

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095041.D
 Acq On : 10 May 2017 1:28
 Operator : SJ/MA
 Sample : I3027-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 05:17:37 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

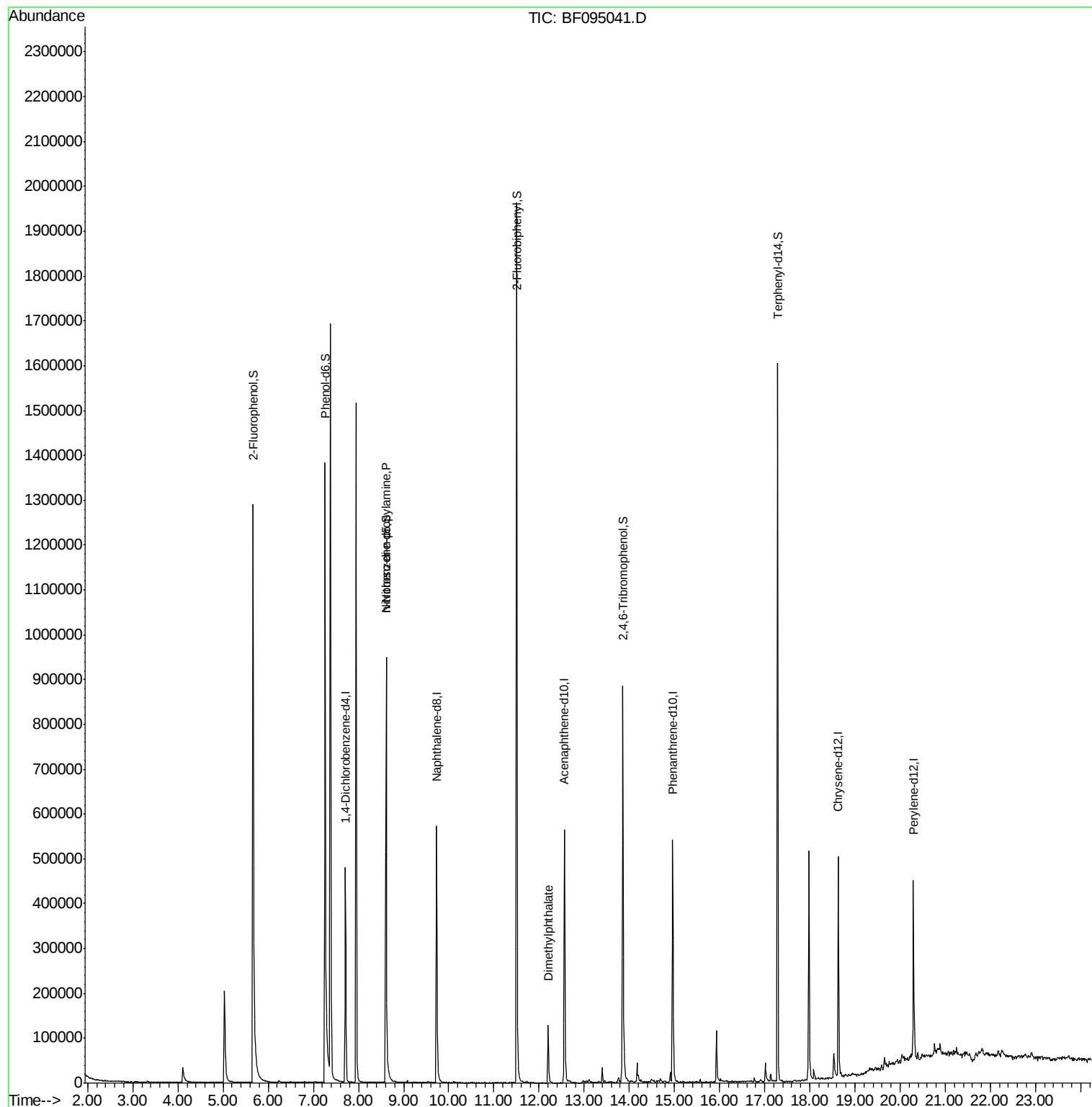
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	100754	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	408641	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	182760	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	307848	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	208225	20.00	ng	-0.02
86) Perylene-d12	20.30	264	187632	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	678072	112.20	ng	-0.01
7) Phenol-d6	7.26	99	833528	114.95	ng	-0.02
23) Nitrobenzene-d5	8.61	82	476996	73.61	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	160578	107.28	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	888044	69.94	ng	-0.02
78) Terphenyl-d14	17.29	244	613658	64.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	59967	12.23	ng	Qvalue # 74
49) Dimethylphthalate	12.20	163	87094	5.80	ng	100

