

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095430.D
 Acq On : 25 May 2017 18:47
 Operator : SJ/MA
 Sample : I3332-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 01:13:48 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

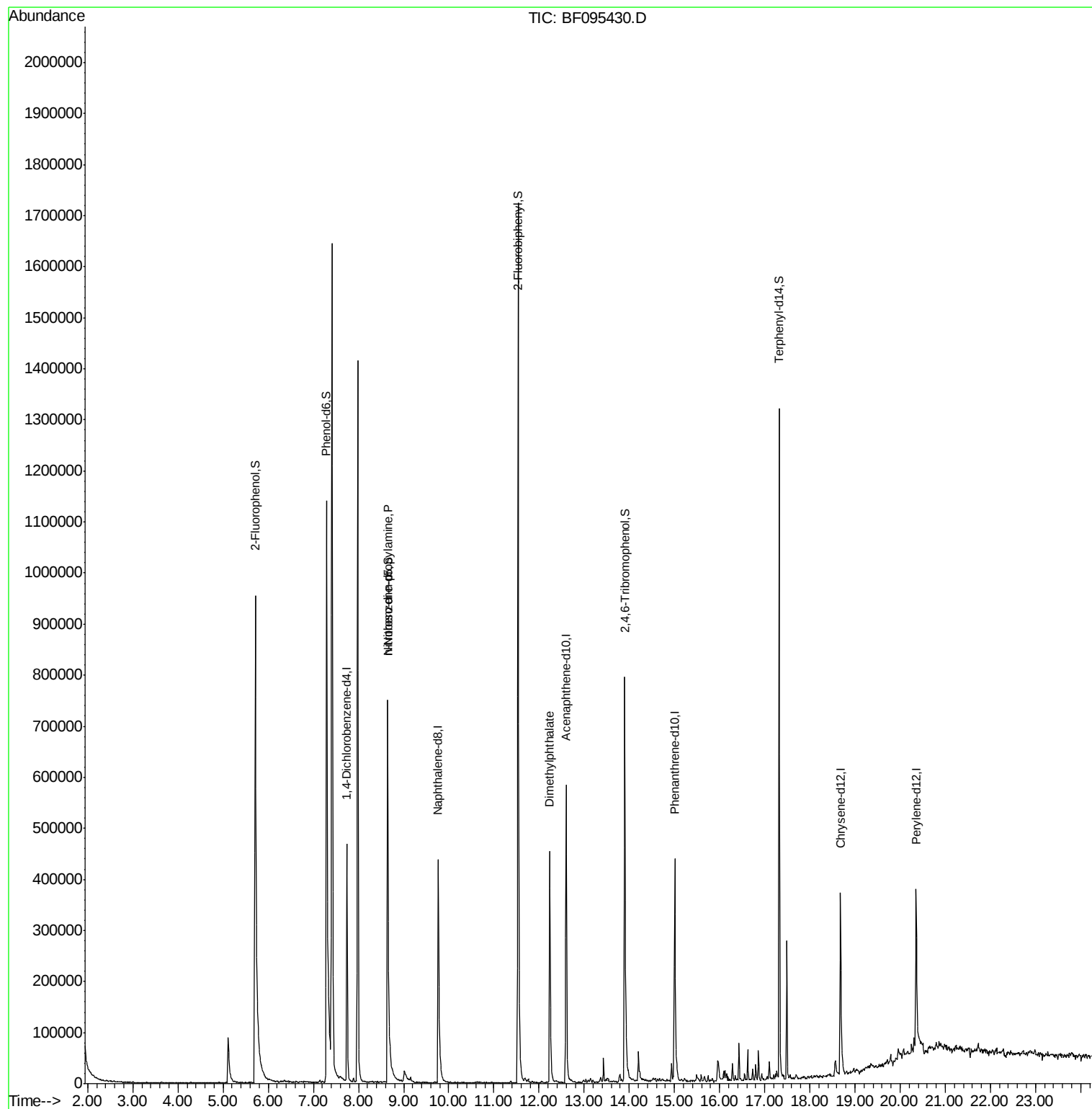
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	102485	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	432261	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	191650	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	300724	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	189973	20.00	ng	-0.02
86) Perylene-d12	20.36	264	178173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	735440	119.64	ng	-0.02
7) Phenol-d6	7.29	99	911515	123.59	ng	-0.02
23) Nitrobenzene-d5	8.65	82	502601	73.32	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	171898	109.52	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	935416	70.25	ng	-0.02
78) Terphenyl-d14	17.32	244	558337	64.73	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	59350	11.90	ng	Qvalue # 75
49) Dimethylphthalate	12.24	163	354758	22.55	ng	98

