

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095881.D
 Acq On : 12 Jun 2017 20:07
 Operator : SJ/MA
 Sample : I3592-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:34:03 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

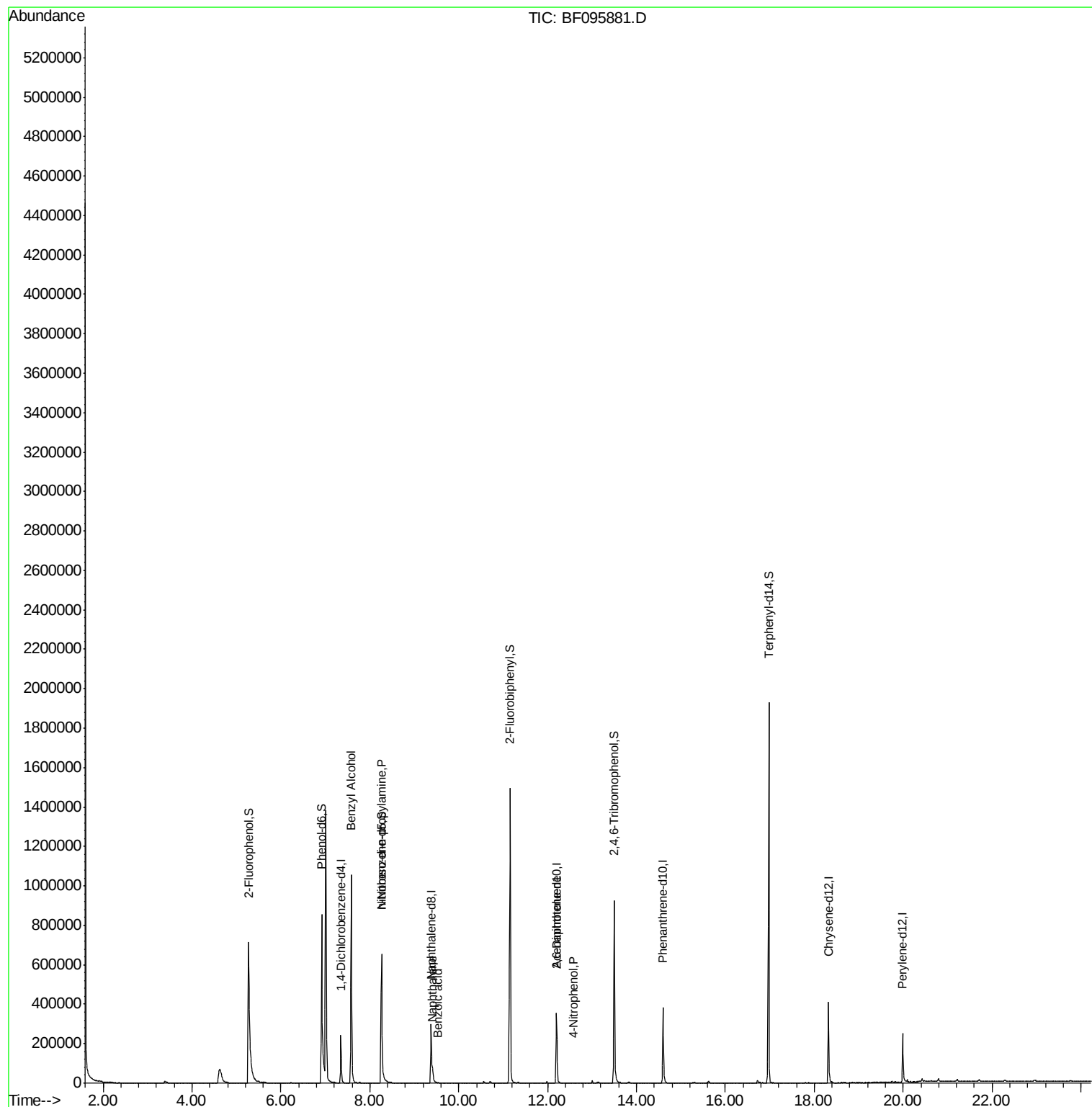
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	62100	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	263842	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	124842	20.00	ng	-0.06
63) Phenanthrene-d10	14.59	188	244850	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	206747	20.00	ng	-0.04
86) Perylene-d12	19.99	264	137268	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	581951	149.33	ng	-0.02
7) Phenol-d6	6.92	99	649685	139.25	ng	-0.04
23) Nitrobenzene-d5	8.26	82	452249	106.45	ng	-0.06
41) 2,4,6-Tribromophenol	13.50	330	180529	163.44	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	923156	102.90	ng	-0.05
78) Terphenyl-d14	16.98	244	841890	101.06	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	7.58	79	6792	2.12	ng	# 31
19) n-Nitroso-di-n-propylamine	8.26	70	55156	18.65	ng	# 73
31) Naphthalene	9.41	128	65357	4.94	ng	# 98
32) Benzoic acid	9.53	122	121	5.16	ng	# 1
50) 2,6-Dinitrotoluene	12.20	165	15933	7.71	ng	# 31
55) 4-Nitrophenol	12.59	139	108	4.70	ng	# 25

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

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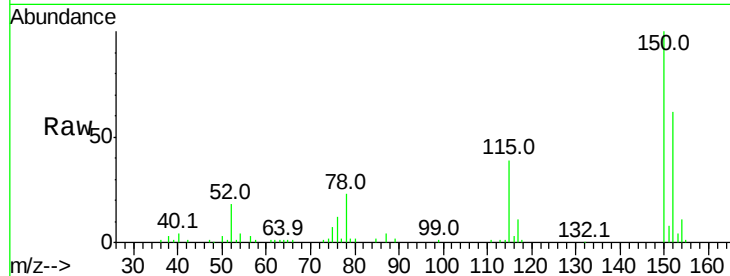