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

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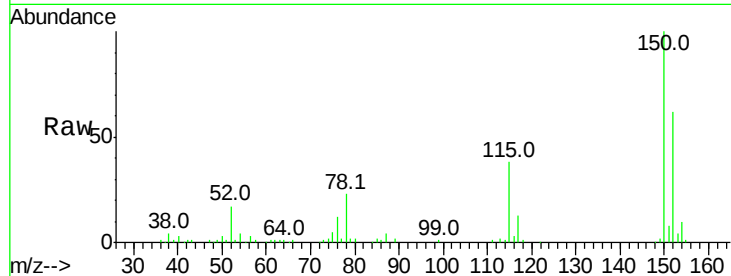


#1

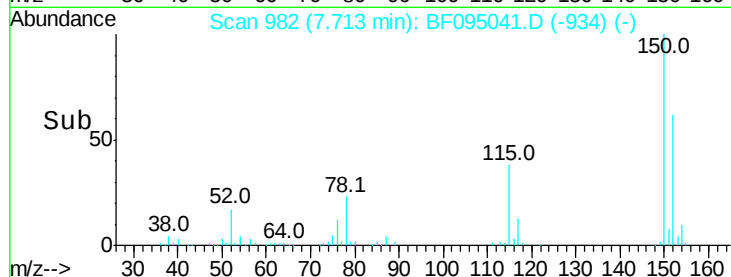
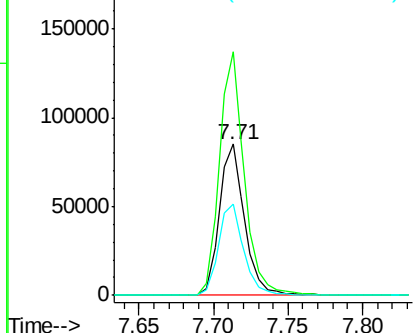
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095041.D
Acq: 10 May 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100754
Ion Ratio Lower Upper
152 100
150 161.2 126.2 189.2
115 60.6 52.2 78.2



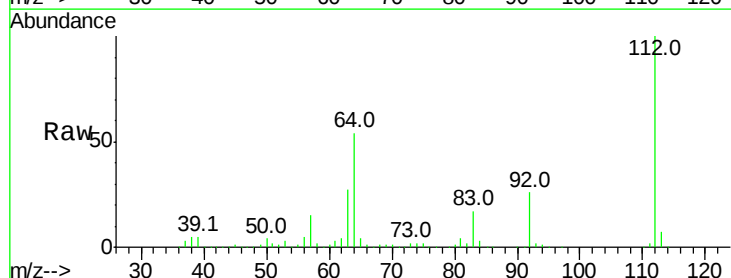
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



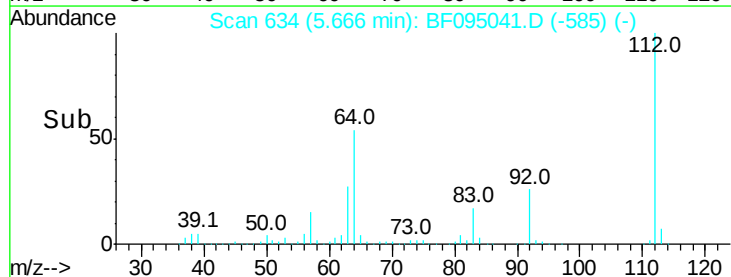
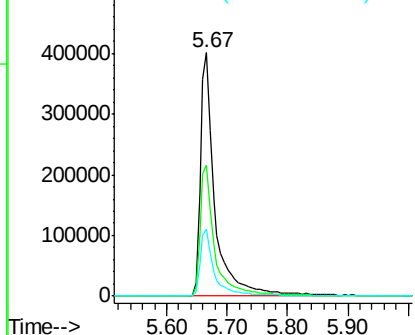
#5

2-Fluorophenol
Concen: 112.20 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF095041.D
Acq: 10 May 2017 1:28

Tgt Ion:112 Resp: 678072
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 27.3 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: 114.95 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Instrument :

BNA_F

ClientSampleId :