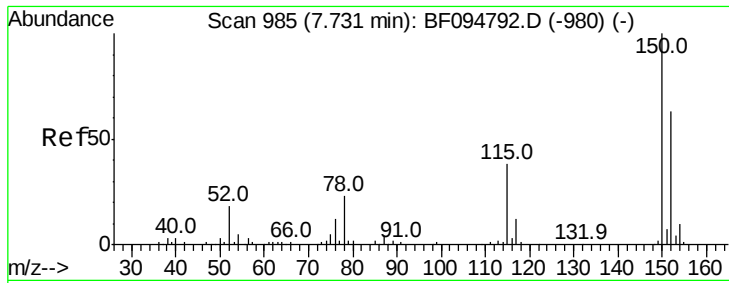
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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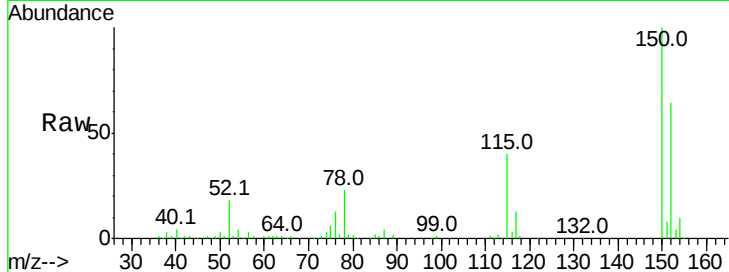


#1

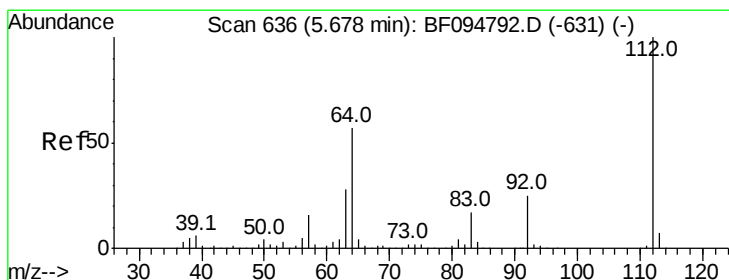
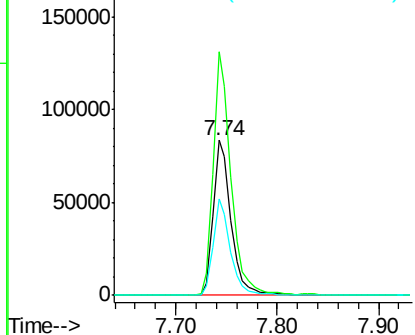
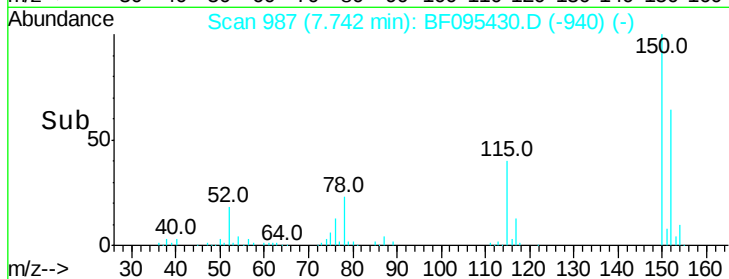
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095430.D
Acq: 25 May 2017 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102485
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 62.1 52.2 78.2



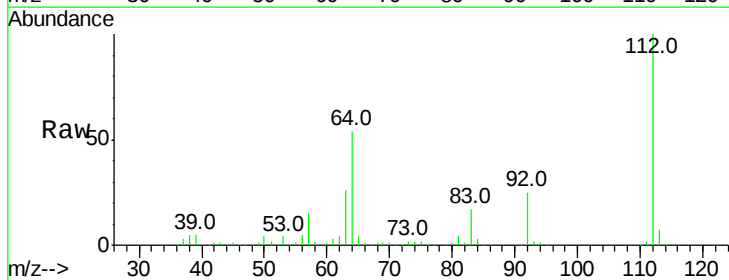
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



