

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061917\
 Data File : BF096035.D
 Acq On : 20 Jun 2017 9:02
 Operator : SJ/MA
 Sample : I3688-05 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G20-0-1.5

Quant Time: Jun 20 13:39:56 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

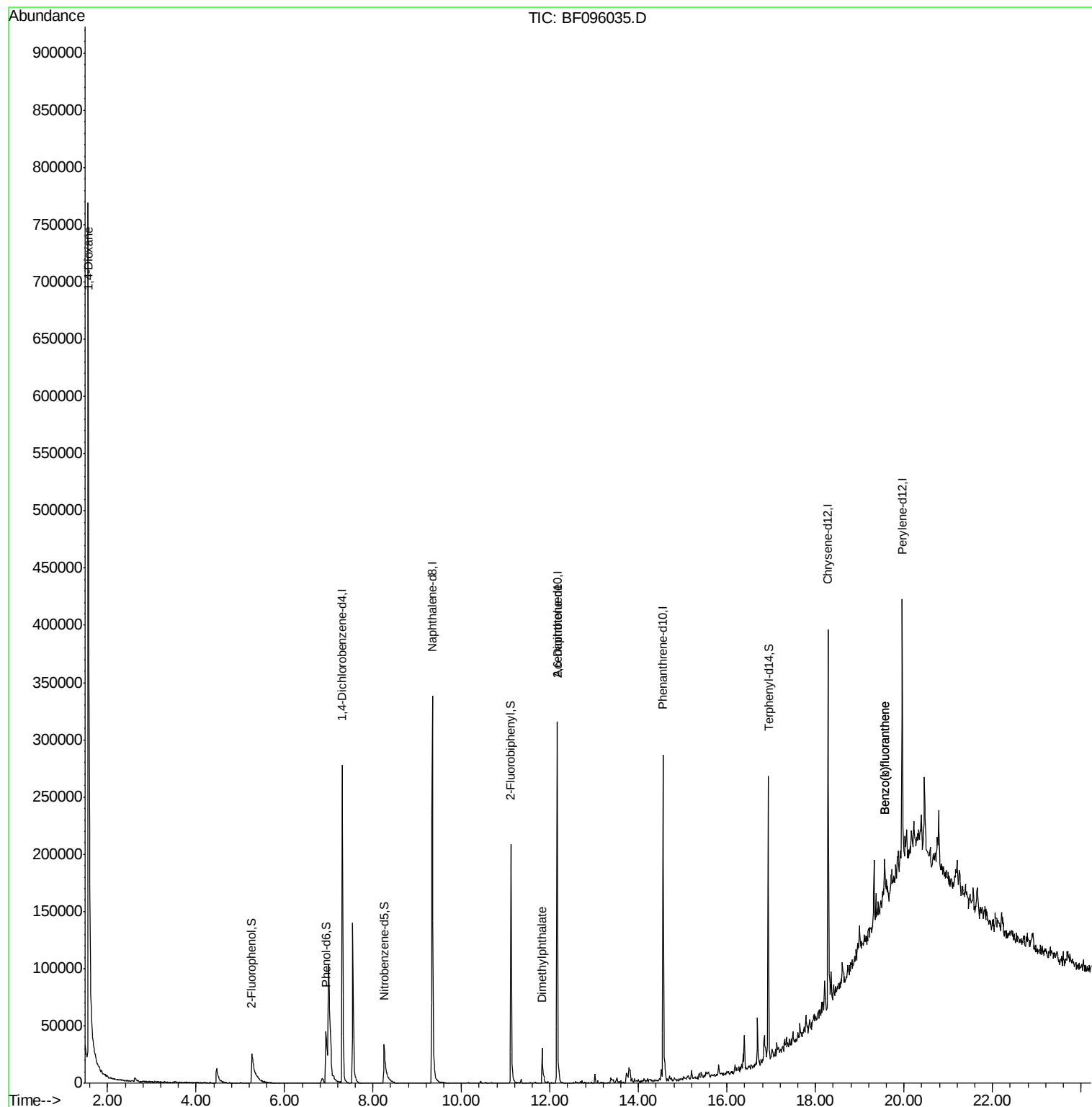
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	67698	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	258315	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	96960	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	162809	20.00	ng	-0.02
75) Chrysene-d12	18.29	240	138563	20.00	ng	-0.01
86) Perylene-d12	19.96	264	98692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	37930	8.93	ng	0.05
7) Phenol-d6	6.94	99	83403	16.40	ng	0.03
23) Nitrobenzene-d5	8.25	82	44649	10.73	ng	0.00
41) 2,4,6-Tribromophenol	13.51	330	1154	1.35	ng	0.03
44) 2-Fluorobiphenyl	11.12	172	111024	15.93	ng	-0.02
78) Terphenyl-d14	16.93	244	85095	15.24	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	37893	18.749	ng	# 24
49) Dimethylphthalate	11.82	163	28808	3.913	ng	# 97
50) 2,6-Dinitrotoluene	12.16	165	11881	7.399	ng	# 31
87) Benzo(b)fluoranthene	19.56	252	17678	2.861	ng	# 78
88) Benzo(k)fluoranthene	19.56	252	17678	2.993	ng	# 82

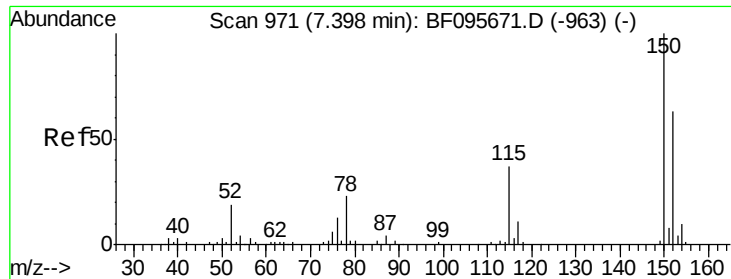
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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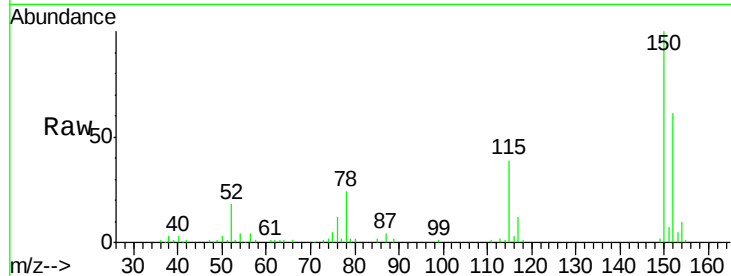




