

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095891.D
 Acq On : 13 Jun 2017 1:30
 Operator : SJ/MA
 Sample : I3591-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:37:58 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

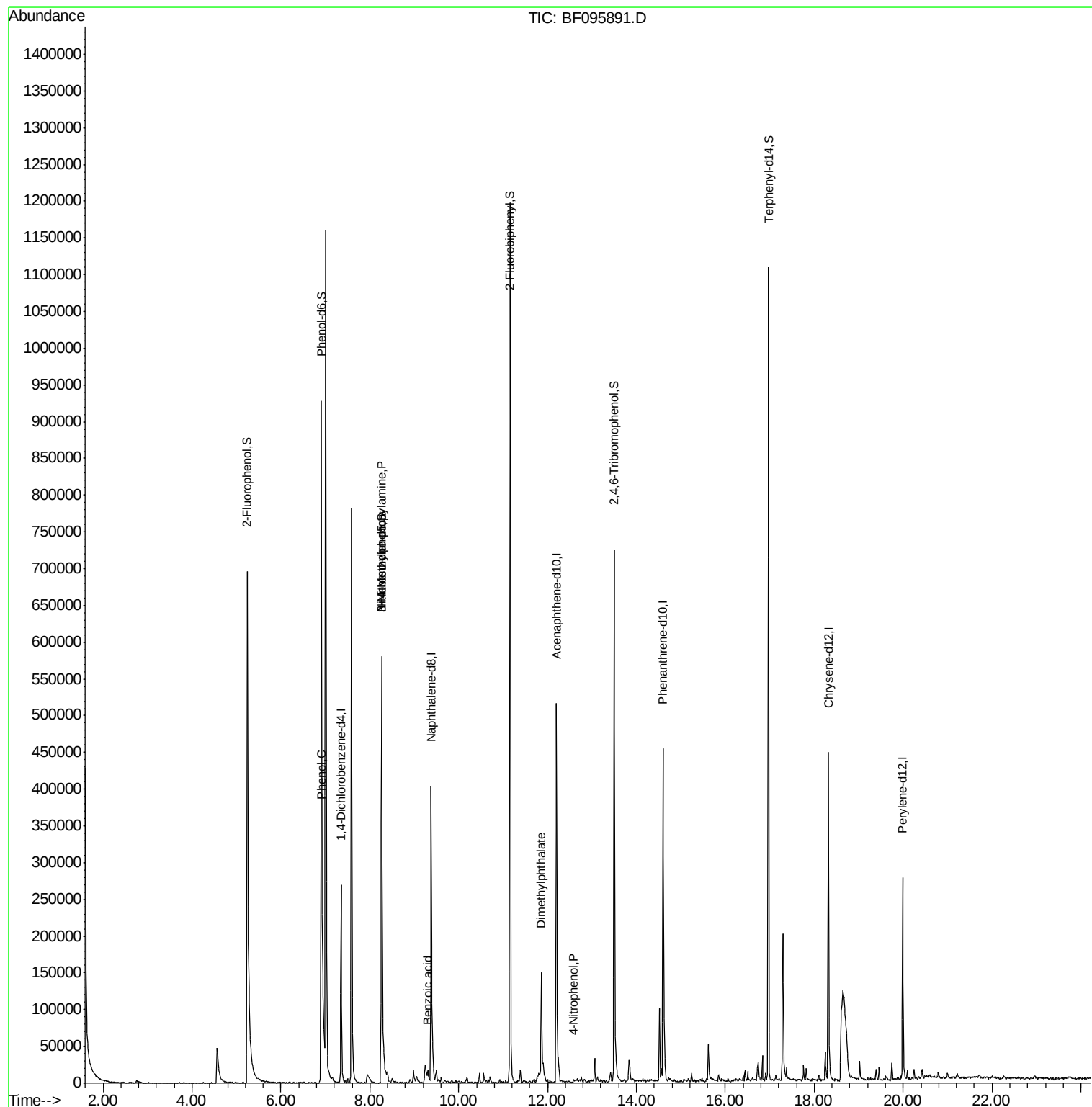
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	72297	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	303818	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	149859	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	276841	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	204985	20.00	ng	-0.04
86) Perylene-d12	19.99	264	144590	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	489525	107.89	ng	-0.04
7) Phenol-d6	6.91	99	601789	110.79	ng	-0.05
23) Nitrobenzene-d5	8.27	82	326495	66.74	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	138171	104.21	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	549984	51.07	ng	-0.06
78) Terphenyl-d14	16.97	244	438480	53.09	ng	-0.05
Target Compounds						
10) Phenol	6.93	94	24173	4.29	ng	# 72
19) n-Nitroso-di-n-propylamine	8.26	70	42499	12.35	ng	# 74
20) 3+4-Methylphenols	8.26	107	10681	2.08	ng	# 68
32) Benzoic acid	9.30	122	9238	8.23	ng	# 10
49) Dimethylphthalate	11.86	163	92622	8.14	ng	# 98
55) 4-Nitrophenol	12.59	139	304	4.80	ng	# 25

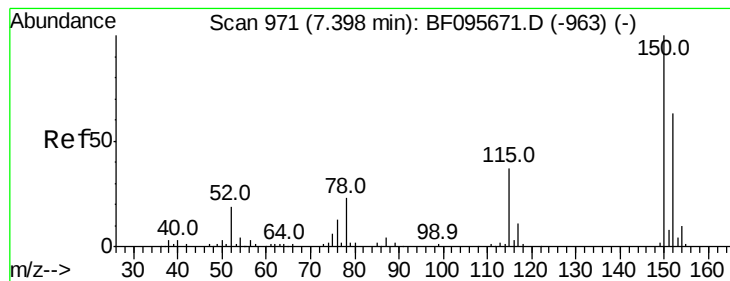
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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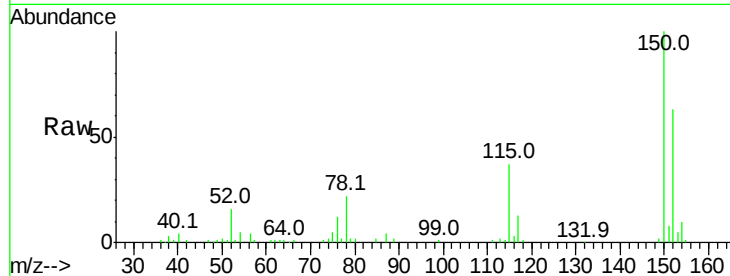


