

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095275.D
 Acq On : 19 May 2017 21:39
 Operator : SJ/MA
 Sample : I3202-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:31:40 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

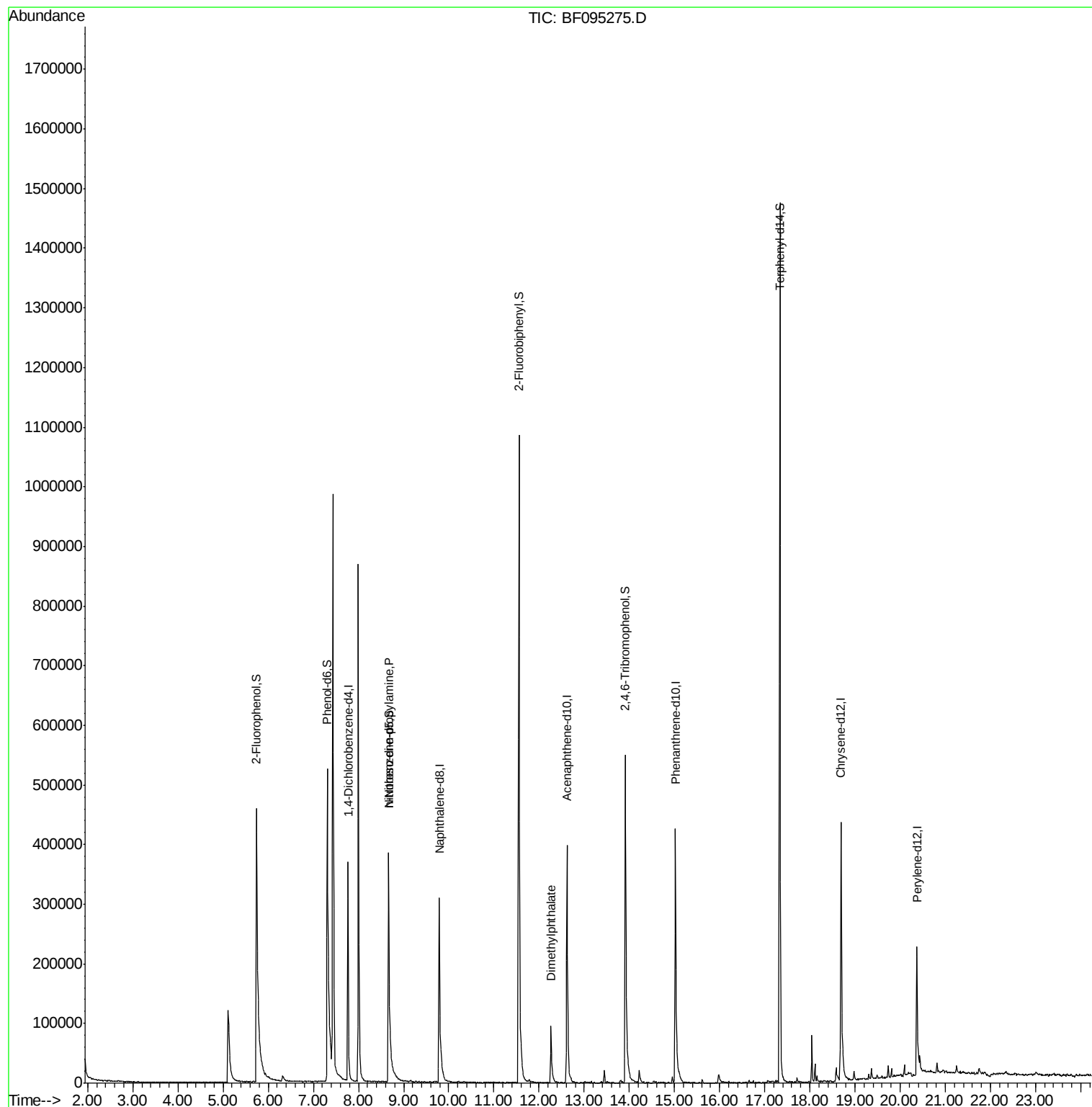
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	89265	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	347240	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	161728	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	339182	20.00	ng	0.00
75) Chrysene-d12	18.69	240	276324	20.00	ng	0.00
86) Perylene-d12	20.37	264	156470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	420960	78.62	ng	0.00
7) Phenol-d6	7.31	99	511424	79.61	ng	0.00
23) Nitrobenzene-d5	8.67	82	312209	56.70	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	127039	95.91	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	673785	59.97	ng	0.00
78) Terphenyl-d14	17.34	244	627439	50.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	34690	7.98	ng	Qvalue # 78
49) Dimethylphthalate	12.27	163	93708	7.06	ng	98

