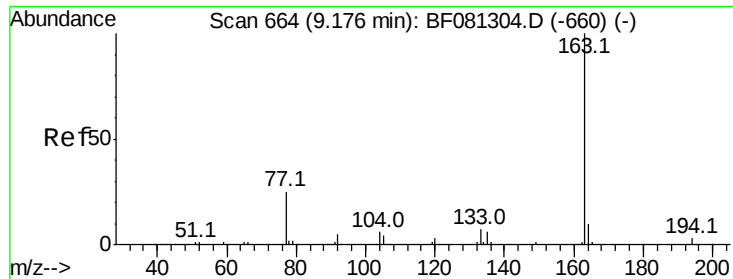
#44
 2-Fluorobiphenyl
 Concen: 39.27 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081684.D
 Acq: 17 Sep 2015 18:16

Tgt Ion:172 Resp: 278230
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.2 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: 10.38 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.09 min

Lab File: BF081684.D

Acq: 17 Sep 2015 18:16

Instrument :

BNA_F

ClientSampleId :

GP-1(6-9)

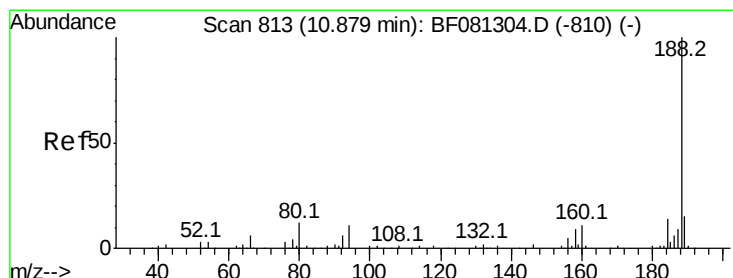
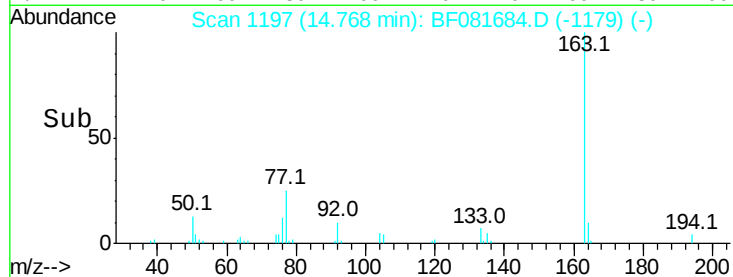
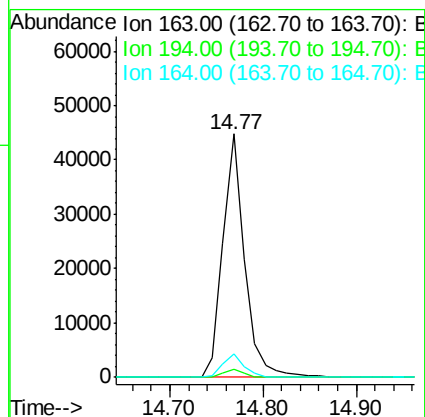
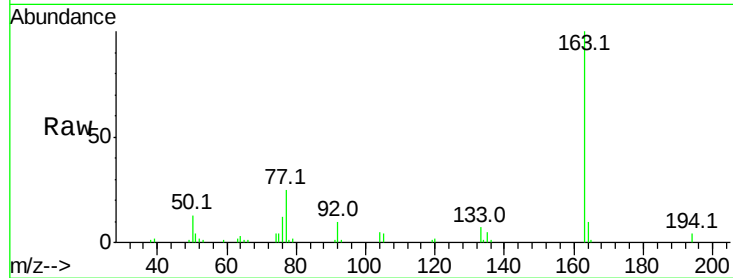
Tgt Ion:163 Resp: 73200