#1

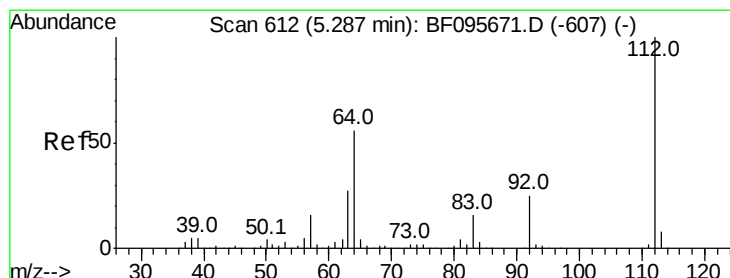
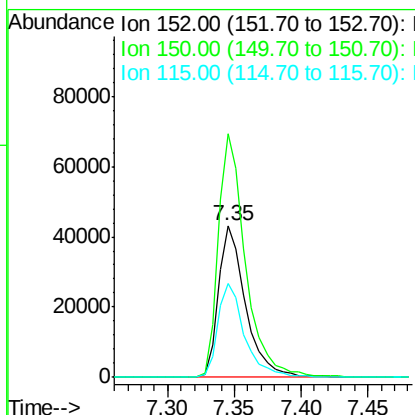
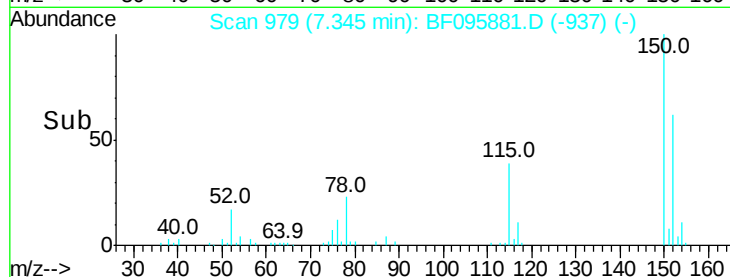
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 979
Delta R.T. -0.05 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 62100
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 61.9 52.2 78.2



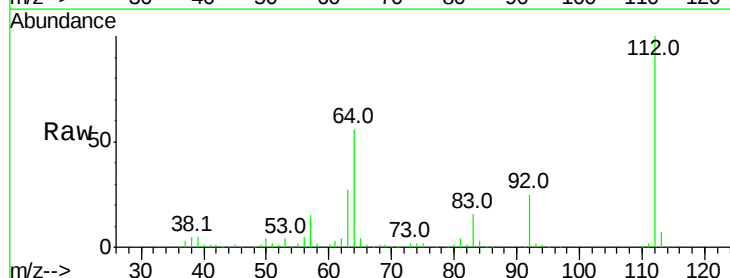
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



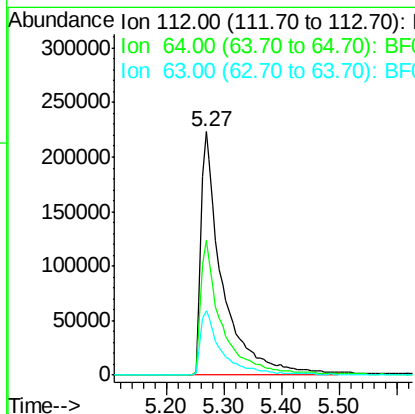
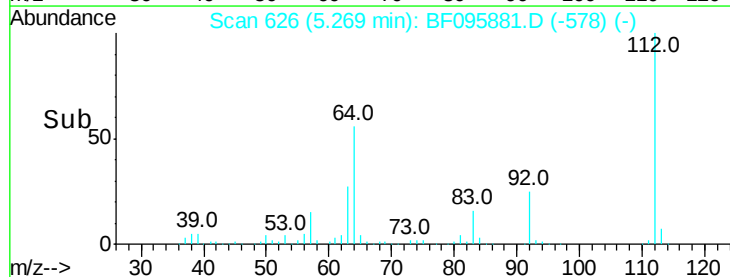
#5

2-Fluorophenol
Concen: 149.33 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

Tgt Ion:112 Resp: 581951
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 26.7 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: 139.25 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095881.D

Acq: 12 Jun 2017 20:07

Instrument :

BNA_F

ClientSampleId :

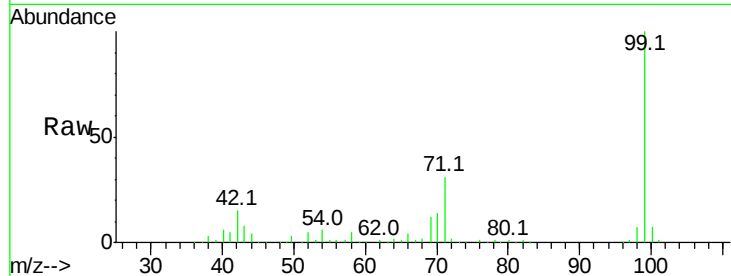
Tot Ion: 99 Resp: 649685

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

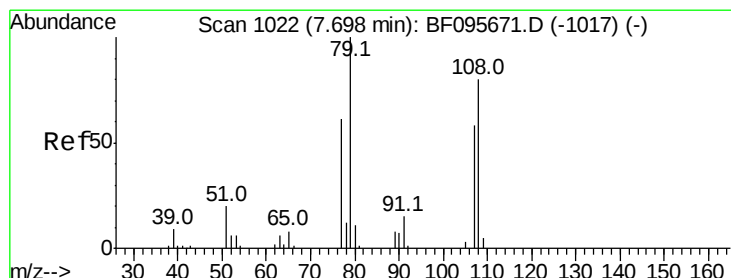
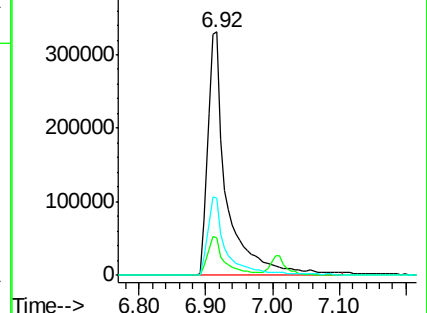
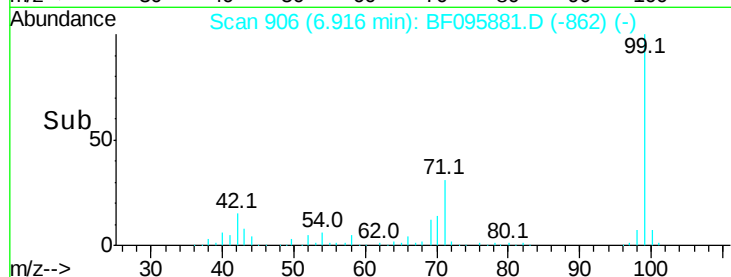
71 31.5 24.5 36.7