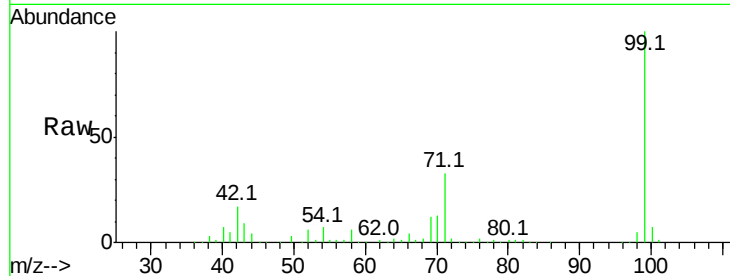
Tot Ion: 99 Resp: 833528

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

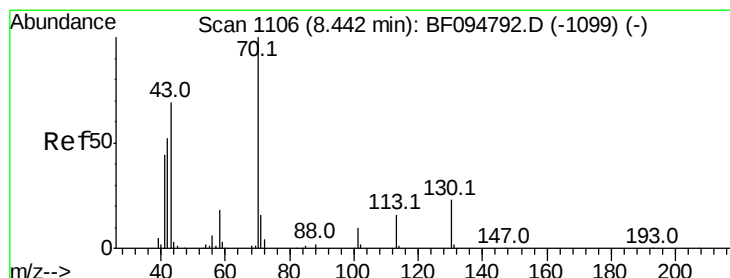
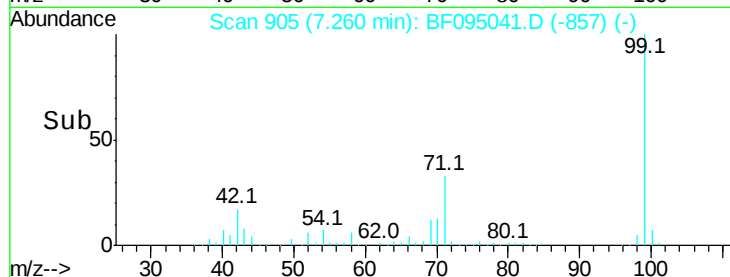
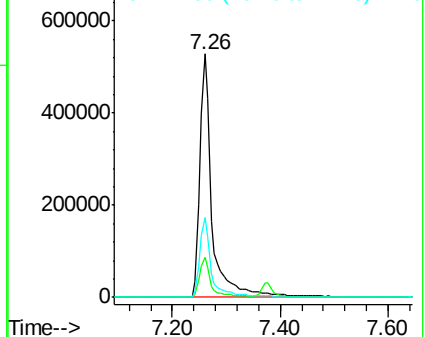
71 32.9 24.5 36.7



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: 12.23 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Tgt Ion: 70 Resp: 59967

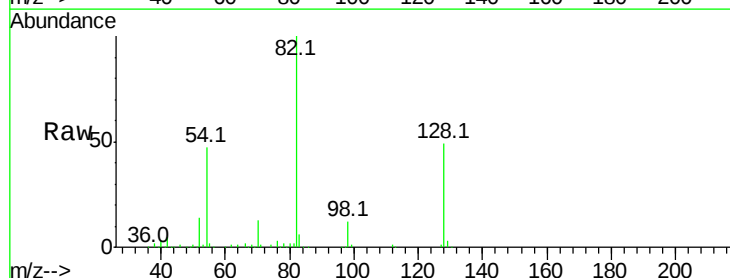
Ion Ratio Lower Upper

70 100

42 41.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

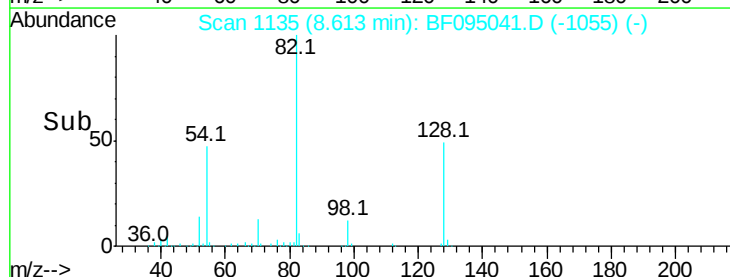
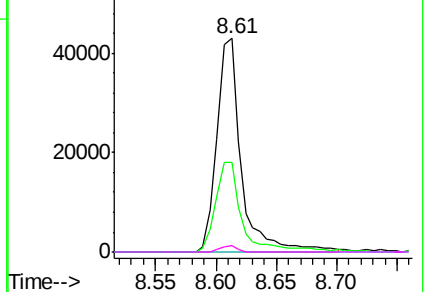


