

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095378.D
 Acq On : 24 May 2017 8:02
 Operator : SJ/MA
 Sample : I3271-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 08:34:58 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

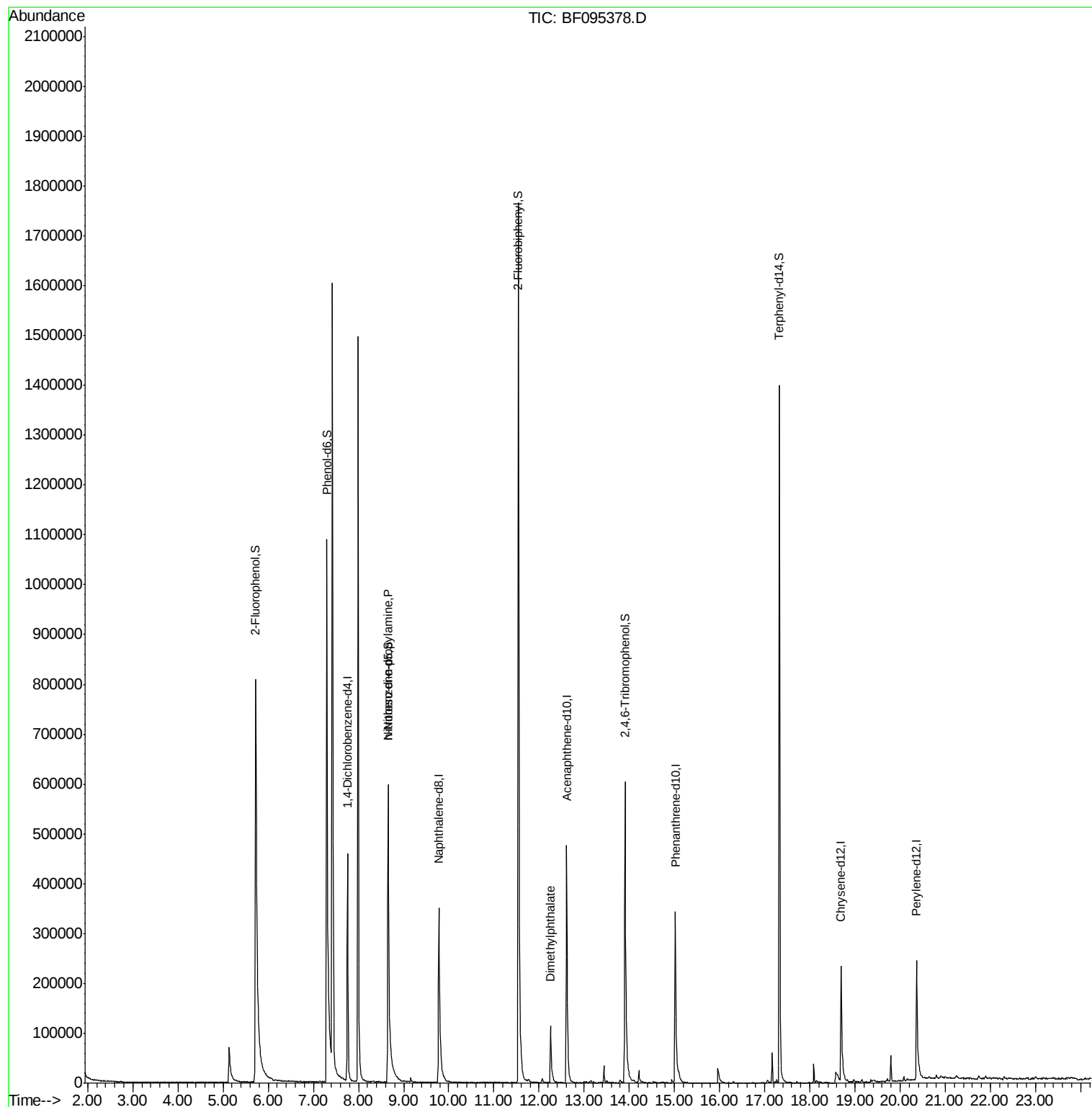
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	104855	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	423301	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	189948	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	300768	20.00	ng	0.00
75) Chrysene-d12	18.69	240	176652	20.00	ng	0.00
86) Perylene-d12	20.37	264	177757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	699060	111.15	ng	-0.01
7) Phenol-d6	7.30	99	877753	116.32	ng	-0.02
23) Nitrobenzene-d5	8.65	82	480367	71.56	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	148663	95.57	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	1056391	80.05	ng	-0.02
78) Terphenyl-d14	17.32	244	645229	80.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	54132	10.61	ng	Qvalue # 73
49) Dimethylphthalate	12.25	163	108021	6.93	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: BF095378.D

