

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095375.D
 Acq On : 24 May 2017 6:26
 Operator : SJ/MA
 Sample : I3269-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:22:31 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

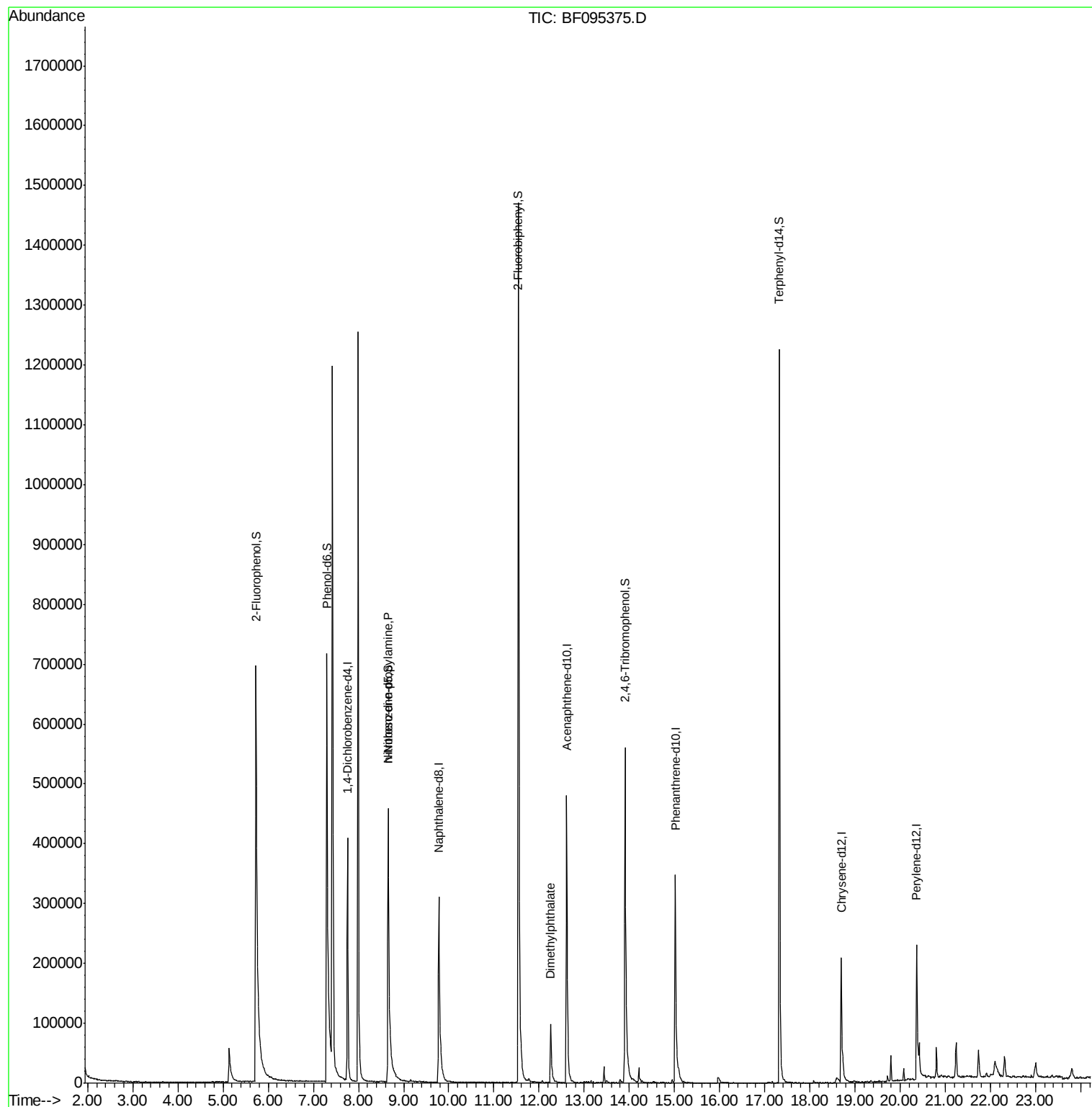
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	98752	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	373626	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	194961	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	303506	20.00	ng	0.00
75) Chrysene-d12	18.69	240	157708	20.00	ng	0.00
86) Perylene-d12	20.36	264	171197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	610823	103.12	ng	-0.01
7) Phenol-d6	7.30	99	667147	93.87	ng	-0.02
23) Nitrobenzene-d5	8.65	82	398923	67.33	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	136746	85.64	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	907035	66.96	ng	-0.02
78) Terphenyl-d14	17.32	244	543054	75.84	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	44728	9.31	ng	Qvalue # 76
49) Dimethylphthalate	12.25	163	102998	6.44	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: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095375.D

