

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095365.D
 Acq On : 23 May 2017 22:37
 Operator : SJ/MA
 Sample : I3249-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:32:12 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

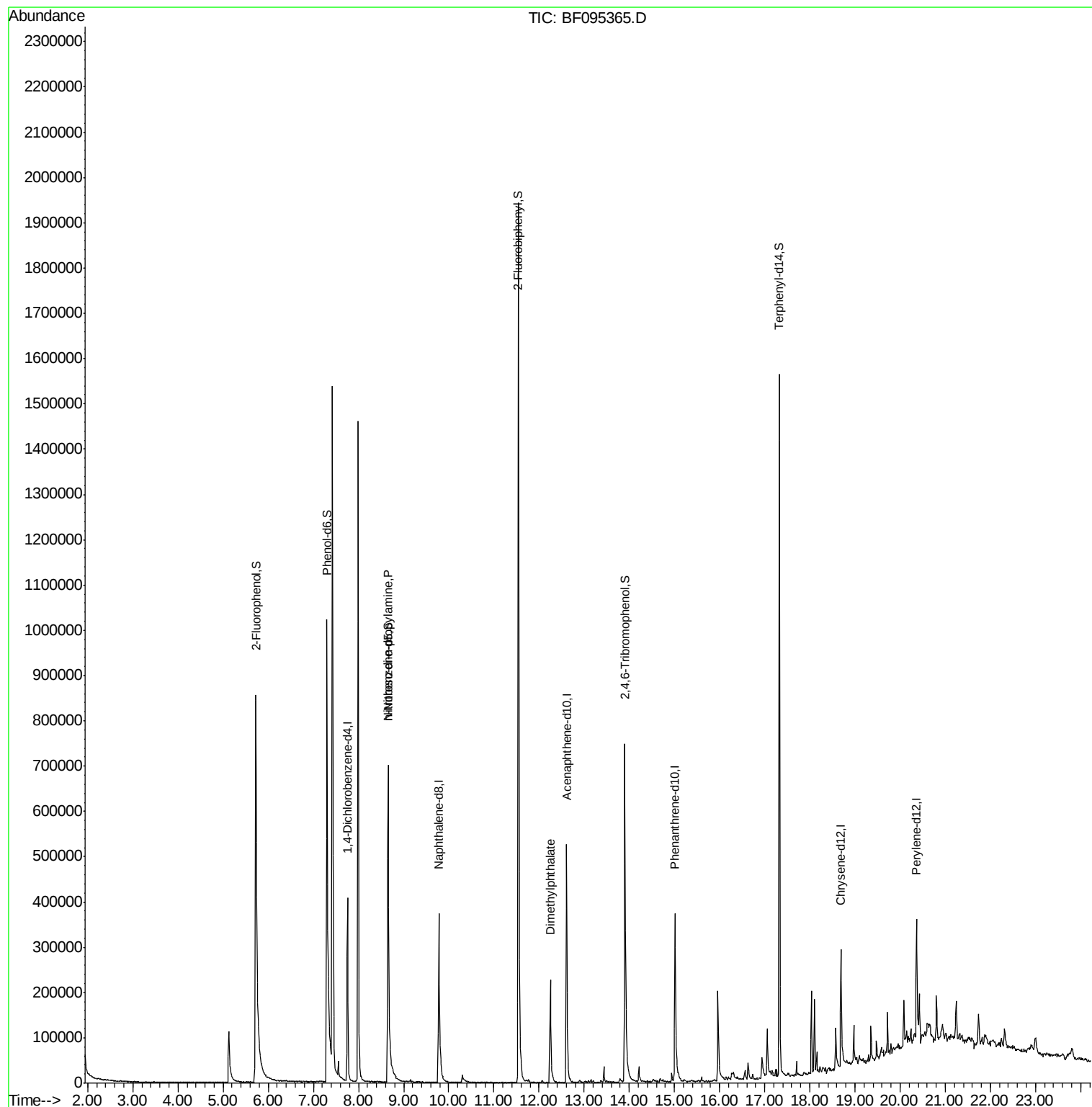
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	93083	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	401129	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	188175	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	293150	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	165938	20.00	ng	0.00
86) Perylene-d12	20.37	264	169398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	703481	126.00	ng	-0.01
7) Phenol-d6	7.30	99	856649	127.88	ng	-0.01
23) Nitrobenzene-d5	8.65	82	493297	77.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	173483	112.57	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	1083111	82.85	ng	-0.02
78) Terphenyl-d14	17.32	244	634794	84.26	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	55703	12.29	ng	Qvalue # 78
49) Dimethylphthalate	12.25	163	212611	13.76	ng	99