Acq: 24 May 2017 8:02

Instrument :

BNA_F

ClientSampleId :

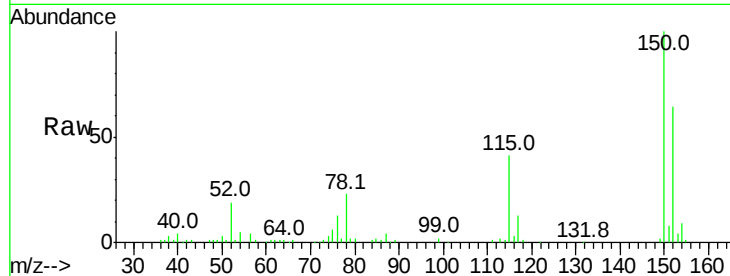
Tot Ion:152 Resp: 104855

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

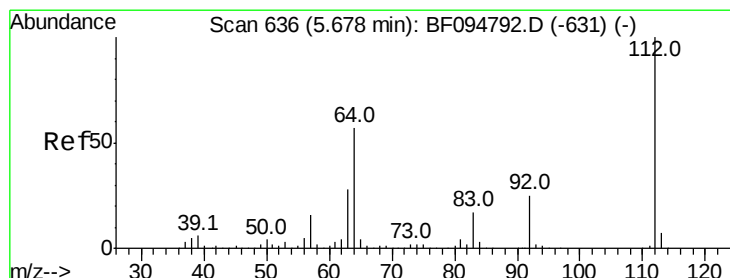
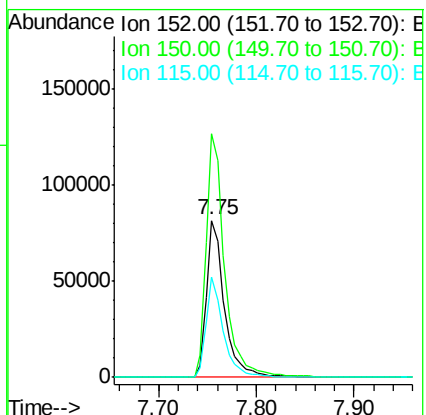
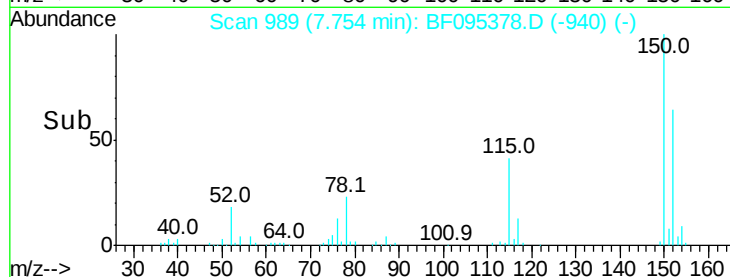
115 63.7 52.2 78.2



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: 111.15 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095378.D