Acq: 24 May 2017 6:26

Instrument :

BNA_F

ClientSampleId :

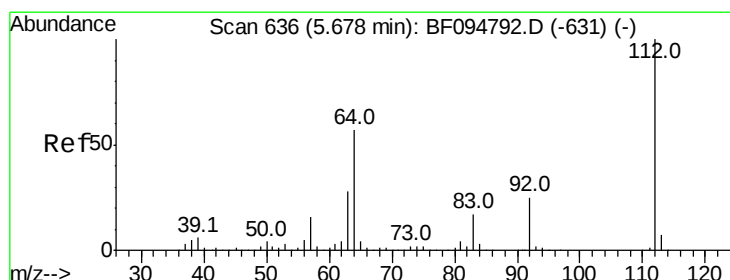
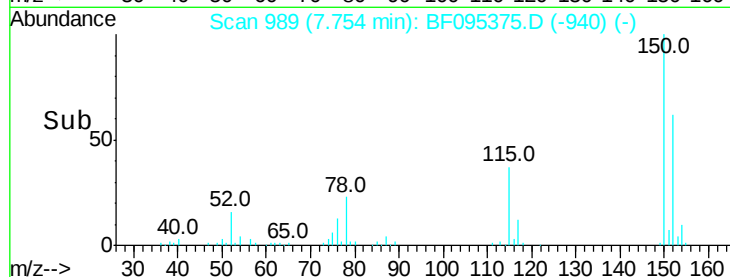
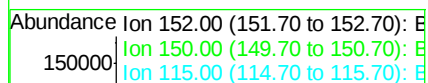
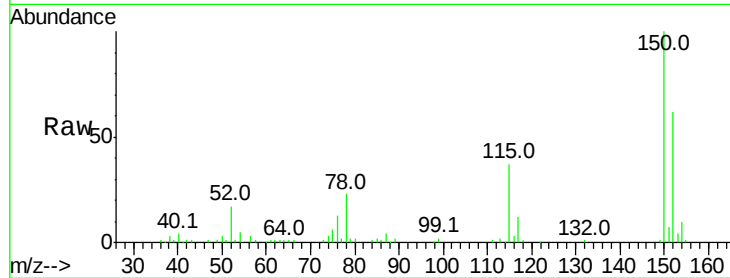
Tot Ion:152 Resp: 98752

Ion Ratio Lower Upper

152 100

150 161.5 126.2 189.2

115 60.0 52.2 78.2



#5

2-Fluorophenol

Concen: 103.12 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095375.D

Acq: 24 May 2017 6:26

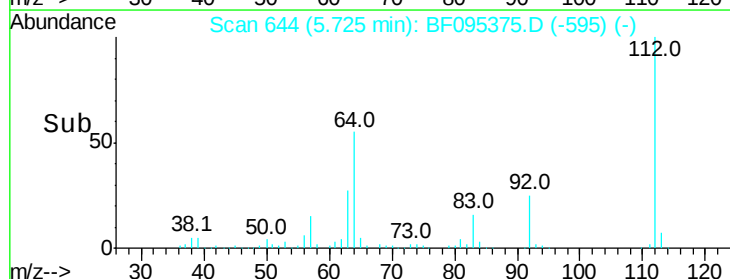
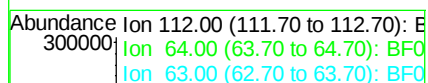
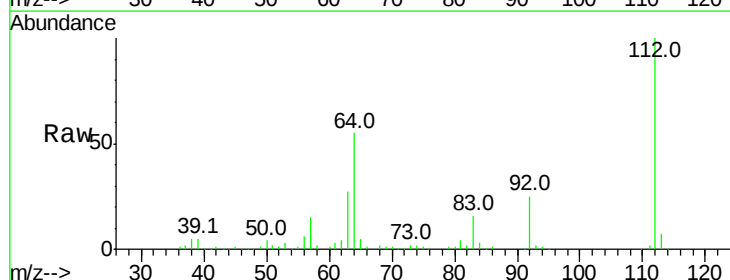
Tgt Ion:112 Resp: 610823