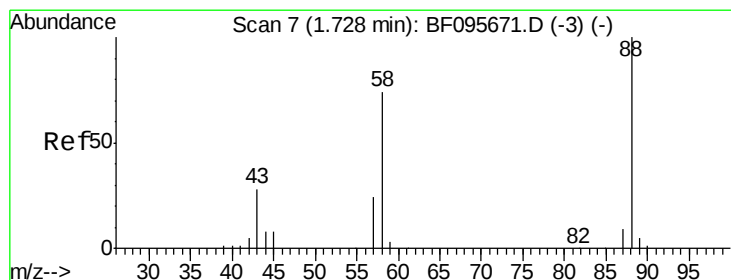
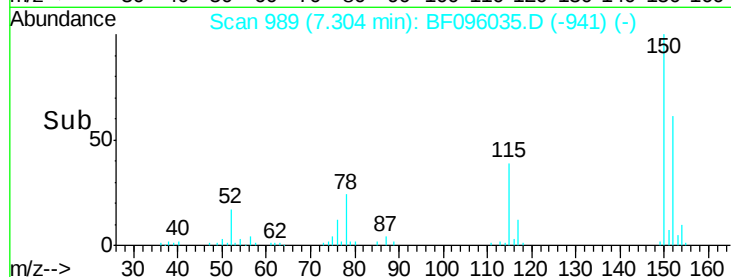
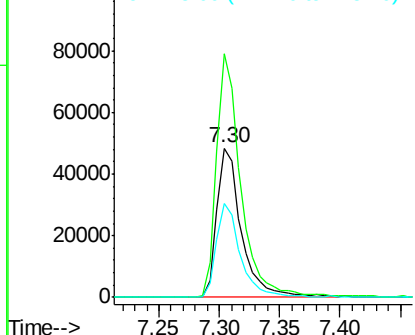
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.30 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF096035.D
 Acq: 20 Jun 2017 9:02

Instrument :
 BNA_F
 ClientSampleId :
 G20-0-1.5

Tgt Ion:152 Resp: 67698
 Ion Ratio Lower Upper
 152 100
 150 163.5 126.2 189.2
 115 63.3 52.2 78.2

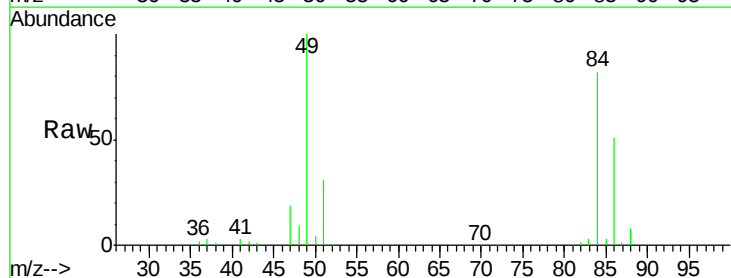


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

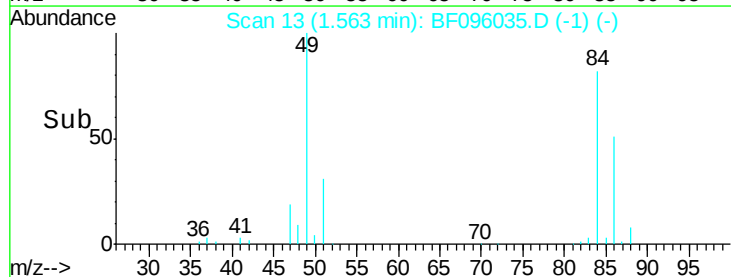
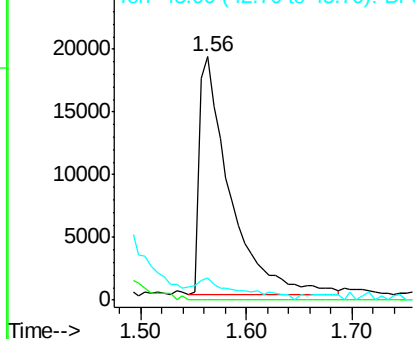


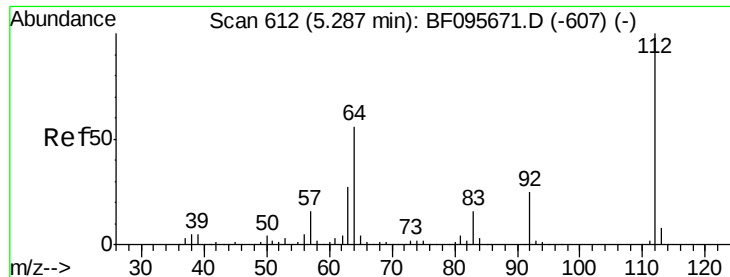
#2
 1,4-Dioxane
 Concen: 18.749 ng
 RT: 1.56 min Scan# 13
 Delta R.T. -0.07 min
 Lab File: BF096035.D
 Acq: 20 Jun 2017 9:02

Tgt Ion: 88 Resp: 37893
 Ion Ratio Lower Upper
 88 100
 58 0.0 61.4 92.0#
 43 6.0 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: 8.928 ng

RT: 5.26 min Scan# 642

Delta R.T. 0.05 min

Lab File: BF096035.D

Acq: 20 Jun 2017 9:02

Instrument :

BNA_F

ClientSampleId :

