

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095703.D
 Acq On : 6 Jun 2017 11:56
 Operator : SJ/MA
 Sample : I3441-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 16:30:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

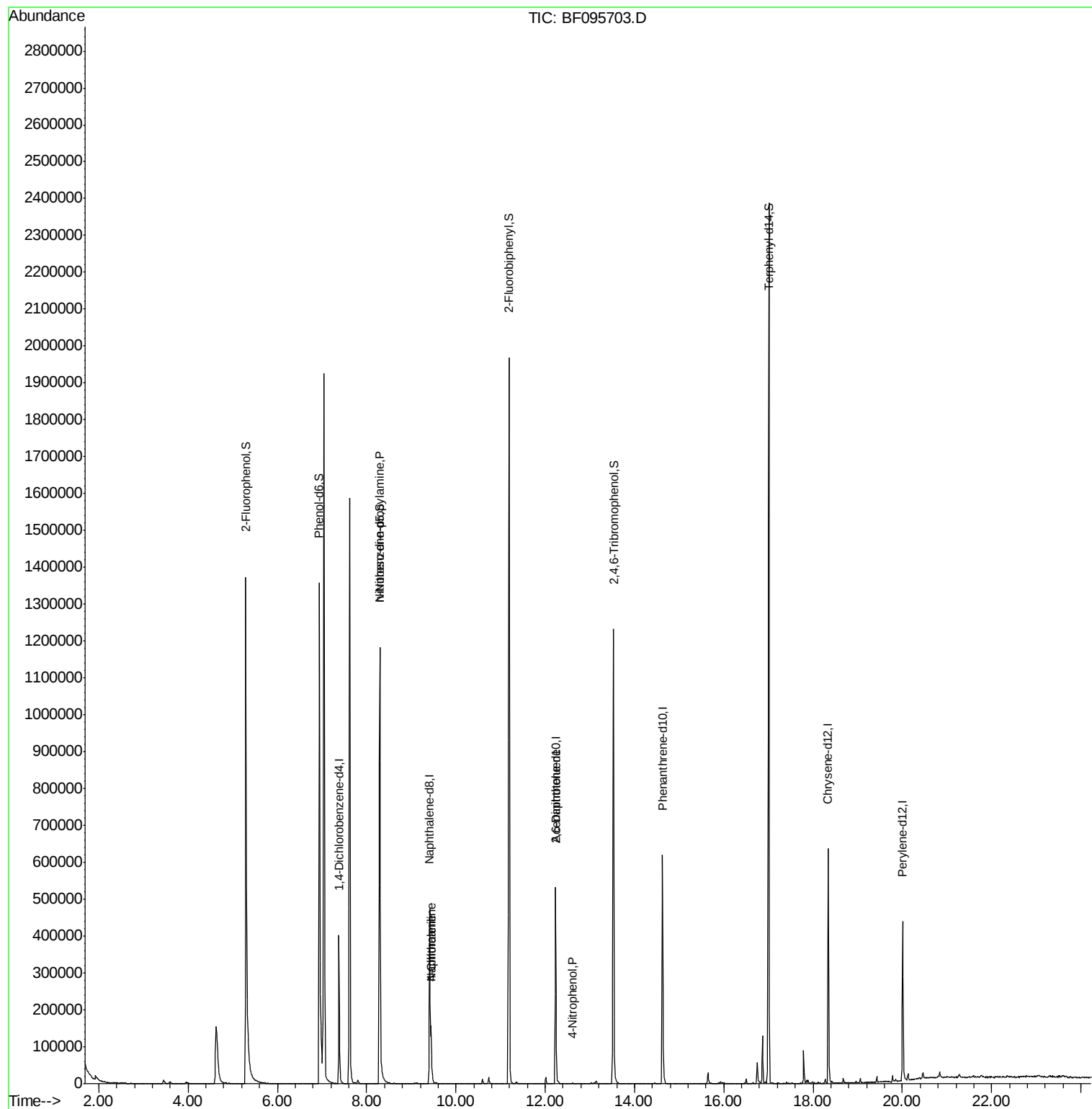
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	94476	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	359995	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	170907	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	332487	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	291920	20.00	ng	-0.02
86) Perylene-d12	20.01	264	209206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	844672	142.46	ng	0.01
7) Phenol-d6	6.95	99	914119	128.78	ng	-0.01
23) Nitrobenzene-d5	8.30	82	667097	115.08	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	235970	156.05	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1153438	93.92	ng	-0.02
78) Terphenyl-d14	17.01	244	1084604	92.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.29	70	82393	18.32	ng	# 78
31) Naphthalene	9.45	128	135141	7.48	ng	98
33) 4-Chloroaniline	9.45	127	17953	2.54	ng	# 39
50) 2,6-Dinitrotoluene	12.23	165	21657	7.65	ng	# 31
55) 4-Nitrophenol	12.60	139	301	4.77	ng	# 25

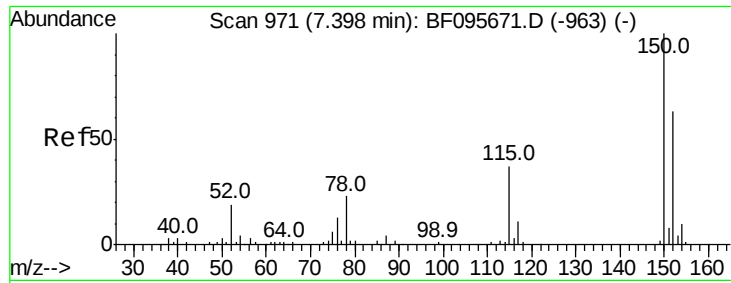
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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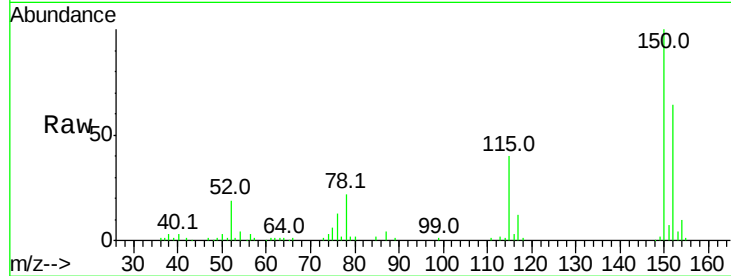