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

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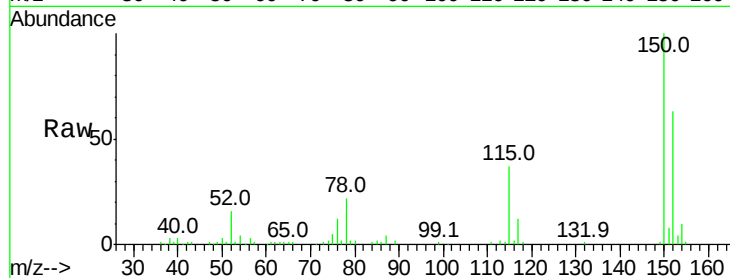


#1

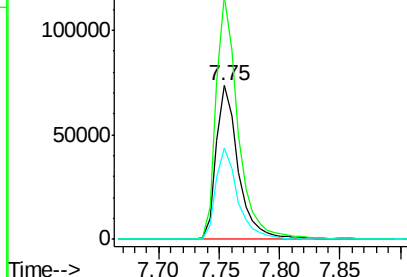
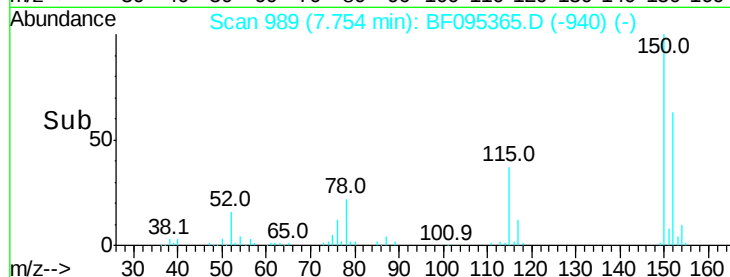
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095365.D
Acq: 23 May 2017 22:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93083
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 59.3 52.2 78.2



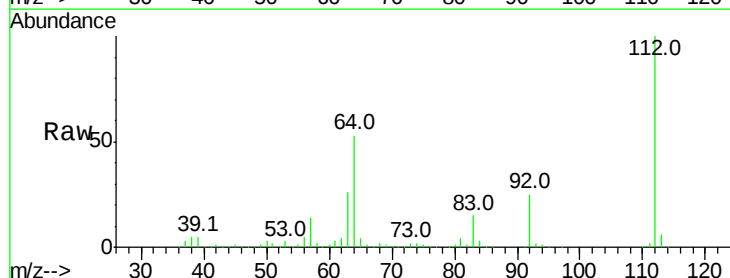
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



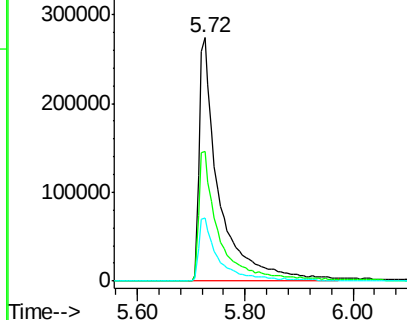
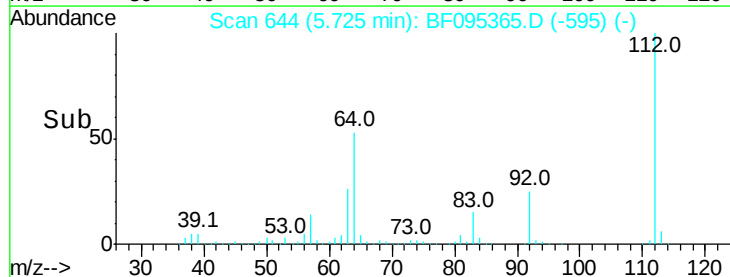
#5

2-Fluorophenol
Concen: 126.00 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095365.D
Acq: 23 May 2017 22:37

Tgt Ion:112 Resp: 703481
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 25.7 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: 127.88 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095365.D

Acq: 23 May 2017 22:37

Instrument :

BNA_F

ClientSampled :