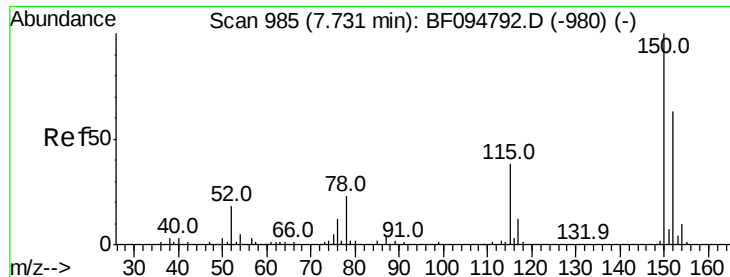
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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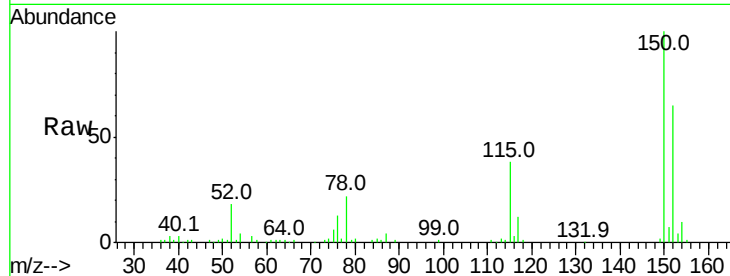


#1

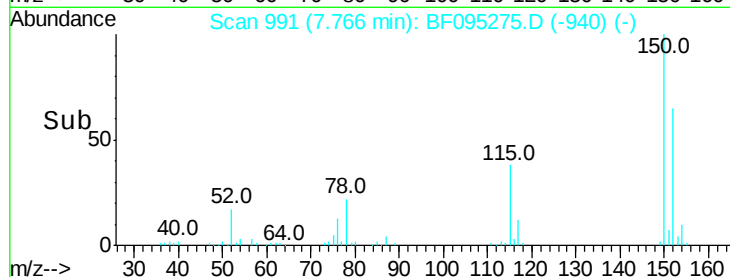
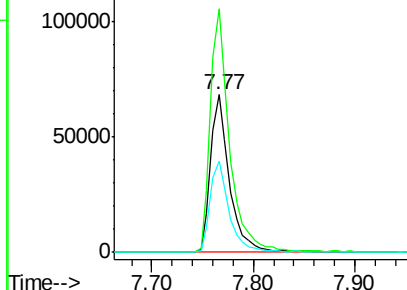
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF095275.D
Acq: 19 May 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89265
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 58.1 52.2 78.2



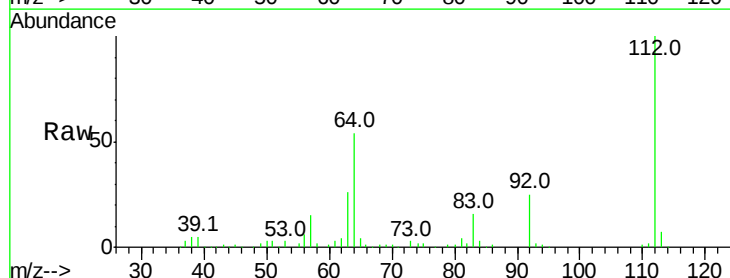
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



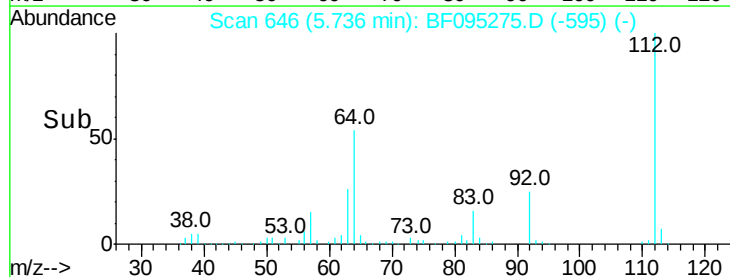
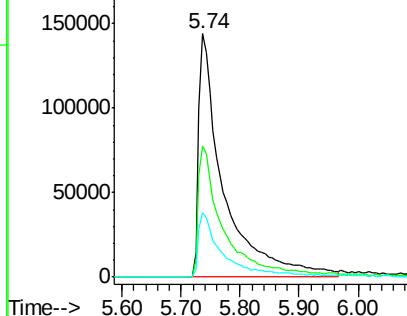
#5

