

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095312.D
 Acq On : 22 May 2017 14:10
 Operator : SJ/MA
 Sample : I3252-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:12:30 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

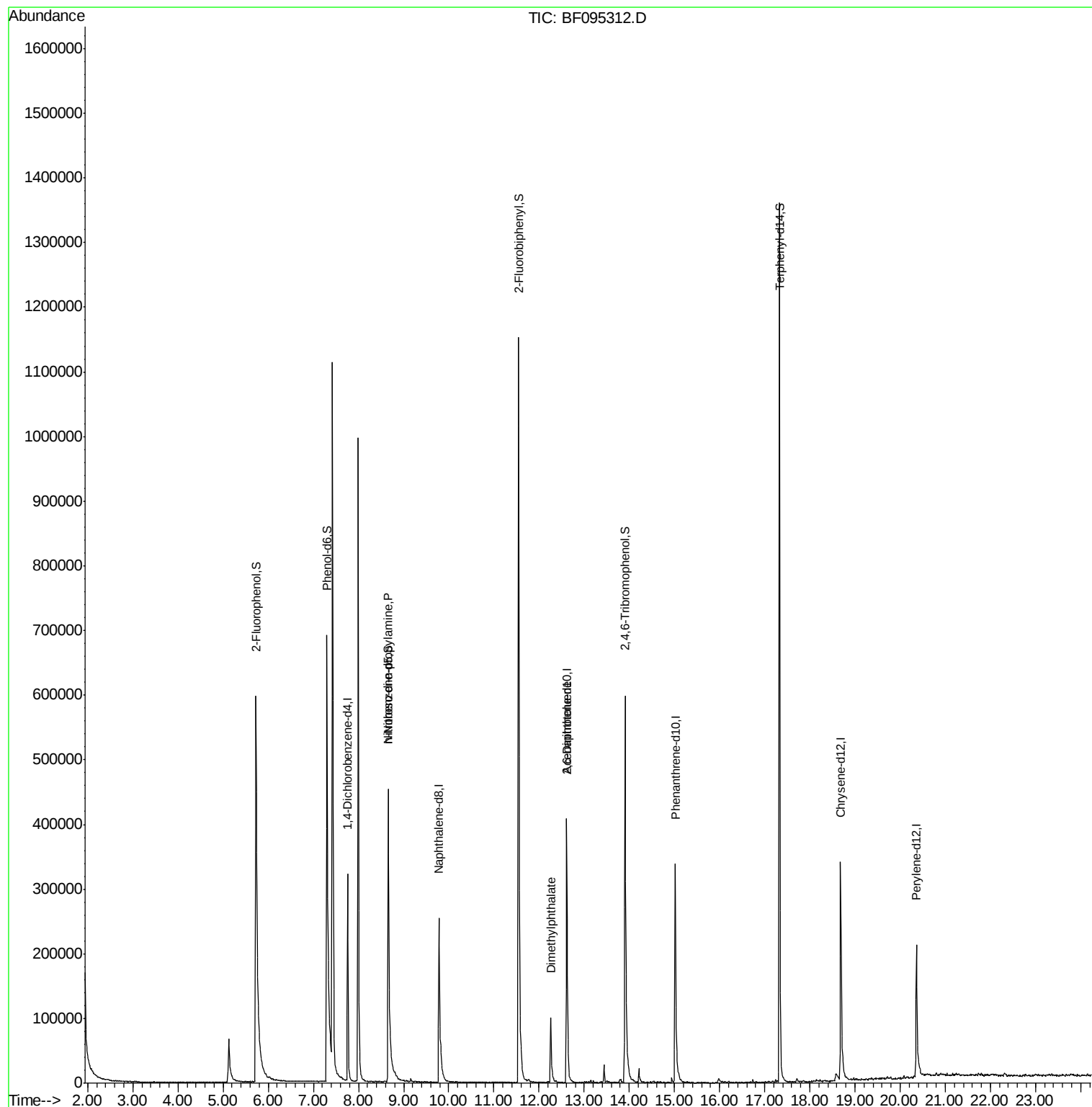
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	76707	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	309673	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	154149	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	285083	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	231619	20.00	ng	-0.01
86) Perylene-d12	20.36	264	145017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	521272	113.30	ng	-0.01
7) Phenol-d6	7.30	99	633027	114.67	ng	-0.02
23) Nitrobenzene-d5	8.66	82	352624	71.80	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	138883	110.01	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	703419	65.68	ng	-0.01
78) Terphenyl-d14	17.33	244	581185	55.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	39627	10.61	ng	# 73
49) Dimethylphthalate	12.26	163	97921	7.74	ng	99
50) 2,6-Dinitrotoluene	12.61	165	16790	6.50	ng	# 31