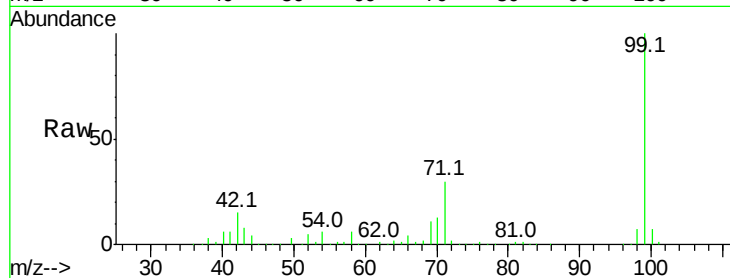
Tot Ion: 99 Resp: 856649

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

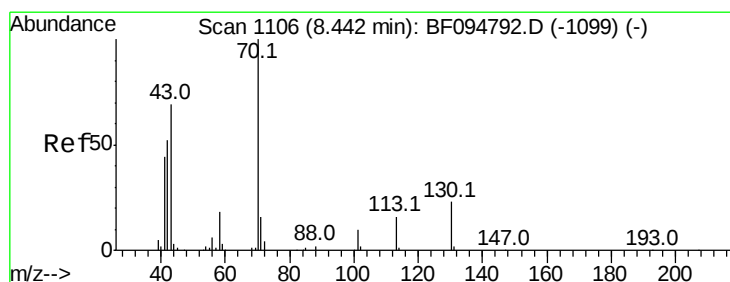
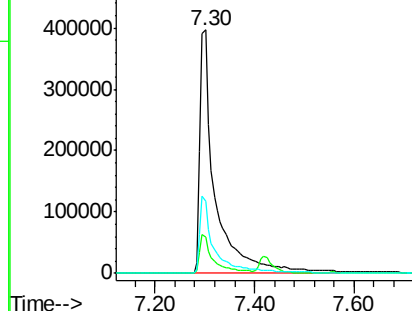
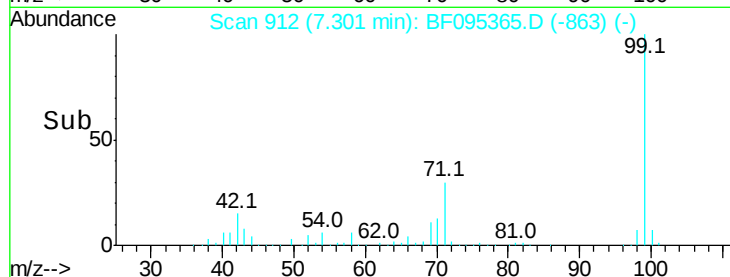
71 29.5 24.5 36.7



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: 12.29 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095365.D

Acq: 23 May 2017 22:37

Tgt Ion: 70 Resp: 55703

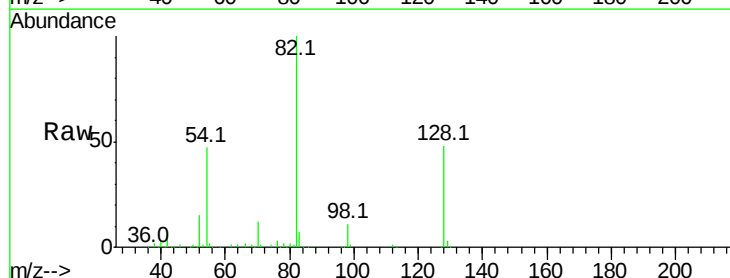
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#

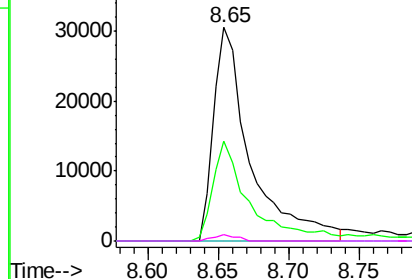
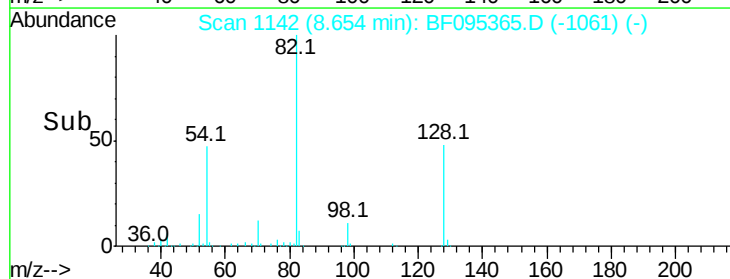


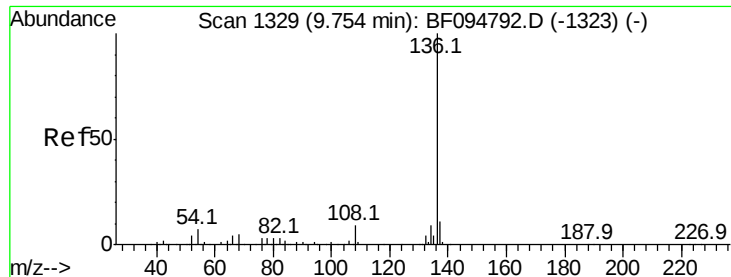
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

