

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095331.D
 Acq On : 23 May 2017 2:26
 Operator : SJ/MA
 Sample : I3278-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 05:02:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

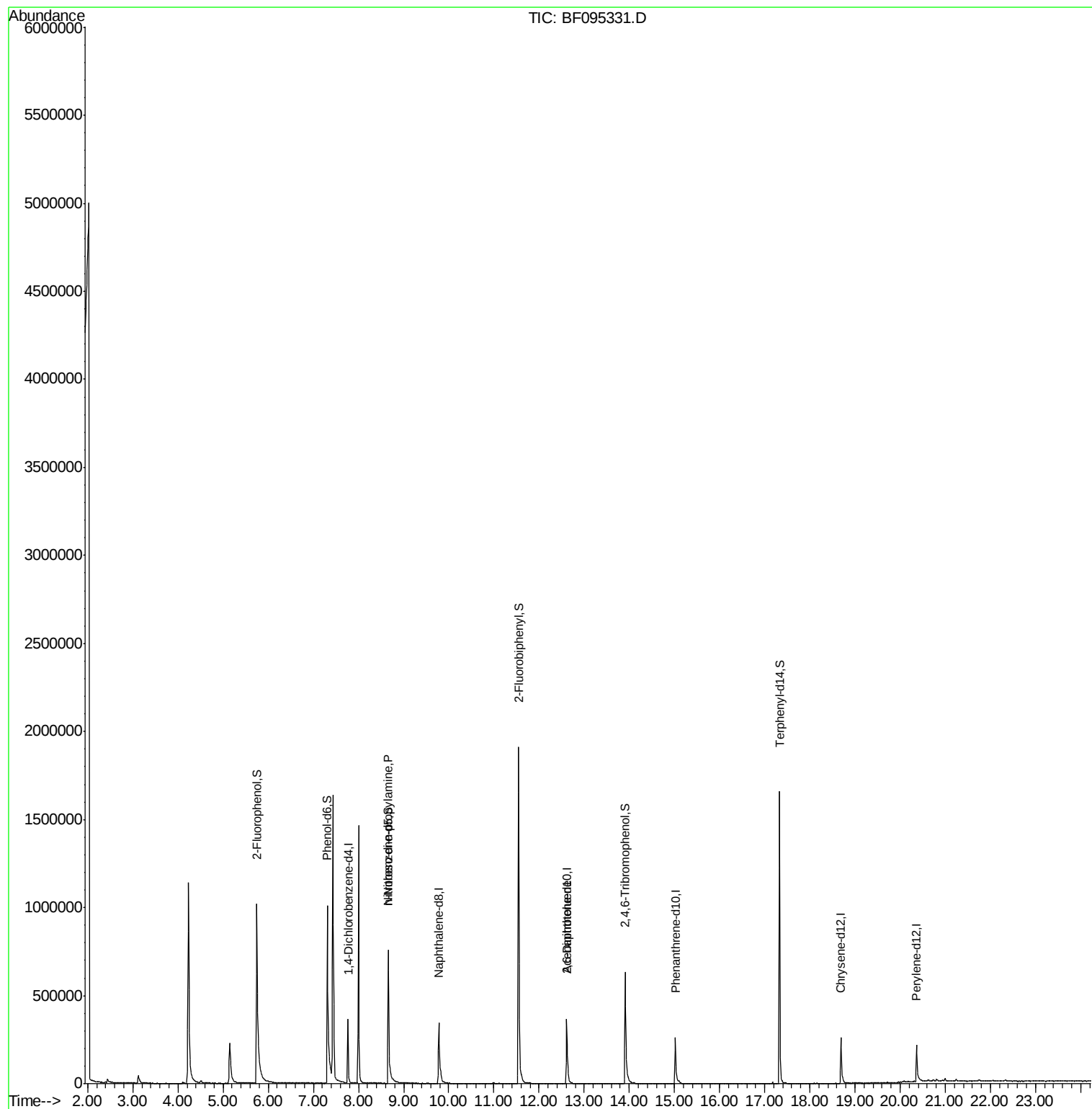
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	85318	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	355228	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	150415	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	188182	20.00	ng	0.00
75) Chrysene-d12	18.69	240	167070	20.00	ng	0.00
86) Perylene-d12	20.37	264	135903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	745948	145.77	ng	0.00
7) Phenol-d6	7.31	99	799872	130.27	ng	0.00
23) Nitrobenzene-d5	8.66	82	481871	85.54	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	154134	125.12	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1068177	102.22	ng	-0.01
78) Terphenyl-d14	17.33	244	647246	85.33	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	56101	13.51	ng	# 75
50) 2,6-Dinitrotoluene	12.61	165	15595	6.19	ng	# 31

