

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095933.D
 Acq On : 14 Jun 2017 20:52
 Operator : SJ/MA
 Sample : I3614-07RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 01:08:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

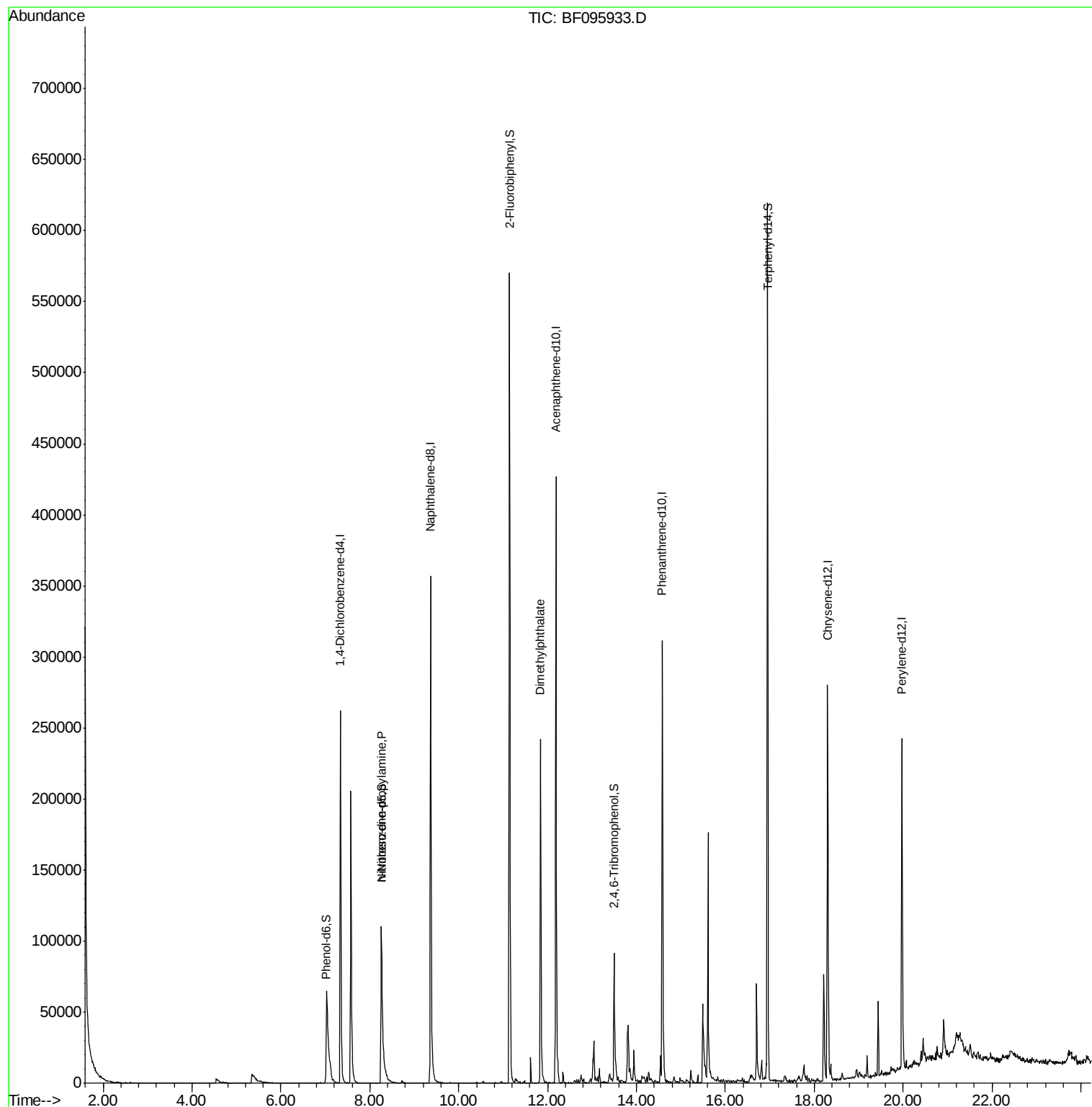
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69809	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	282370	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	119962	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	182889	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	145404	20.00	ng	-0.06
86) Perylene-d12	19.97	264	121278	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	3810	0.87	ng	0.06
7) Phenol-d6	7.02	99	11206	2.14	ng	0.06
23) Nitrobenzene-d5	8.26	82	104447	22.97	ng	-0.06
41) 2,4,6-Tribromophenol	13.49	330	22769	21.45	ng	-0.06
44) 2-Fluorobiphenyl	11.15	172	275998	32.02	ng	-0.07
78) Terphenyl-d14	16.95	244	227629	38.85	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.26	70	11780	3.54	ng	Qvalue # 77
49) Dimethylphthalate	11.84	163	162905	17.89	ng	100

