

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081571.D
 Acq On : 10 Sep 2015 17:14
 Operator : UM/IZ
 Sample : G3497-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3

Quant Time: Sep 11 01:06:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 00:38:02 2015
 Response via : Initial Calibration

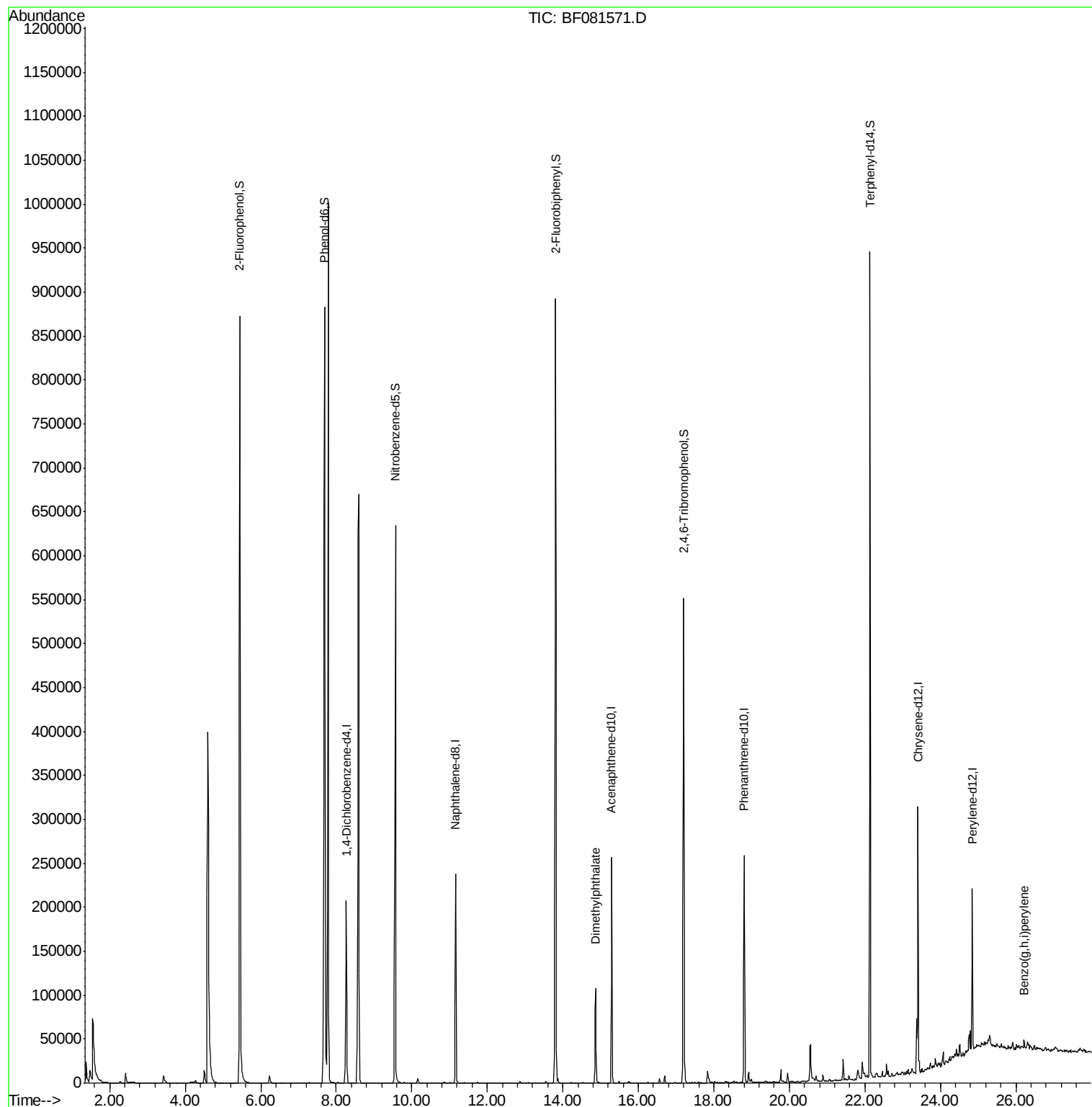
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	50149	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	196595	20.00	ng	-0.01
38) Acenaphthene-d10	15.29	164	93714	20.00	ng	-0.01
63) Phenanthrene-d10	18.80	188	178300	20.00	ng	-0.01
75) Chrysene-d12	23.41	240	107732	20.00	ng	-0.01
86) Perylene-d12	24.85	264	78713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	395484	122.36	ng	0.02
7) Phenol-d6	7.69	99	568960	132.98	ng	0.00
23) Nitrobenzene-d5	9.57	82	377223	92.57	ng	0.00
41) 2,4,6-Tribromophenol	17.20	330	92201	110.50	ng	-0.01
44) 2-Fluorobiphenyl	13.81	172	507036	69.33	ng	-0.01
78) Terphenyl-d14	22.14	244	343936	74.32	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.87	163	78196	10.74	ng	# 97
91) Benzo(g,h,i)perylene	26.22	276	7719	2.20	ng	# 80

