

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095619.D
 Acq On : 2 Jun 2017 5:29
 Operator : SJ/MA
 Sample : I3420-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 08:06:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

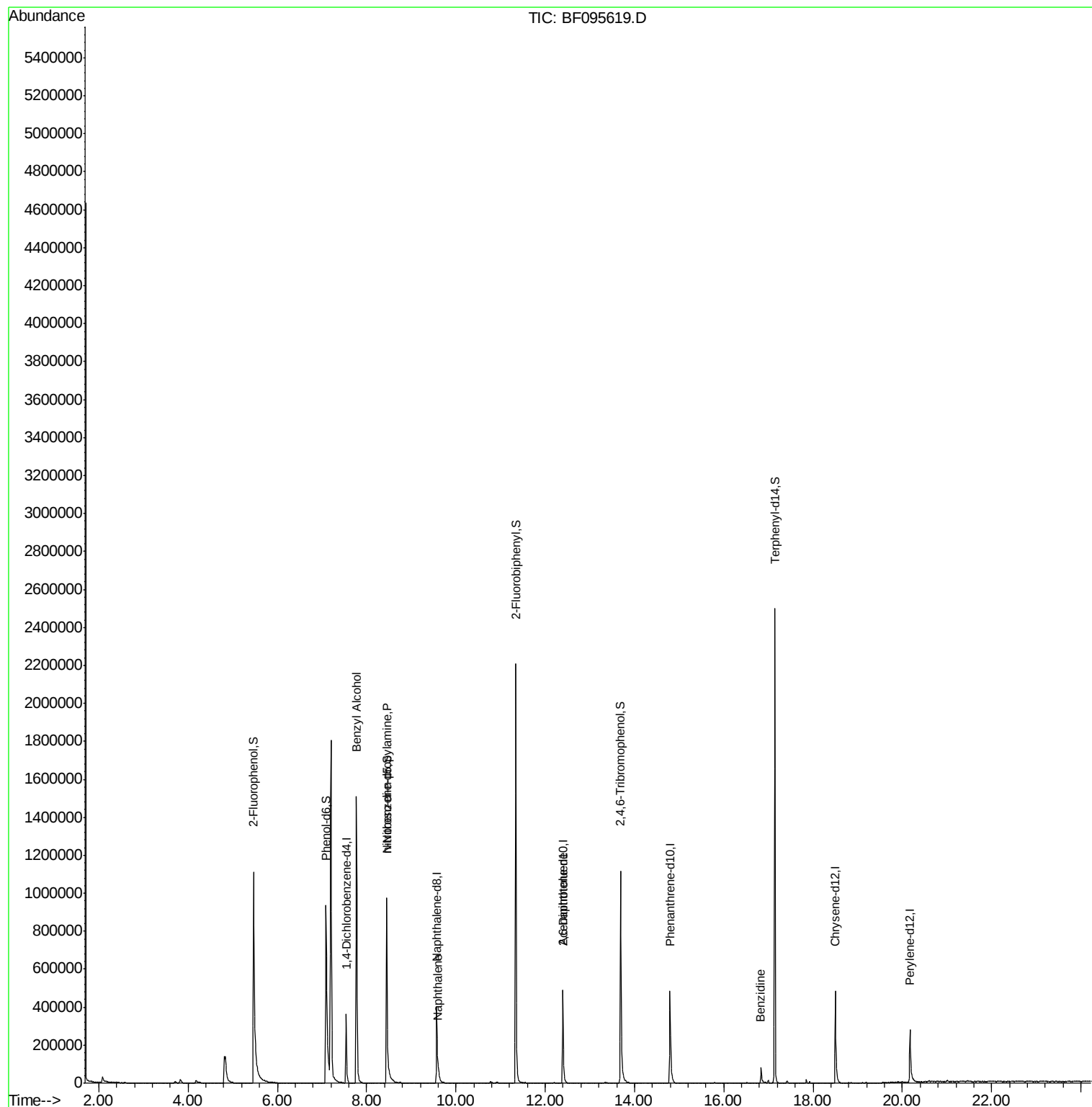
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	86673	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	363821	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	165384	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	336323	20.00	ng	0.00
75) Chrysene-d12	18.50	240	297339	20.00	ng	0.00
86) Perylene-d12	20.17	264	187647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	773375	148.76	ng	0.02
7) Phenol-d6	7.09	99	854373	136.97	ng	0.00
23) Nitrobenzene-d5	8.45	82	578666	100.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	226277	167.06	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1147424	99.86	ng	0.00
78) Terphenyl-d14	17.15	244	1049638	77.75	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.77	79	9132	2.28	ng	# 35
19) n-Nitroso-di-n-propylamine	8.45	70	71265	16.89	ng	# 76
31) Naphthalene	9.60	128	55061	3.01	ng	97
50) 2,6-Dinitrotoluene	12.39	165	20304	7.33	ng	# 31
76) Benzidine	16.83	184	71403	14.25	ng	# 92

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
Data File : BF095619.D
Acq On : 2 Jun 2017 5:29
Operator : SJ/MA
Sample : I3420-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 02 08:06:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration