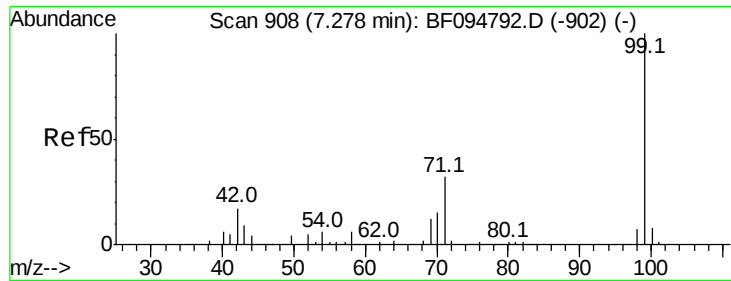
2-Fluorophenol
Concen: 78.62 ng
RT: 5.74 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF095275.D
Acq: 19 May 2017 21:39

Tgt Ion:112 Resp: 420960
Ion Ratio Lower Upper
112 100
64 53.6 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: 79.61 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095275.D

Acq: 19 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

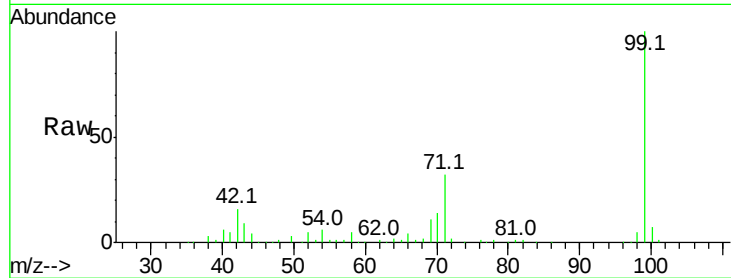
Tot Ion: 99 Resp: 511424

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

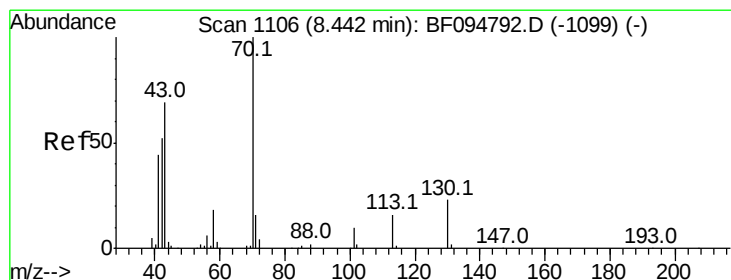
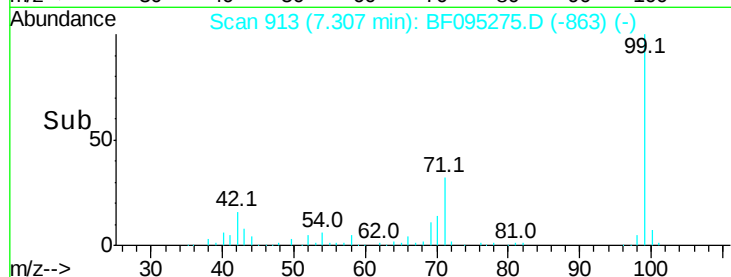
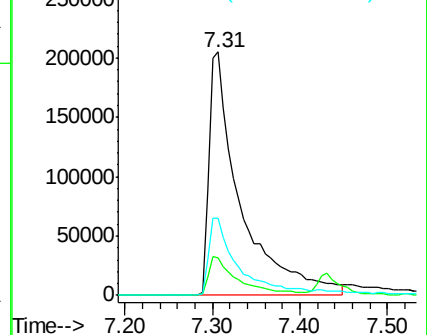
71 31.6 24.5 36.7



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: 7.98 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095275.D

Acq: 19 May 2017 21:39

Tgt Ion: 70 Resp: 34690

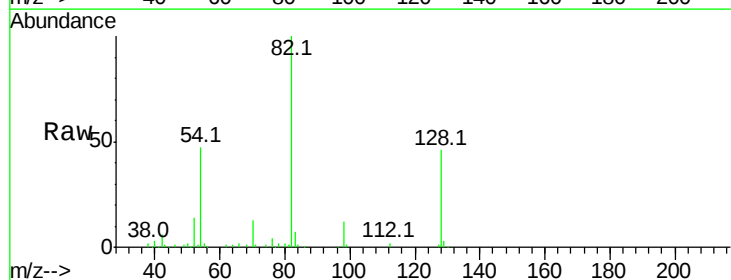
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