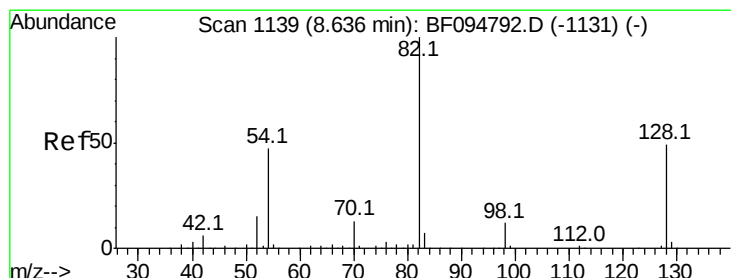
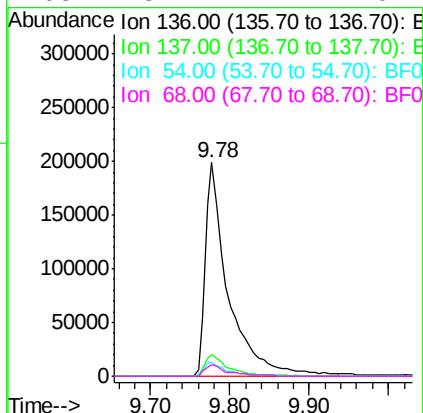
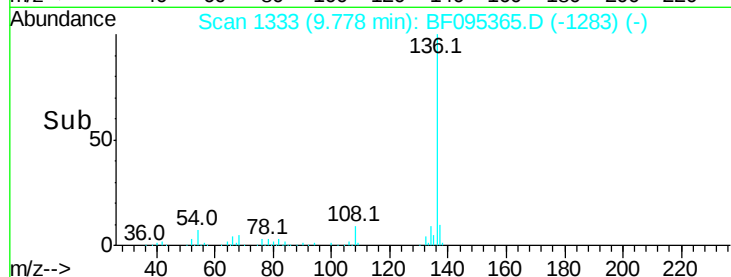
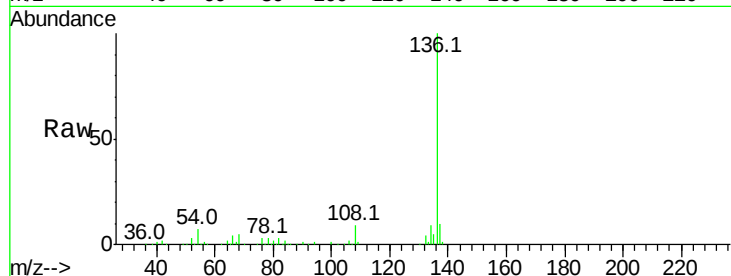




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095365.D
Acq: 23 May 2017 22:37

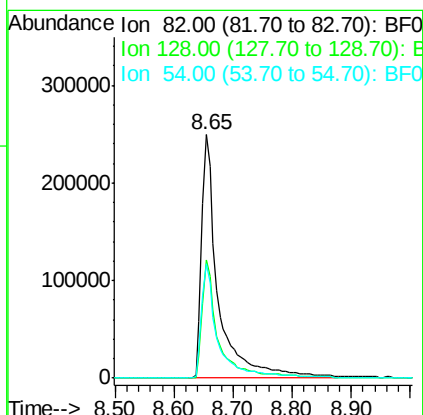
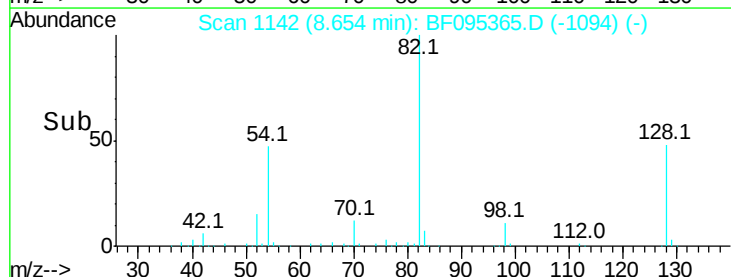
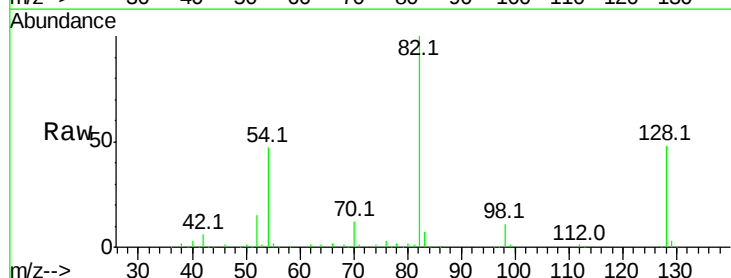
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	401129
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.5 12.7
54	6.8	4.9 7.3
68	5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 77.55 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095365.D
Acq: 23 May 2017 22:37