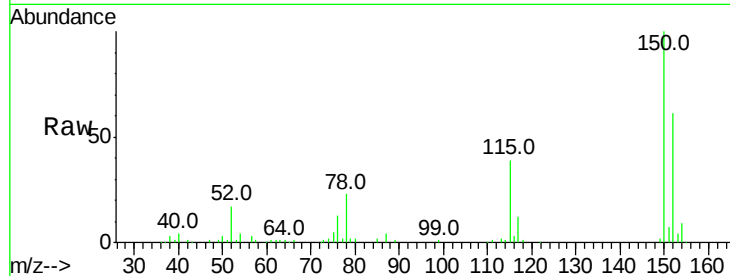


#1

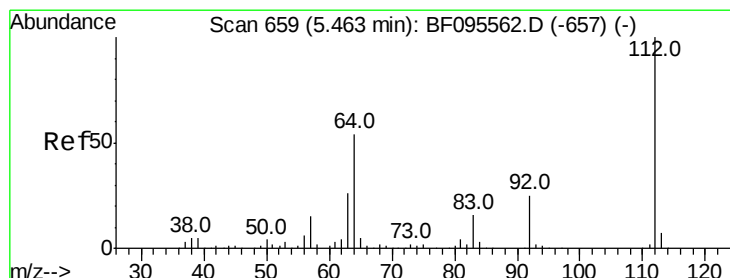
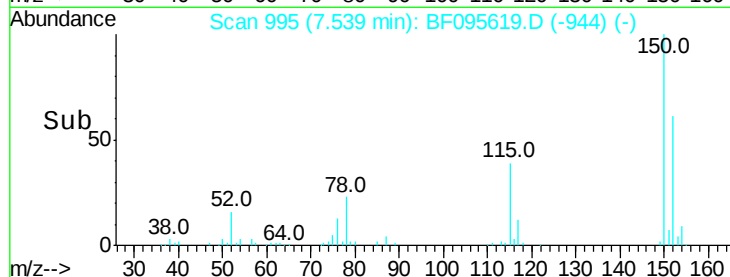
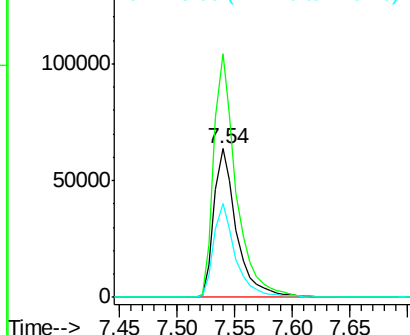
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	126.2	189.2
115	63.5	52.2	78.2



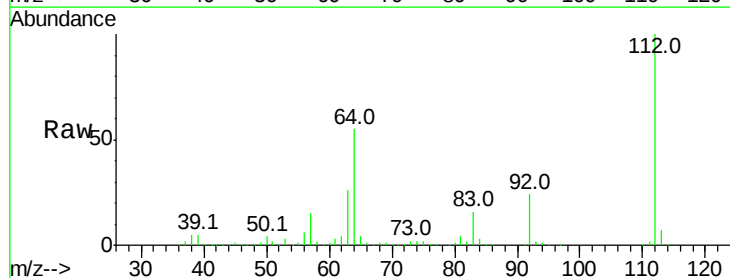
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



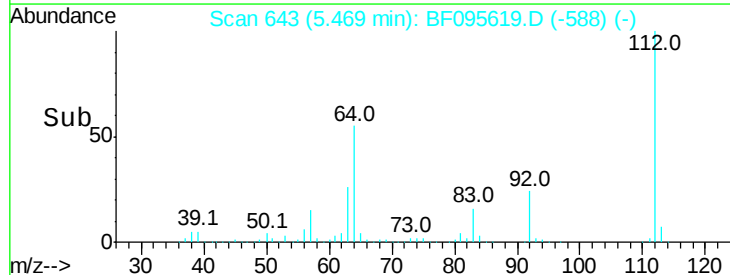
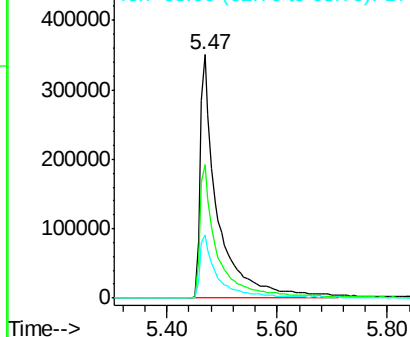
#5

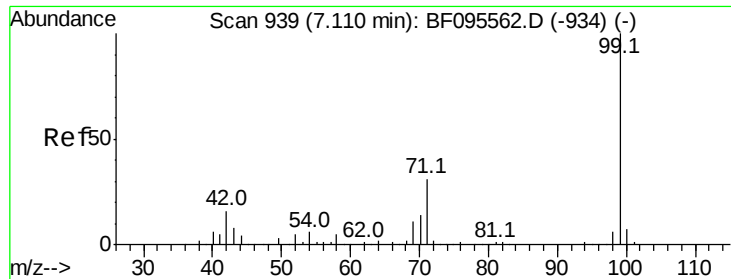
2-Fluorophenol
 Concen: 148.76 ng
 RT: 5.47 min Scan# 643
 Delta R.T. 0.02 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.0	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: 136.97 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampled :

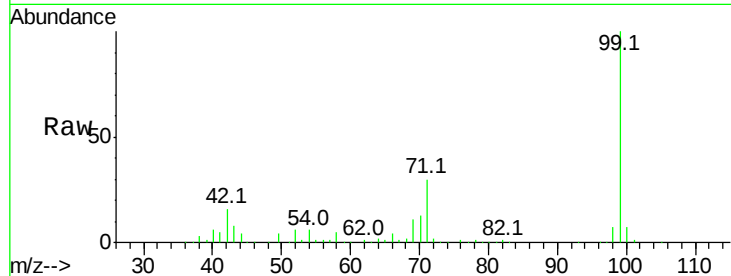
Tot Ion: 99 Resp: 854373

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

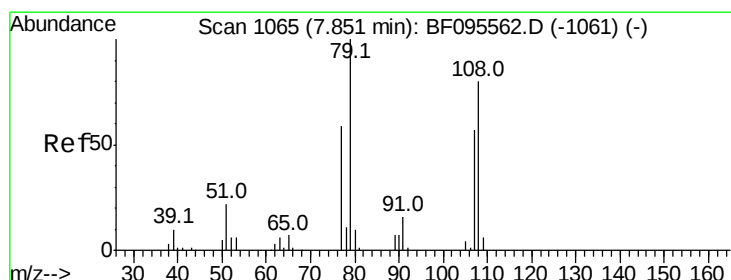
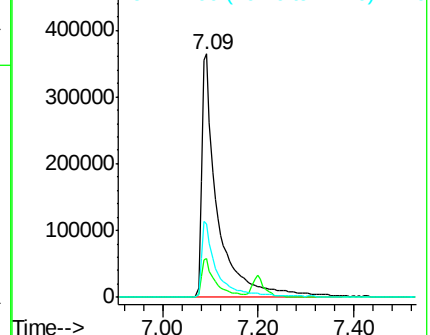
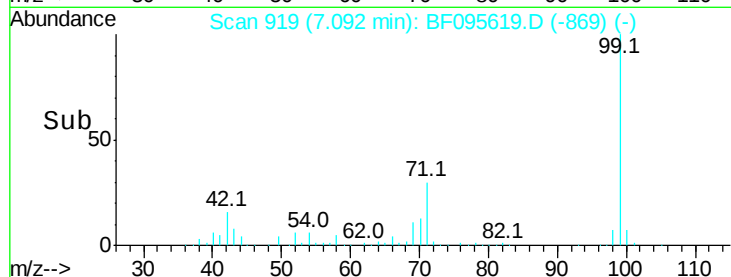
71 30.4 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 7.77 min Scan# 1034