#1

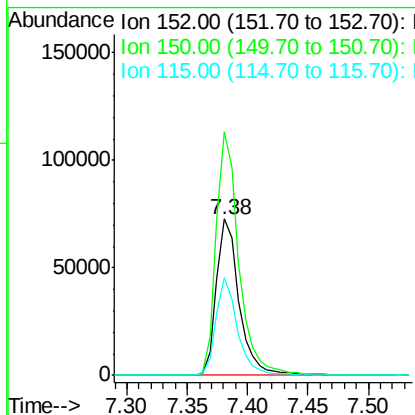
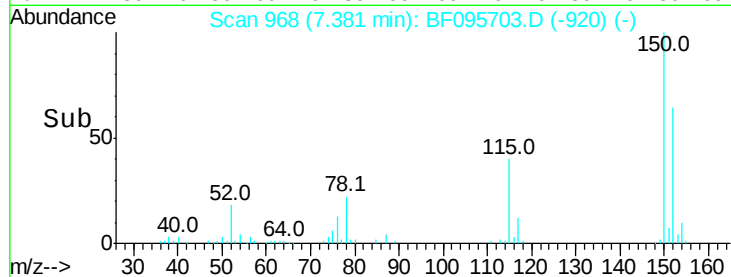
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BF095703.D
 Acq: 6 Jun 2017 11:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 94476
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.2
 115 62.3 52.2 78.2



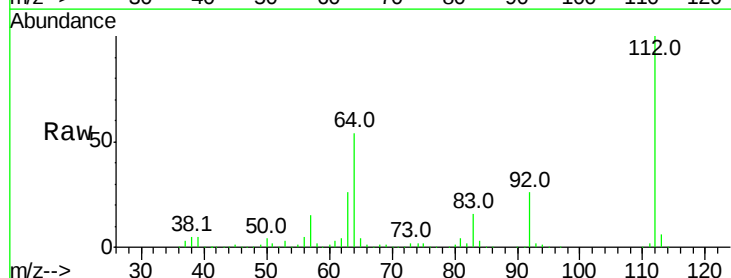
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



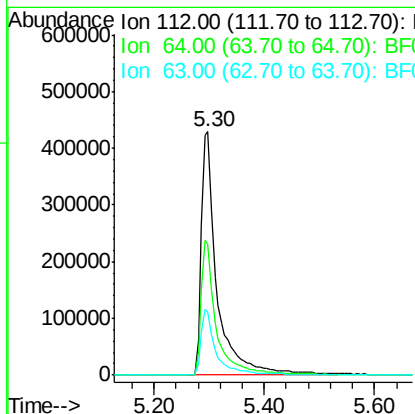
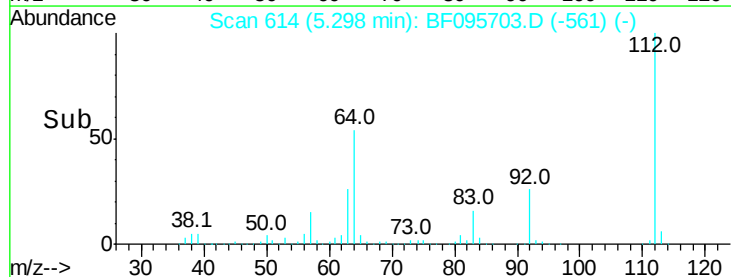
#5

2-Fluorophenol
 Concen: 142.46 ng
 RT: 5.30 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF095703.D
 Acq: 6 Jun 2017 11:56

Tgt Ion:112 Resp: 844672
 Ion Ratio Lower Upper
 112 100
 64 53.9 46.0 69.0
 63 26.2 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: 128.78 ng

RT: 6.95 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

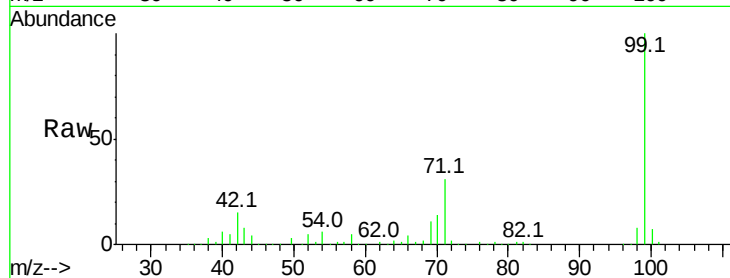
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 914119

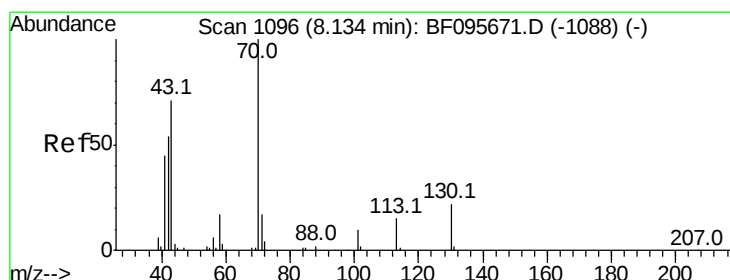
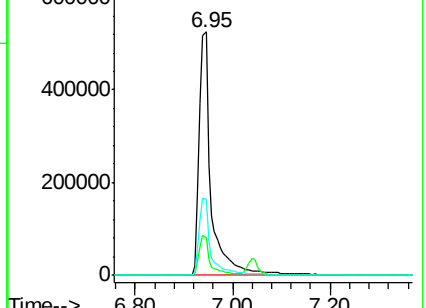
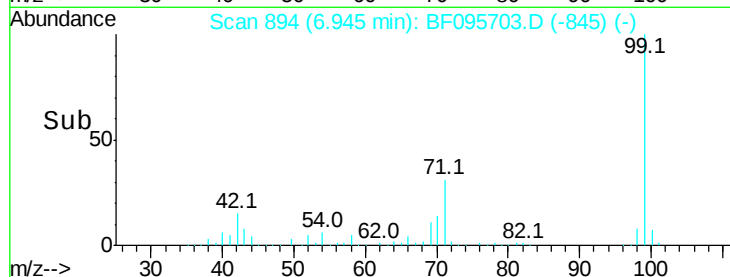
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	30.9	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.32 ng

