

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095882.D
 Acq On : 12 Jun 2017 20:39
 Operator : SJ/MA
 Sample : I3594-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:34:19 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

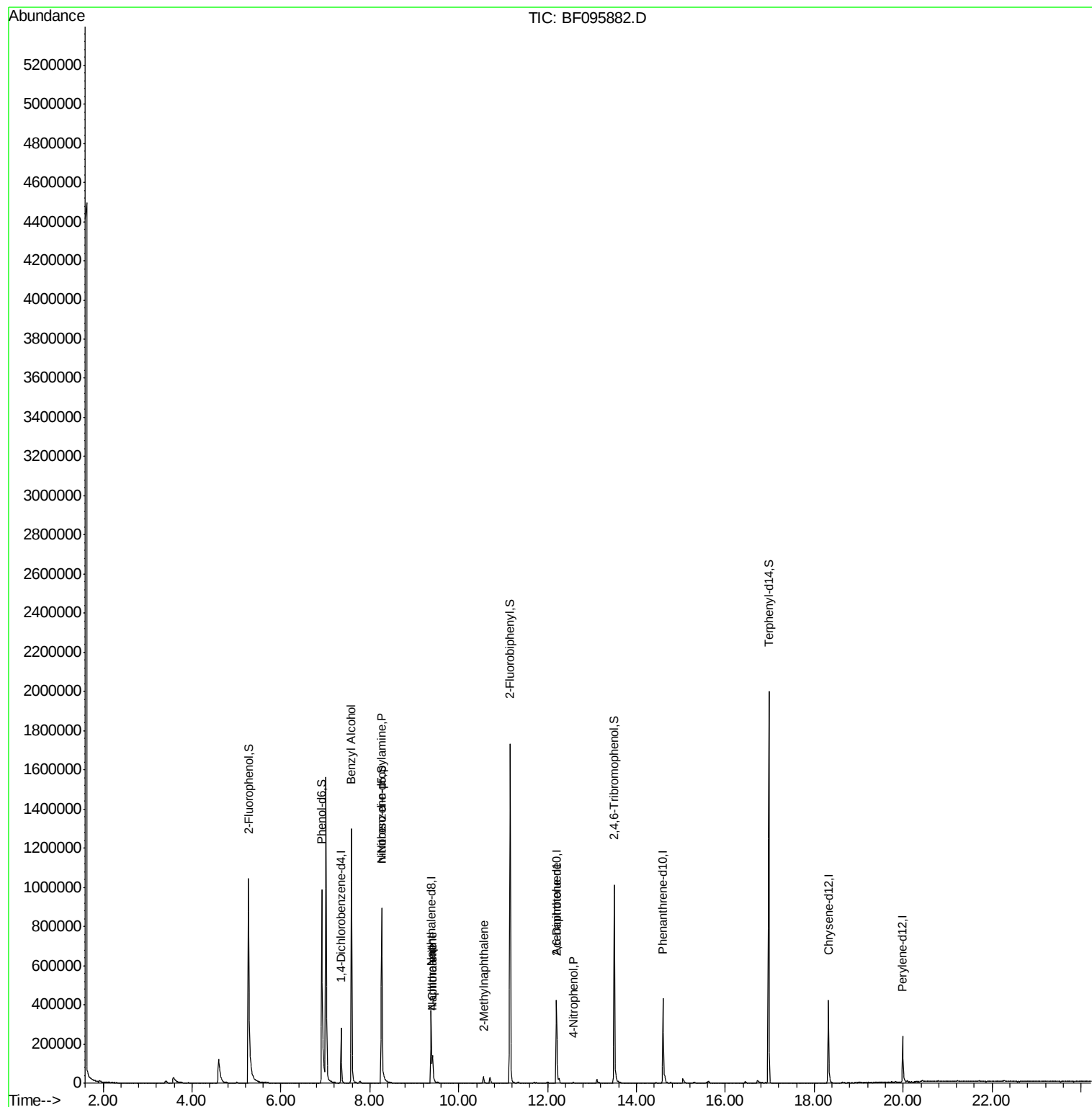
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66497	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	281896	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	134131	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	256973	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	211374	20.00	ng	-0.04
86) Perylene-d12	19.99	264	135297	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	644084	154.34	ng	-0.02
7) Phenol-d6	6.92	99	707171	141.55	ng	-0.04
23) Nitrobenzene-d5	8.27	82	490032	107.96	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	194496	163.89	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	977391	101.40	ng	-0.05
78) Terphenyl-d14	16.98	244	919365	107.94	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	7.59	79	7066	2.06	ng	# 31
19) n-Nitroso-di-n-propylamine	8.27	70	60273	19.04	ng	# 78
31) Naphthalene	9.41	128	119290	8.43	ng	98
33) 4-Chloroaniline	9.41	127	15327	2.77	ng	# 26
37) 2-Methylnaphthalene	10.55	142	20138	2.11	ng	95
50) 2,6-Dinitrotoluene	12.20	165	16676	7.51	ng	# 31
55) 4-Nitrophenol	12.57	139	1784	5.74	ng	# 25

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

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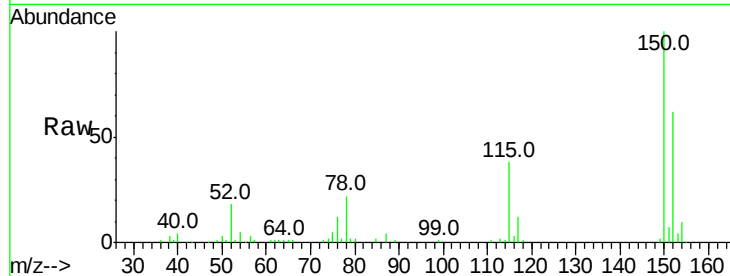


#1

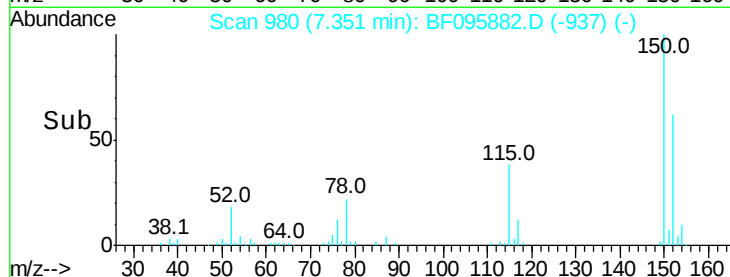
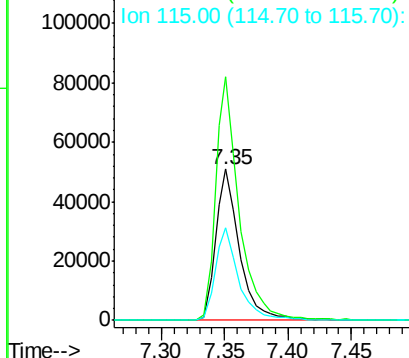
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 66497
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 61.5 52.2 78.2