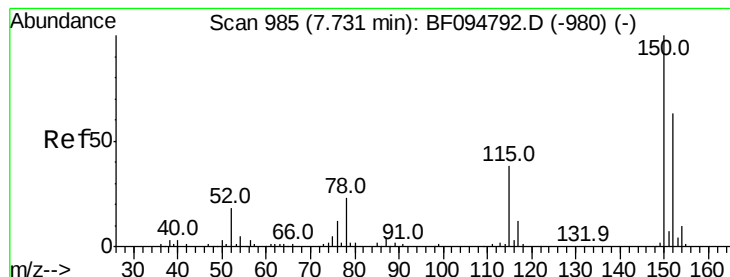
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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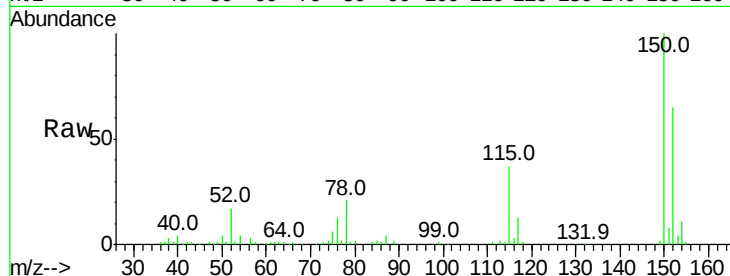


#1

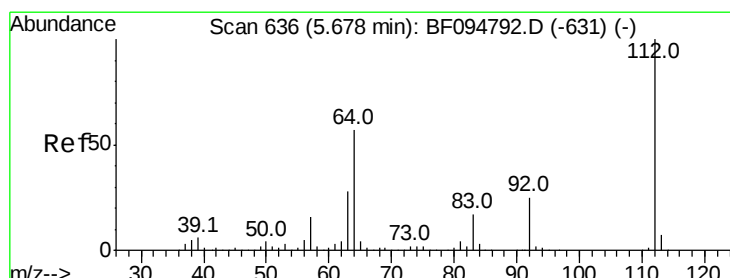
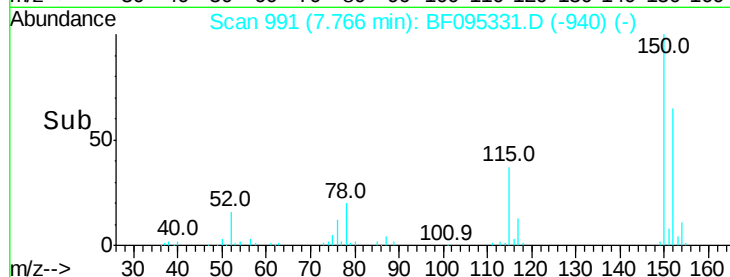
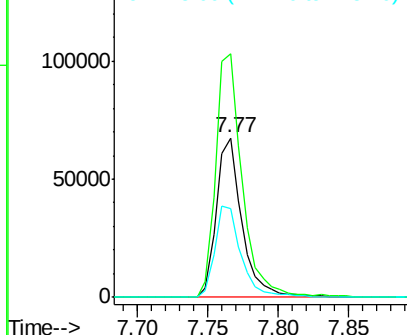
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095331.D
Acq: 23 May 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85318
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 56.1 52.2 78.2



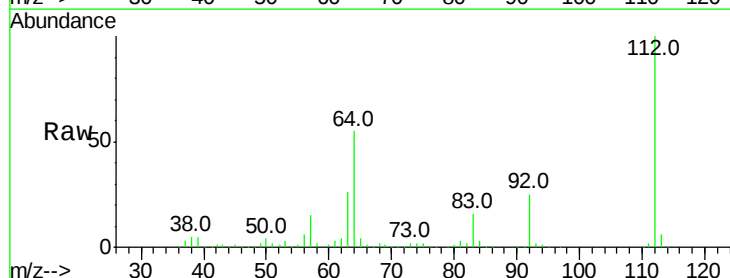
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



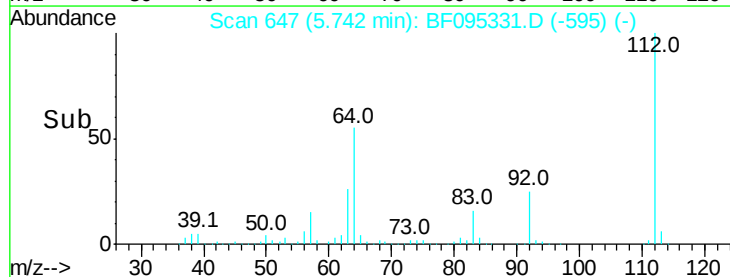
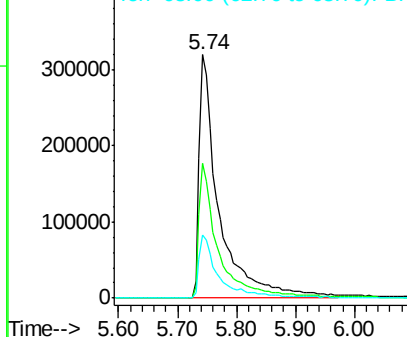
#5