G20-0-1.5

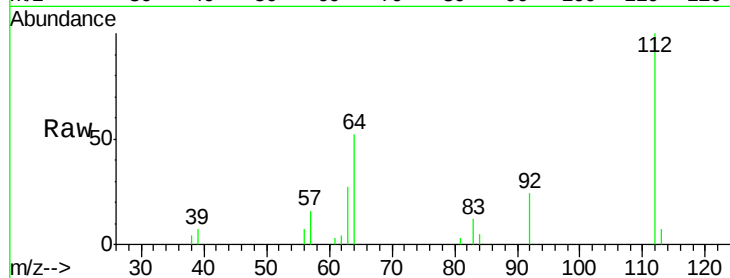
Tgt Ion: 112 Resp: 37930

Ion Ratio Lower Upper

112 100

64 51.9 46.0 69.0

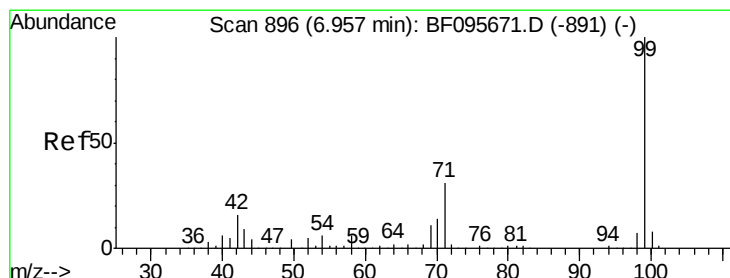
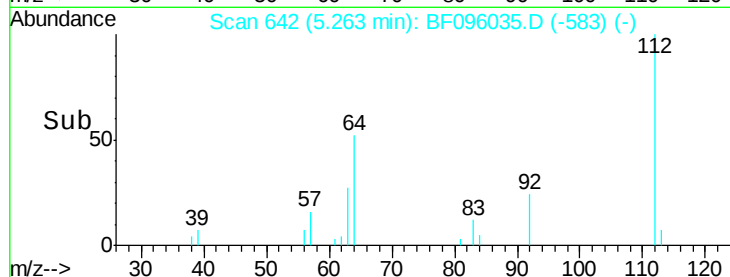
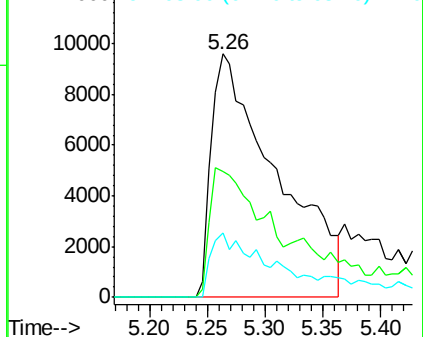
63 26.6 23.4 35.0



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: 16.398 ng

RT: 6.94 min Scan# 927

Delta R.T. 0.03 min

Lab File: BF096035.D

Acq: 20 Jun 2017 9:02

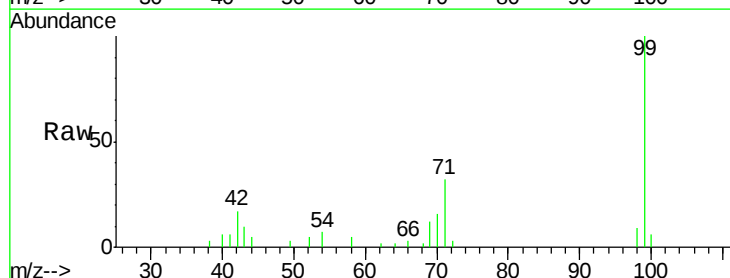
Tgt Ion: 99 Resp: 83403

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

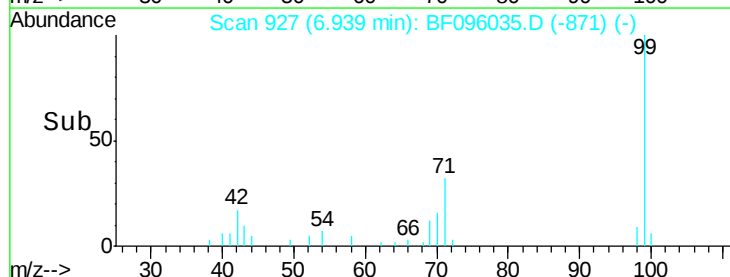
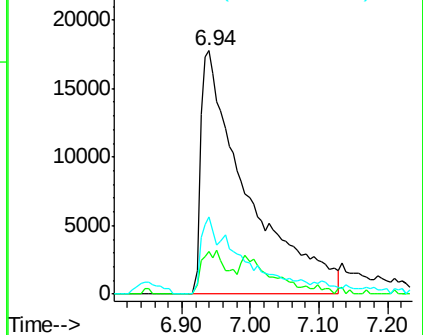
71 31.9 24.5 36.7

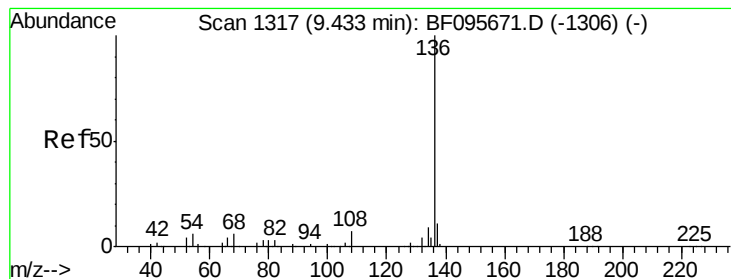


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: BF096035.D

Acq: 20 Jun 2017 9:02

Instrument :

BNA_F

ClientSampleId :

G20-0-1.5

Tgt Ion: 136 Resp: 258315

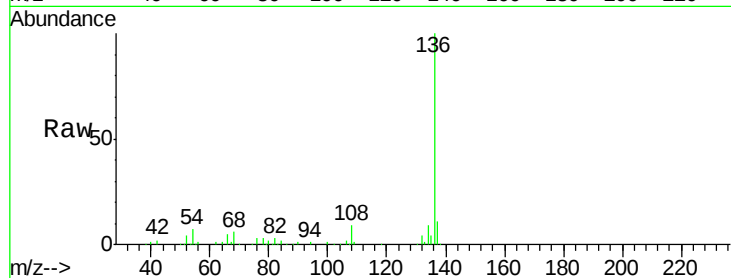
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.7 4.9 7.3

68 5.8 4.1 6.1

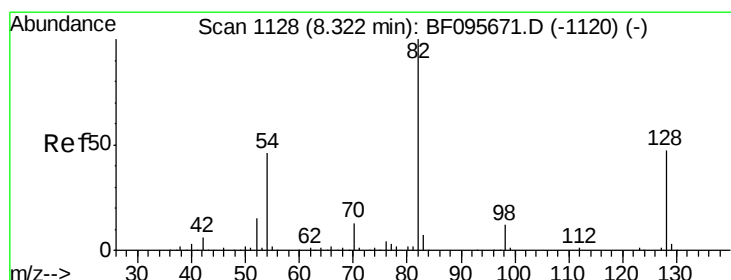
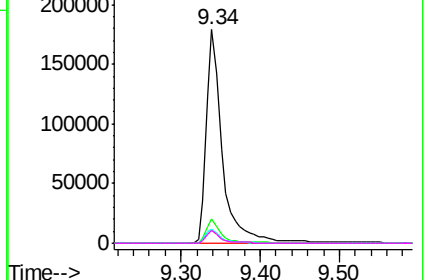
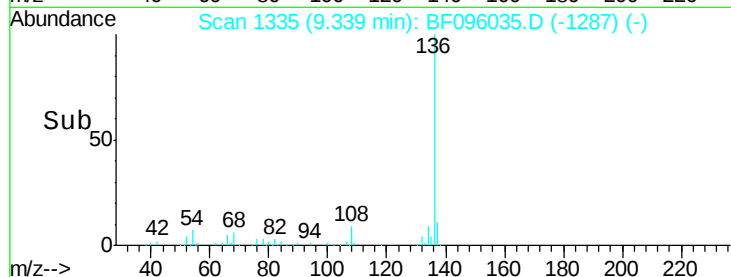