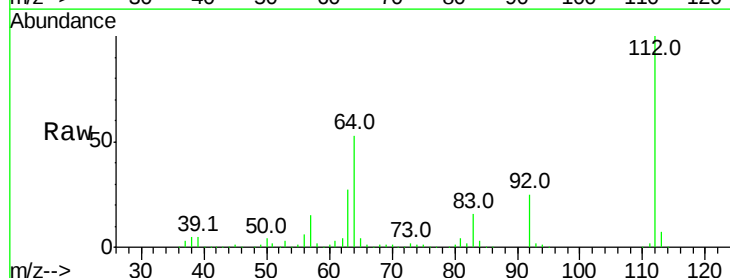
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



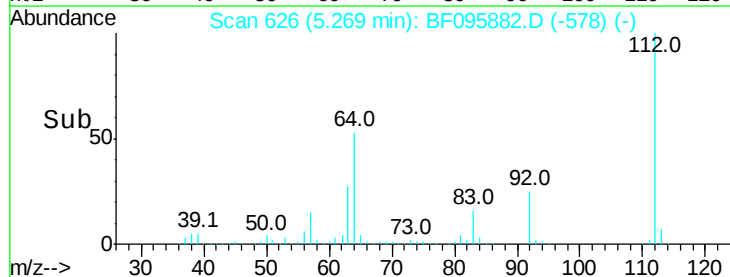
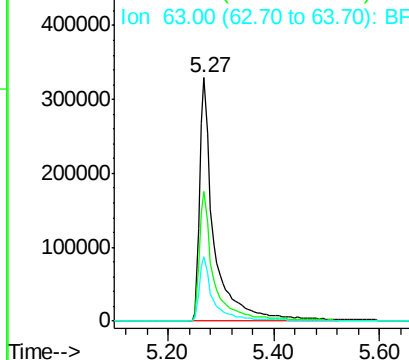
#5

2-Fluorophenol
Concen: 154.34 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:112 Resp: 644084
Ion Ratio Lower Upper
112 100
64 53.5 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: 141.55 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095882.D

Acq: 12 Jun 2017 20:39

Instrument :

BNA_F

ClientSampled :

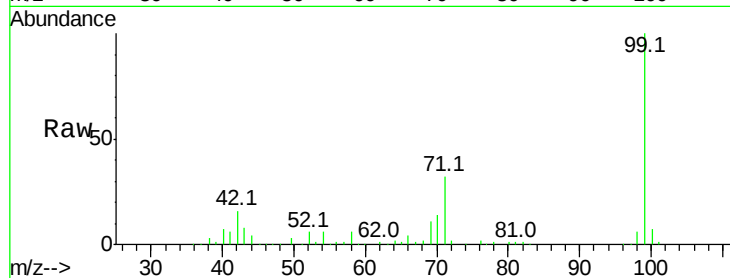
Tot Ion: 99 Resp: 707171

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

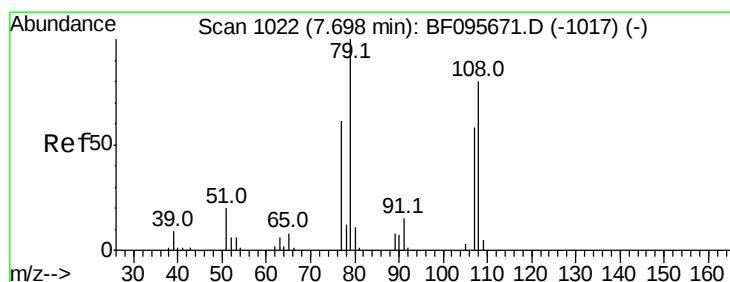
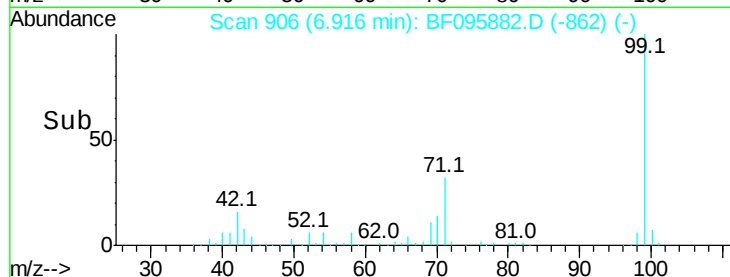
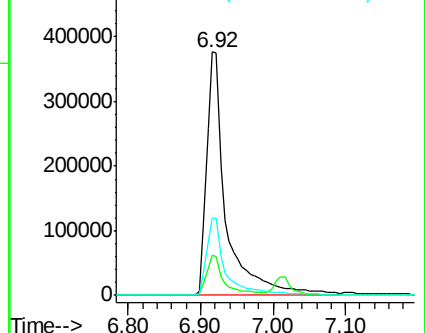
71 31.9 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.59 min Scan# 1020

Delta R.T. -0.11 min

Lab File: BF095882.D

Acq: 12 Jun 2017 20:39

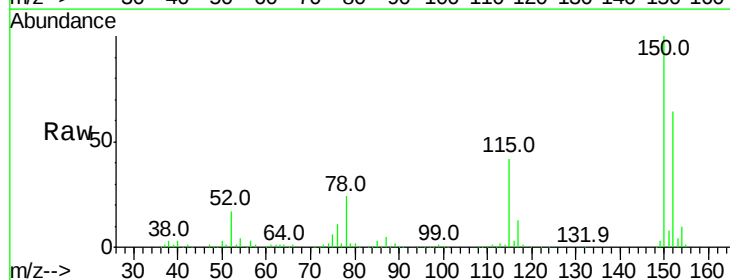
Tgt Ion: 79 Resp: 7066

Ion Ratio Lower Upper

79 100

108 25.8 63.4 95.0#

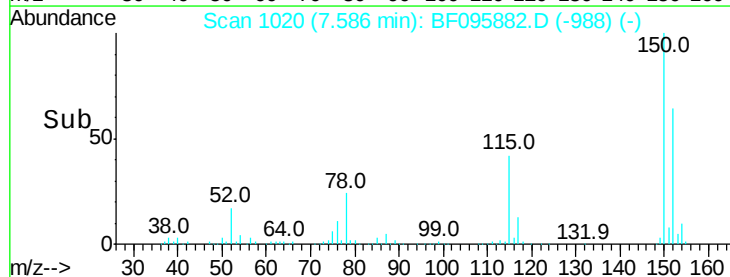
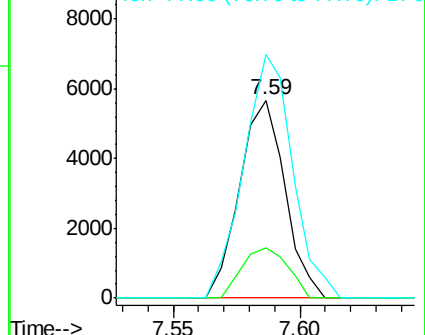
77 123.2 49.2 73.8#