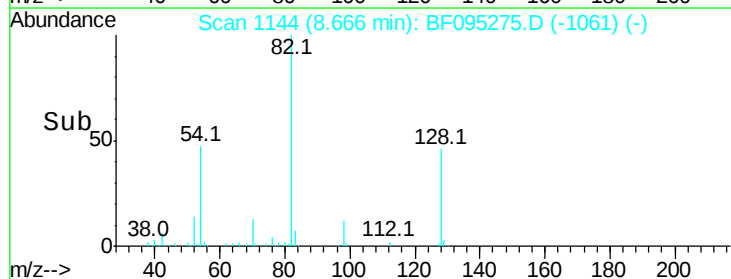
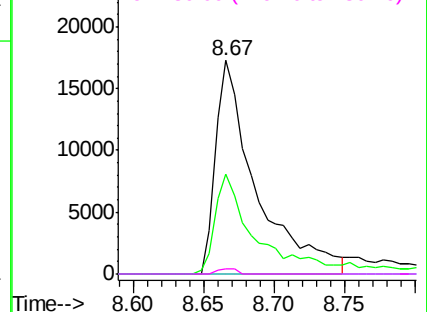


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095275.D

Acq: 19 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 347240

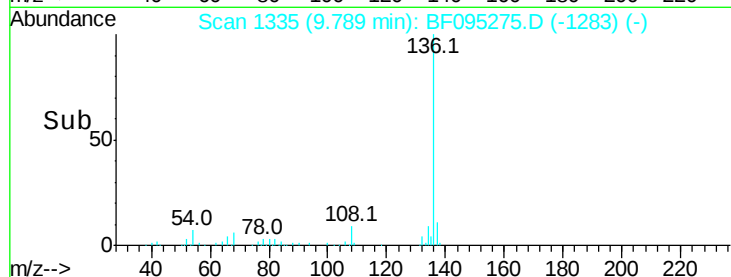
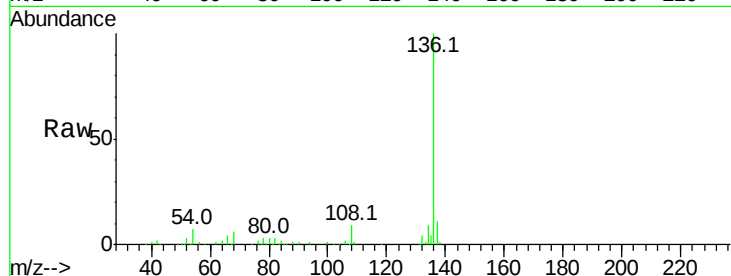
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 6.0 4.1 6.1

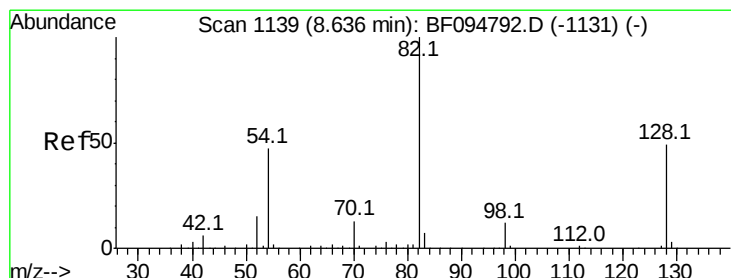
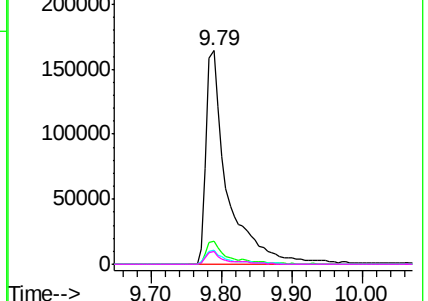


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.70 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095275.D

Acq: 19 May 2017 21:39

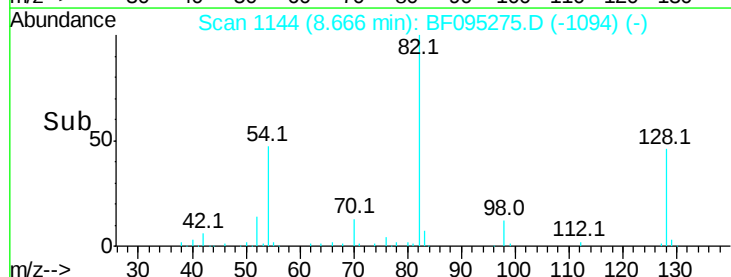
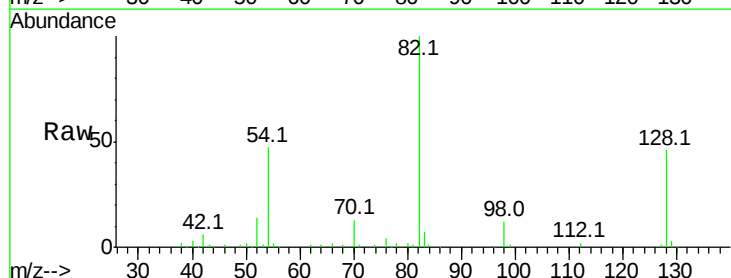
Tgt Ion: 82 Resp: 312209

