

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095091.D
 Acq On : 11 May 2017 21:13
 Operator : SJ/MA
 Sample : I3062-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 02:57:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

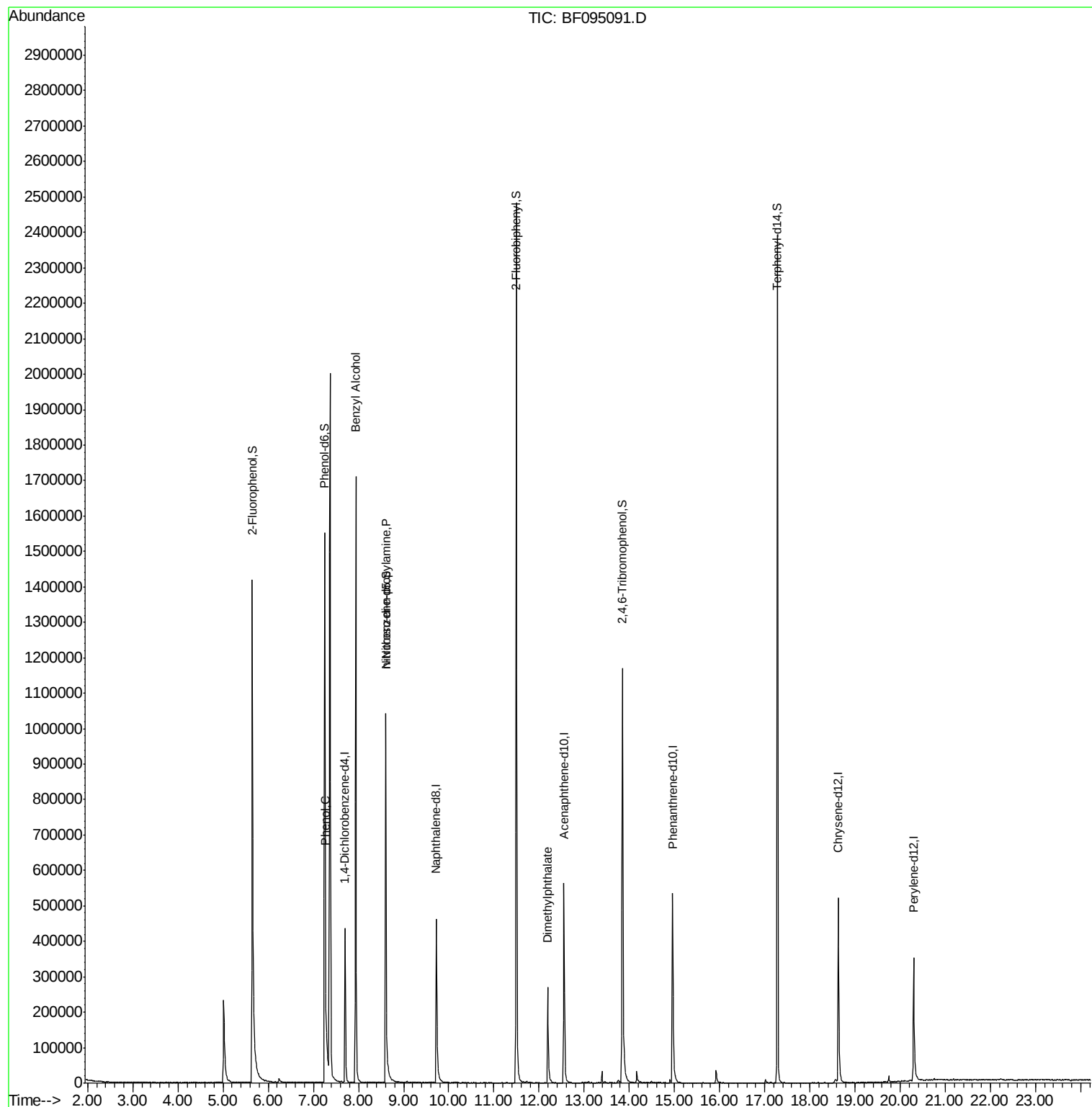
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	95948	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	401746	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	173638	20.00	ng	-0.03
63) Phenanthrene-d10	14.96	188	367747	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	301547	20.00	ng	-0.02
86) Perylene-d12	20.30	264	224045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	791596	137.55	ng	-0.03
7) Phenol-d6	7.25	99	978712	141.74	ng	-0.03
23) Nitrobenzene-d5	8.61	82	529012	83.03	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	225096	158.29	ng	-0.04
44) 2-Fluorobiphenyl	11.50	172	1180186	97.83	ng	-0.03
78) Terphenyl-d14	17.28	244	1015744	74.19	ng	-0.03
Target Compounds						
10) Phenol	7.27	94	23924	3.29	ng	# 63
15) Benzyl Alcohol	7.94	79	8965	2.02	ng	# 44
19) n-Nitroso-di-n-propylamine	8.61	70	65897	14.11	ng	# 73
49) Dimethylphthalate	12.19	163	216409	15.18	ng	99

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

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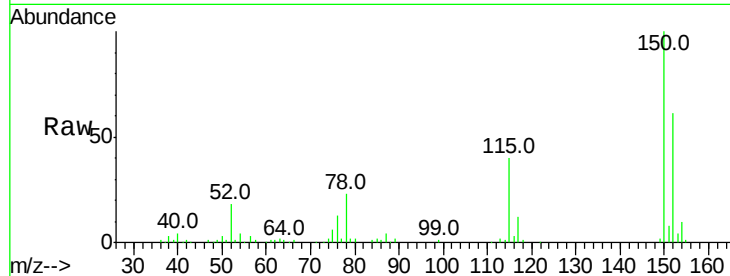