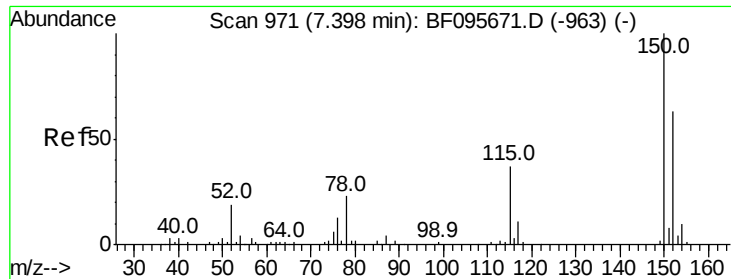
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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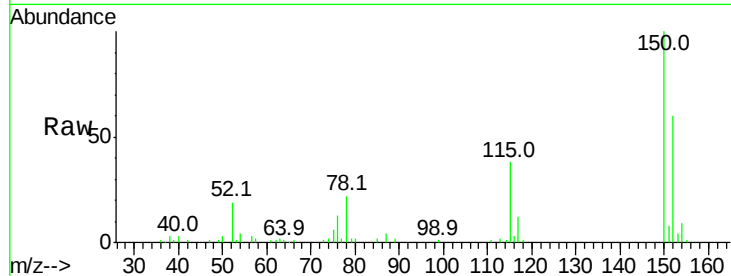


#1

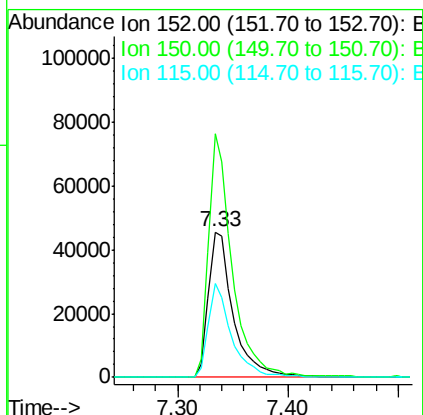
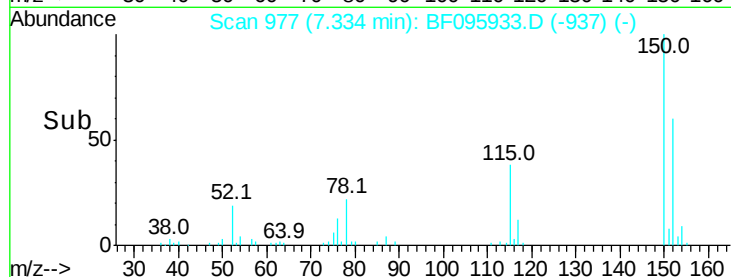
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095933.D
Acq: 14 Jun 2017 20:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 69809
Ion Ratio Lower Upper
152 100
150 167.9 126.2 189.2
115 64.6 52.2 78.2



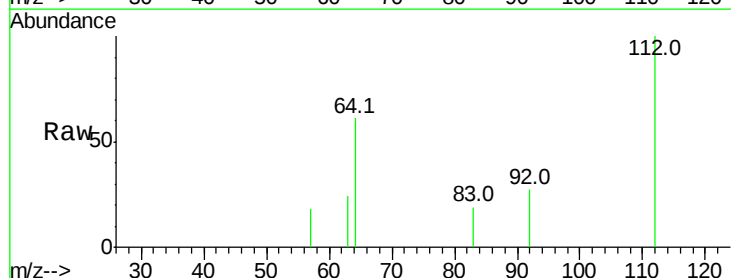
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



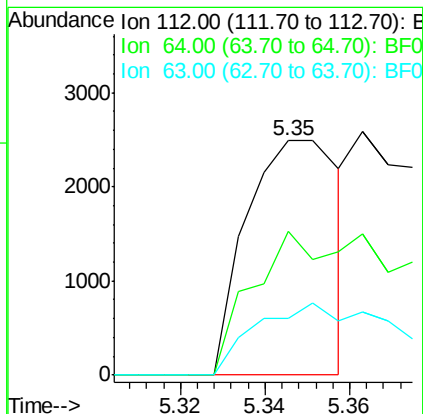
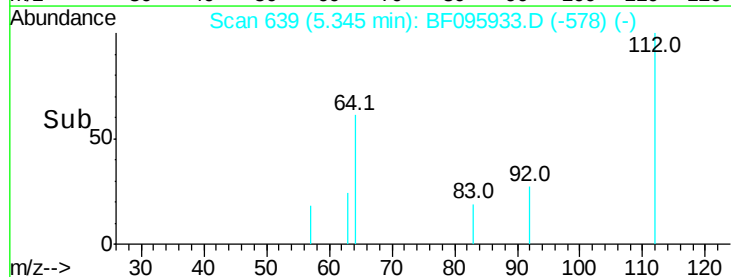
#5