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

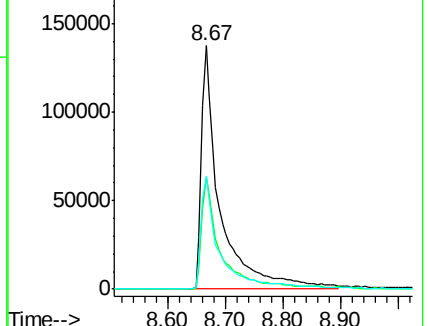
54 46.6 42.2 63.2



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: BF095275.D

Acq: 19 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

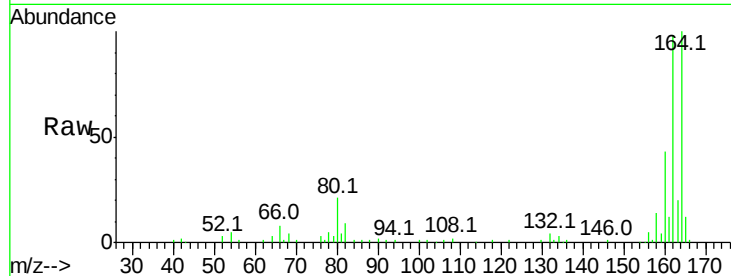
Tot Ion:164 Resp: 161728

Ion Ratio Lower Upper

164 100

162 97.8 82.6 123.8

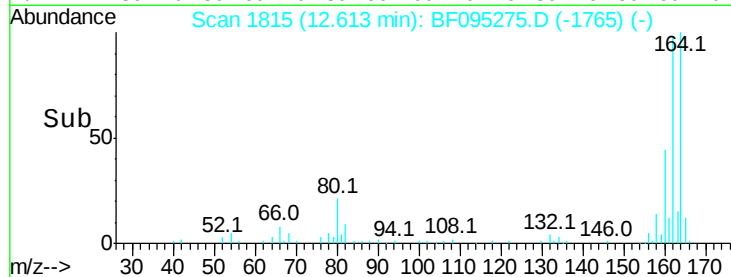
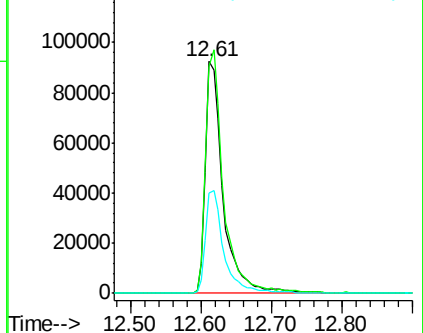
160 43.4 36.2 54.2



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: 95.91 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095275.D

Acq: 19 May 2017 21:39

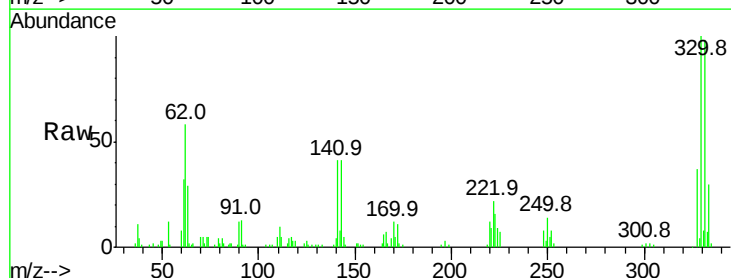
Tgt Ion:330 Resp: 127039

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

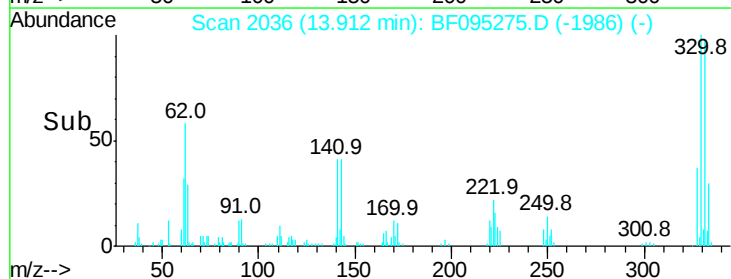
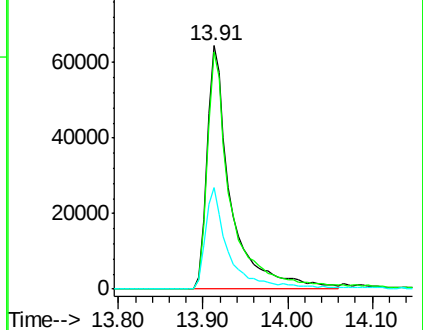
141 40.6 31.4 47.2