#1

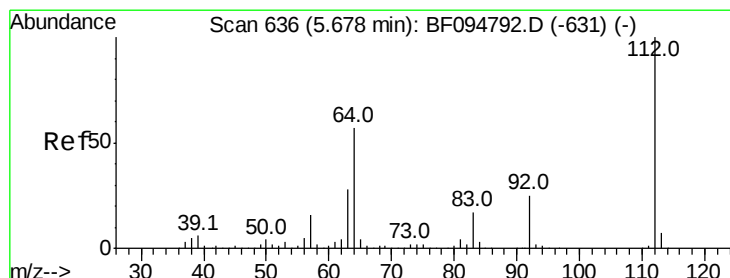
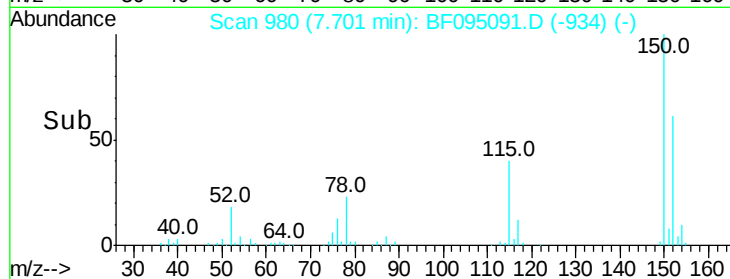
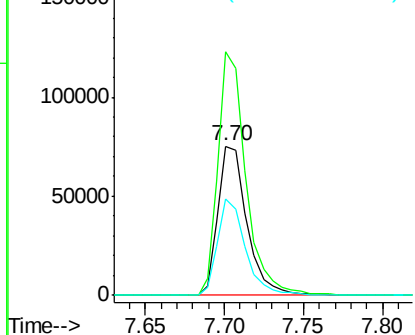
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095091.D
Acq: 11 May 2017 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95948
Ion Ratio Lower Upper
152 100
150 163.3 126.2 189.2
115 64.8 52.2 78.2



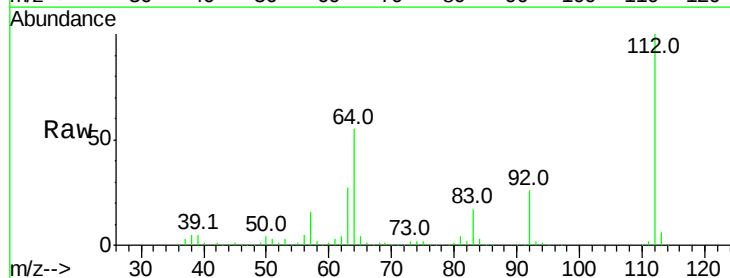
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



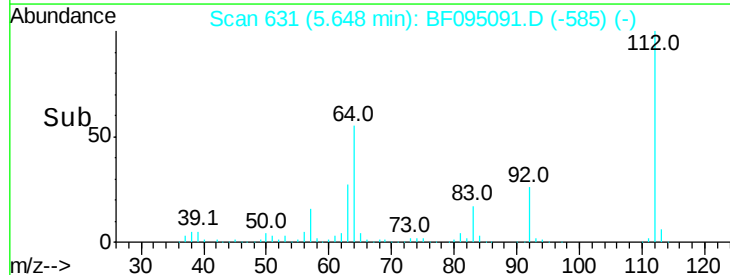
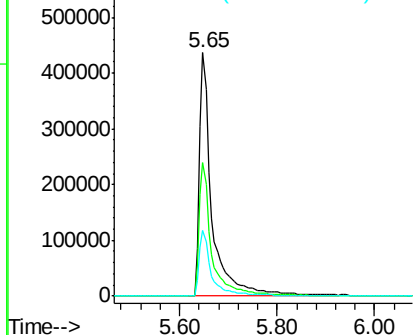
#5

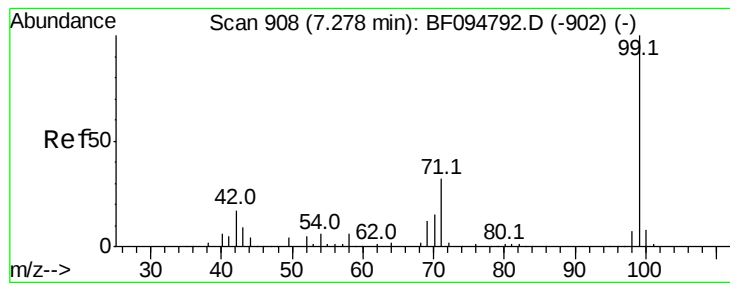
2-Fluorophenol
Concen: 137.55 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095091.D
Acq: 11 May 2017 21:13

Tgt Ion:112 Resp: 791596
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 27.2 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: 141.74 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095091.D

Acq: 11 May 2017 21:13

Instrument :

BNA_F

ClientSampleId :