Ion Ratio Lower Upper

112 100

64 54.9 46.0 69.0

63 27.1 23.4 35.0





#7

Phenol-d6

Concen: 93.87 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095375.D

Acq: 24 May 2017 6:26

Instrument :

BNA_F

ClientSampleId :

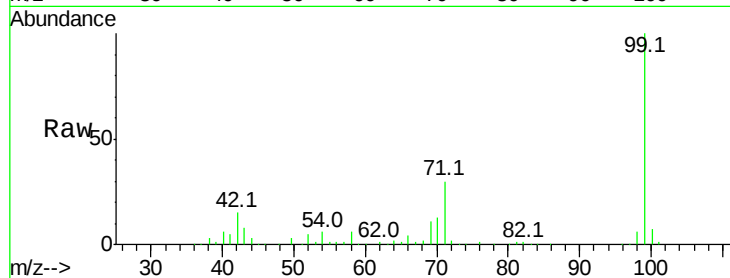
Tot Ion: 99 Resp: 667147

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

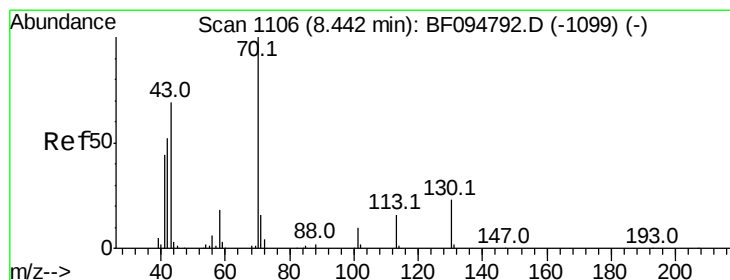
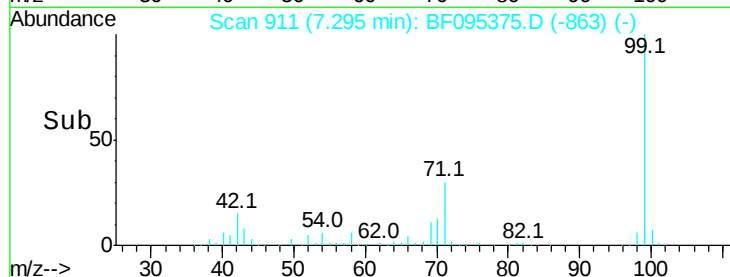
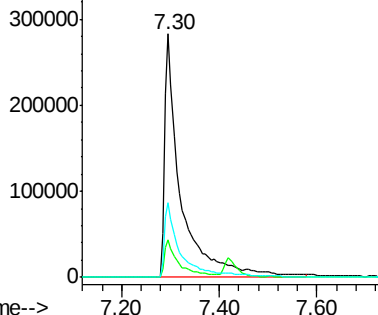
71 30.4 24.5 36.7



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: 9.31 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095375.D

Acq: 24 May 2017 6:26

Tgt Ion: 70 Resp: 44728

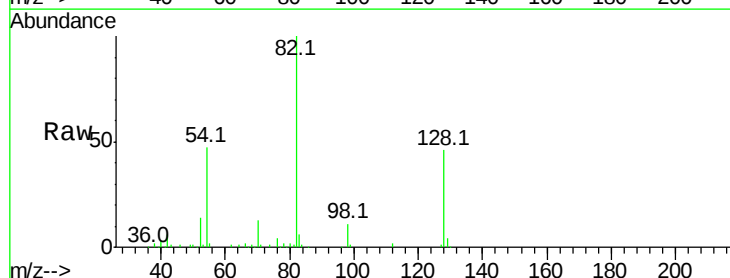
Ion Ratio Lower Upper

70 100

42 44.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

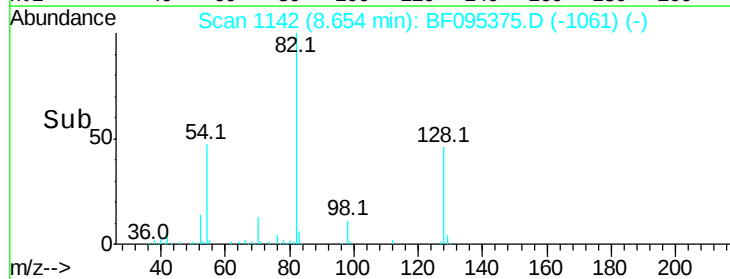
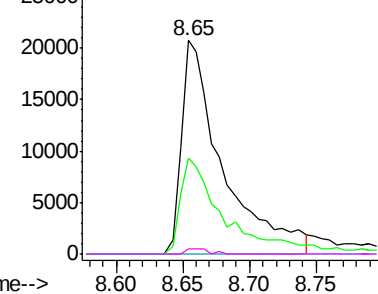