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

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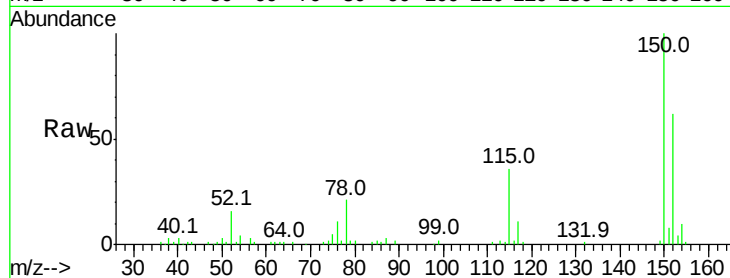


#1

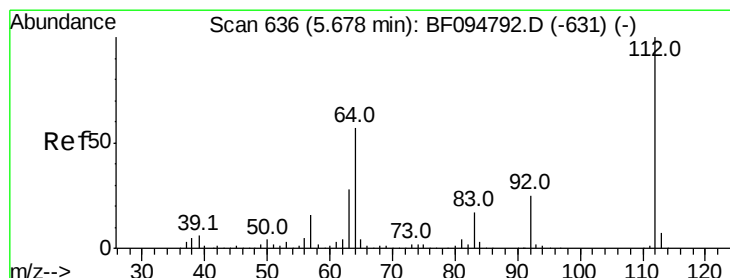
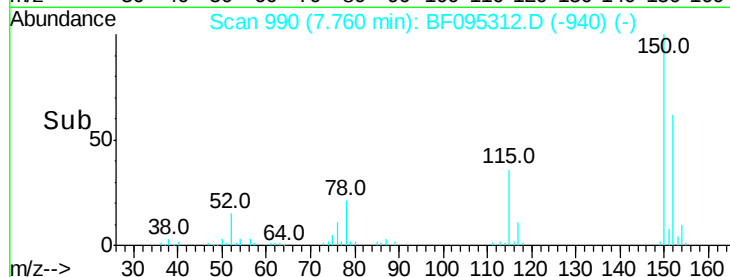
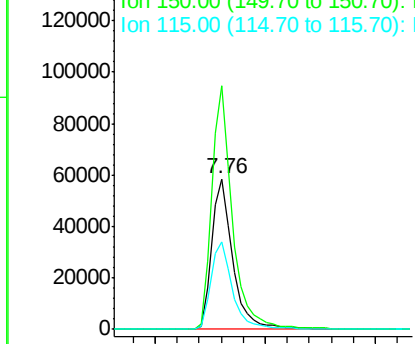
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095312.D
Acq: 22 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76707
Ion Ratio Lower Upper
152 100
150 162.1 126.2 189.2
115 58.6 52.2 78.2



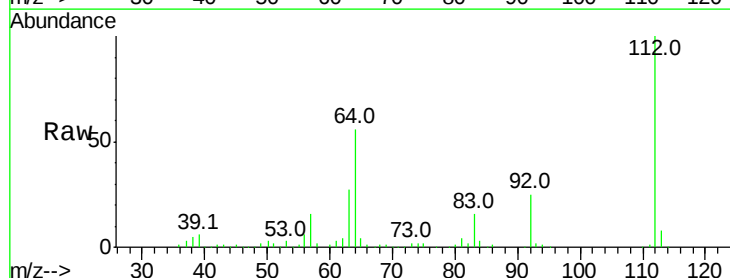
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



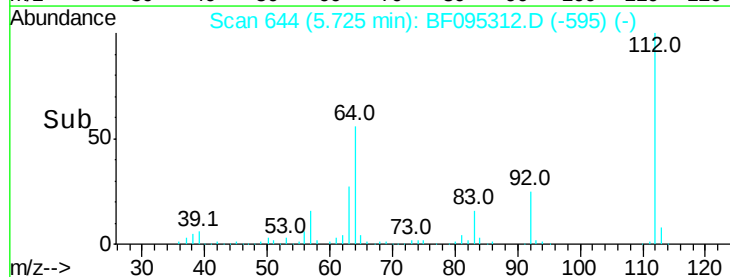
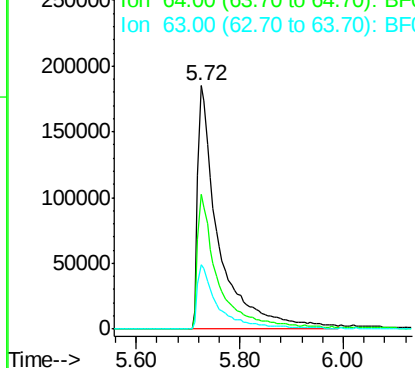
#5