Acq: 24 May 2017 8:02

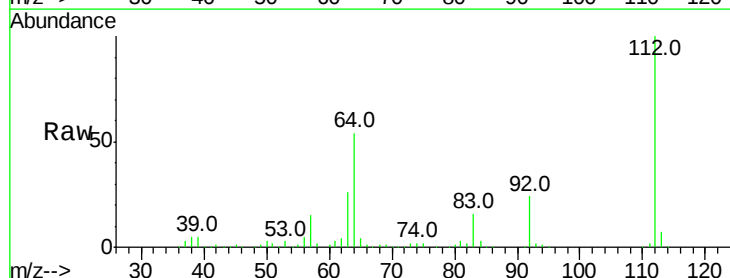
Tgt Ion:112 Resp: 699060

Ion Ratio Lower Upper

112 100

64 53.6 46.0 69.0

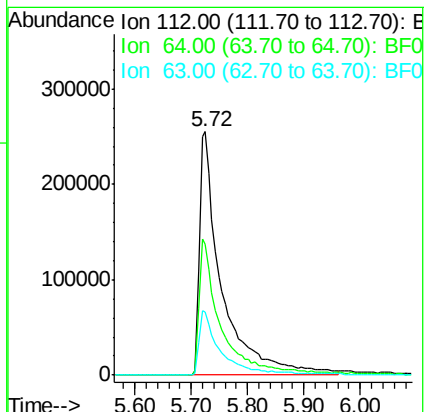
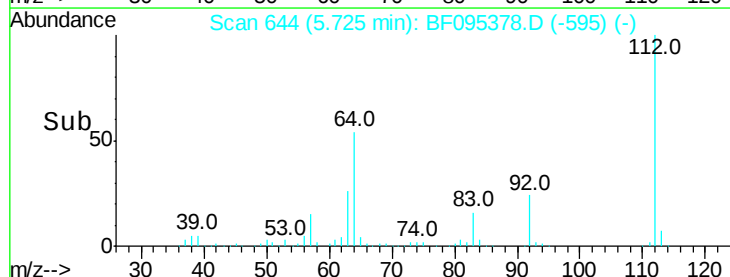
63 26.0 23.4 35.0



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: 116.32 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095378.D

Acq: 24 May 2017 8:02

Instrument :

BNA_F

ClientSampled :

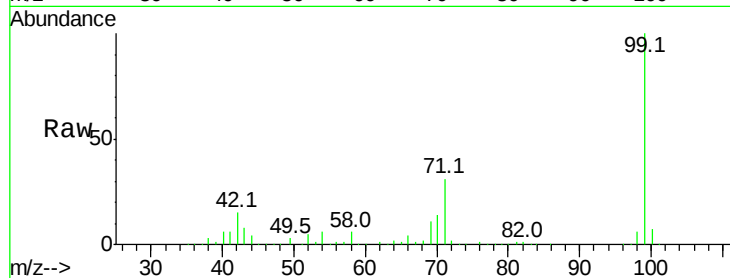
Tot Ion: 99 Resp: 877753

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 30.8 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

500000

400000

300000

200000

100000

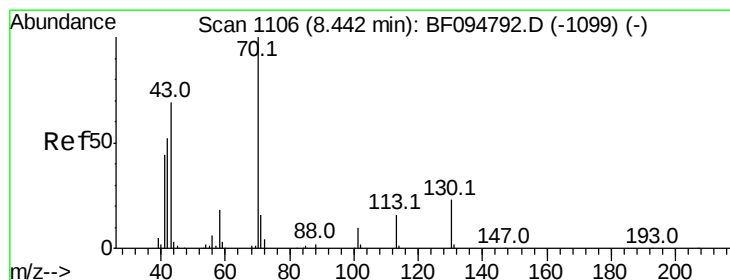
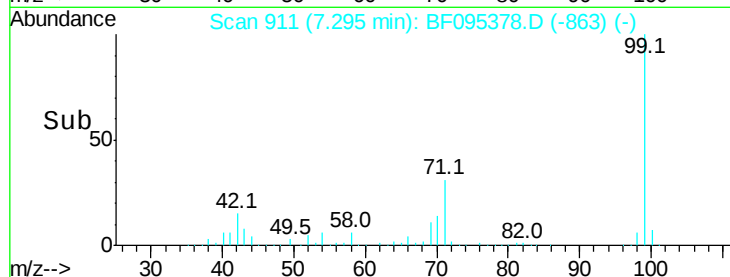
0

7.20

7.40

7.60

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 10.61 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095378.D

Acq: 24 May 2017 8:02

Tgt Ion: 70 Resp: 54132

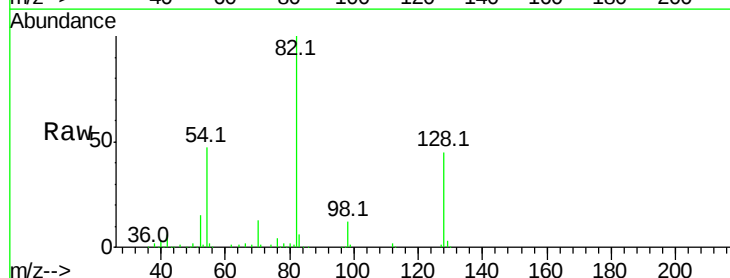
Ion Ratio Lower Upper

70 100

42 41.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 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