Tgt Ion: 82	Resp:	493297
Ion Ratio	Lower	Upper
82	100	
128	48.4	34.0 51.0
54	47.0	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095365.D

Acq: 23 May 2017 22:37

Instrument :

BNA_F

ClientSampleId :

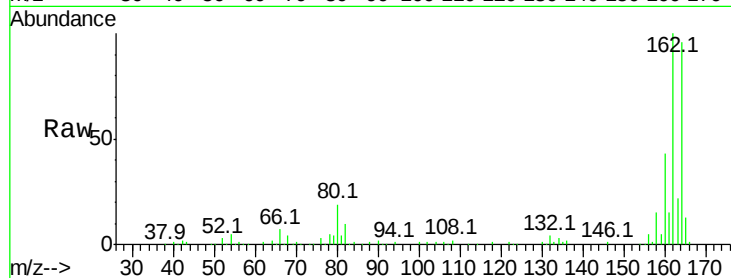
Tot Ion:164 Resp: 188175

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

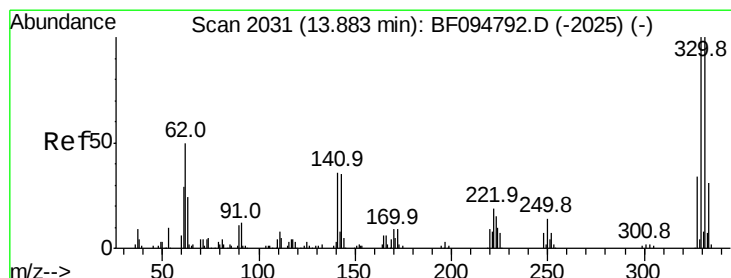
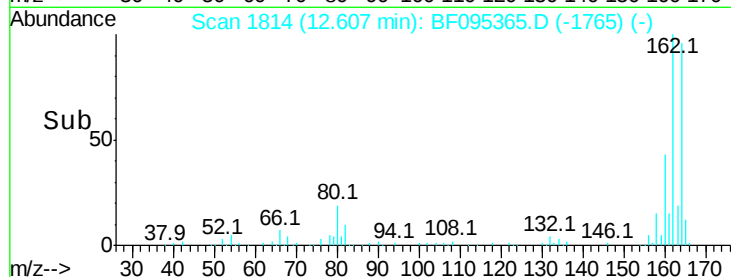
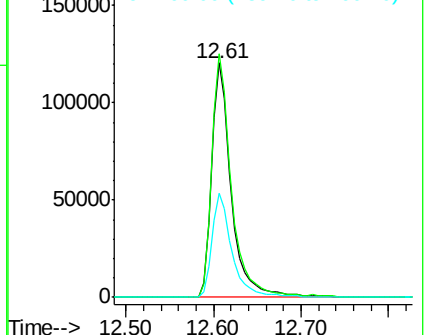
160 44.5 36.2 54.2



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: 112.57 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095365.D

Acq: 23 May 2017 22:37

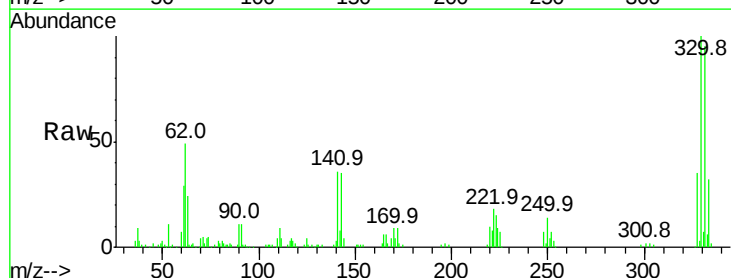
Tgt Ion:330 Resp: 173483

Ion Ratio Lower Upper

330 100

332 94.7 76.6 115.0

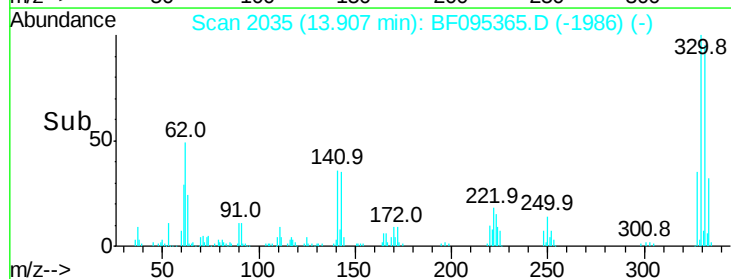
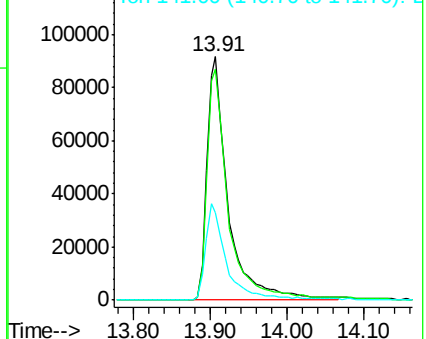
141 39.8 31.4 47.2