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 408641

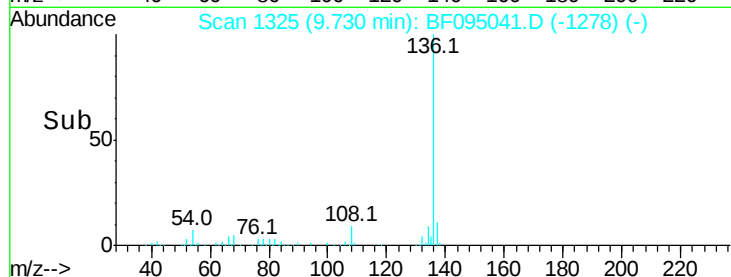
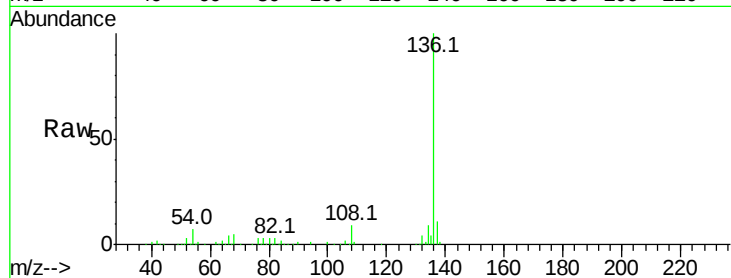
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.0 4.9 7.3

68 5.1 4.1 6.1

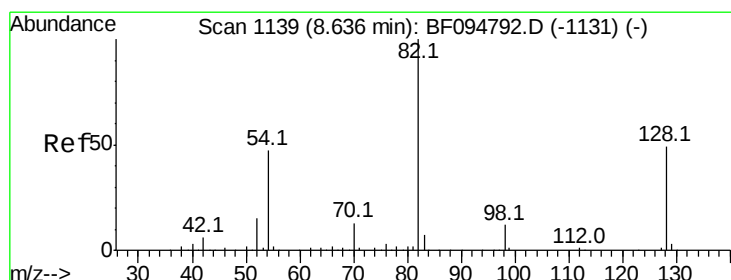
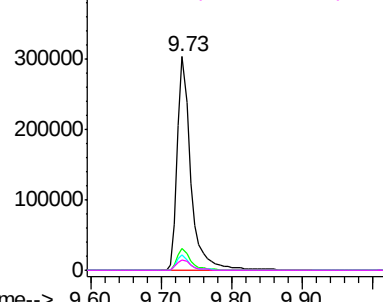


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.61 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

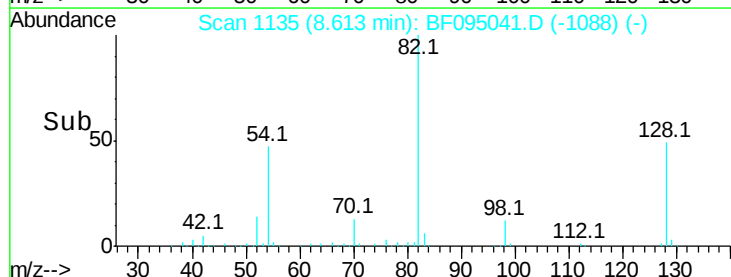
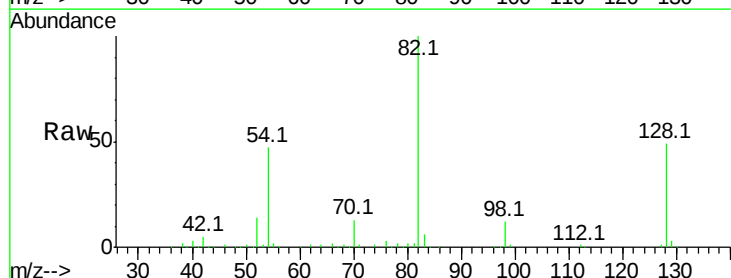
Tgt Ion: 82 Resp: 476996

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

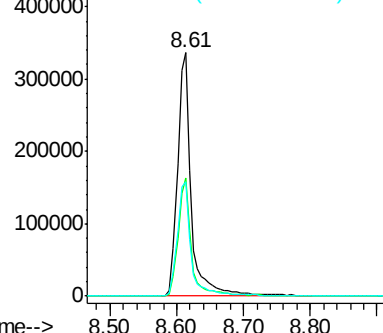
54 46.8 42.2 63.2



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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

Instrument :

BNA_F

ClientSampleId :