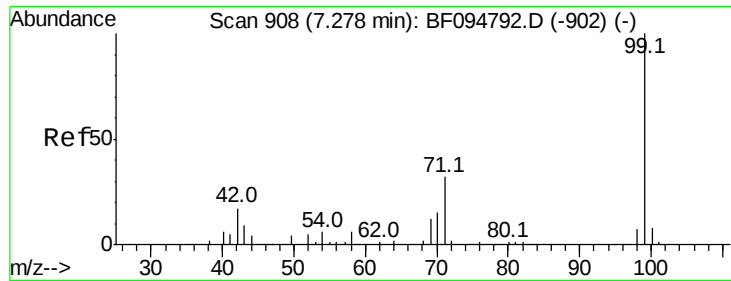
2-Fluorophenol
Concen: 113.30 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095312.D
Acq: 22 May 2017 14:10

Tgt Ion:112 Resp: 521272
Ion Ratio Lower Upper
112 100
64 55.6 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: 114.67 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :

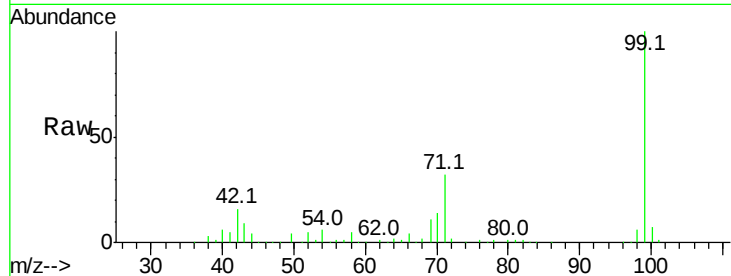
Tot Ion: 99 Resp: 633027

Ion Ratio Lower Upper

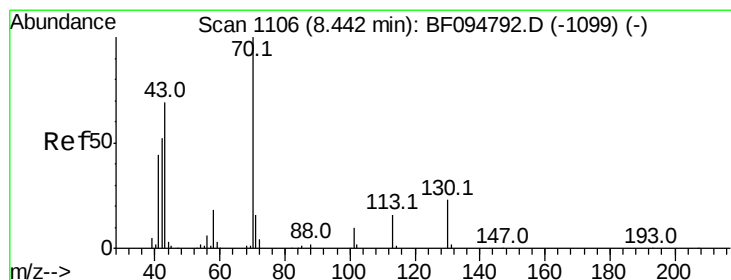
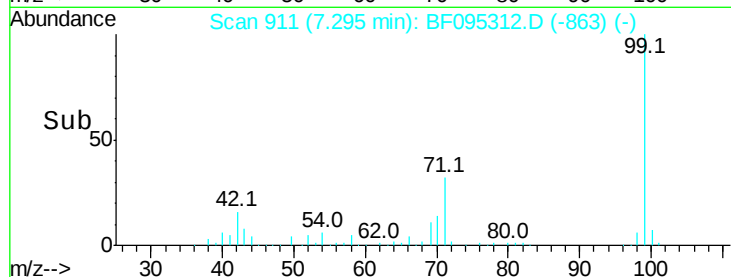
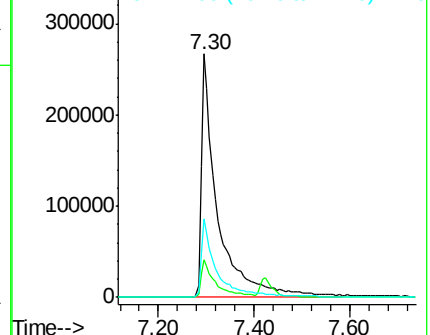
99 100

42 15.6 13.5 20.3

71 32.1 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: 10.61 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Tgt Ion: 70 Resp: 39627

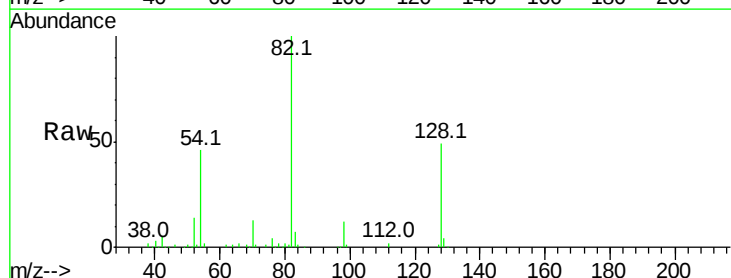
Ion Ratio Lower Upper

70 100

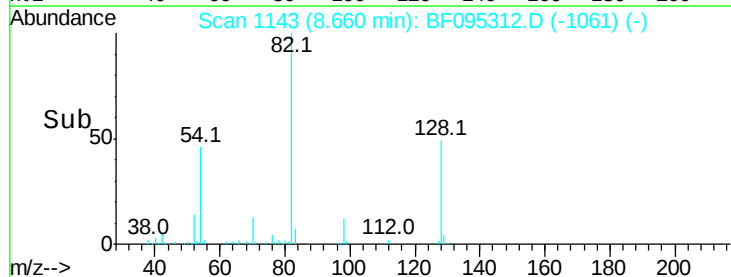
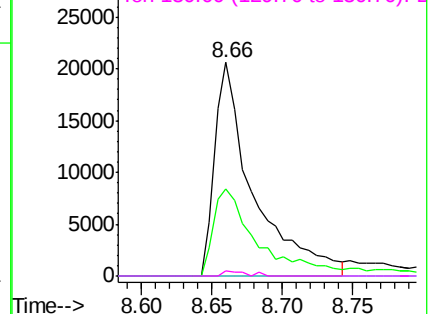
42 41.0 47.2 70.8#