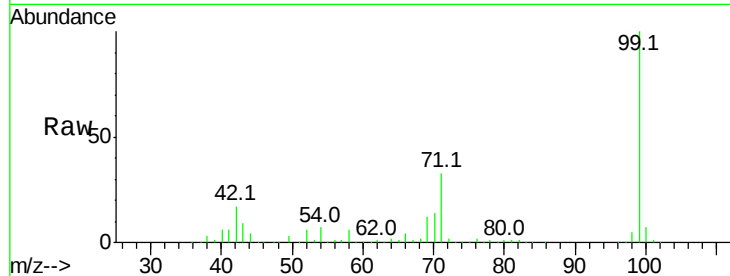
Tot Ion: 99 Resp: 978712

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

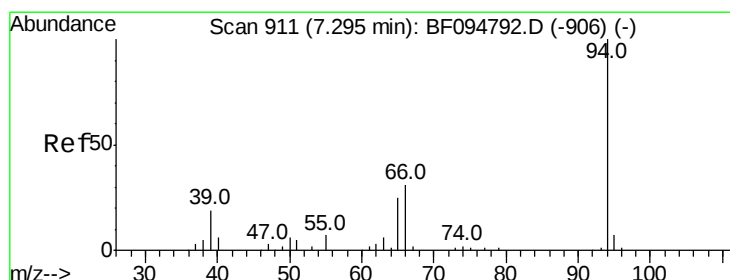
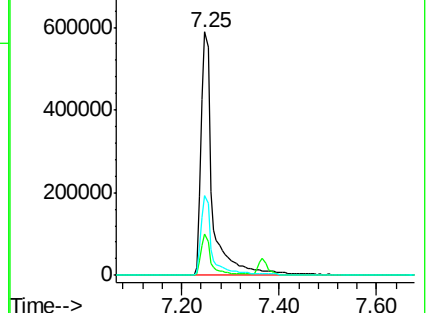
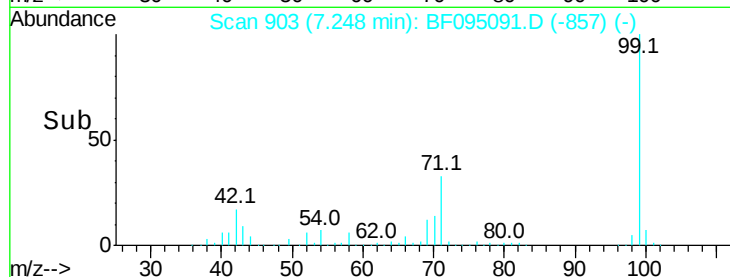
71 33.0 24.5 36.7



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: 3.29 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF095091.D

Acq: 11 May 2017 21:13

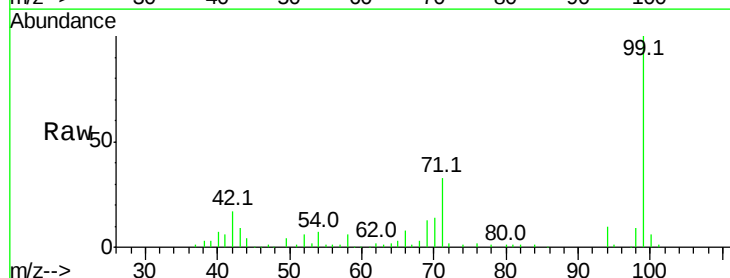
Tgt Ion: 94 Resp: 23924

Ion Ratio Lower Upper

94 100

65 33.9 9.9 49.9

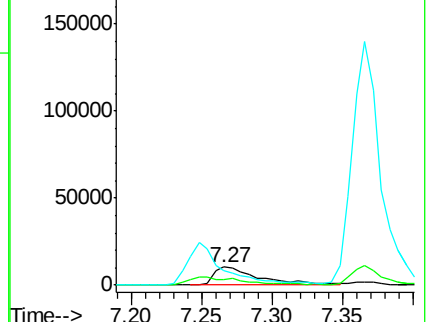
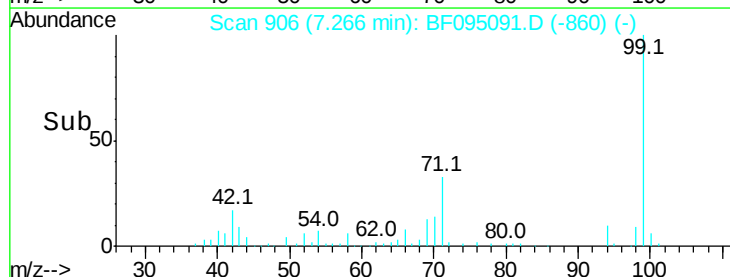
66 79.7 23.1 63.1#

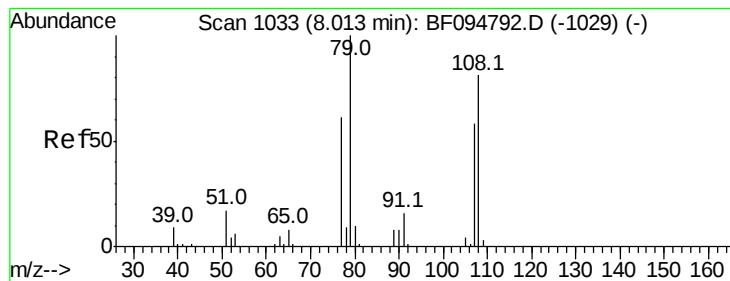


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.94 min Scan# 1021

Delta R.T. -0.07 min

Lab File: BF095091.D

Acq: 11 May 2017 21:13

Instrument :

BNA_F

ClientSampleId :