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

164 9.7 8.3 12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081684.D

Acq: 17 Sep 2015 18:16

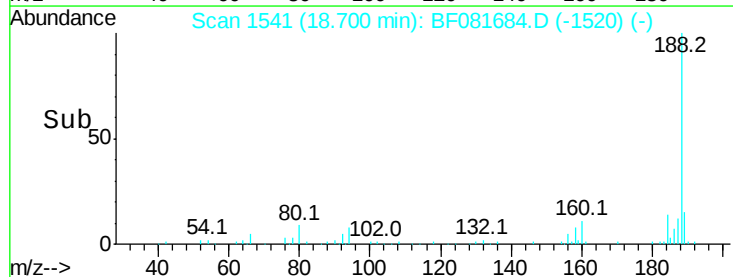
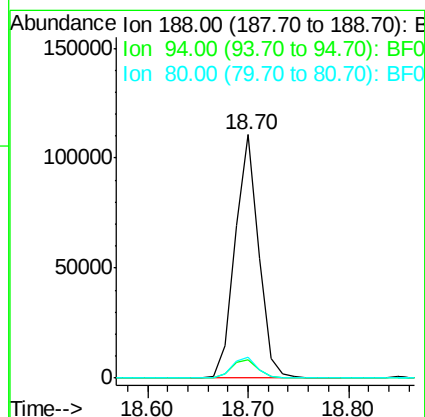
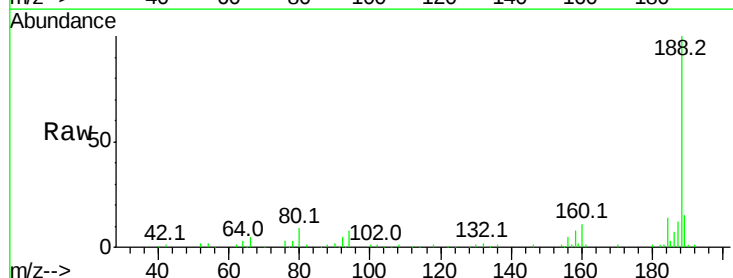
Tgt Ion:188 Resp: 180524

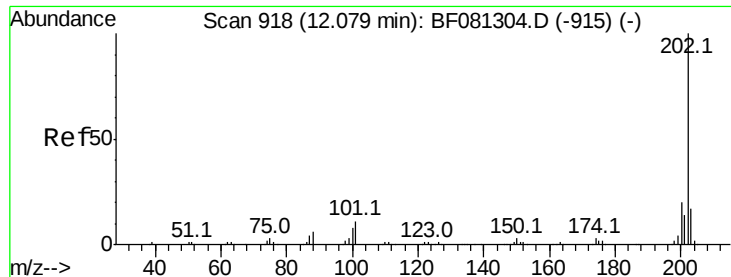
Ion Ratio Lower Upper

188 100

94 7.8 11.1 16.7#

80 8.8 11.0 16.4#

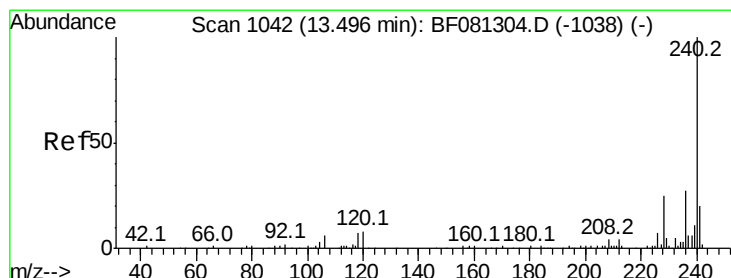
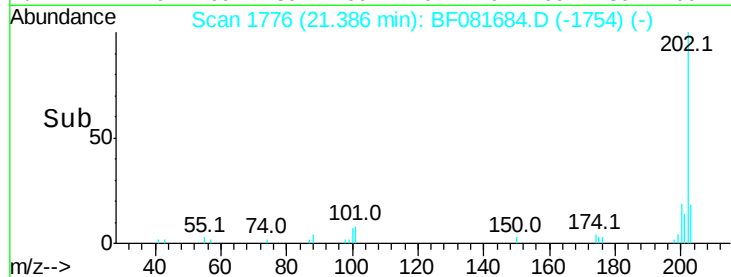
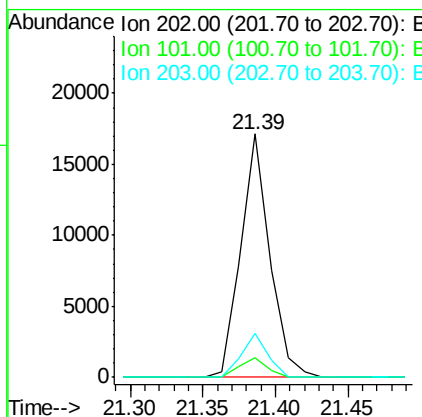
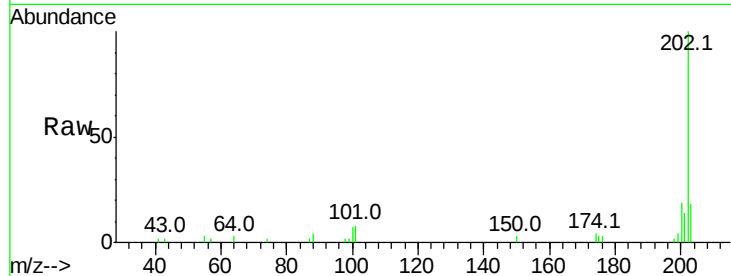




#74
 Fluoranthene
 Concen: 2.18 ng
 RT: 21.39 min Scan# 1776
 Delta R.T. -0.04 min
 Lab File: BF081684.D
 Acq: 17 Sep 2015 18:16