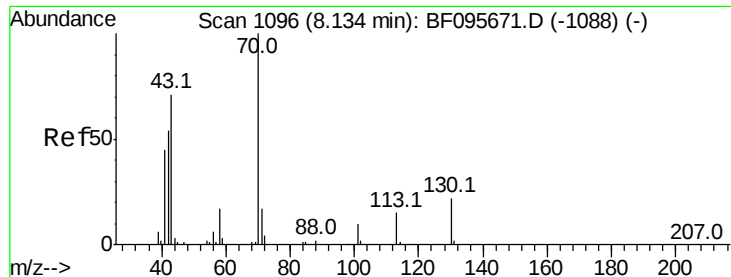


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

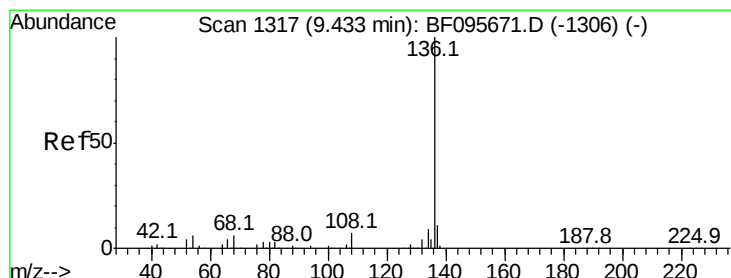
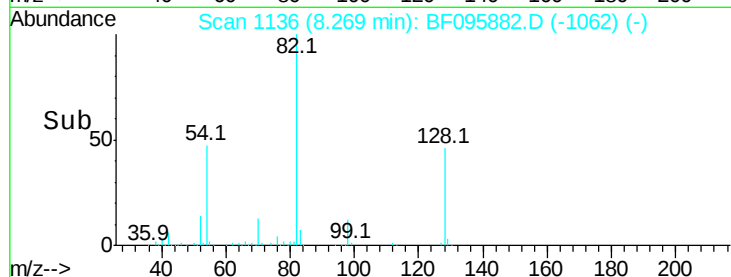
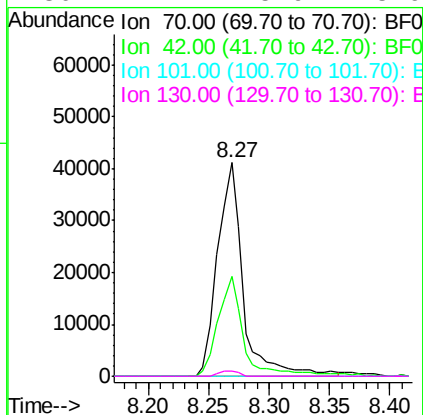
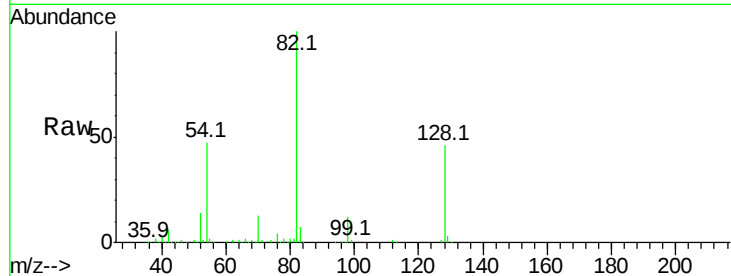




#19
n-Nitroso-di-n-propylamine
Concen: 19.04 ng
RT: 8.27 min Scan# 1136
Delta R.T. 0.14 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

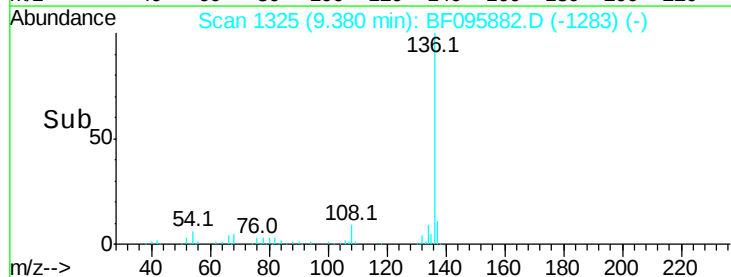
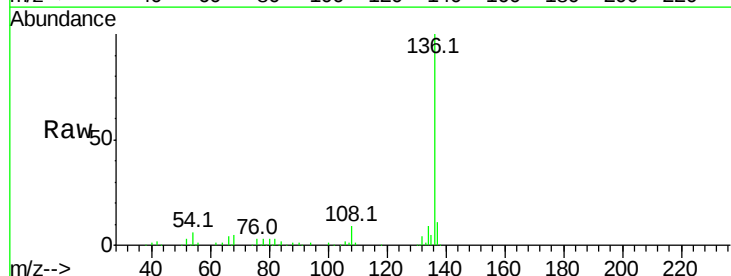
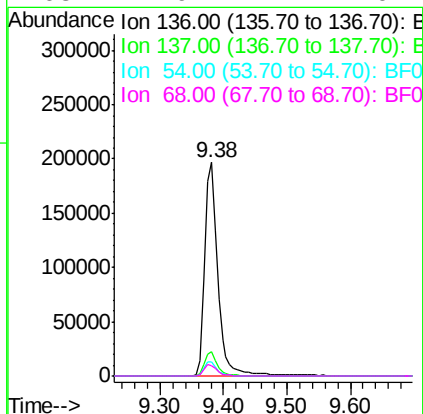
Instrument :
BNA_F
ClientSampleId :

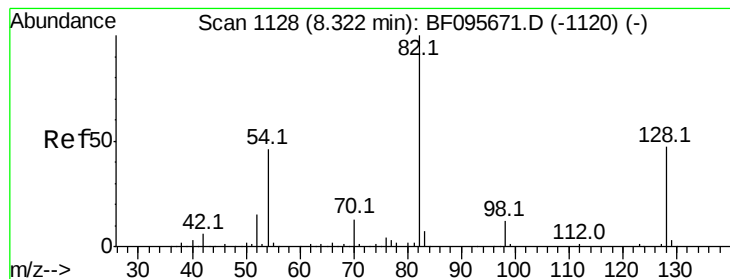
Tot Ion: 70 Resp: 60273
Ion Ratio Lower Upper
70 100
42 47.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:136 Resp: 281896
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.3 4.9 7.3
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 107.96 ng