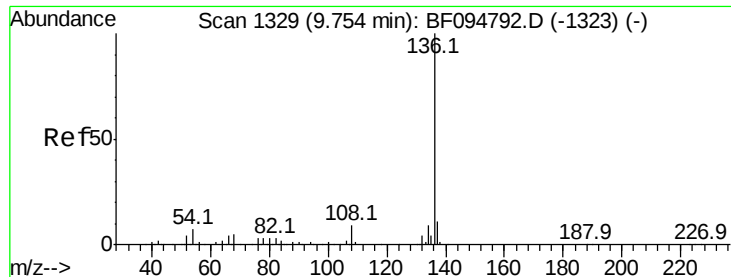
101 0.0 7.2 10.8#

130 2.5 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# 1334

Delta R.T. 0.00 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 309673

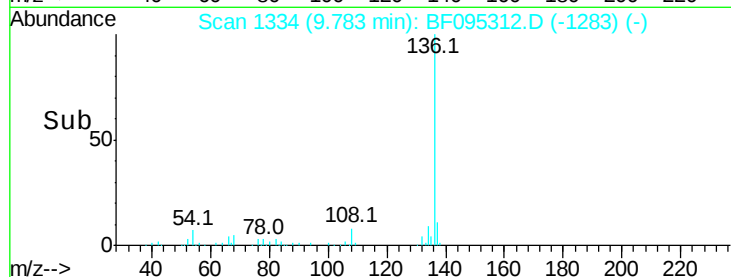
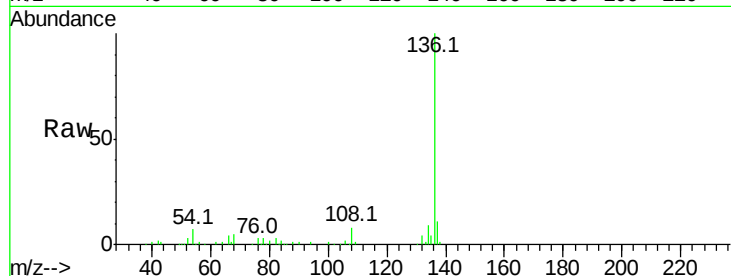
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

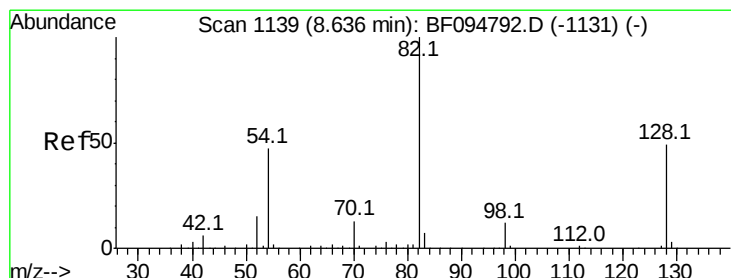
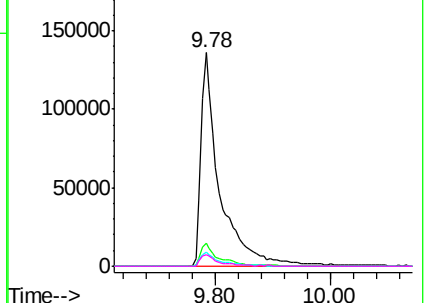


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.80 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

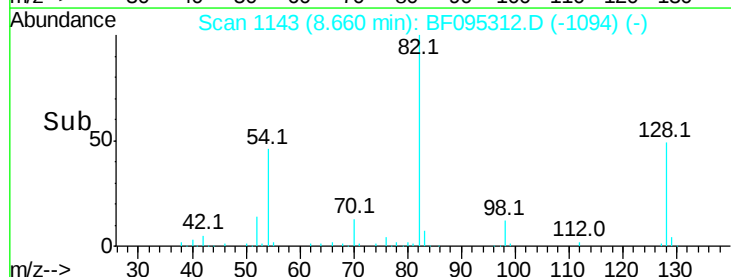
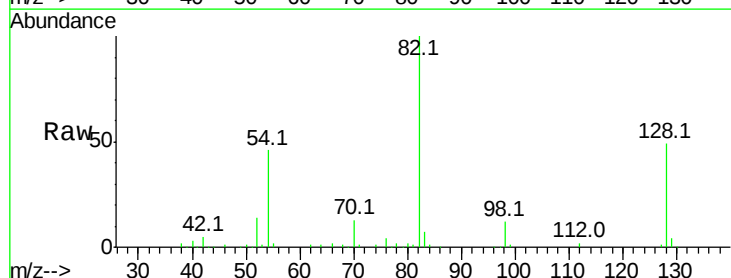
Tgt Ion: 82 Resp: 352624