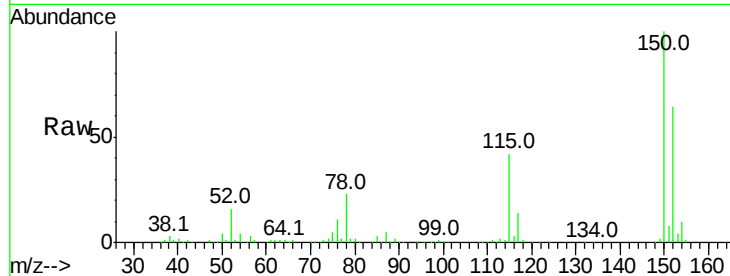
Tot Ion: 79 Resp: 8965

Ion Ratio Lower Upper

79 100

108 27.3 63.4 95.0#

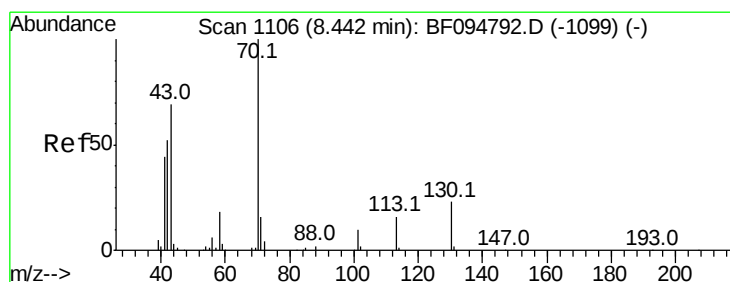
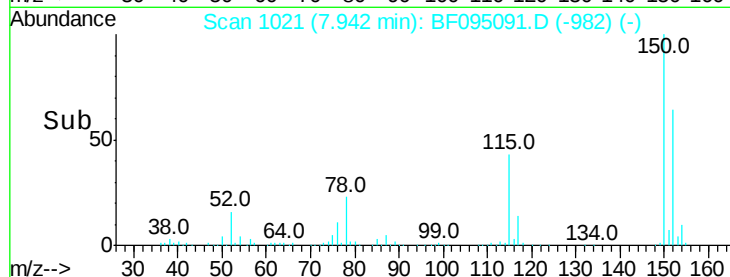
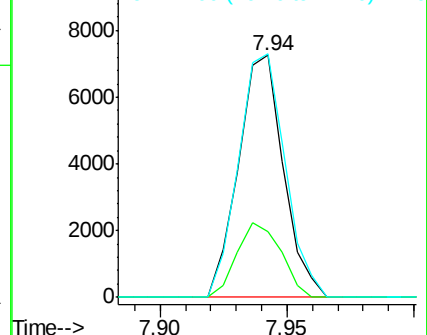
77 100.6 49.2 73.8#



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: 14.11 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095091.D

Acq: 11 May 2017 21:13

Tgt Ion: 70 Resp: 65897

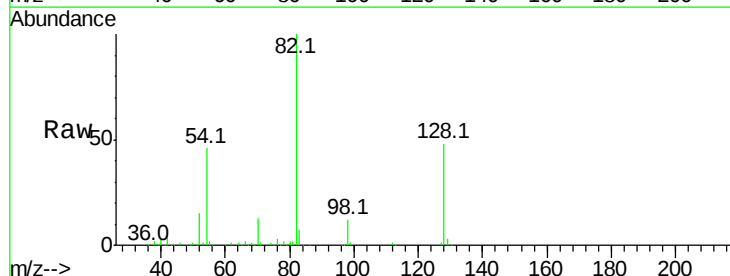
Ion Ratio Lower Upper

70 100

42 41.7 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

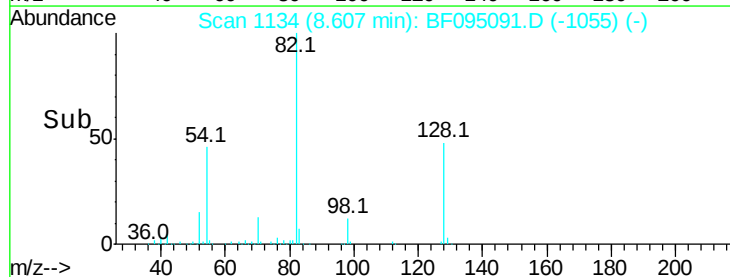
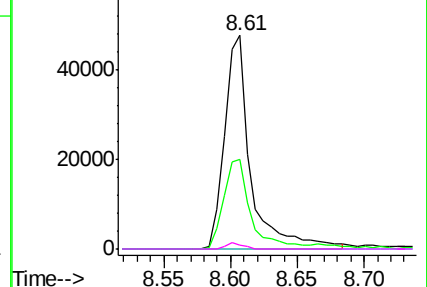


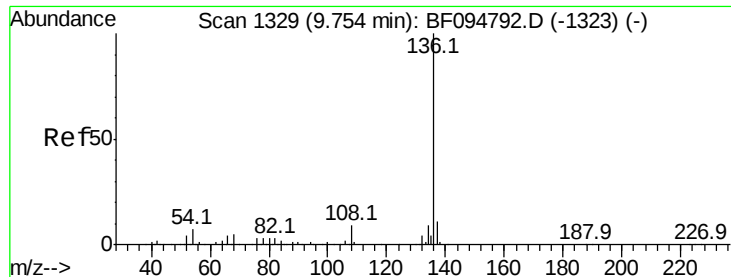
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF095091.D