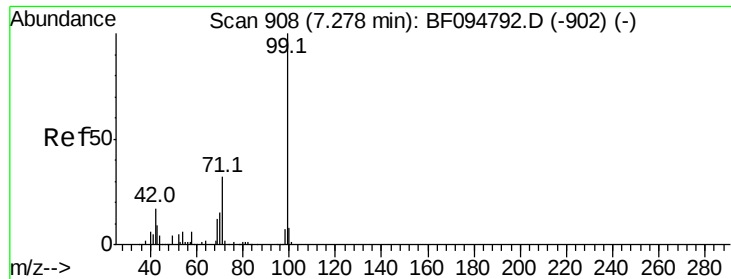
2-Fluorophenol
Concen: 145.77 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095331.D
Acq: 23 May 2017 2:26

Tgt Ion:112 Resp: 745948
Ion Ratio Lower Upper
112 100
64 55.2 46.0 69.0
63 25.8 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: 130.27 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

Instrument :

BNA_F

ClientSampled :

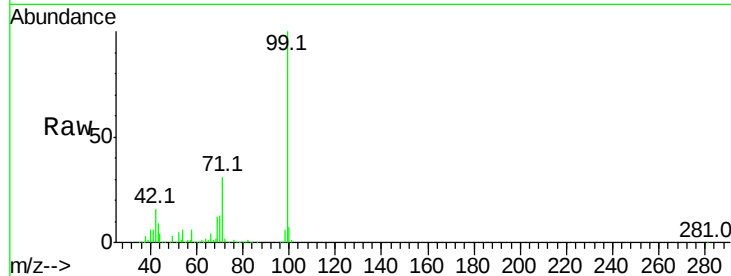
Tot Ion: 99 Resp: 799872

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

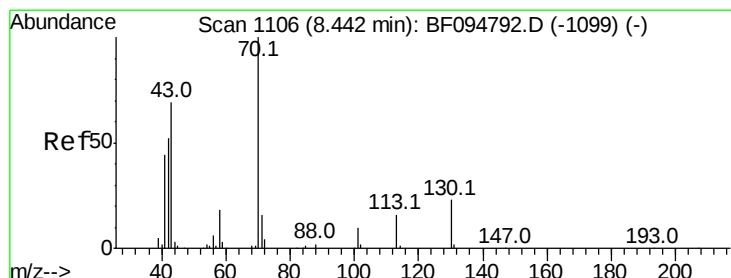
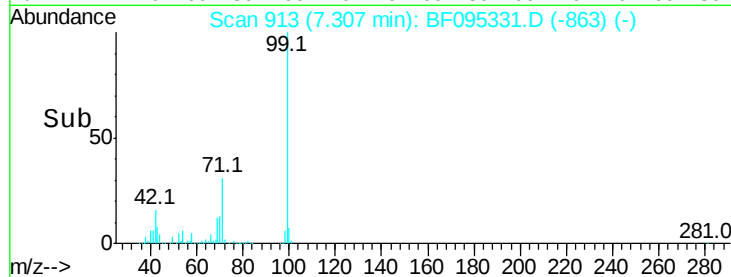
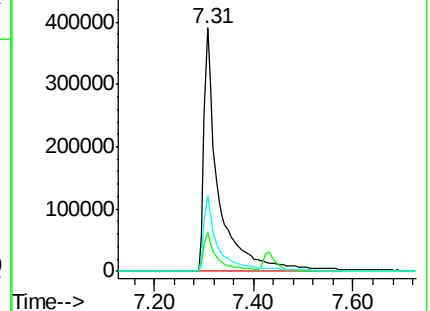
71 31.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.51 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

Tgt Ion: 70 Resp: 56101

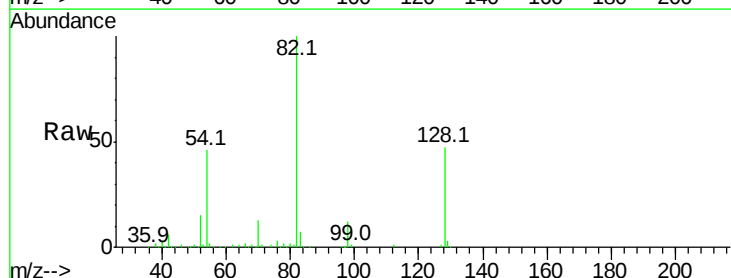
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