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

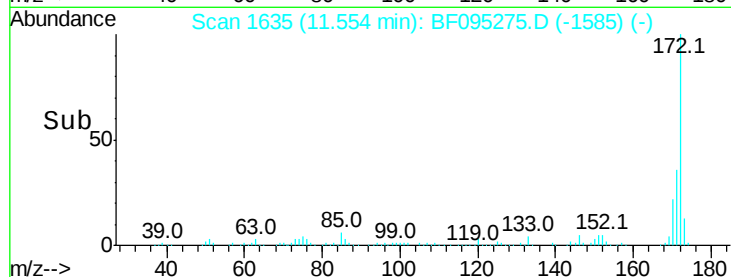
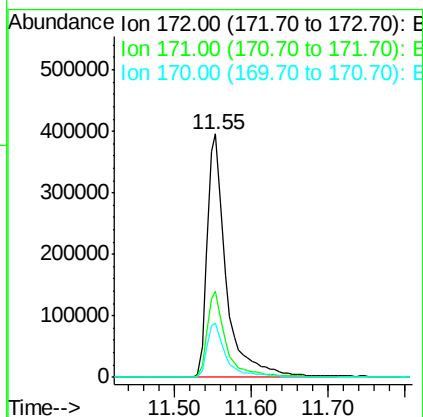
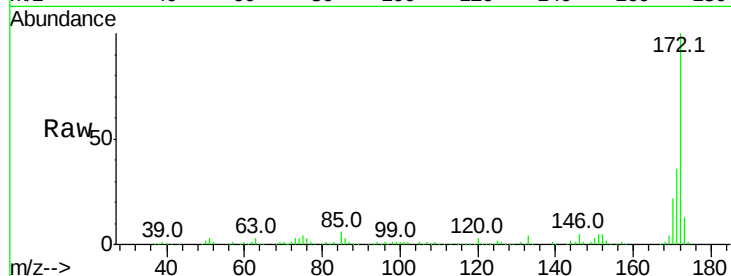




#44
 2-Fluorobiphenyl
 Concen: 59.97 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095275.D
 Acq: 19 May 2017 21:39

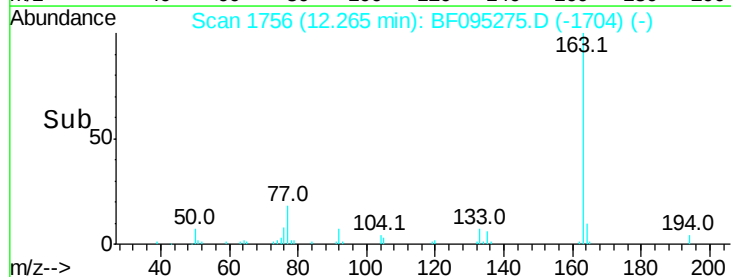
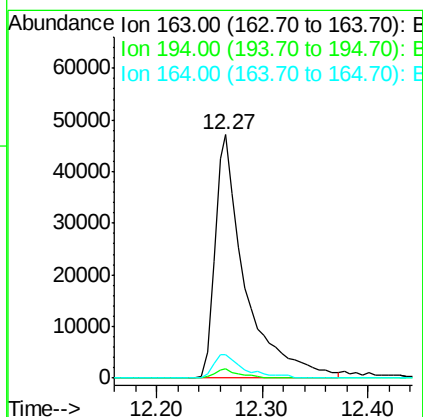
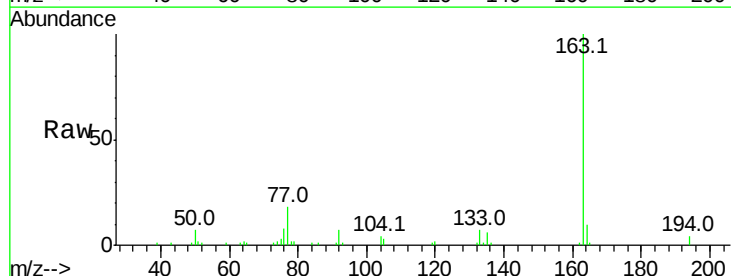
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 673785
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 22.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 7.06 ng
 RT: 12.27 min Scan# 1756
 Delta R.T. 0.01 min
 Lab File: BF095275.D
 Acq: 19 May 2017 21:39