40000

30000

20000

10000

0

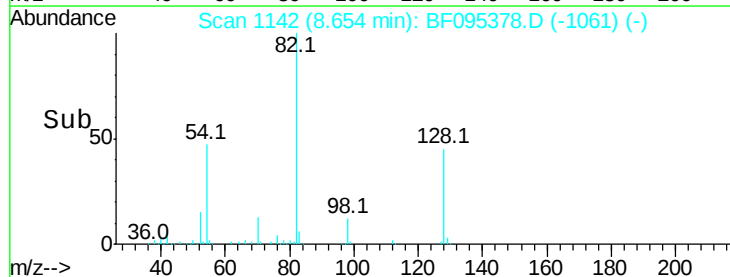
8.60

8.65

8.70

8.75

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095378.D

Acq: 24 May 2017 8:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 423301

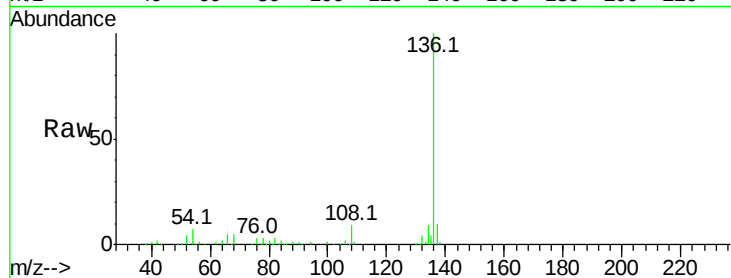
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

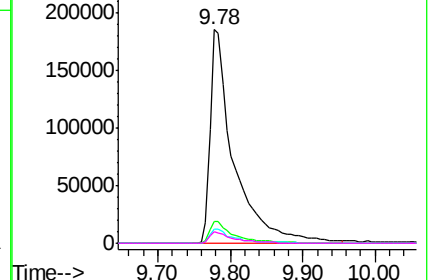
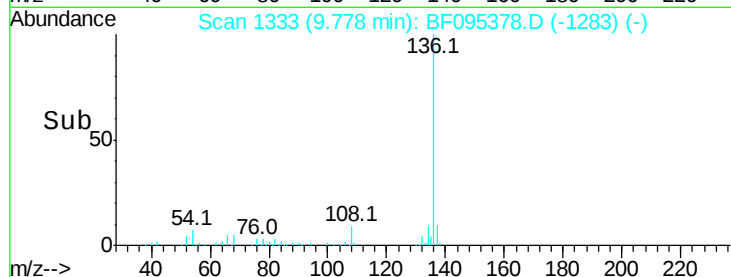


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.56 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095378.D

Acq: 24 May 2017 8:02

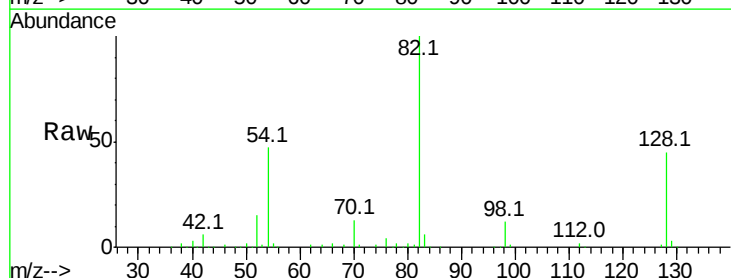
Tgt Ion: 82 Resp: 480367

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

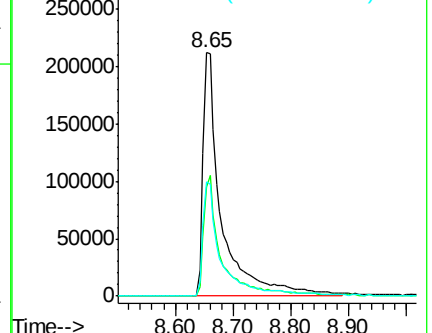
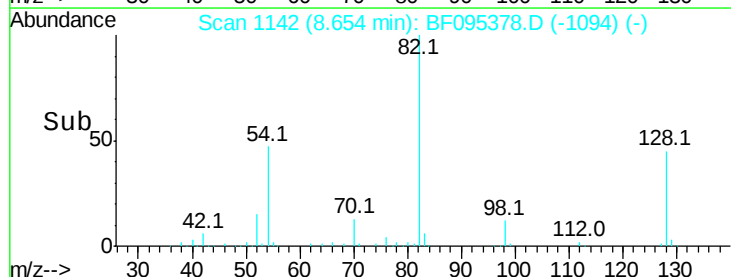
54 47.0 42.2 63.2