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

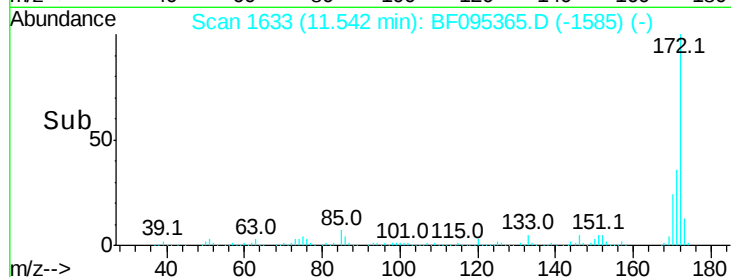
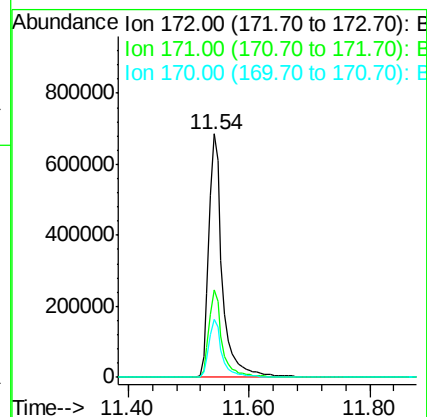
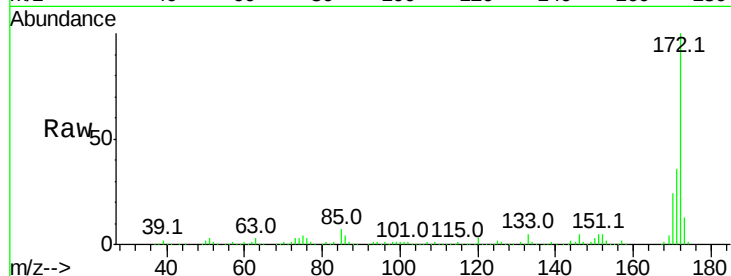




#44
2-Fluorobiphenyl
Concen: 82.85 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095365.D
Acq: 23 May 2017 22:37

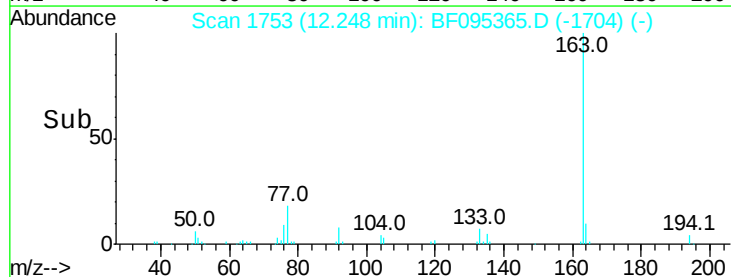
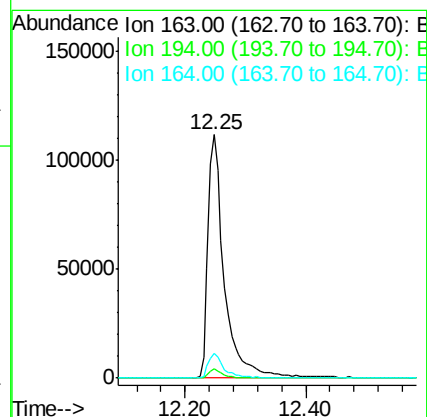
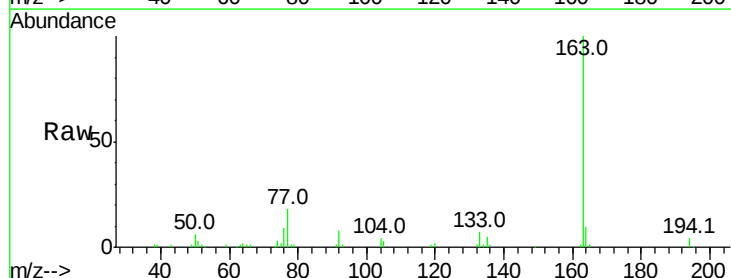
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1083111
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 13.76 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095365.D
Acq: 23 May 2017 22:37