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095375.D

Acq: 24 May 2017 6:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 373626

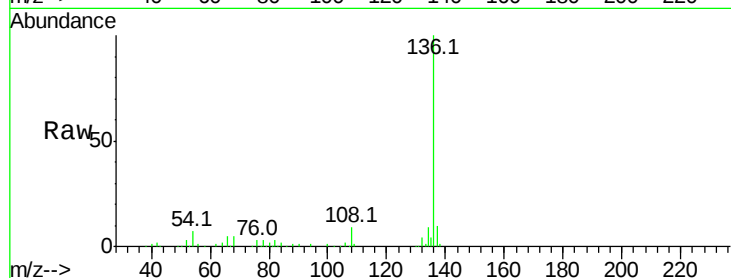
Ion Ratio Lower Upper

136 100

137 10.0 8.5 12.7

54 6.9 4.9 7.3

68 5.0 4.1 6.1

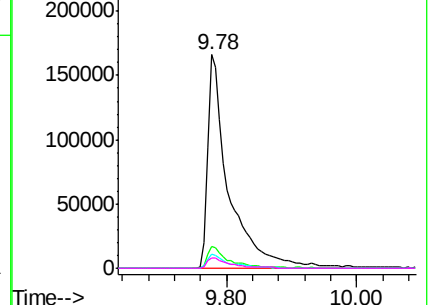
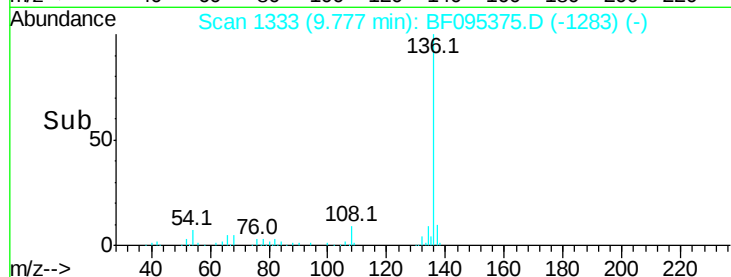


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.33 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095375.D

Acq: 24 May 2017 6:26

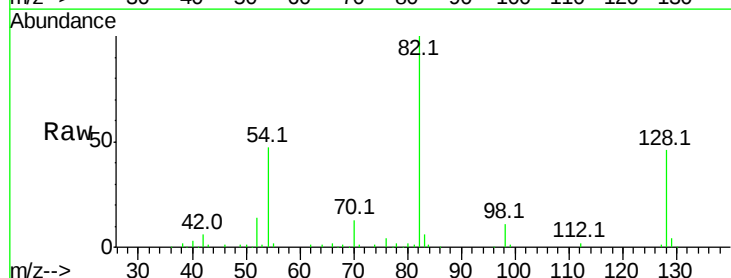
Tgt Ion: 82 Resp: 398923

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

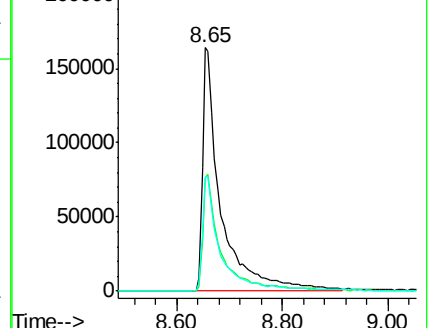
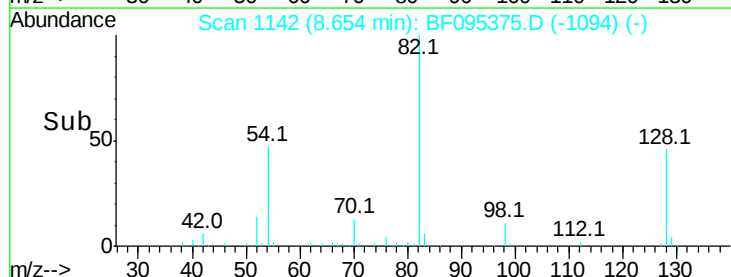
54 46.8 42.2 63.2



