

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061917\
 Data File : BF096038.D
 Acq On : 20 Jun 2017 10:39
 Operator : SJ/MA
 Sample : I3688-01 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G23-0-1.5

Quant Time: Jun 20 13:56:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

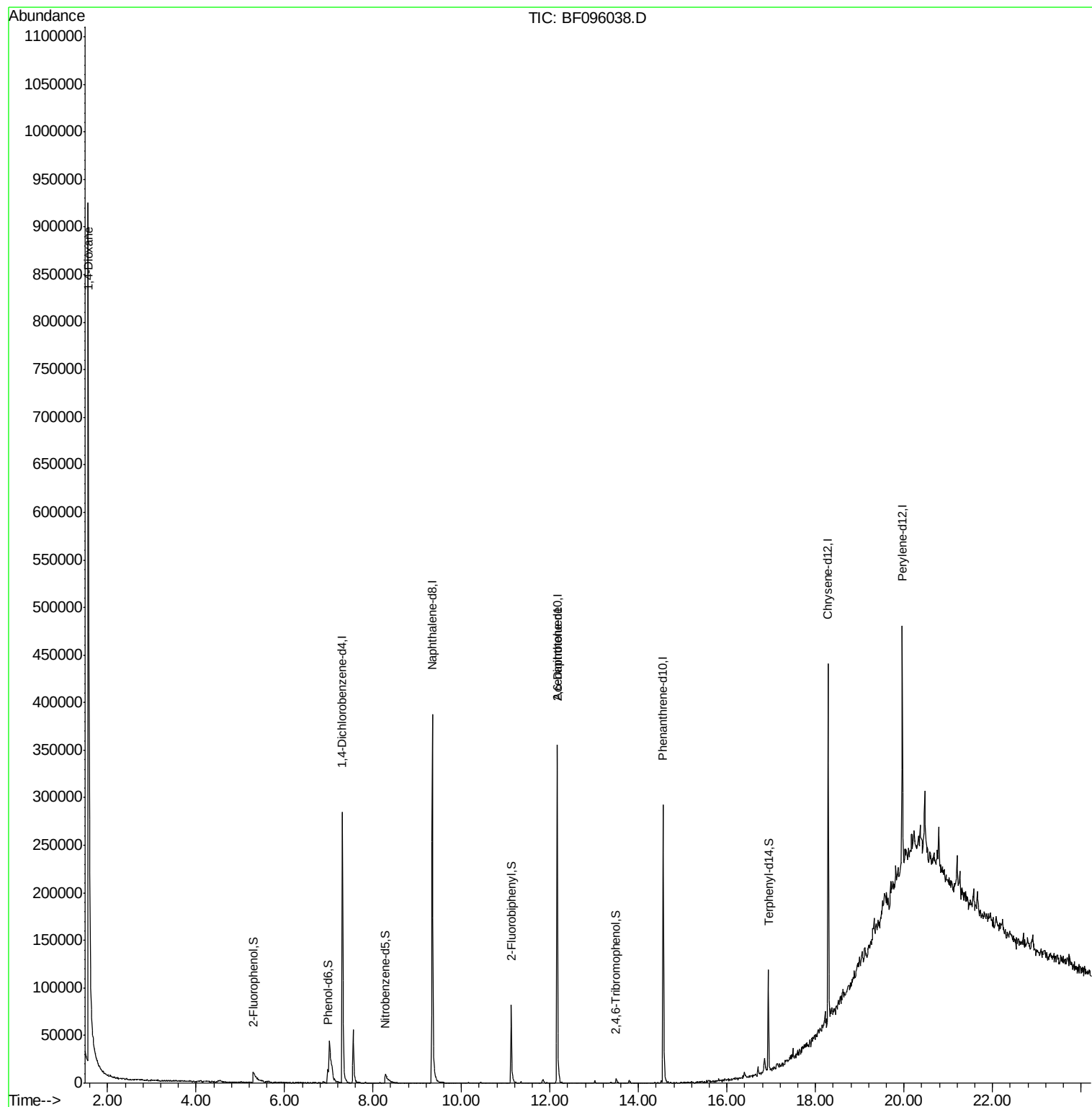
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	78300	20.00	ng	-0.01
21) Naphthalene-d8	9.34	136	294341	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	110732	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	177609	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	154233	20.00	ng	-0.01
86) Perylene-d12	19.96	264	112311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	11694	2.38	ng	0.08
7) Phenol-d6	6.98	99	33144	5.63	ng	0.07
23) Nitrobenzene-d5	8.28	82	16431	3.47	ng	0.03
41) 2,4,6-Tribromophenol	13.49	330	2529	2.58	ng	0.01
44) 2-Fluorobiphenyl	11.12	172	49179	6.18	ng	-0.02
78) Terphenyl-d14	16.93	244	37834	6.09	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	42260	18.078	ng	# 23
50) 2,6-Dinitrotoluene	12.16	165	13586	7.408	ng	# 31

