

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095878.D
 Acq On : 12 Jun 2017 18:29
 Operator : SJ/MA
 Sample : I3583-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:32:37 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

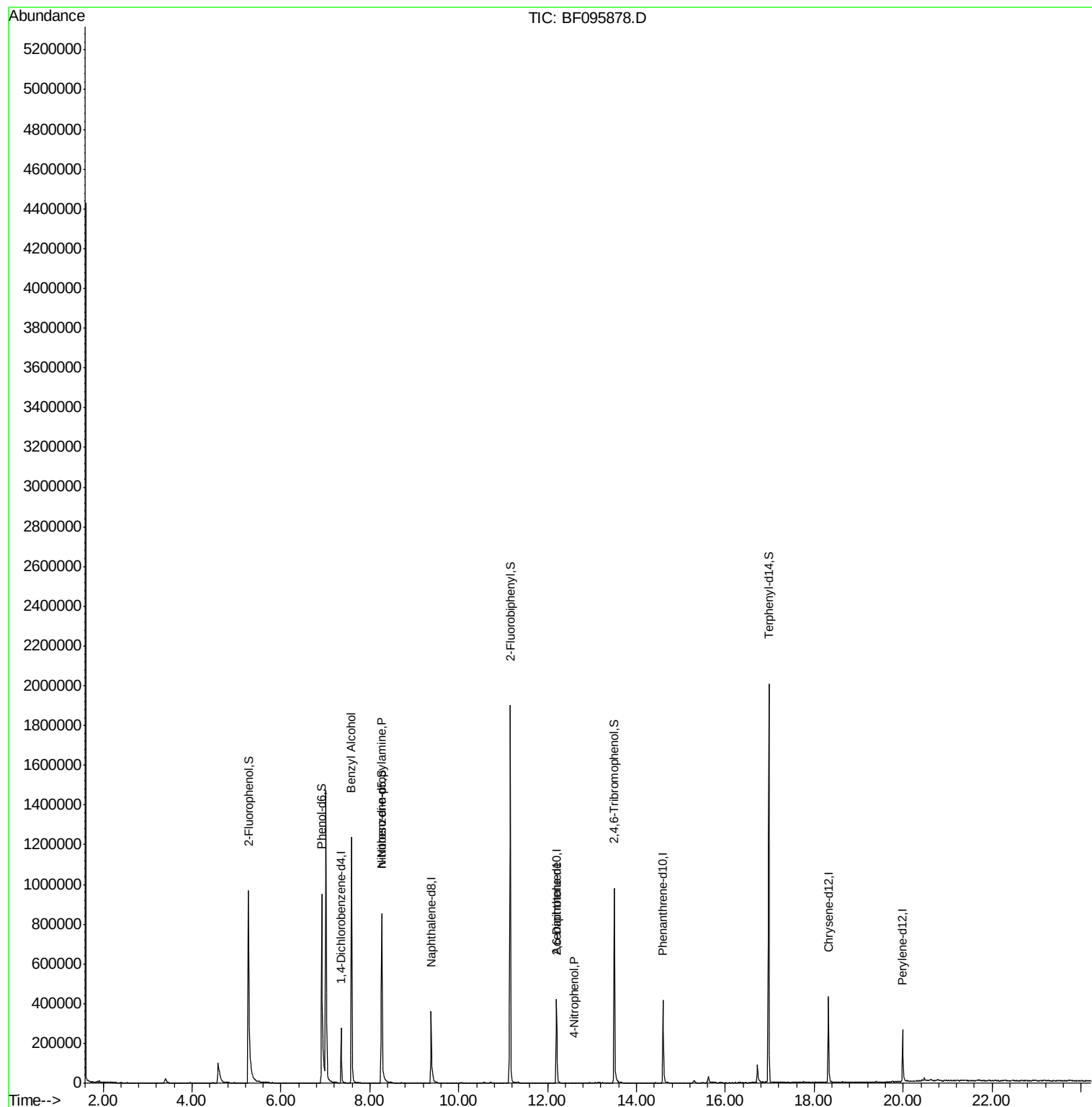
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	67195	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	274976	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	133076	20.00	ng	-0.06
63) Phenanthrene-d10	14.59	188	253649	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	208149	20.00	ng	-0.04
86) Perylene-d12	19.99	264	134997	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	620506	147.15	ng	-0.02
7) Phenol-d6	6.92	99	691555	136.99	ng	-0.04
23) Nitrobenzene-d5	8.27	82	485588	109.67	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	188431	160.04	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	957663	100.14	ng	-0.05
78) Terphenyl-d14	16.98	244	876423	104.49	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	7.59	79	7313	2.11	ng	# 35
19) n-Nitroso-di-n-propylamine	8.27	70	59844	18.71	ng	# 76
50) 2,6-Dinitrotoluene	12.20	165	16718	7.59	ng	# 31
55) 4-Nitrophenol	12.59	139	116	4.70	ng	# 25

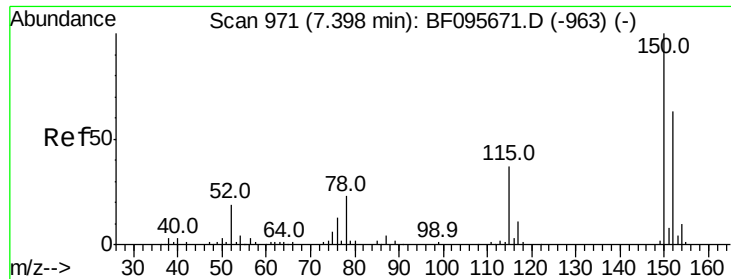
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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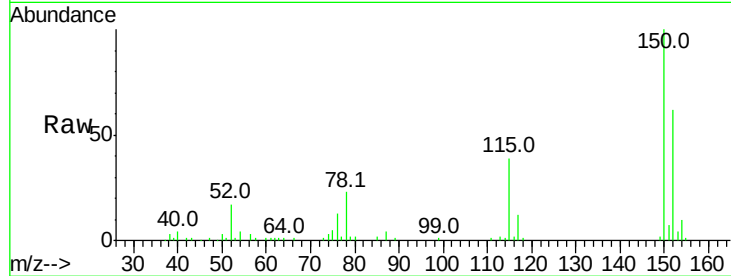