RT: 8.27 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF095882.D

Acq: 12 Jun 2017 20:39

Instrument :

BNA_F

ClientSampled :

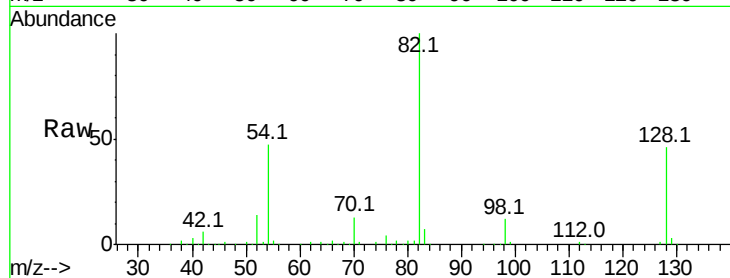
Tot Ion: 82 Resp: 490032

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

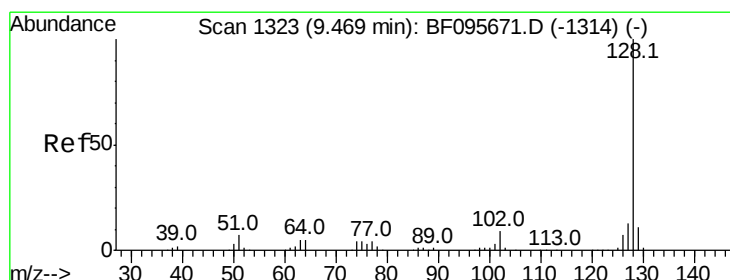
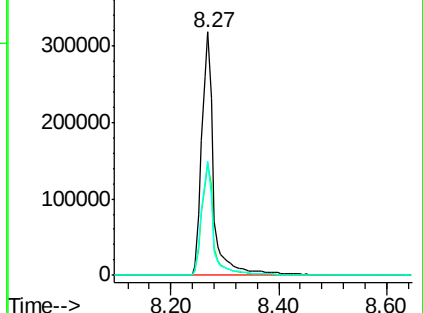
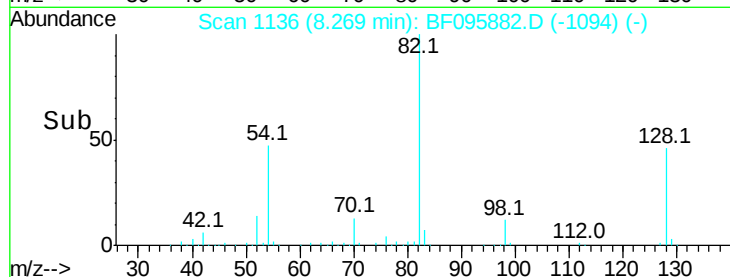
54 46.9 42.2 63.2



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: 8.43 ng

RT: 9.41 min Scan# 1330

Delta R.T. -0.06 min

Lab File: BF095882.D

Acq: 12 Jun 2017 20:39

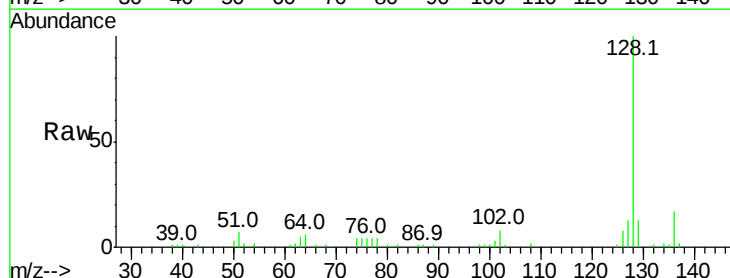
Tgt Ion:128 Resp: 119290

Ion Ratio Lower Upper

128 100

129 12.6 9.0 13.6

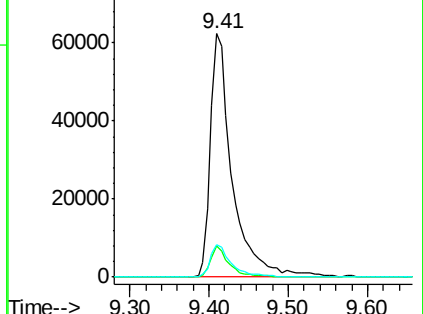
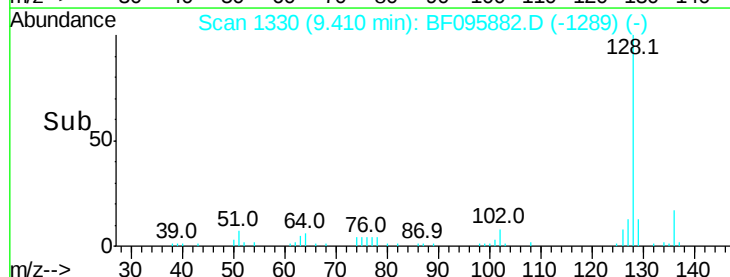
127 13.4 10.8 16.2