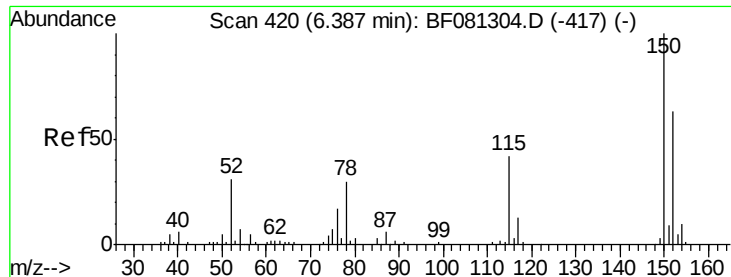
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF081571.D

Acq: 10 Sep 2015 17:14

Instrument :

BNA_F

ClientSampleId :

B3

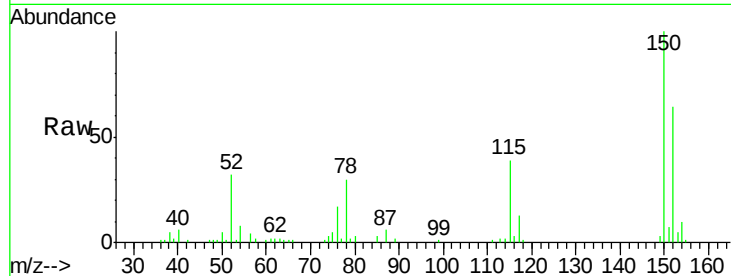
Tgt Ion:152 Resp: 50149

Ion Ratio Lower Upper

152 100

150 156.8 124.7 187.1

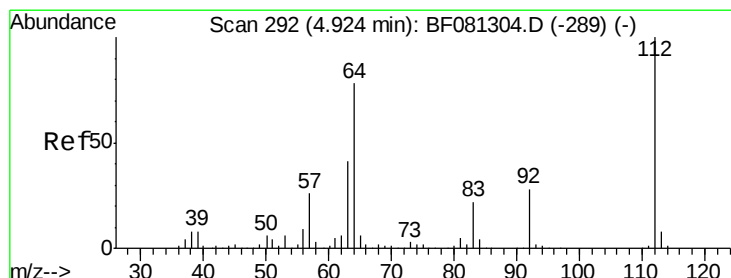
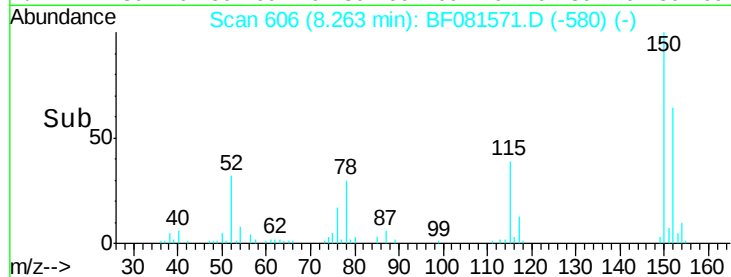
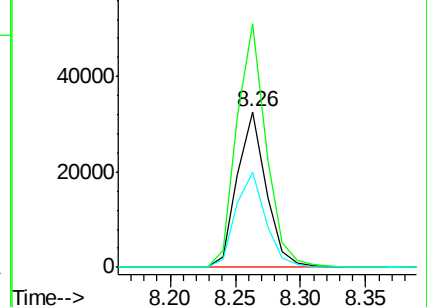
115 61.6 39.0 58.4#



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: 122.36 ng

RT: 5.44 min Scan# 359

Delta R.T. 0.02 min

Lab File: BF081571.D

Acq: 10 Sep 2015 17:14

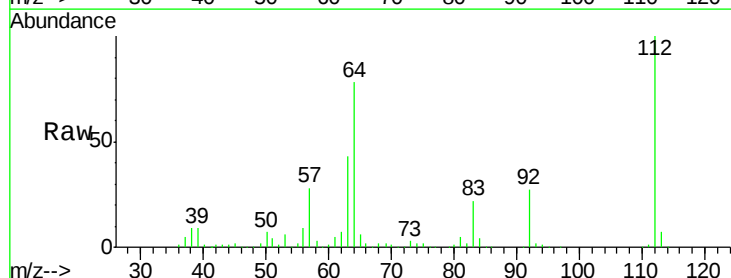
Tgt Ion:112 Resp: 395484

Ion Ratio Lower Upper

112 100

64 78.2 39.7 59.5#

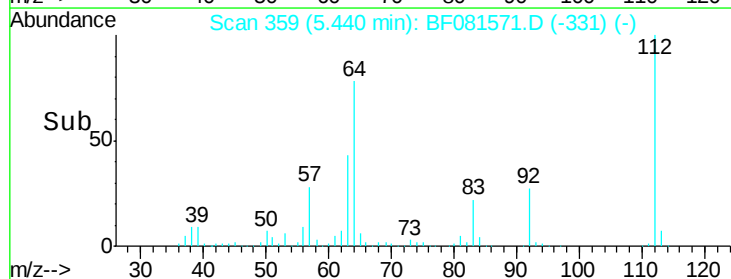
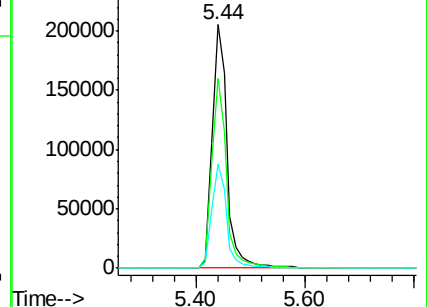
63 42.8 17.4 26.0#