Delta R.T. -0.07 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

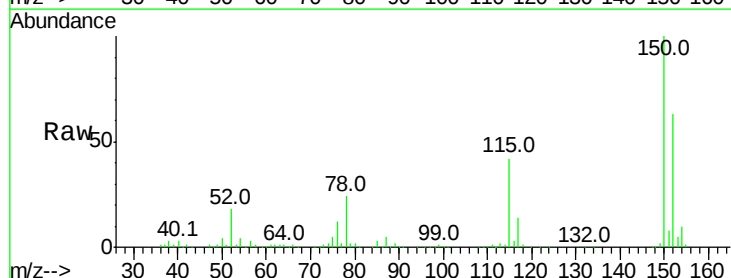
Tgt Ion: 79 Resp: 9132

Ion Ratio Lower Upper

79 100

108 24.8 63.4 95.0#

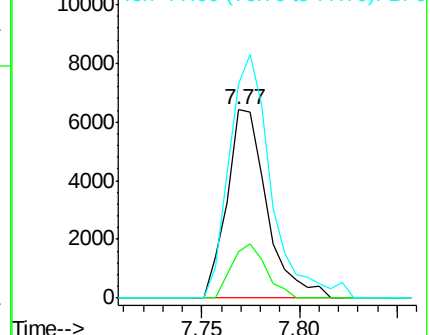
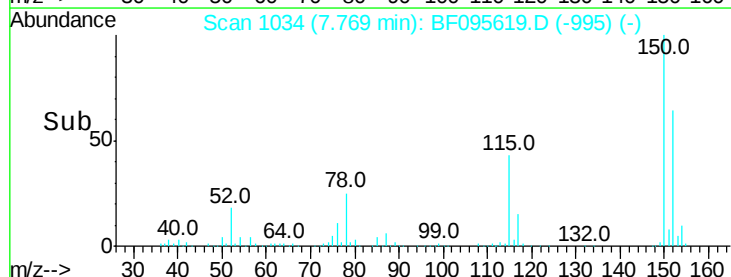
77 114.3 49.2 73.8#

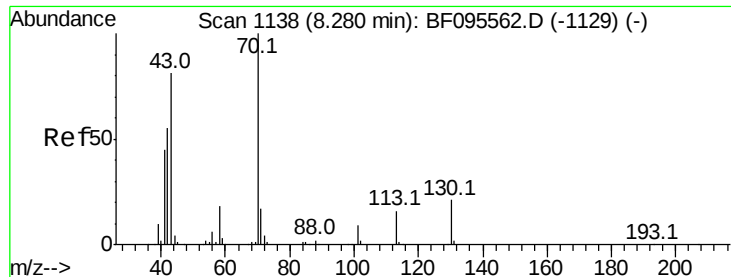


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

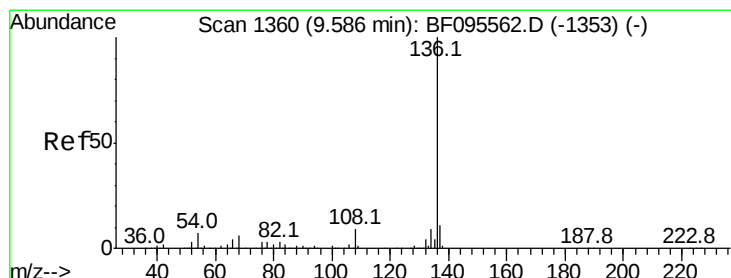
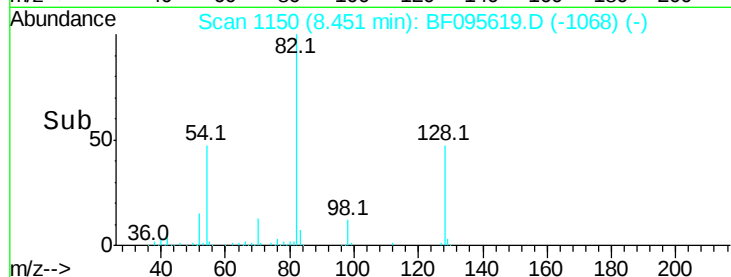
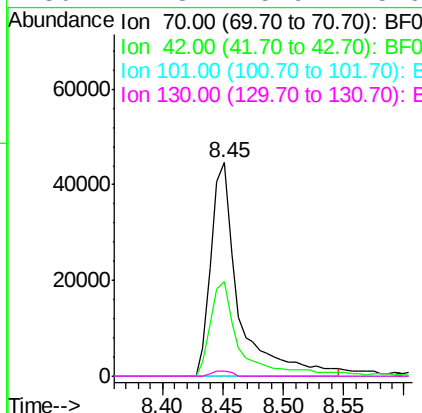
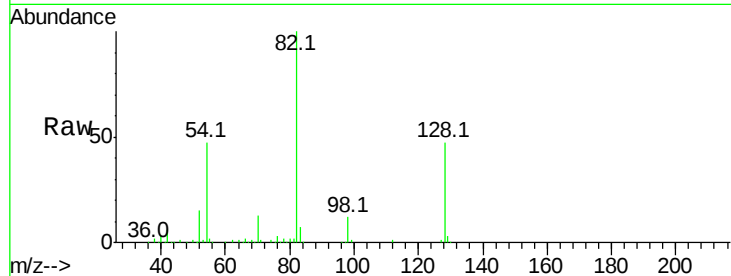




