

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095702.D
 Acq On : 6 Jun 2017 11:23
 Operator : SJ/MA
 Sample : I3441-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 16:29:53 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

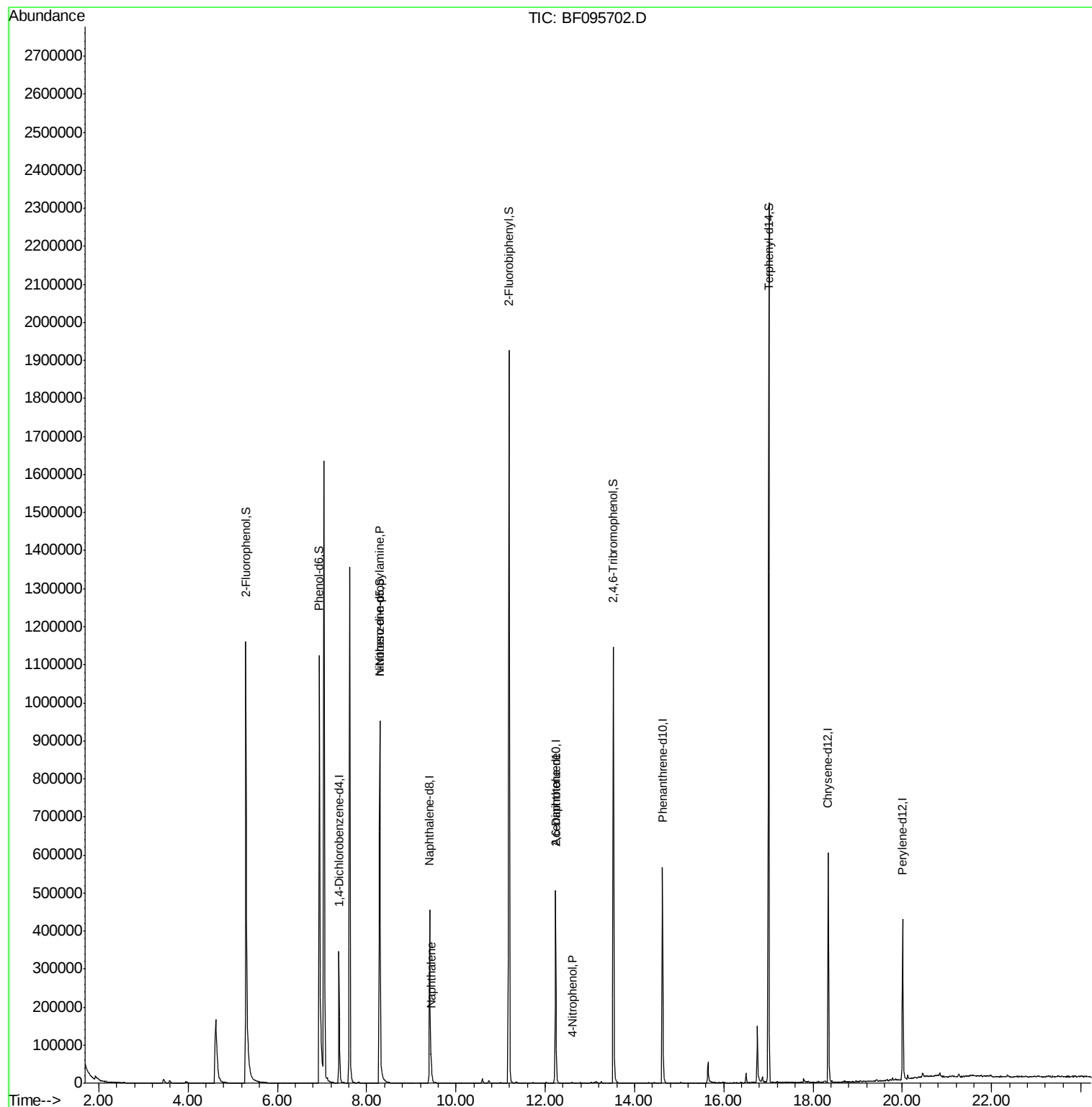
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	79625	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	327691	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	157326	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	297719	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	280921	20.00	ng	-0.02
86) Perylene-d12	20.01	264	197174	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	669422	133.96	ng	0.00
7) Phenol-d6	6.94	99	734615	122.80	ng	-0.02
23) Nitrobenzene-d5	8.30	82	510288	96.71	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	205129	147.37	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1039196	91.92	ng	-0.02
78) Terphenyl-d14	17.01	244	967058	85.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	63368	16.71	ng	# 76
31) Naphthalene	9.45	128	57117	3.47	ng	97
50) 2,6-Dinitrotoluene	12.23	165	19297	7.41	ng	# 31
55) 4-Nitrophenol	12.60	139	761	5.03	ng	# 25

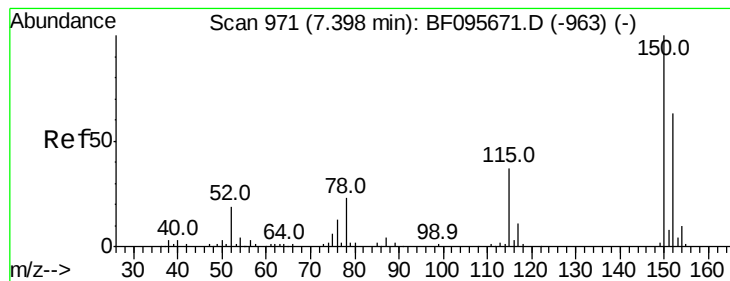
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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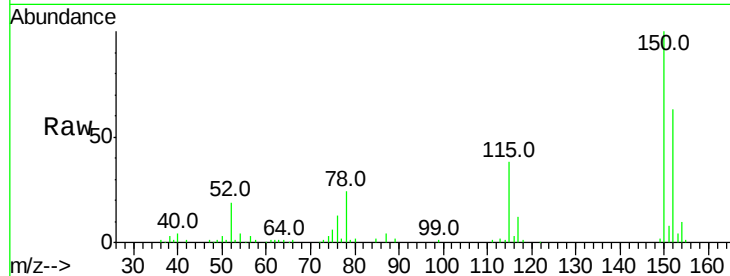