#1

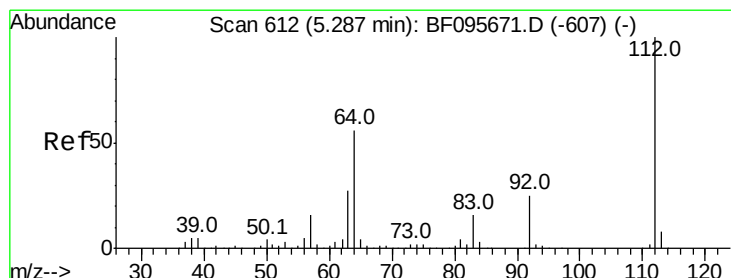
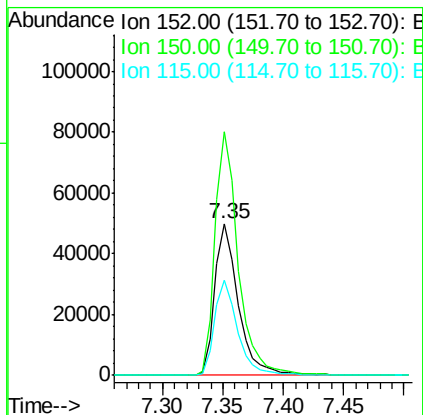
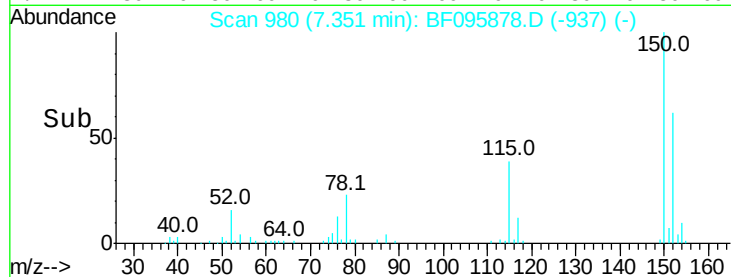
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095878.D
Acq: 12 Jun 2017 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67195
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 62.8 52.2 78.2



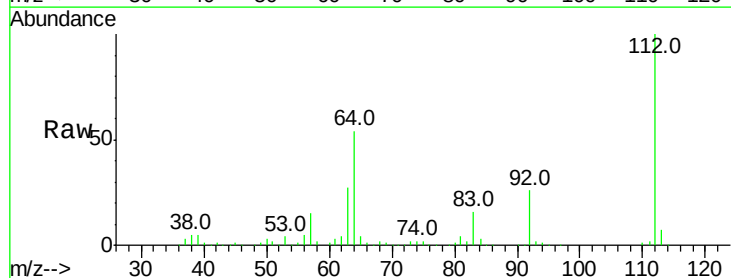
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



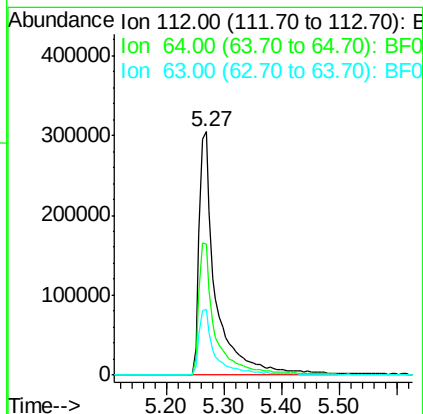
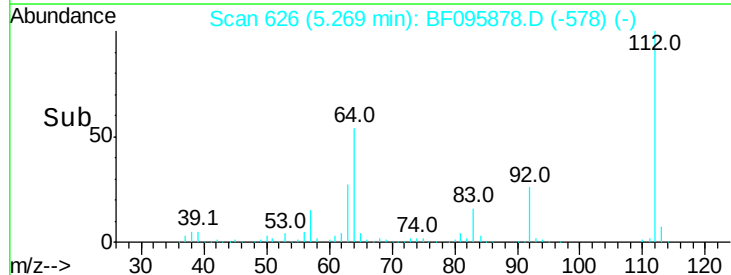
#5

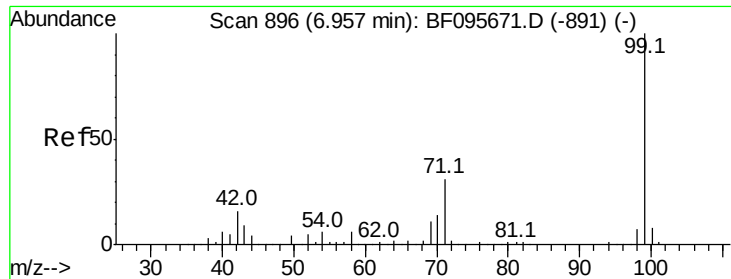
2-Fluorophenol
Concen: 147.15 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095878.D
Acq: 12 Jun 2017 18:29

Tgt Ion:112 Resp: 620506
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 26.9 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: 136.99 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

Instrument :

BNA_F

ClientSampled :