#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

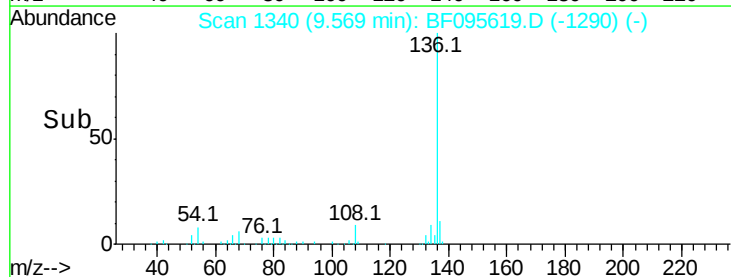
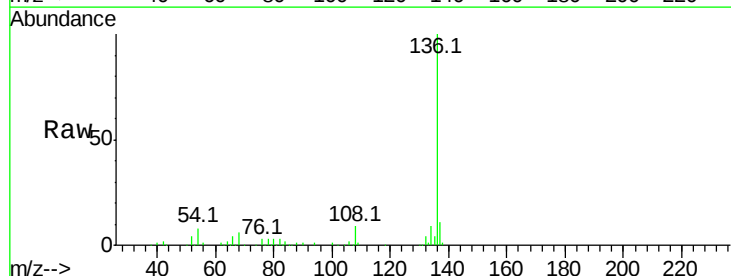
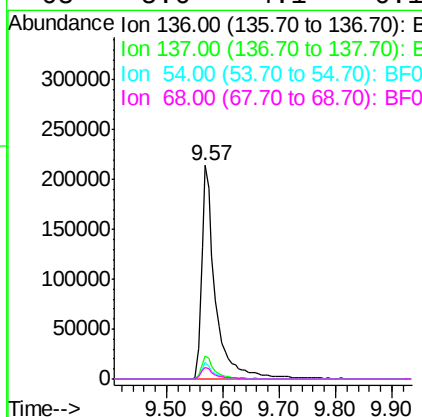
Instrument :
BNA_F
ClientSampleId :

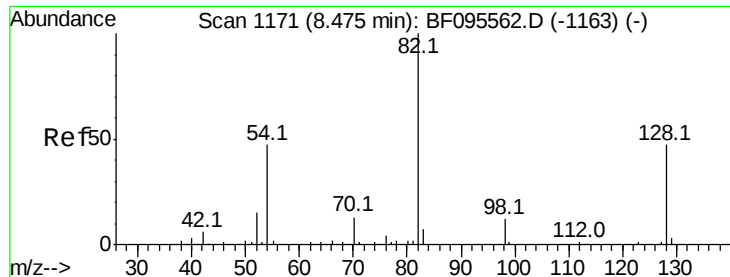
Tot Ion: 70 Resp: 71265
Ion Ratio Lower Upper
70 100
42 44.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:136 Resp: 363821
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.6 4.9 7.3#
68 5.6 4.1 6.1

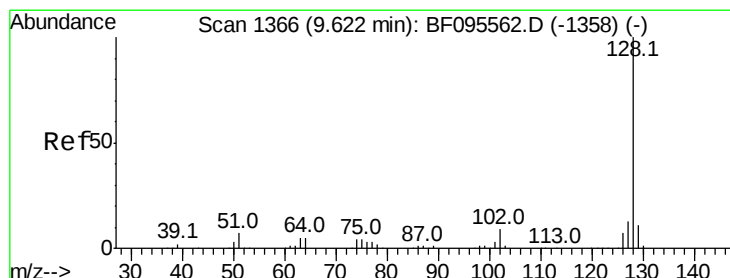
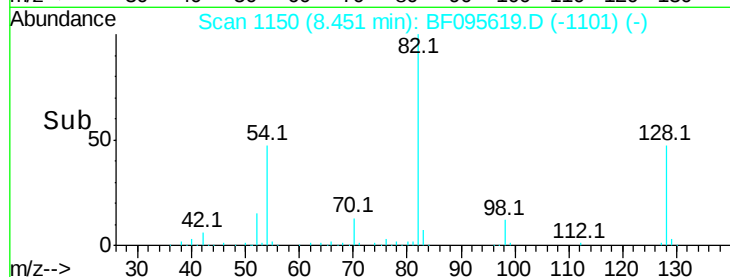
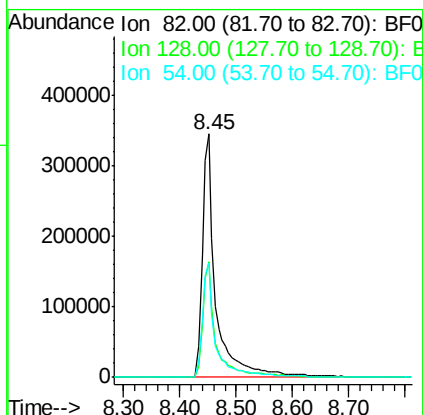
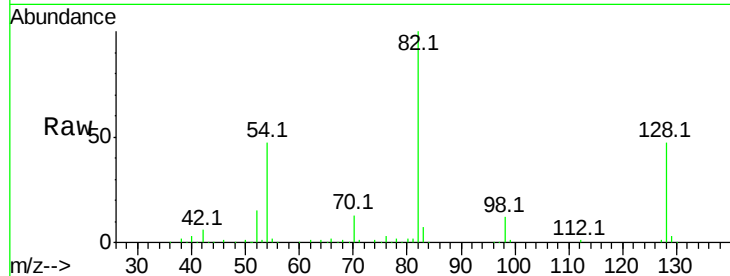




#23
 Nitrobenzene-d5
 Concen: 100.30 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