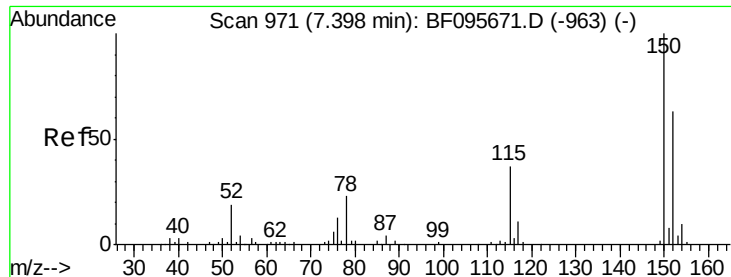
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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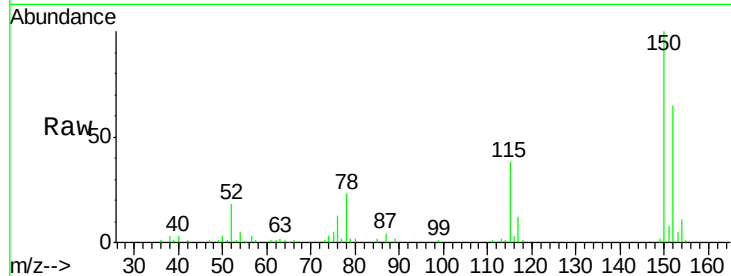


#1

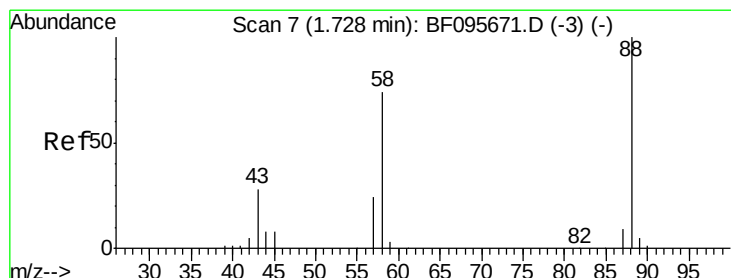
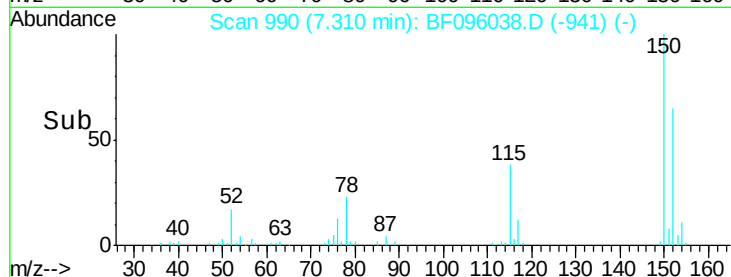
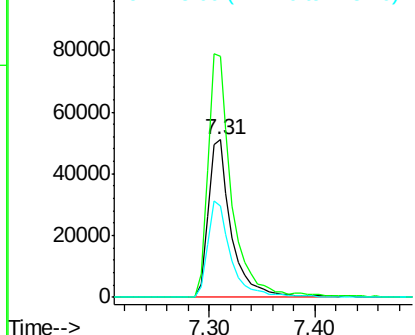
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF096038.D
Acq: 20 Jun 2017 10:39

Instrument :
BNA_F
ClientSampleId :
G23-0-1.5

Tgt Ion:152 Resp: 78300
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 57.7 52.2 78.2



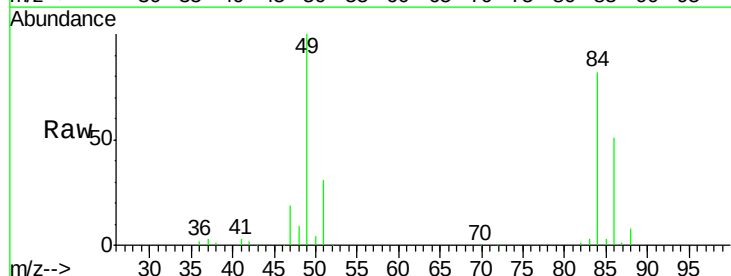
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



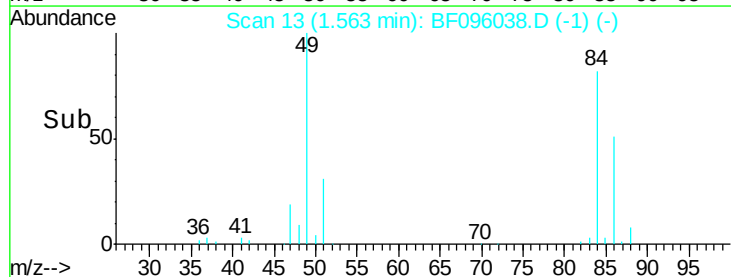
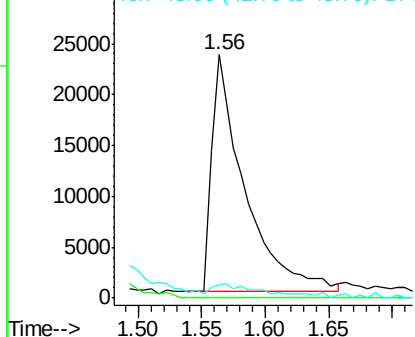
#2