RT: 8.29 min Scan# 1123

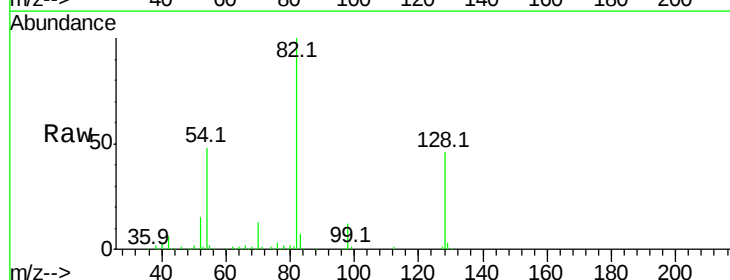
Delta R.T. 0.16 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

Tgt Ion: 70 Resp: 82393

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

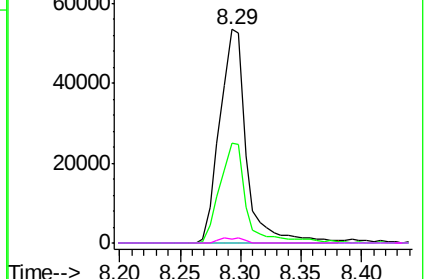
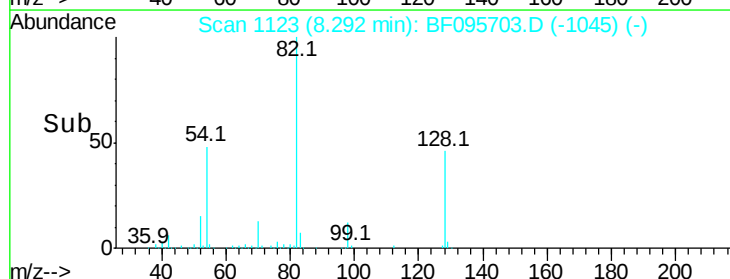


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.41 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 359995

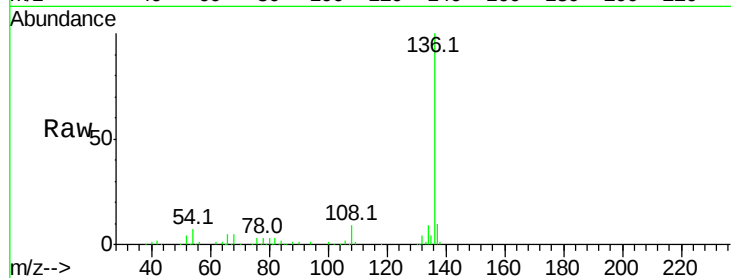
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

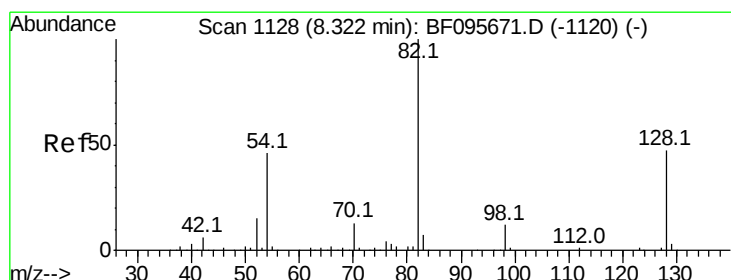
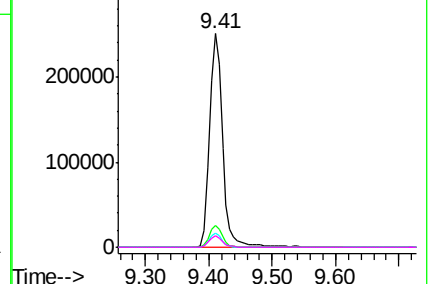
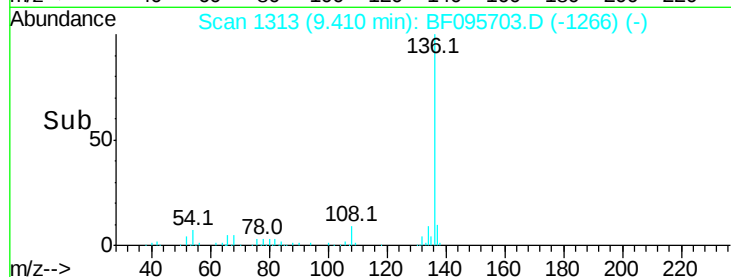


Abundance Ion 136.00 (135.70 to 136.70): E

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: 115.08 ng

RT: 8.30 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

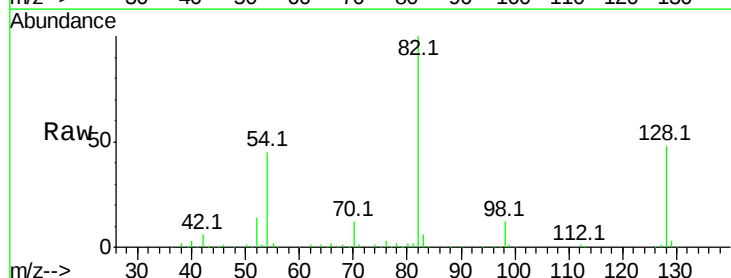
Tgt Ion: 82 Resp: 667097

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

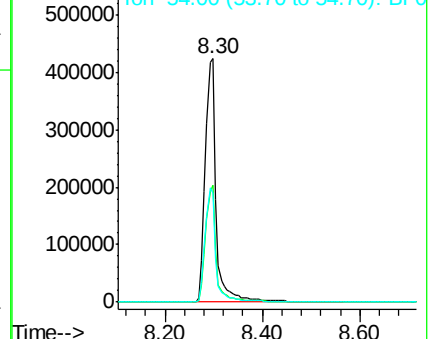
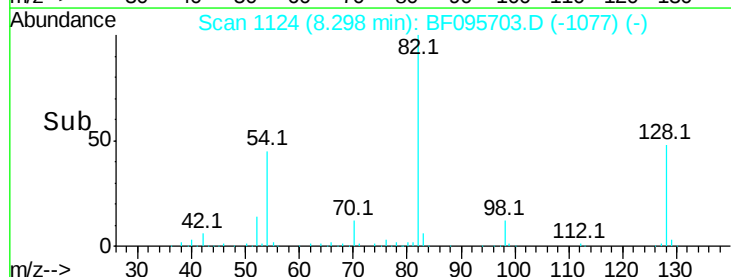
54 45.0 42.2 63.2