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

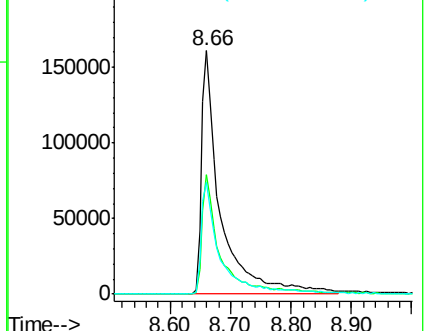
54 45.8 42.2 63.2



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: BF095312.D

Acq: 22 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

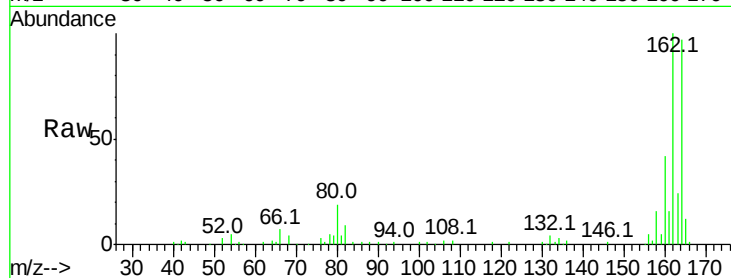
Tot Ion:164 Resp: 154149

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

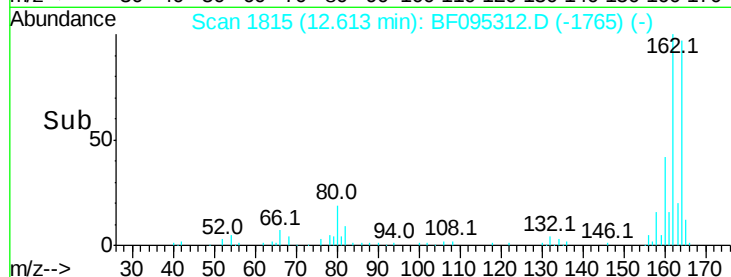
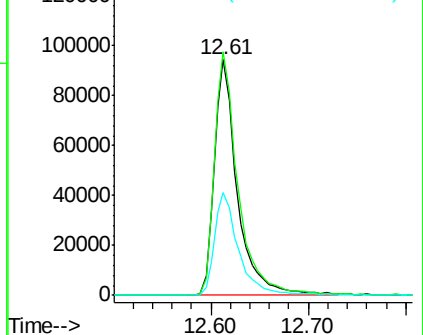
160 43.4 36.2 54.2



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: 110.01 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

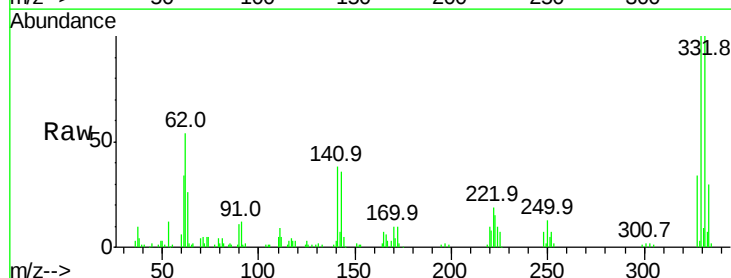
Tgt Ion:330 Resp: 138883

Ion Ratio Lower Upper

330 100

332 99.5 76.6 115.0

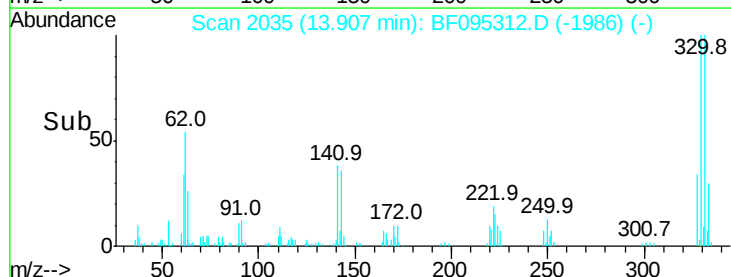
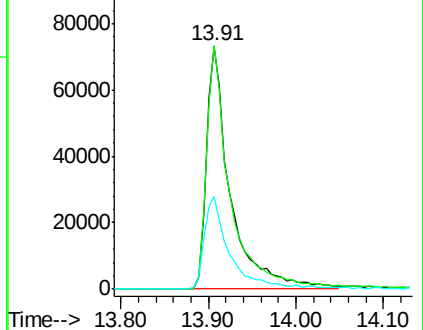
141 39.0 31.4 47.2