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: 2.12 ng

RT: 7.58 min Scan# 1019

Delta R.T. -0.12 min

Lab File: BF095881.D

Acq: 12 Jun 2017 20:07

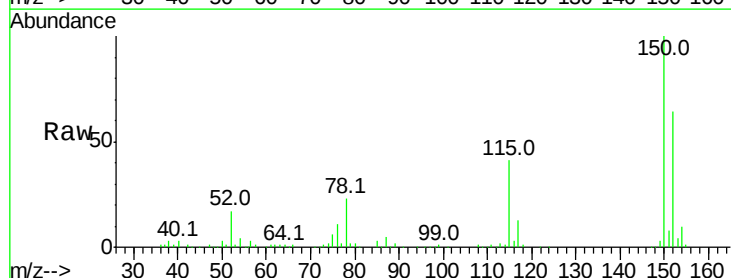
Tgt Ion: 79 Resp: 6792

Ion Ratio Lower Upper

79 100

108 34.2 63.4 95.0#

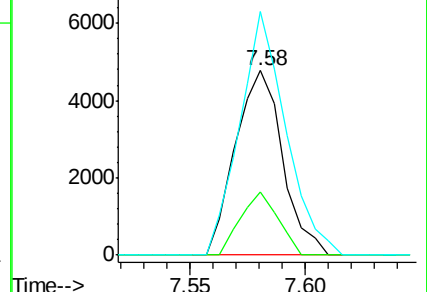
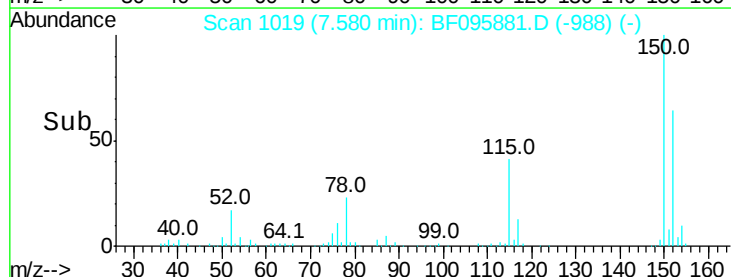
77 132.0 49.2 73.8#

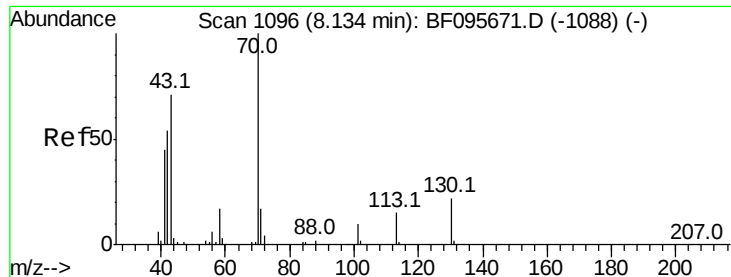


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

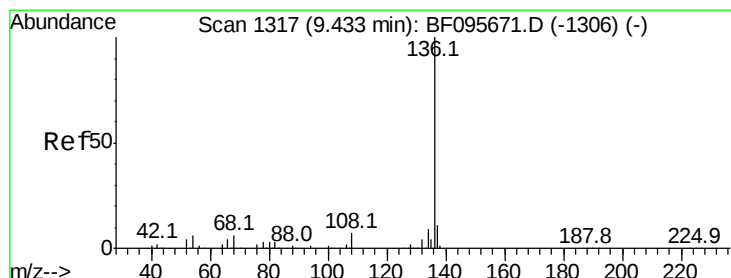
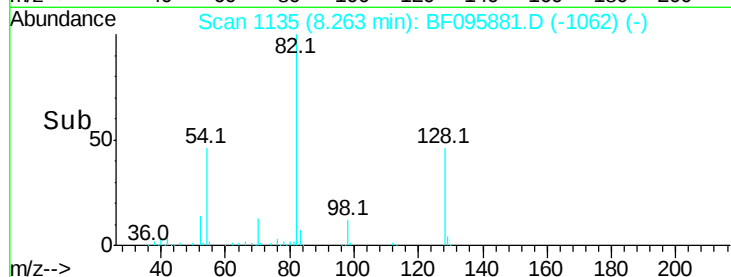
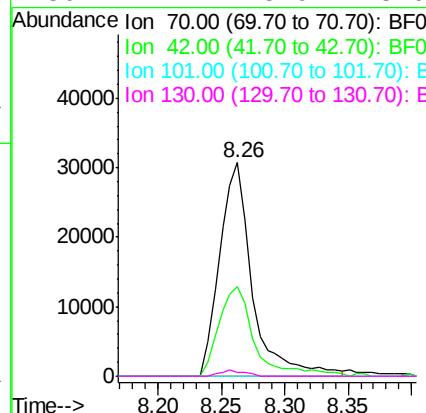
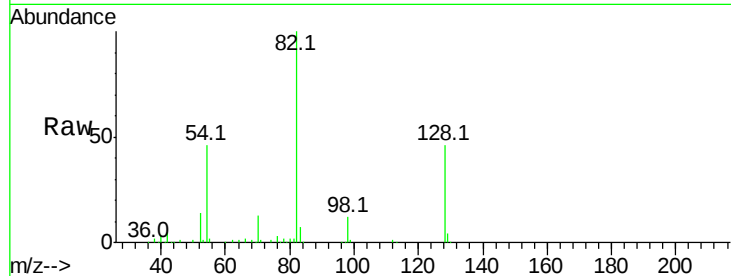




#19
n-Nitroso-di-n-propylamine
Concen: 18.65 ng
RT: 8.26 min Scan# 1135
Delta R.T. 0.13 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

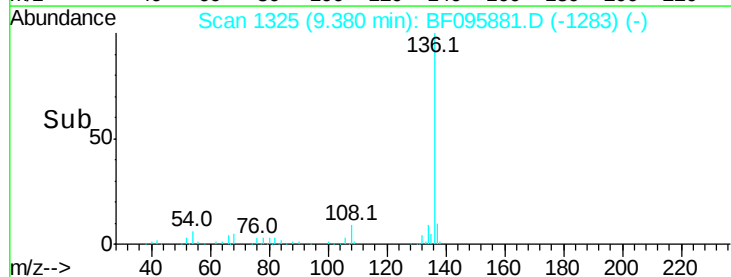
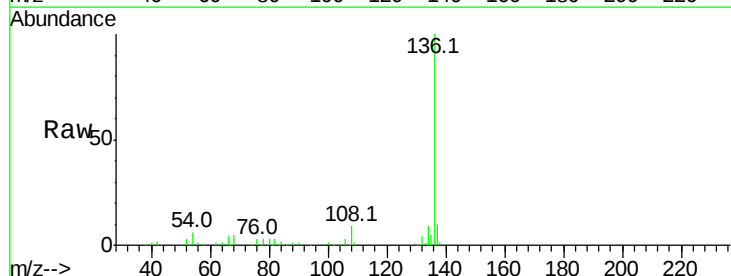
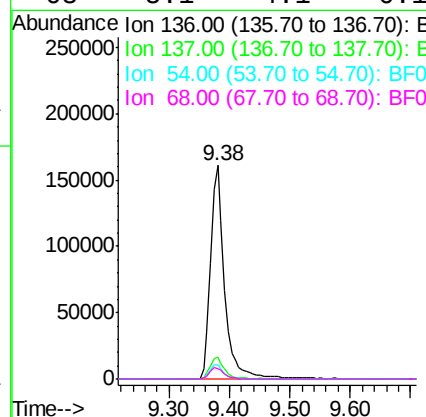
Instrument :
BNA_F
ClientSampled :