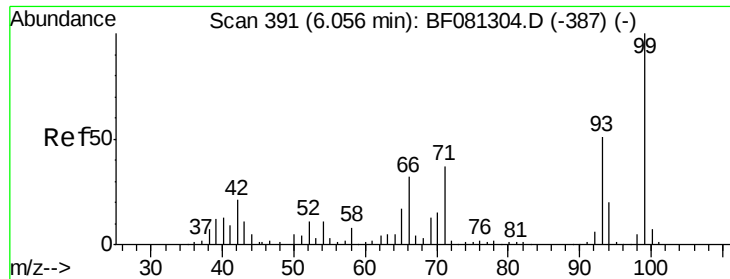


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.98 ng

RT: 7.69 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF081571.D

Acq: 10 Sep 2015 17:14

Instrument :

BNA_F

ClientSampleId :

B3

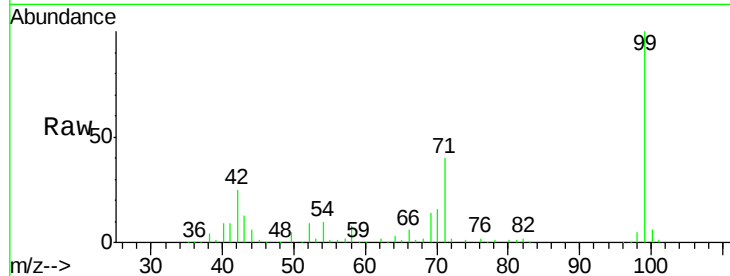
Tgt Ion: 99 Resp: 568960

Ion Ratio Lower Upper

99 100

42 24.9 13.7 20.5#

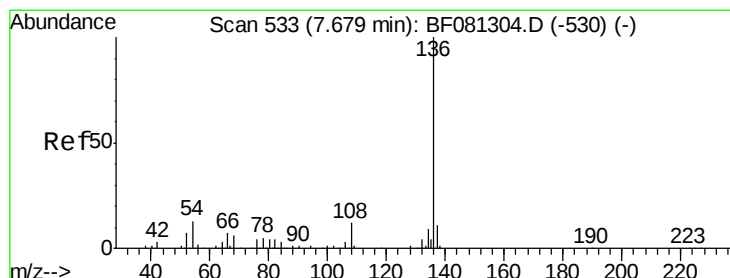
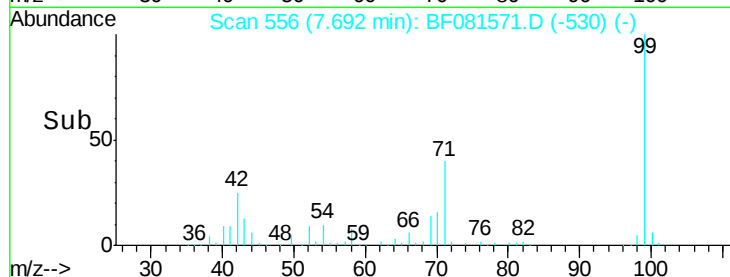
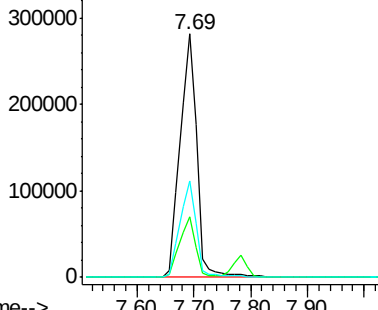
71 39.8 14.2 21.2#



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: 11.15 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF081571.D

Acq: 10 Sep 2015 17:14

Tgt Ion: 136 Resp: 196595

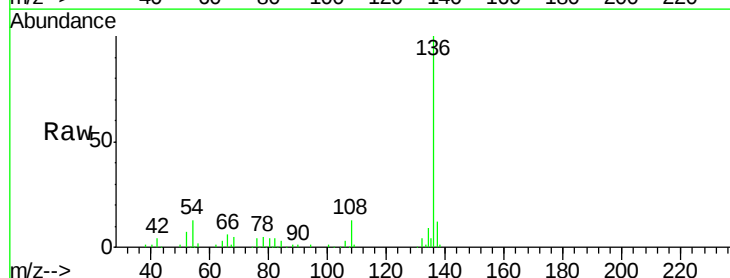
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 13.1 8.2 12.2#

68 5.2 5.8 8.6#

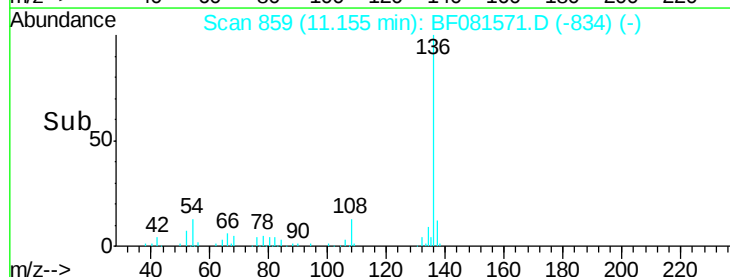
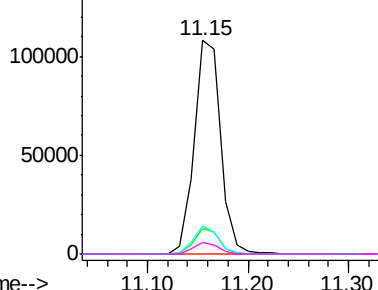