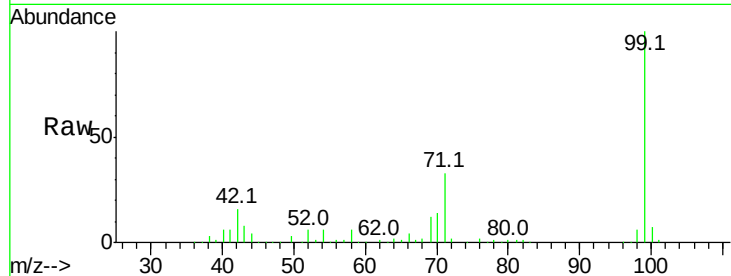
Tot Ion: 99 Resp: 691555

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

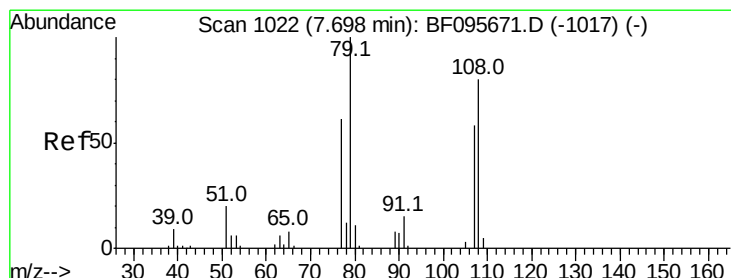
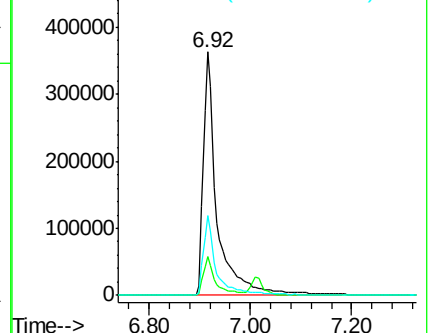
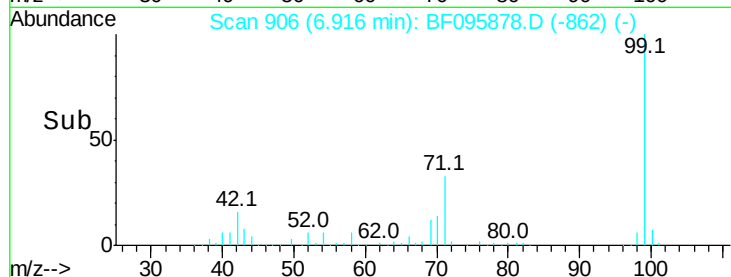
71 32.8 24.5 36.7



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: 2.11 ng

RT: 7.59 min Scan# 1020

Delta R.T. -0.11 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

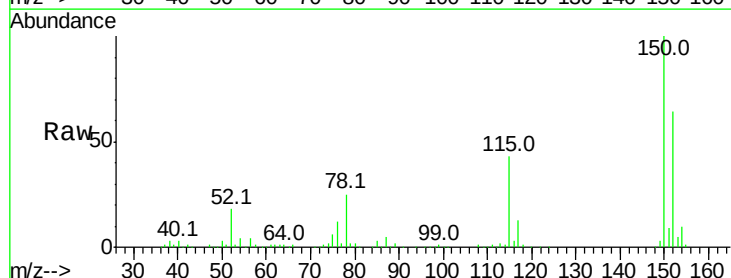
Tgt Ion: 79 Resp: 7313

Ion Ratio Lower Upper

79 100

108 30.5 63.4 95.0#

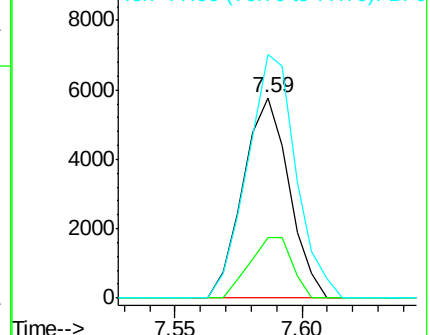
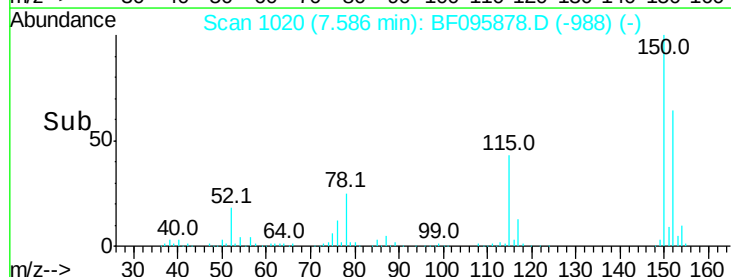
77 121.5 49.2 73.8#