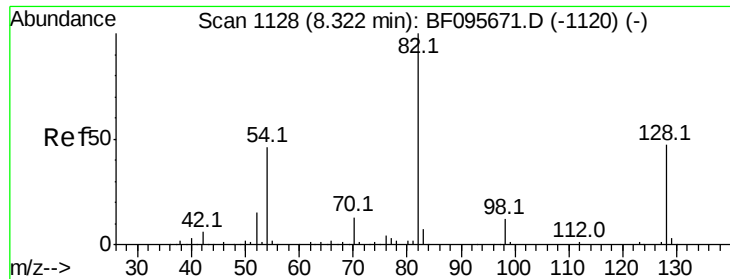
Tot Ion: 70 Resp: 55156
Ion Ratio Lower Upper
70 100
42 41.7 47.2 70.8#
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

Tgt Ion:136 Resp: 263842
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 6.4 4.9 7.3
68 5.1 4.1 6.1

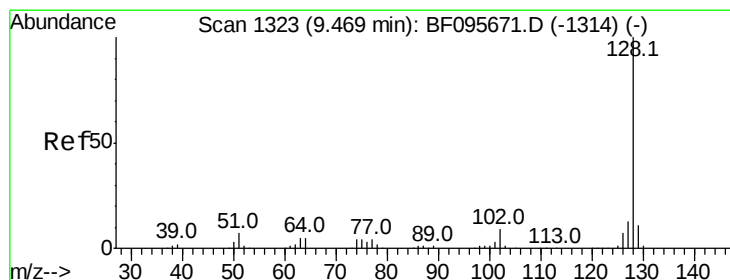
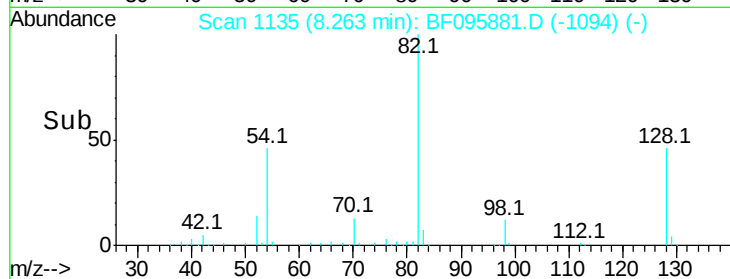
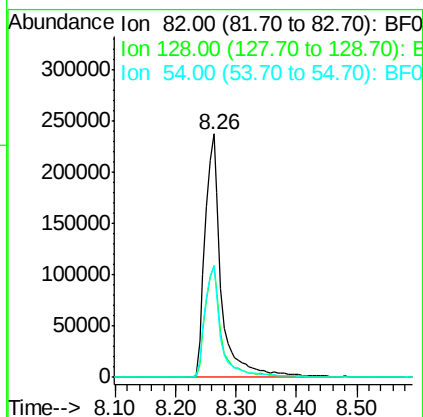
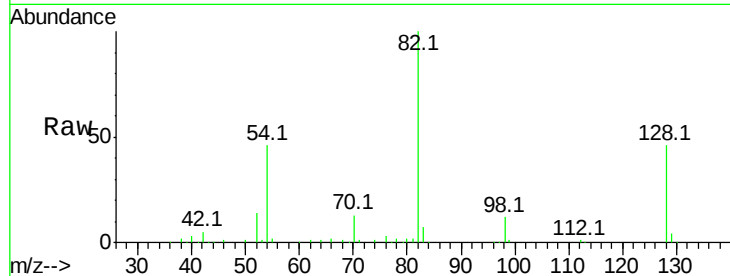




#23
 Nitrobenzene-d5
 Concen: 106.45 ng
 RT: 8.26 min Scan# 1135
 Delta R.T. -0.06 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

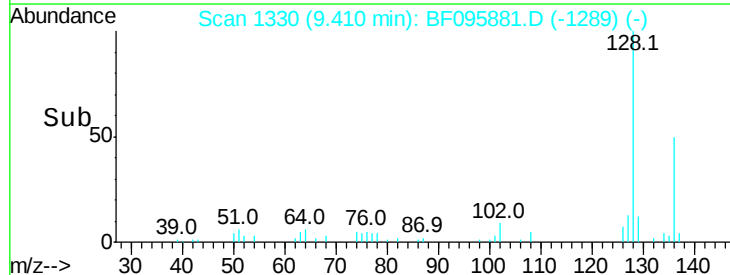
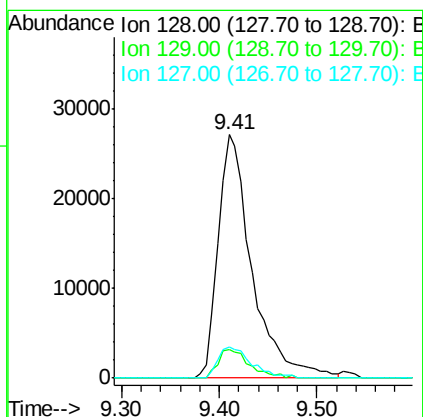
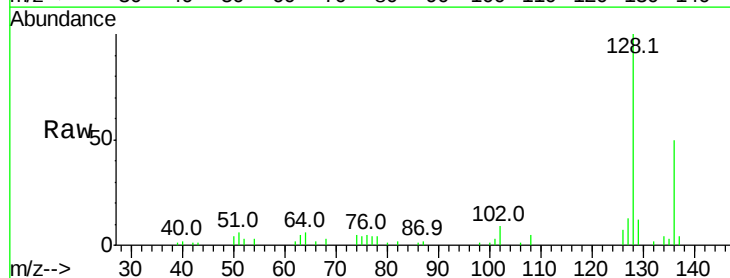
Instrument :
 BNA_F
 ClientSampleId :

