

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095410.D
 Acq On : 25 May 2017 6:09
 Operator : SJ/MA
 Sample : I3269-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 08:15:13 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

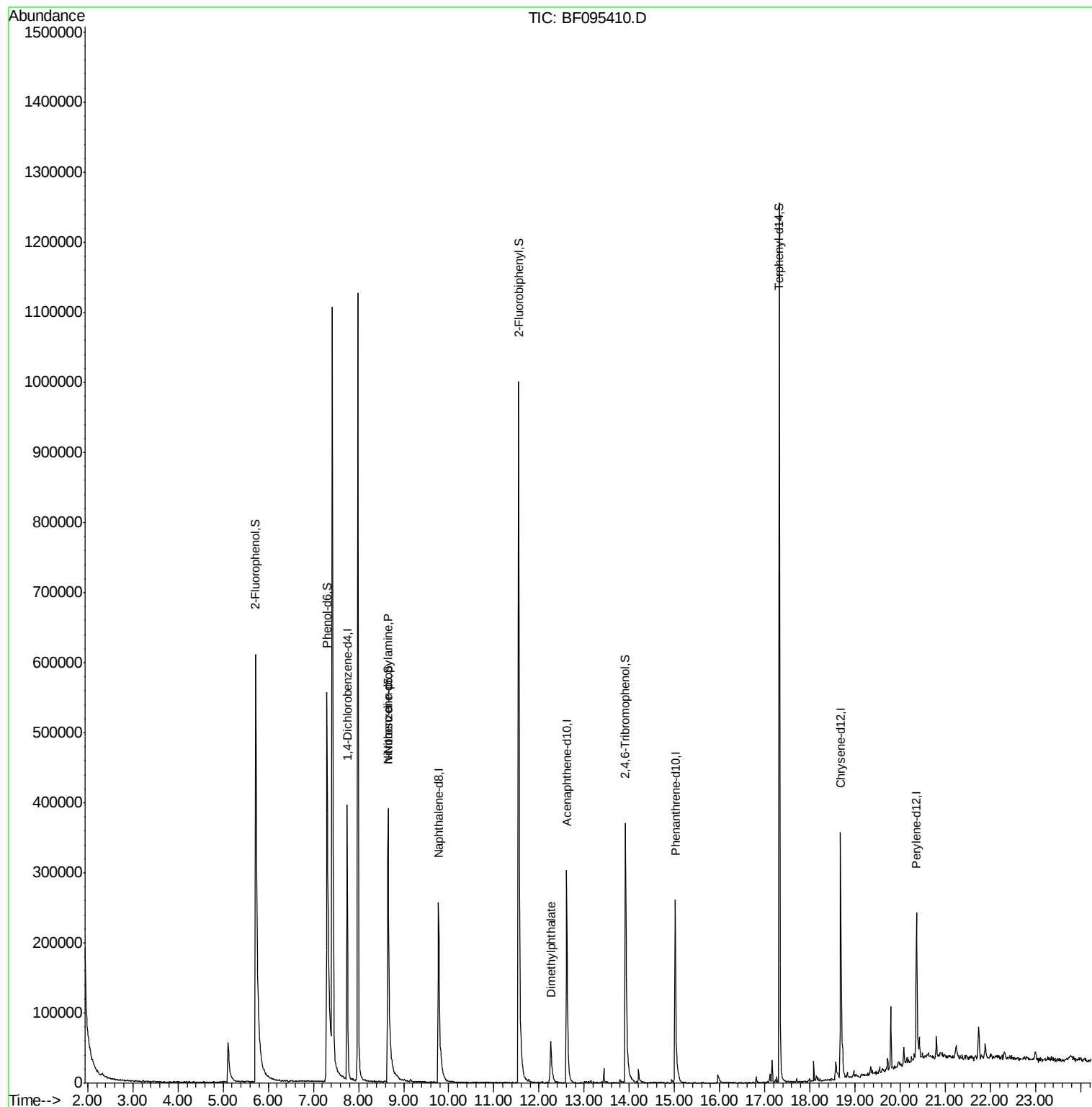
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	87248	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	332662	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	126749	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	214632	20.00	ng	0.00
75) Chrysene-d12	18.68	240	190116	20.00	ng	-0.01
86) Perylene-d12	20.36	264	126232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	546992	104.52	ng	-0.02
7) Phenol-d6	7.30	99	618955	98.58	ng	-0.01
23) Nitrobenzene-d5	8.65	82	340866	64.61	ng	-0.02
41) 2,4,6-Tribromophenol	13.92	330	102991	99.22	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	690304	78.39	ng	-0.01
78) Terphenyl-d14	17.32	244	536370	62.14	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	36573	8.61	ng	Qvalue # 78
49) Dimethylphthalate	12.26	163	81027	7.79	ng	98