#1

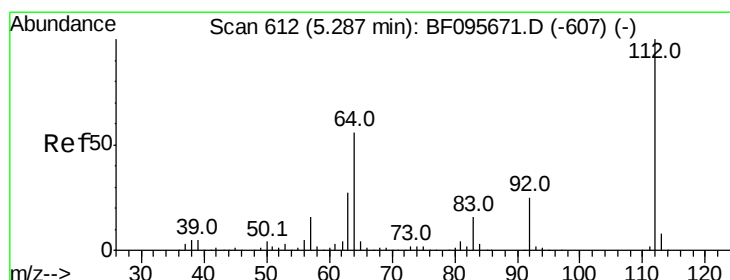
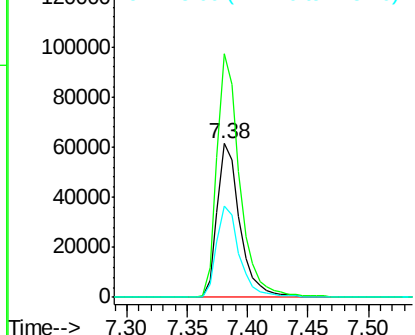
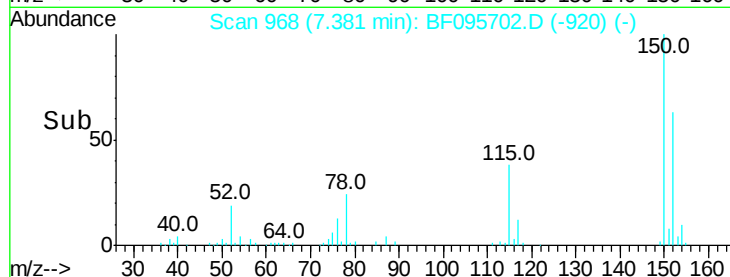
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095702.D
Acq: 6 Jun 2017 11:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 79625
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 59.5 52.2 78.2



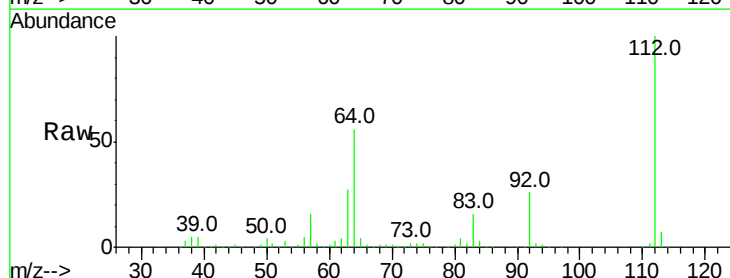
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



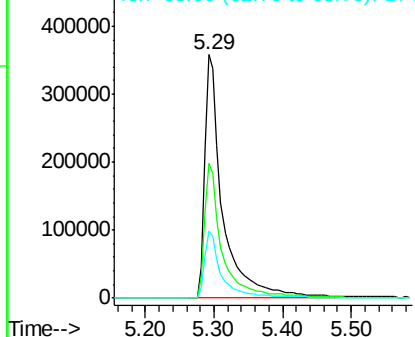
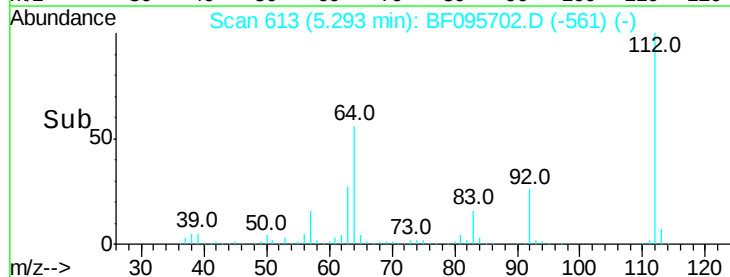
#5

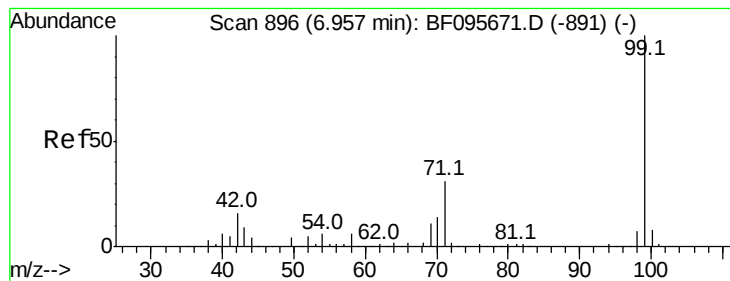
2-Fluorophenol
Concen: 133.96 ng
RT: 5.29 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF095702.D
Acq: 6 Jun 2017 11:23

Tgt Ion:112 Resp: 669422
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 27.4 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: 122.80 ng

RT: 6.94 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

Instrument :

BNA_F

ClientSampled :