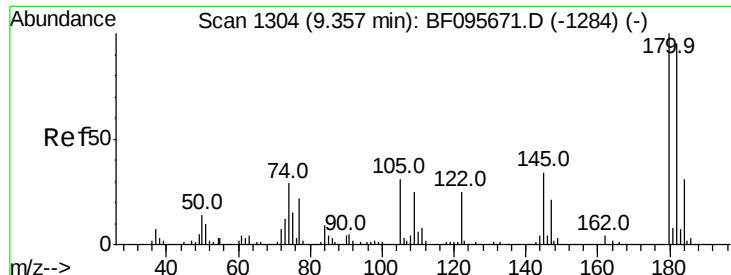
Tot Ion: 82 Resp: 452249
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 46.0 42.2 63.2



#31
 Naphthalene
 Concen: 4.94 ng
 RT: 9.41 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Tgt Ion:128 Resp: 65357
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.0 13.6
 127 12.5 10.8 16.2

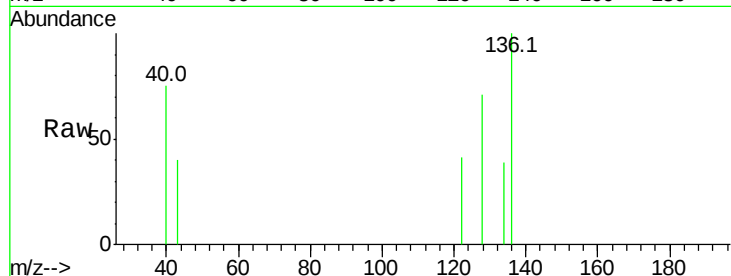




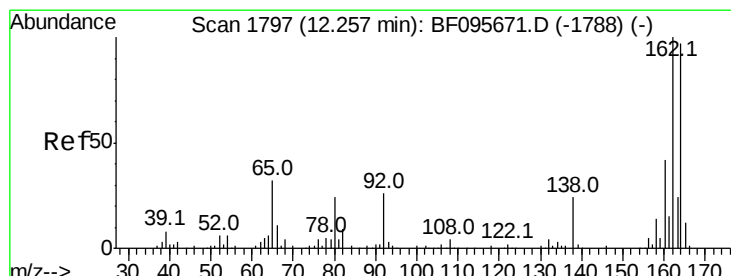
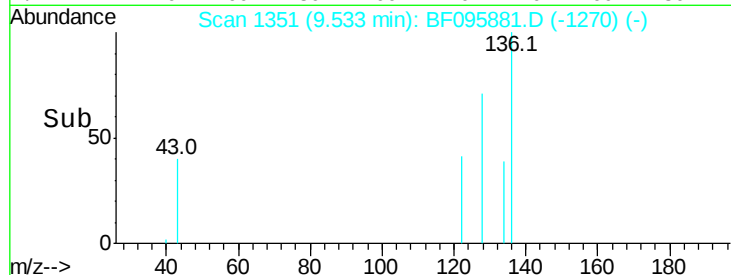
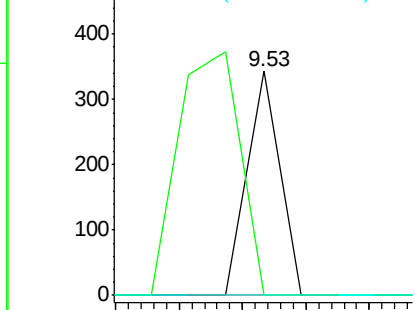
#32
Benzoic acid
Concen: 5.16 ng
RT: 9.53 min Scan# 1351
Delta R.T. 0.18 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 0.0 73.7 113.7#

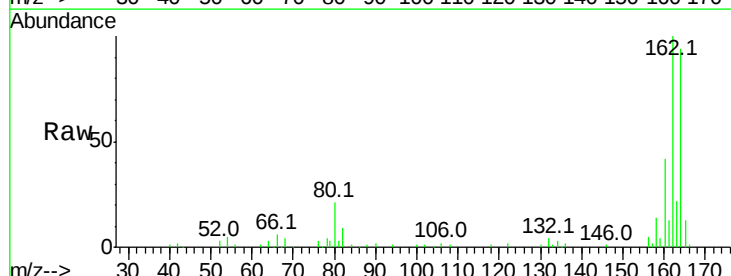


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

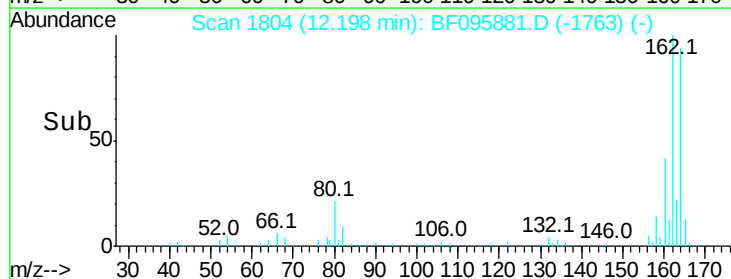
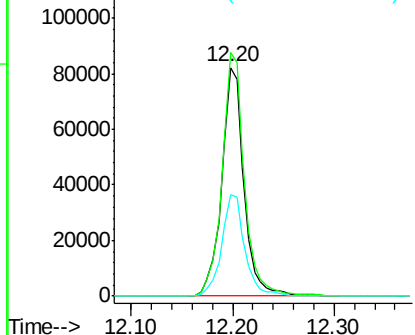


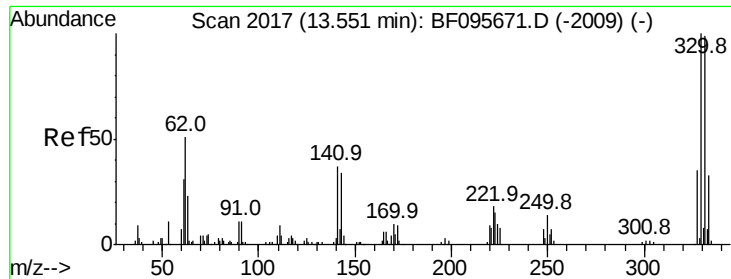
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

Tgt Ion:164 Resp: 124842
Ion Ratio Lower Upper
164 100
162 106.7 82.6 123.8
160 44.5 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