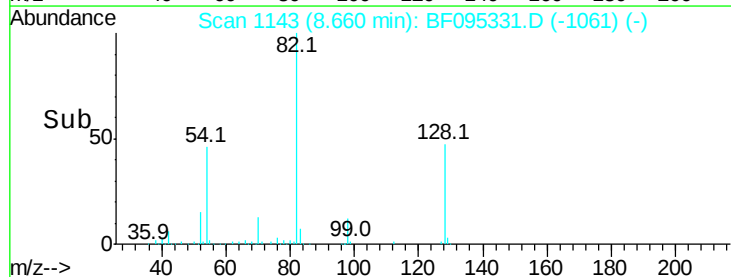
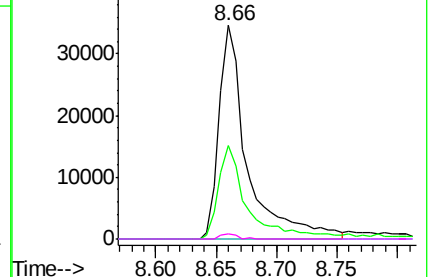


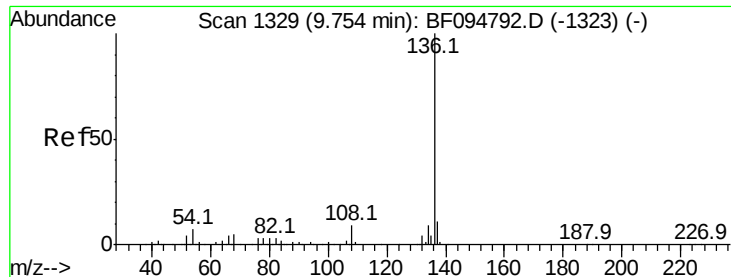
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 355228

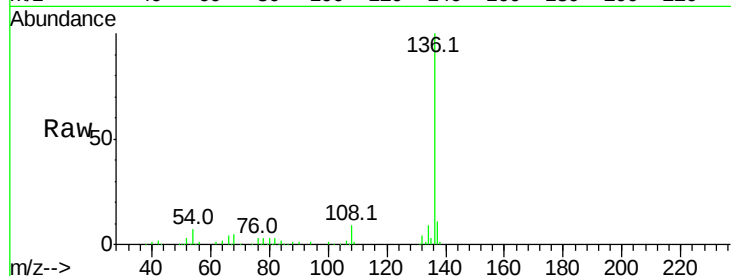
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.3 4.9 7.3

68 5.5 4.1 6.1

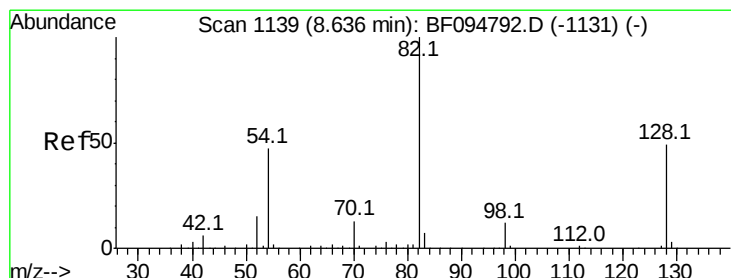
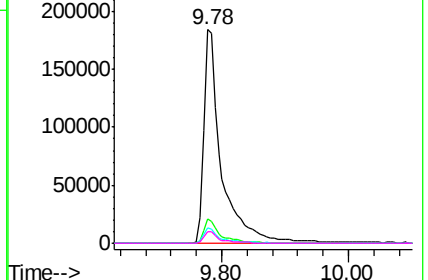
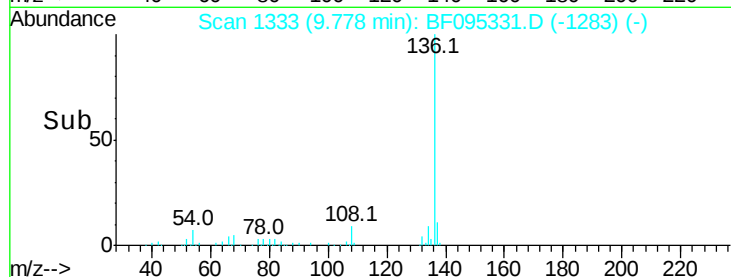


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.54 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