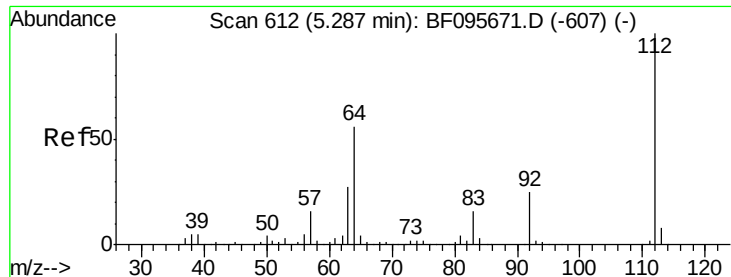
1,4-Dioxane
Concen: 18.078 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.07 min
Lab File: BF096038.D
Acq: 20 Jun 2017 10:39

Tgt Ion: 88 Resp: 42260
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 4.3 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 2.380 ng

RT: 5.29 min Scan# 647

Delta R.T. 0.08 min

Lab File: BF096038.D

Acq: 20 Jun 2017 10:39

Instrument :

BNA_F

ClientSampleId :

G23-0-1.5

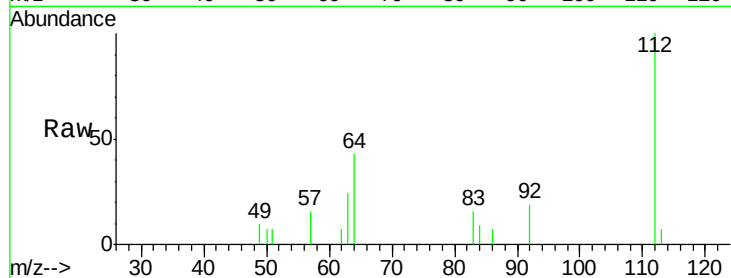
Tgt Ion: 112 Resp: 11694

Ion Ratio Lower Upper

112 100

64 42.9 46.0 69.0#

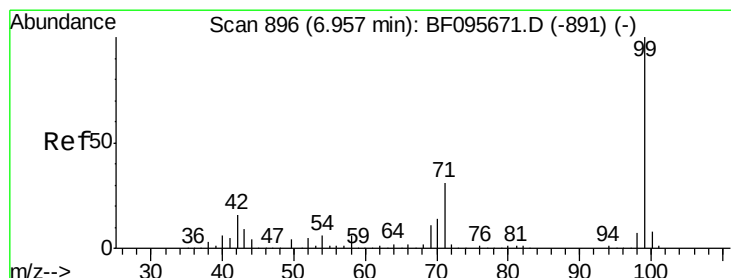
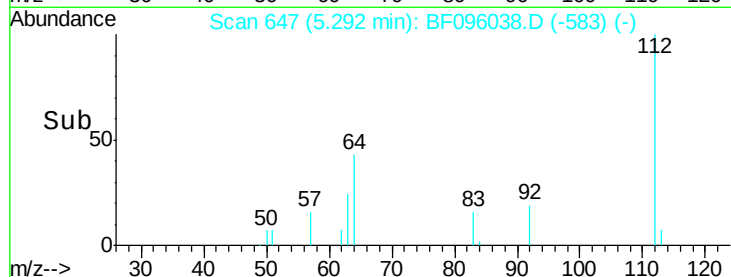
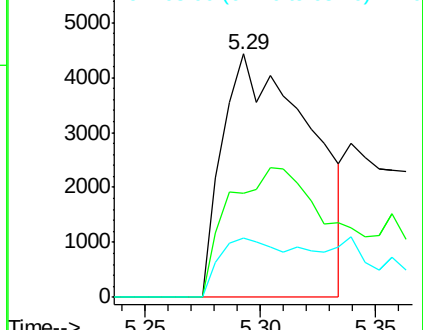
63 24.2 23.4 35.0



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: 5.634 ng

RT: 6.98 min Scan# 934

Delta R.T. 0.07 min

Lab File: BF096038.D

Acq: 20 Jun 2017 10:39

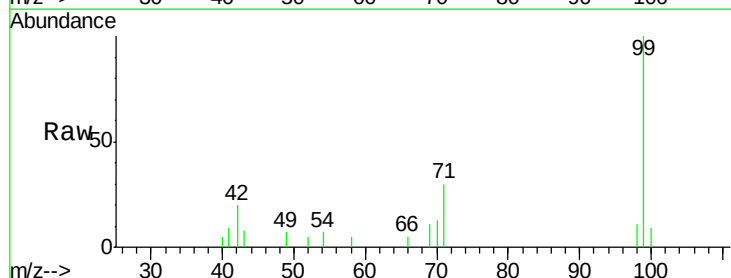
Tgt Ion: 99 Resp: 33144

Ion Ratio Lower Upper

99 100

42 19.8 13.5 20.3

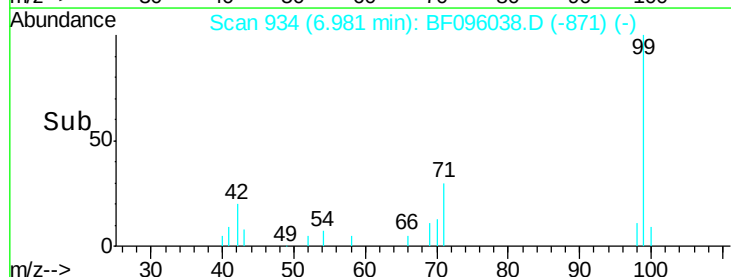
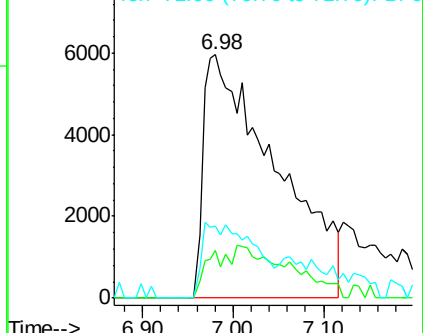
71 29.6 24.5 36.7