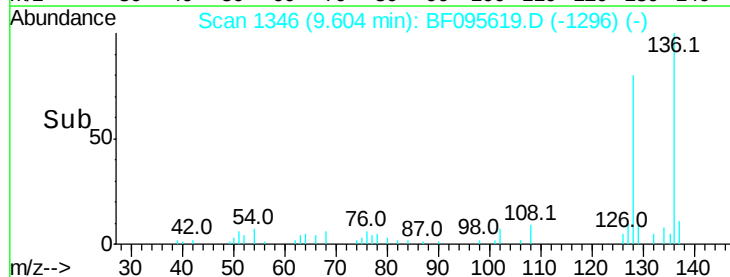
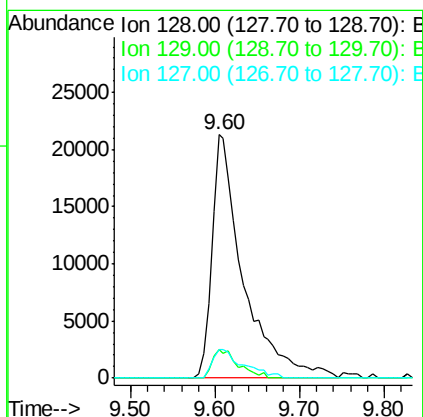
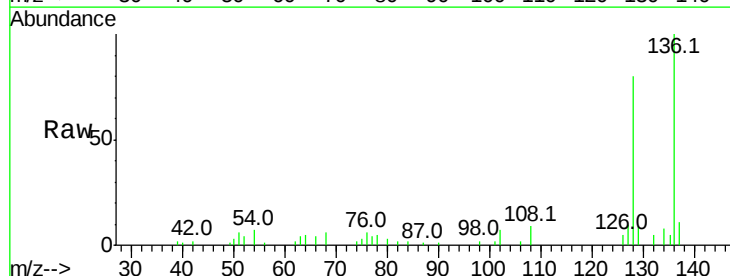
Instrument :
 BNA_F
 ClientSampled :

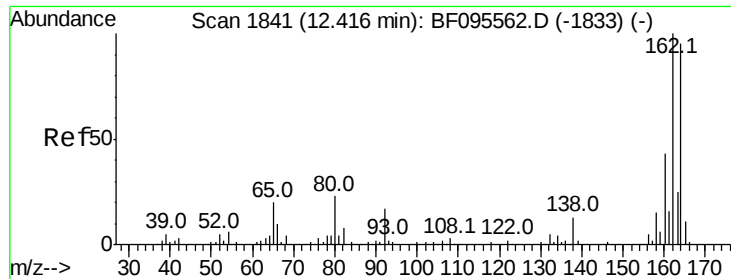
Tot Ion: 82 Resp: 578666
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 47.0 42.2 63.2



#31
 Naphthalene
 Concen: 3.01 ng
 RT: 9.60 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion:128 Resp: 55061
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.0 13.6
 127 12.0 10.8 16.2

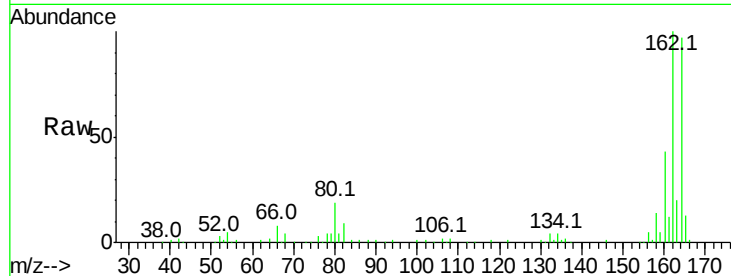




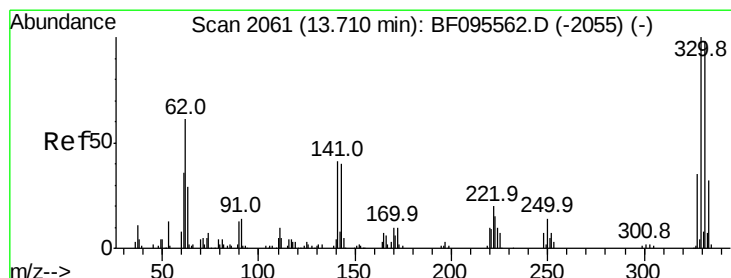
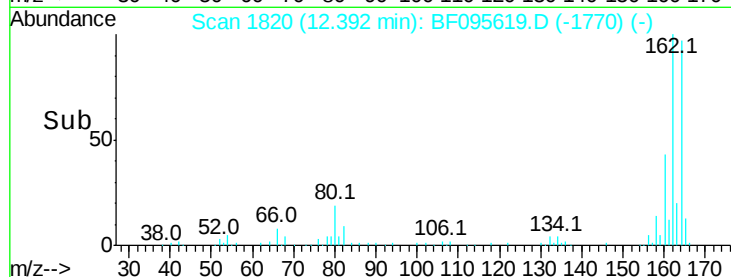
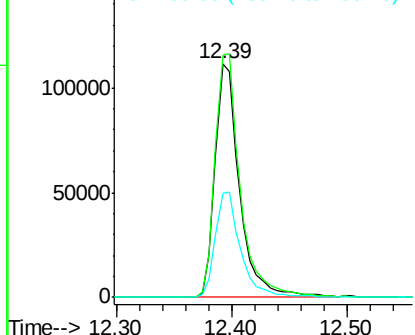
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 165384
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 44.4 36.2 54.2

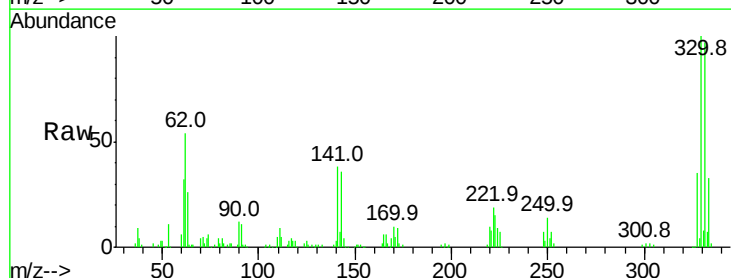


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

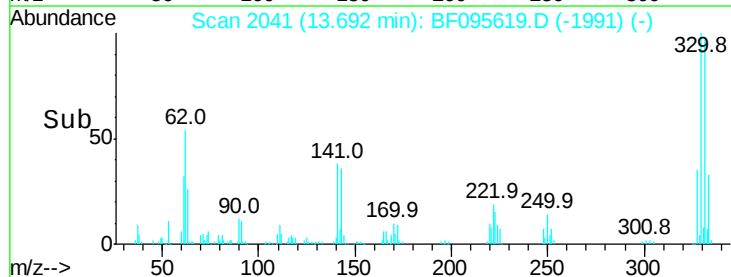
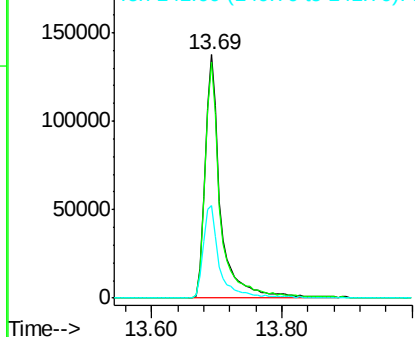