#1

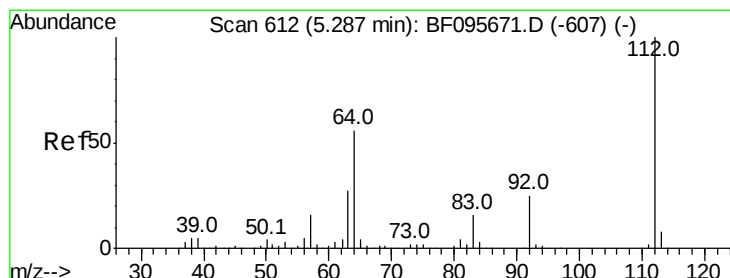
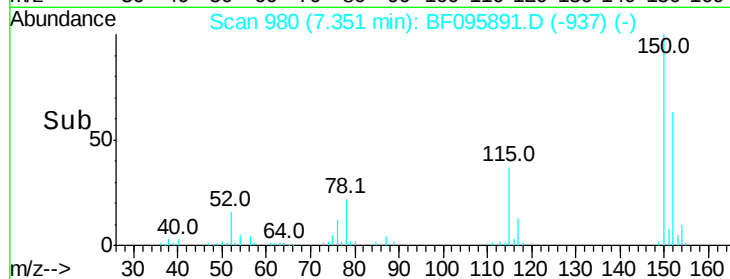
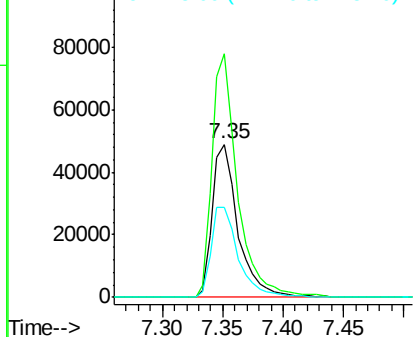
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095891.D
Acq: 13 Jun 2017 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72297
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 58.6 52.2 78.2



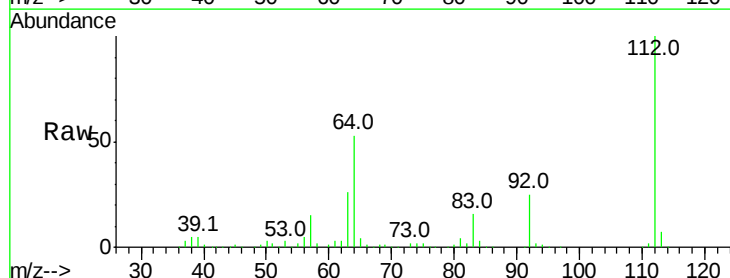
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



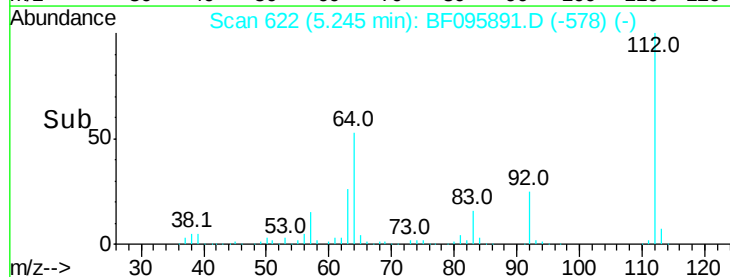
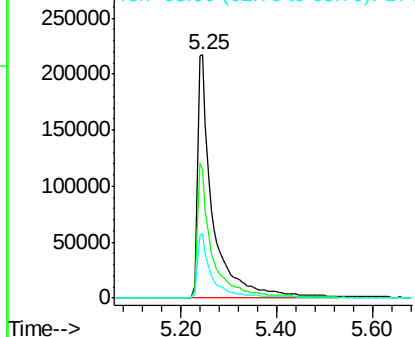
#5

2-Fluorophenol
Concen: 107.89 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095891.D
Acq: 13 Jun 2017 1:30

Tgt Ion:112 Resp: 489525
Ion Ratio Lower Upper
112 100
64 52.8 46.0 69.0
63 26.3 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: 110.79 ng

RT: 6.91 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF095891.D

Acq: 13 Jun 2017 1:30

Instrument :

BNA_F

ClientSampled :

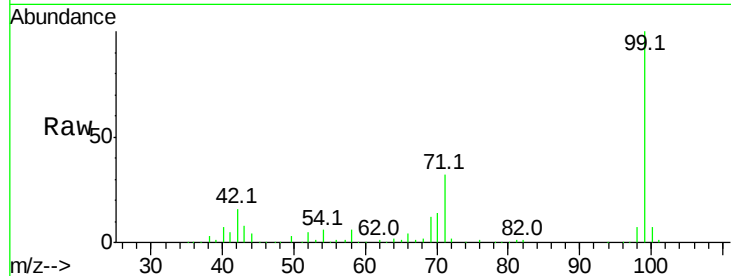
Tot Ion: 99 Resp: 601789

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

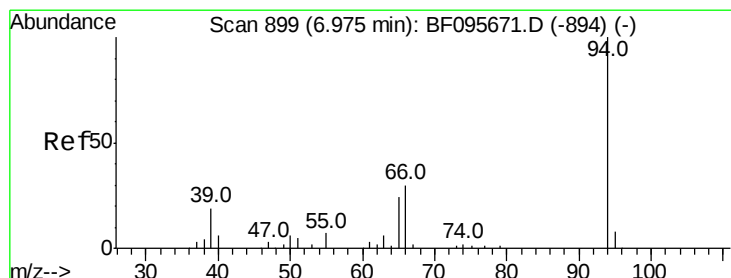
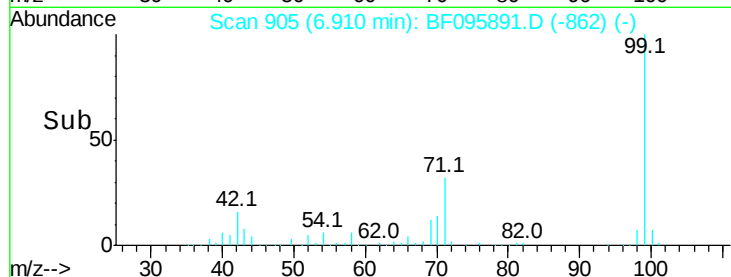
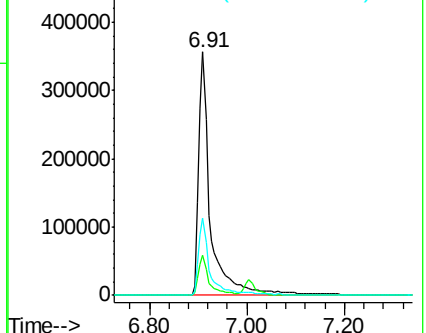
71 31.9 24.5 36.7