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: BF095375.D

Acq: 24 May 2017 6:26

Instrument :

BNA_F

ClientSampleId :

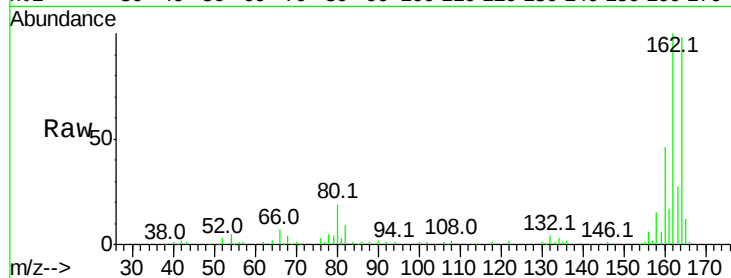
Tot Ion:164 Resp: 194961

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

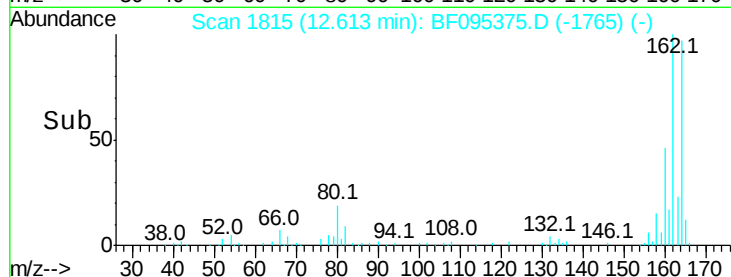
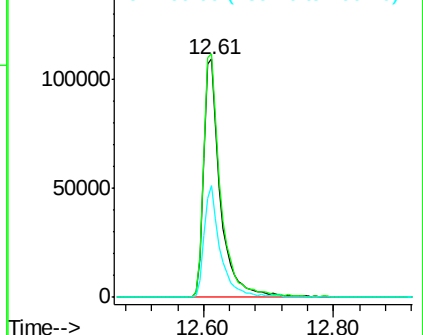
160 46.7 36.2 54.2



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: 85.64 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095375.D

Acq: 24 May 2017 6:26

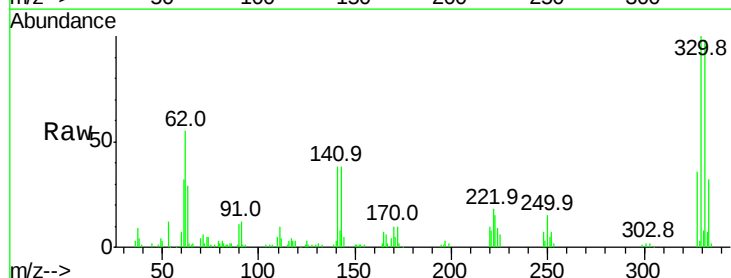
Tgt Ion:330 Resp: 136746

Ion Ratio Lower Upper

330 100

332 98.6 76.6 115.0

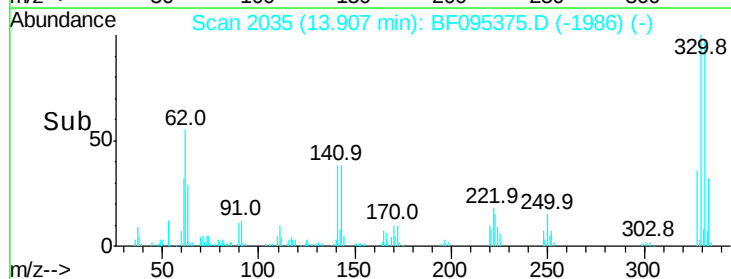
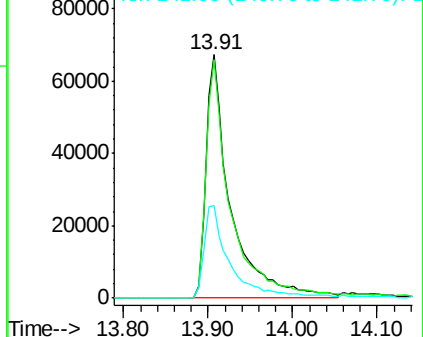
141 40.2 31.4 47.2