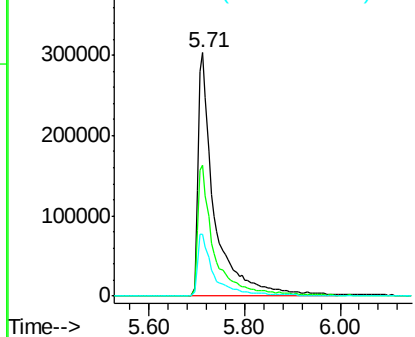
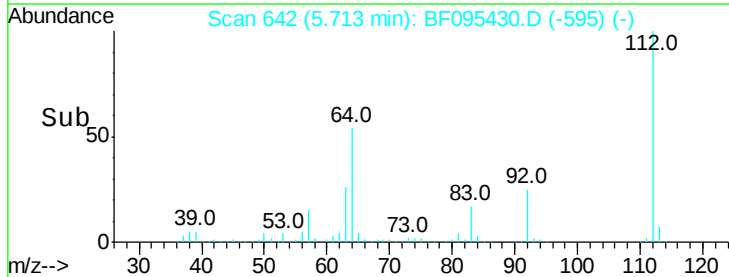
#5

2-Fluorophenol
Concen: 119.64 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095430.D
Acq: 25 May 2017 18:47

Tgt Ion:112 Resp: 735440
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 25.6 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: 123.59 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095430.D

Acq: 25 May 2017 18:47

Instrument :

BNA_F

ClientSampled :

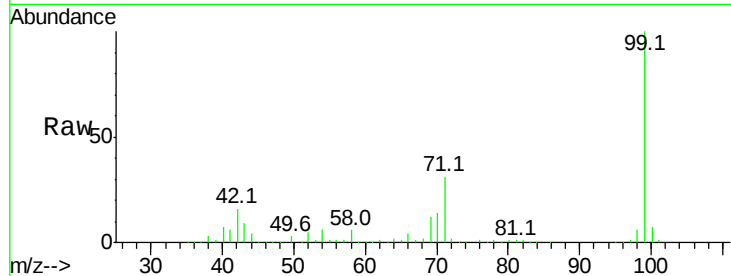
Tot Ion: 99 Resp: 911515

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

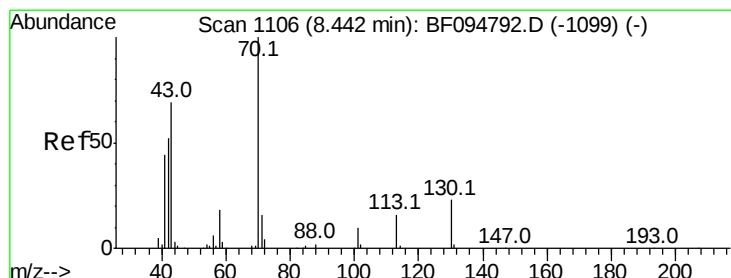
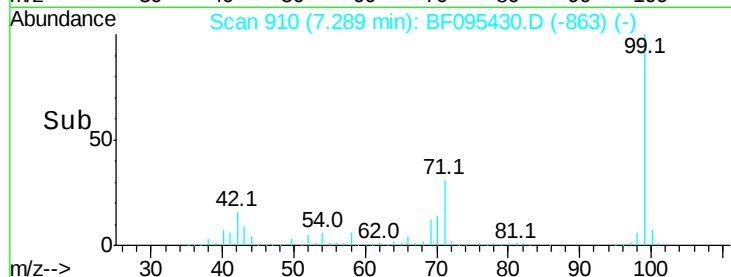
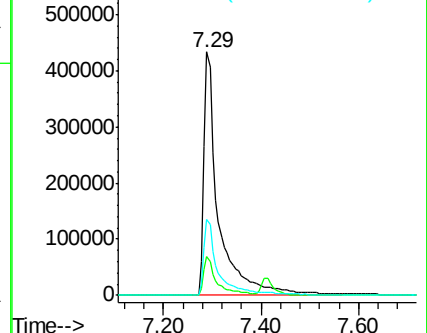
71 31.2 24.5 36.7



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: 11.90 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.17 min