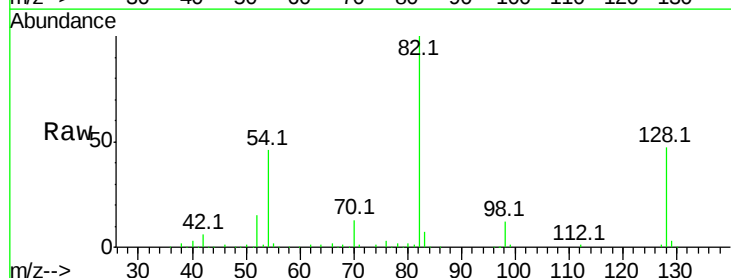
Tgt Ion: 82 Resp: 481871

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

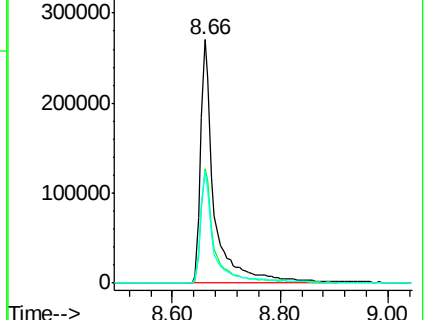
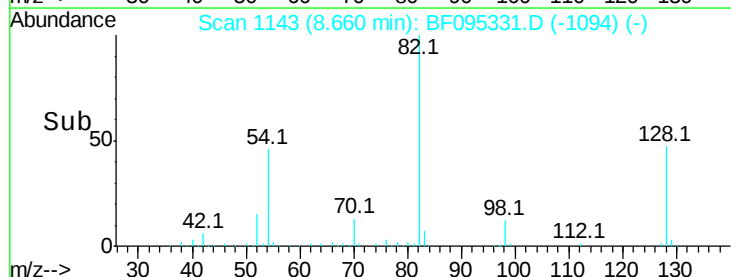
54 46.1 42.2 63.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

Instrument :

BNA_F

ClientSampled :

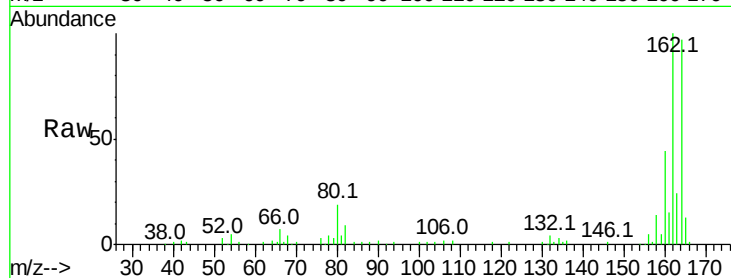
Tot Ion:164 Resp: 150415

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

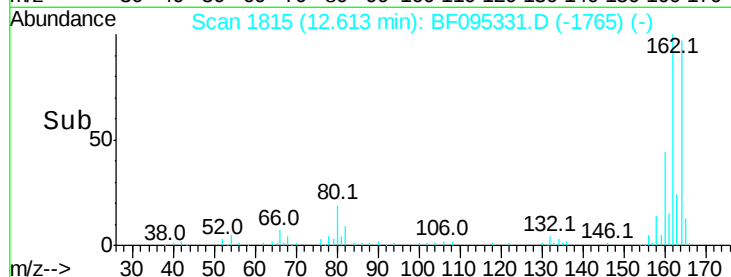
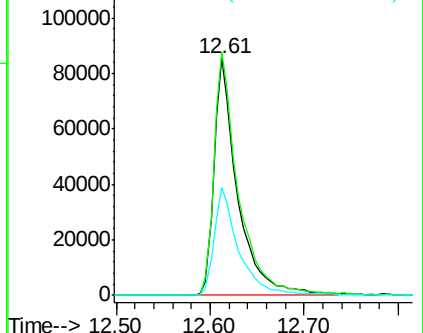
160 45.5 36.2 54.2



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: 125.12 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095331.D