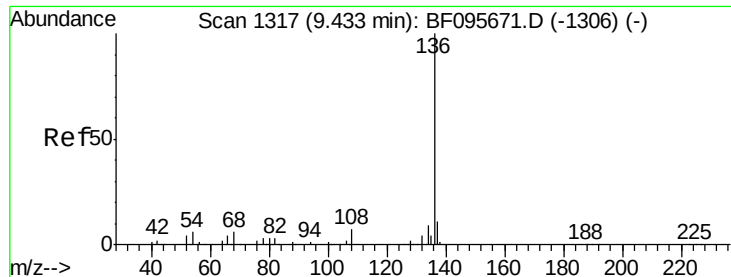


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

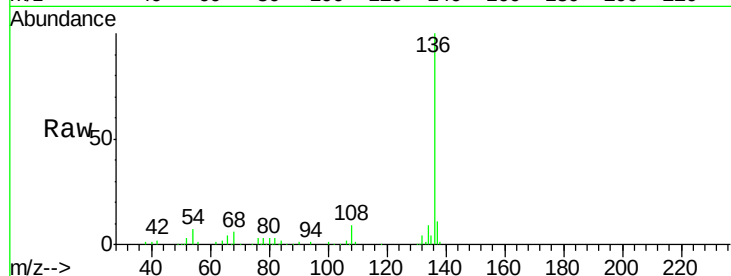




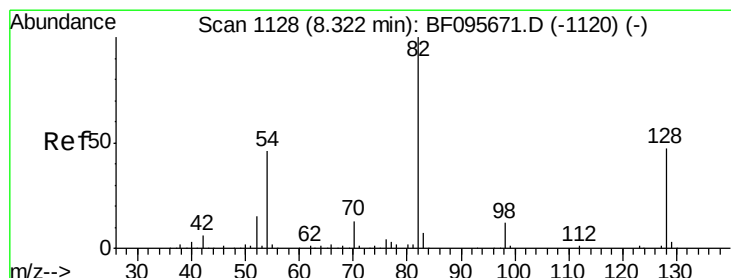
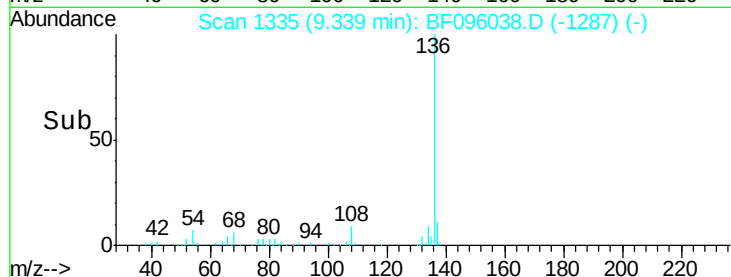
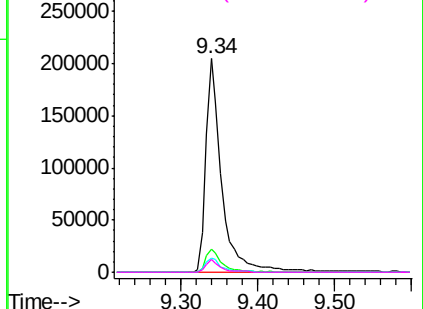
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096038.D
Acq: 20 Jun 2017 10:39

Instrument :
BNA_F
ClientSampleId :
G23-0-1.5

Tgt Ion:	136	Resp:	294341
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.8	4.9	7.3
68	5.7	4.1	6.1

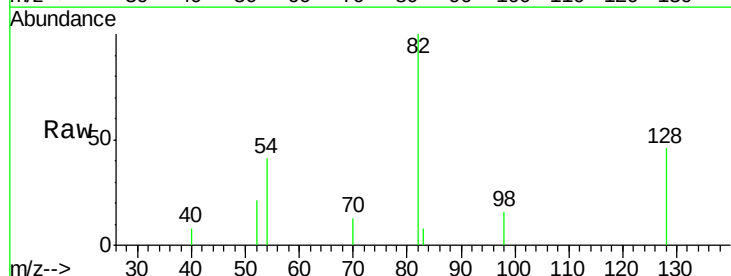


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

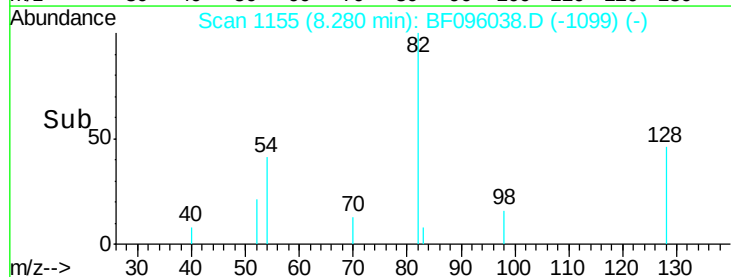
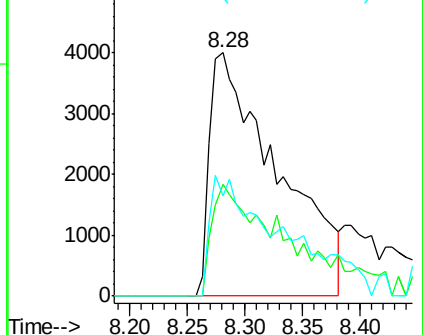