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



#10

Phenol

Concen: 4.29 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.05 min

Lab File: BF095891.D

Acq: 13 Jun 2017 1:30

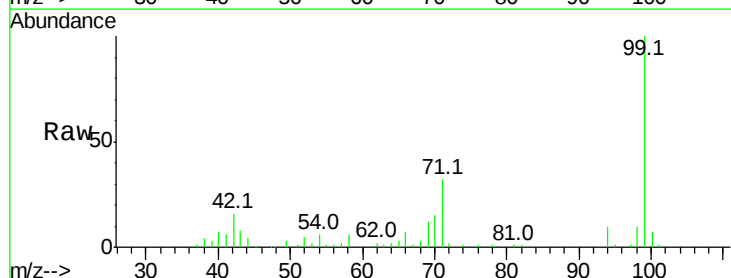
Tgt Ion: 94 Resp: 24173

Ion Ratio Lower Upper

94 100

65 35.4 9.9 49.9

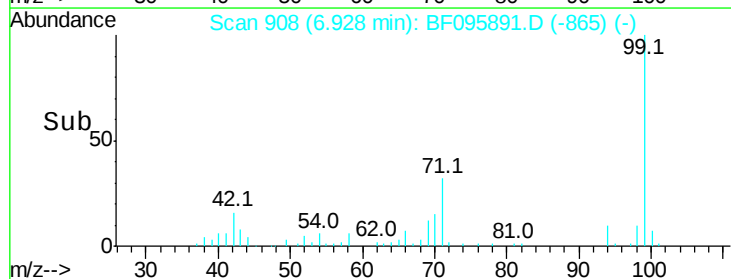
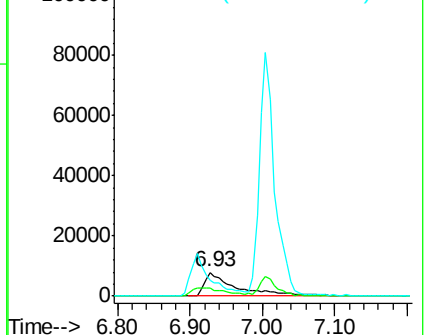
66 69.2 23.1 63.1#

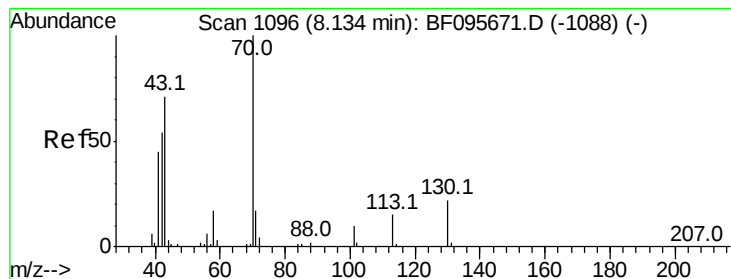


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.35 ng

RT: 8.26 min Scan# 1135

Delta R.T. 0.13 min

Lab File: BF095891.D

Acq: 13 Jun 2017 1:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 42499

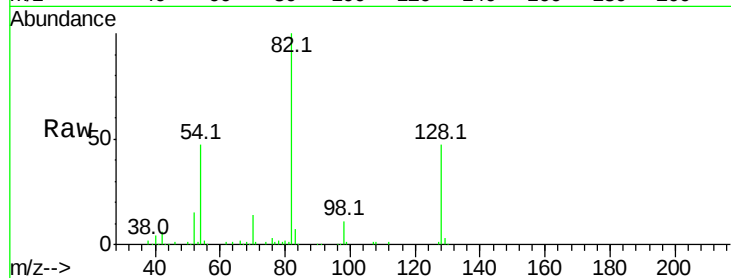
Ion Ratio Lower Upper

70 100

42 41.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#



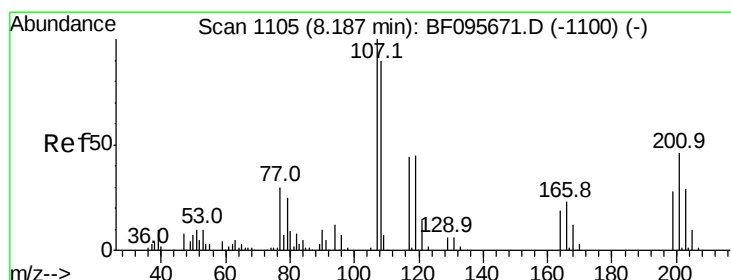
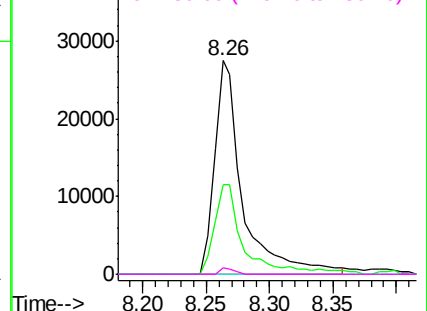
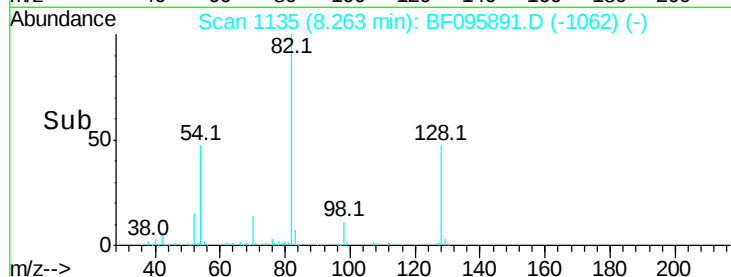
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 2.08 ng