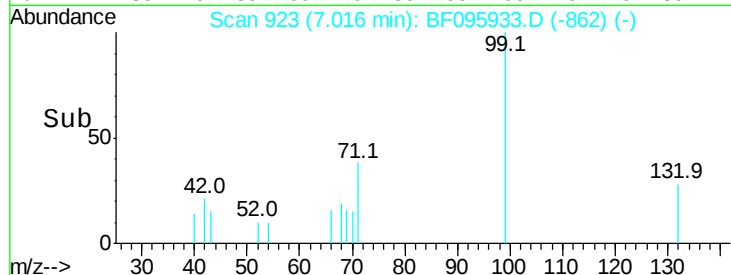
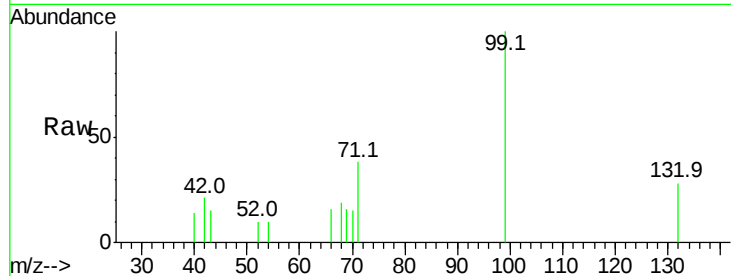
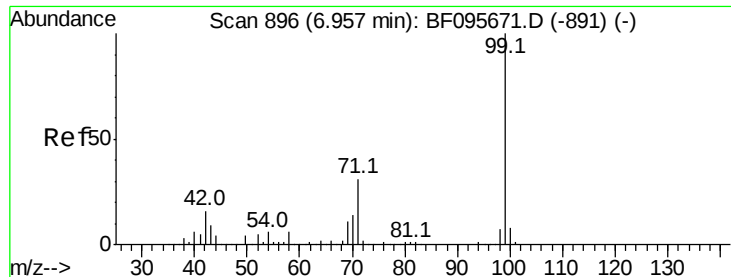
2-Fluorophenol
Concen: 0.87 ng
RT: 5.35 min Scan# 639
Delta R.T. 0.06 min
Lab File: BF095933.D
Acq: 14 Jun 2017 20:52

Tgt Ion:112 Resp: 3810
Ion Ratio Lower Upper
112 100
64 61.5 46.0 69.0
63 24.3 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: 2.14 ng

RT: 7.02 min Scan# 923

Delta R.T. 0.06 min

Lab File: BF095933.D

Acq: 14 Jun 2017 20:52

Instrument :

BNA_F

ClientSampleId :

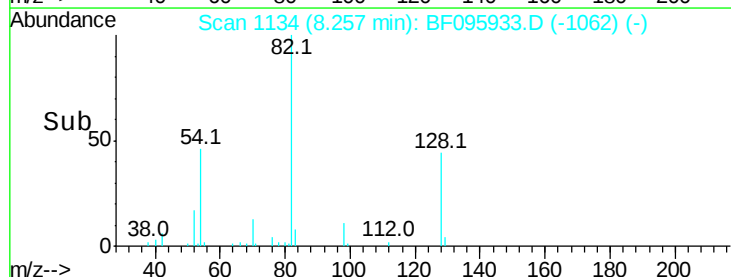
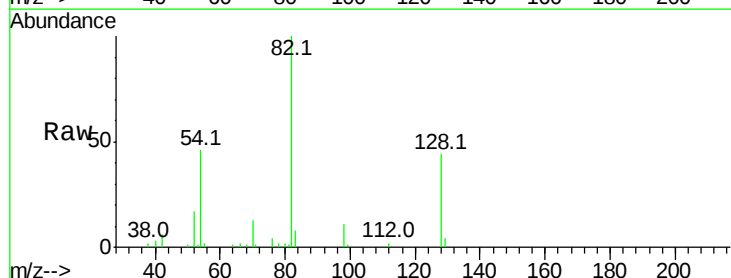
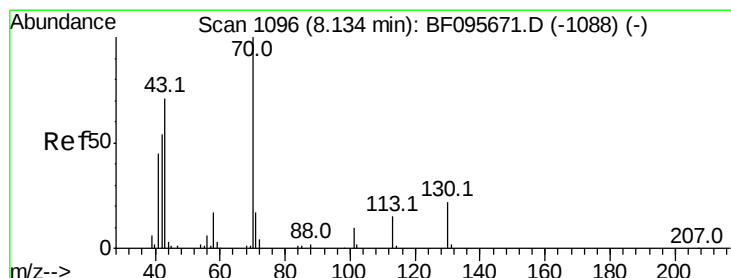
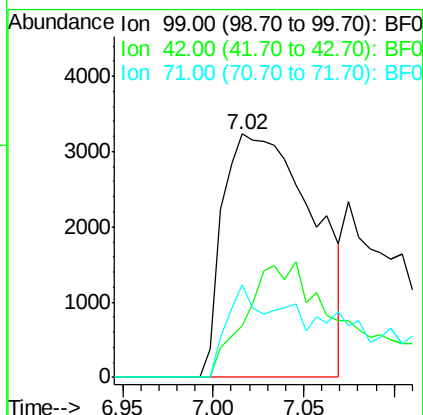
Tot Ion: 99 Resp: 11206