Acq: 11 May 2017 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 401746

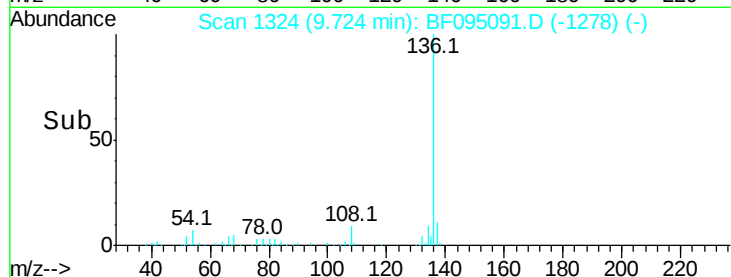
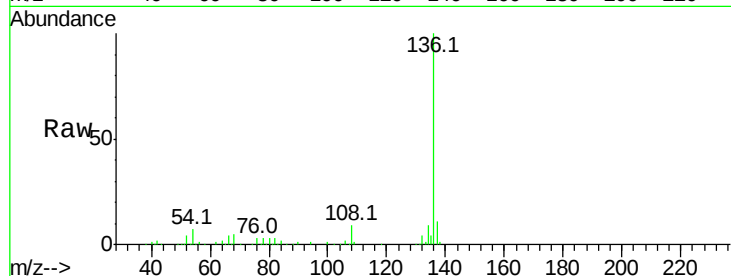
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.0 4.1 6.1

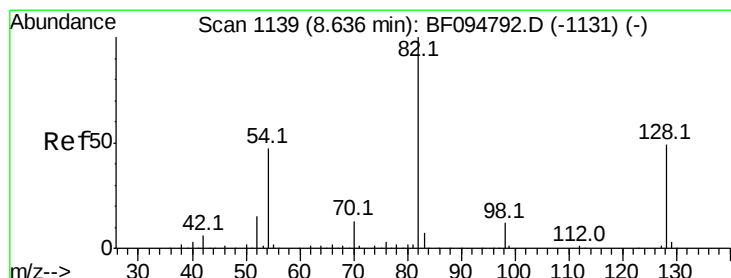
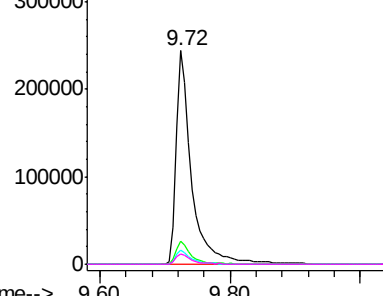


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.03 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF095091.D

Acq: 11 May 2017 21:13

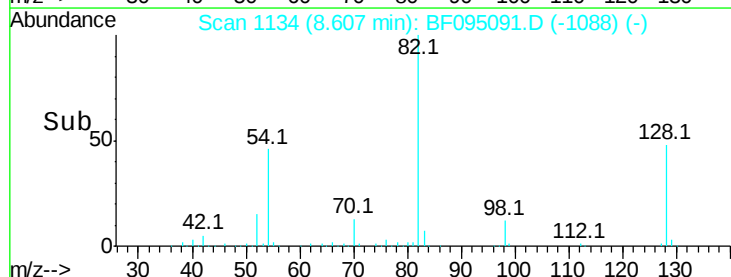
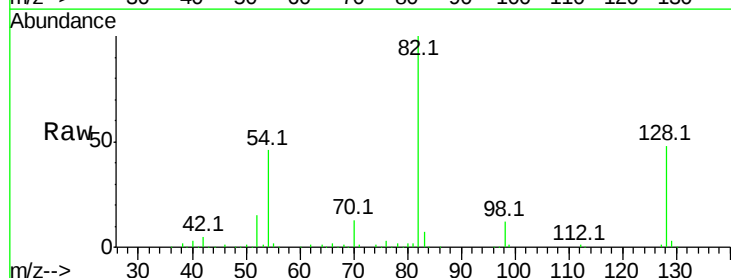
Tgt Ion: 82 Resp: 529012

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

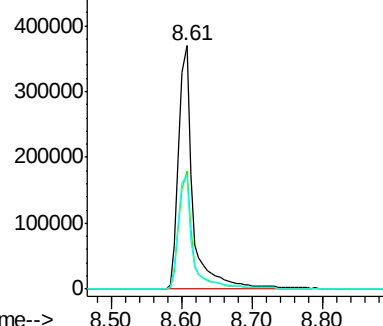
54 46.3 42.2 63.2

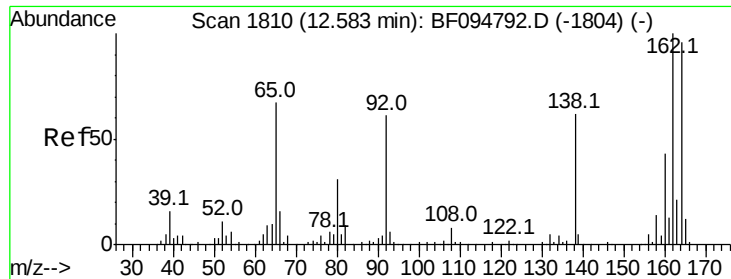


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095091.D

Acq: 11 May 2017 21:13

Instrument :

BNA_F

ClientSampleId :