Lab File: BF095430.D

Acq: 25 May 2017 18:47

Tgt Ion: 70 Resp: 59350

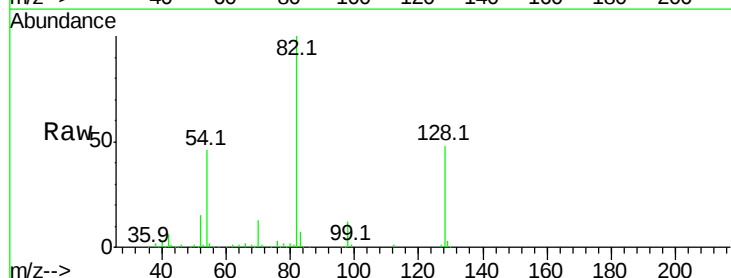
Ion Ratio Lower Upper

70 100

42 43.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

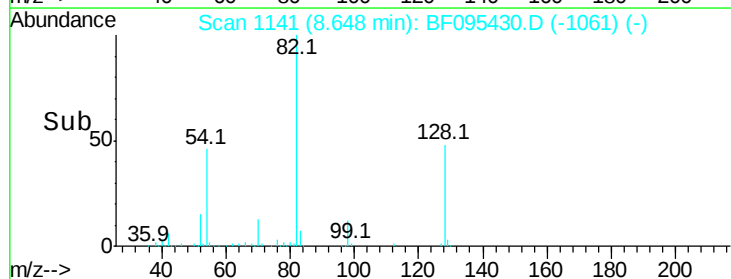
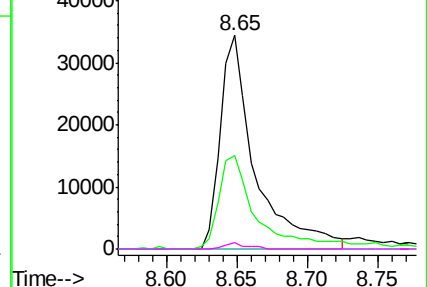


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095430.D

Acq: 25 May 2017 18:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 432261

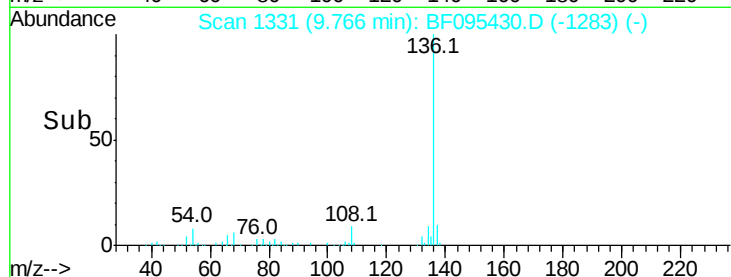
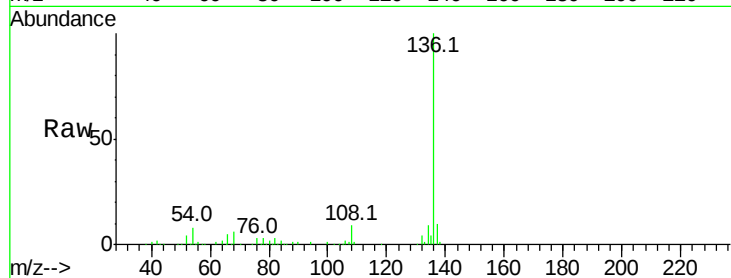
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.6 4.9 7.3#

68 5.7 4.1 6.1

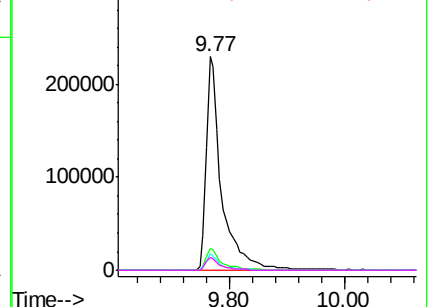


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.32 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095430.D

Acq: 25 May 2017 18:47

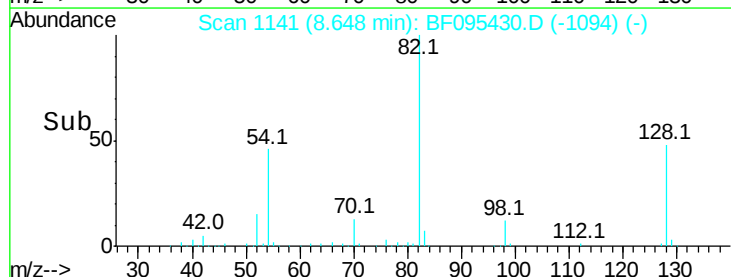
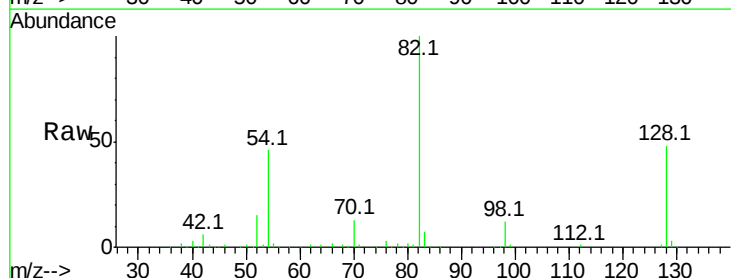
Tgt Ion: 82 Resp: 502601