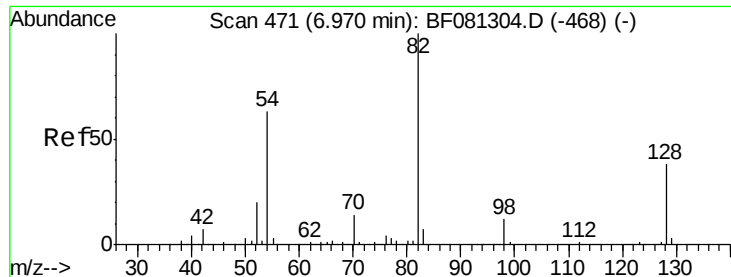
Abundance Ion 136.00 (135.70 to 136.70): E

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

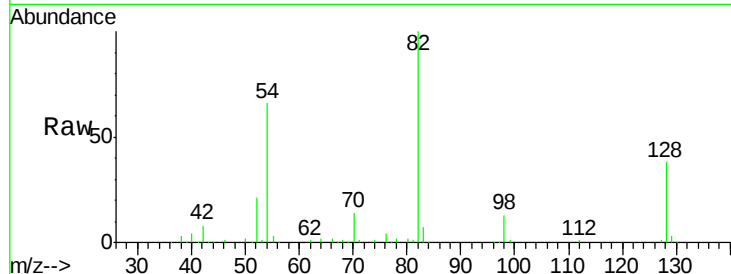




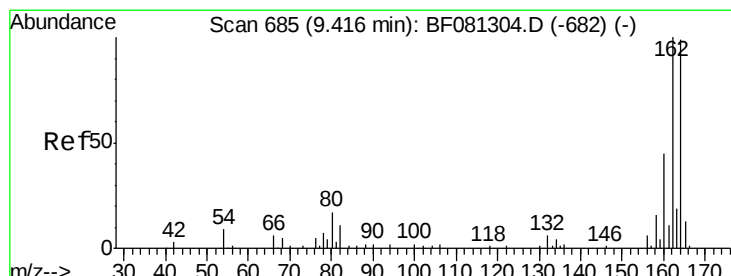
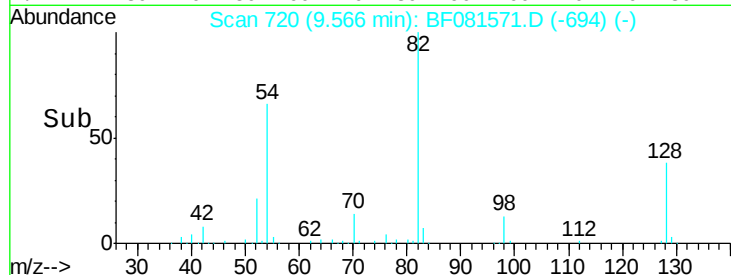
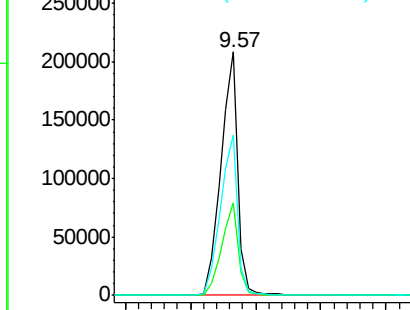
#23
 Nitrobenzene-d5
 Concen: 92.57 ng
 RT: 9.57 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081571.D
 Acq: 10 Sep 2015 17:14

Instrument :
 BNA_F
 ClientSampled :
 B3

Tgt Ion: 82 Resp: 377223
 Ion Ratio Lower Upper
 82 100
 128 38.3 51.0 76.6#
 54 65.8 47.5 71.3

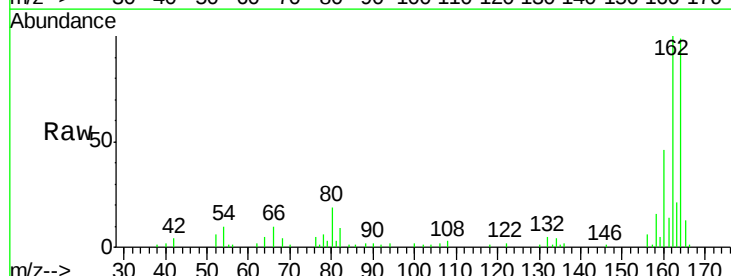


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

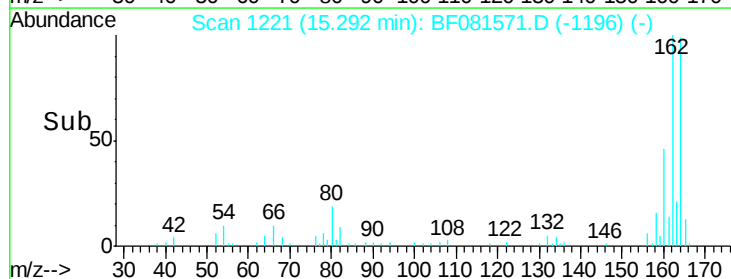
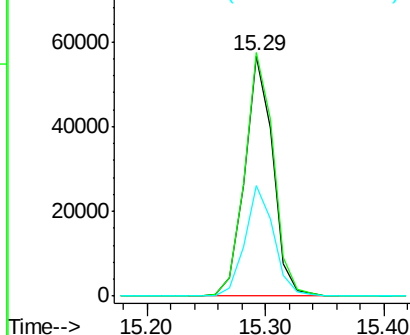