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

71 38.2 24.5 36.7#



#19

n-Nitroso-di-n-propylamine

Concen: 3.54 ng

RT: 8.26 min Scan# 1134

Delta R.T. 0.12 min

Lab File: BF095933.D

Acq: 14 Jun 2017 20:52

Tgt Ion: 70 Resp: 11780

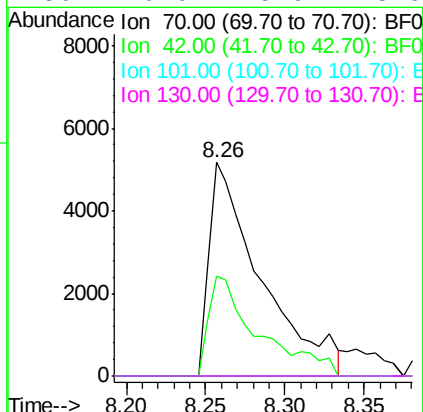
Ion Ratio Lower Upper

70 100

42 46.9 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095933.D

Acq: 14 Jun 2017 20:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 282370

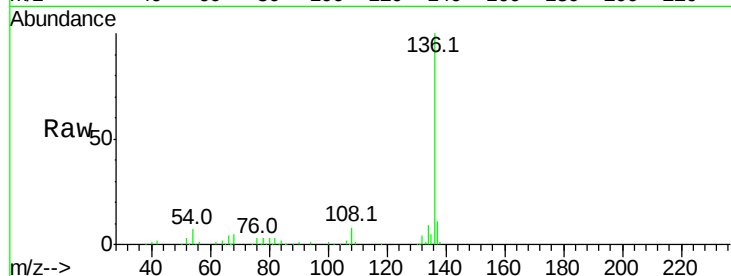
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.5 4.9 7.3

68 5.3 4.1 6.1

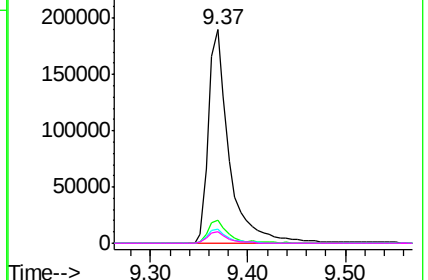
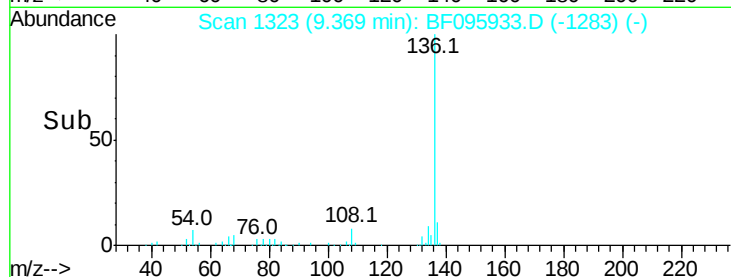


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.97 ng

RT: 8.26 min Scan# 1134

Delta R.T. -0.06 min

Lab File: BF095933.D

Acq: 14 Jun 2017 20:52

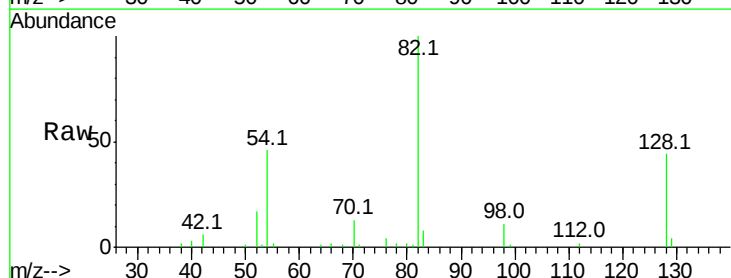
Tgt Ion: 82 Resp: 104447

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

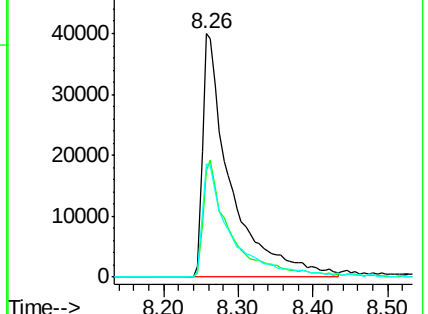
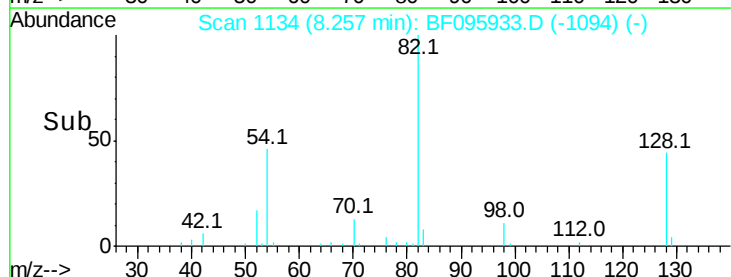
54 46.2 42.2 63.2