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: BF095378.D

Acq: 24 May 2017 8:02

Instrument :

BNA_F

ClientSampled :

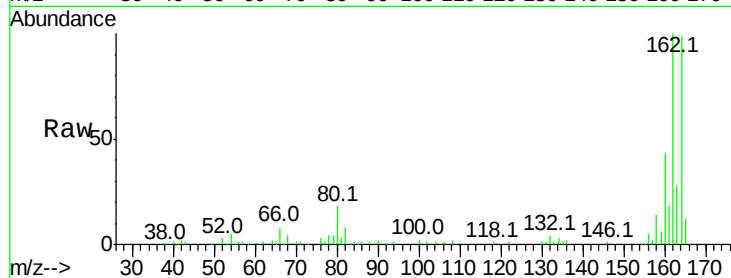
Tot Ion:164 Resp: 189948

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

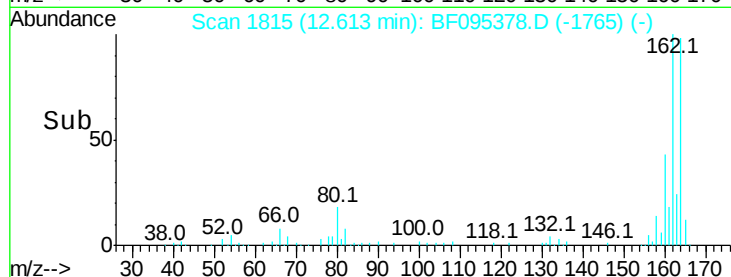
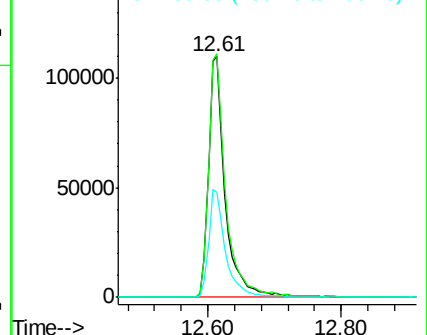
160 43.6 36.2 54.2



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: 95.57 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095378.D

Acq: 24 May 2017 8:02

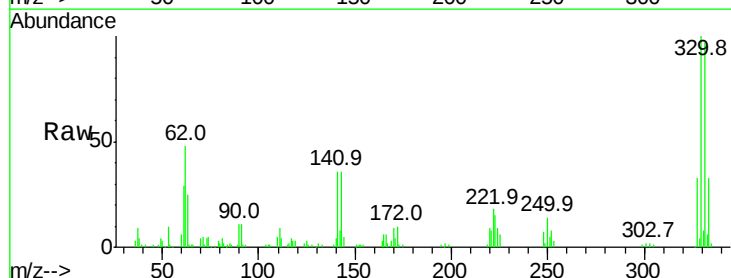
Tgt Ion:330 Resp: 148663

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

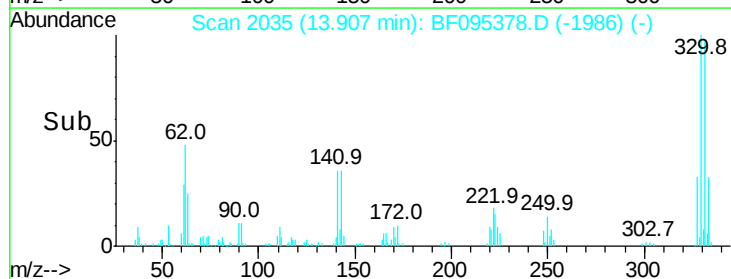
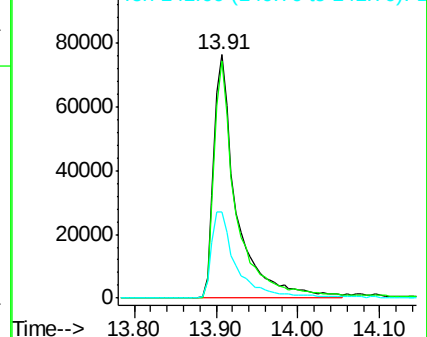
141 39.4 31.4 47.2