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.735 ng

RT: 8.25 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF096035.D

Acq: 20 Jun 2017 9:02

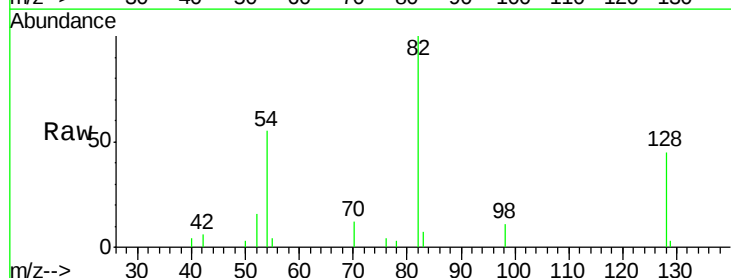
Tgt Ion: 82 Resp: 44649

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

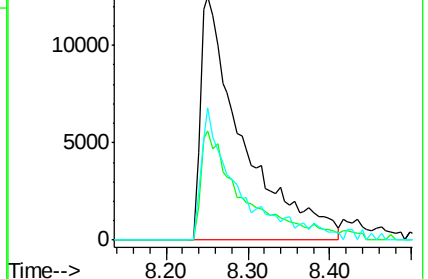
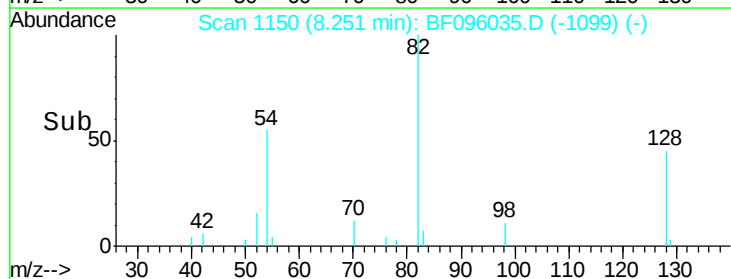
54 54.6 42.2 63.2

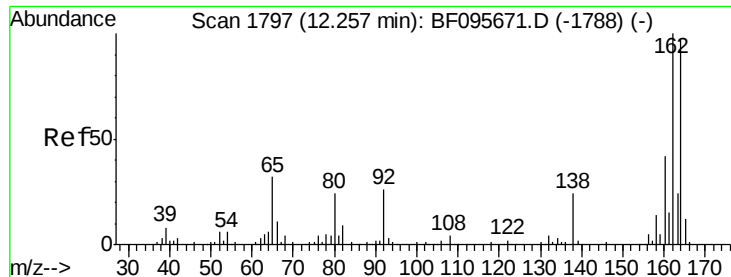


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 1814

Delta R.T. -0.02 min

Lab File: BF096035.D

Acq: 20 Jun 2017 9:02

Instrument :

BNA_F

ClientSampleId :

G20-0-1.5

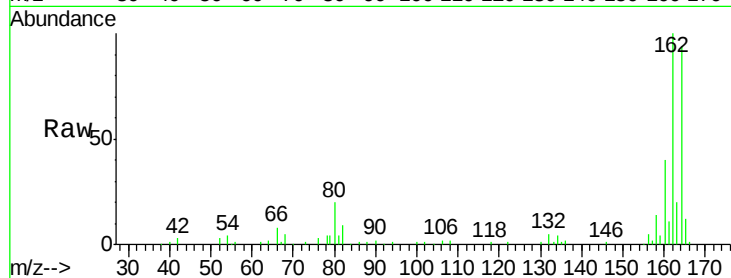
Tgt Ion:164 Resp: 96960

Ion Ratio Lower Upper

164 100

162 106.3 82.6 123.8

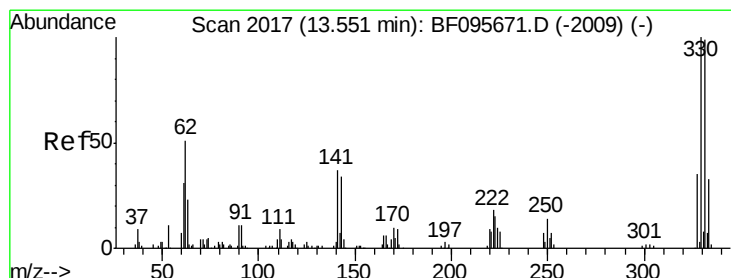
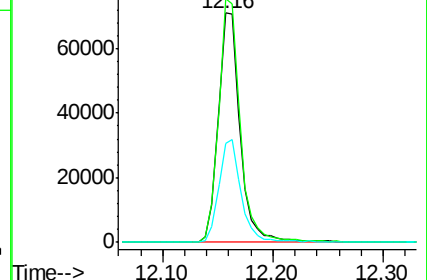
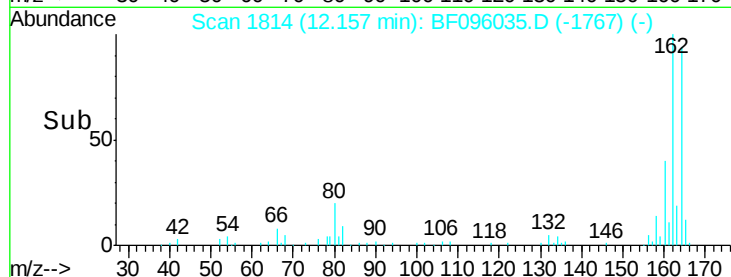
160 43.0 36.2 54.2