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

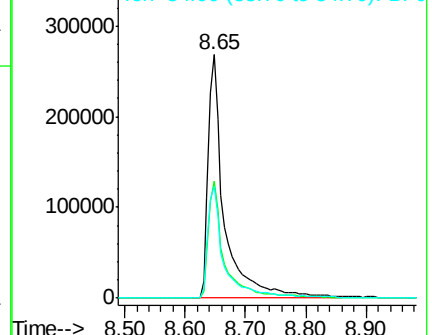
54 45.7 42.2 63.2



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: 12.60 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095430.D

Acq: 25 May 2017 18:47

Instrument :

BNA_F

ClientSampleId :

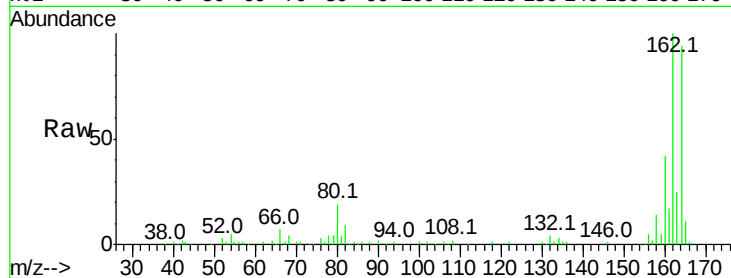
Tot Ion:164 Resp: 191650

Ion Ratio Lower Upper

164 100

162 105.9 82.6 123.8

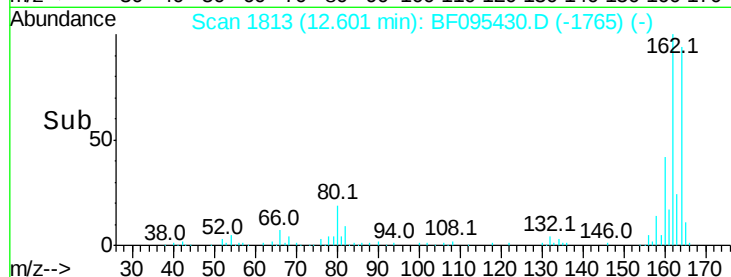
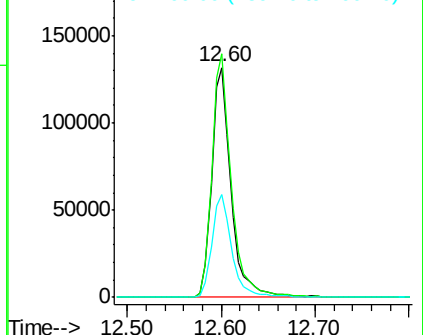
160 44.9 36.2 54.2



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: 109.52 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095430.D