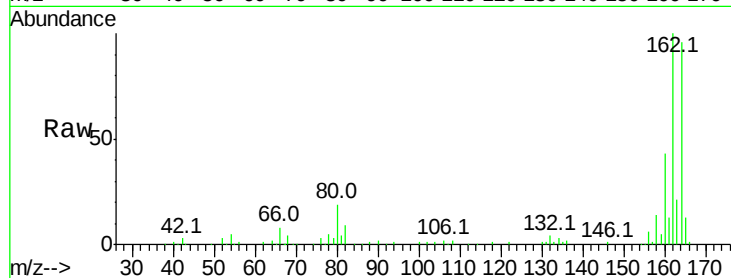
Tot Ion:164 Resp: 182760

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

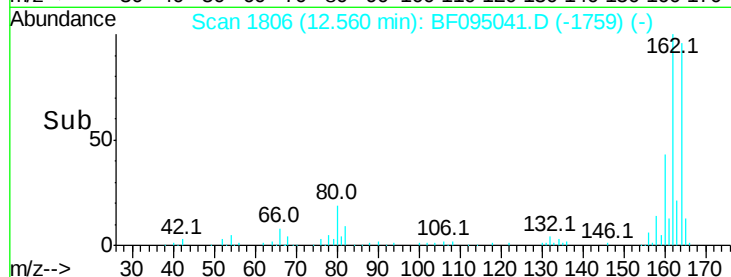
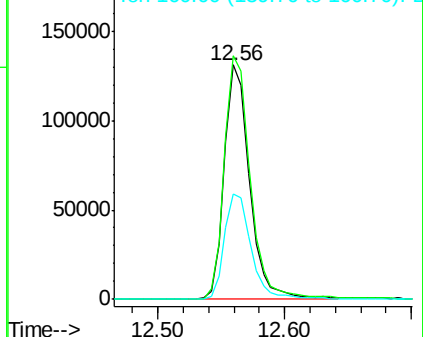
160 44.8 36.2 54.2



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: 107.28 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095041.D

Acq: 10 May 2017 1:28

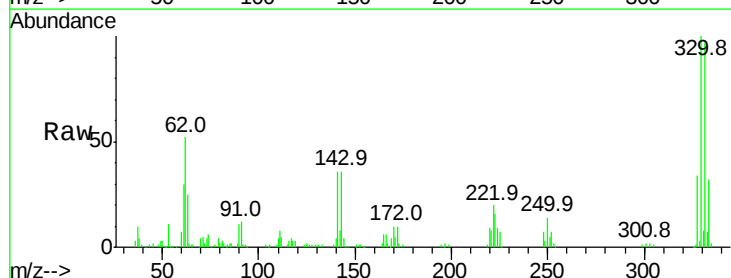
Tgt Ion:330 Resp: 160578

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

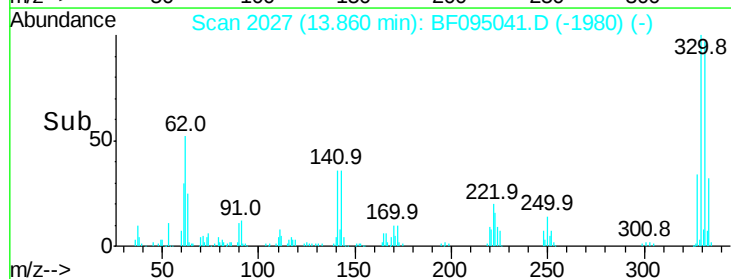
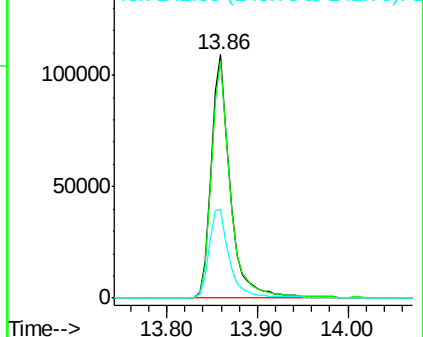
141 39.5 31.4 47.2