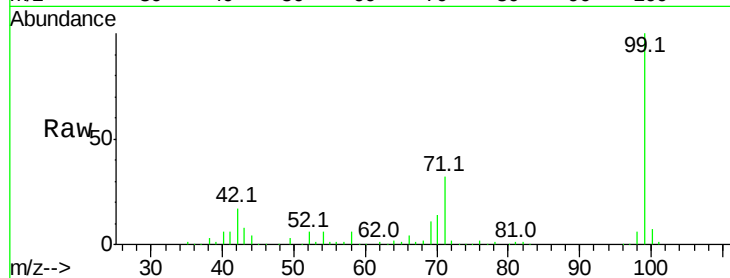
Tot Ion: 99 Resp: 734615

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

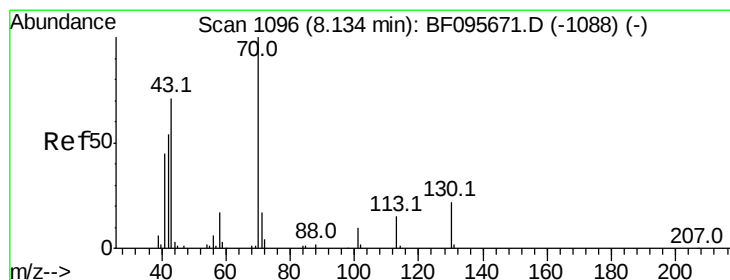
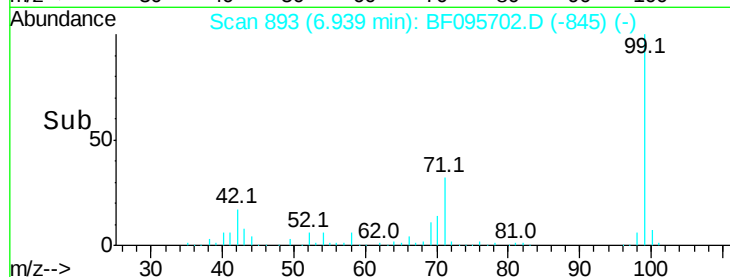
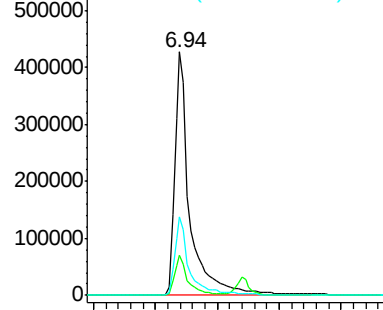
71 32.0 24.5 36.7



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: 16.71 ng

RT: 8.30 min Scan# 1124

Delta R.T. 0.16 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

Tgt Ion: 70 Resp: 63368

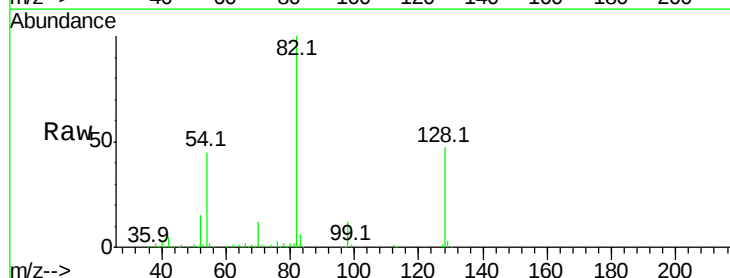
Ion Ratio Lower Upper

70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

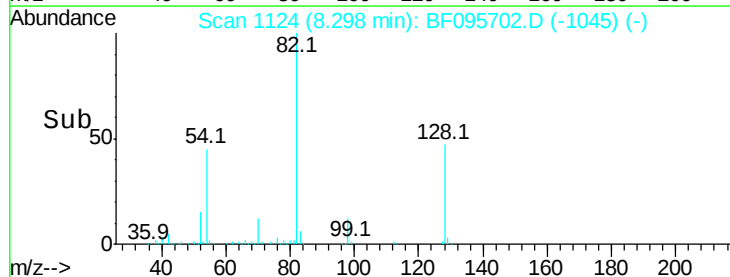
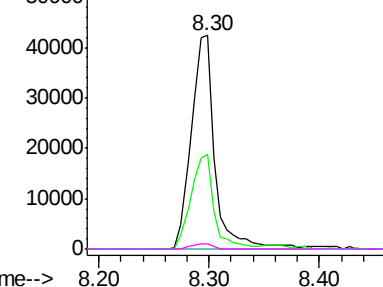


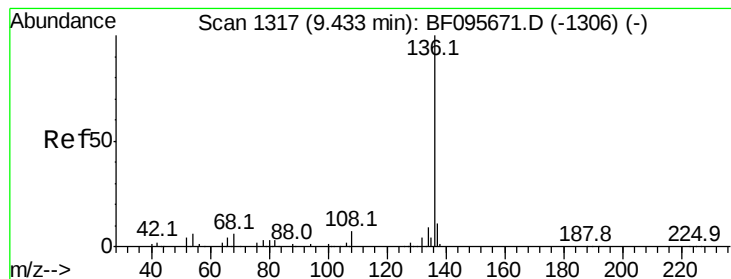
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095702.D

Acq: 6 Jun 2017 11:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 327691

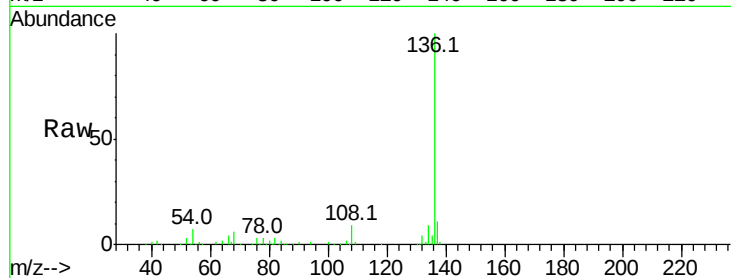
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.6 4.9 7.3