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

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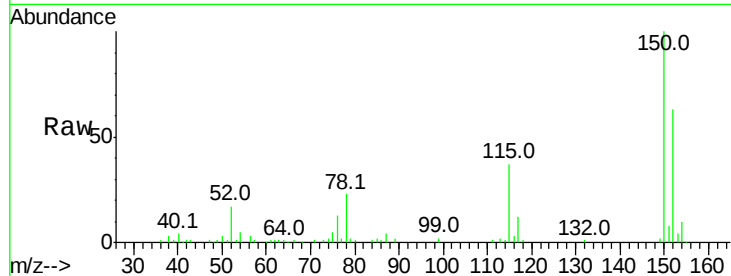


#1

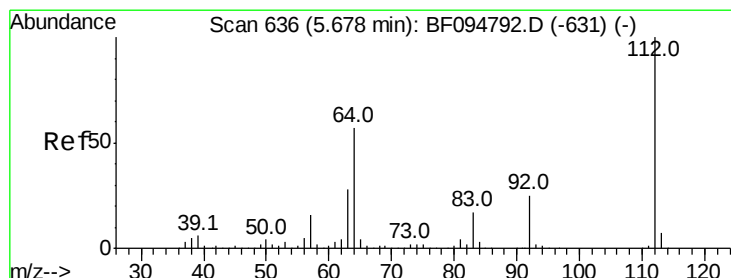
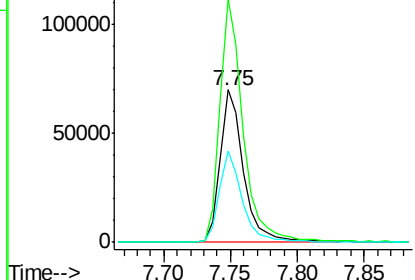
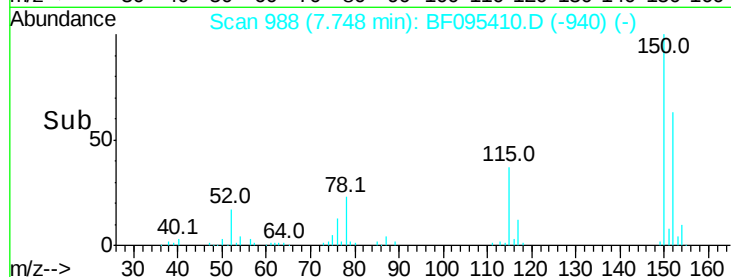
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF095410.D
 Acq: 25 May 2017 6:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 87248
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.2 189.2
 115 59.9 52.2 78.2



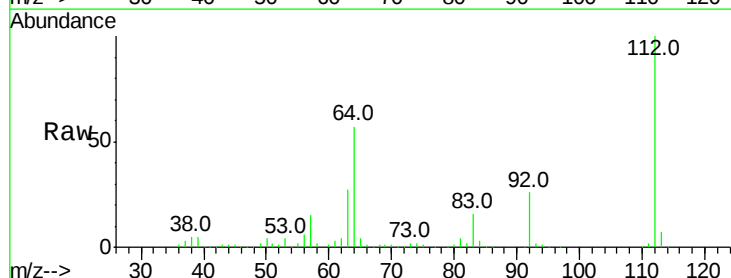
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



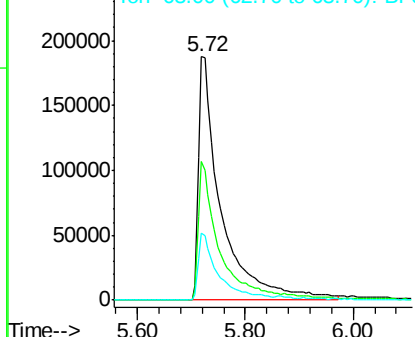
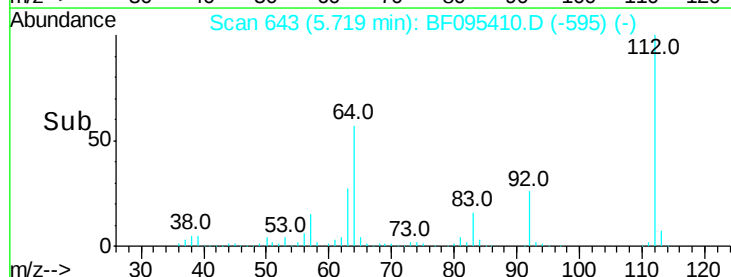
#5