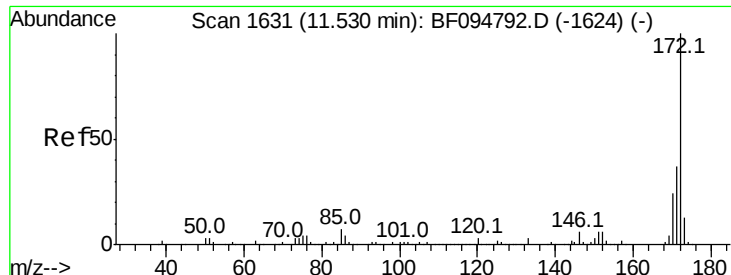


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

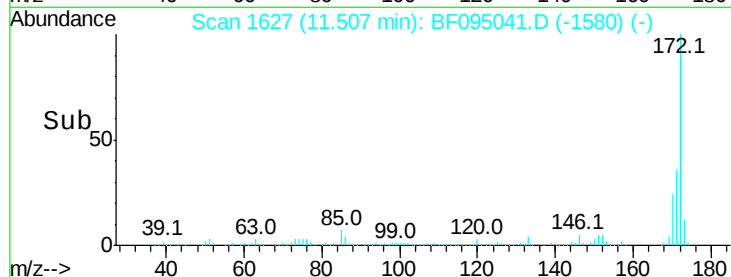
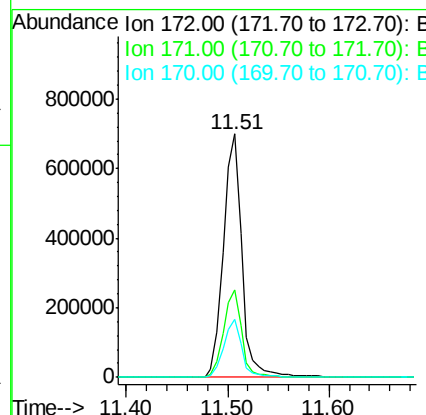
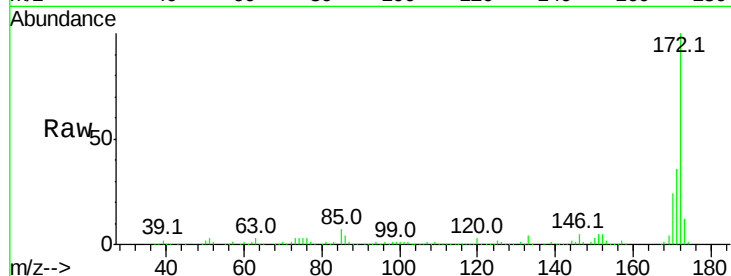




#44
 2-Fluorobiphenyl
 Concen: 69.94 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095041.D
 Acq: 10 May 2017 1:28

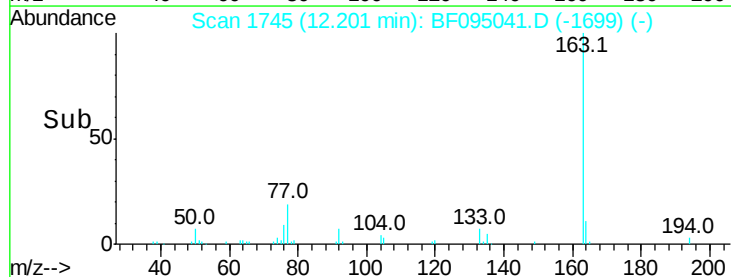
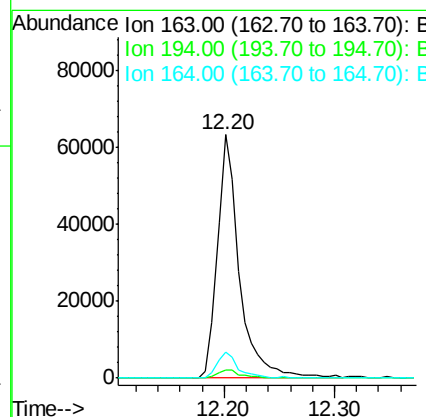
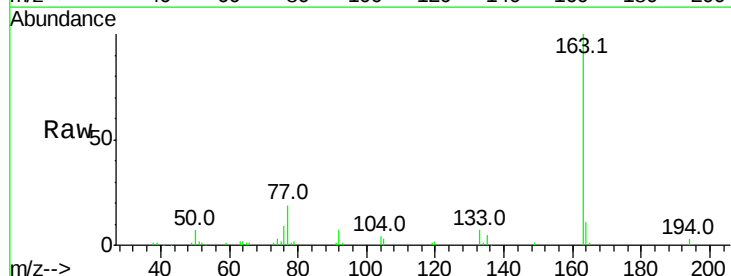
Instrument :
 BNA_F
 ClientSampleId :