68 5.6 4.1 6.1

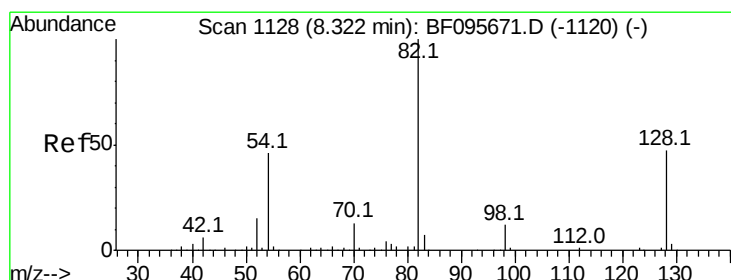
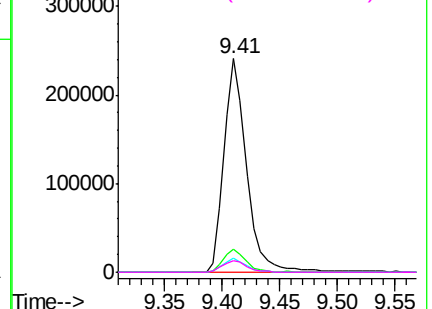
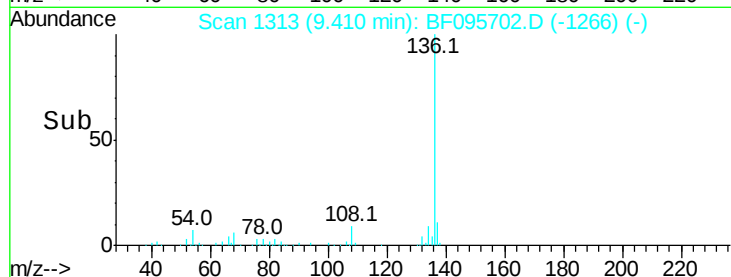


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.71 ng

RT: 8.30 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

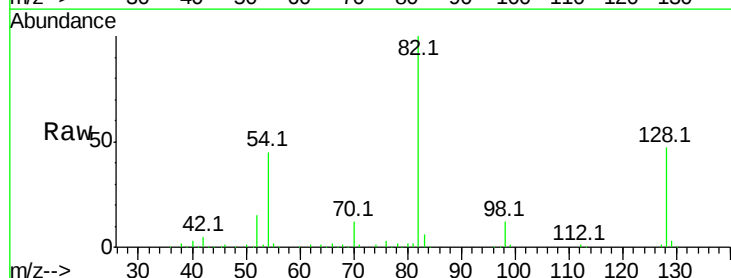
Tgt Ion: 82 Resp: 510288

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

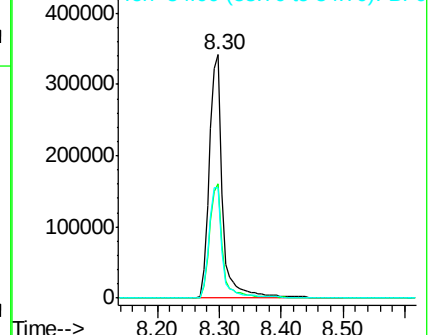
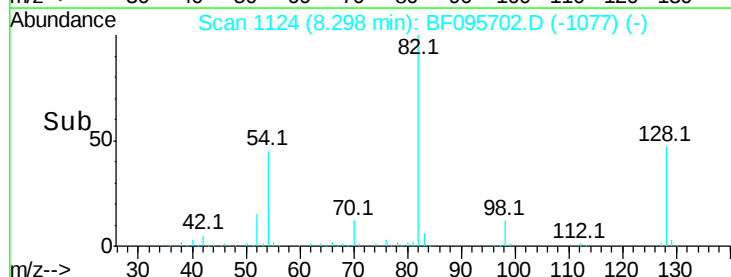
54 45.3 42.2 63.2

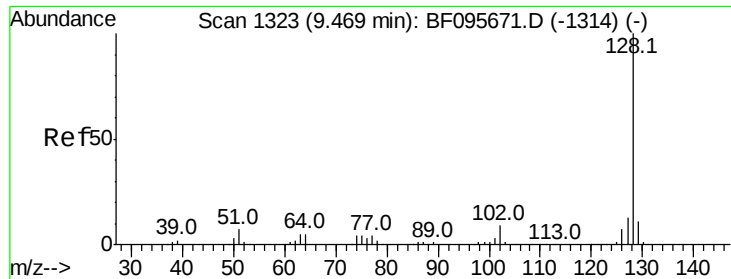


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.47 ng

RT: 9.45 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

Instrument :

BNA_F

ClientSampleId :