2-Fluorophenol
 Concen: 104.52 ng
 RT: 5.72 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF095410.D
 Acq: 25 May 2017 6:09

Tgt Ion:112 Resp: 546992
 Ion Ratio Lower Upper
 112 100
 64 56.8 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: 98.58 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095410.D

Acq: 25 May 2017 6:09

Instrument :

BNA_F

ClientSampled :

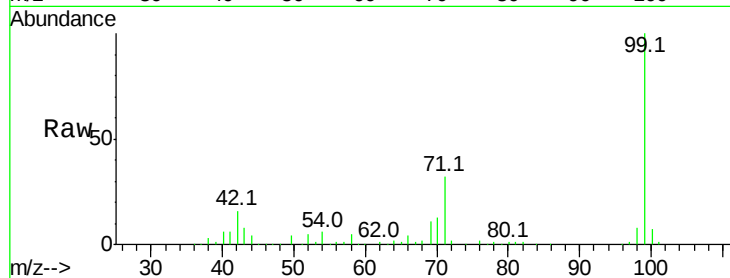
Tot Ion: 99 Resp: 618955

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

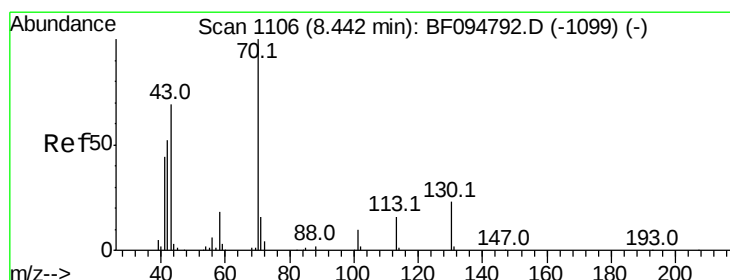
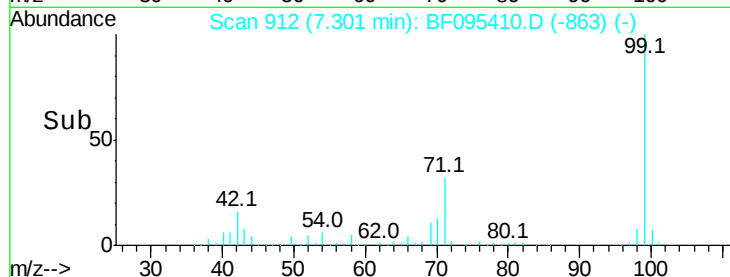
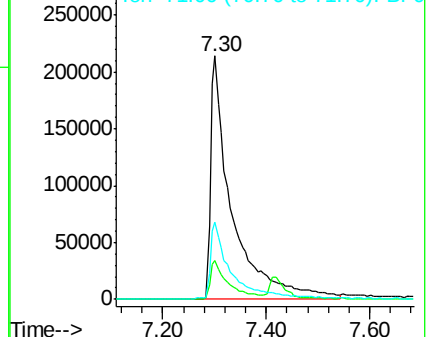
71 31.5 24.5 36.7



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: 8.61 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095410.D

Acq: 25 May 2017 6:09

Tgt Ion: 70 Resp: 36573

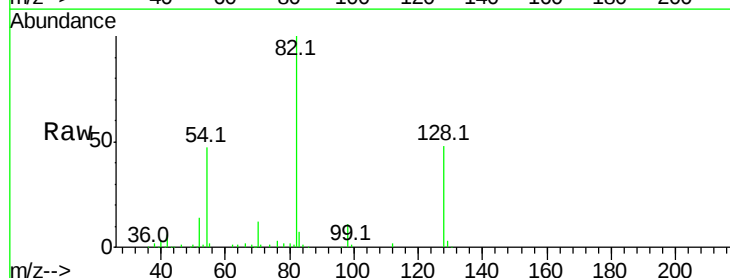
Ion Ratio Lower Upper

70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

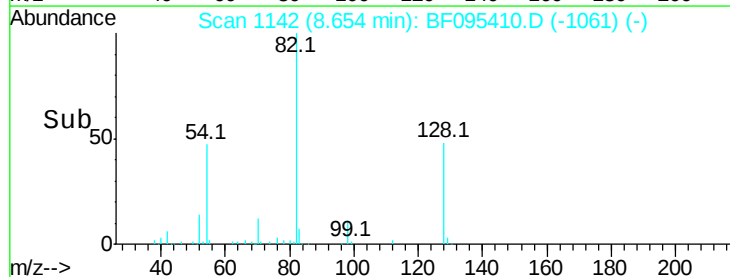
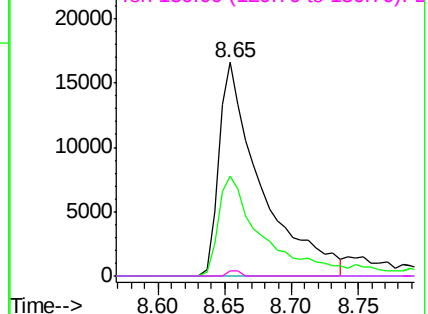