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

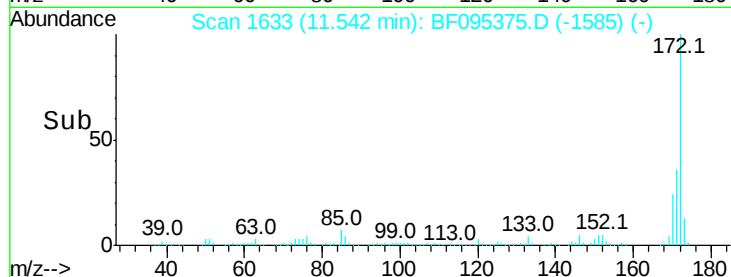
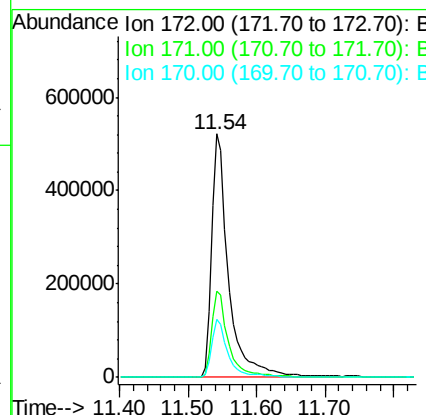
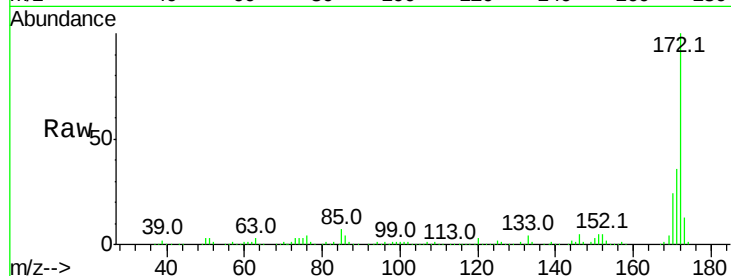




#44
 2-Fluorobiphenyl
 Concen: 66.96 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095375.D
 Acq: 24 May 2017 6:26

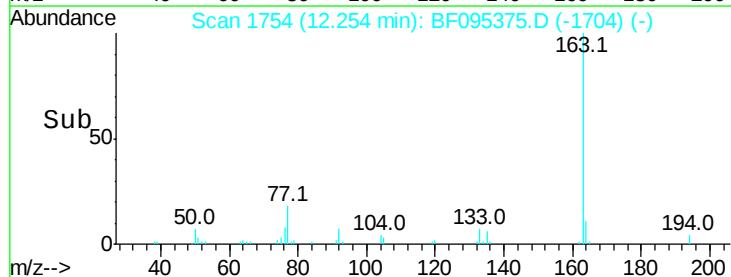
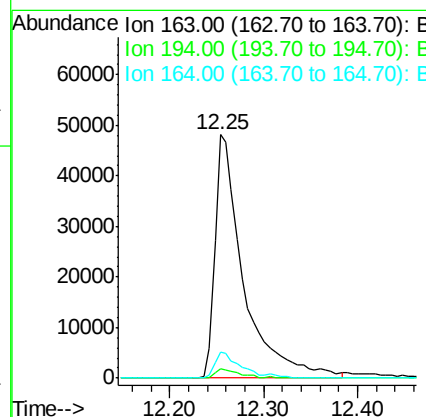
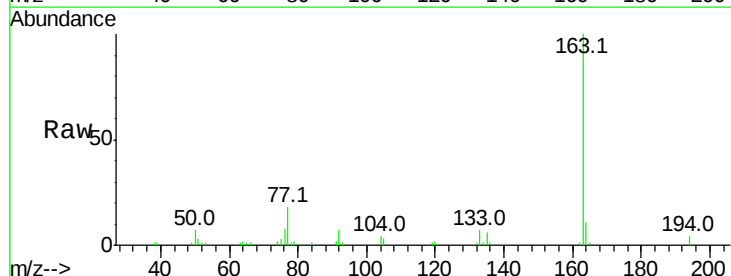
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.6	19.8	29.8



#49
 Dimethylphthalate
 Concen: 6.44 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF095375.D
 Acq: 24 May 2017 6:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.8	8.4	12.6