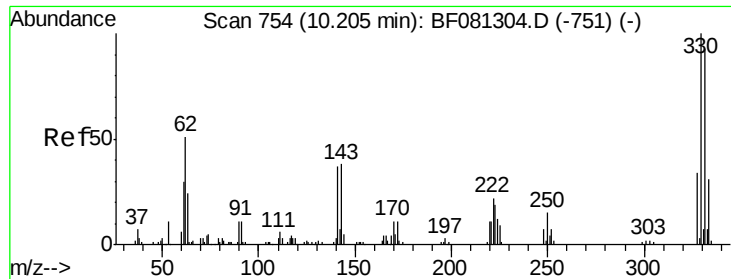
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF081571.D
 Acq: 10 Sep 2015 17:14

Tgt Ion: 164 Resp: 93714
 Ion Ratio Lower Upper
 164 100
 162 101.5 75.2 112.8
 160 46.3 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

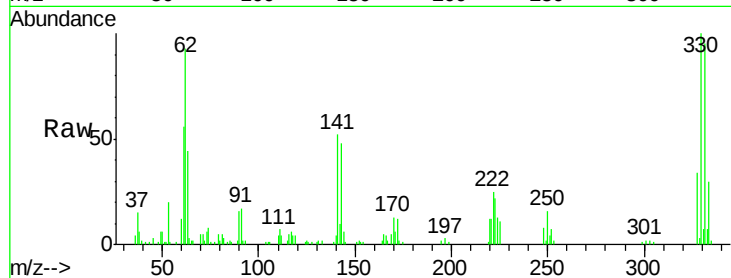




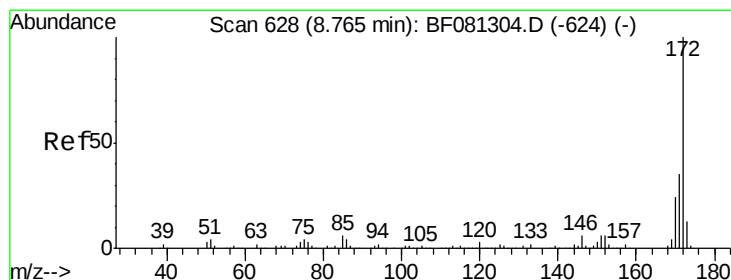
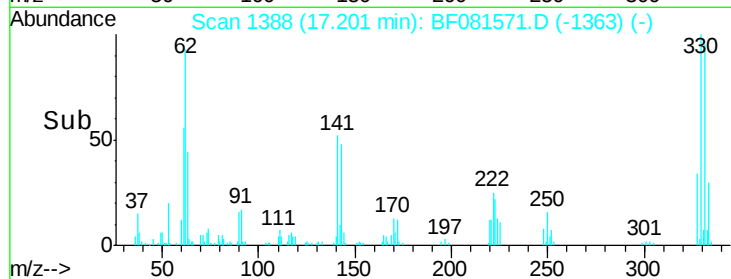
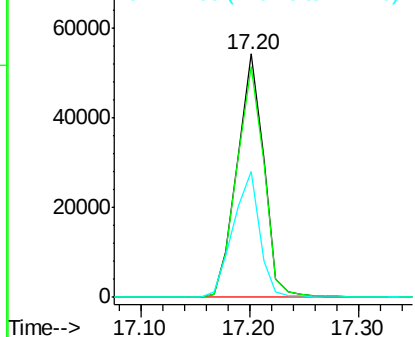
#41
 2,4,6-Tribromophenol
 Concen: 110.50 ng
 RT: 17.20 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF081571.D
 Acq: 10 Sep 2015 17:14

Instrument :
 BNA_F
 ClientSampled :
 B3

Tgt Ion:330 Resp: 92201
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 51.3 29.7 44.5#