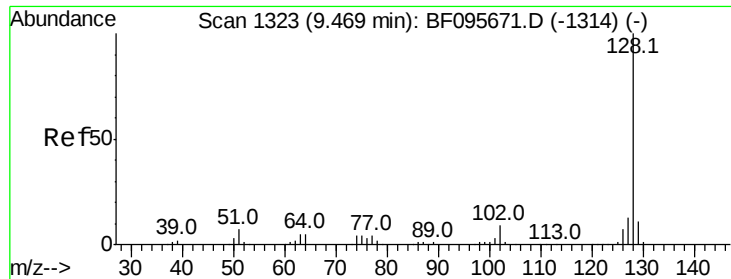


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 7.48 ng

RT: 9.45 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

Instrument :

BNA_F

ClientSampleId :

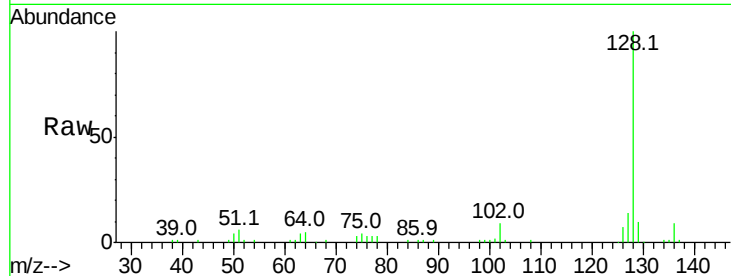
Tot Ion:128 Resp: 135141

Ion Ratio Lower Upper

128 100

129 9.9 9.0 13.6

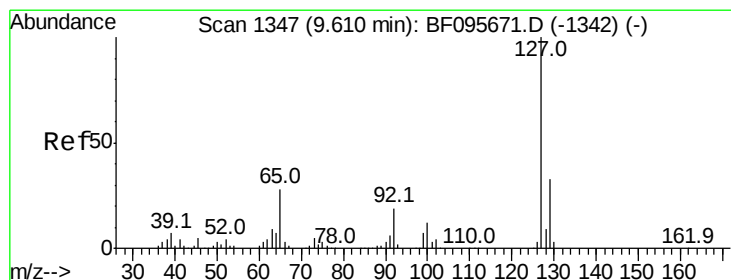
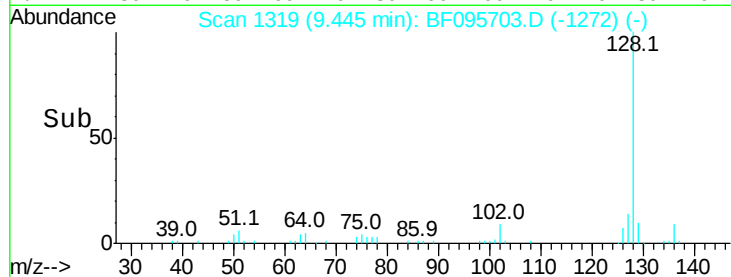
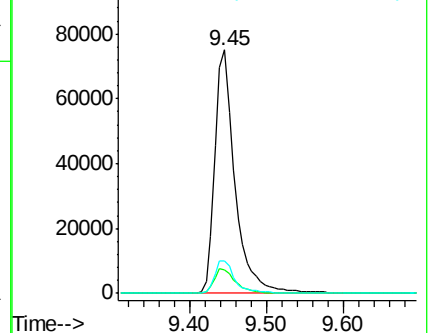
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 2.54 ng

RT: 9.45 min Scan# 1319

Delta R.T. -0.16 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

Tgt Ion:127 Resp: 17953

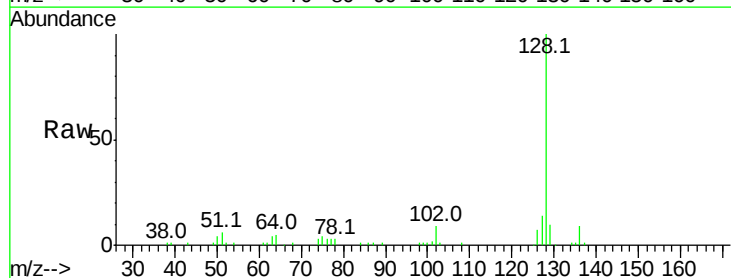
Ion Ratio Lower Upper

127 100

129 73.2 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

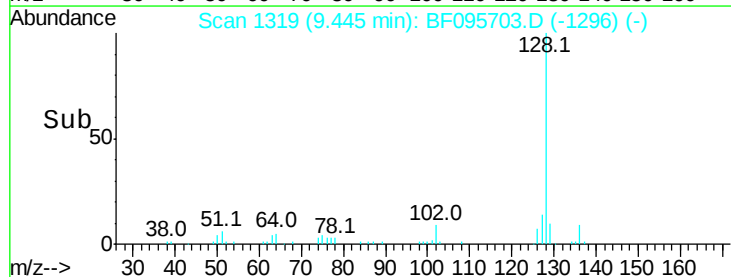
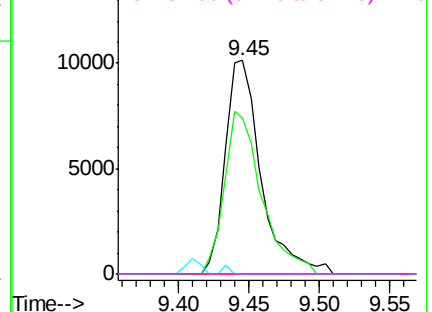