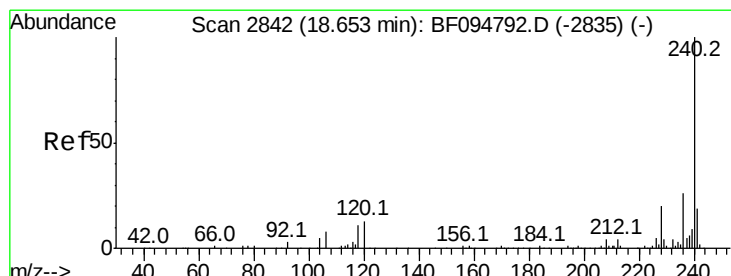
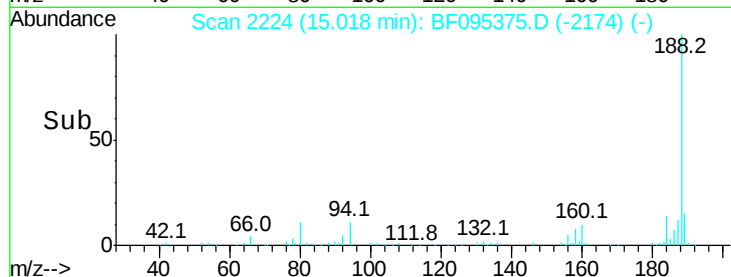
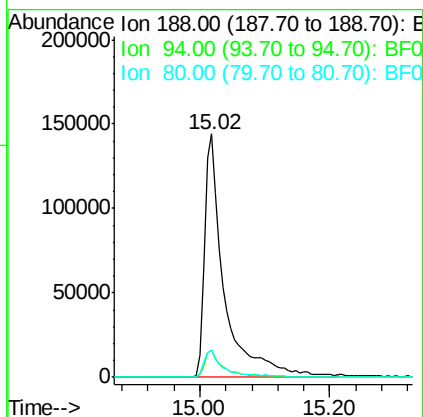
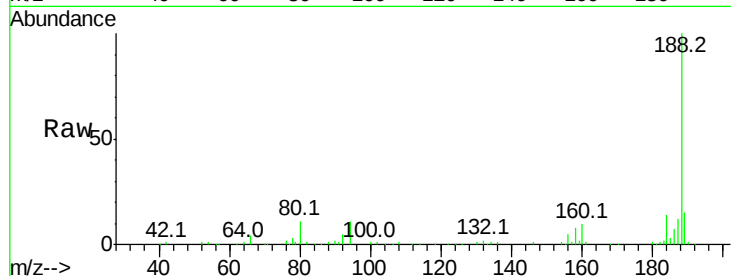




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095375.D
 Acq: 24 May 2017 6:26

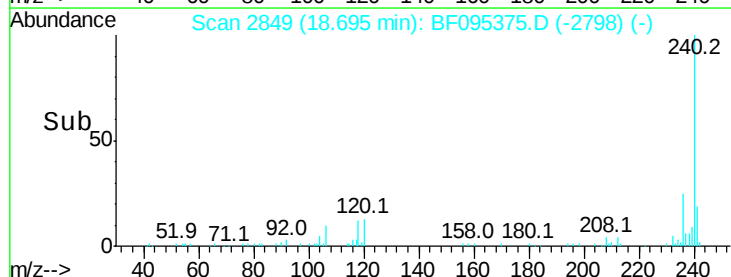
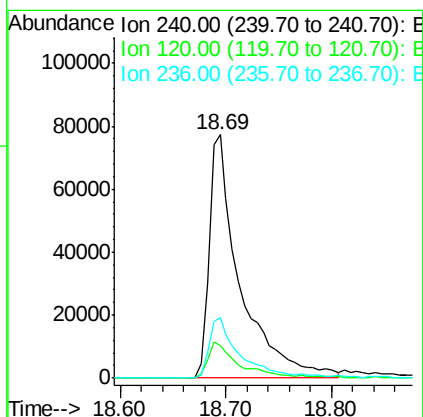
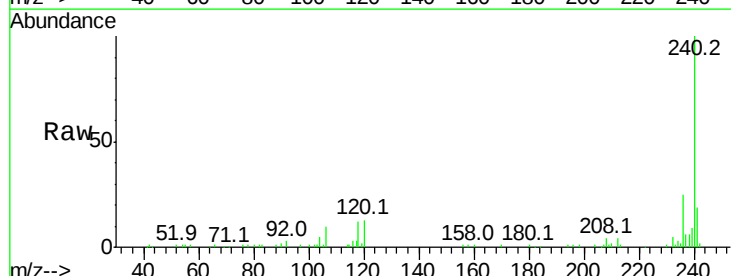
Instrument :
 BNA_F
 ClientSampleId :