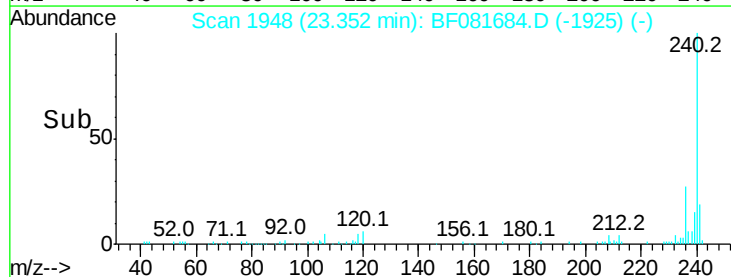
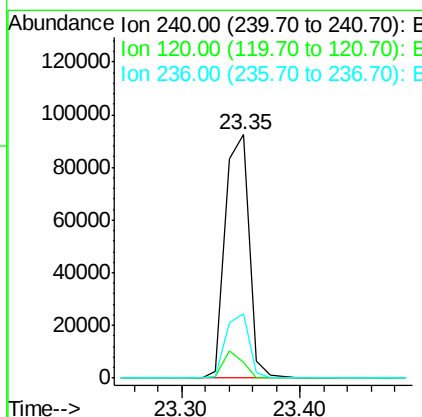
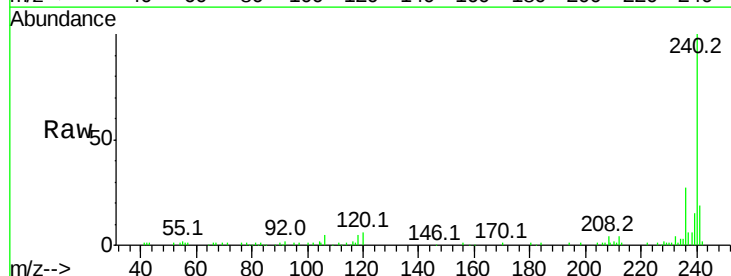
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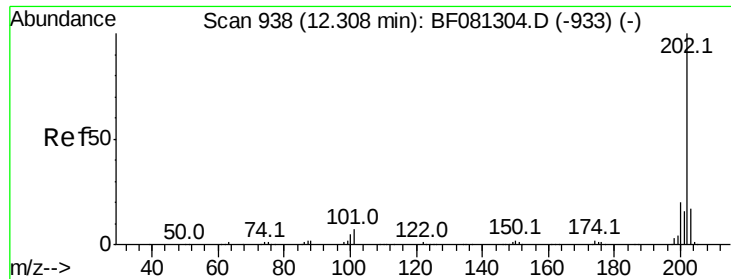
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	38.3
203	18.2	0.0	37.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BF081684.D
 Acq: 17 Sep 2015 18:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	16.2	24.2#
236	26.6	18.4	27.6

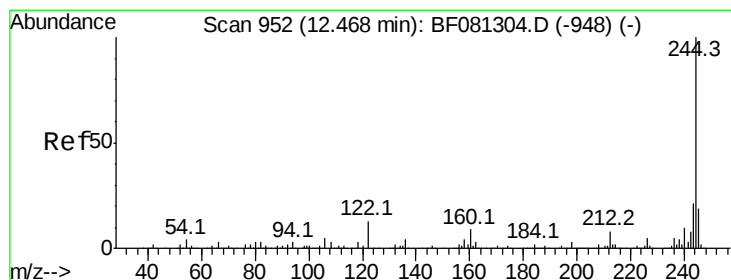
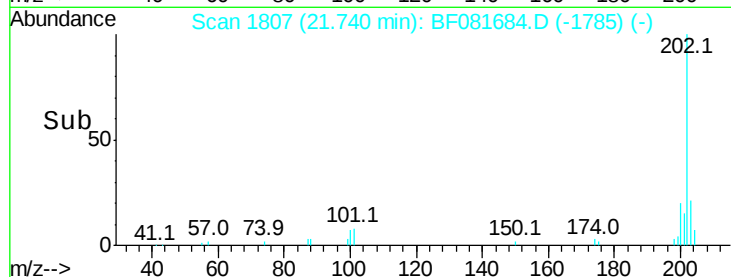
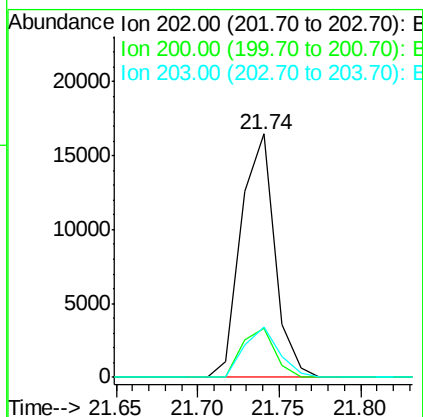
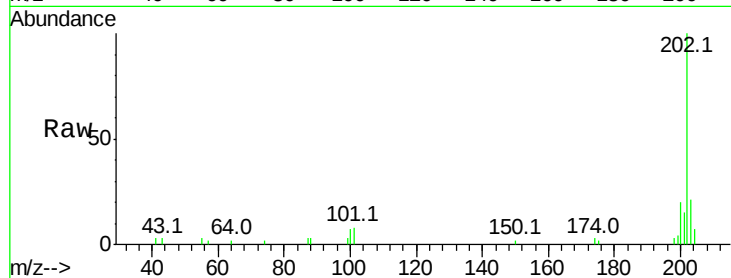