RT: 8.26 min Scan# 1135

Delta R.T. 0.08 min

Lab File: BF095891.D

Acq: 13 Jun 2017 1:30

Tgt Ion:107 Resp: 10681

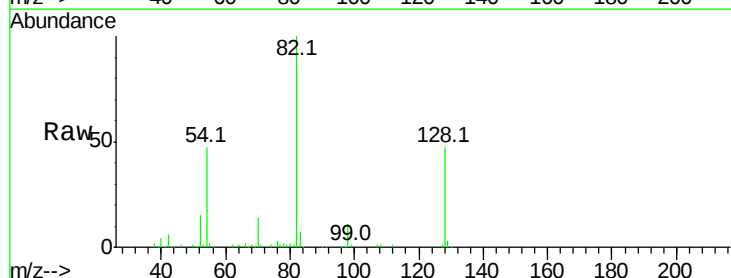
Ion Ratio Lower Upper

107 100

108 90.5 71.0 111.0

77 45.7 90.5 130.5#

79 39.3 8.4 48.4



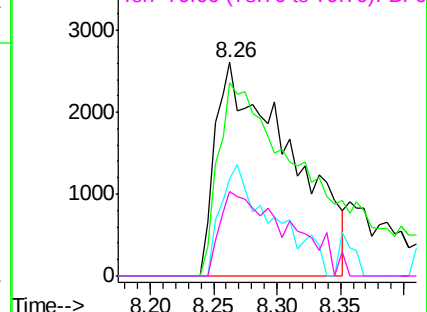
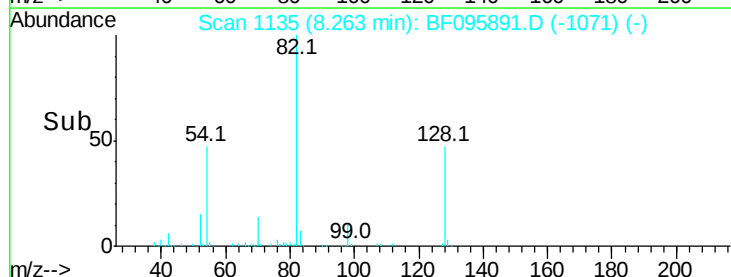
Abundance

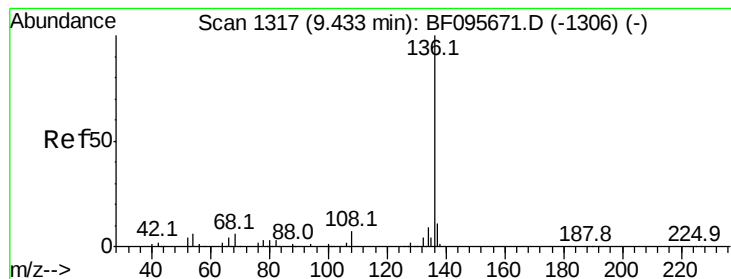
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095891.D

Acq: 13 Jun 2017 1:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 303818

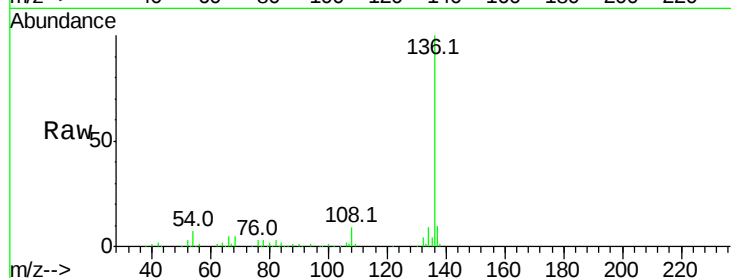
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.6 4.9 7.3

68 5.3 4.1 6.1

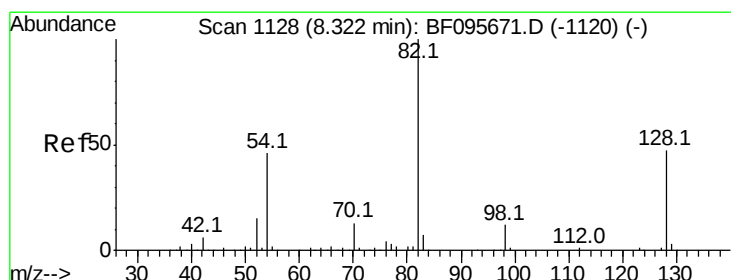
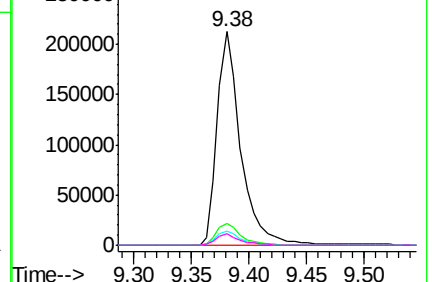
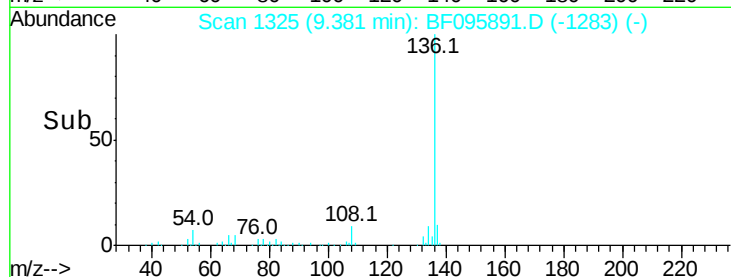


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.74 ng

RT: 8.27 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF095891.D

Acq: 13 Jun 2017 1:30

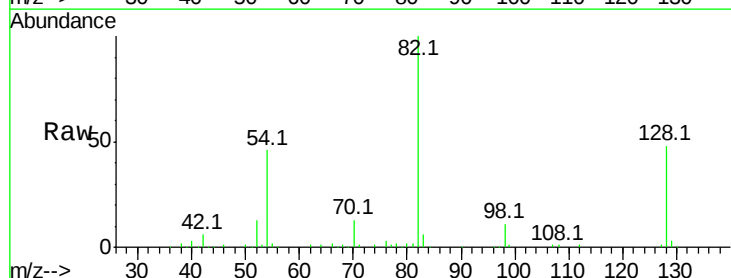
Tgt Ion: 82 Resp: 326495

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

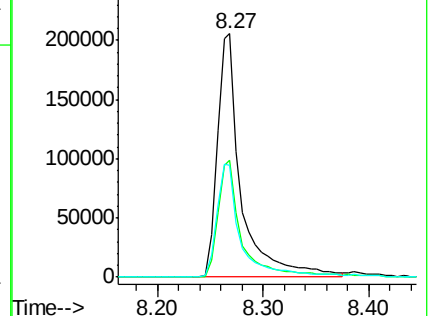
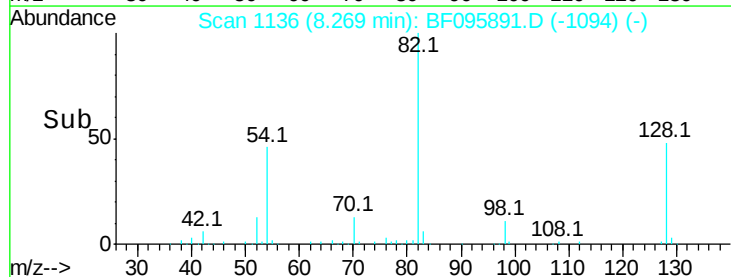
54 45.7 42.2 63.2