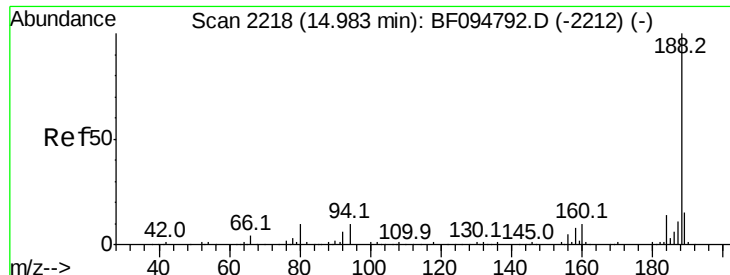
Tot Ion:172 Resp: 888044
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 19.8 29.8



#49
 Dimethylphthalate
 Concen: 5.80 ng
 RT: 12.20 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BF095041.D
 Acq: 10 May 2017 1:28

Tgt Ion:163 Resp: 87094
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.5 8.4 12.6

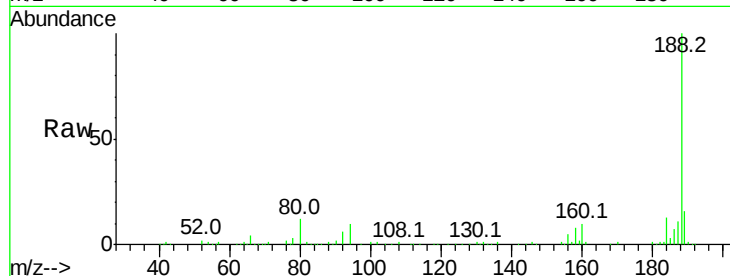




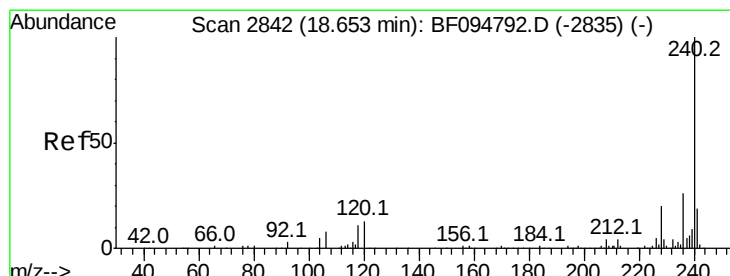
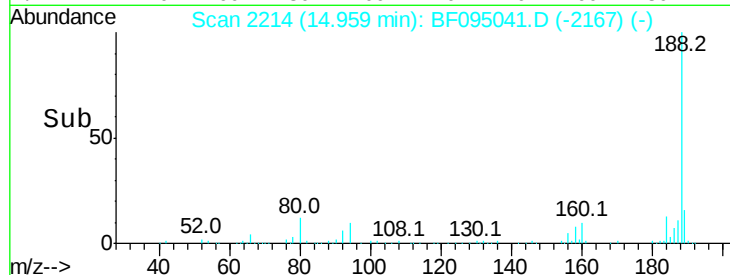
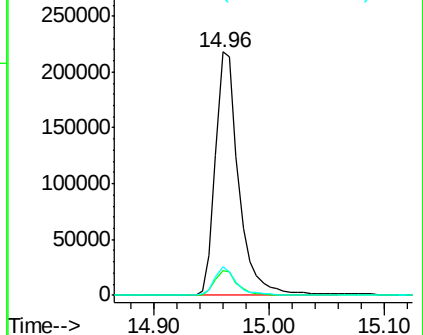
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095041.D
Acq: 10 May 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.6	10.2	15.2



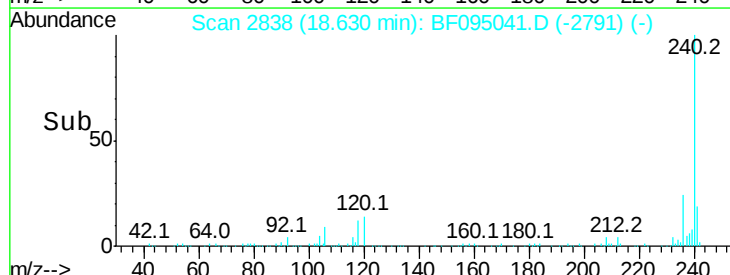
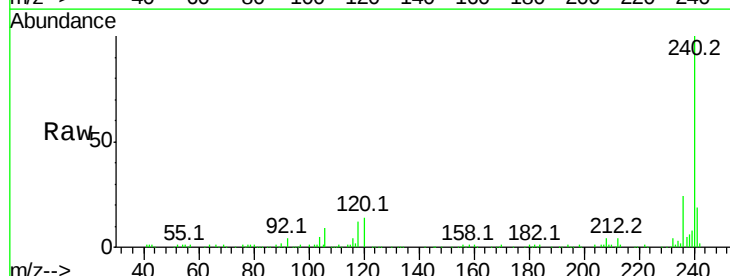
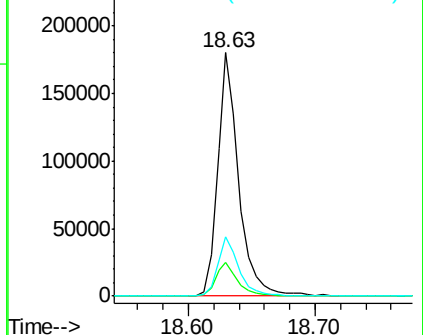
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