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

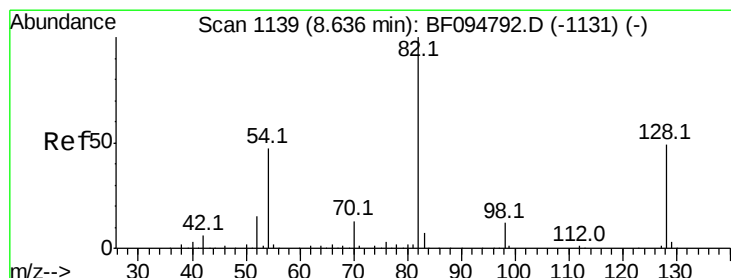
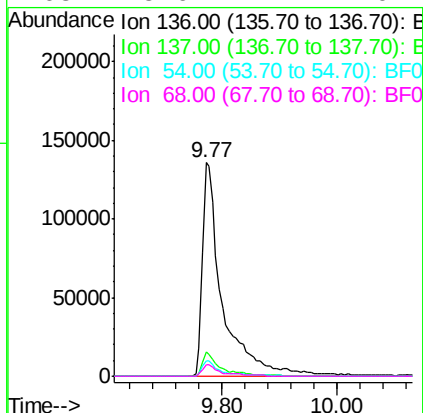
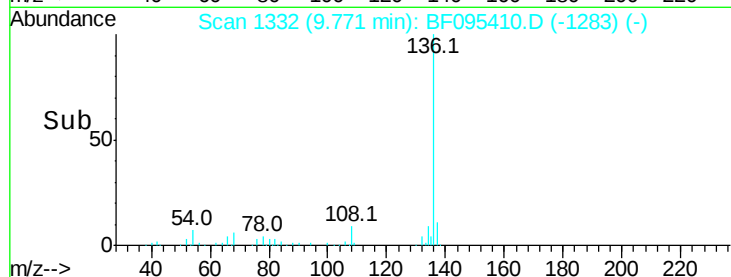
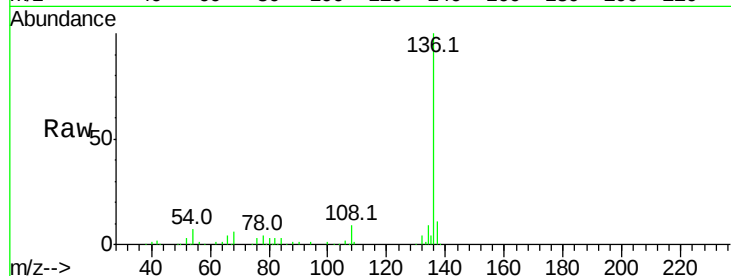




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095410.D
Acq: 25 May 2017 6:09

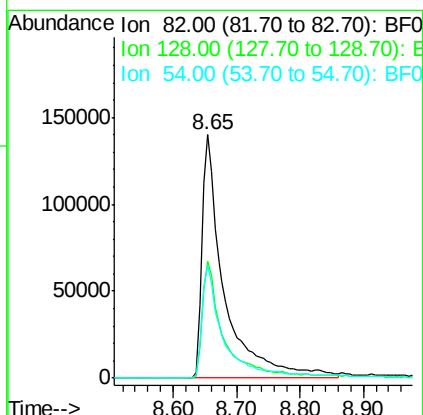
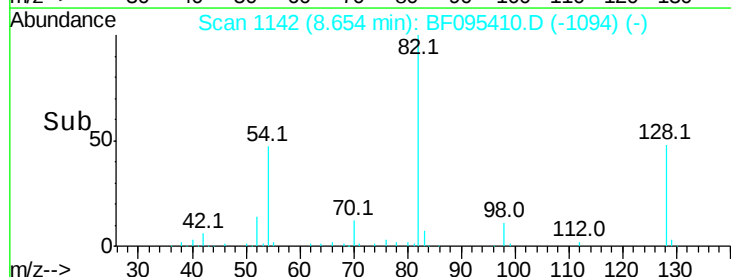
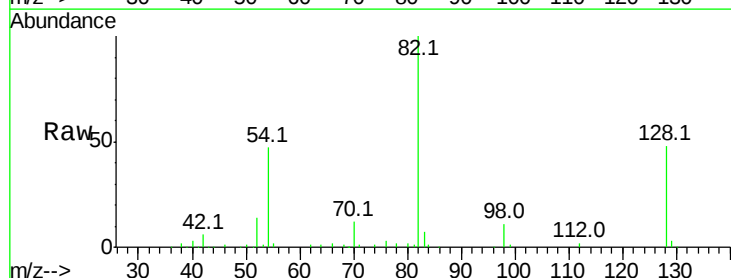
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	332662
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.3	4.9 7.3
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 64.61 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095410.D
Acq: 25 May 2017 6:09