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

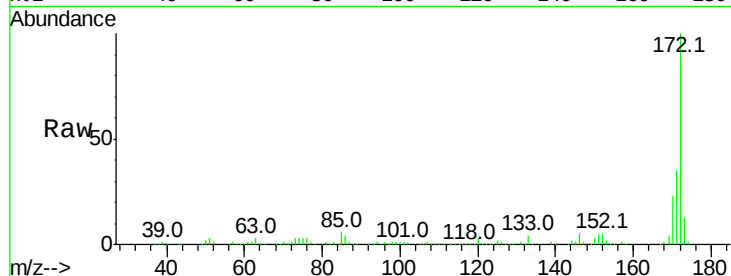




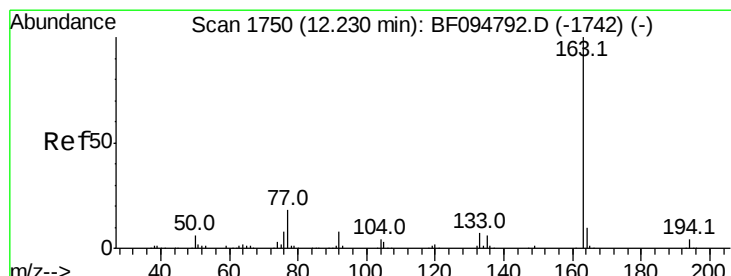
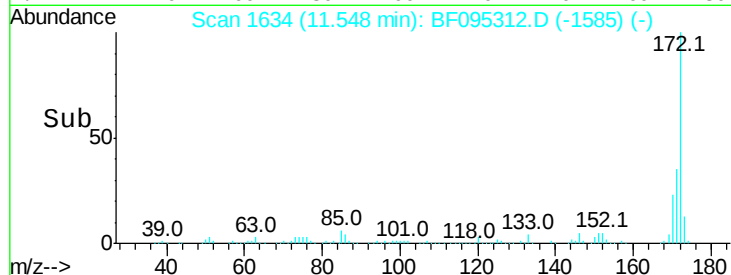
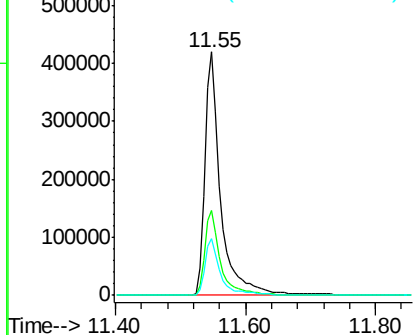
#44
 2-Fluorobiphenyl
 Concen: 65.68 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095312.D
 Acq: 22 May 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 703419
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 23.1 19.8 29.8

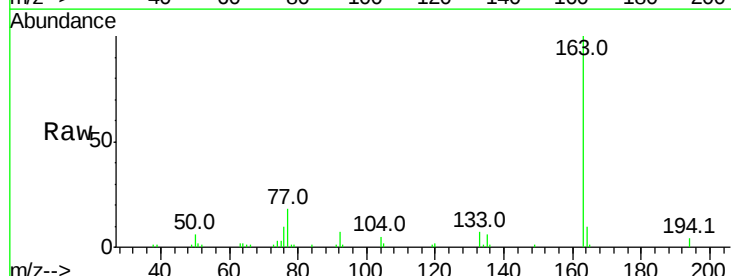


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

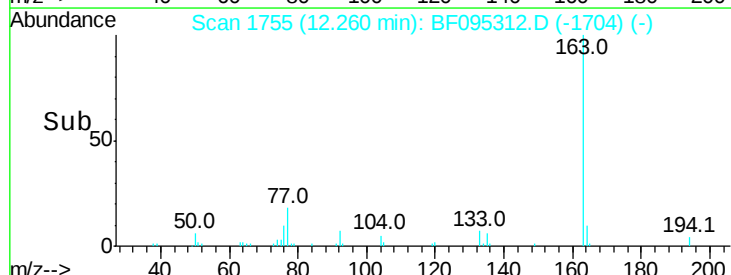
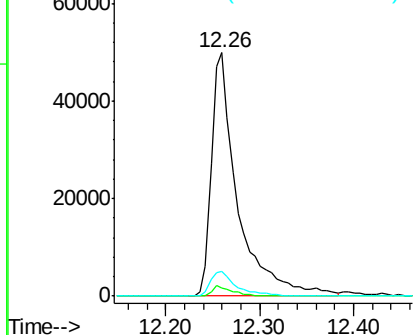


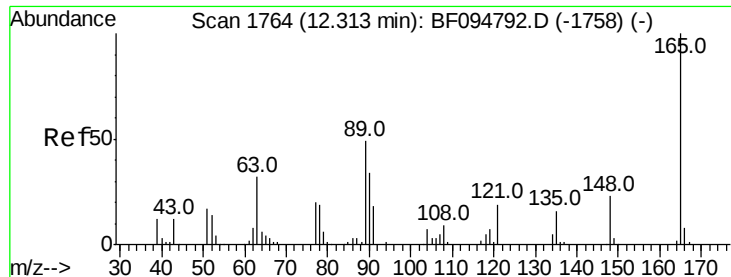
#49
 Dimethylphthalate
 Concen: 7.74 ng
 RT: 12.26 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF095312.D
 Acq: 22 May 2017 14:10