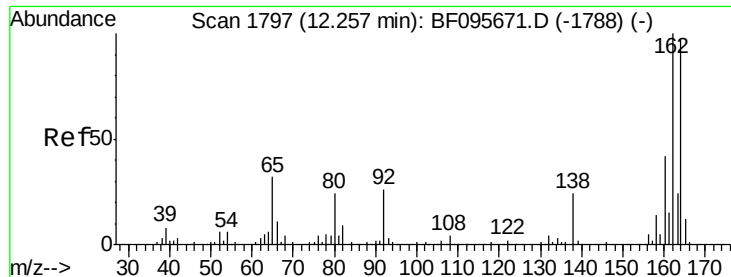
#23
Nitrobenzene-d5
Concen: 3.467 ng
RT: 8.28 min Scan# 1155
Delta R.T. 0.03 min
Lab File: BF096038.D
Acq: 20 Jun 2017 10:39

Tgt Ion:	82	Resp:	16431
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	41.1	42.2	63.2#



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: 20.000 ng

RT: 12.16 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF096038.D

Acq: 20 Jun 2017 10:39

Instrument :

BNA_F

ClientSampleId :

G23-0-1.5

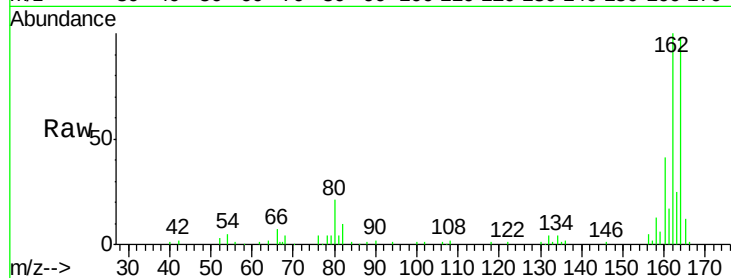
Tgt Ion:164 Resp: 110732

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

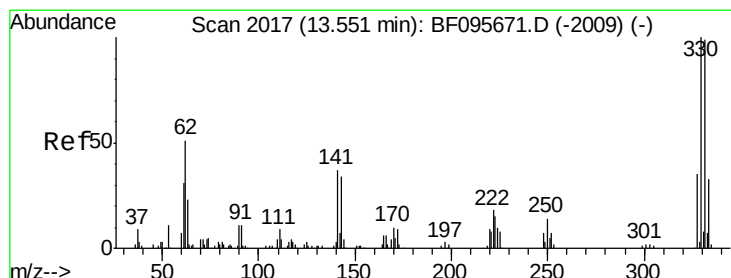
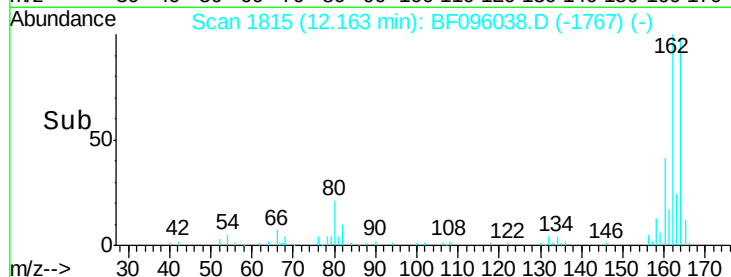
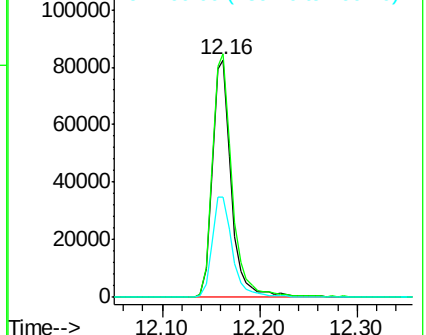
160 42.3 36.2 54.2