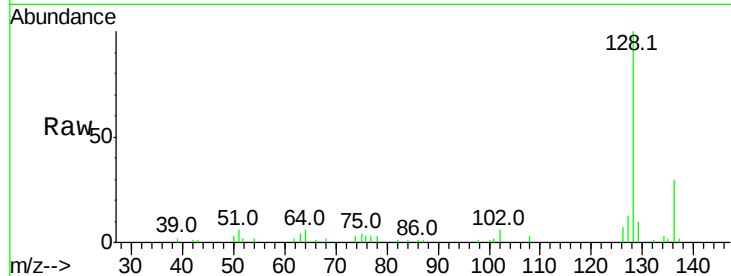
Tot Ion:128 Resp: 57117

Ion Ratio Lower Upper

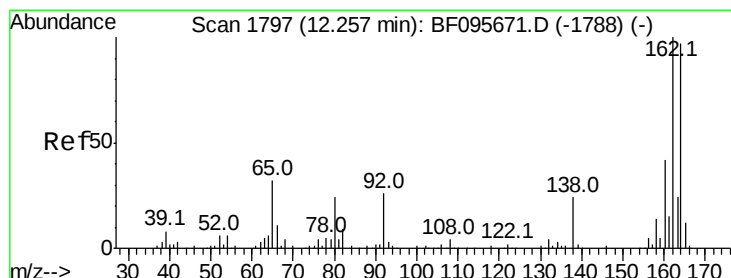
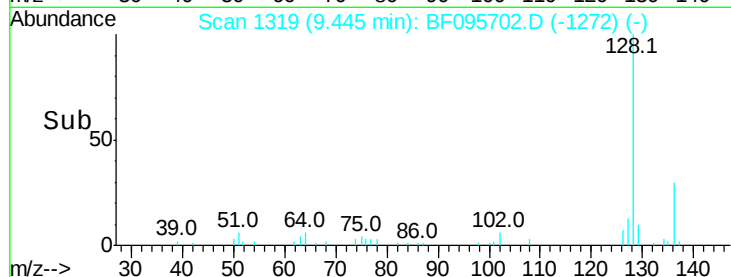
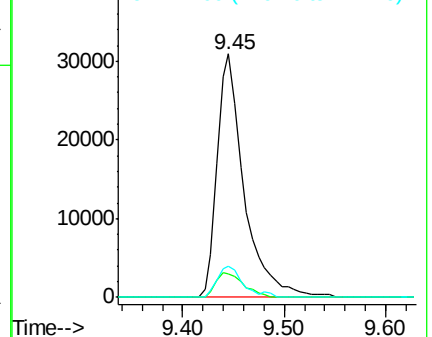
128 100

129 9.5 9.0 13.6

127 12.5 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.23 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF095702.D

Acq: 6 Jun 2017 11:23

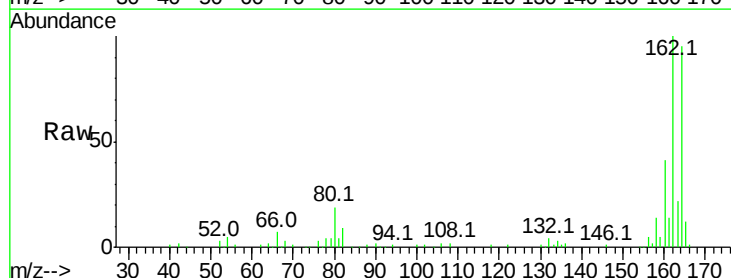
Tgt Ion:164 Resp: 157326

Ion Ratio Lower Upper

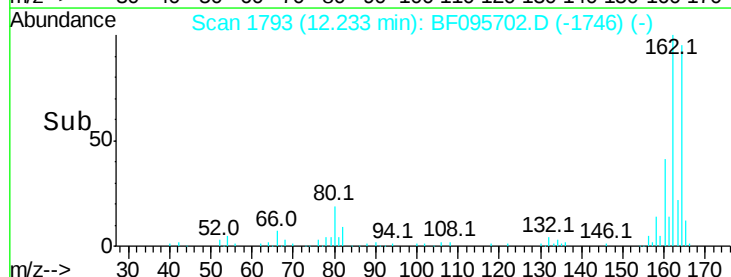
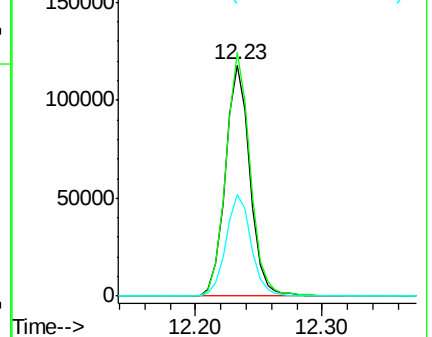
164 100

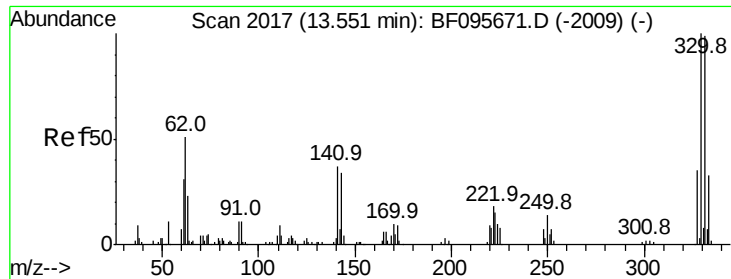
162 105.5 82.6 123.8

160 43.8 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

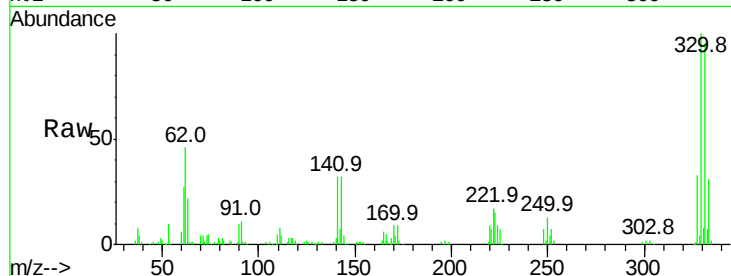




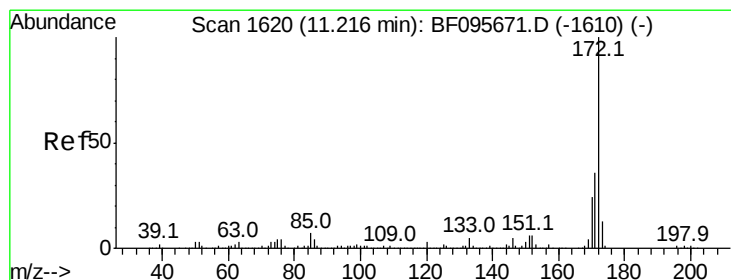
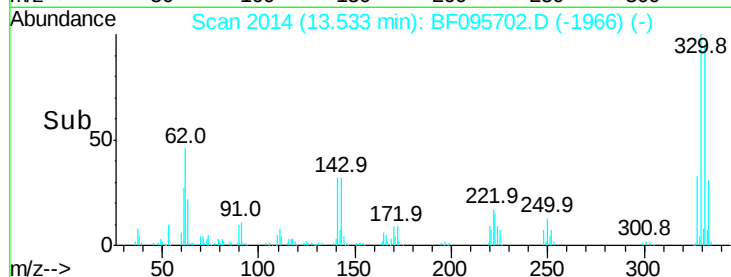
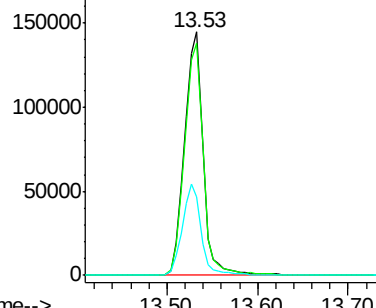
#41
 2,4,6-Tribromophenol
 Concen: 147.37 ng
 RT: 13.53 min Scan# 2014
 Delta R.T. -0.02 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.0	31.4	47.2