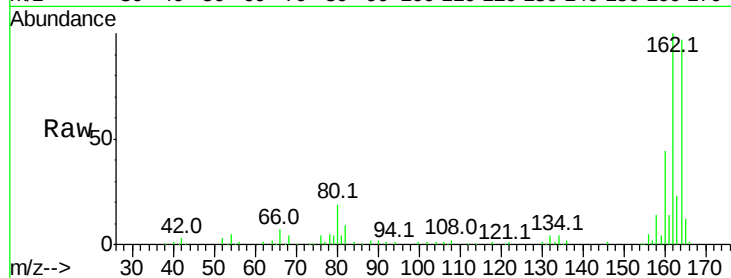
Tot Ion:164 Resp: 173638

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

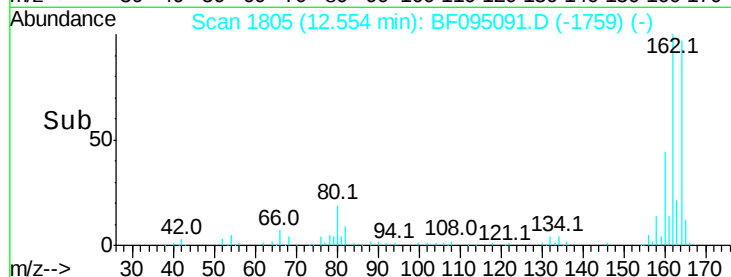
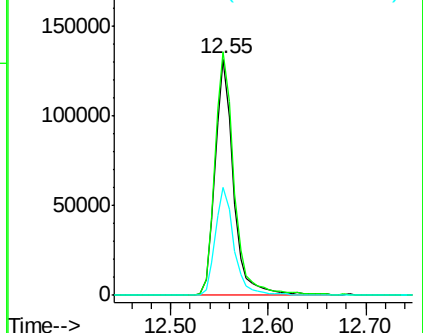
160 45.7 36.2 54.2



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: 158.29 ng

RT: 13.85 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF095091.D

Acq: 11 May 2017 21:13

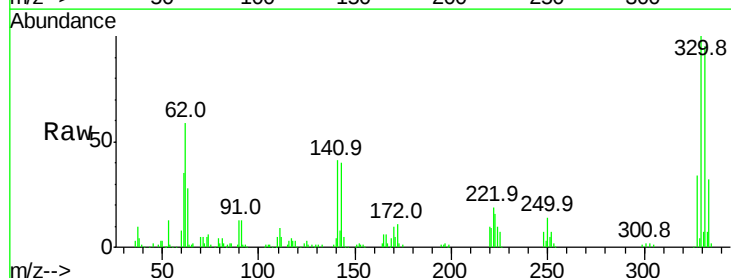
Tgt Ion:330 Resp: 225096

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

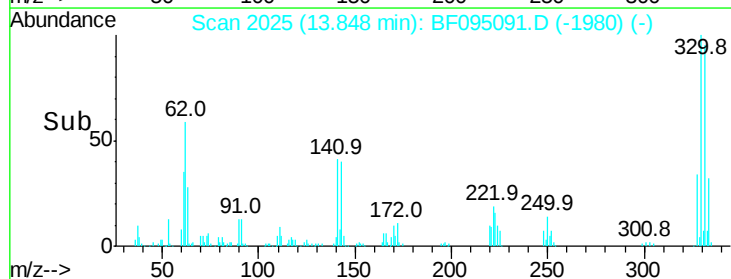
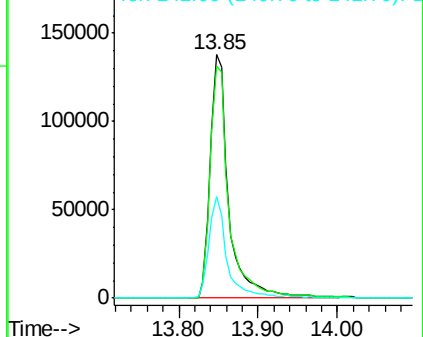
141 40.5 31.4 47.2



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

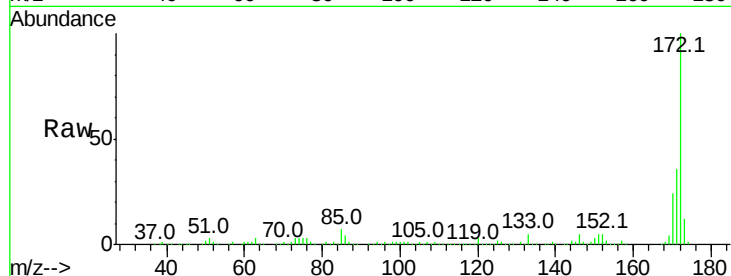




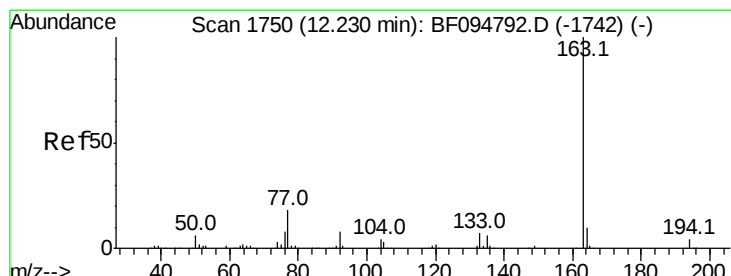
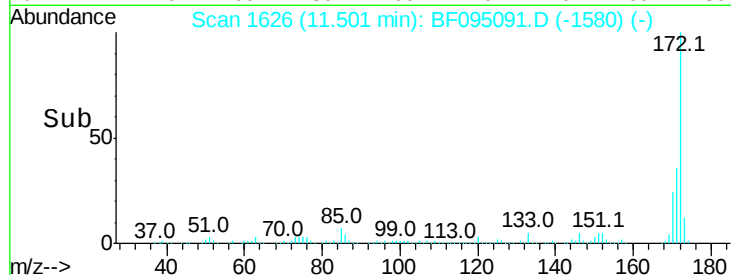
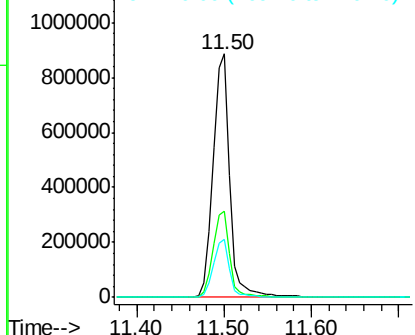
#44
2-Fluorobiphenyl
Concen: 97.83 ng
RT: 11.50 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BF095091.D
Acq: 11 May 2017 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1180186
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.6 19.8 29.8