Tgt Ion:163 Resp: 97921
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.2 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

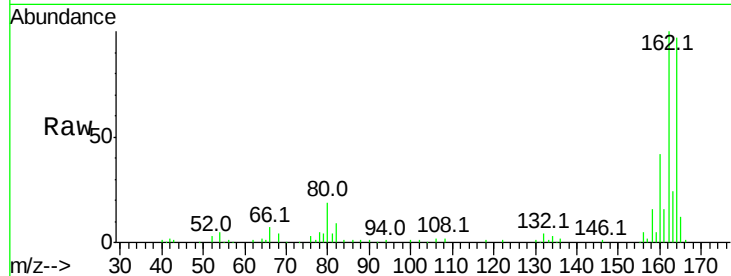




#50
 2,6-Dinitrotoluene
 Concen: 6.50 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095312.D
 Acq: 22 May 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :

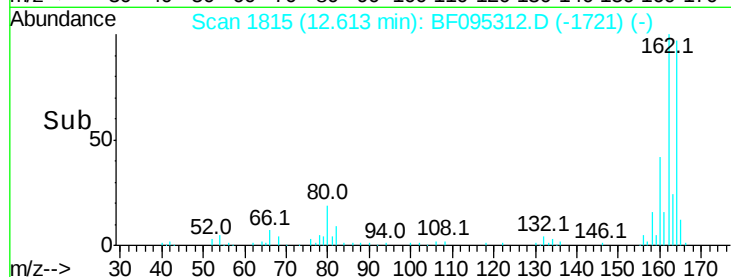
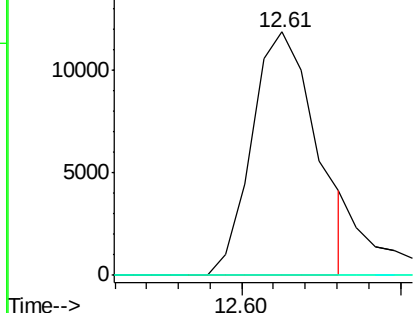
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

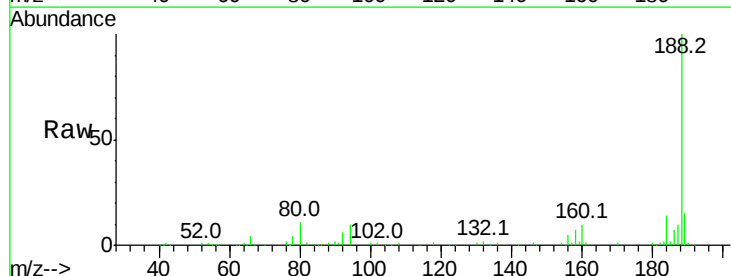
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095312.D
 Acq: 22 May 2017 14:10

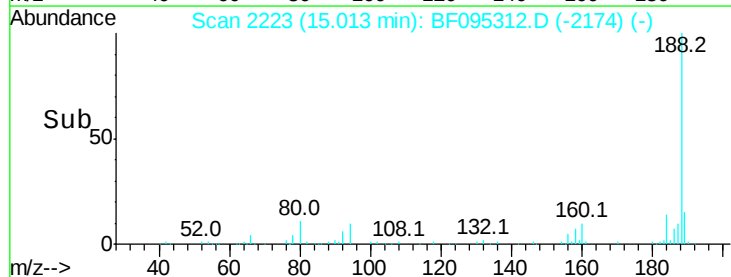
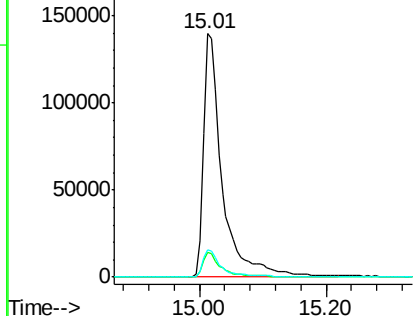
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.4	10.2	15.2



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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