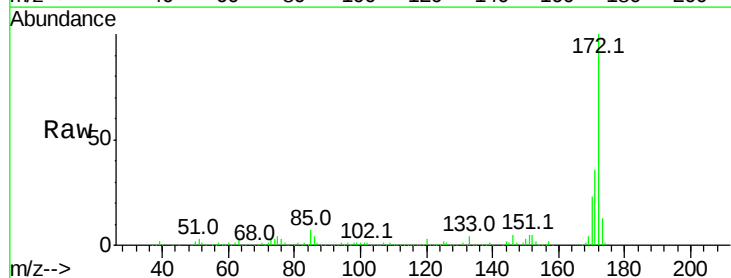


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

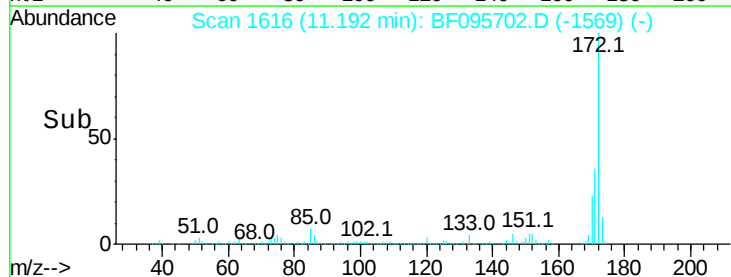
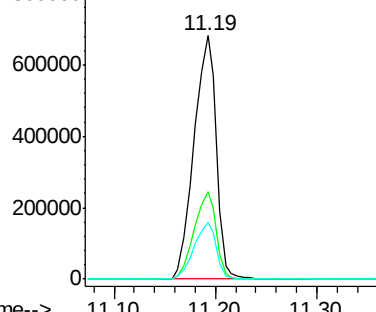


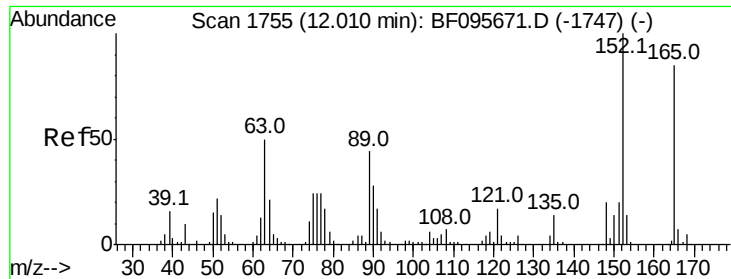
#44
 2-Fluorobiphenyl
 Concen: 91.92 ng
 RT: 11.19 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.3	19.8	29.8



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

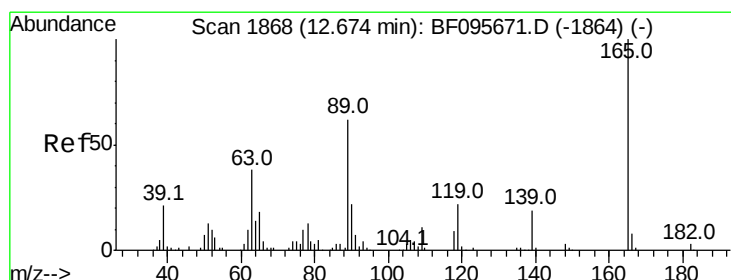
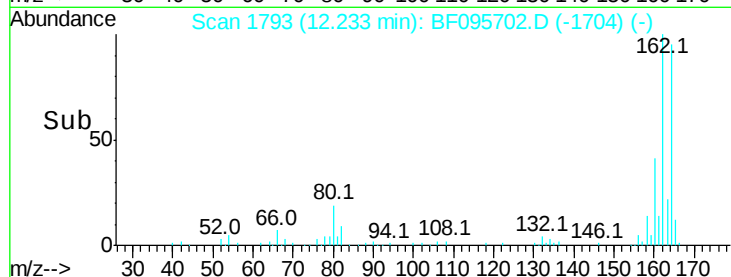
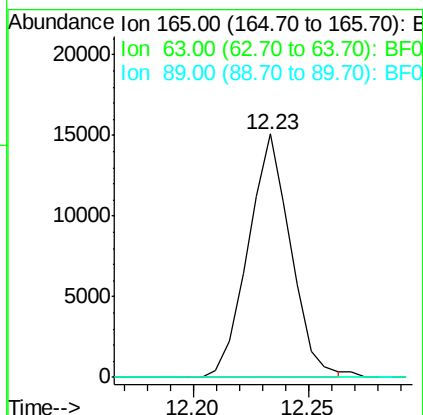
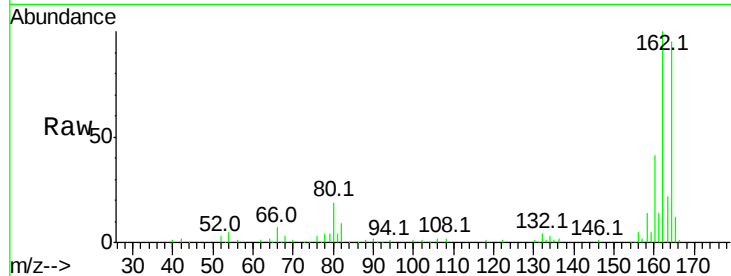