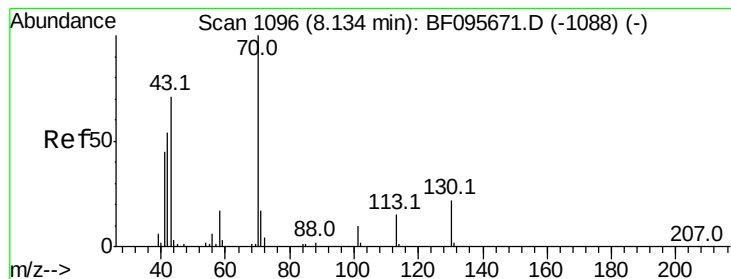


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 18.71 ng

RT: 8.27 min Scan# 1136

Delta R.T. 0.14 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59844

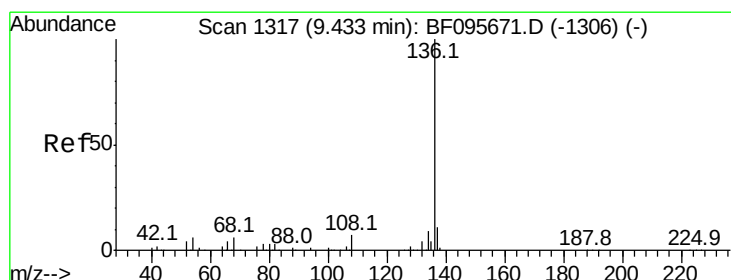
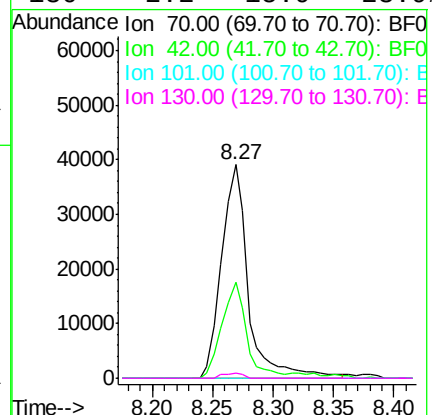
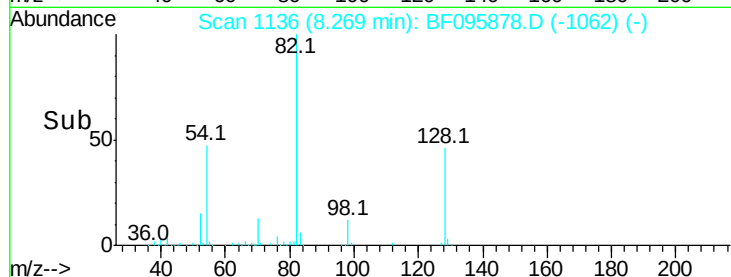
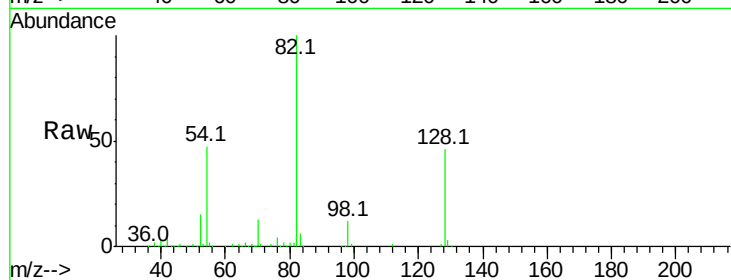
Ion Ratio Lower Upper

70 100

42 44.9 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: BF095878.D

Acq: 12 Jun 2017 18:29

Tgt Ion: 136 Resp: 274976

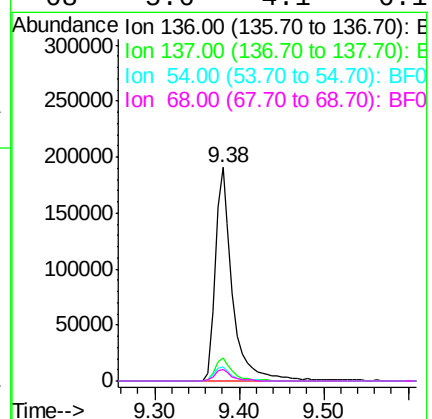
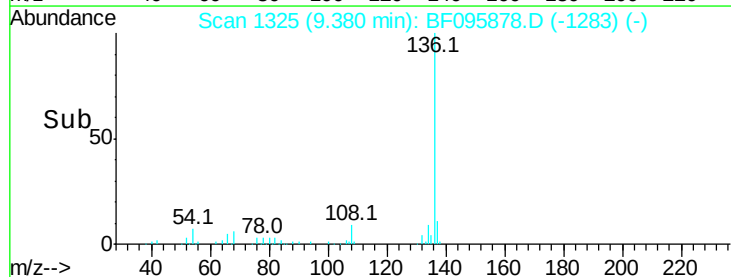
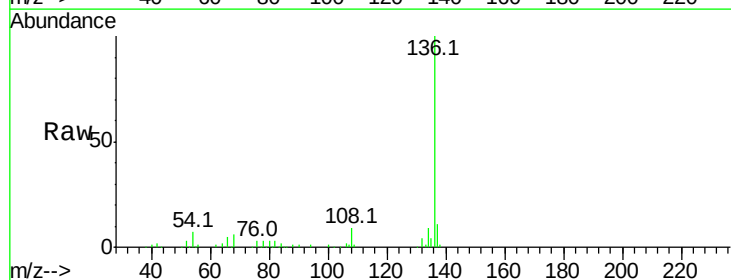
Ion Ratio Lower Upper

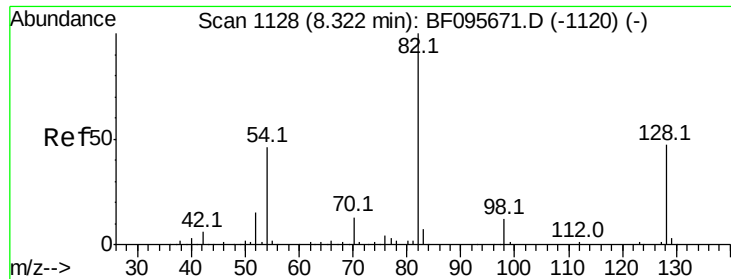
136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

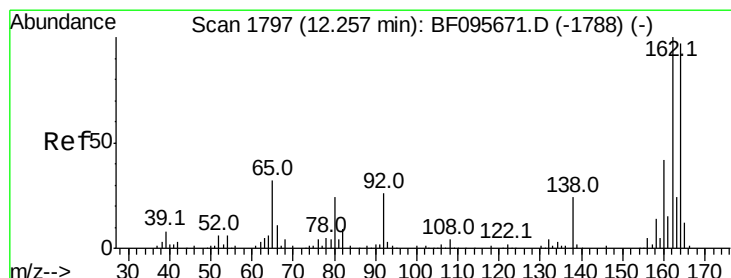
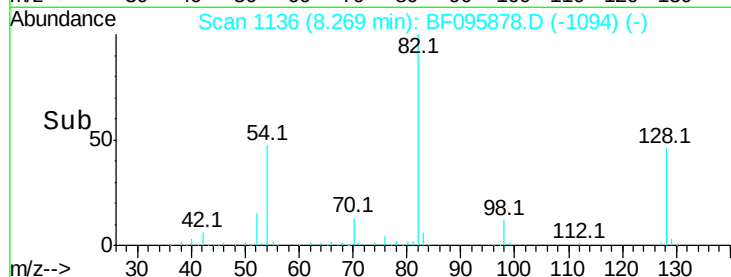
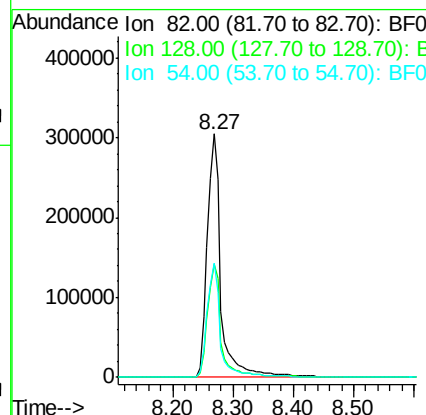
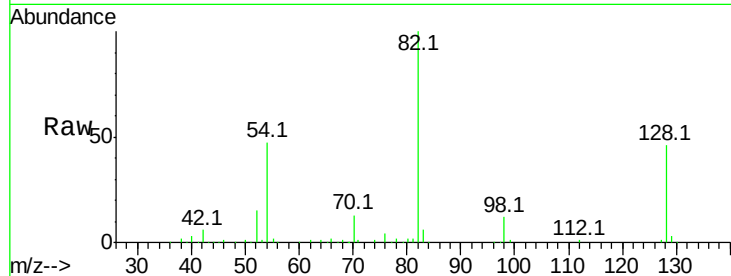