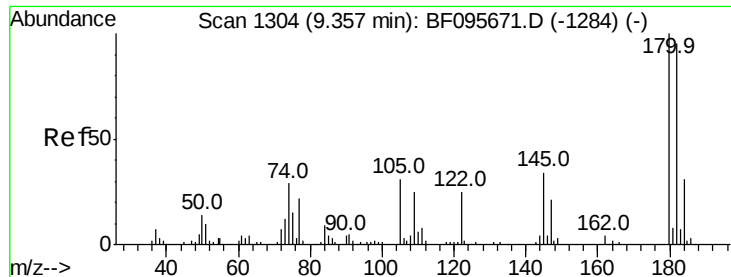


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

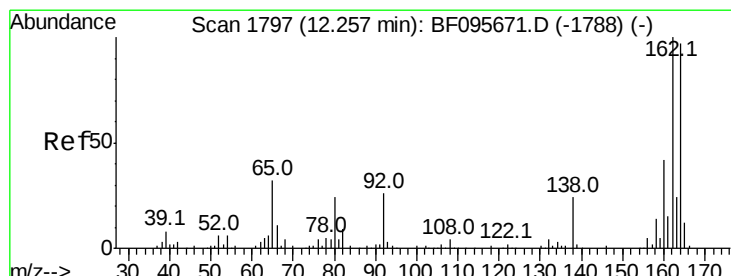
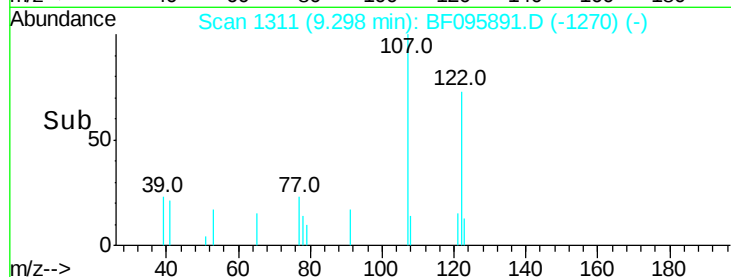
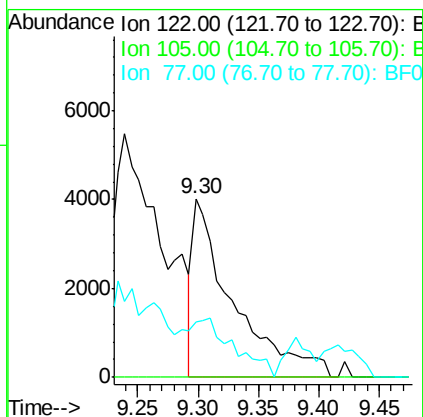
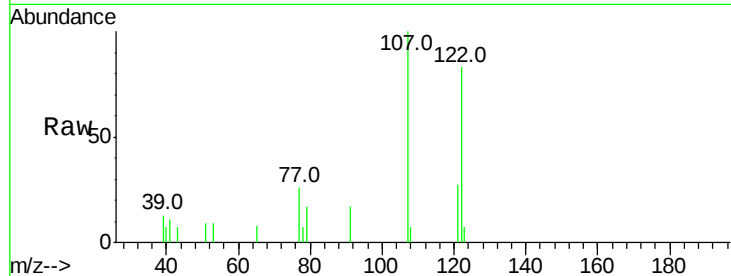




#32
Benzoic acid
Concen: 8.23 ng
RT: 9.30 min Scan# 1311
Delta R.T. -0.06 min
Lab File: BF095891.D
Acq: 13 Jun 2017 1:30

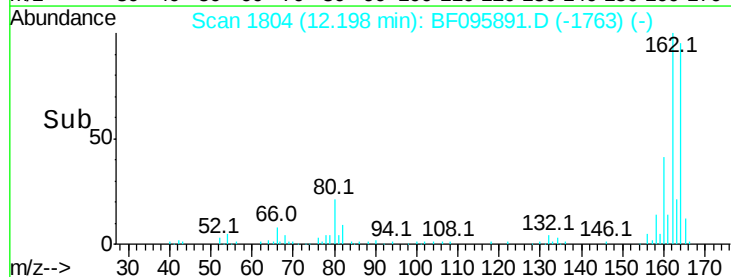
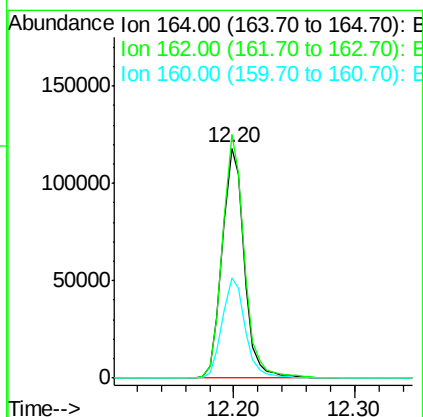
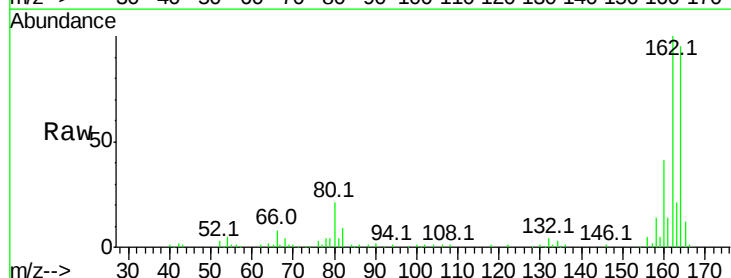
Instrument :
BNA_F
ClientSampleId :

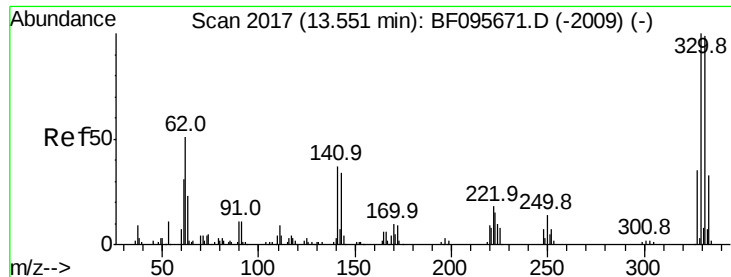
Tot Ion:122 Resp: 9238
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 30.9 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095891.D
Acq: 13 Jun 2017 1:30

Tgt Ion:164 Resp: 149859
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 43.5 36.2 54.2