#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 12.23 min Scan# 1793
 Delta R.T. 0.22 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

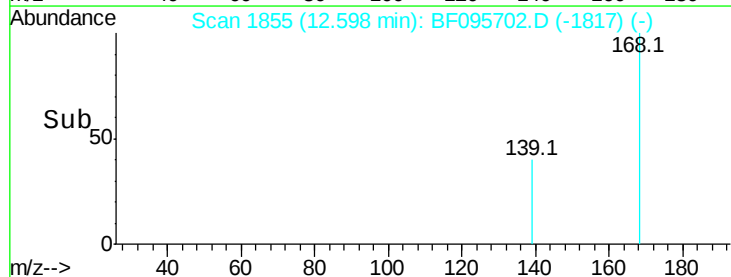
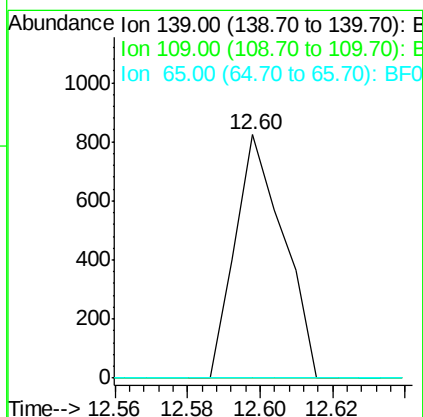
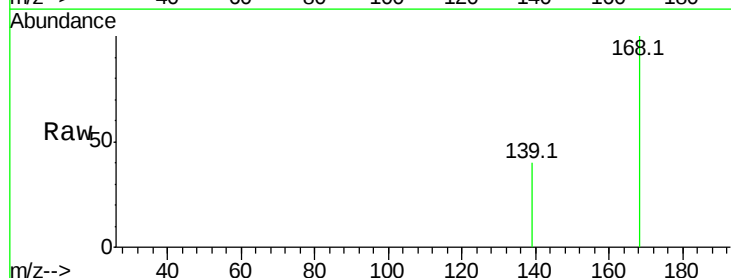
Instrument :
 BNA_F
 ClientSampleId :

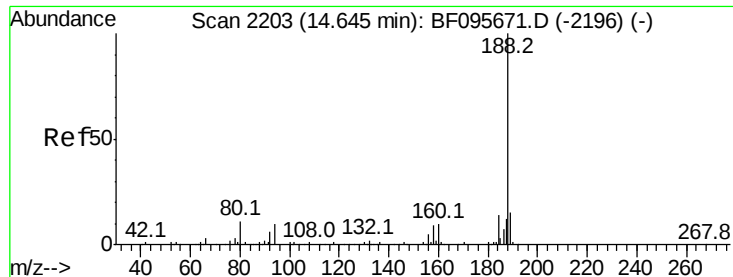
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#55
 4-Nitrophenol
 Concen: 5.03 ng
 RT: 12.60 min Scan# 1855
 Delta R.T. -0.08 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

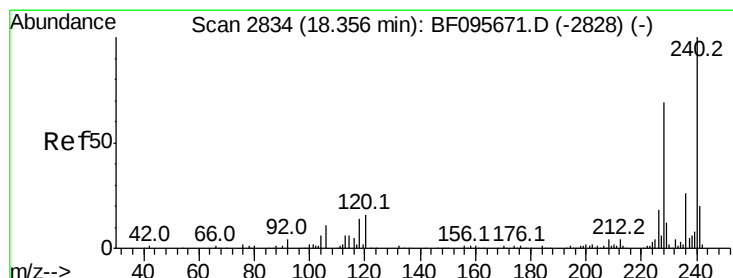
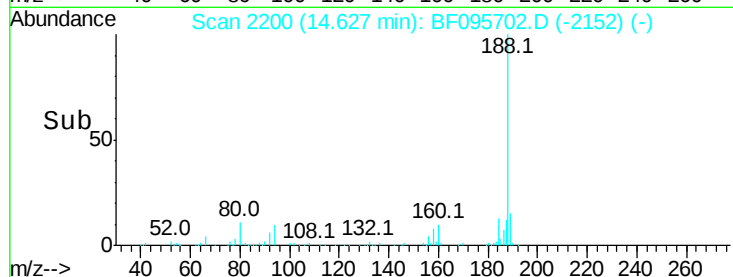
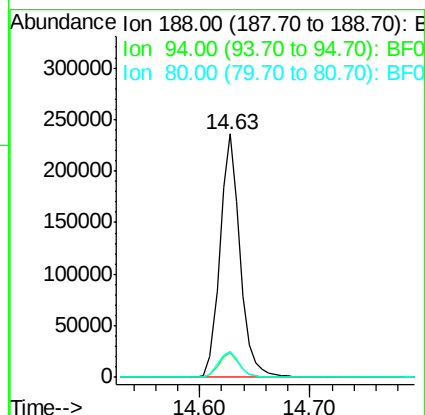
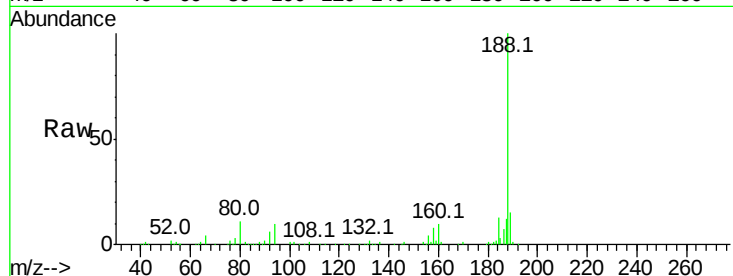