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: 12.19 min Scan# 1802

Delta R.T. -0.07 min

Lab File: BF095933.D

Acq: 14 Jun 2017 20:52

Instrument :

BNA_F

ClientSampleId :

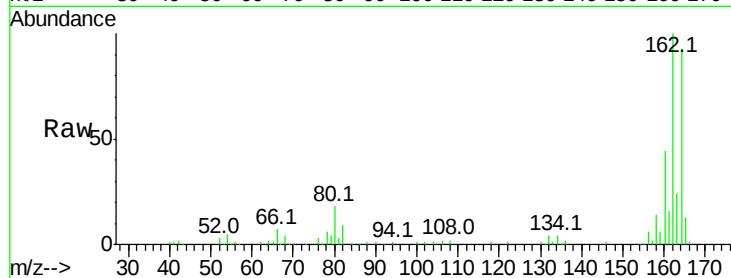
Tot Ion:164 Resp: 119962

Ion Ratio Lower Upper

164 100

162 107.2 82.6 123.8

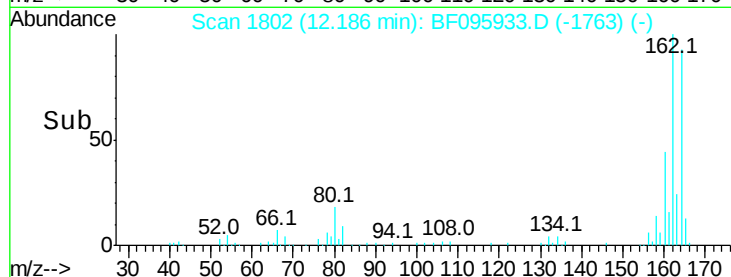
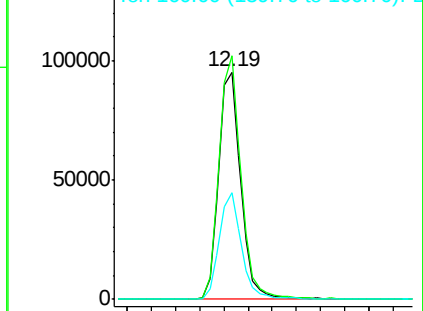
160 47.2 36.2 54.2



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: 21.45 ng

RT: 13.49 min Scan# 2024

Delta R.T. -0.06 min

Lab File: BF095933.D

Acq: 14 Jun 2017 20:52

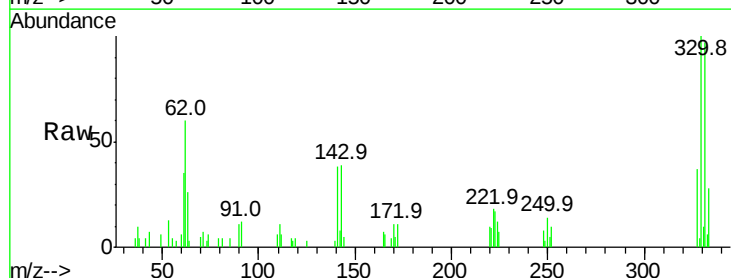
Tgt Ion:330 Resp: 22769

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

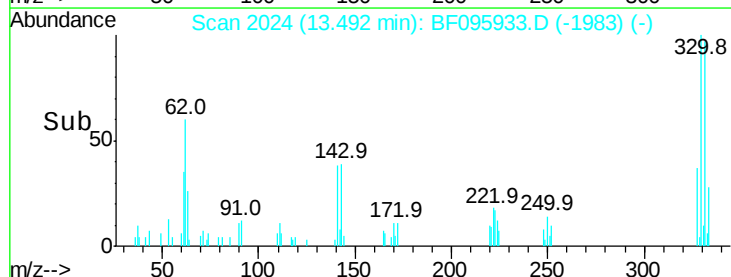
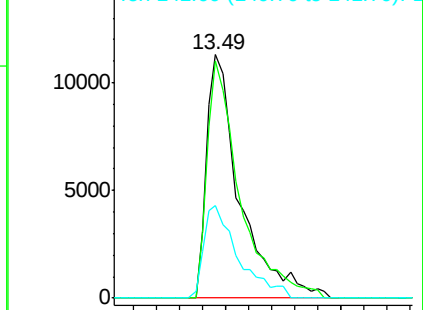
141 39.6 31.4 47.2