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: 1.345 ng

RT: 13.51 min Scan# 2044

Delta R.T. 0.03 min

Lab File: BF096035.D

Acq: 20 Jun 2017 9:02

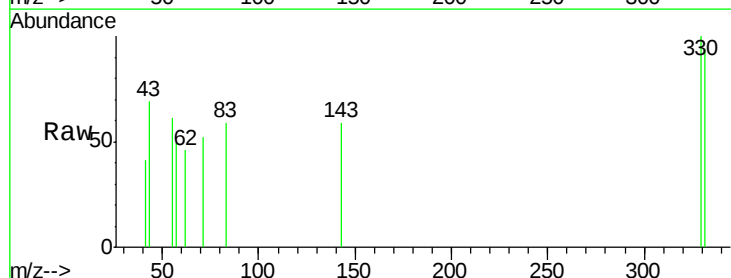
Tgt Ion:330 Resp: 1154

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

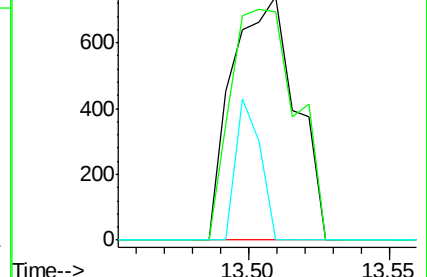
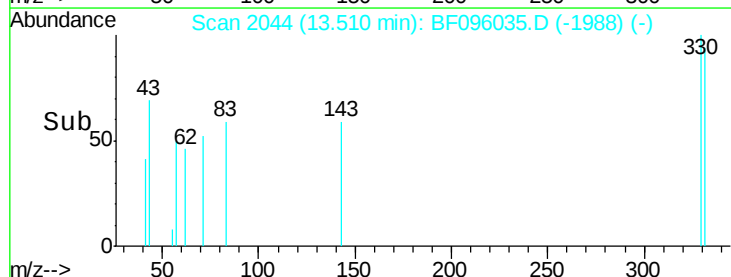
141 22.3 31.4 47.2#

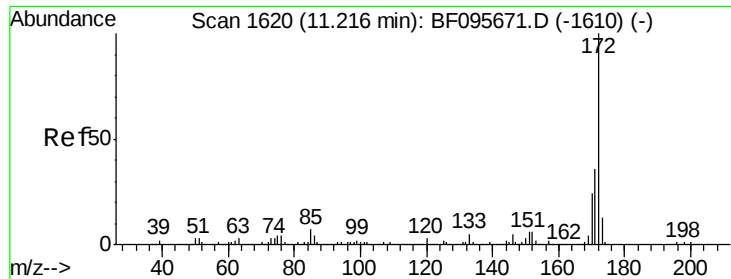


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

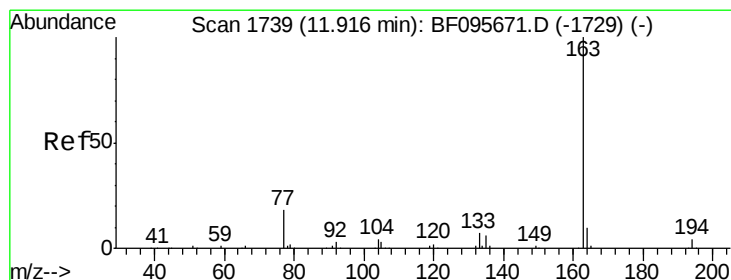
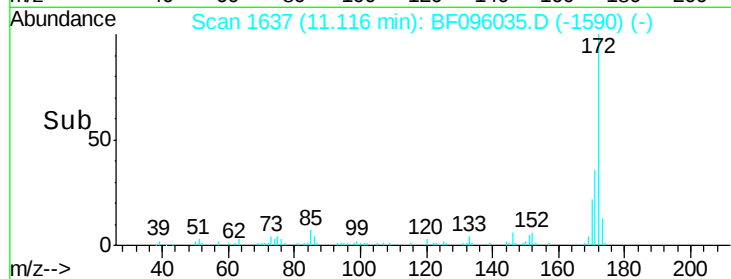
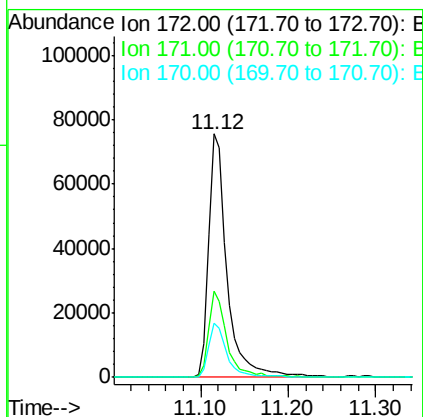
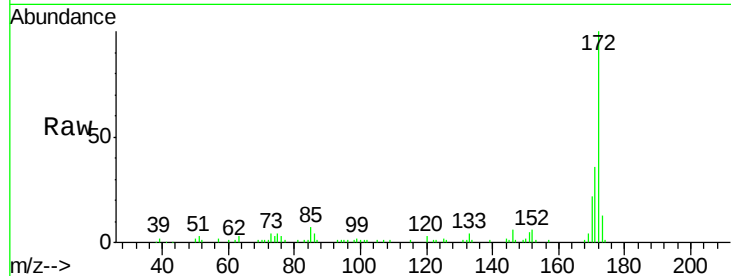




#44
2-Fluorobiphenyl
Concen: 15.934 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096035.D
Acq: 20 Jun 2017 9:02

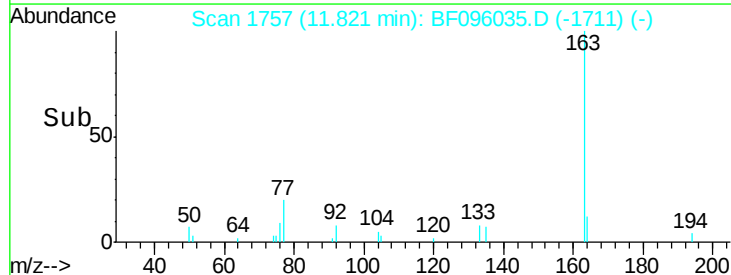
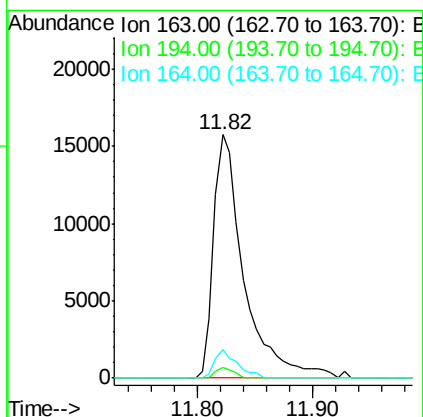
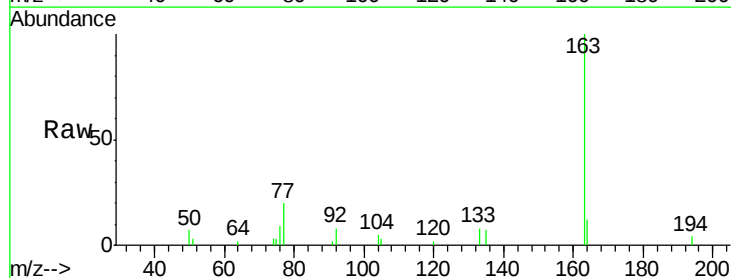
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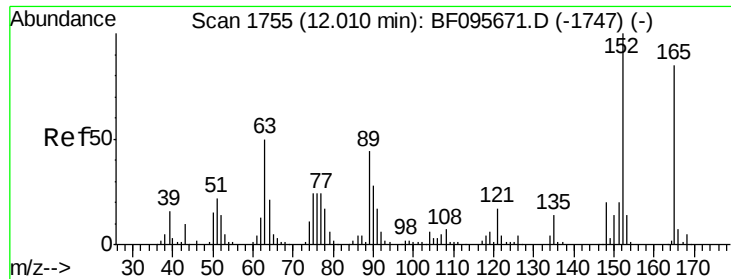
Tgt Ion:172 Resp: 111024
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 22.2 19.8 29.8