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095702.D
Acq: 6 Jun 2017 11:23

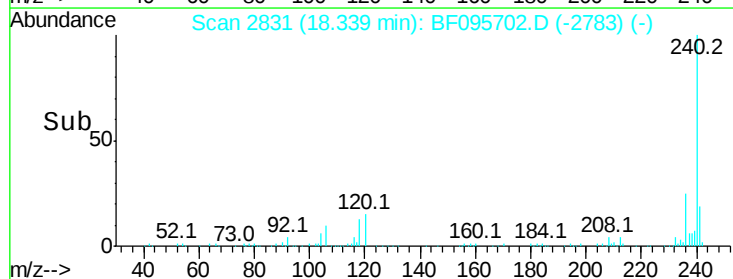
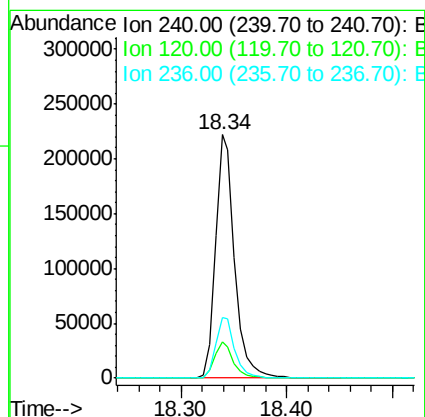
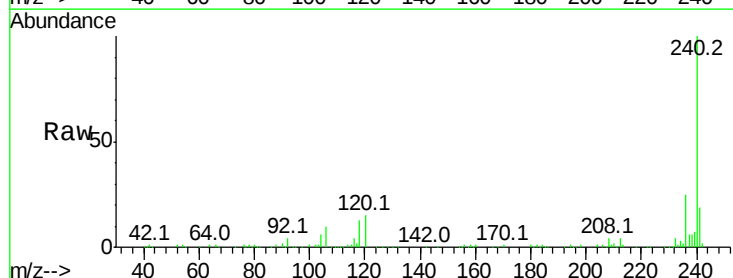
Instrument :
BNA_F
ClientSampleId :

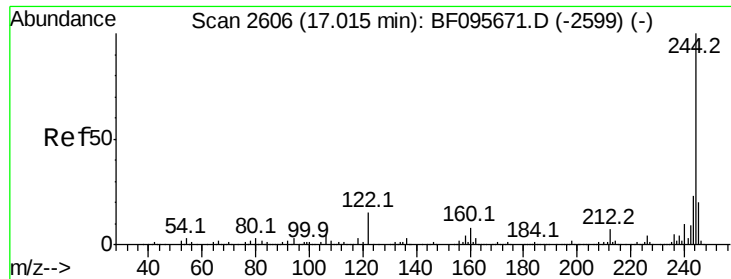
Tot Ion:188 Resp: 297719
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BF095702.D
Acq: 6 Jun 2017 11:23

Tgt Ion:240 Resp: 280921
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.0 20.5 30.7

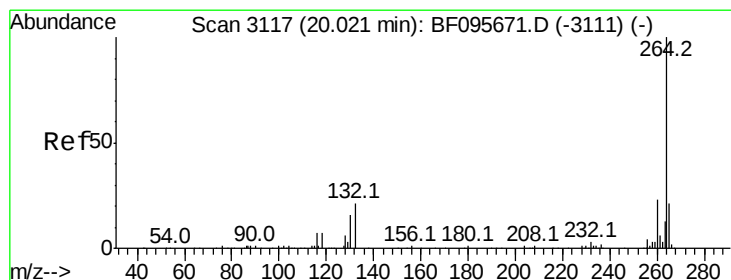
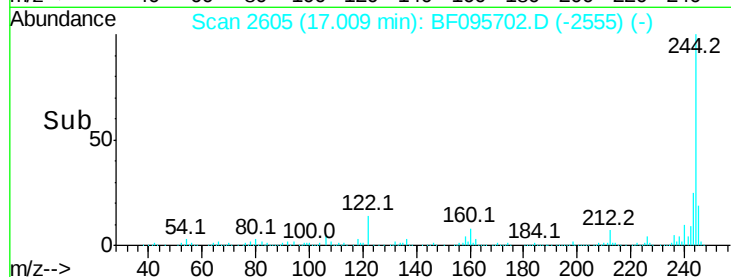
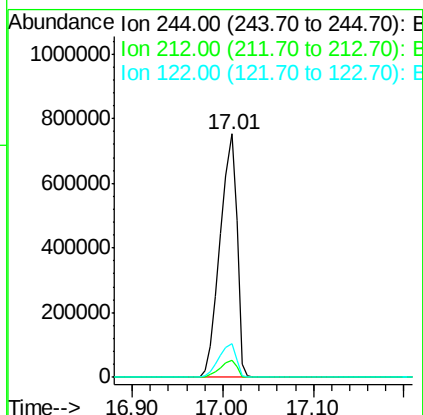
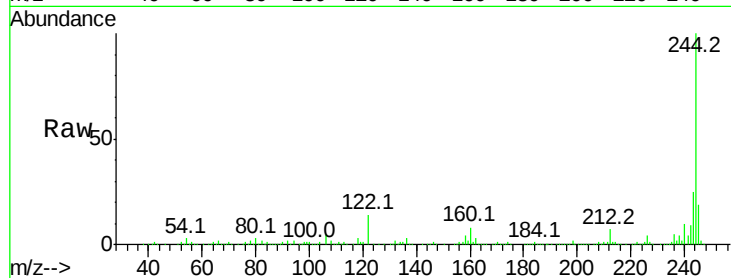




#78
 Terphenyl-d14
 Concen: 85.43 ng
 RT: 17.01 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 967058
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BF095702.D
 Acq: 6 Jun 2017 11:23

Tgt Ion:264 Resp: 197174
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.1 17.2 25.8