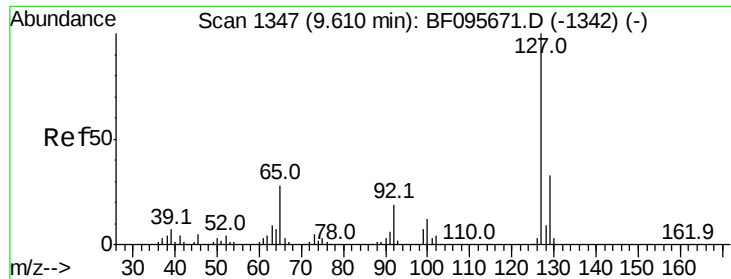


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

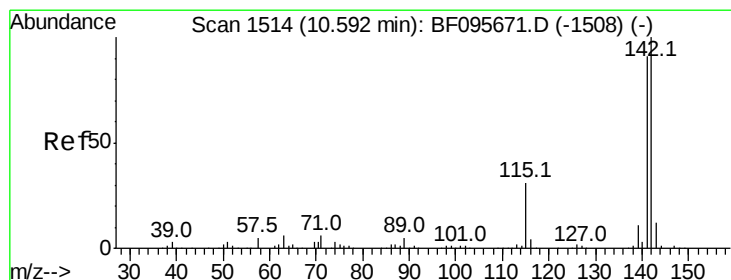
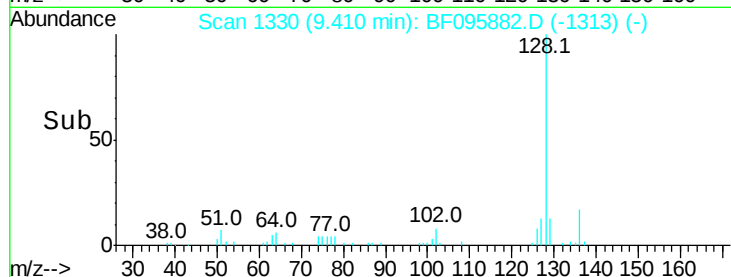
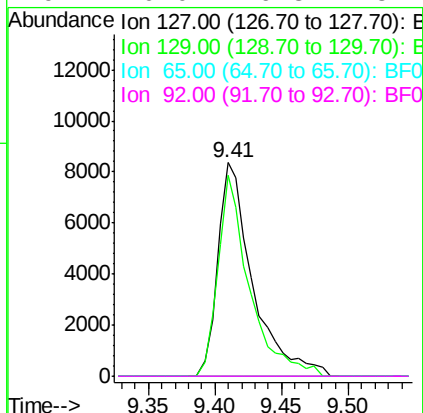
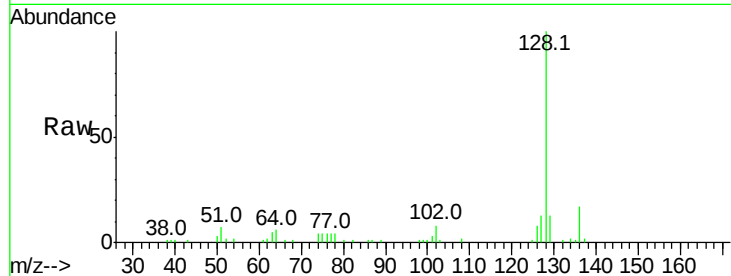




#33
 4-Chloroaniline
 Concen: 2.77 ng
 RT: 9.41 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

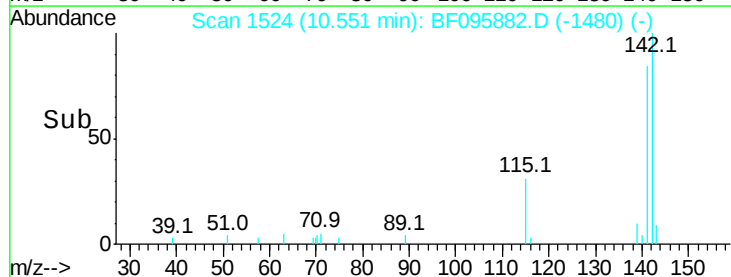
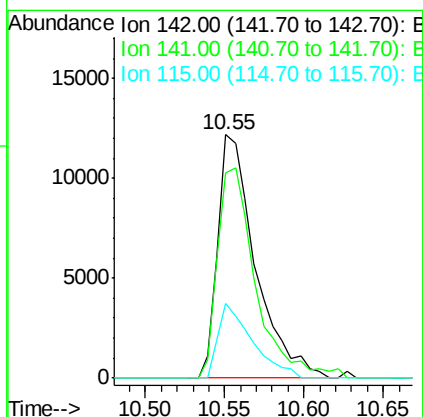
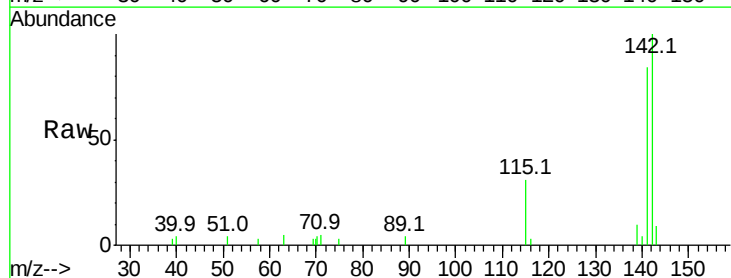
Instrument :
 BNA_F
 ClientSampleId :

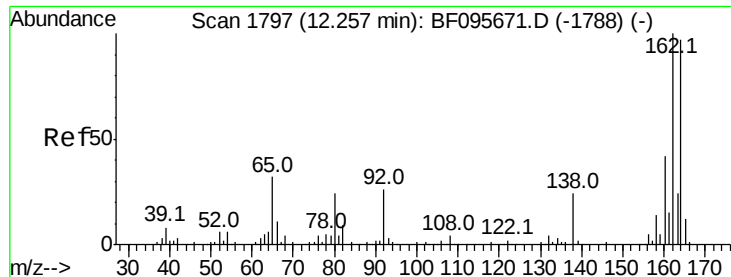
Tot Ion:	127	Resp:	15327
Ion	Ratio	Lower	Upper
127	100		
129	93.8	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
 2-Methylnaphthalene
 Concen: 2.11 ng
 RT: 10.55 min Scan# 1524
 Delta R.T. -0.04 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

Tgt Ion:	142	Resp:	20138
Ion	Ratio	Lower	Upper
142	100		
141	84.3	71.3	106.9
115	30.6	27.1	40.7

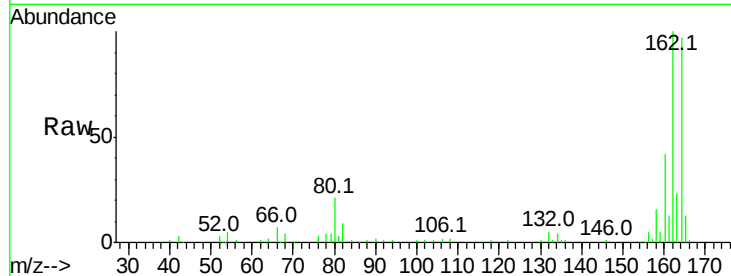




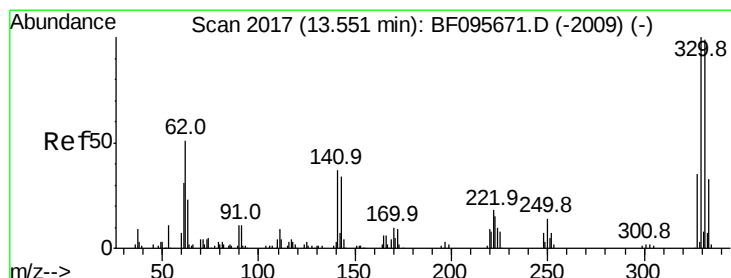
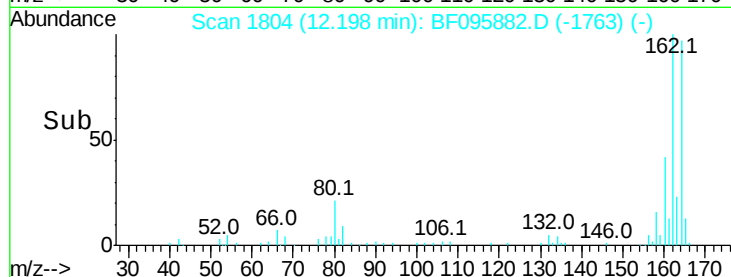
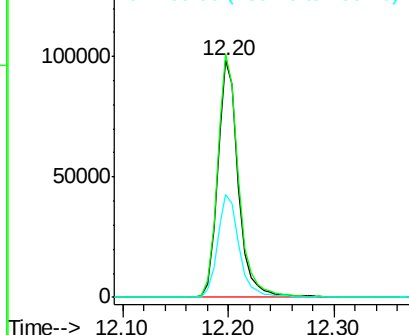
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 134131
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 43.5 36.2 54.2