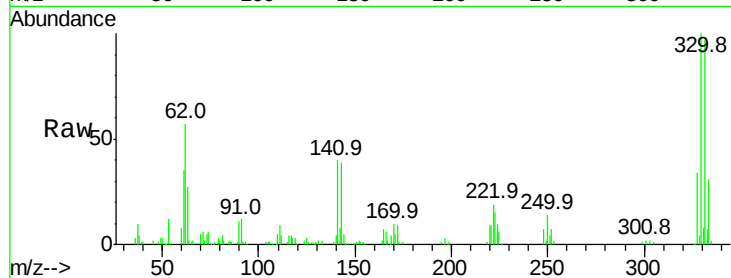




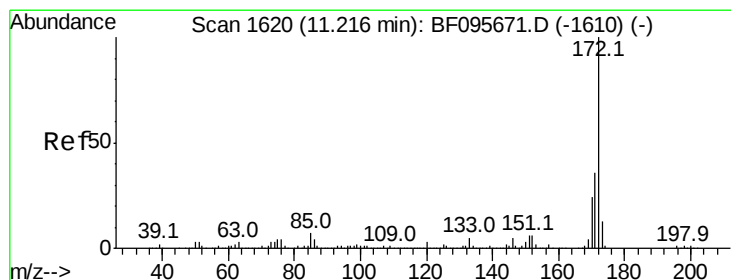
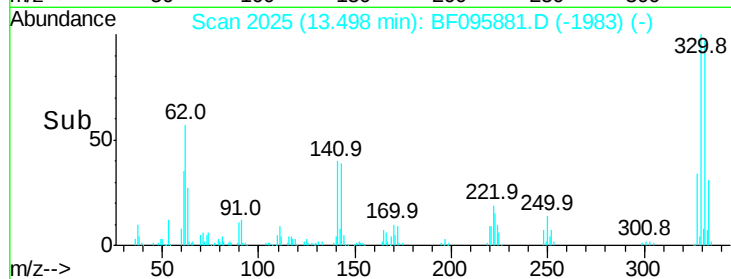
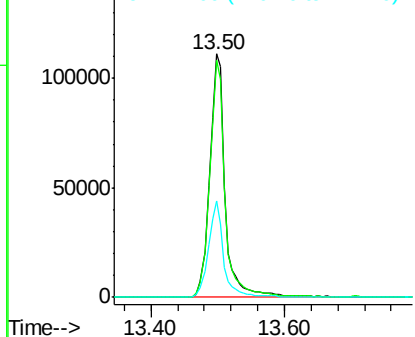
#41
 2,4,6-Tribromophenol
 Concen: 163.44 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 180529
 Ion Ratio Lower Upper
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 332 96.0 76.6 115.0
 141 38.3 31.4 47.2

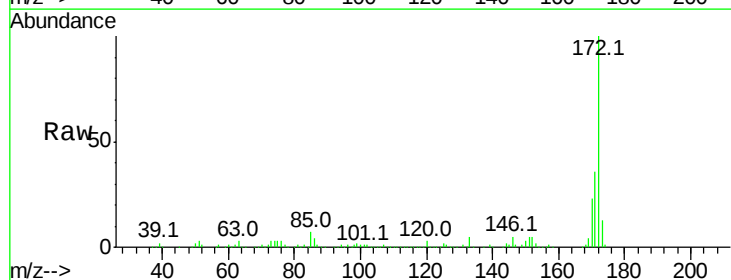


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

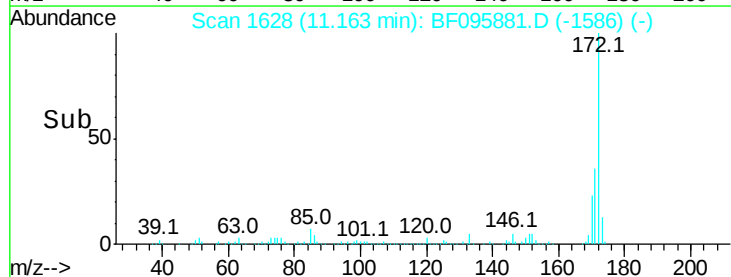
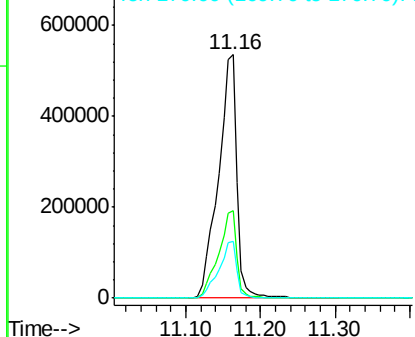


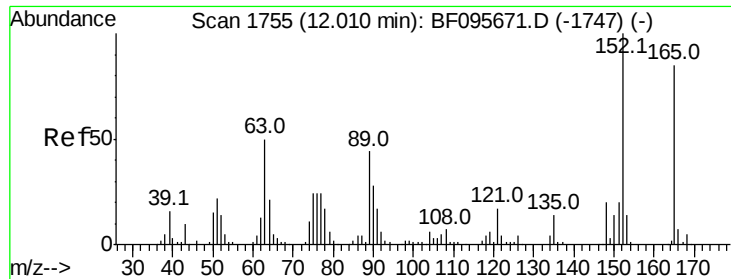
#44
 2-Fluorobiphenyl
 Concen: 102.90 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Tgt Ion:172 Resp: 923156
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