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: 2.581 ng

RT: 13.49 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF096038.D

Acq: 20 Jun 2017 10:39

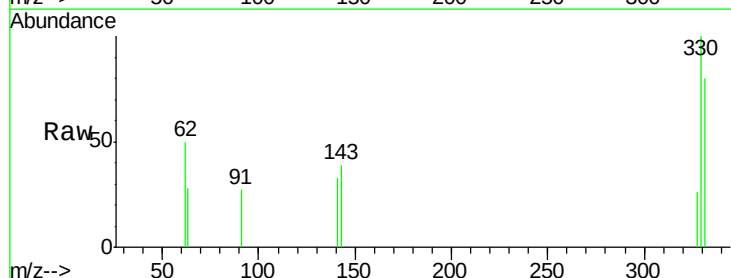
Tgt Ion:330 Resp: 2529

Ion Ratio Lower Upper

330 100

332 79.2 76.6 115.0

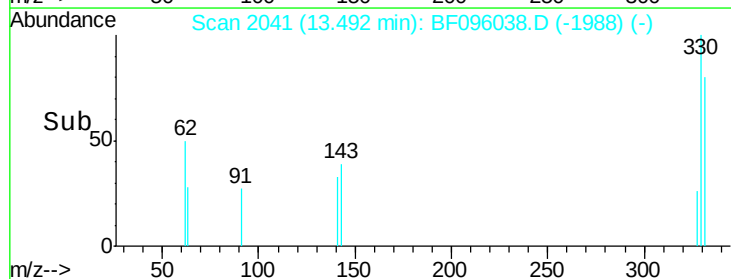
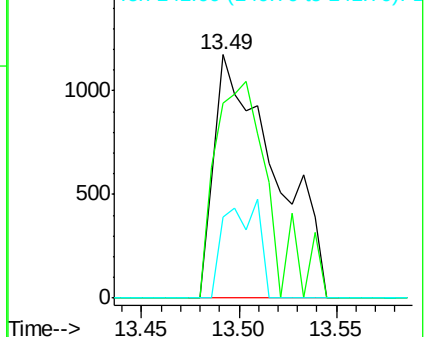
141 22.8 31.4 47.2#

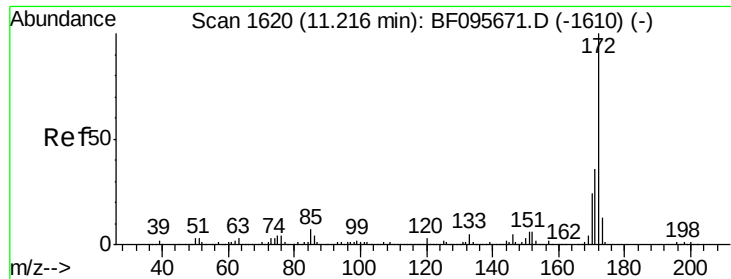


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

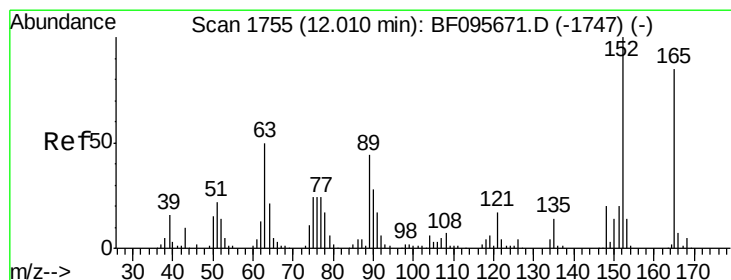
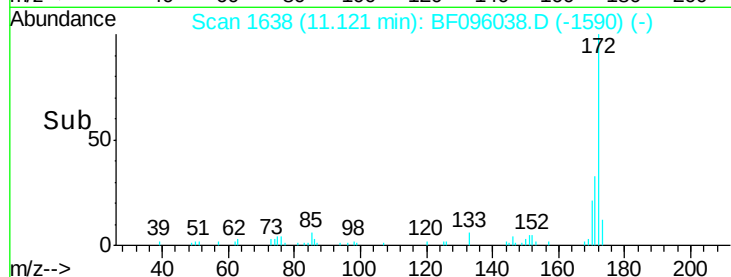
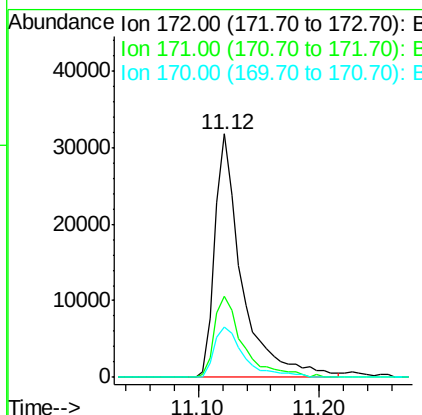
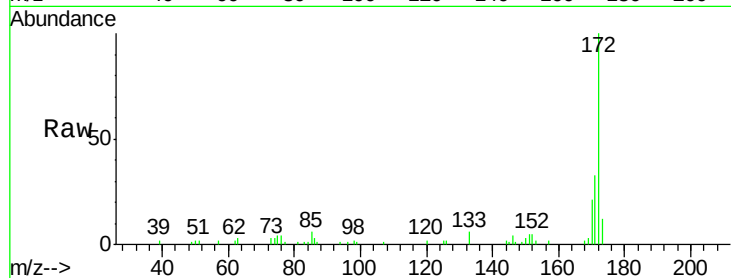




#44
 2-Fluorobiphenyl
 Concen: 6.180 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096038.D
 Acq: 20 Jun 2017 10:39