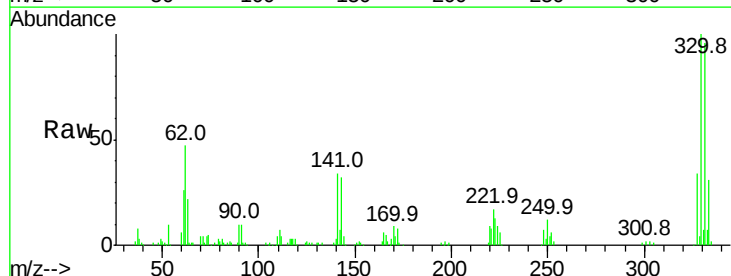


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

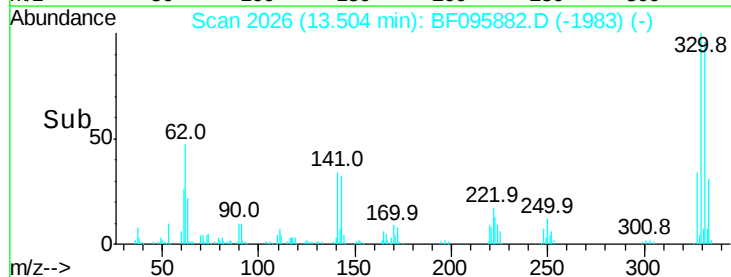
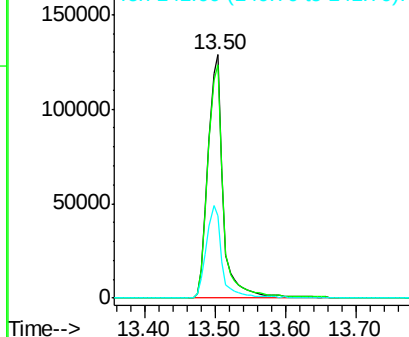


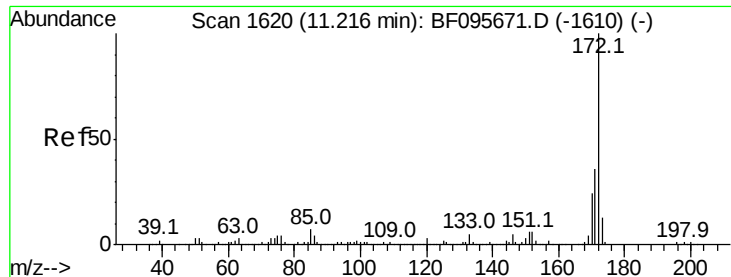
#41
2,4,6-Tribromophenol
Concen: 163.89 ng
RT: 13.50 min Scan# 2026
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:330 Resp: 194496
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 39.1 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

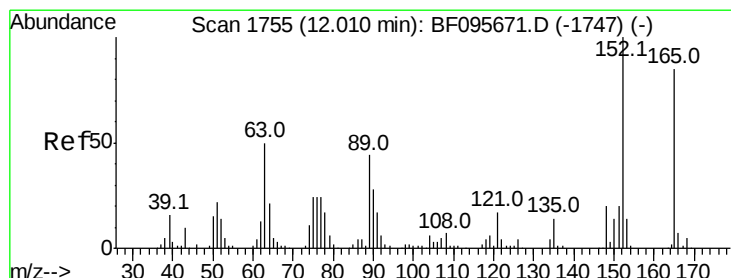
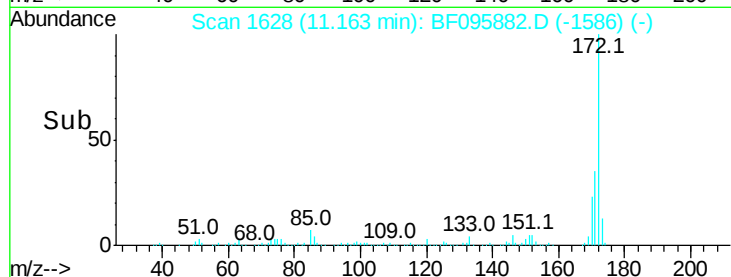
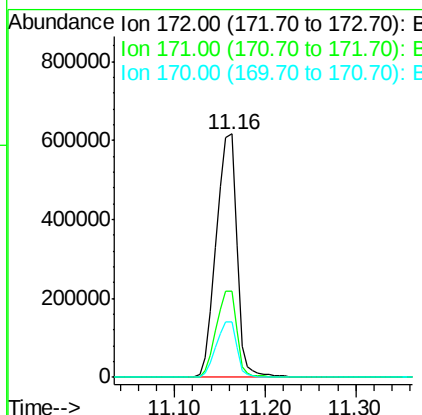
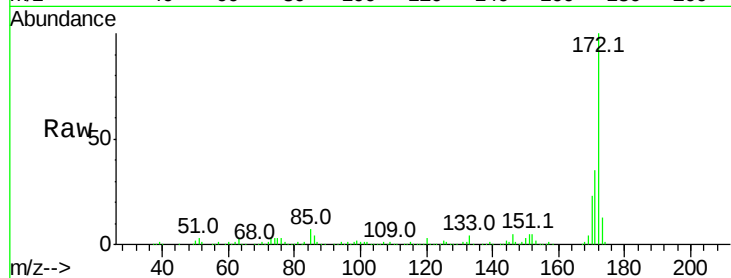




#44
 2-Fluorobiphenyl
 Concen: 101.40 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