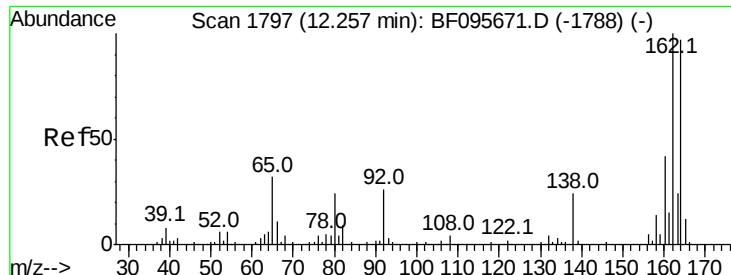
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.23 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

Instrument :

BNA_F

ClientSampleId :

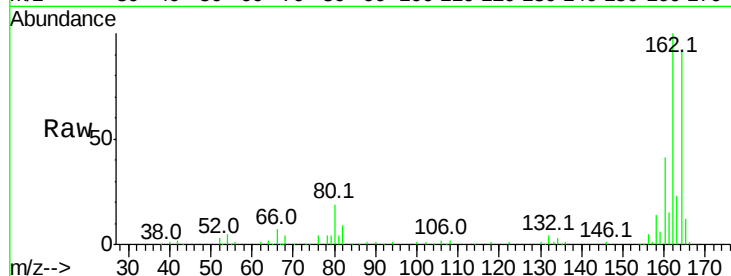
Tot Ion:164 Resp: 170907

Ion Ratio Lower Upper

164 100

162 108.3 82.6 123.8

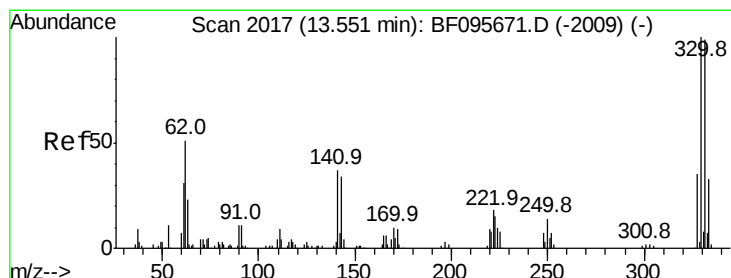
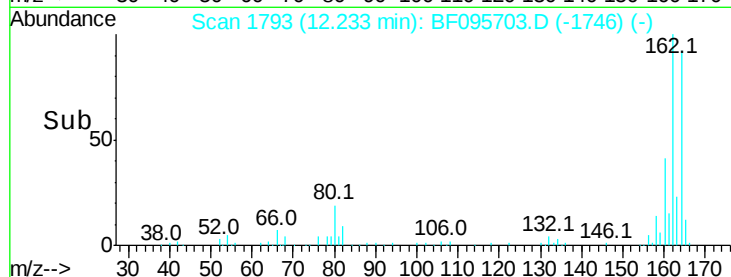
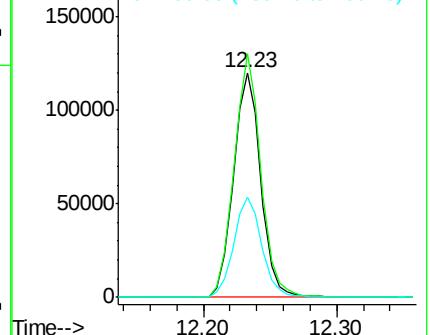
160 44.9 36.2 54.2



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: 156.05 ng

RT: 13.53 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

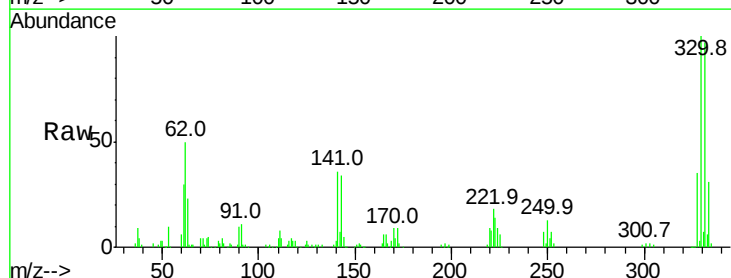
Tgt Ion:330 Resp: 235970

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

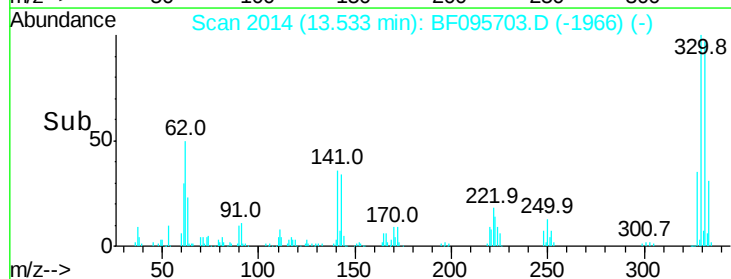
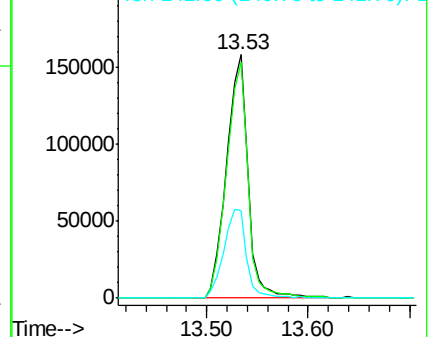
141 38.3 31.4 47.2