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



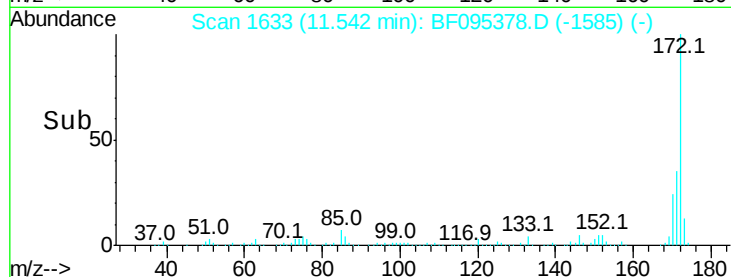
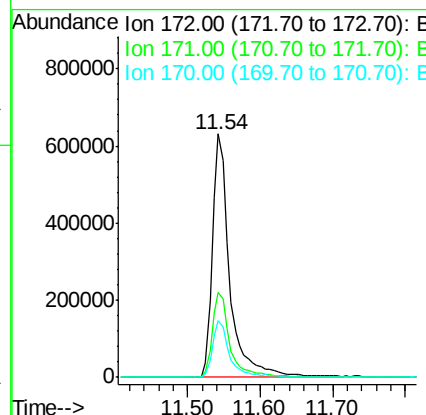
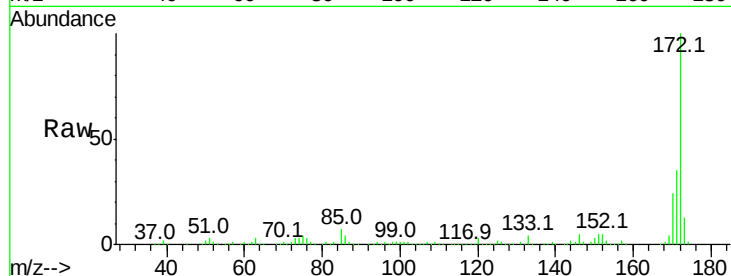


#44
 2-Fluorobiphenyl
 Concen: 80.05 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095378.D
 Acq: 24 May 2017 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1056391

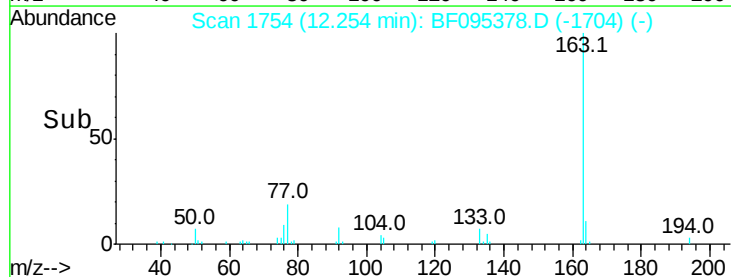
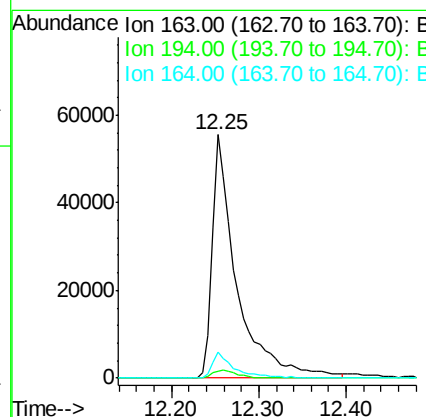
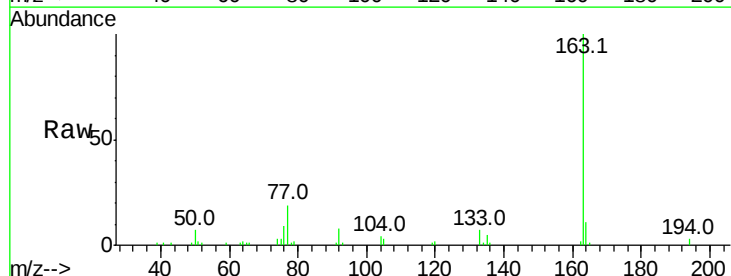
Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.5	19.8	29.8