#49
Dimethylphthalate
Concen: 3.913 ng
RT: 11.82 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BF096035.D
Acq: 20 Jun 2017 9:02

Tgt Ion:163 Resp: 28808
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 11.6 8.4 12.6

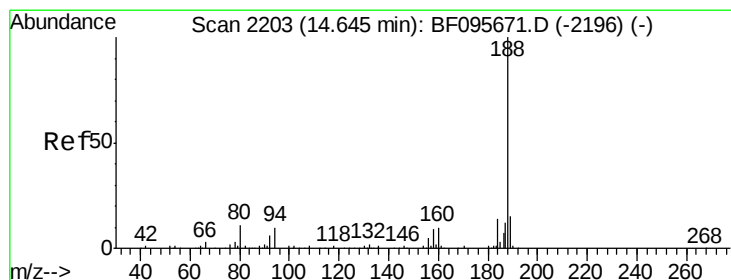
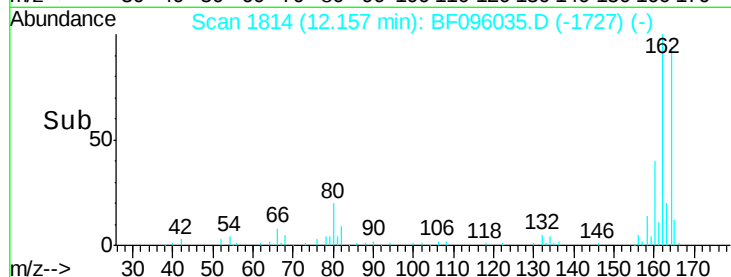
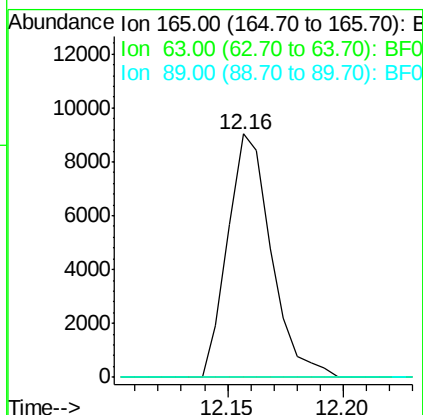
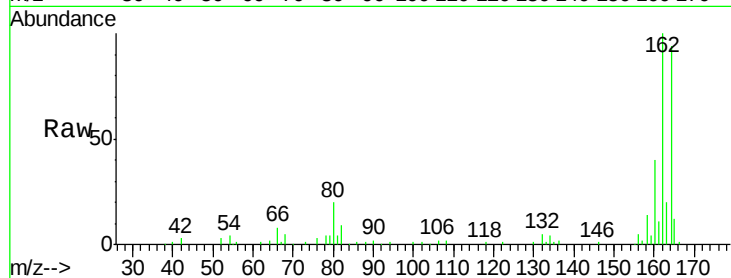




#50
 2,6-Dinitrotoluene
 Concen: 7.399 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. 0.21 min
 Lab File: BF096035.D
 Acq: 20 Jun 2017 9:02

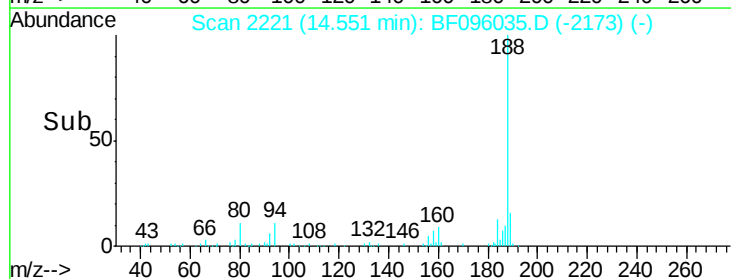
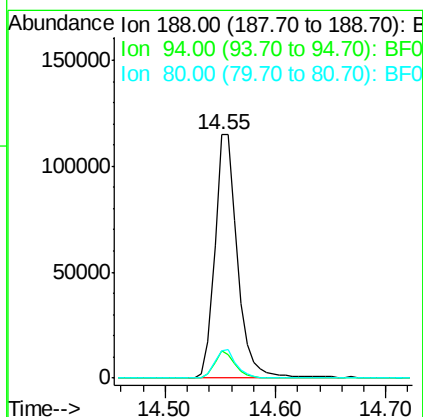
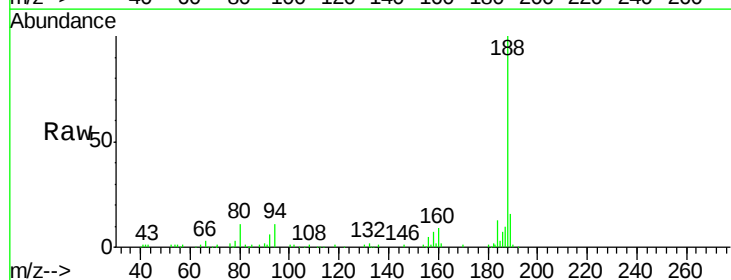
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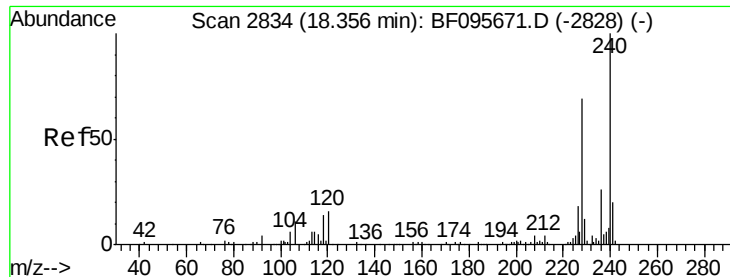
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF096035.D
 Acq: 20 Jun 2017 9:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.4	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF096035.D