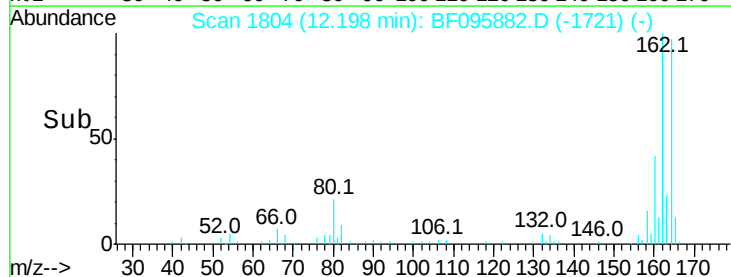
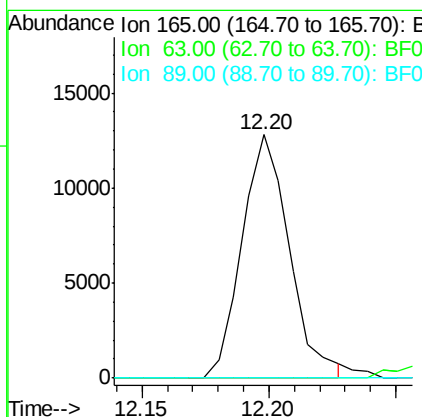
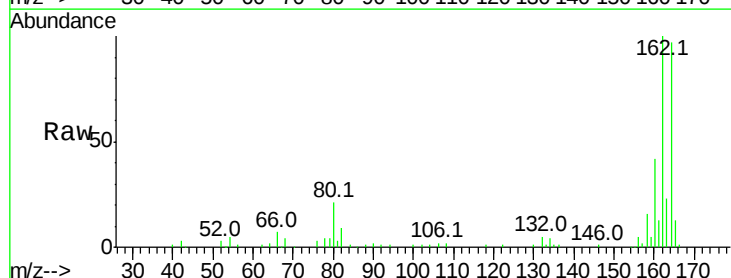
Instrument :
 BNA_F
 ClientSampleId :

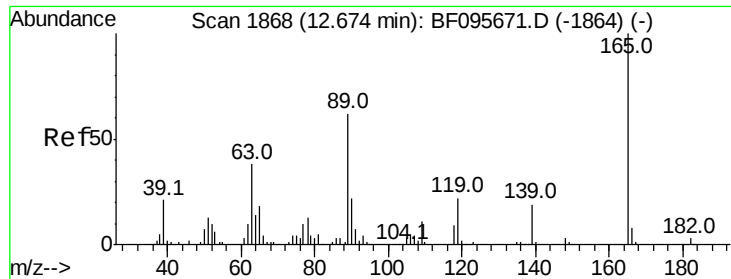
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.8	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.51 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. 0.19 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

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

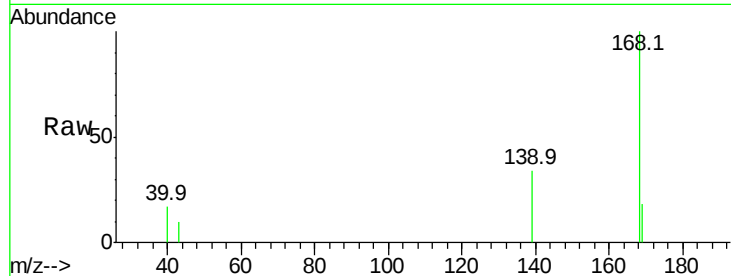




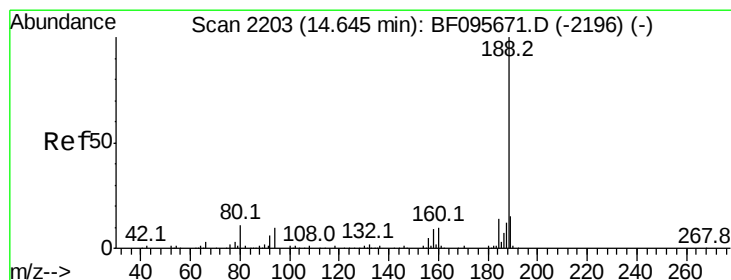
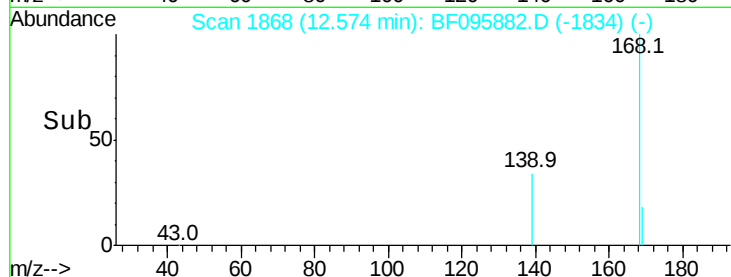
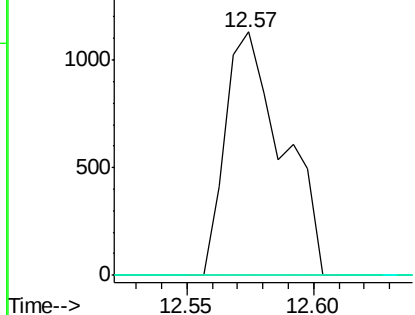
#55
4-Nitrophenol
Concen: 5.74 ng
RT: 12.57 min Scan# 1868
Delta R.T. -0.10 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 1784
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

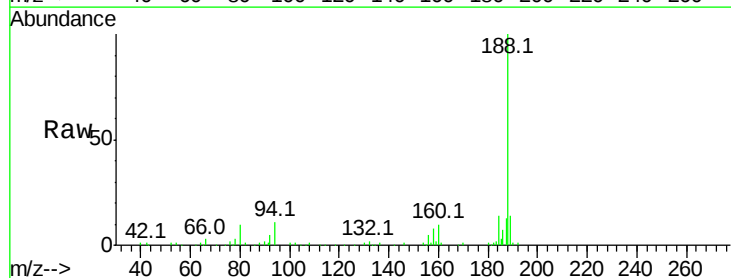


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

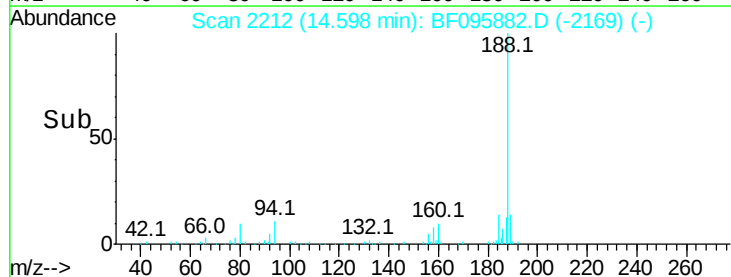
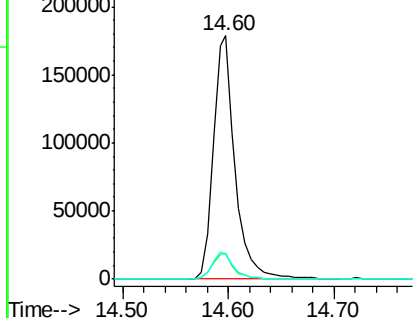


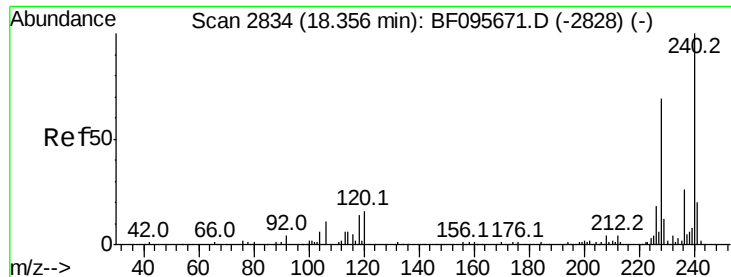
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095882.D
Acq: 12 Jun 2017 20:39