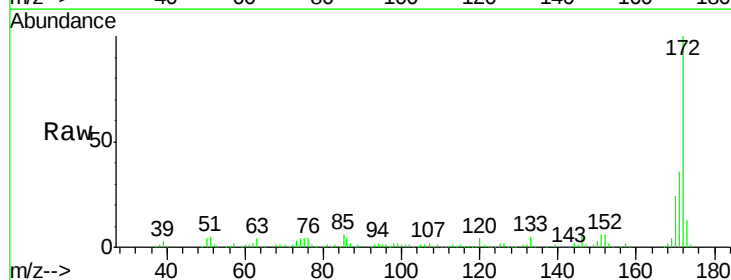


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

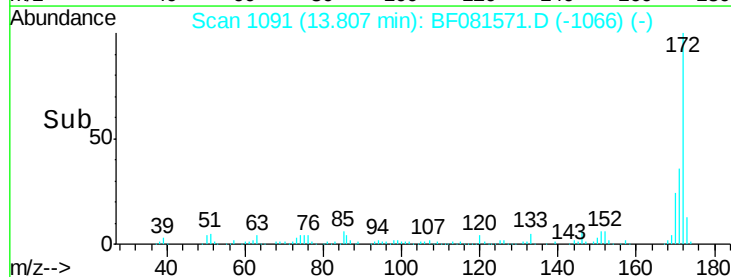
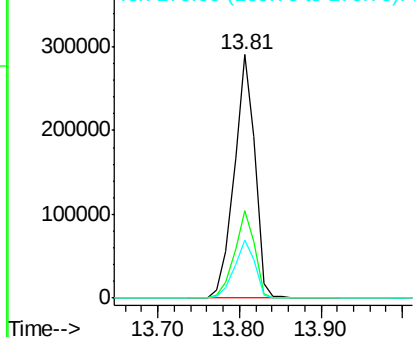


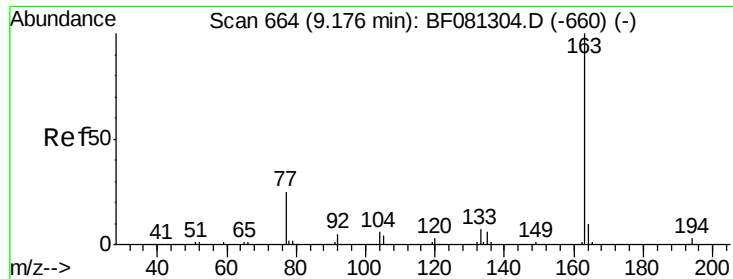
#44
 2-Fluorobiphenyl
 Concen: 69.33 ng
 RT: 13.81 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF081571.D
 Acq: 10 Sep 2015 17:14

Tgt Ion:172 Resp: 507036
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

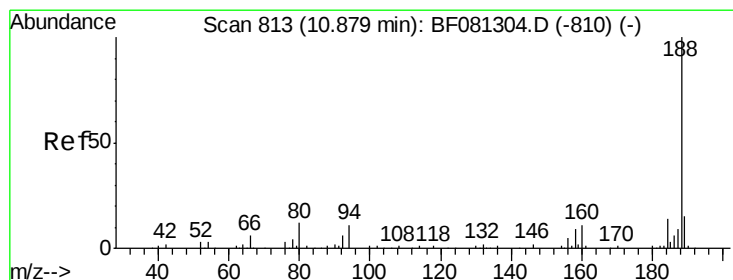
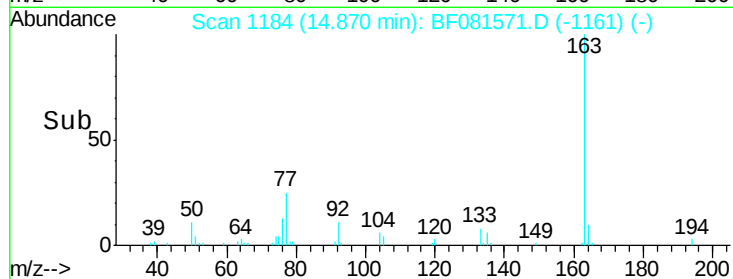
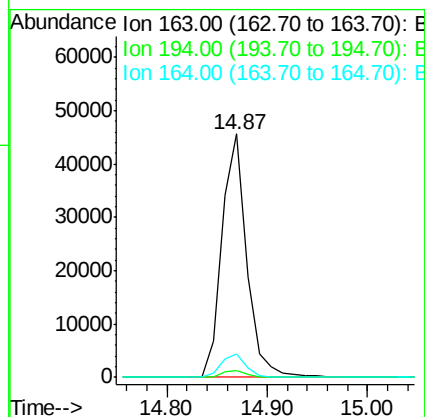
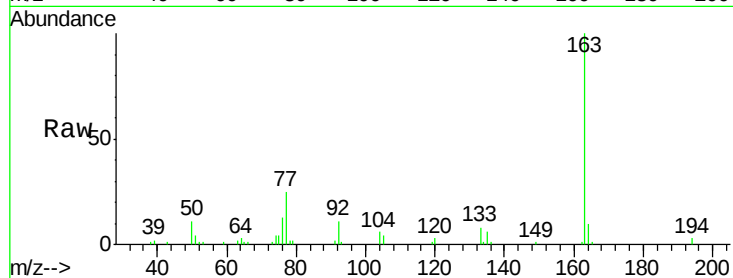




#49
Dimethylphthalate
Concen: 10.74 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