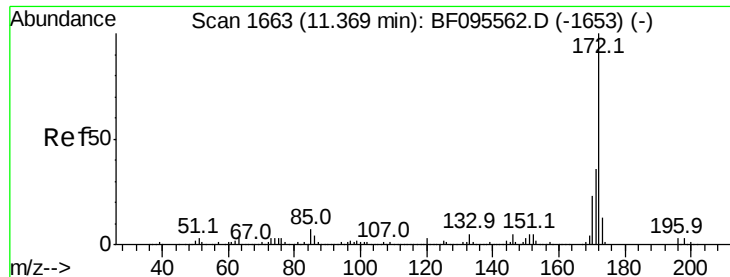
#41
 2,4,6-Tribromophenol
 Concen: 167.06 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion:330 Resp: 226277
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.2 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

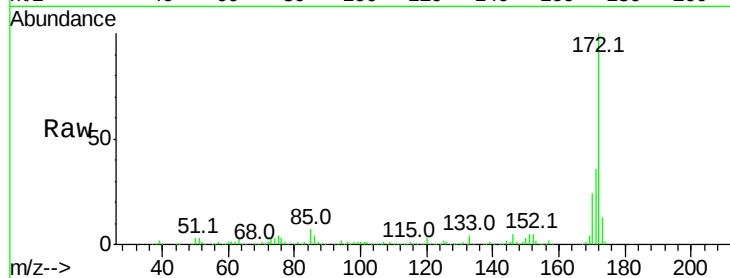




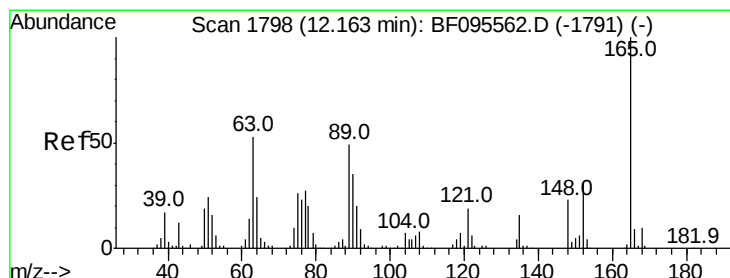
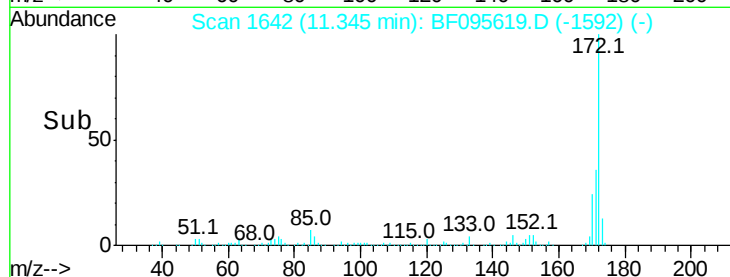
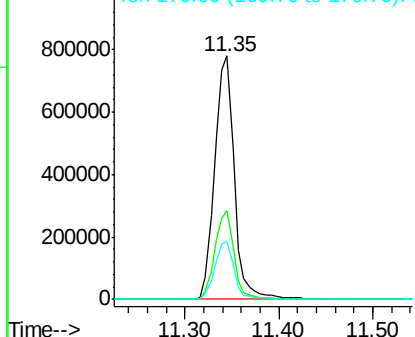
#44
2-Fluorobiphenyl
Concen: 99.86 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1147424
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.6 19.8 29.8

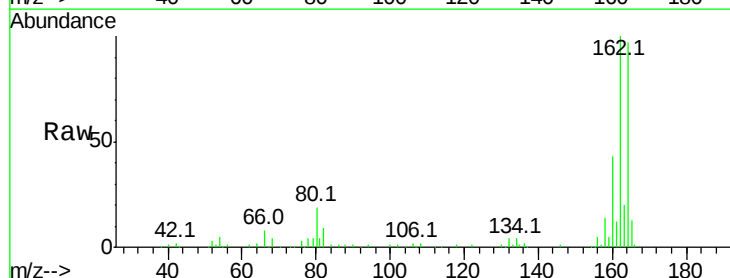


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

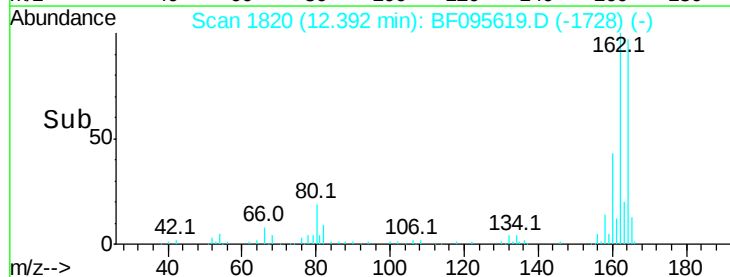
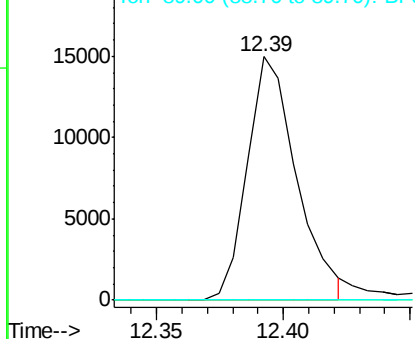


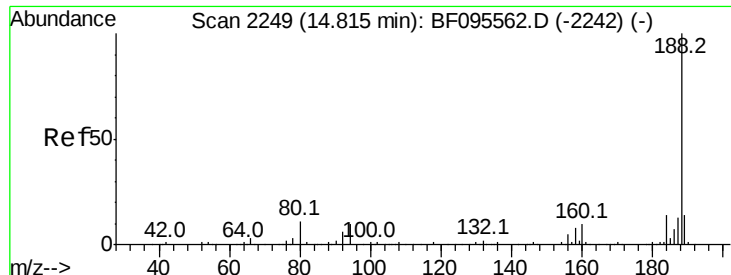
#50
2,6-Dinitrotoluene
Concen: 7.33 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:165 Resp: 20304
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