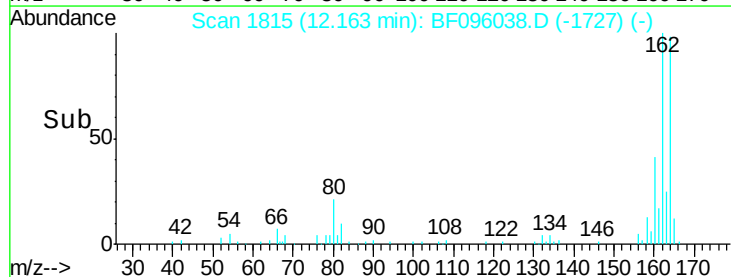
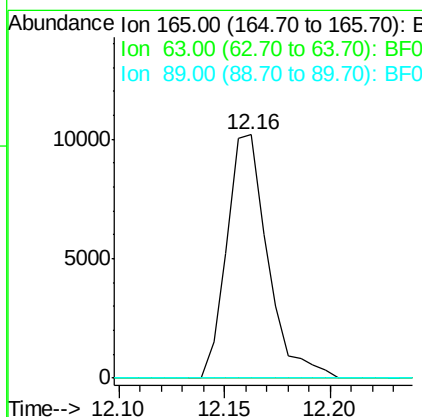
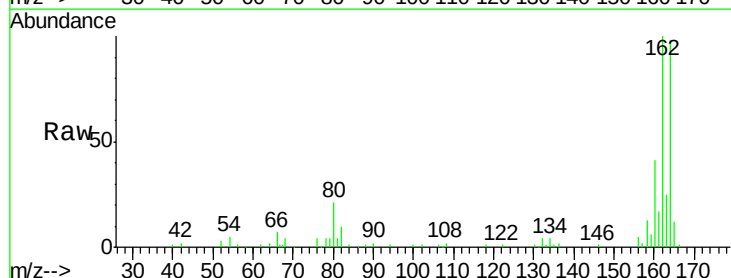
Instrument :
 BNA_F
 ClientSampleId :
 G23-0-1.5

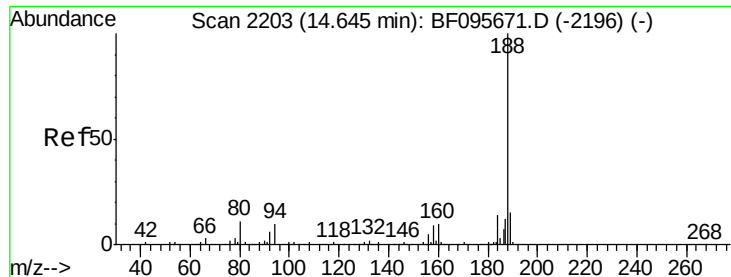
Tgt Ion:172 Resp: 49179
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.6 44.4
 170 20.7 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.408 ng
 RT: 12.16 min Scan# 1815
 Delta R.T. 0.22 min
 Lab File: BF096038.D
 Acq: 20 Jun 2017 10:39

Tgt Ion:165 Resp: 13586
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF096038.D

Acq: 20 Jun 2017 10:39

Instrument :

BNA_F

ClientSampleId :

G23-0-1.5

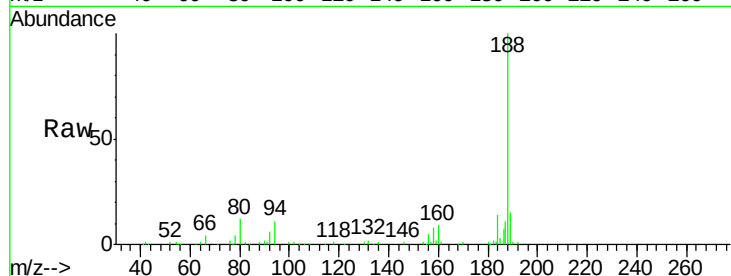
Tgt Ion:188 Resp: 177609

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

80 11.7 10.2 15.2



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

150000

100000

50000

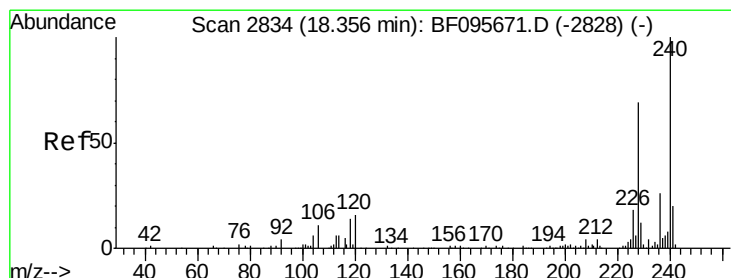
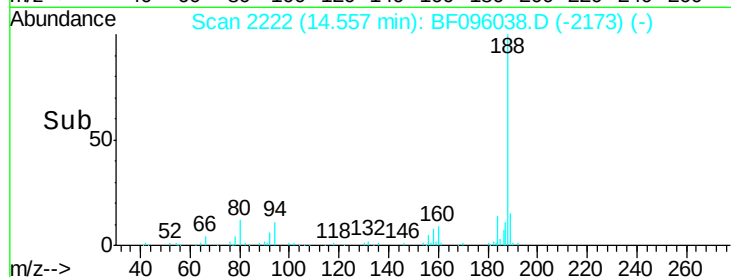
0