Tgt Ion:163 Resp: 93708
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.6 4.0
 164 9.6 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF095275.D

Acq: 19 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

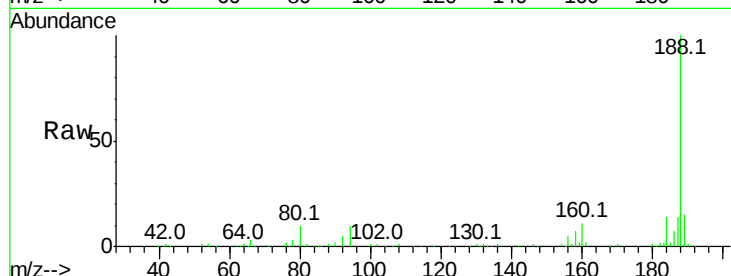
Tot Ion:188 Resp: 339182

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

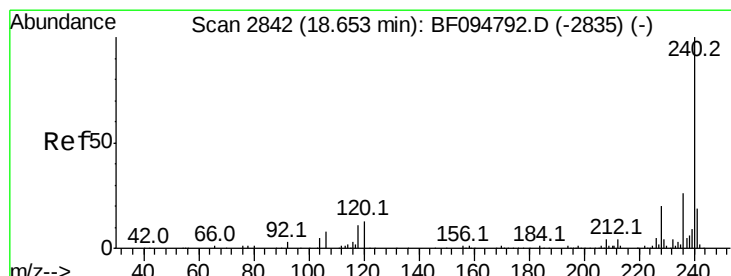
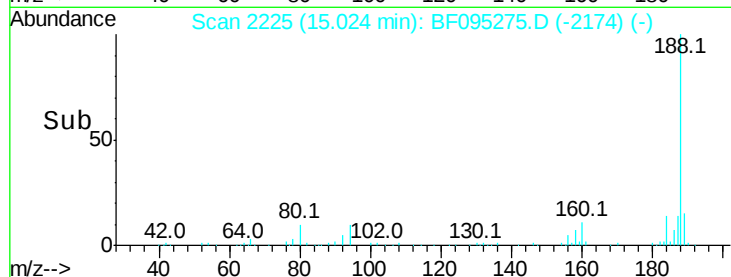
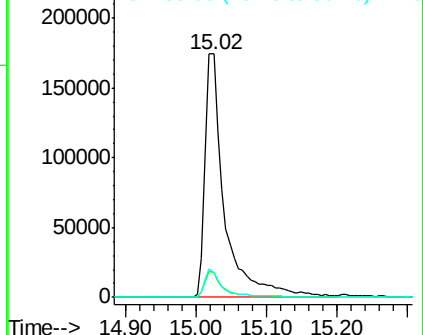
80 9.9 10.2 15.2#



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: BF095275.D

Acq: 19 May 2017 21:39

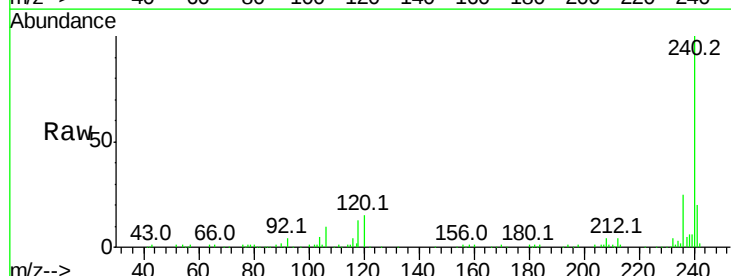
Tgt Ion:240 Resp: 276324

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

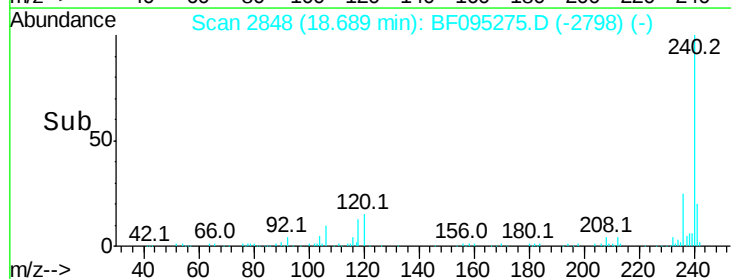
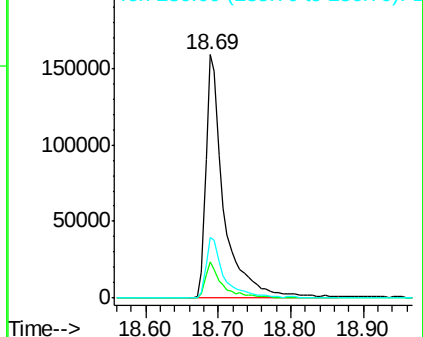
236 24.7 20.5 30.7