#23
 Nitrobenzene-d5
 Concen: 109.67 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

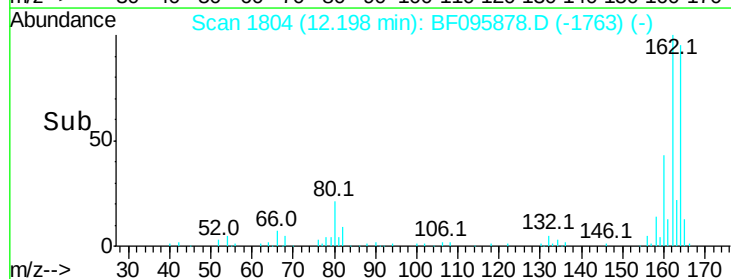
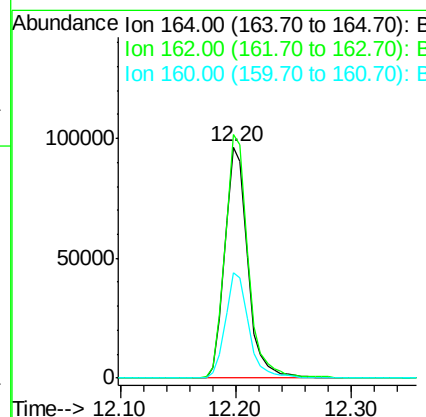
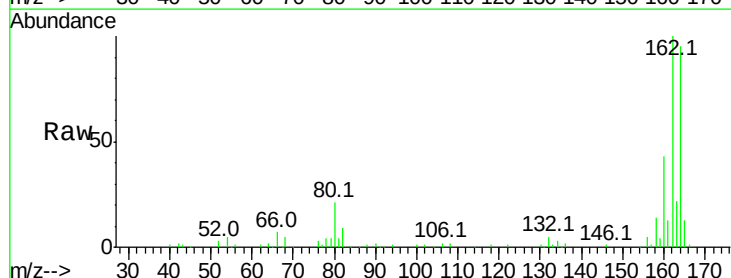
Instrument :
 BNA_F
 ClientSampled :

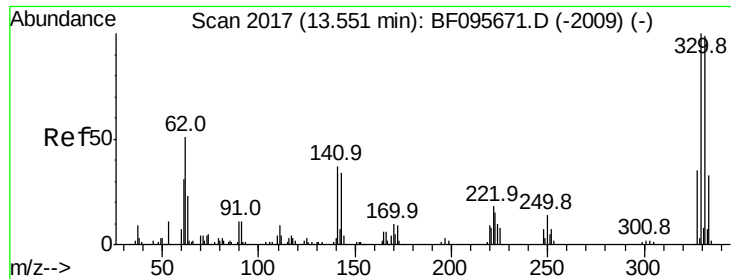
Tot Ion: 82 Resp: 485588
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 46.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. -0.06 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

Tgt Ion:164 Resp: 133076
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 45.4 36.2 54.2

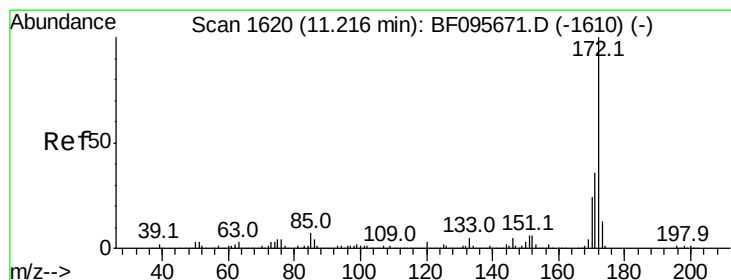
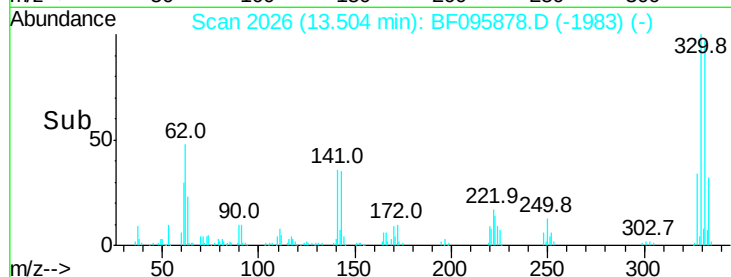
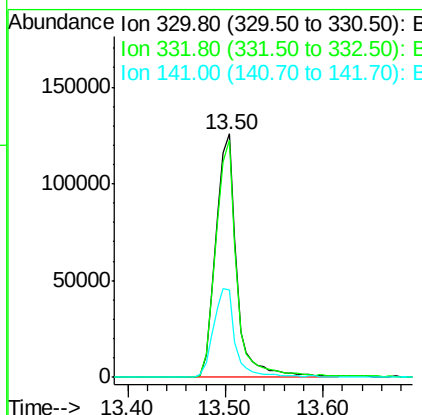
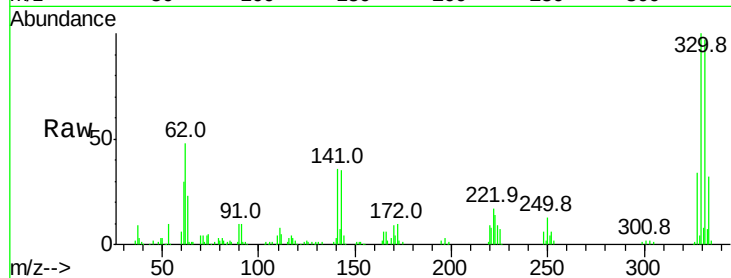