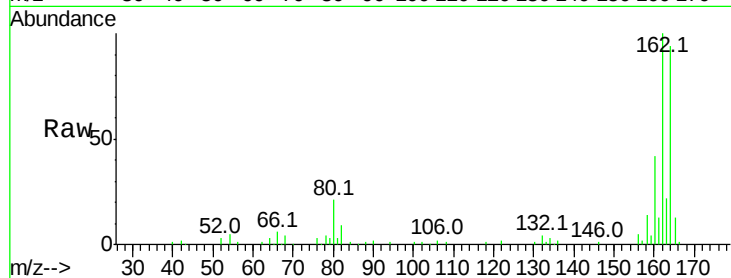




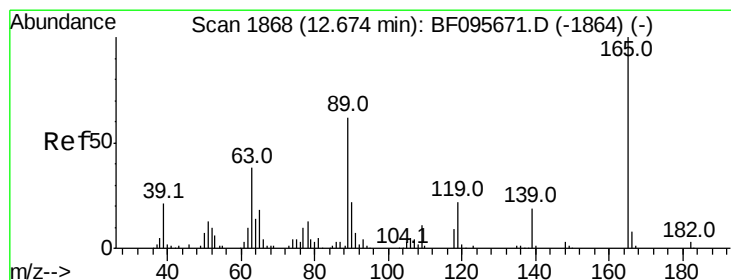
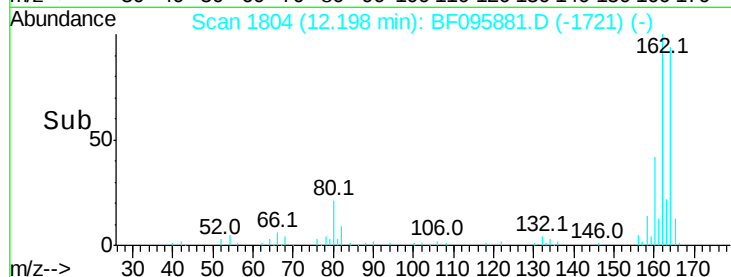
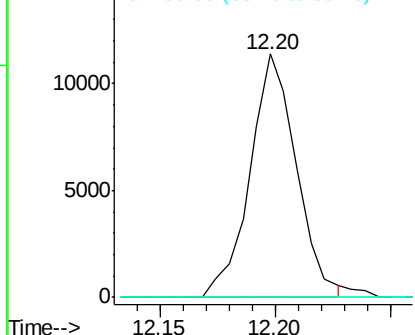
#50
 2,6-Dinitrotoluene
 Concen: 7.71 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. 0.19 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 15933
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

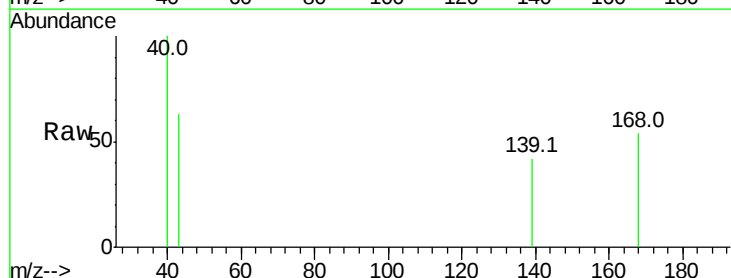


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

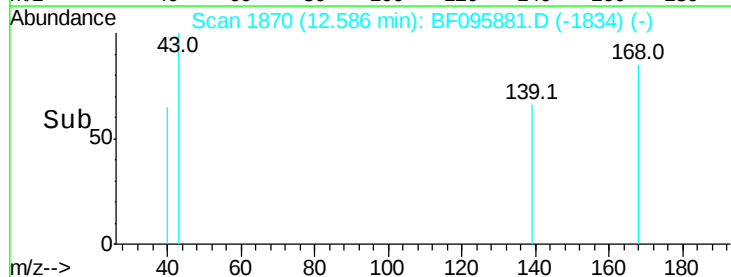
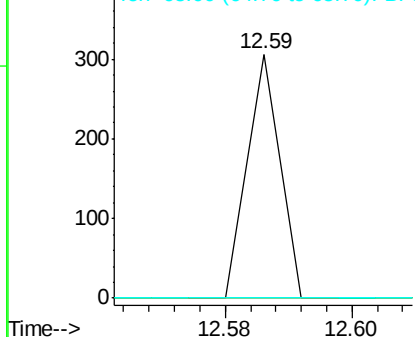


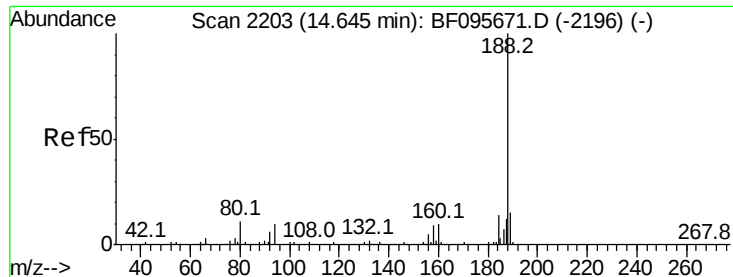
#55
 4-Nitrophenol
 Concen: 4.70 ng
 RT: 12.59 min Scan# 1870
 Delta R.T. -0.09 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Tgt Ion:139 Resp: 108
 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

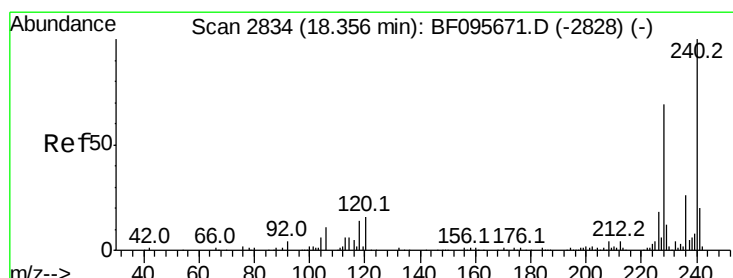
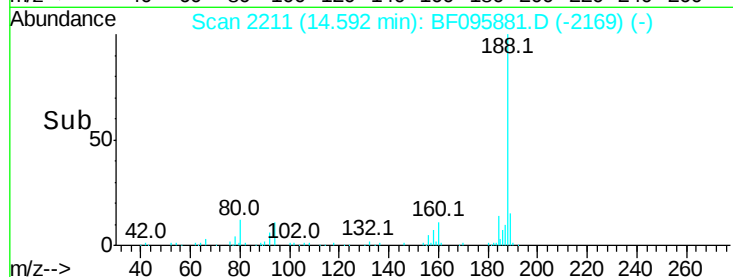
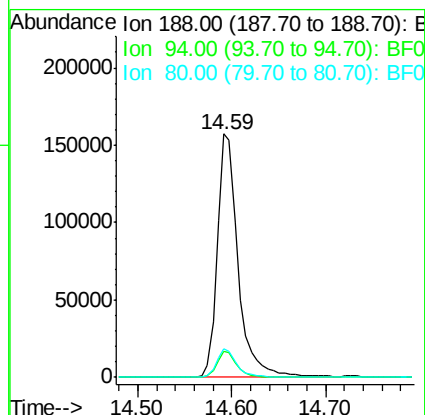
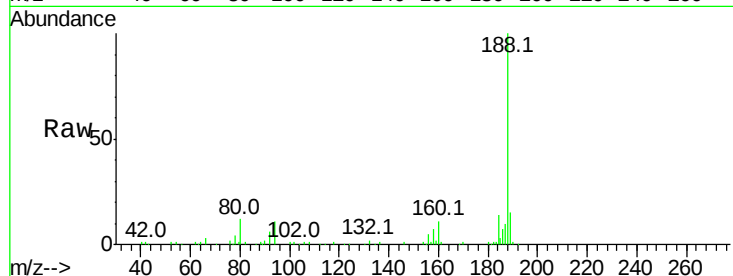