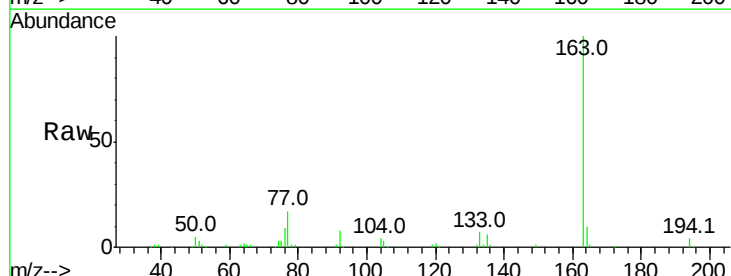


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

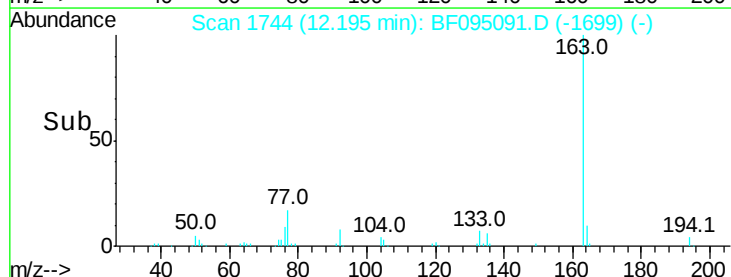
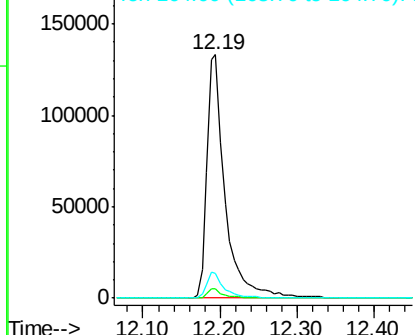


#49
Dimethylphthalate
Concen: 15.18 ng
RT: 12.19 min Scan# 1744
Delta R.T. -0.04 min
Lab File: BF095091.D
Acq: 11 May 2017 21:13

Tgt Ion:163 Resp: 216409
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 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

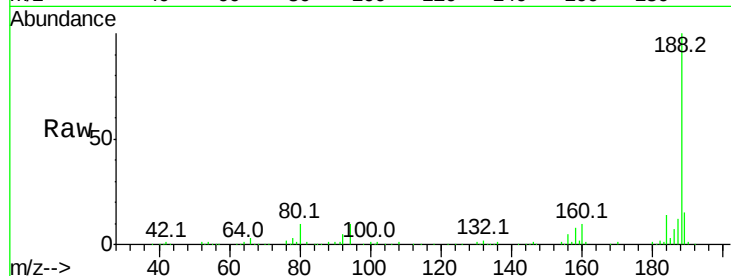




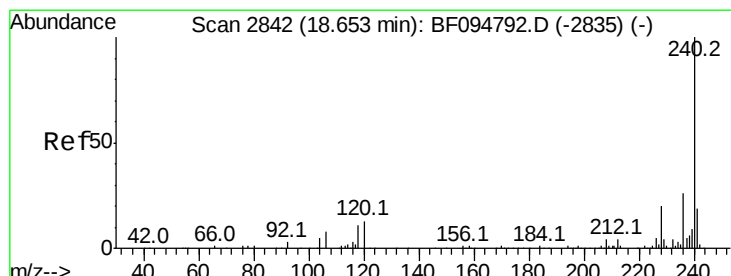
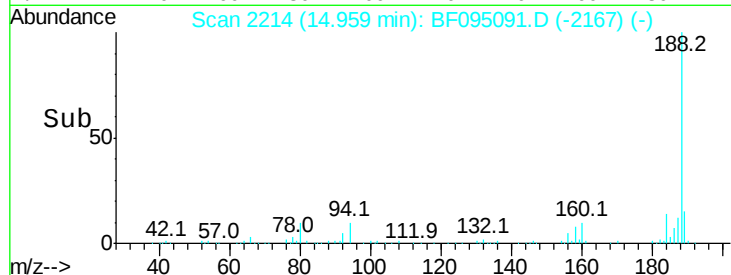
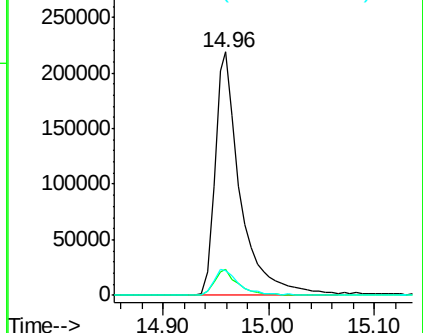
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095091.D
Acq: 11 May 2017 21:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 367747
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.4 10.2 15.2