#41
 2,4,6-Tribromophenol
 Concen: 160.04 ng
 RT: 13.50 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

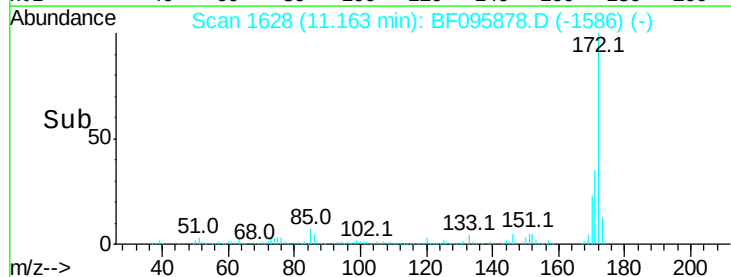
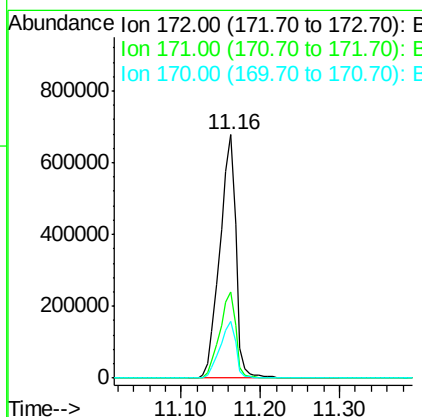
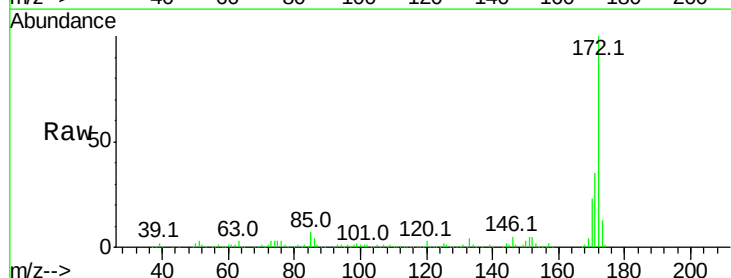
Instrument :
 BNA_F
 ClientSampleId :

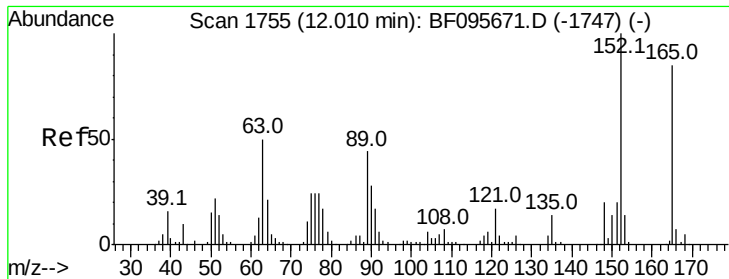
Tot Ion:330 Resp: 188431
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 38.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 100.14 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

Tgt Ion:172 Resp: 957663
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.2 19.8 29.8

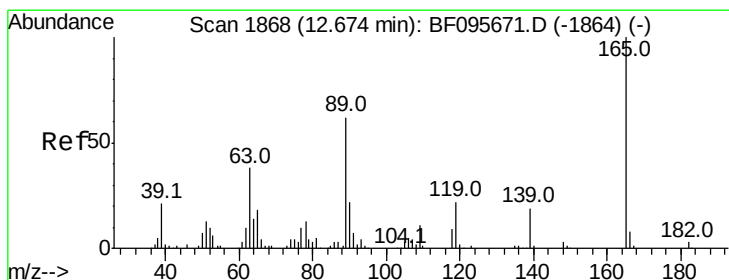
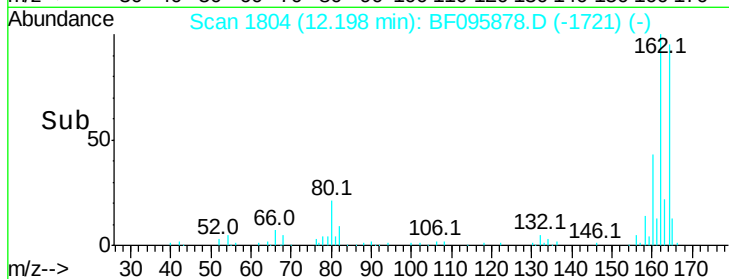
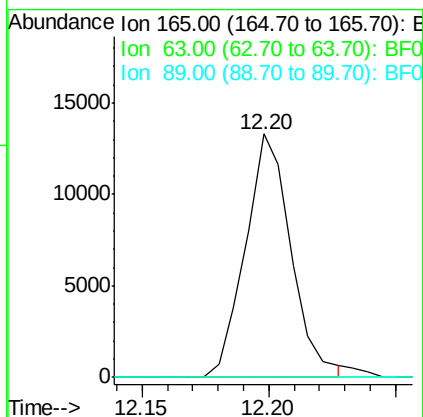
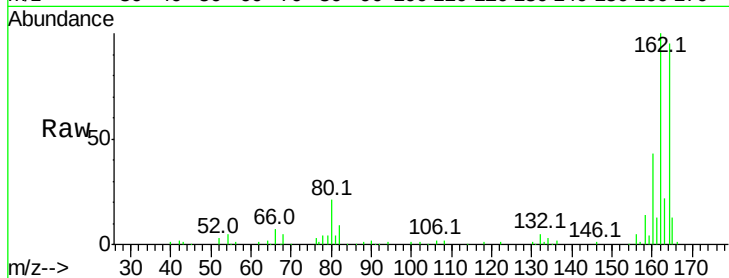