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 2211
Delta R.T. -0.05 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

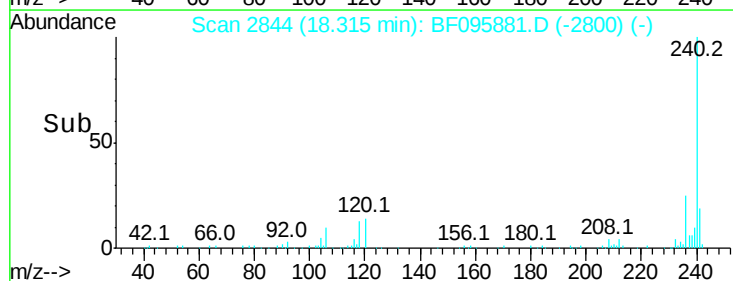
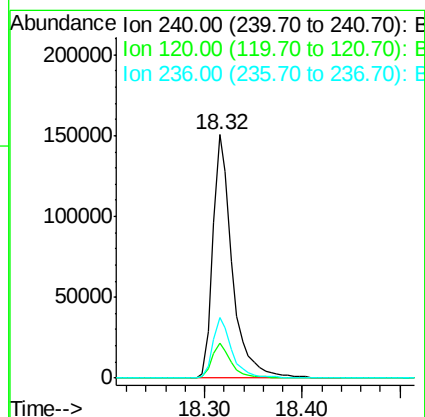
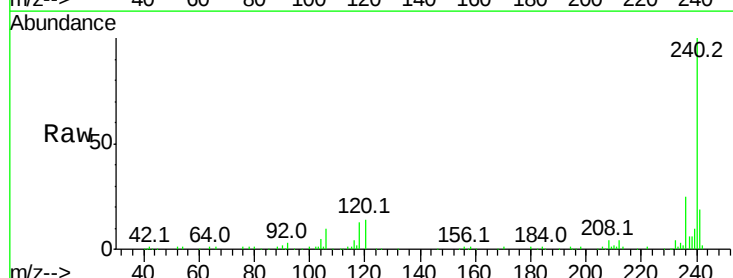
Instrument :
BNA_F
ClientSampleId :

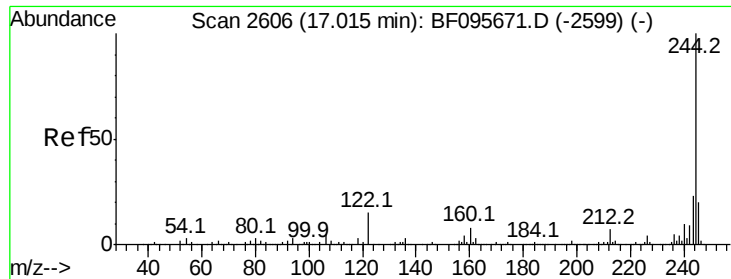
Tot Ion:188 Resp: 244850
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095881.D
Acq: 12 Jun 2017 20:07

Tgt Ion:240 Resp: 206747
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 25.1 20.5 30.7

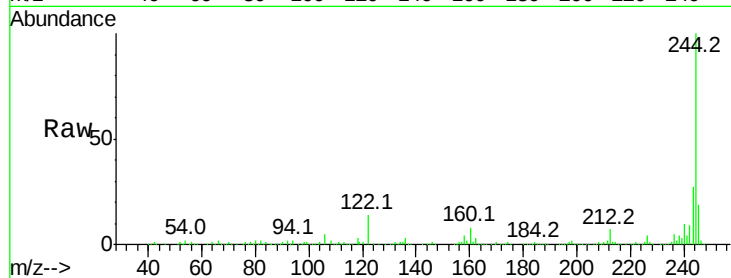




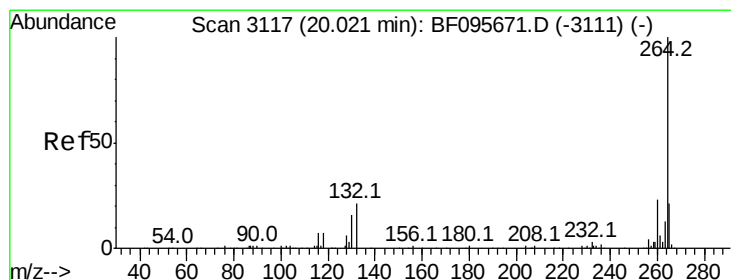
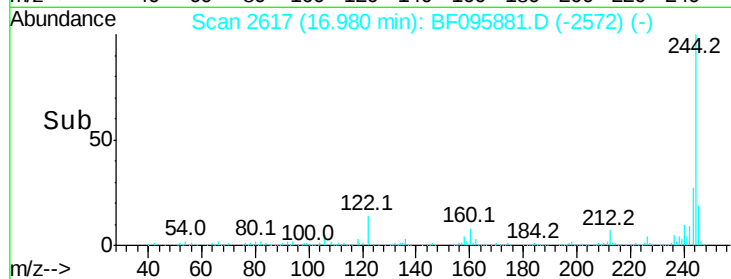
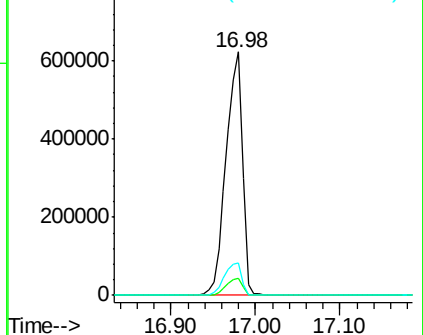
#78
 Terphenyl-d14
 Concen: 101.06 ng
 RT: 16.98 min Scan# 2617
 Delta R.T. -0.04 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 841890
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.6 10.3 15.5

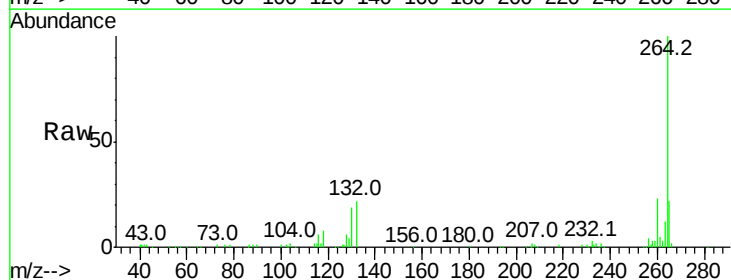


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095881.D
 Acq: 12 Jun 2017 20:07

Tgt Ion:264 Resp: 137268
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.8 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