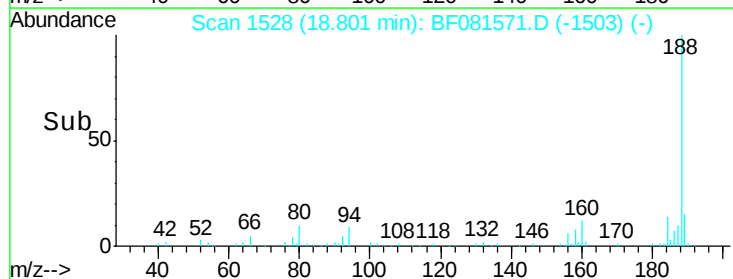
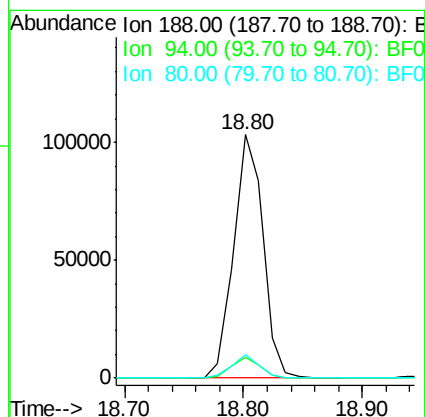
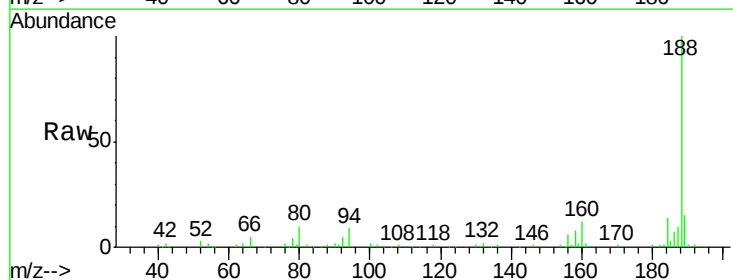
Instrument :
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B3

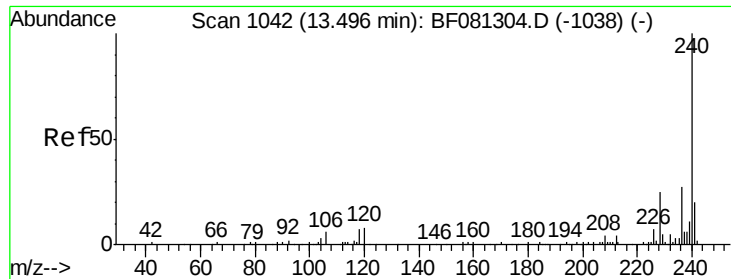
Tgt Ion:163 Resp: 78196
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 9.9 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion:188 Resp: 178300
Ion Ratio Lower Upper
188 100
94 8.6 11.1 16.7#
80 9.7 11.0 16.4#

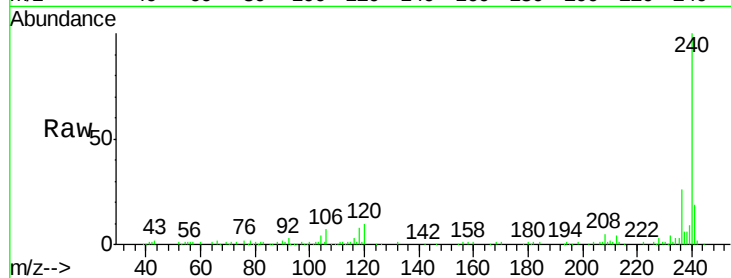




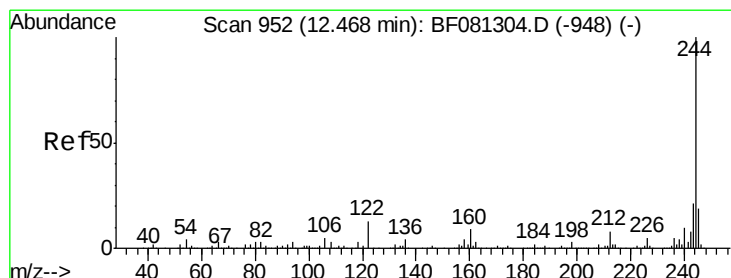
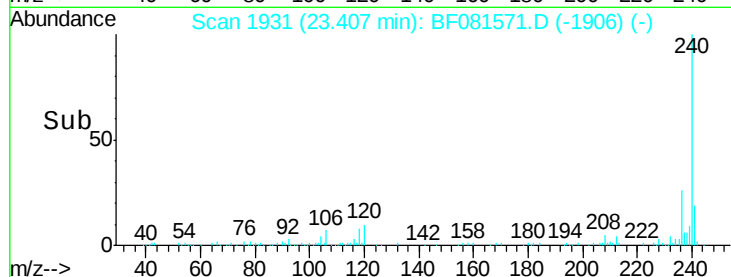
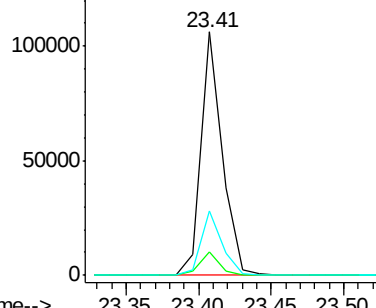
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.41 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF081571.D
 Acq: 10 Sep 2015 17:14

Instrument :
 BNA_F
 ClientSampleId :
 B3

Tgt Ion:240 Resp: 107732
 Ion Ratio Lower Upper
 240 100
 120 9.5 16.2 24.2#
 236 26.2 18.4 27.6