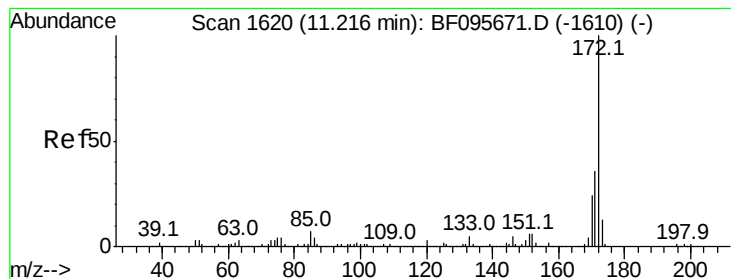


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 32.02 ng

RT: 11.15 min Scan# 1625

Delta R.T. -0.07 min

Lab File: BF095933.D

Acq: 14 Jun 2017 20:52

Instrument :

BNA_F

ClientSampled :

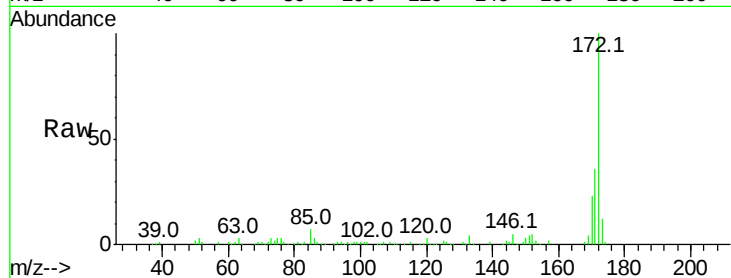
Tot Ion:172 Resp: 275998

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

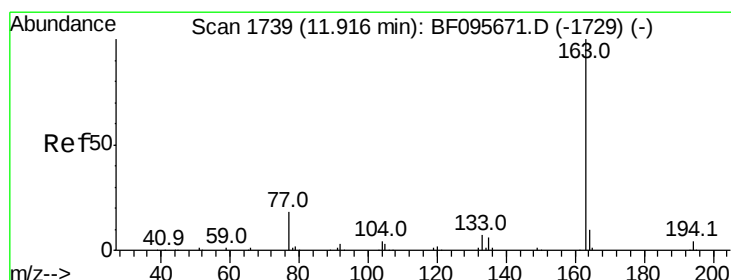
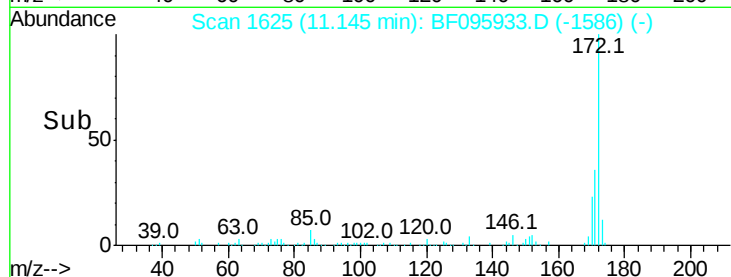
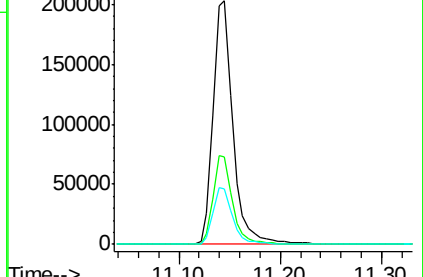
170 22.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 17.89 ng

RT: 11.84 min Scan# 1743

Delta R.T. -0.08 min

Lab File: BF095933.D

Acq: 14 Jun 2017 20:52

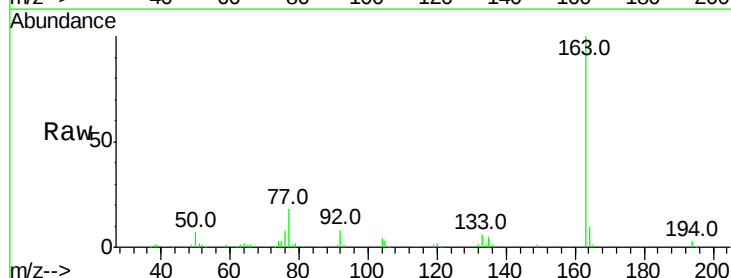
Tgt Ion:163 Resp: 162905

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

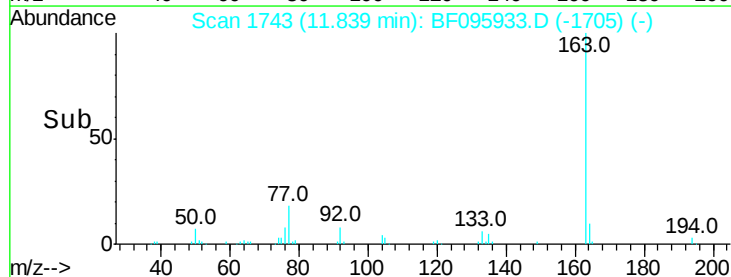
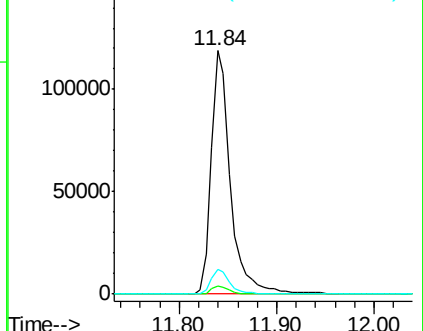
164 10.3 8.4 12.6