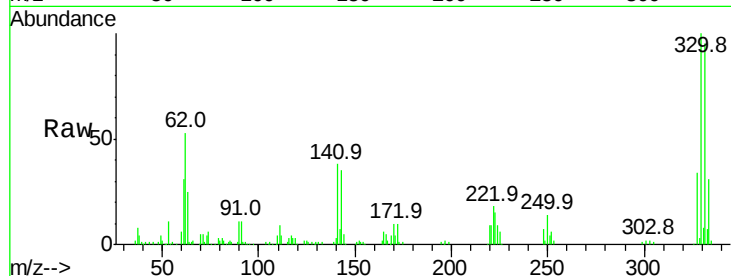




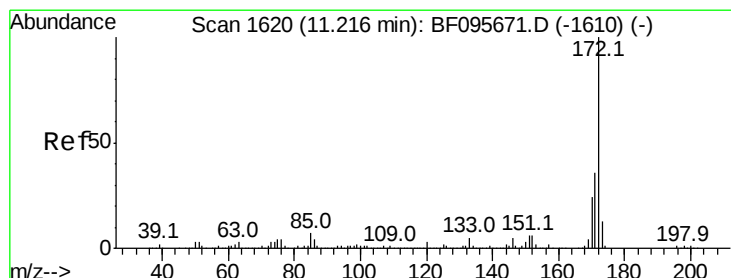
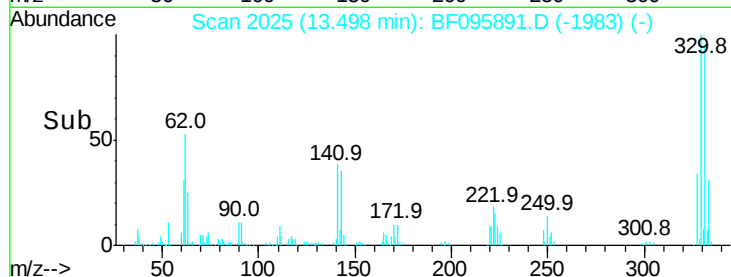
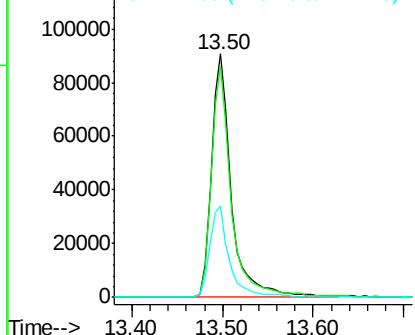
#41
 2,4,6-Tribromophenol
 Concen: 104.21 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095891.D
 Acq: 13 Jun 2017 1:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 138171
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 37.8 31.4 47.2

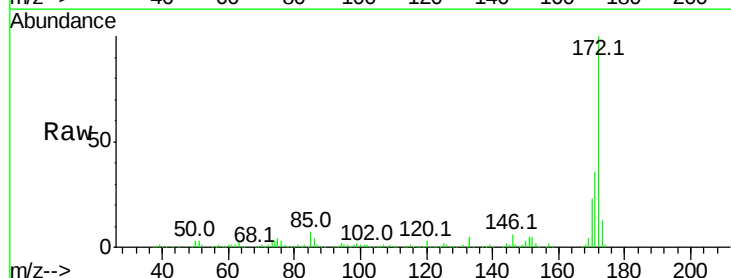


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

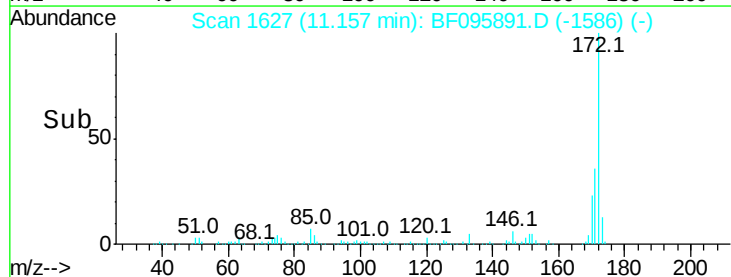
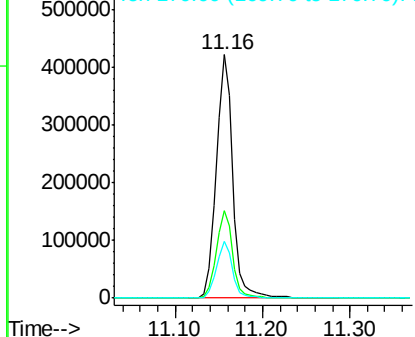


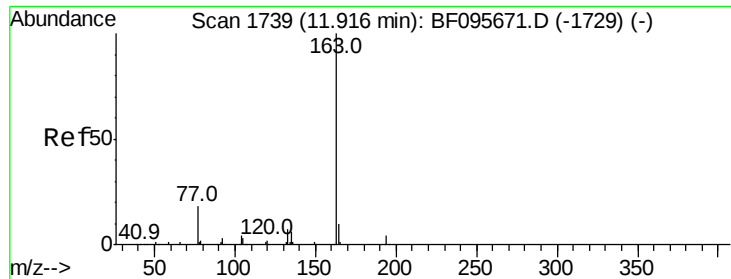
#44
 2-Fluorobiphenyl
 Concen: 51.07 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. -0.06 min
 Lab File: BF095891.D
 Acq: 13 Jun 2017 1:30

Tgt Ion:172 Resp: 549984
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.2 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