#49
 Dimethylphthalate
 Concen: 6.93 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF095378.D
 Acq: 24 May 2017 8:02

Tgt Ion:163 Resp: 108021

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.9	8.4	12.6

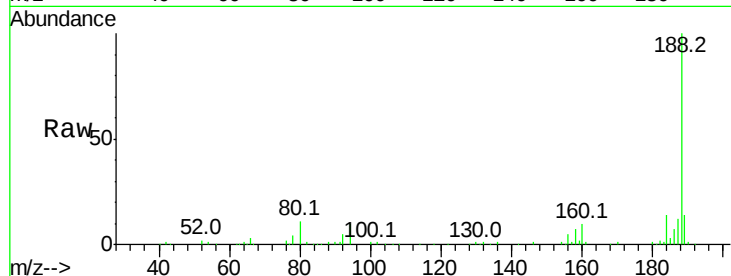




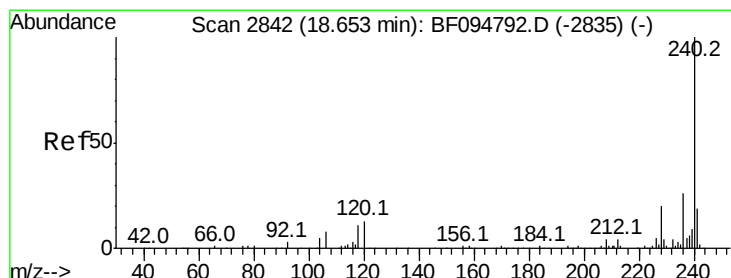
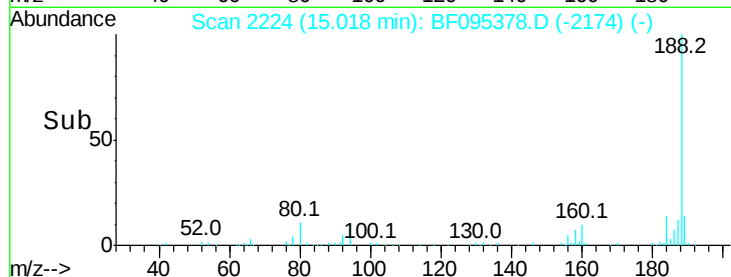
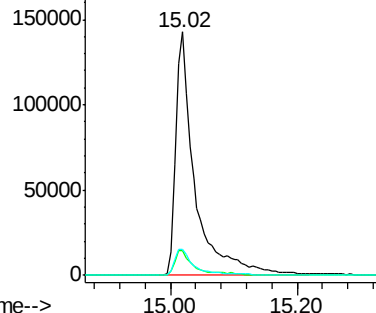
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095378.D
 Acq: 24 May 2017 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 300768
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.6 10.2 15.2

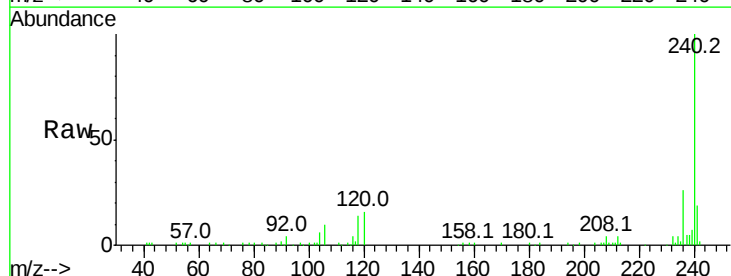


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

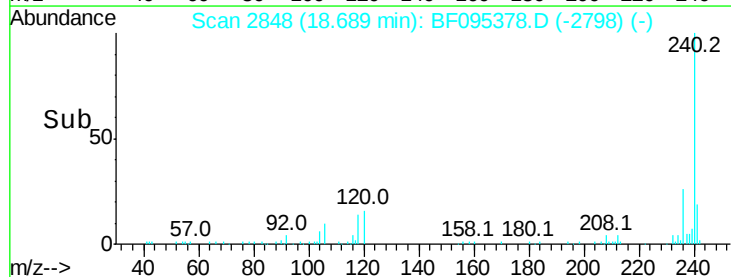
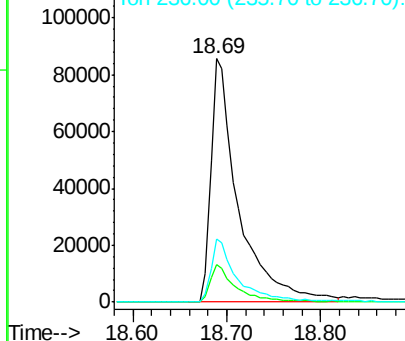