Acq: 23 May 2017 2:26

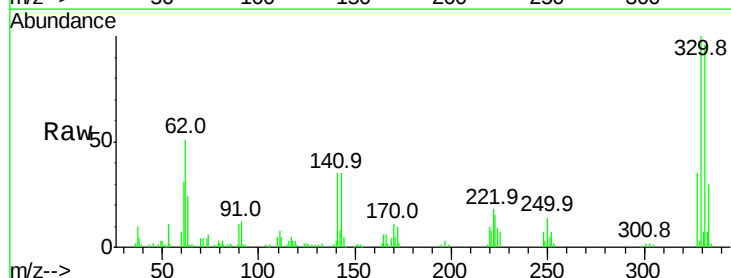
Tgt Ion:330 Resp: 154134

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

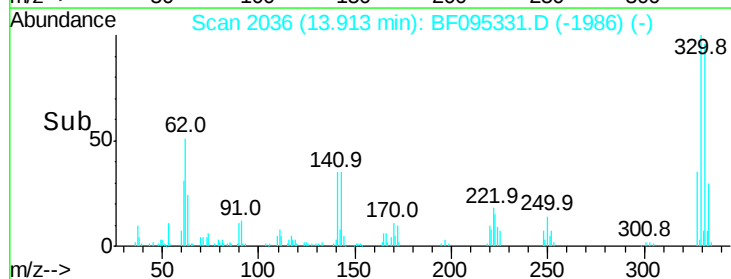
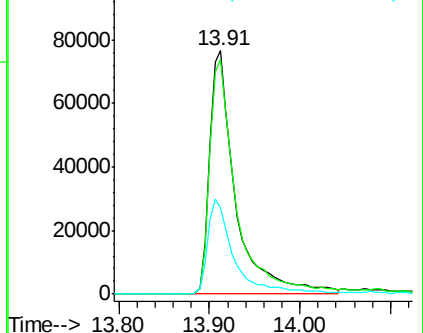
141 39.9 31.4 47.2

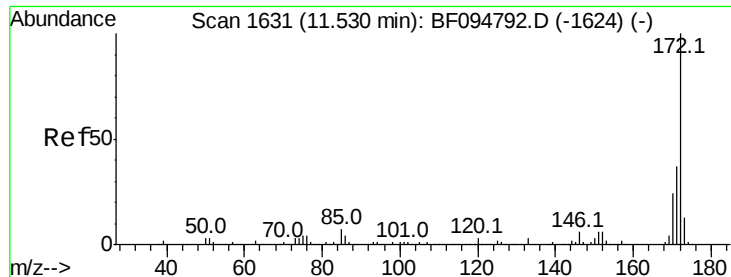


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

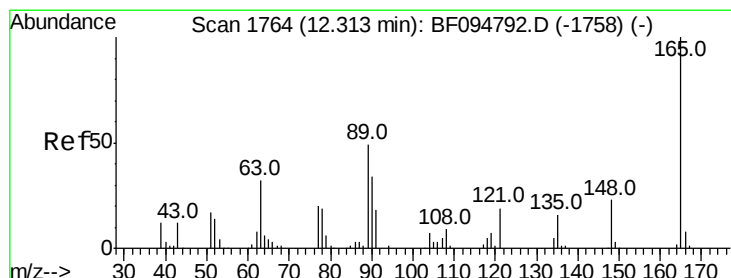
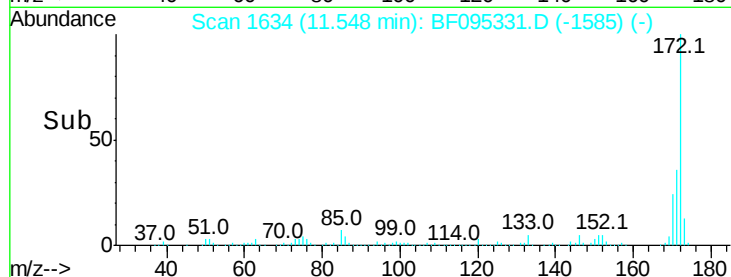
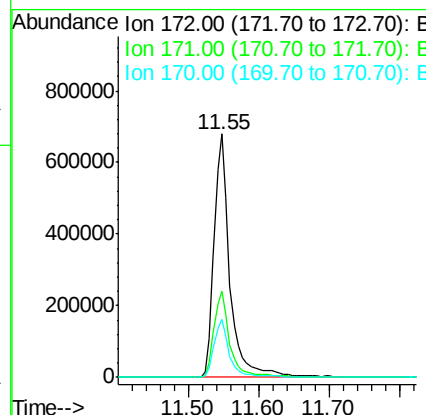
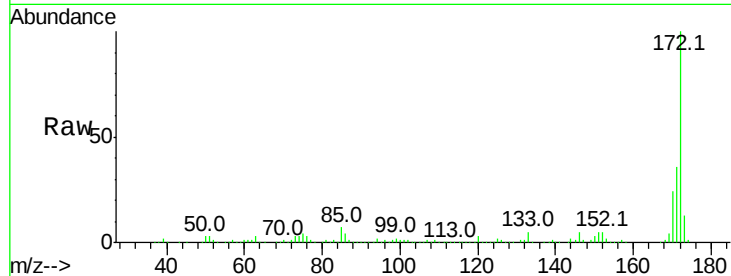




#44
 2-Fluorobiphenyl
 Concen: 102.22 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095331.D
 Acq: 23 May 2017 2:26