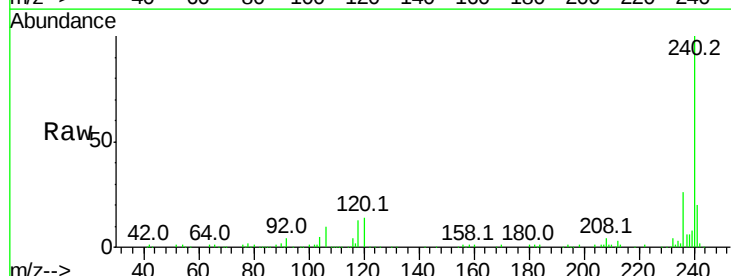


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

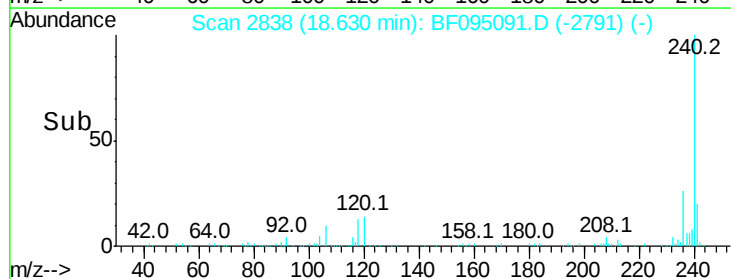
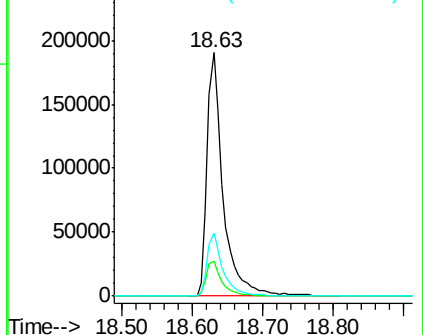


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095091.D
Acq: 11 May 2017 21:13

Tgt Ion:240 Resp: 301547
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.7 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

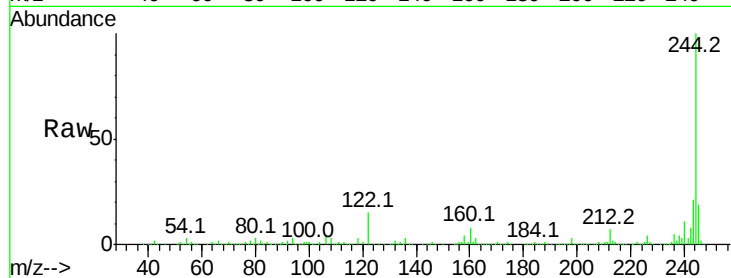




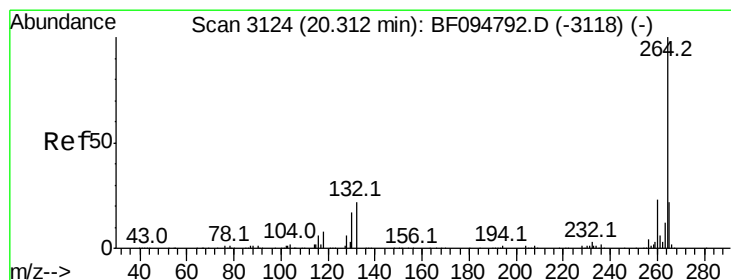
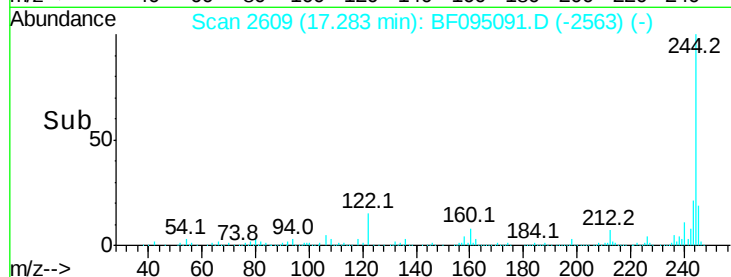
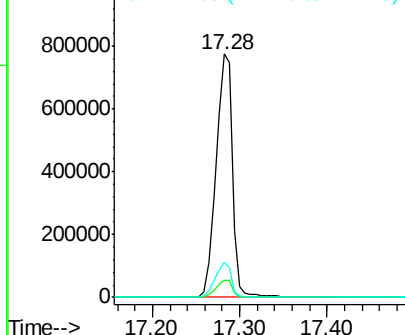
#78
 Terphenyl-d14
 Concen: 74.19 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095091.D
 Acq: 11 May 2017 21:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1015744
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.5 10.3 15.5

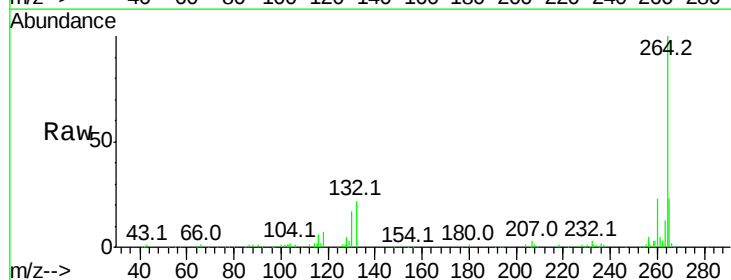


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095091.D
 Acq: 11 May 2017 21:13

Tgt Ion:264 Resp: 224045
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 22.8 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