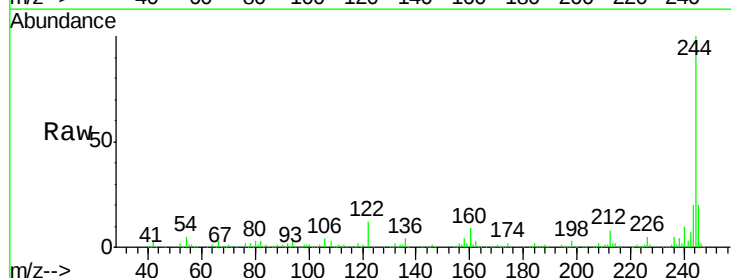


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

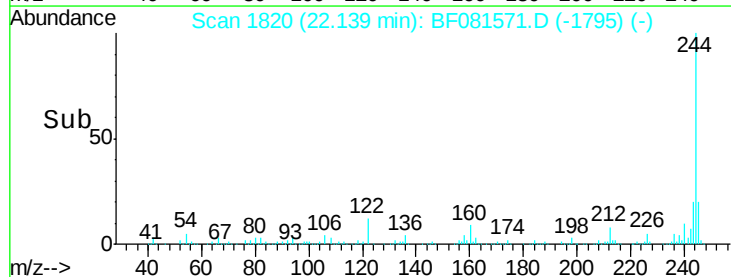
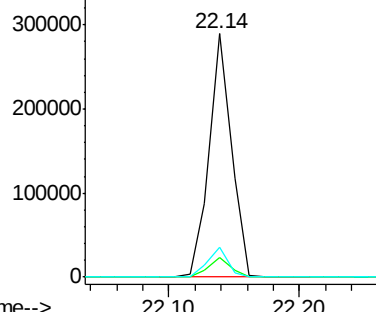


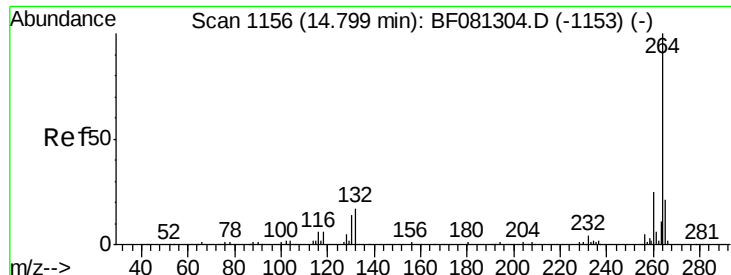
#78
 Terphenyl-d14
 Concen: 74.32 ng
 RT: 22.14 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF081571.D
 Acq: 10 Sep 2015 17:14

Tgt Ion:244 Resp: 343936
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.2 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



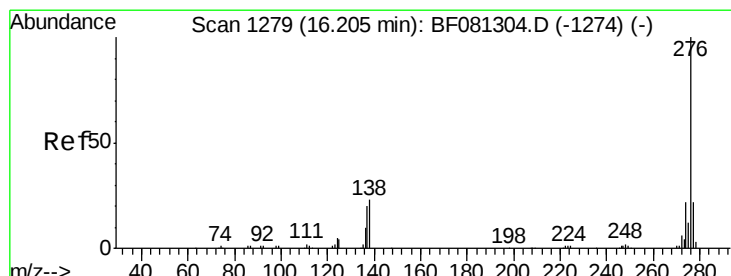
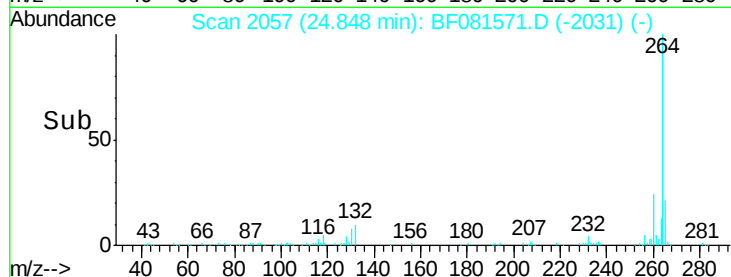
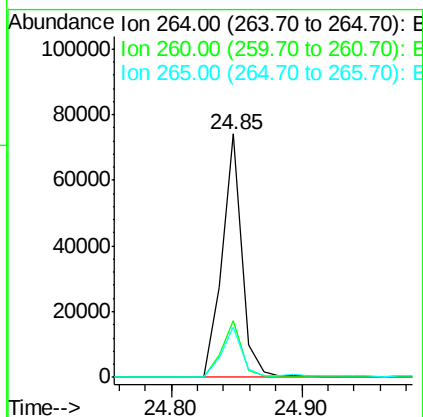
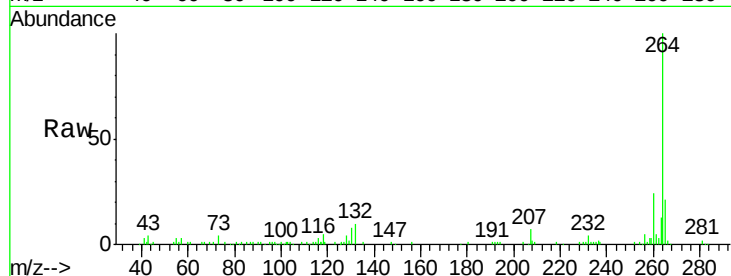


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion: 264 Resp: 78713

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	20.6	17.2	25.8



#91
Benzo(g,h,i)perylene
Concen: 2.20 ng
RT: 26.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF081571.D
Acq: 10 Sep 2015 17:14

Tgt Ion: 276 Resp: 7719

Ion	Ratio	Lower	Upper
276	100		
277	20.8	17.8	26.6
138	24.5	34.6	51.8#