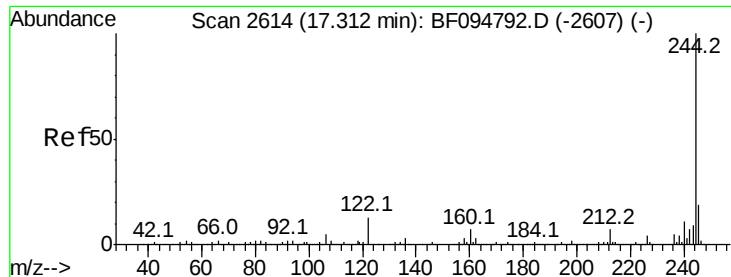


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095041.D
Acq: 10 May 2017 1:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.3	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

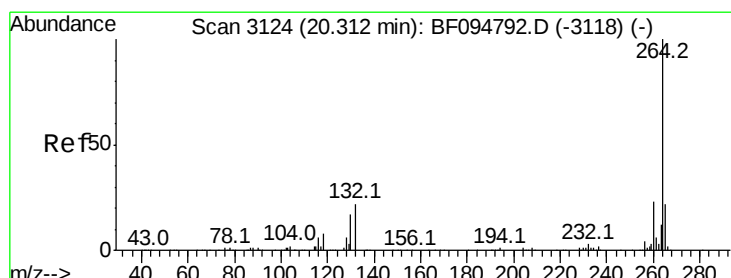
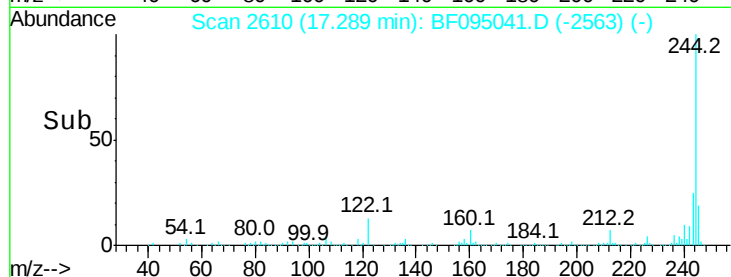
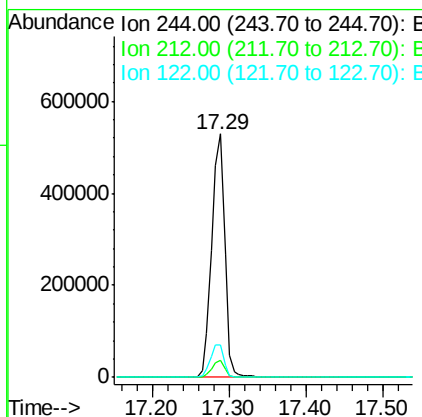
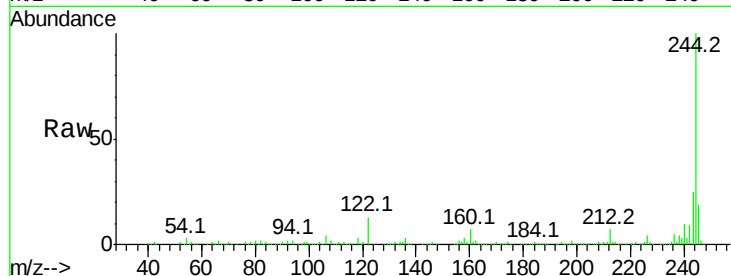




#78
 Terphenyl-d14
 Concen: 64.91 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095041.D
 Acq: 10 May 2017 1:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 613658
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095041.D
 Acq: 10 May 2017 1:28

Tgt Ion:264 Resp: 187632
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.3 17.2 25.8