14.56

14.50

14.60

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF096038.D

Acq: 20 Jun 2017 10:39

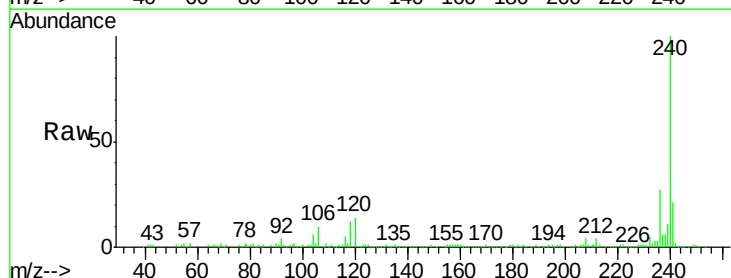
Tgt Ion:240 Resp: 154233

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

236 26.6 20.5 30.7



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

150000

100000

50000

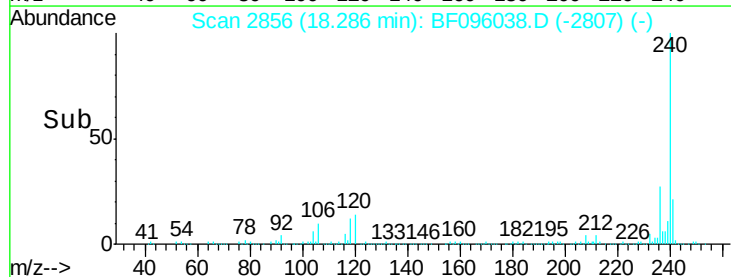
0

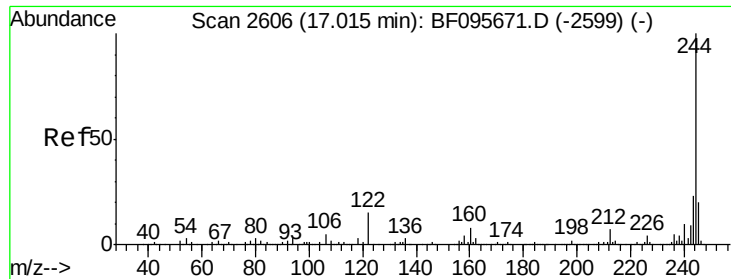
18.29

18.20

18.35

Time-->

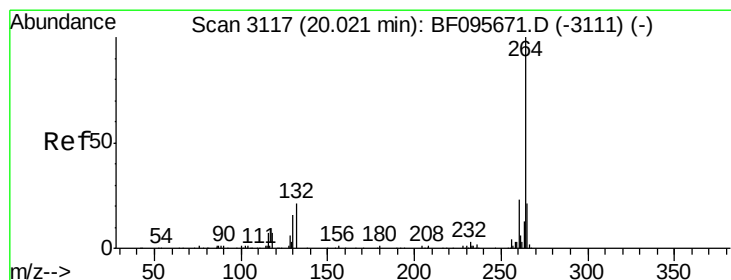
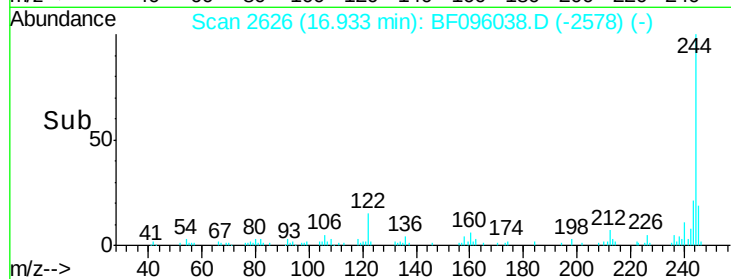
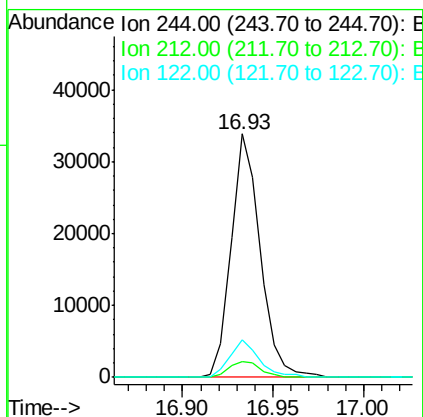
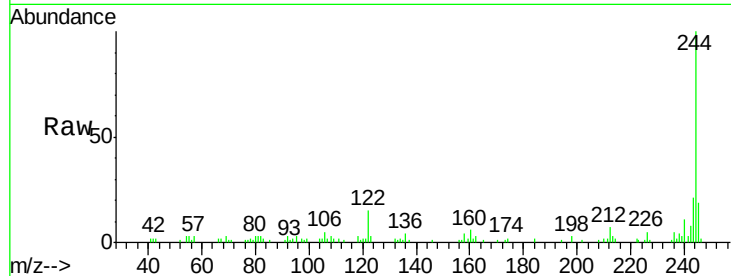




#78
 Terphenyl-d14
 Concen: 6.088 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096038.D
 Acq: 20 Jun 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :
 G23-0-1.5

Tgt Ion:244 Resp: 37834
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 15.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.96 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BF096038.D
 Acq: 20 Jun 2017 10:39

Tgt Ion:264 Resp: 112311
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.0 17.2 25.8