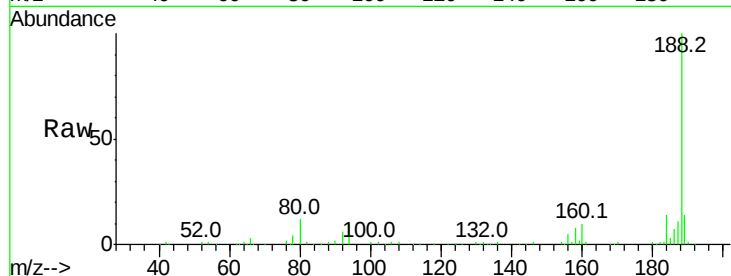




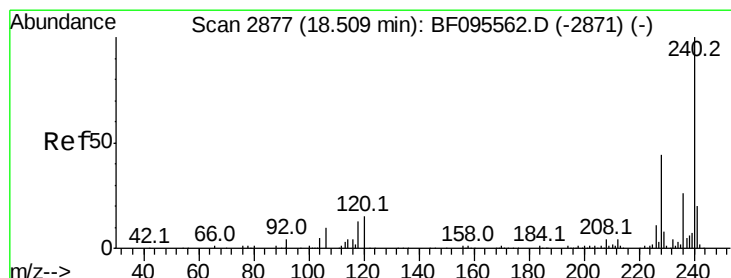
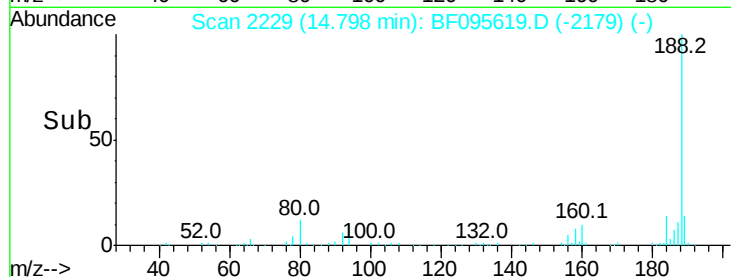
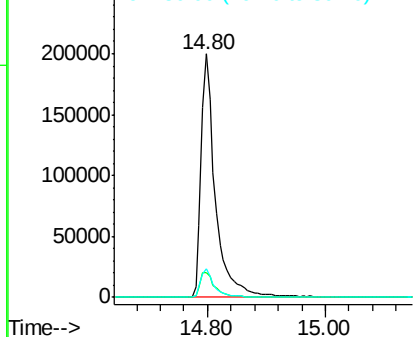
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 336323
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.5 10.2 15.2

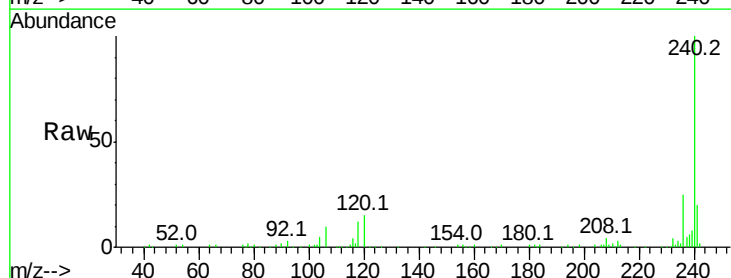


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

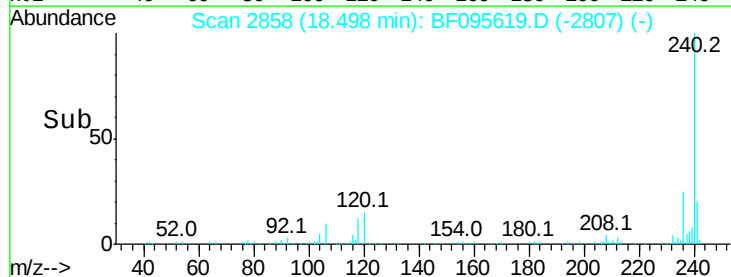
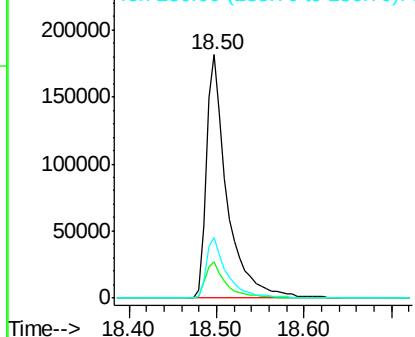


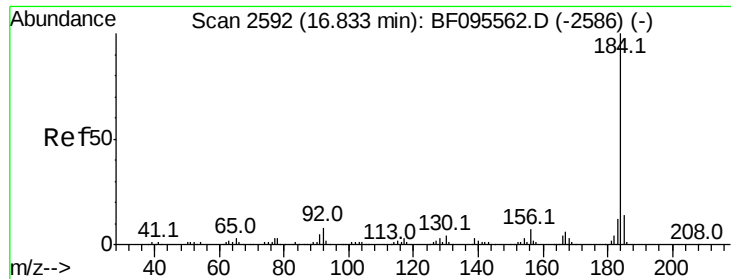
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:240 Resp: 297339
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 24.7 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