Acq: 25 May 2017 18:47

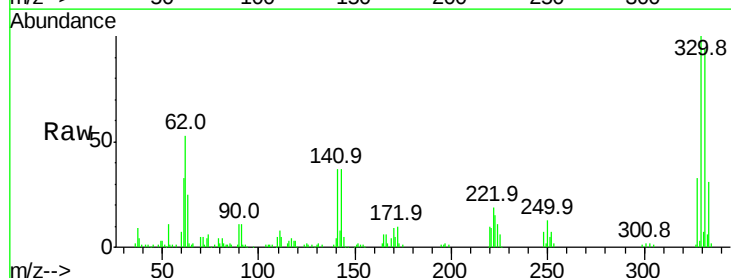
Tgt Ion:330 Resp: 171898

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

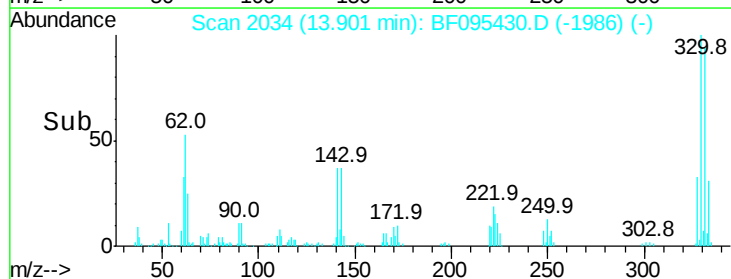
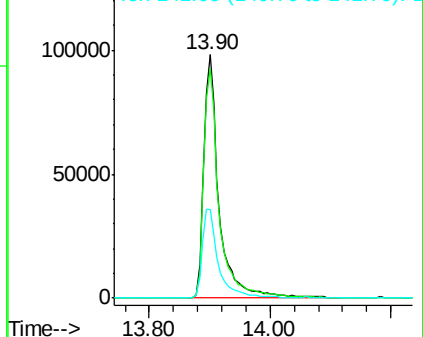
141 39.1 31.4 47.2



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

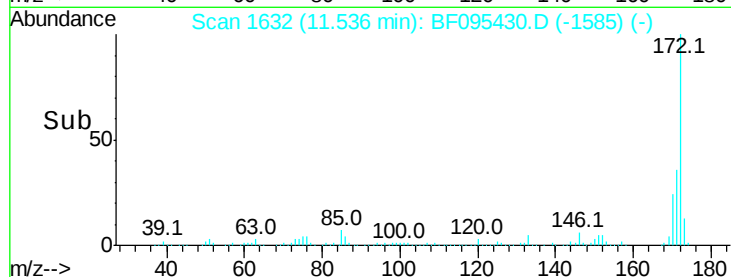
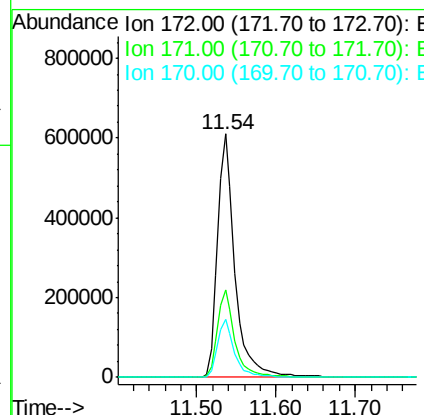
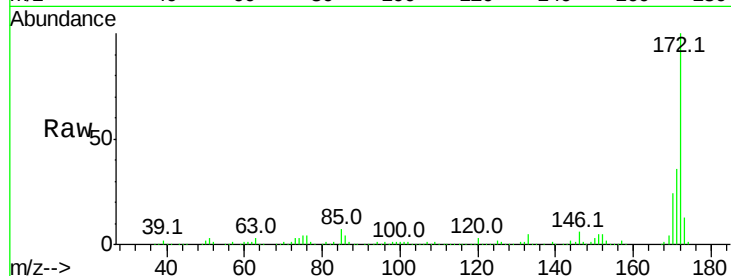




#44
 2-Fluorobiphenyl
 Concen: 70.25 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095430.D
 Acq: 25 May 2017 18:47

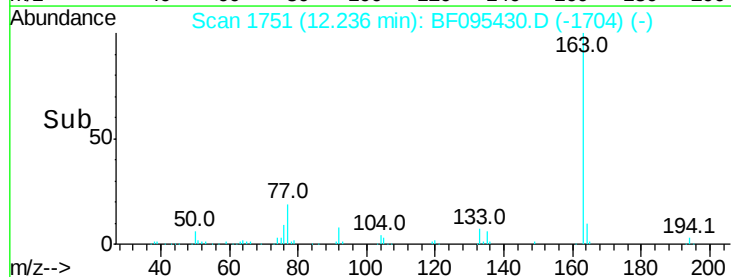
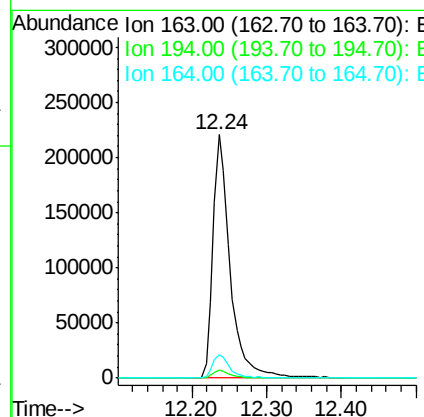
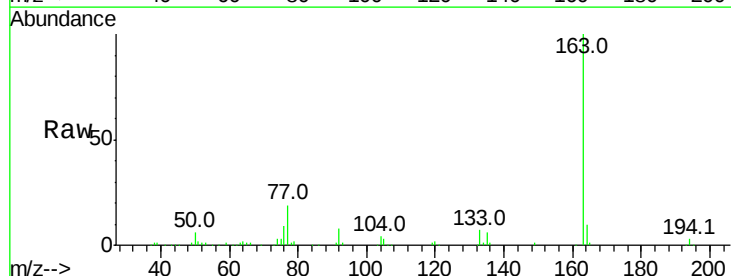
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8