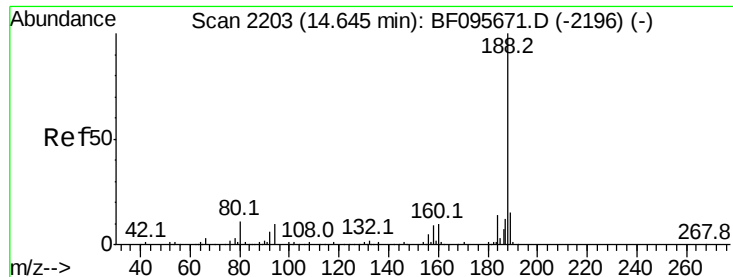


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

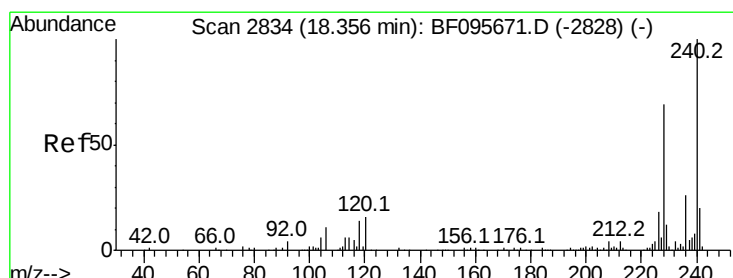
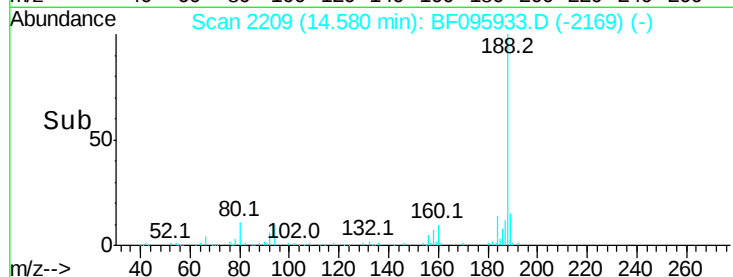
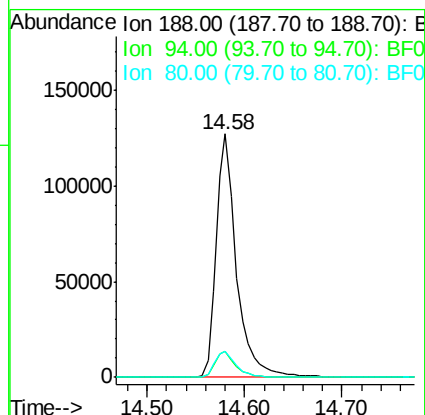
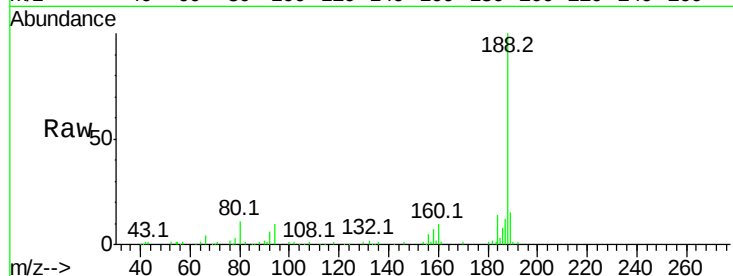




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095933.D
Acq: 14 Jun 2017 20:52

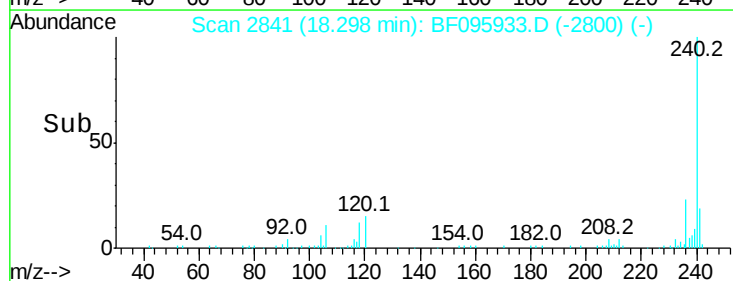
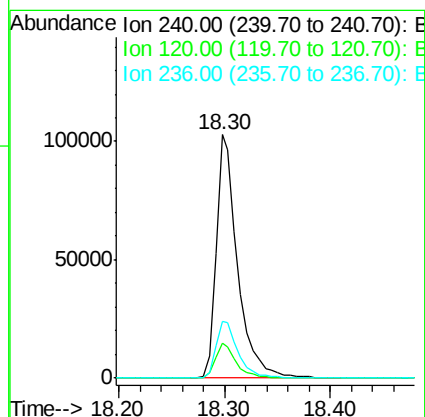
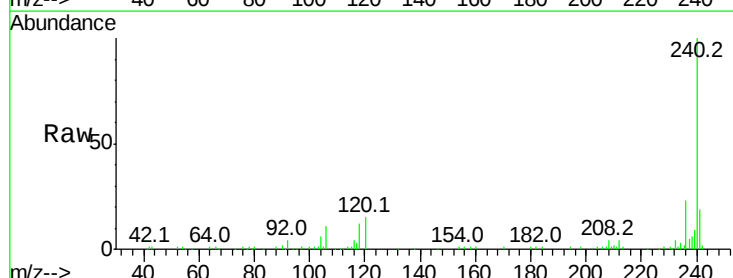
Instrument :
BNA_F
ClientSampleId :