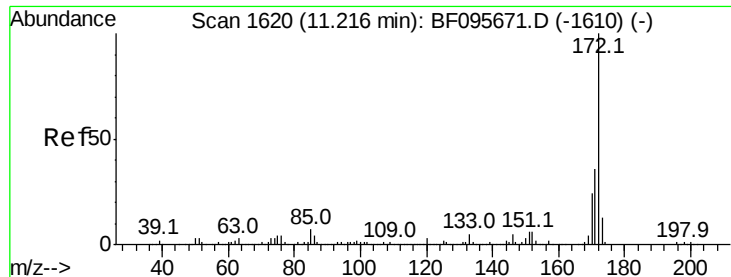


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

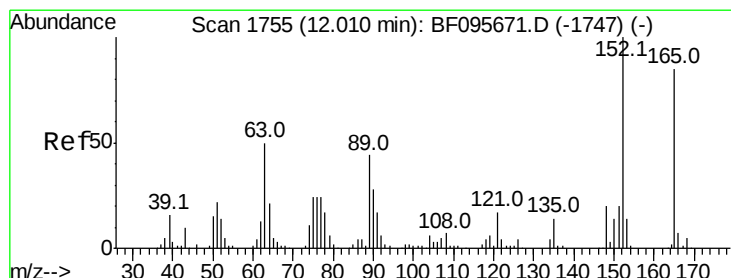
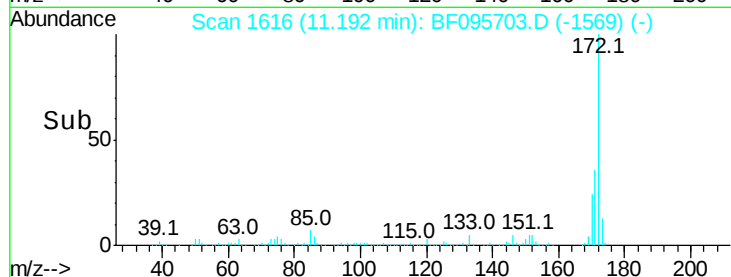
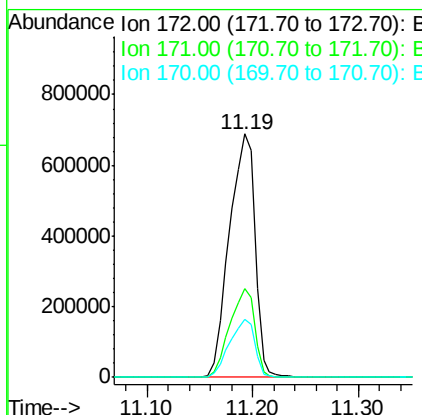
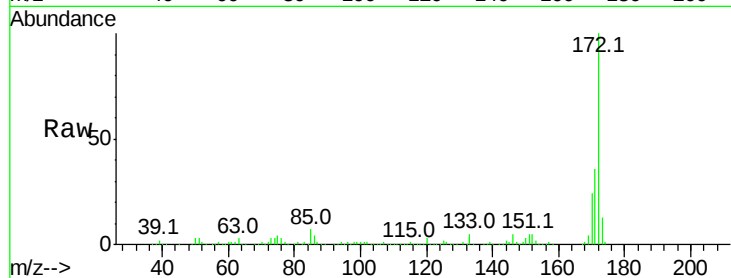




#44
2-Fluorobiphenyl
Concen: 93.92 ng
RT: 11.19 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF095703.D
Acq: 6 Jun 2017 11:56

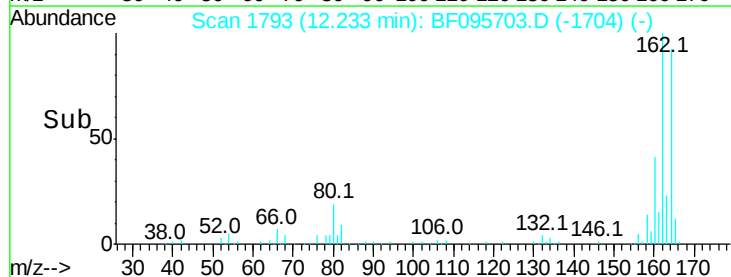
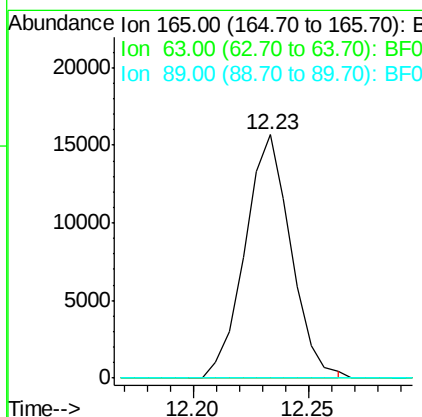
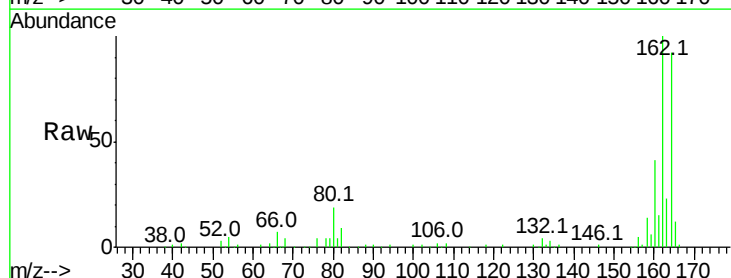
Instrument :
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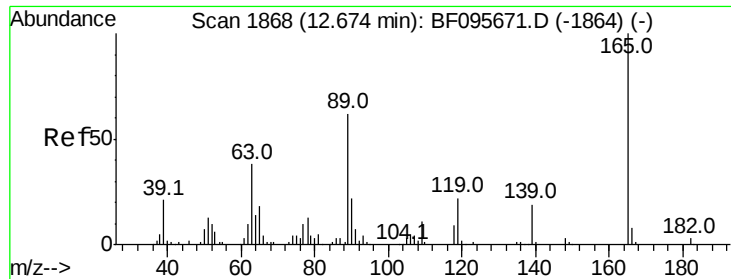
Tot Ion:172 Resp: 1153438
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.8 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 12.23 min Scan# 1793
Delta R.T. 0.22 min
Lab File: BF095703.D
Acq: 6 Jun 2017 11:56