#50
 2,6-Dinitrotoluene
 Concen: 7.59 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. 0.19 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

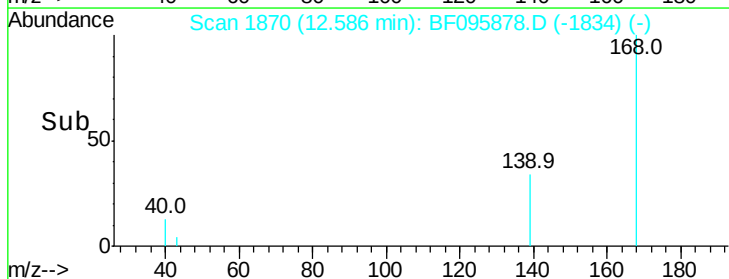
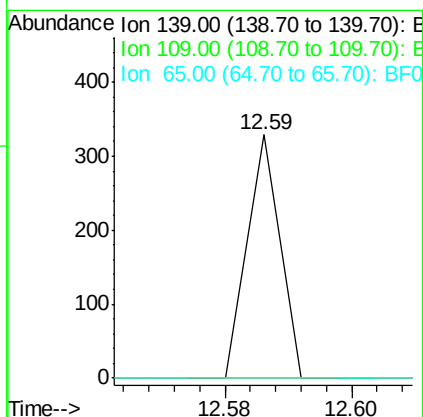
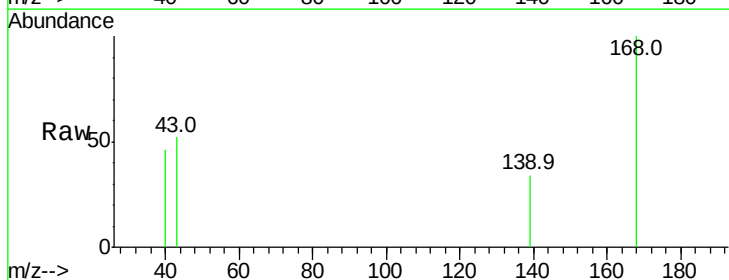
Instrument :
 BNA_F
 ClientSampleId :

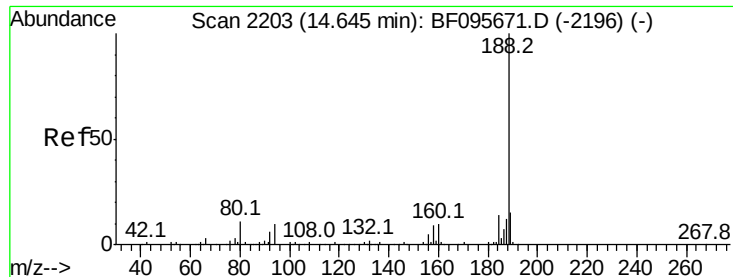
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#55
 4-Nitrophenol
 Concen: 4.70 ng
 RT: 12.59 min Scan# 1870
 Delta R.T. -0.09 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

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

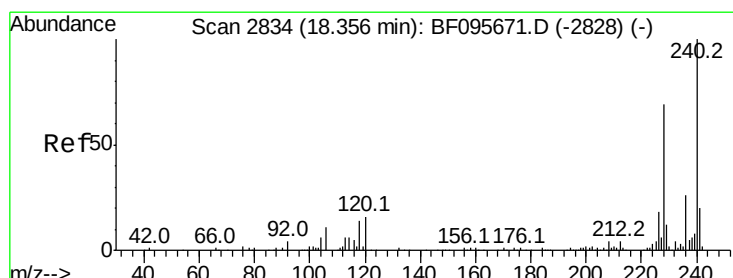
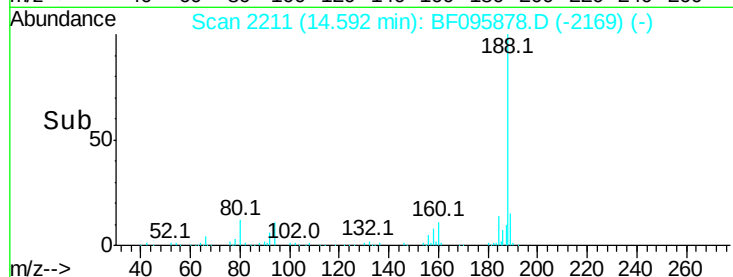
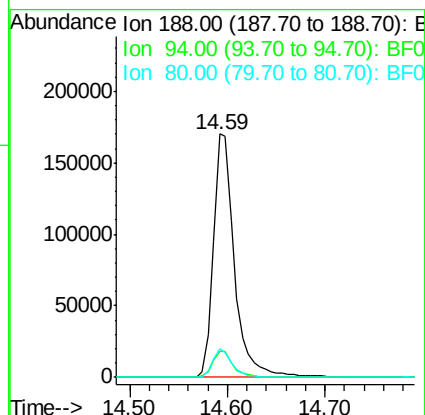
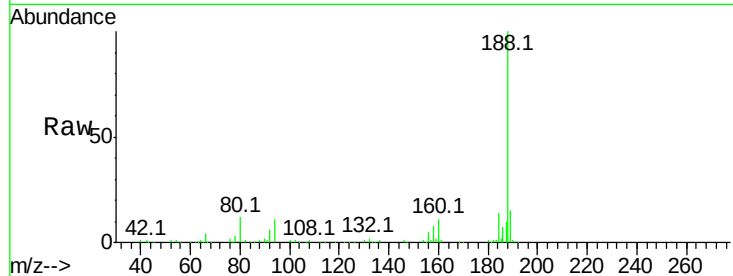




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 2211
Delta R.T. -0.05 min
Lab File: BF095878.D
Acq: 12 Jun 2017 18:29