Tgt Ion:188 Resp: 256973
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.0 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

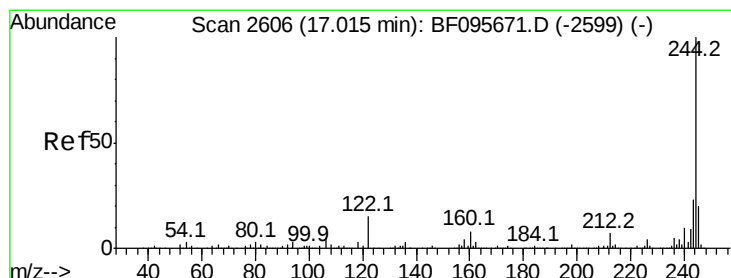
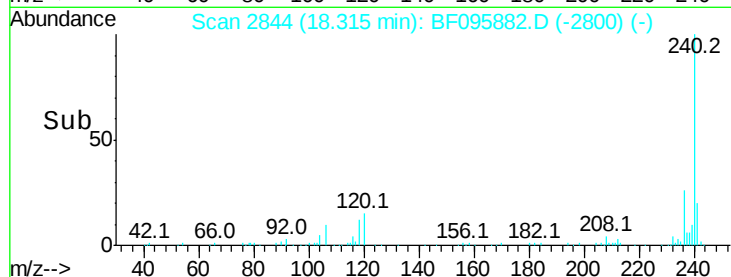
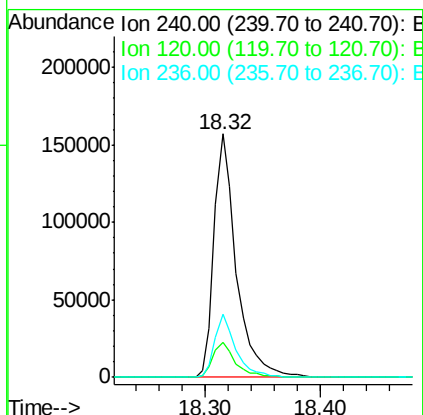
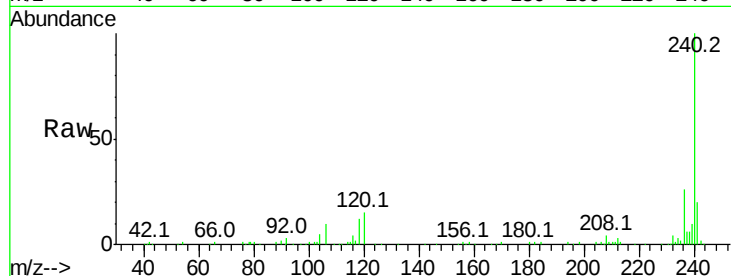




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.32 min Scan# 2844
 Delta R.T. -0.04 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

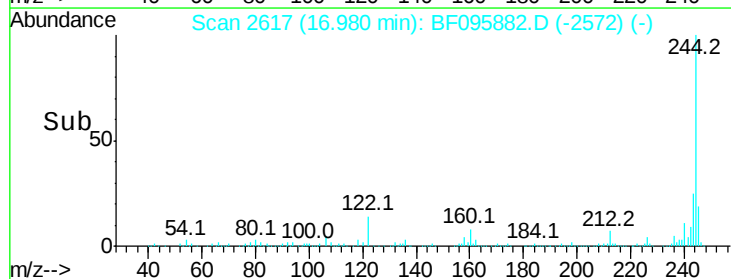
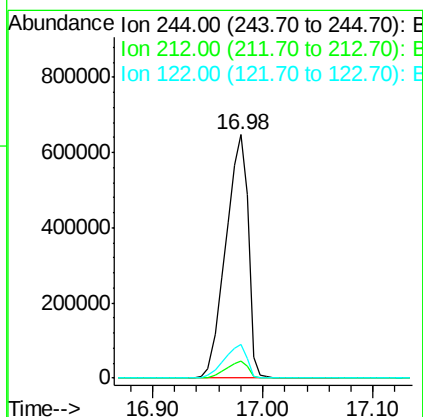
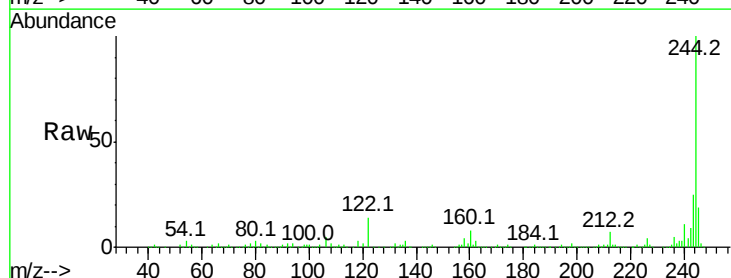
Instrument :
 BNA_F
 ClientSampleId :

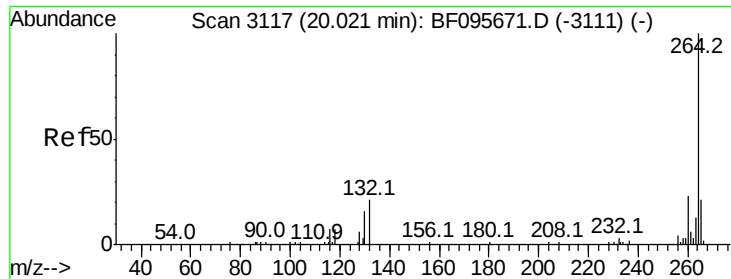
Tot Ion:240 Resp: 211374
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 25.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 107.94 ng
 RT: 16.98 min Scan# 2617
 Delta R.T. -0.04 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

Tgt Ion:244 Resp: 919365
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5

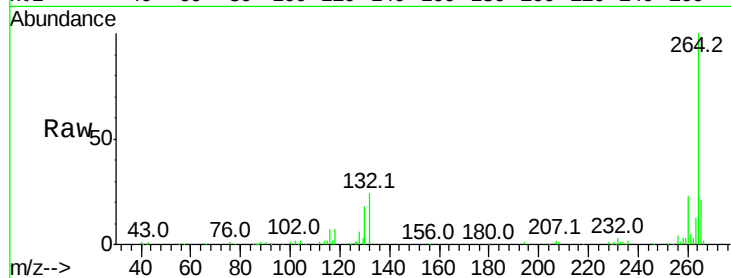




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095882.D
 Acq: 12 Jun 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	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