Acq: 20 Jun 2017 9:02

Instrument :

BNA_F

ClientSampleId :

G20-0-1.5

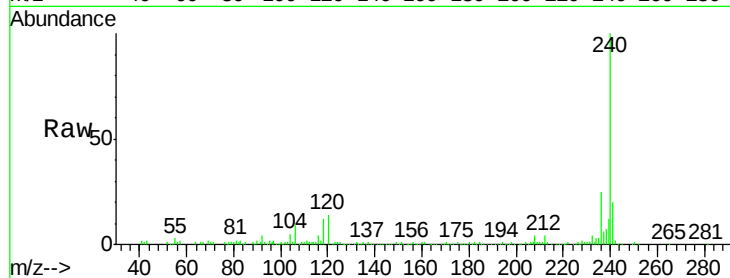
Tgt Ion:240 Resp: 138563

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

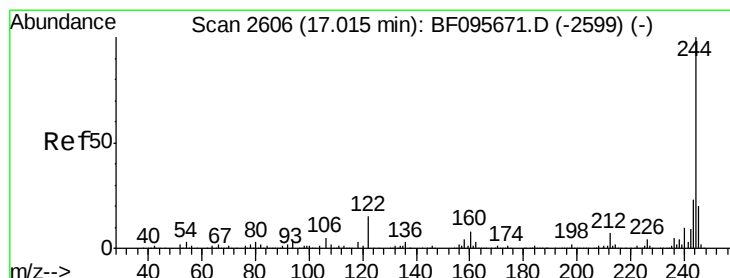
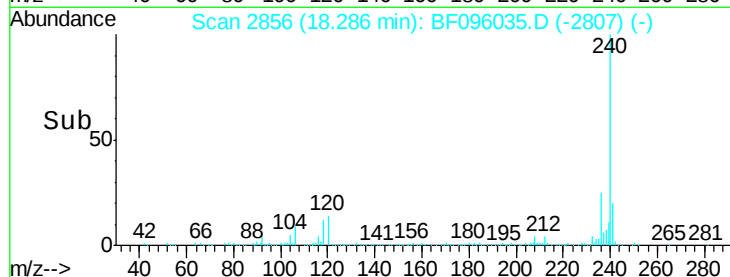
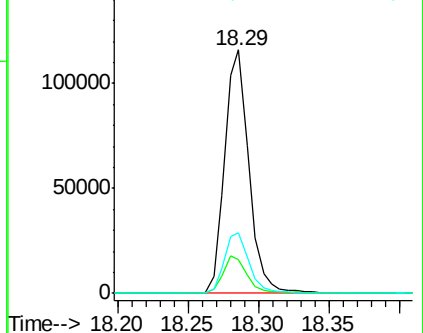
236 24.9 20.5 30.7



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



#78

Terphenyl-d14

Concen: 15.241 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096035.D

Acq: 20 Jun 2017 9:02

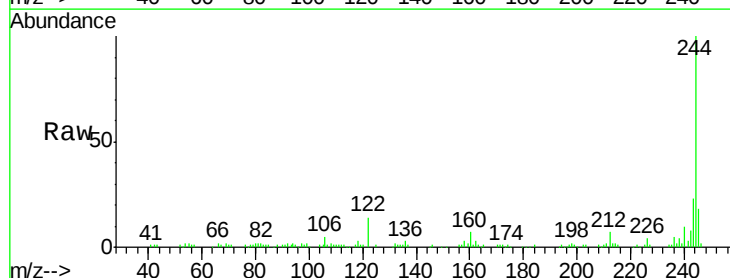
Tgt Ion:244 Resp: 85095

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

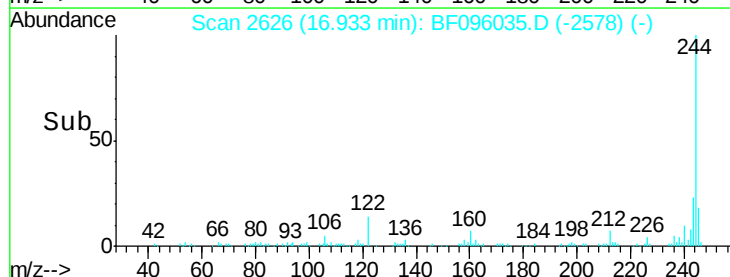
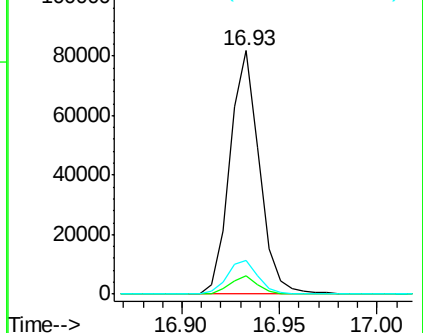
122 14.0 10.3 15.5