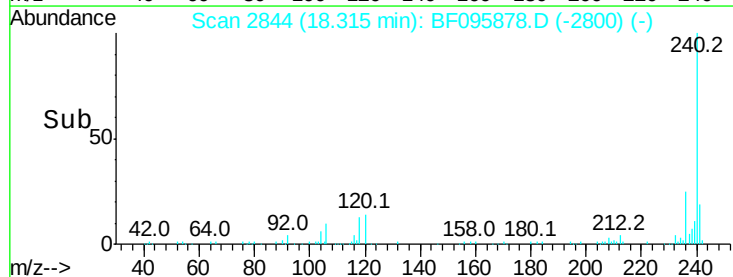
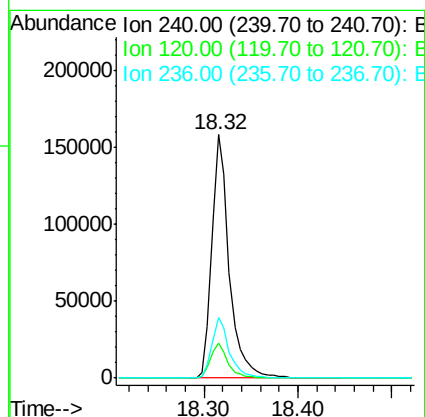
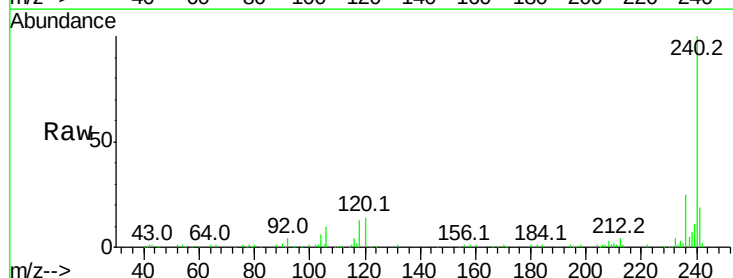
Instrument :
BNA_F
ClientSampleId :

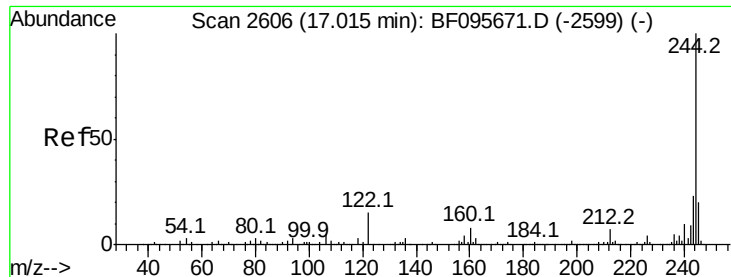
Tot Ion:188 Resp: 253649
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095878.D
Acq: 12 Jun 2017 18:29

Tgt Ion:240 Resp: 208149
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 24.7 20.5 30.7

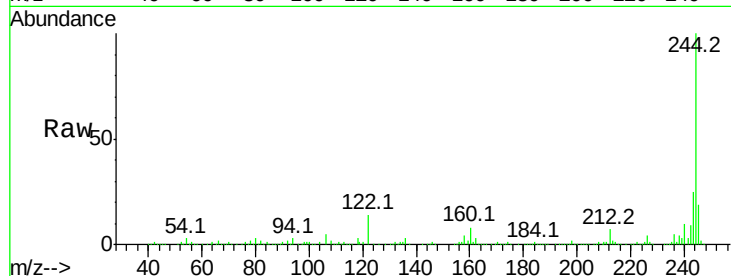




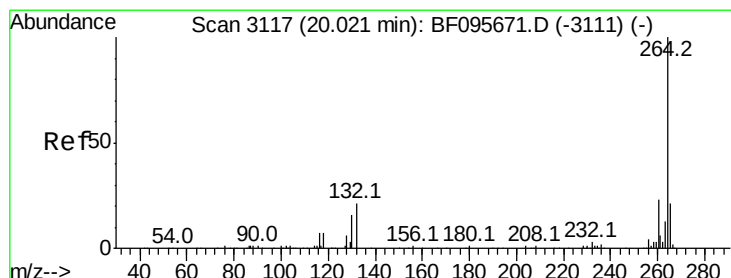
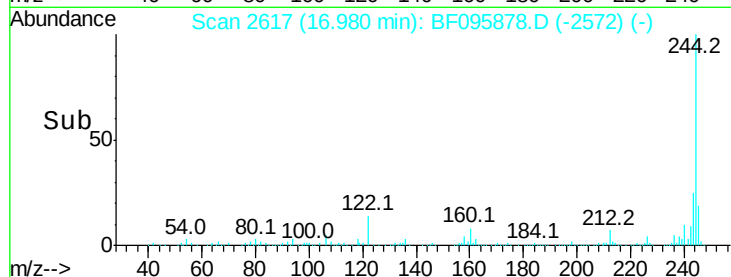
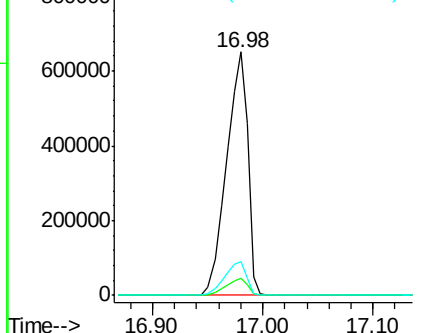
#78
 Terphenyl-d14
 Concen: 104.49 ng
 RT: 16.98 min Scan# 2617
 Delta R.T. -0.04 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 876423
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5

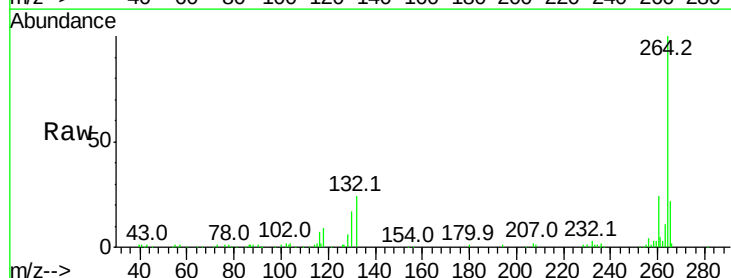


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

Tgt Ion:264 Resp: 134997
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.0 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