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095378.D
 Acq: 24 May 2017 8:02

Tgt Ion:240 Resp: 176652
 Ion Ratio Lower Upper
 240 100
 120 15.6 5.8 8.8#
 236 26.1 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: 80.45 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095378.D

Acq: 24 May 2017 8:02

Instrument :

BNA_F

ClientSampleId :

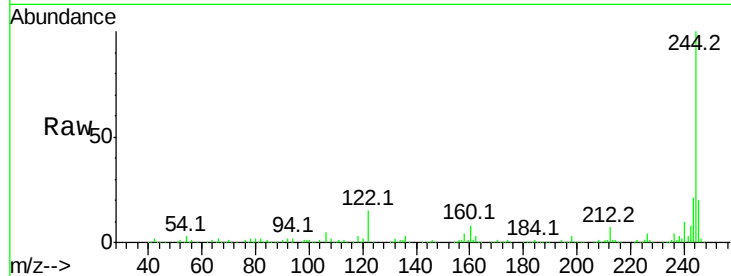
Tot Ion:244 Resp: 645229

Ion Ratio Lower Upper

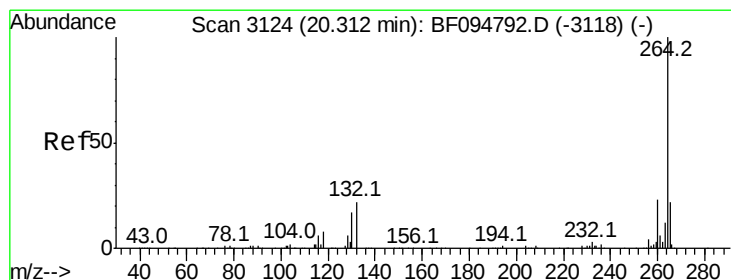
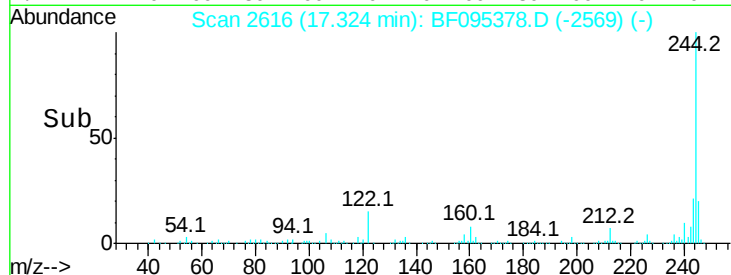
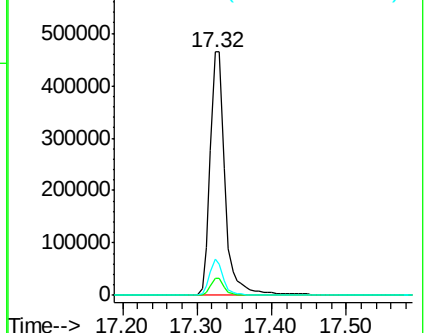
244 100

212 7.0 6.0 9.0

122 14.7 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# 3133

Delta R.T. 0.00 min

Lab File: BF095378.D

Acq: 24 May 2017 8:02

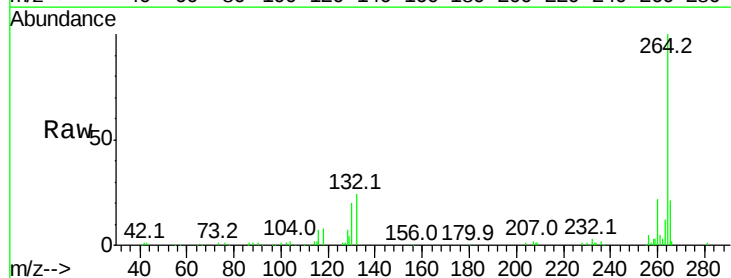
Tgt Ion:264 Resp: 177757

Ion Ratio Lower Upper

264 100

260 22.5 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