#49
 Dimethylphthalate
 Concen: 22.55 ng
 RT: 12.24 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BF095430.D
 Acq: 25 May 2017 18:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.6	8.4	12.6

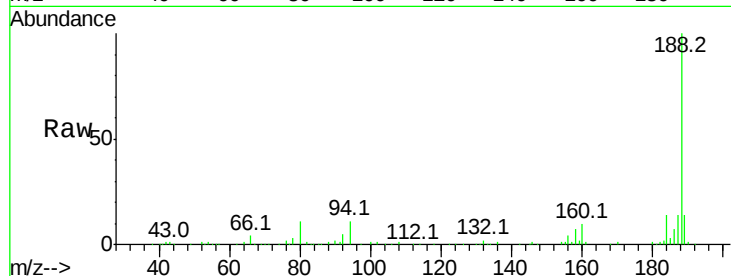




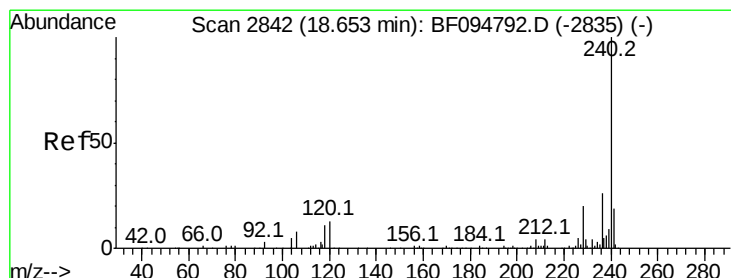
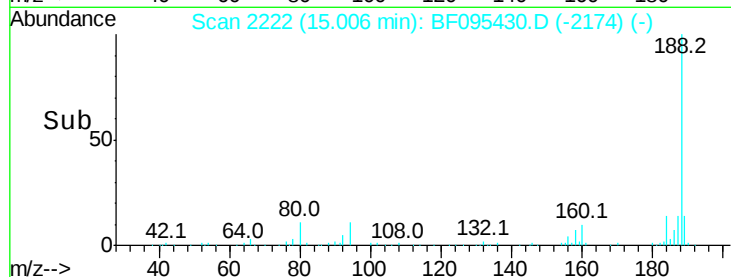
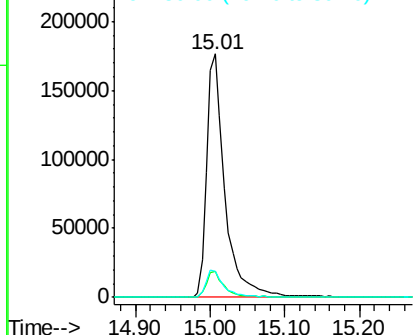
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095430.D
Acq: 25 May 2017 18:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 300724
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.6 10.2 15.2

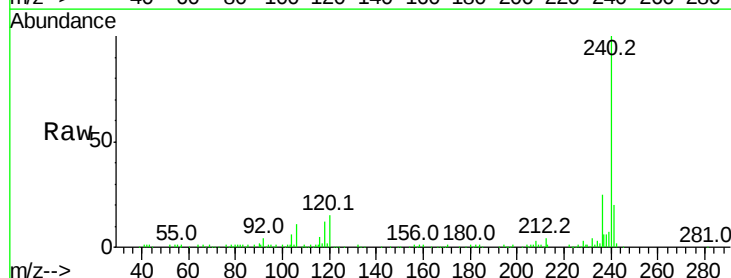


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

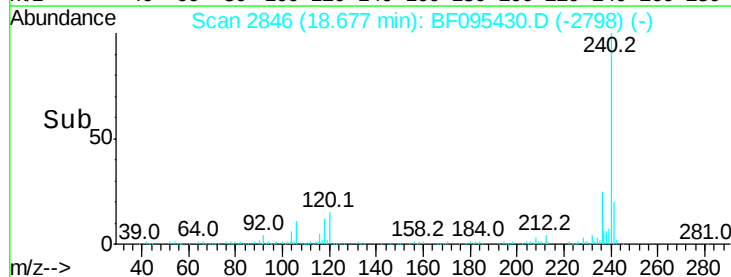
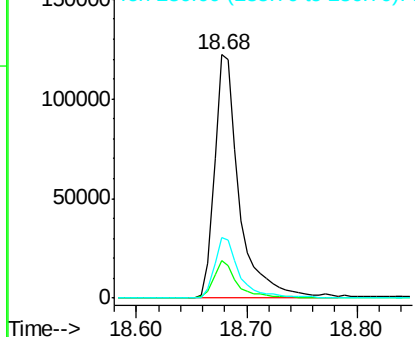