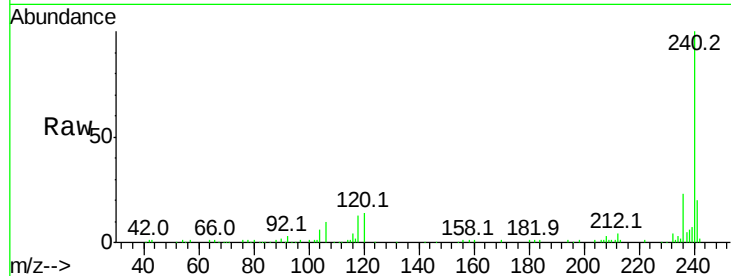
Tot Ion:240 Resp: 231619

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

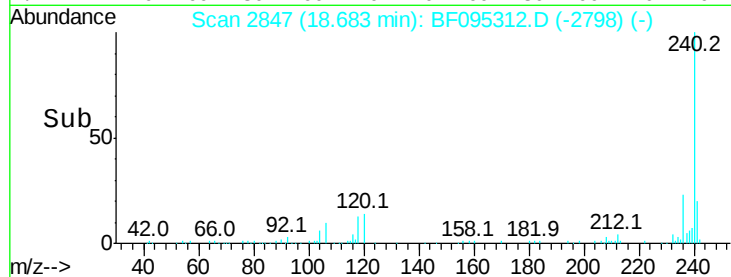
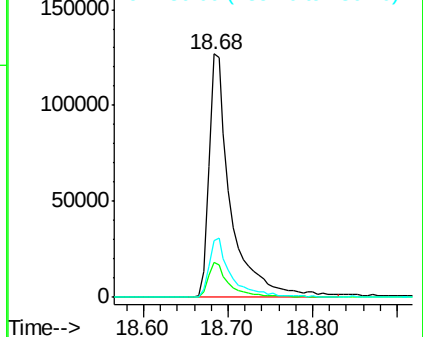
236 23.3 20.5 30.7



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: 55.27 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095312.D

Acq: 22 May 2017 14:10

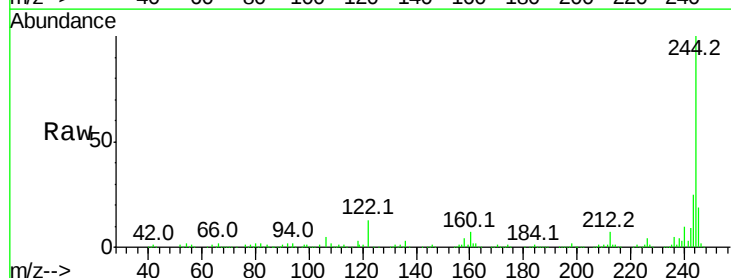
Tgt Ion:244 Resp: 581185

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

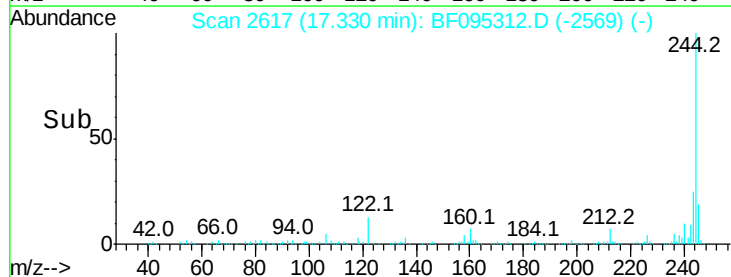
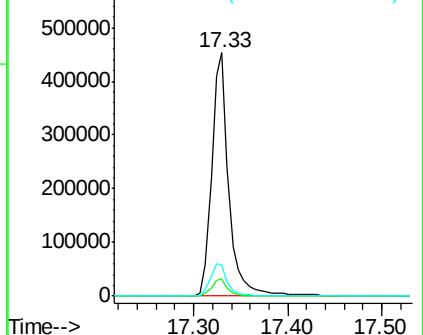
122 12.9 10.3 15.5

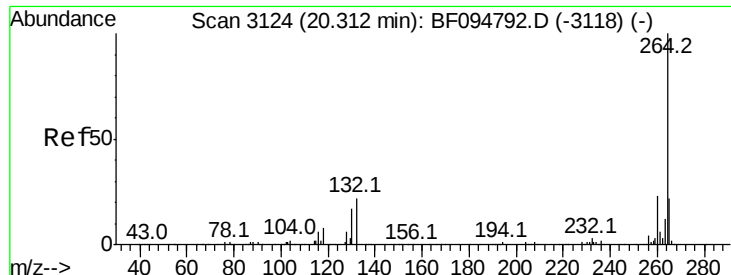


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

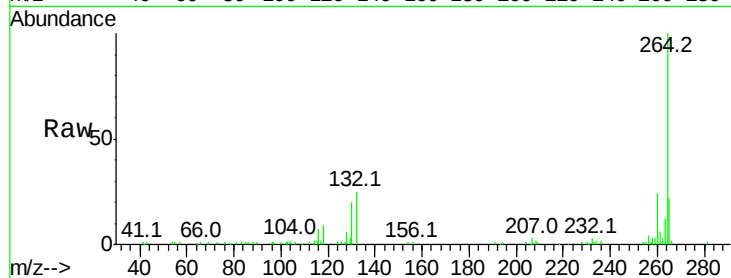




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095312.D
 Acq: 22 May 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.7	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