#77
 Pyrene
 Concen: 2.48 ng
 RT: 21.74 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF081684.D
 Acq: 17 Sep 2015 18:16

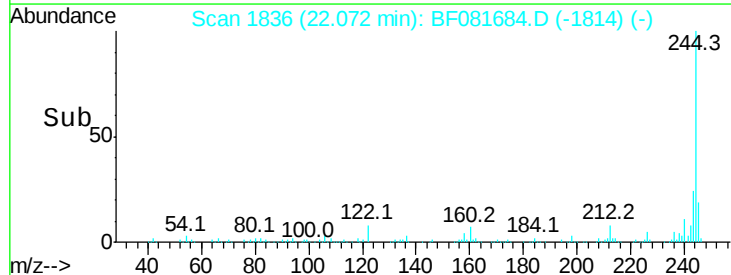
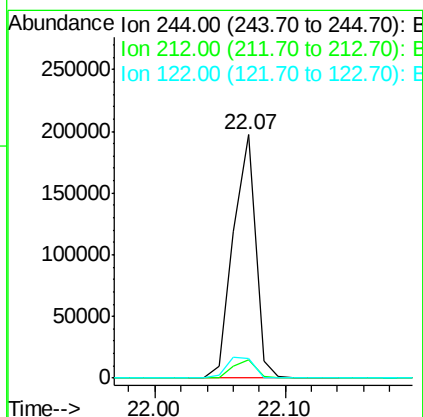
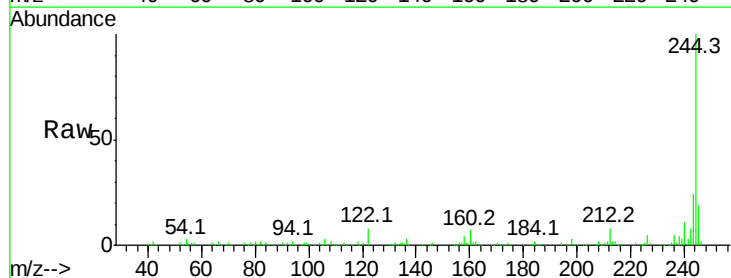
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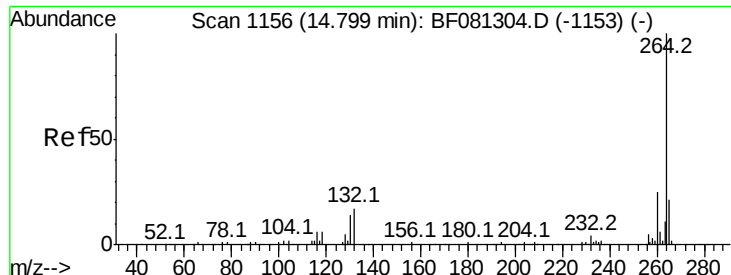
Tgt Ion: 202 Resp: 23588
 Ion Ratio Lower Upper
 202 100
 200 20.0 15.0 22.4
 203 20.8 14.1 21.1



#78
 Terphenyl-d14
 Concen: 42.36 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081684.D
 Acq: 17 Sep 2015 18:16

Tgt Ion: 244 Resp: 233595
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 8.0 17.4 26.2#

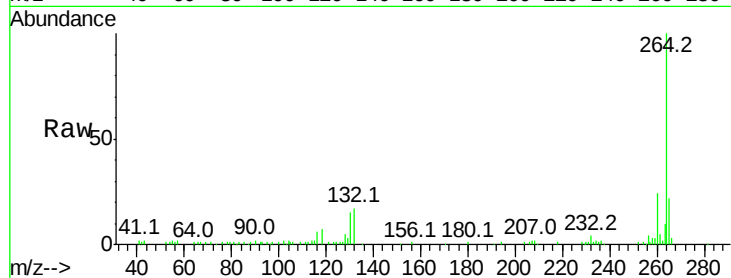




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081684.D
Acq: 17 Sep 2015 18:16

Instrument :
BNA_F
ClientSampleId :
GP-1(6-9)

Tgt Ion: 264 Resp: 80686
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 21.6 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