Tgt Ion: 82	Resp:	340866
Ion Ratio	Lower	Upper
82	100	
128	48.1	34.0 51.0
54	46.5	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095410.D

Acq: 25 May 2017 6:09

Instrument :

BNA_F

ClientSampled :

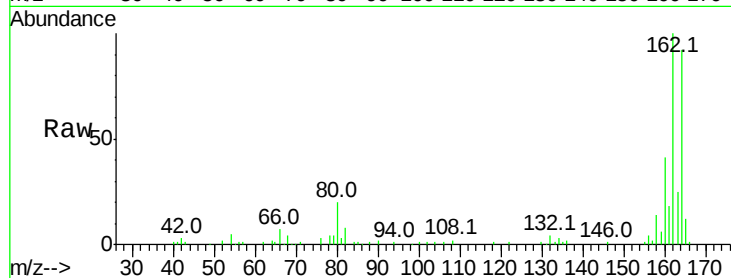
Tot Ion:164 Resp: 126749

Ion Ratio Lower Upper

164 100

162 108.7 82.6 123.8

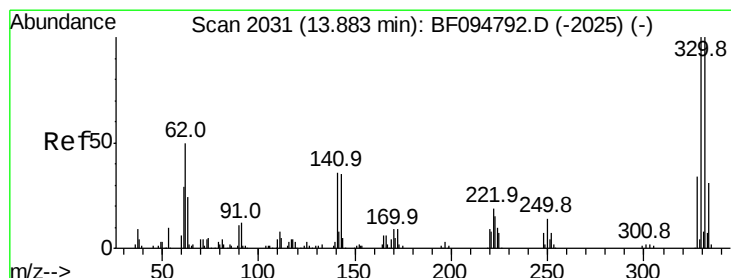
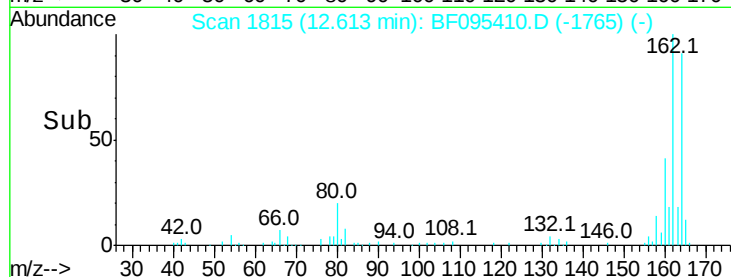
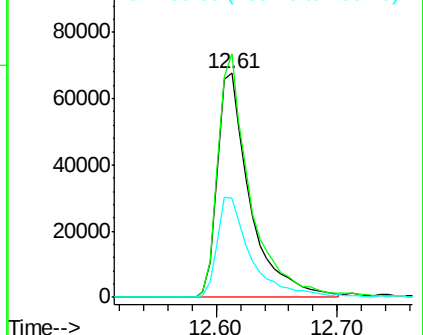
160 44.1 36.2 54.2