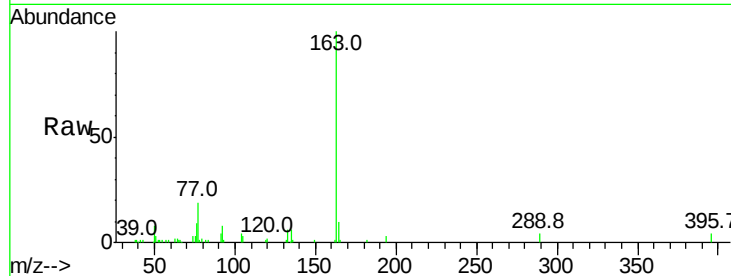




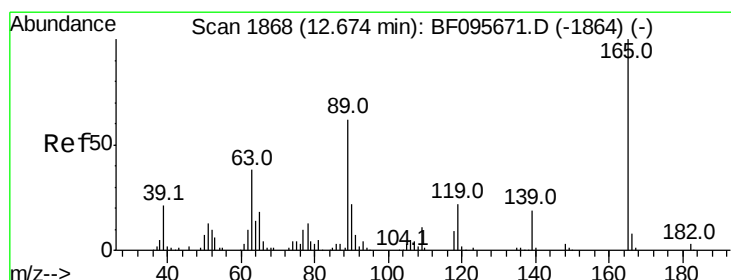
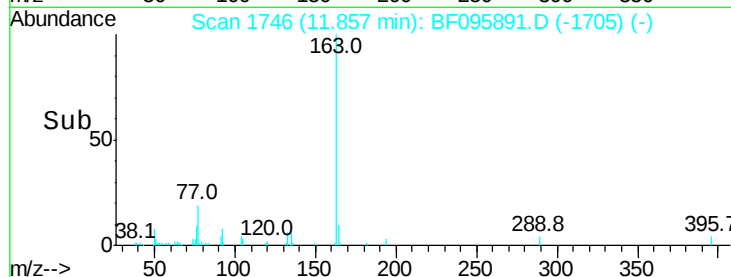
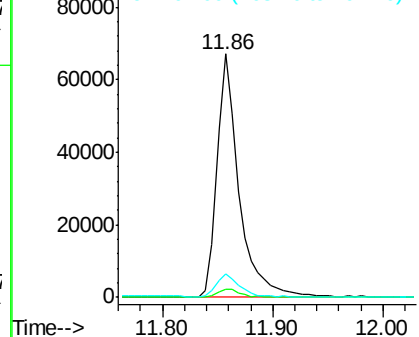
#49
Dimethylphthalate
Concen: 8.14 ng
RT: 11.86 min Scan# 1746
Delta R.T. -0.06 min
Lab File: BF095891.D
Acq: 13 Jun 2017 1:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.5	8.4	12.6

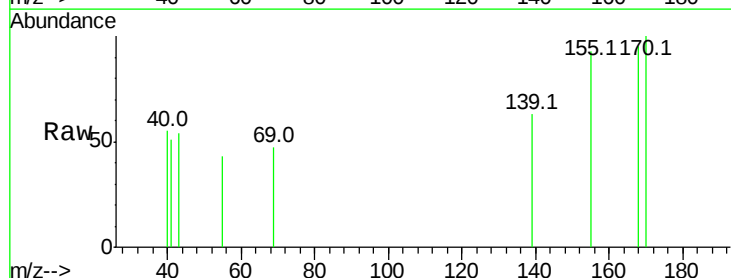


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

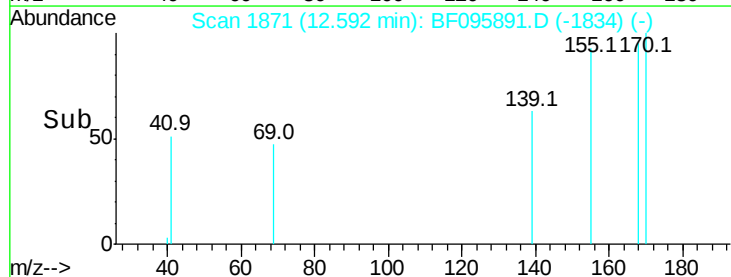
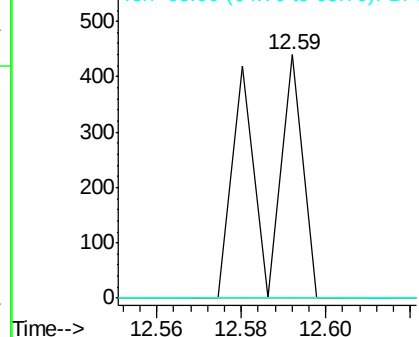


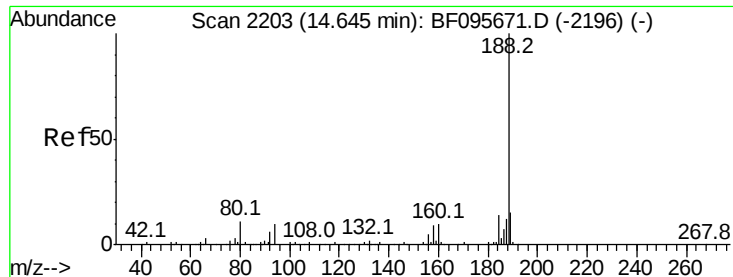
#55
4-Nitrophenol
Concen: 4.80 ng
RT: 12.59 min Scan# 1871
Delta R.T. -0.08 min
Lab File: BF095891.D
Acq: 13 Jun 2017 1:30

Tgt 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

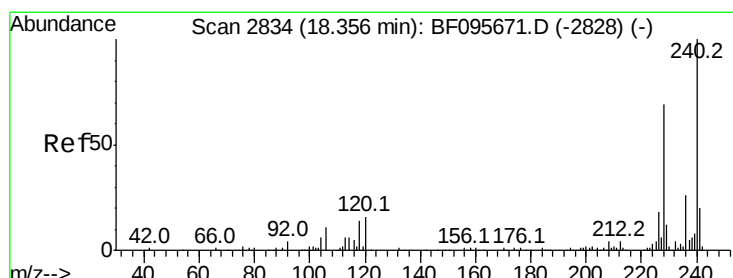
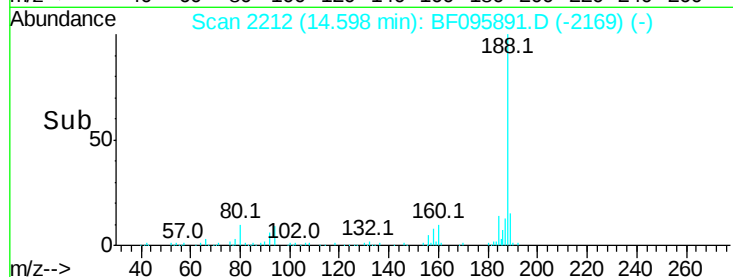
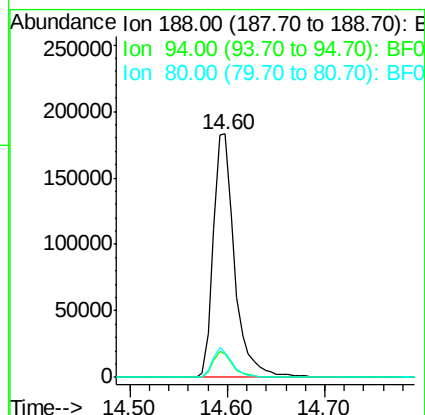
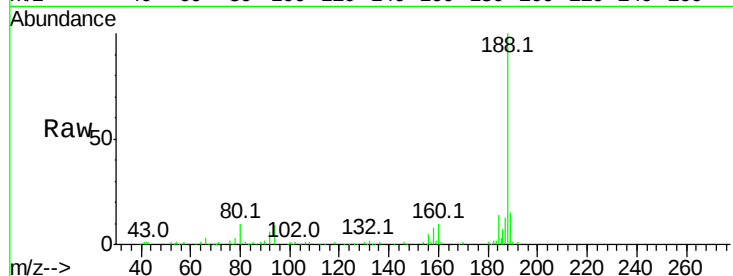