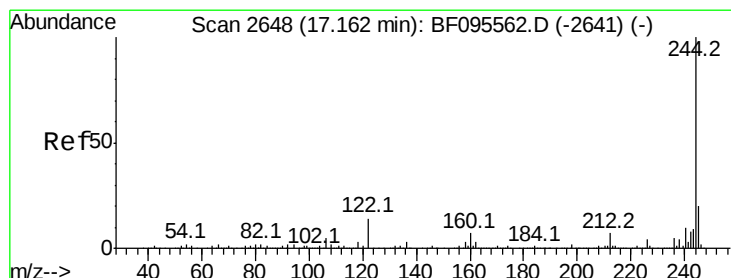
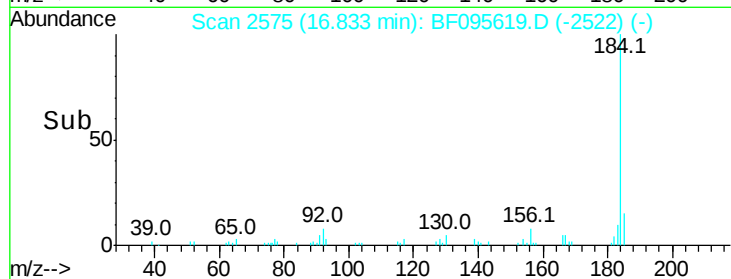
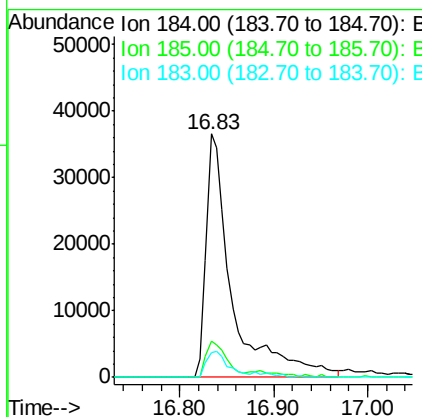
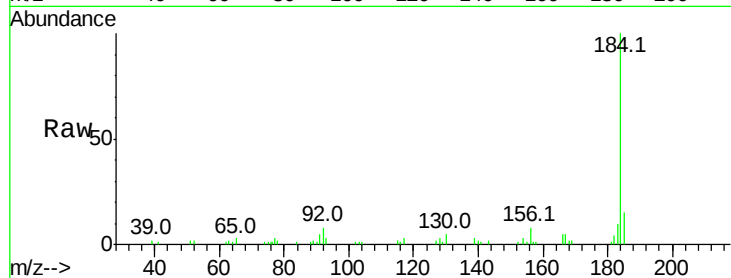




#76
Benzidine
Concen: 14.25 ng
RT: 16.83 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

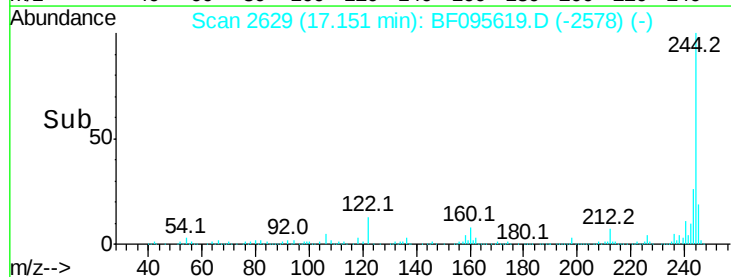
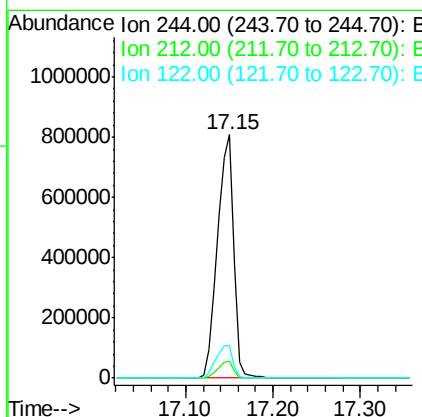
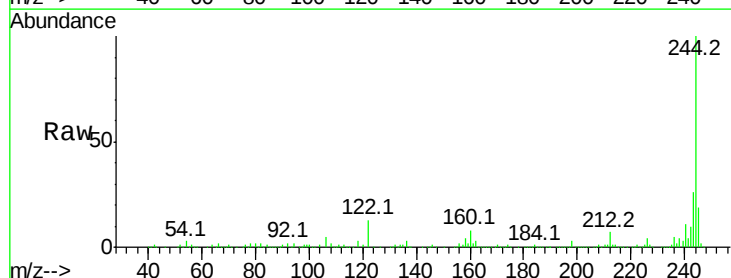
Instrument :
BNA_F
ClientSampleId :

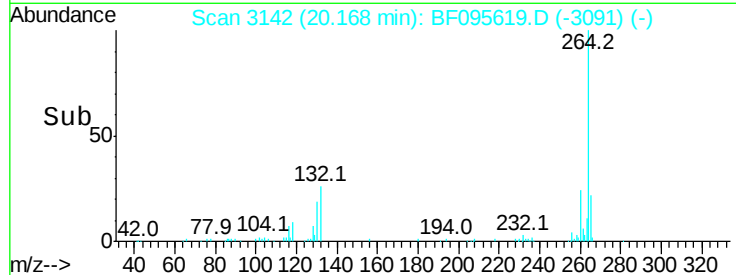
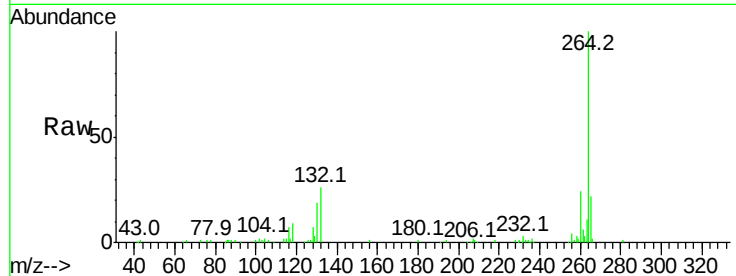
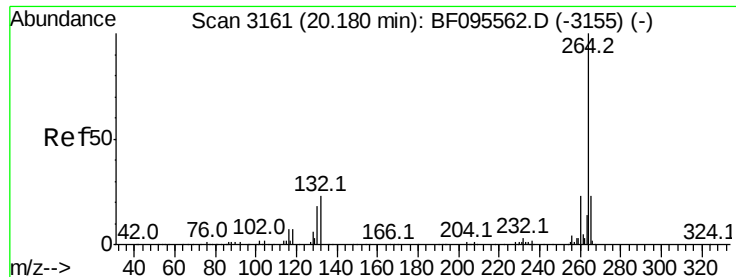
Tot Ion:184 Resp: 71403
Ion Ratio Lower Upper
184 100
185 15.0 15.5 23.3#
183 10.3 9.8 14.6



#78
Terphenyl-d14
Concen: 77.75 ng
RT: 17.15 min Scan# 2629
Delta R.T. 0.00 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:244 Resp: 1049638
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.3 10.3 15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	187647
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.9	17.2	25.8