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095430.D
Acq: 25 May 2017 18:47

Tgt Ion:240 Resp: 189973
Ion Ratio Lower Upper
240 100
120 15.4 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: 64.73 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.03 min

Lab File: BF095430.D

Acq: 25 May 2017 18:47

Instrument :

BNA_F

ClientSampled :

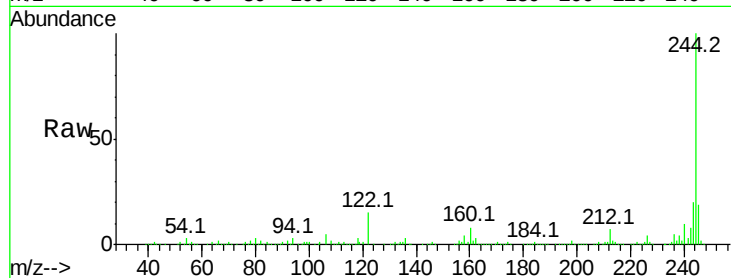
Tot Ion:244 Resp: 558337

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

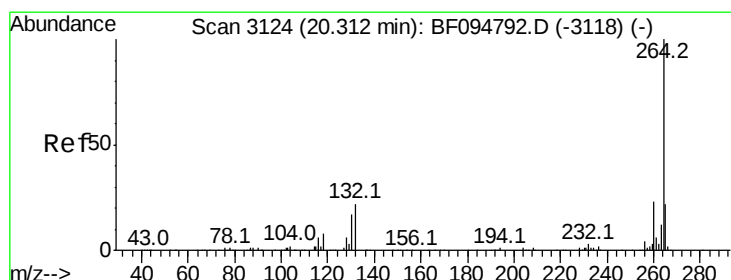
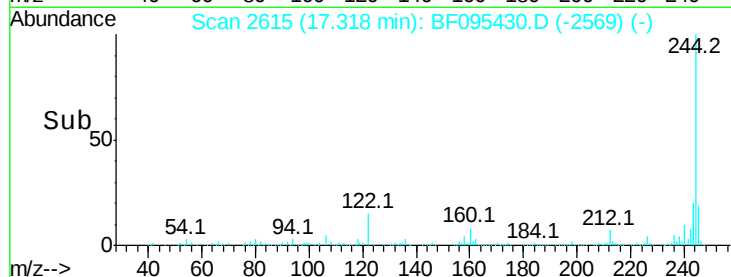
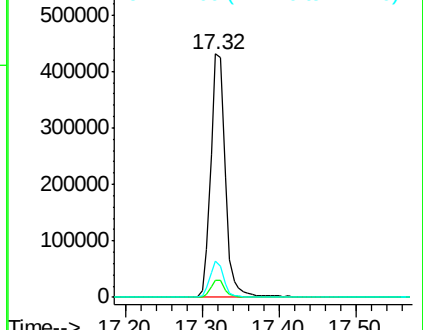
122 15.0 10.3 15.5



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# 3132

Delta R.T. -0.01 min

Lab File: BF095430.D

Acq: 25 May 2017 18:47

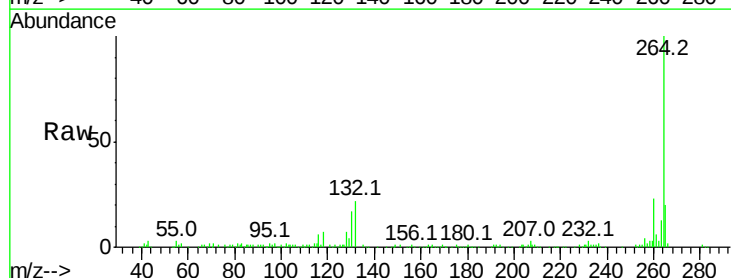
Tgt Ion:264 Resp: 178173

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 19.9 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