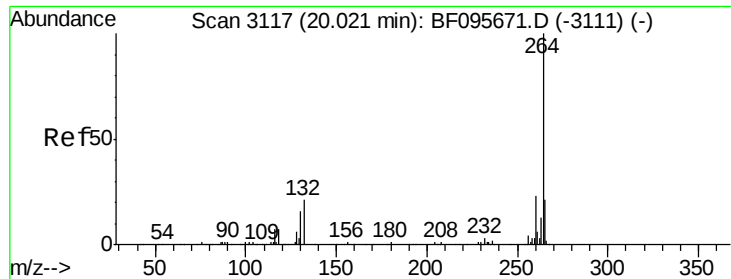


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

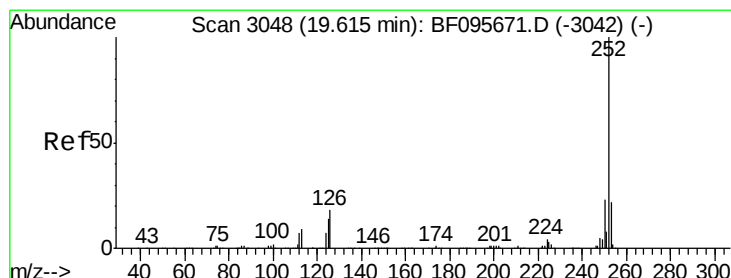
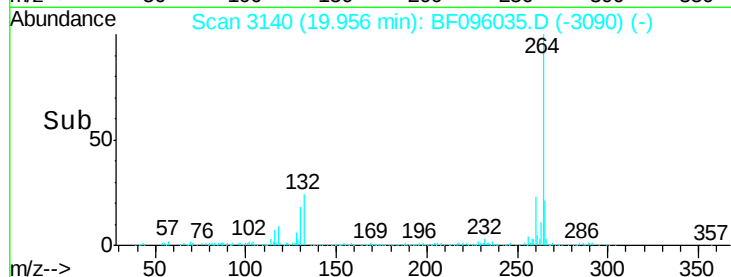
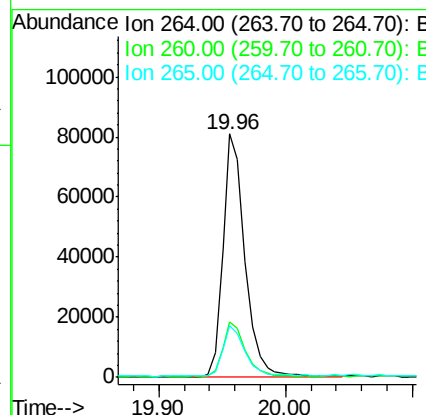
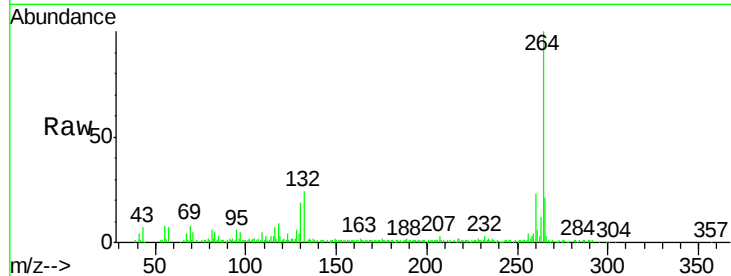




#86
Perylene-d12
Concen: 20.000 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096035.D
Acq: 20 Jun 2017 9:02

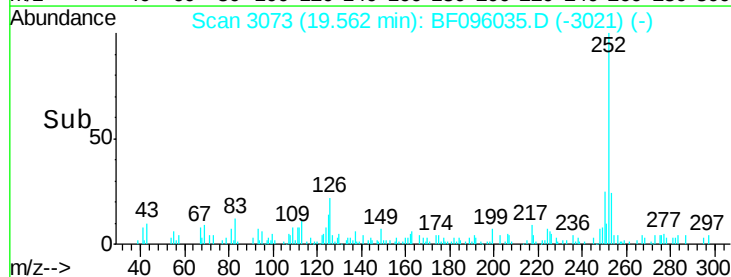
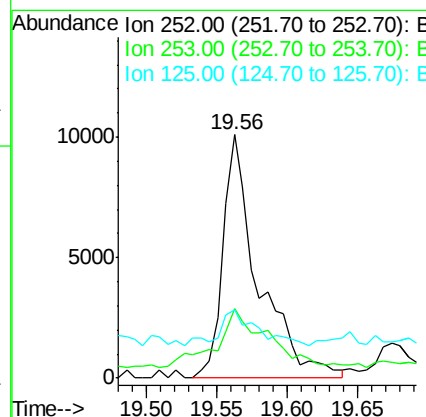
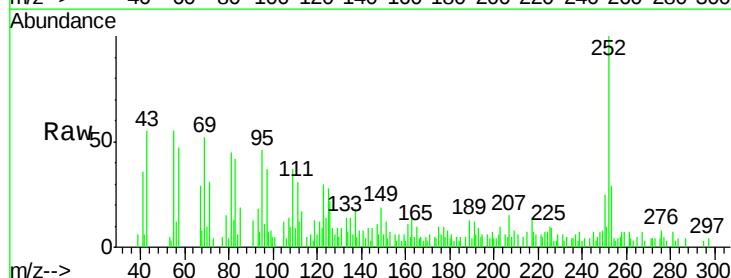
Instrument :
BNA_F
ClientSampleId :
G20-0-1.5

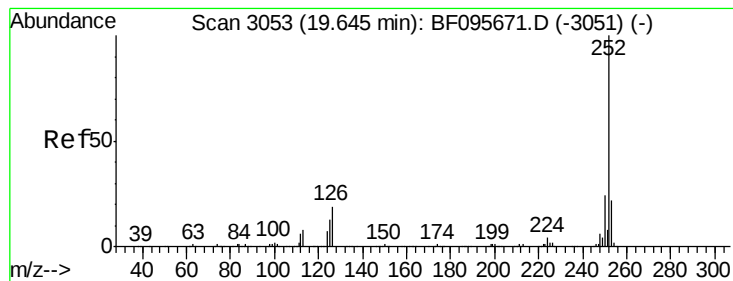
Tgt Ion:264 Resp: 98692
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.861 ng
RT: 19.56 min Scan# 3073
Delta R.T. 0.01 min
Lab File: BF096035.D
Acq: 20 Jun 2017 9:02

Tgt Ion:252 Resp: 17678
Ion Ratio Lower Upper
252 100
253 28.5 18.1 27.1#
125 27.8 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.993 ng

RT: 19.56 min Scan# 3073

Delta R.T. -0.03 min

Lab File: BF096035.D

Acq: 20 Jun 2017 9:02

Instrument :

BNA_F

ClientSampleId :

G20-0-1.5

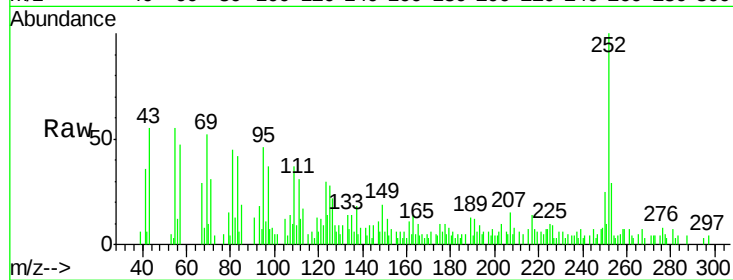
Tgt Ion:252 Resp: 17678

Ion Ratio Lower Upper

252 100

253 28.5 18.4 27.6#

125 27.8 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