Tgt Ion:163 Resp: 212611
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 10.0 8.4 12.6

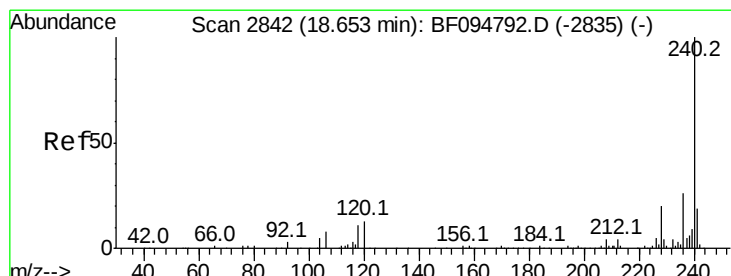
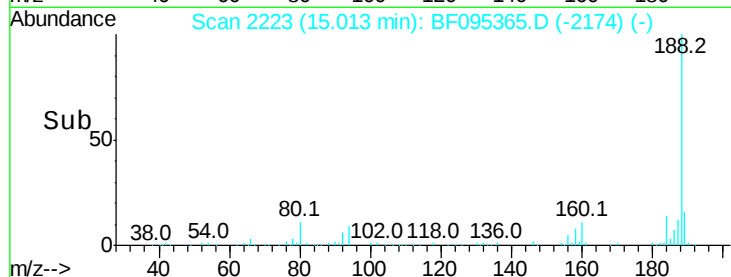
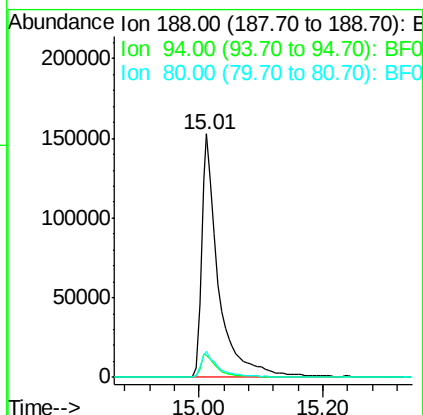
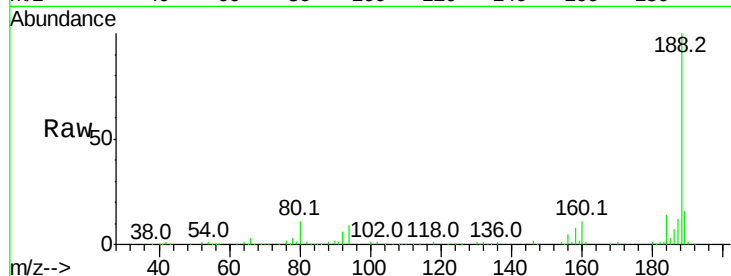




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095365.D
 Acq: 23 May 2017 22:37

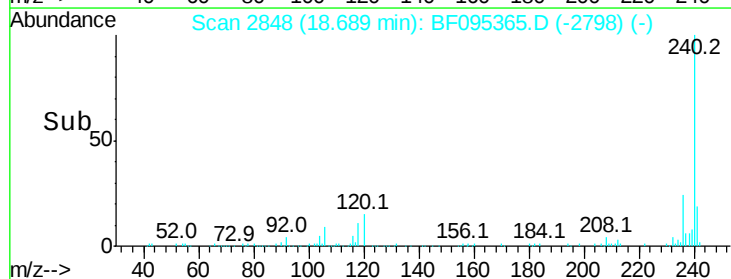
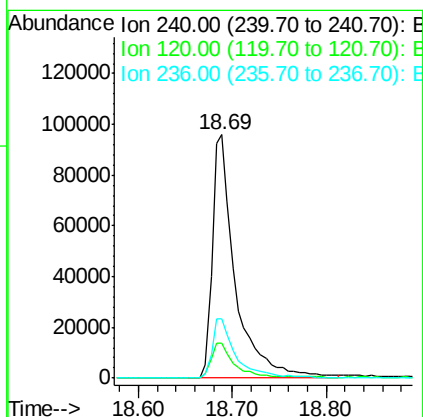
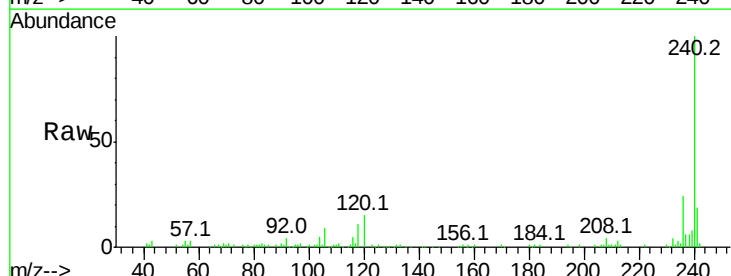
Instrument :
 BNA_F
 ClientSampleId :