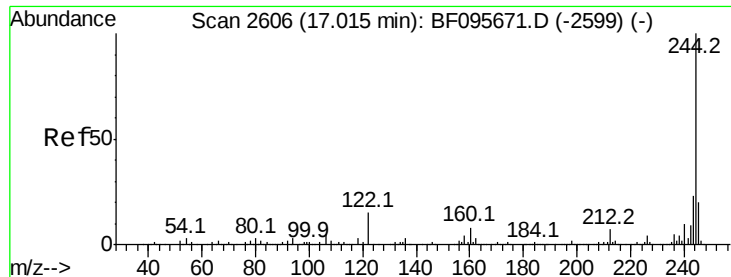
Tot Ion:188 Resp: 182889
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2841
Delta R.T. -0.06 min
Lab File: BF095933.D
Acq: 14 Jun 2017 20:52

Tgt Ion:240 Resp: 145404
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 23.3 20.5 30.7

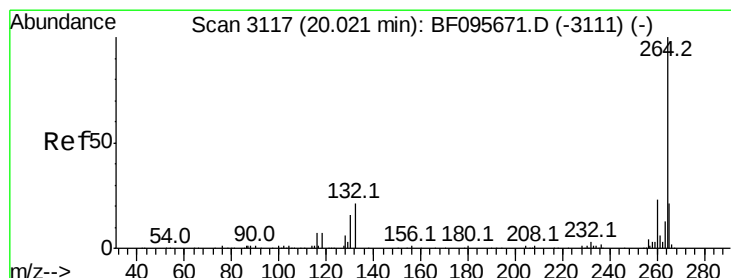
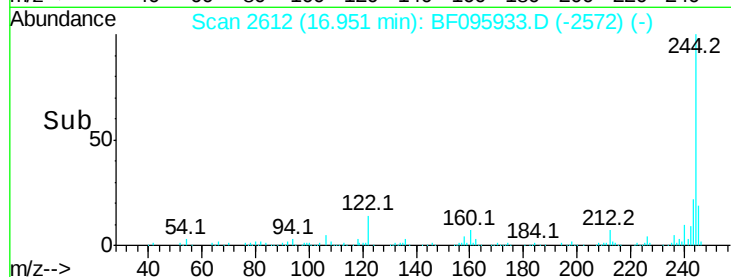
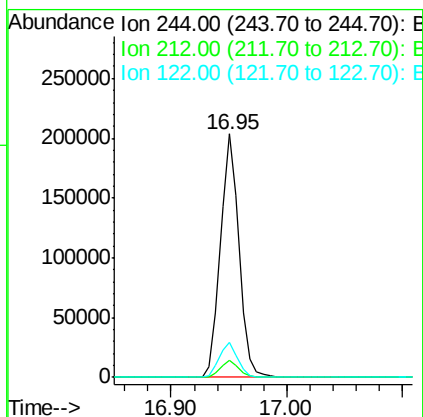
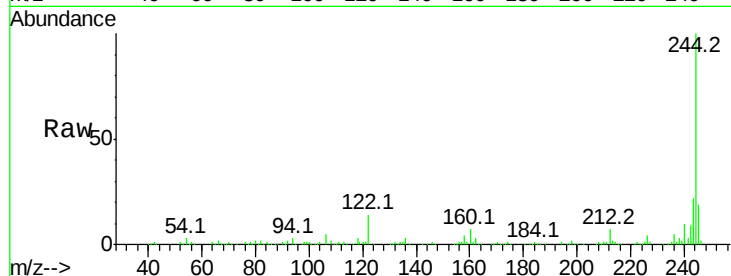




#78
 Terphenyl-d14
 Concen: 38.85 ng
 RT: 16.95 min Scan# 2612
 Delta R.T. -0.06 min
 Lab File: BF095933.D
 Acq: 14 Jun 2017 20:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 227629
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.97 min Scan# 3125
 Delta R.T. -0.05 min
 Lab File: BF095933.D
 Acq: 14 Jun 2017 20:52

Tgt Ion:264 Resp: 121278
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 21.5 17.2 25.8