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: 99.22 ng

RT: 13.92 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF095410.D

Acq: 25 May 2017 6:09

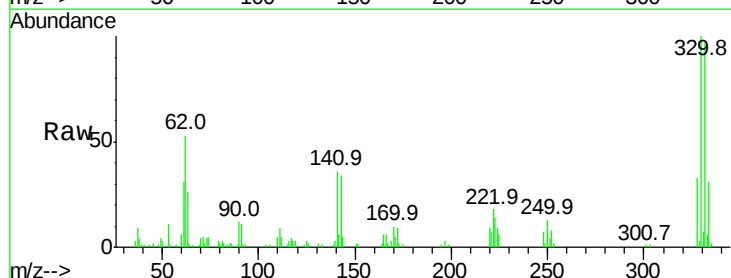
Tgt Ion:330 Resp: 102991

Ion Ratio Lower Upper

330 100

332 94.3 76.6 115.0

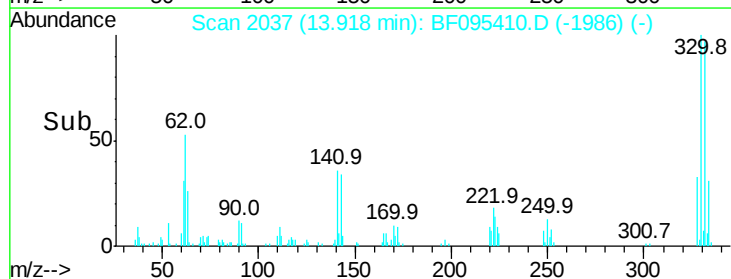
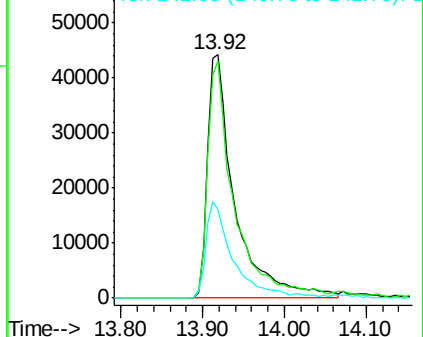
141 39.5 31.4 47.2



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

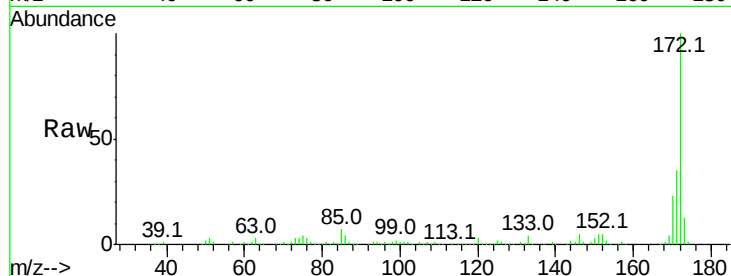




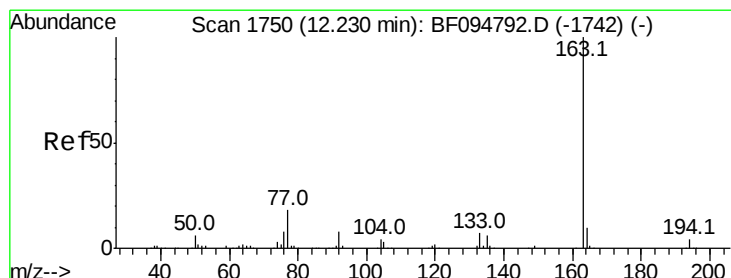
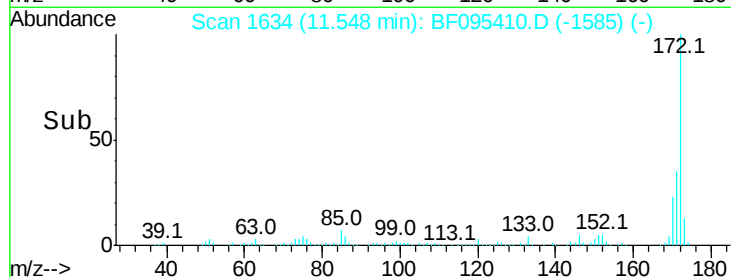
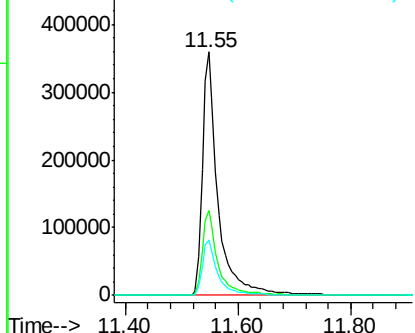
#44
2-Fluorobiphenyl
Concen: 78.39 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095410.D
Acq: 25 May 2017 6:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 690304
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.0 19.8 29.8