Tgt Ion:165 Resp: 21657
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

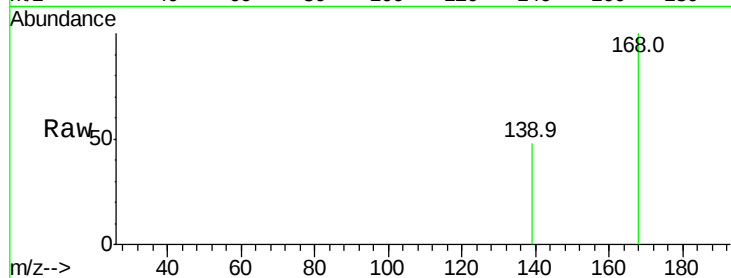




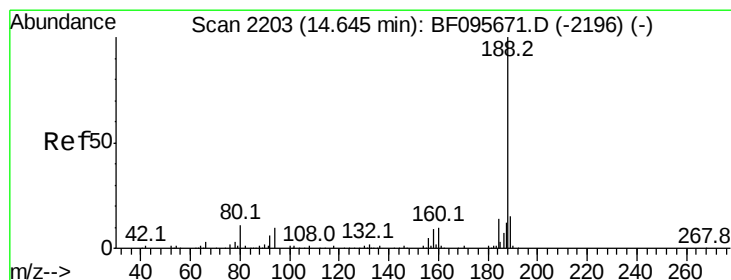
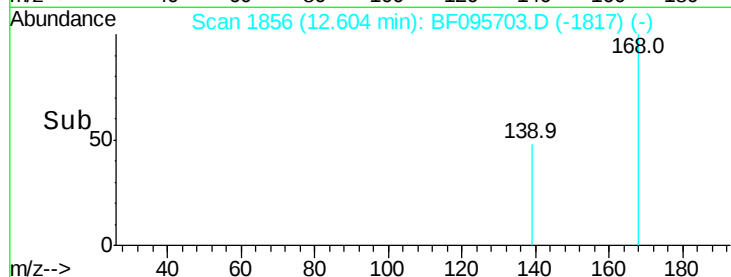
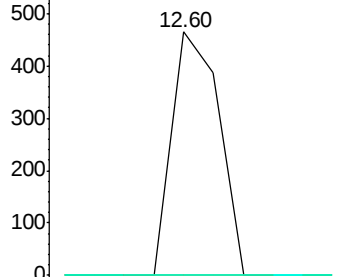
#55
4-Nitrophenol
Concen: 4.77 ng
RT: 12.60 min Scan# 1856
Delta R.T. -0.07 min
Lab File: BF095703.D
Acq: 6 Jun 2017 11:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 301
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

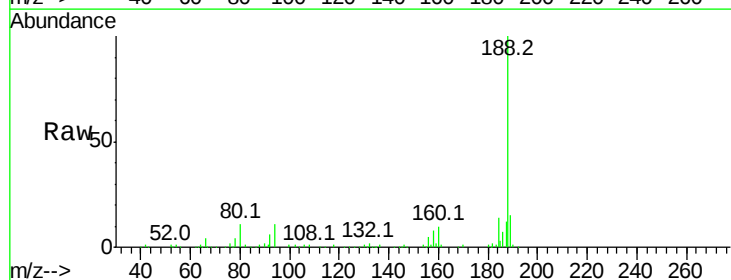


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

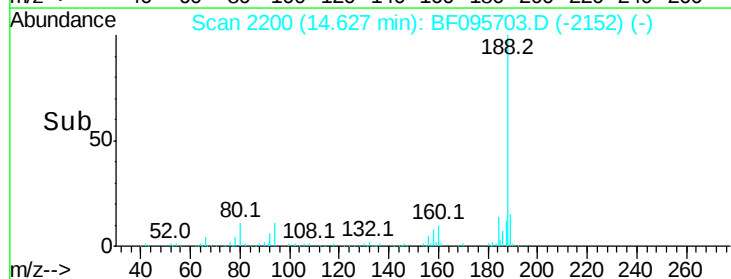
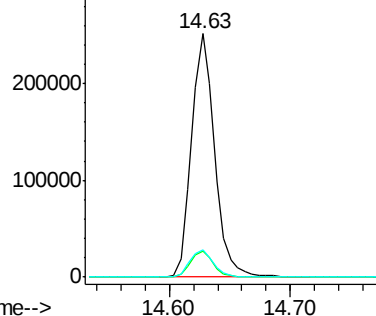


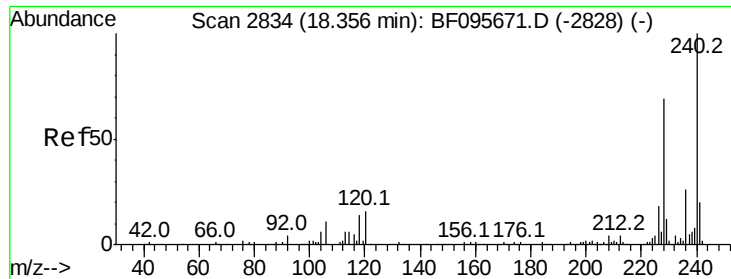
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095703.D
Acq: 6 Jun 2017 11:56

Tgt Ion:188 Resp: 332487
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.2 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

Instrument :

BNA_F

ClientSampleId :