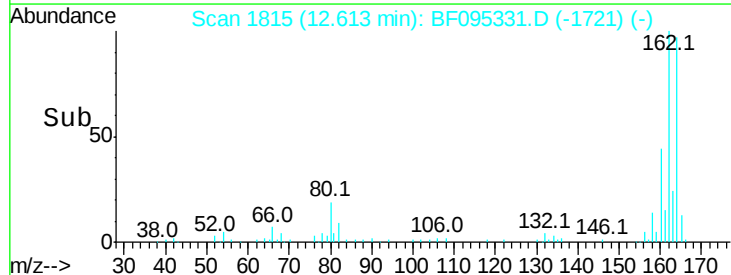
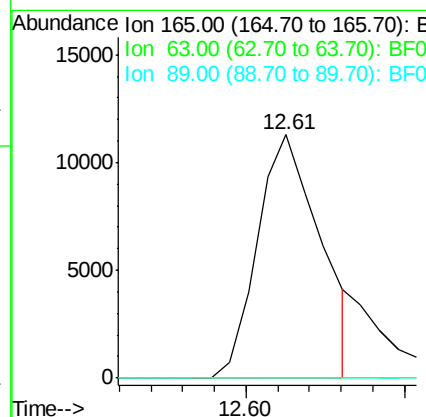
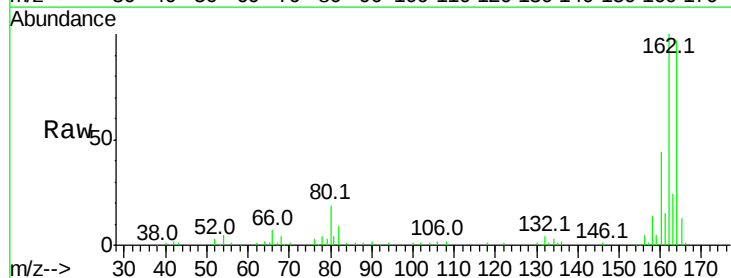
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1068177
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.8 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.19 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095331.D
 Acq: 23 May 2017 2:26

Tgt Ion:165 Resp: 15595
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

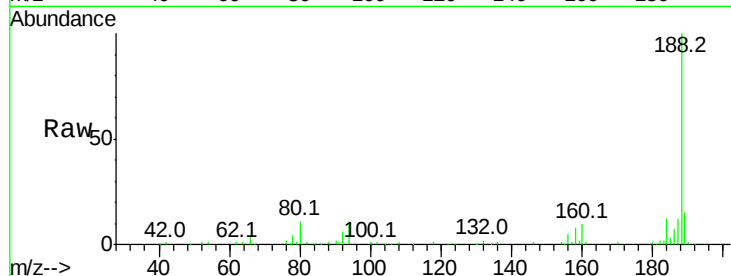




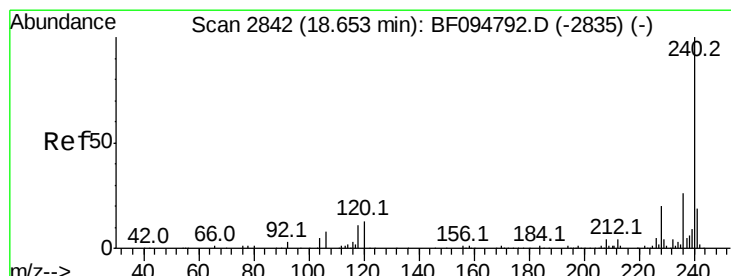
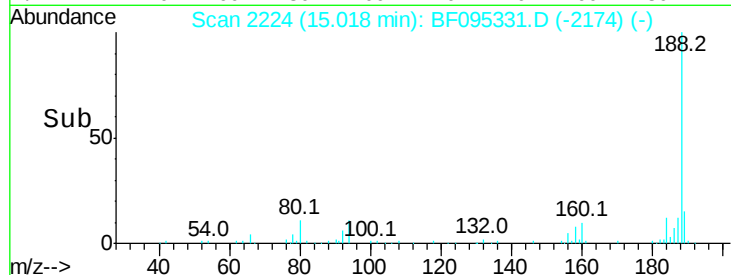
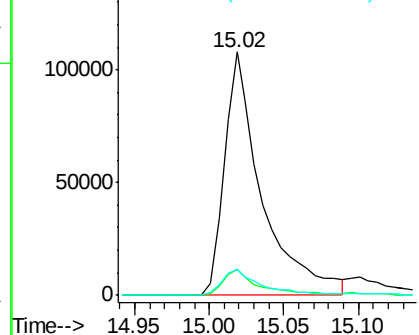
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095331.D
Acq: 23 May 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.8	10.2	15.2