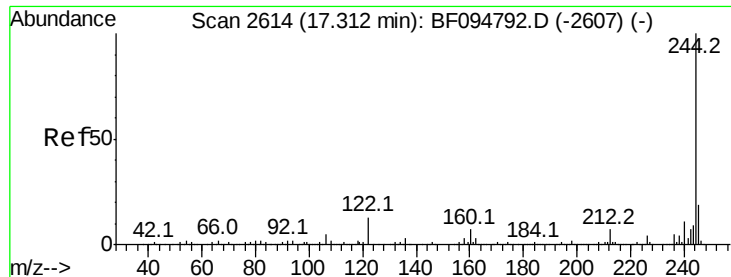


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.01 ng

RT: 17.34 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BF095275.D

Acq: 19 May 2017 21:39

Instrument :

BNA_F

ClientSampleId :

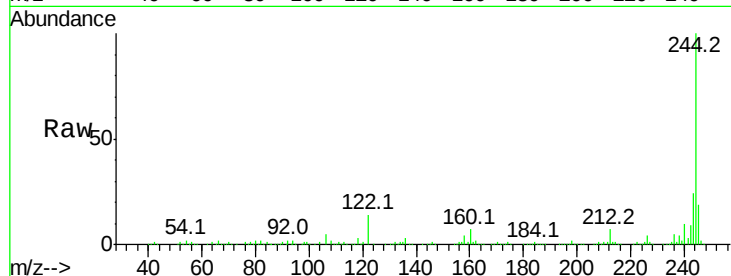
Tot Ion:244 Resp: 627439

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

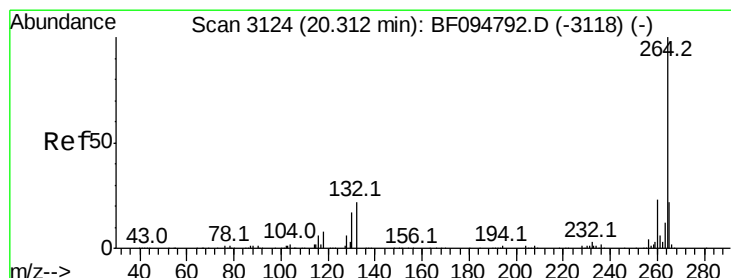
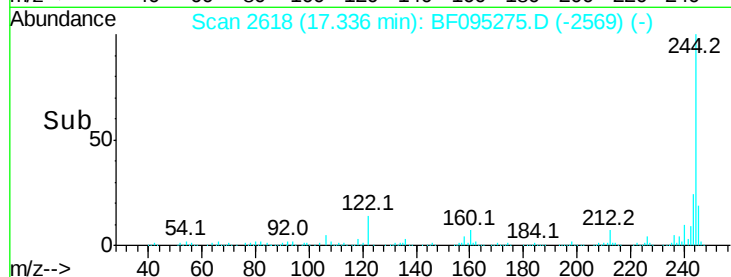
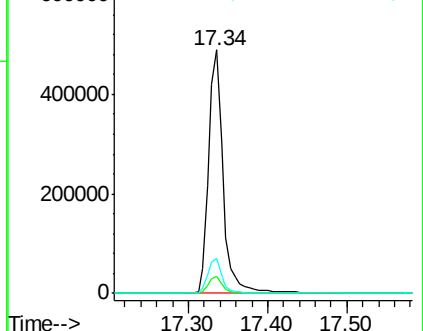
122 14.1 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095275.D

Acq: 19 May 2017 21:39

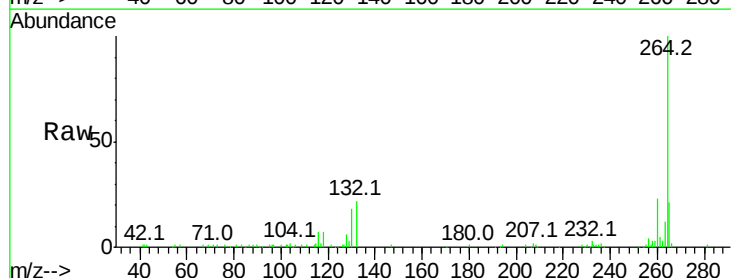
Tgt Ion:264 Resp: 156470

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.2 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