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095891.D
Acq: 13 Jun 2017 1:30

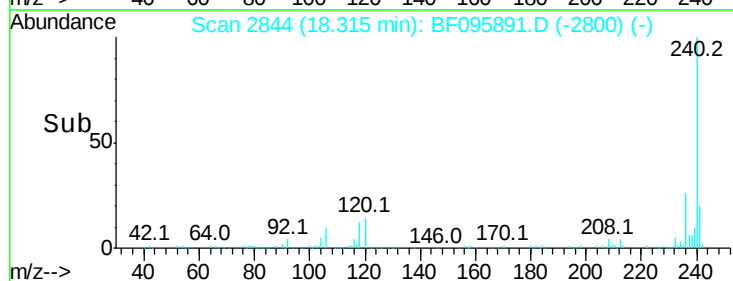
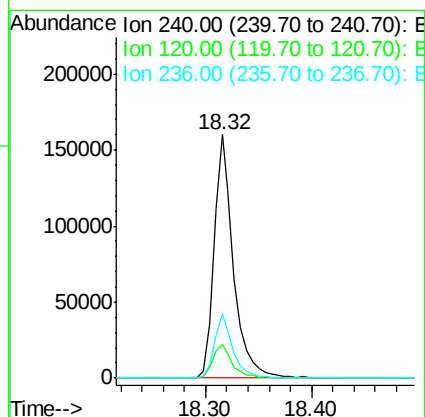
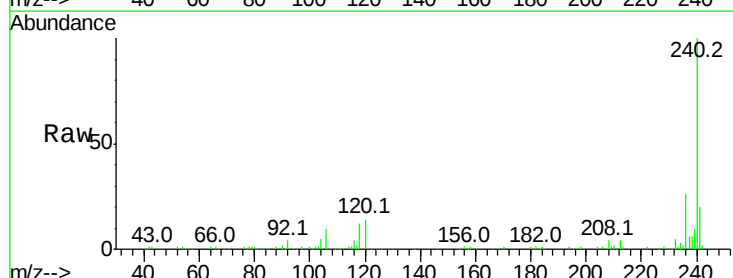
Instrument :
BNA_F
ClientSampled :

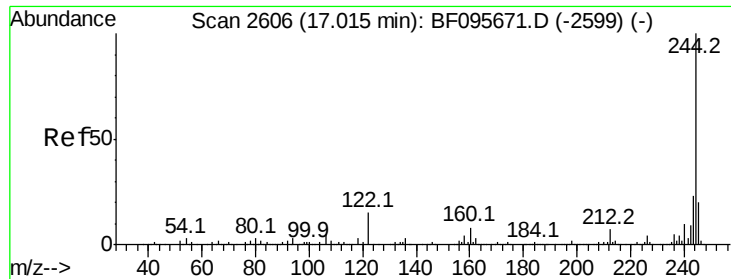
Tot Ion:188 Resp: 276841
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2#
80 10.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095891.D
Acq: 13 Jun 2017 1:30

Tgt Ion:240 Resp: 204985
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 26.3 20.5 30.7

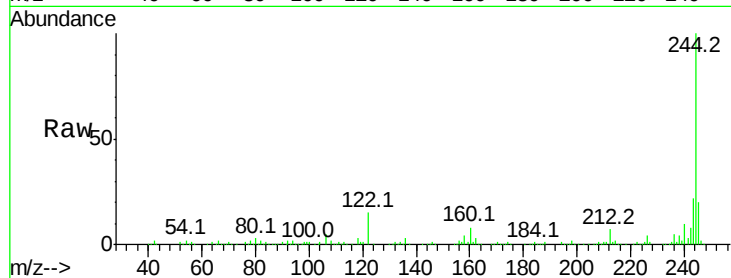




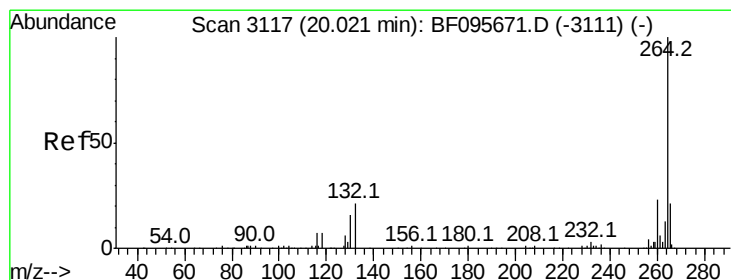
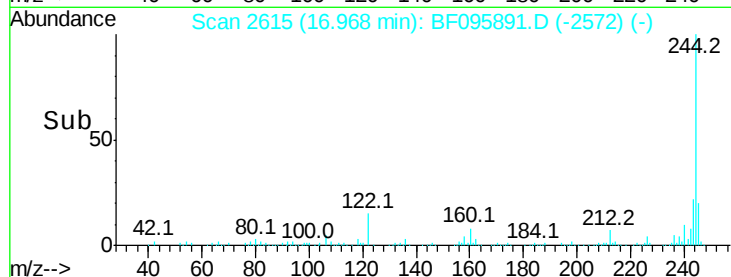
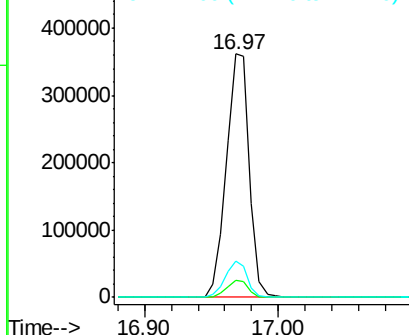
#78
 Terphenyl-d14
 Concen: 53.09 ng
 RT: 16.97 min Scan# 2615
 Delta R.T. -0.05 min
 Lab File: BF095891.D
 Acq: 13 Jun 2017 1:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 438480
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.8 10.3 15.5

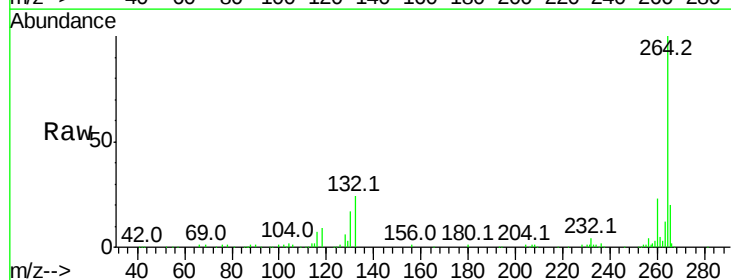


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095891.D
 Acq: 13 Jun 2017 1:30

Tgt Ion:264 Resp: 144590
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.5 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