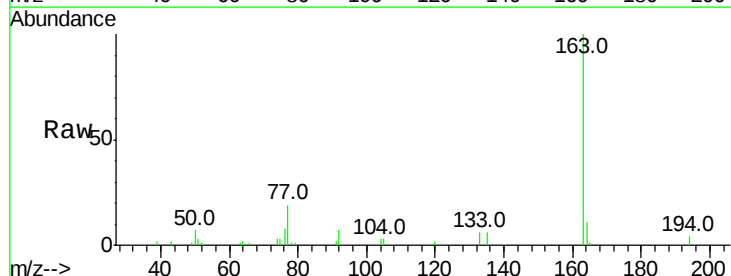


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

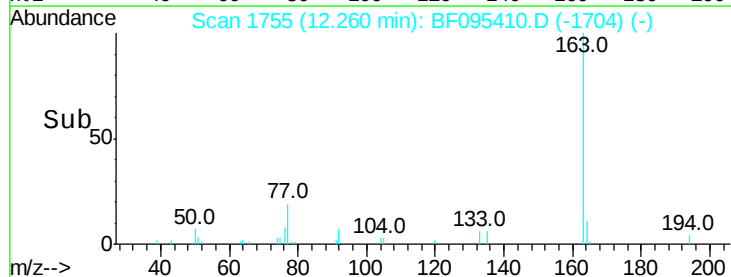
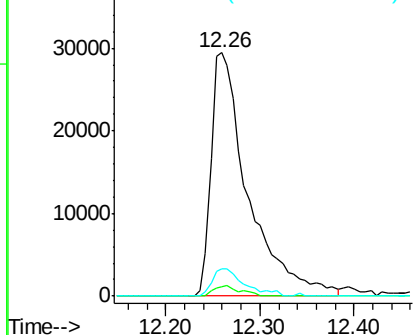


#49
Dimethylphthalate
Concen: 7.79 ng
RT: 12.26 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF095410.D
Acq: 25 May 2017 6:09

Tgt Ion:163 Resp: 81027
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 11.2 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

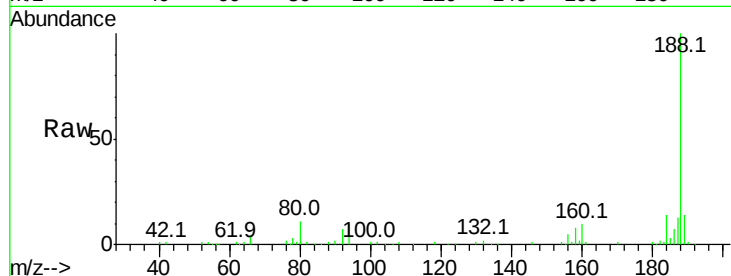




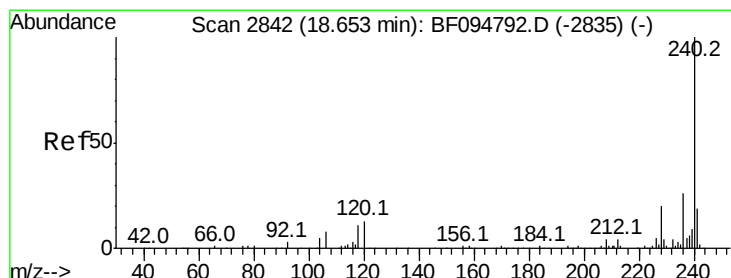
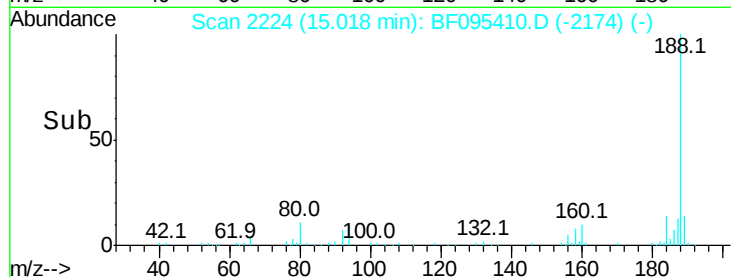
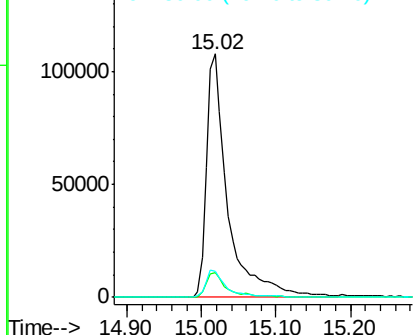
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095410.D
 Acq: 25 May 2017 6:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:188 Resp: 214632
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.7 10.2 15.2