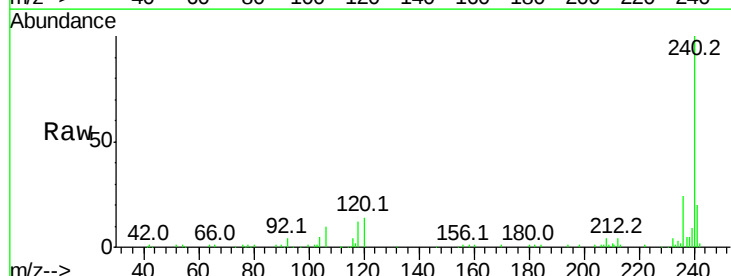


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

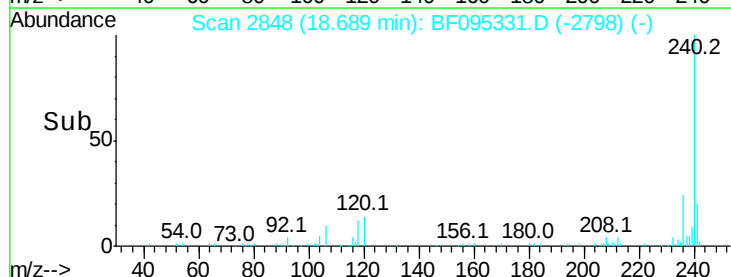
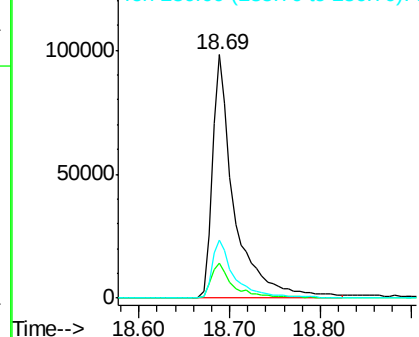


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095331.D
Acq: 23 May 2017 2:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	23.9	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

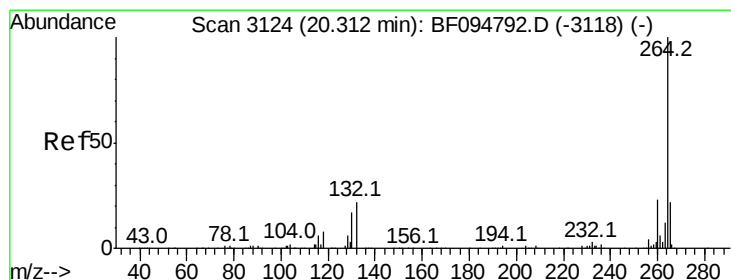
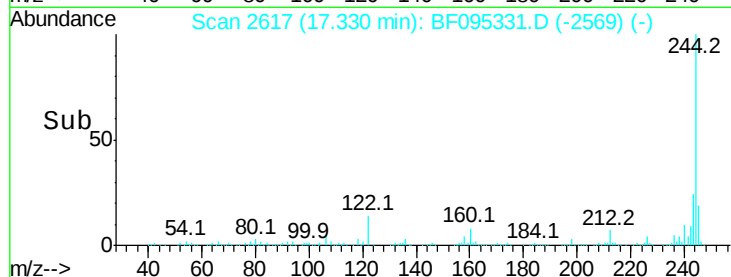
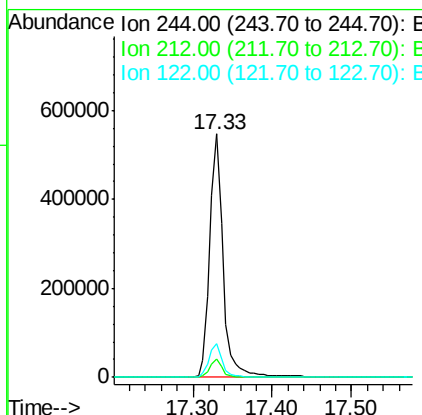
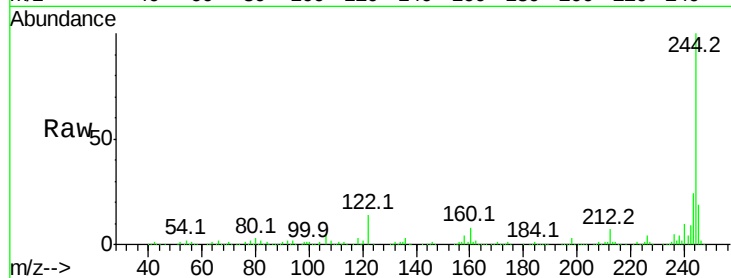




#78
 Terphenyl-d14
 Concen: 85.33 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095331.D
 Acq: 23 May 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 647246
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095331.D
 Acq: 23 May 2017 2:26

Tgt Ion:264 Resp: 135903
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 19.8 17.2 25.8