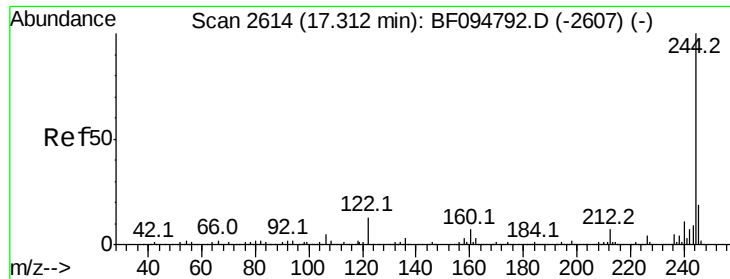
Tot Ion:188 Resp: 293150
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.4 14.2#
 80 10.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095365.D
 Acq: 23 May 2017 22:37

Tgt Ion:240 Resp: 165938
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 24.2 20.5 30.7





#78

Terphenyl-d14

Concen: 84.26 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095365.D

Acq: 23 May 2017 22:37

Instrument :

BNA_F

ClientSampleId :

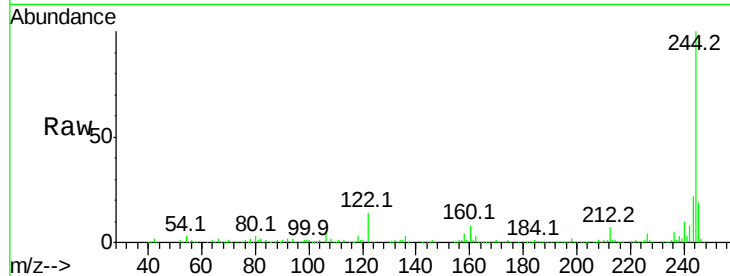
Tot Ion:244 Resp: 634794

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

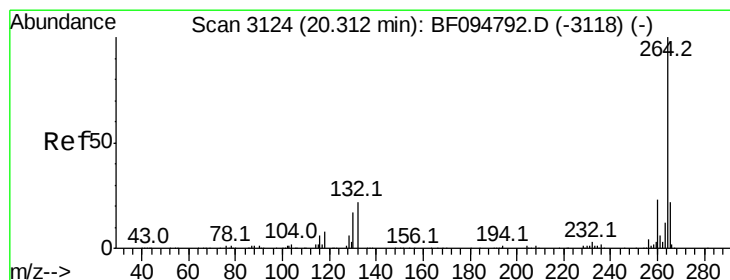
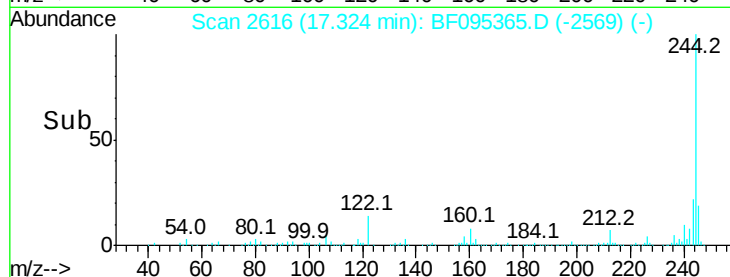
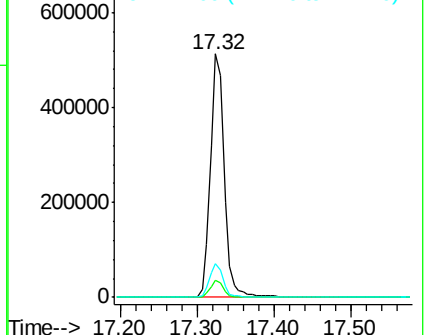
122 13.8 10.3 15.5



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: BF095365.D

Acq: 23 May 2017 22:37

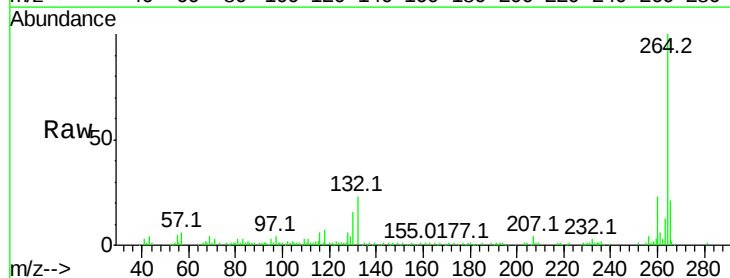
Tgt Ion:264 Resp: 169398

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.1 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