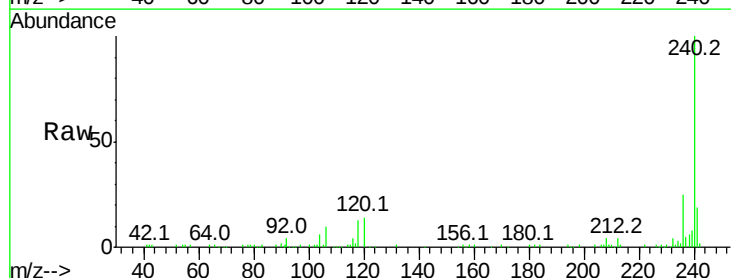


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

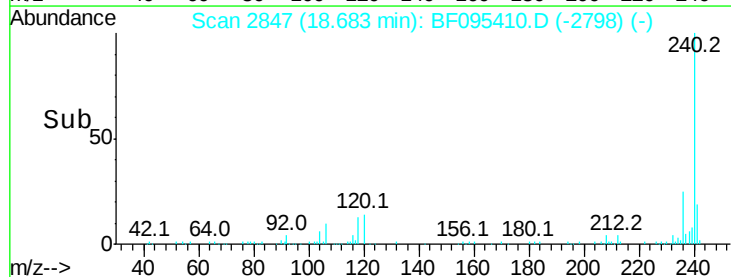
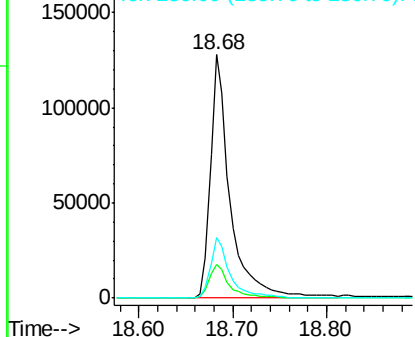


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095410.D
 Acq: 25 May 2017 6:09

Tgt Ion:240 Resp: 190116
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.8 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: 62.14 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095410.D

Acq: 25 May 2017 6:09

Instrument :

BNA_F

ClientSampleId :

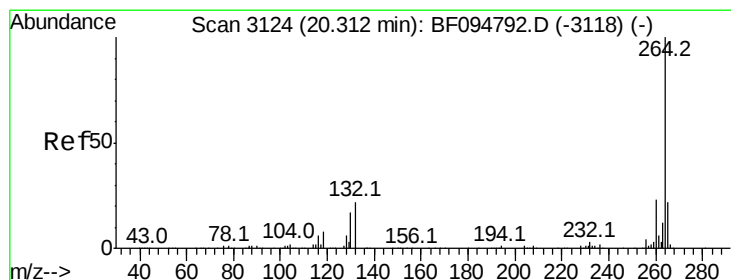
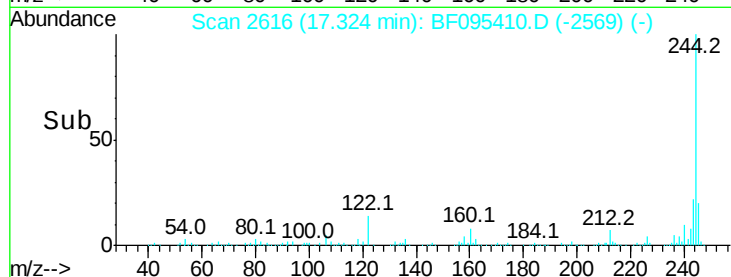
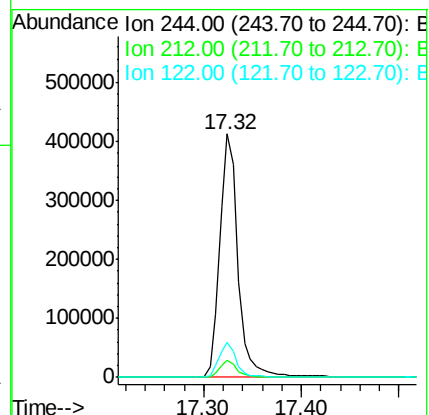
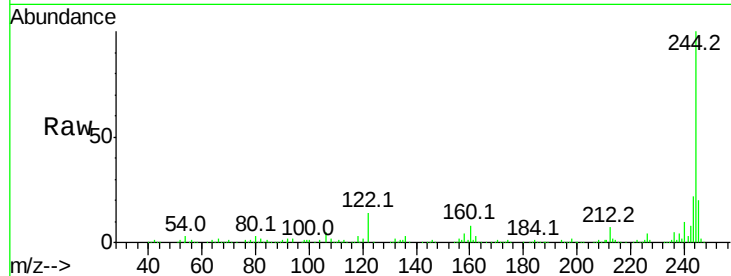
Tot Ion:244 Resp: 536370

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 14.2 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BF095410.D

Acq: 25 May 2017 6:09

Tgt Ion:264 Resp: 126232

Ion Ratio Lower Upper

264 100

260 21.4 19.5 29.3

265 21.0 17.2 25.8