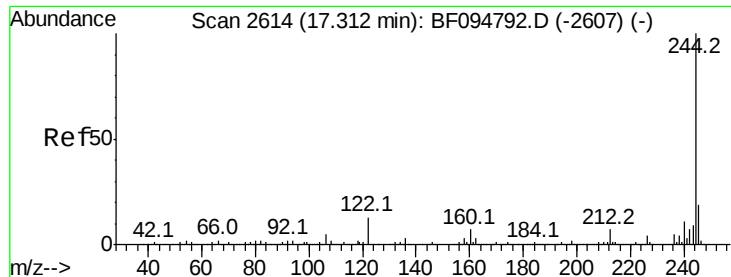
Tot Ion:188 Resp: 303506
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.1 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095375.D
 Acq: 24 May 2017 6:26

Tgt Ion:240 Resp: 157708
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 24.8 20.5 30.7





#78

Terphenyl-d14

Concen: 75.84 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095375.D

Acq: 24 May 2017 6:26

Instrument :

BNA_F

ClientSampled :

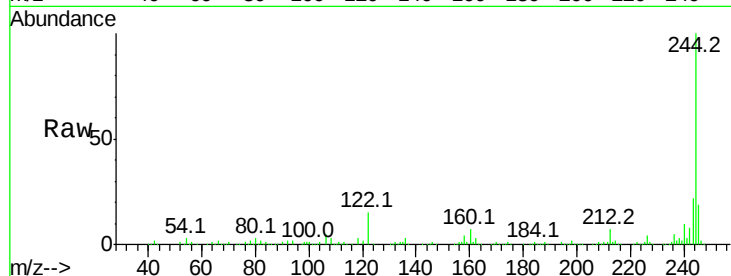
Tot Ion:244 Resp: 543054

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

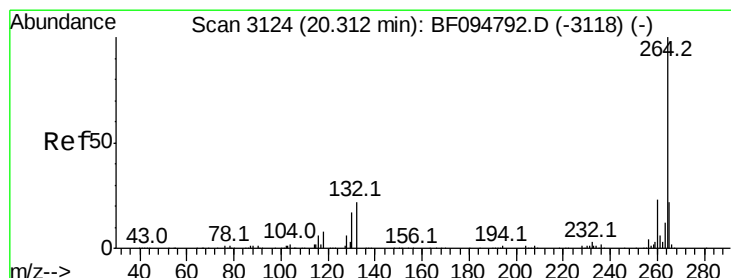
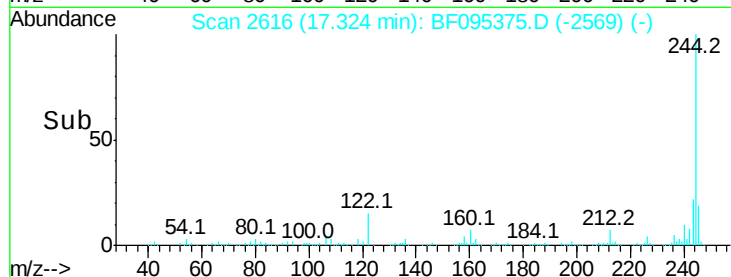
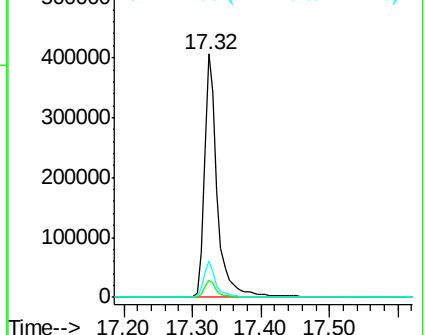
122 15.1 10.3 15.5



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: 20.36 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095375.D

Acq: 24 May 2017 6:26

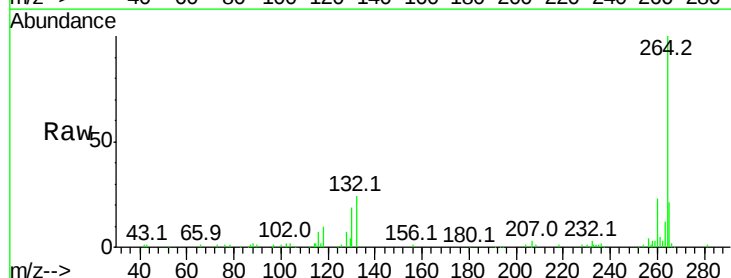
Tgt Ion:264 Resp: 171197

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 21.4 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