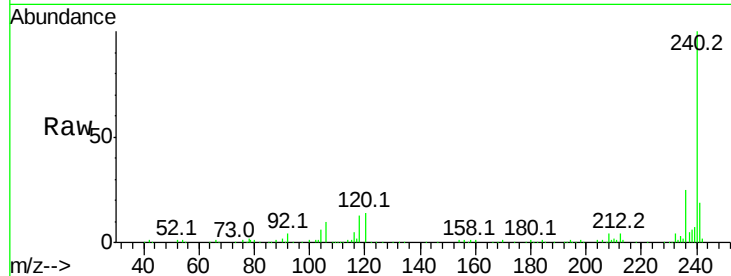
Tot Ion:240 Resp: 291920

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

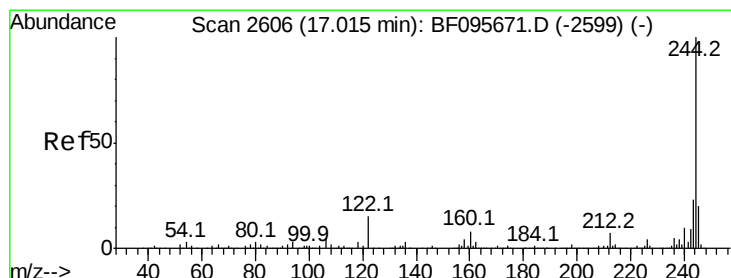
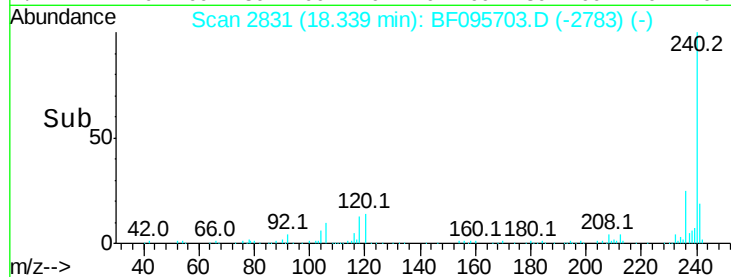
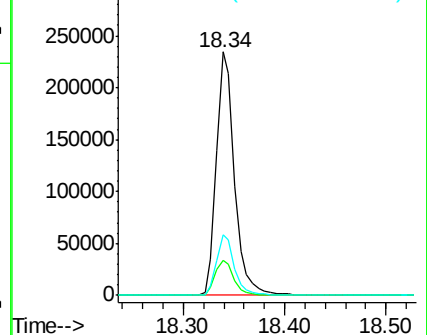
236 24.9 20.5 30.7



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: 92.21 ng

RT: 17.01 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

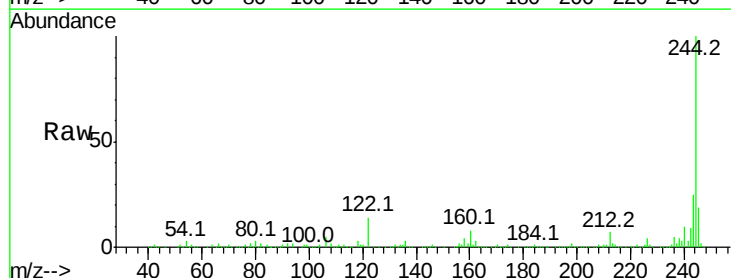
Tgt Ion:244 Resp: 1084604

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

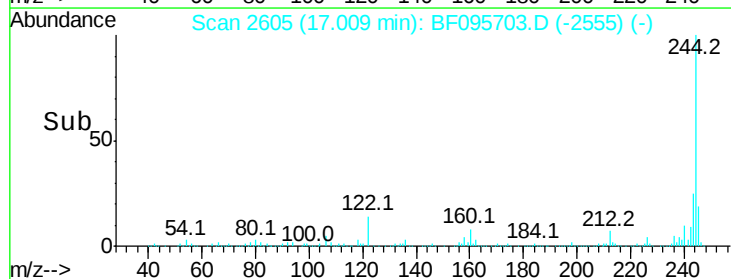
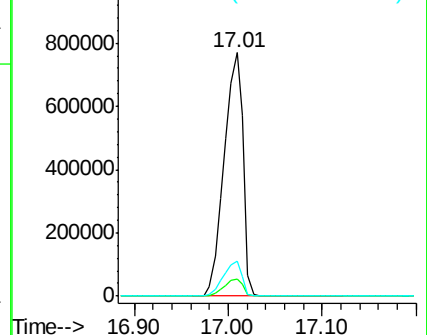
122 14.2 10.3 15.5

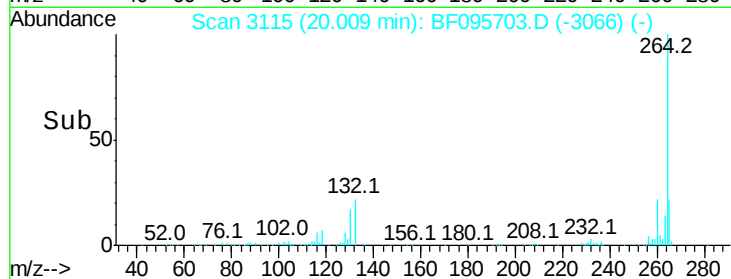
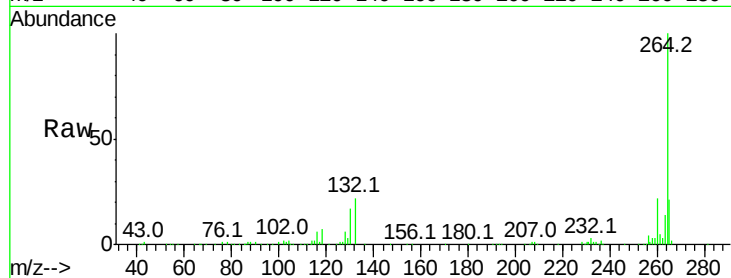
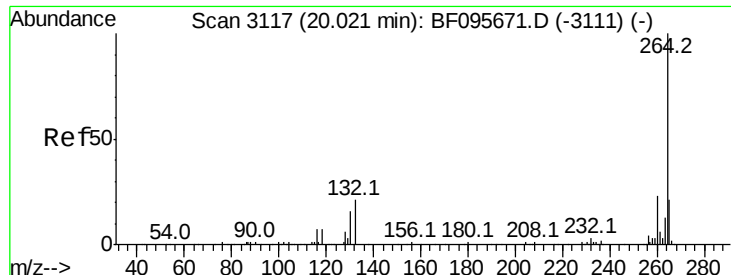


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.01 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BF095703.D

Acq: 6 Jun 2017 11:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 209206

Ion Ratio Lower Upper

264 100

260 22.2 19.5 29.3

265 20.8 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

