

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095789.D
 Acq On : 8 Jun 2017 18:22
 Operator : SJ/MA
 Sample : I3559-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 09 01:23:43 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

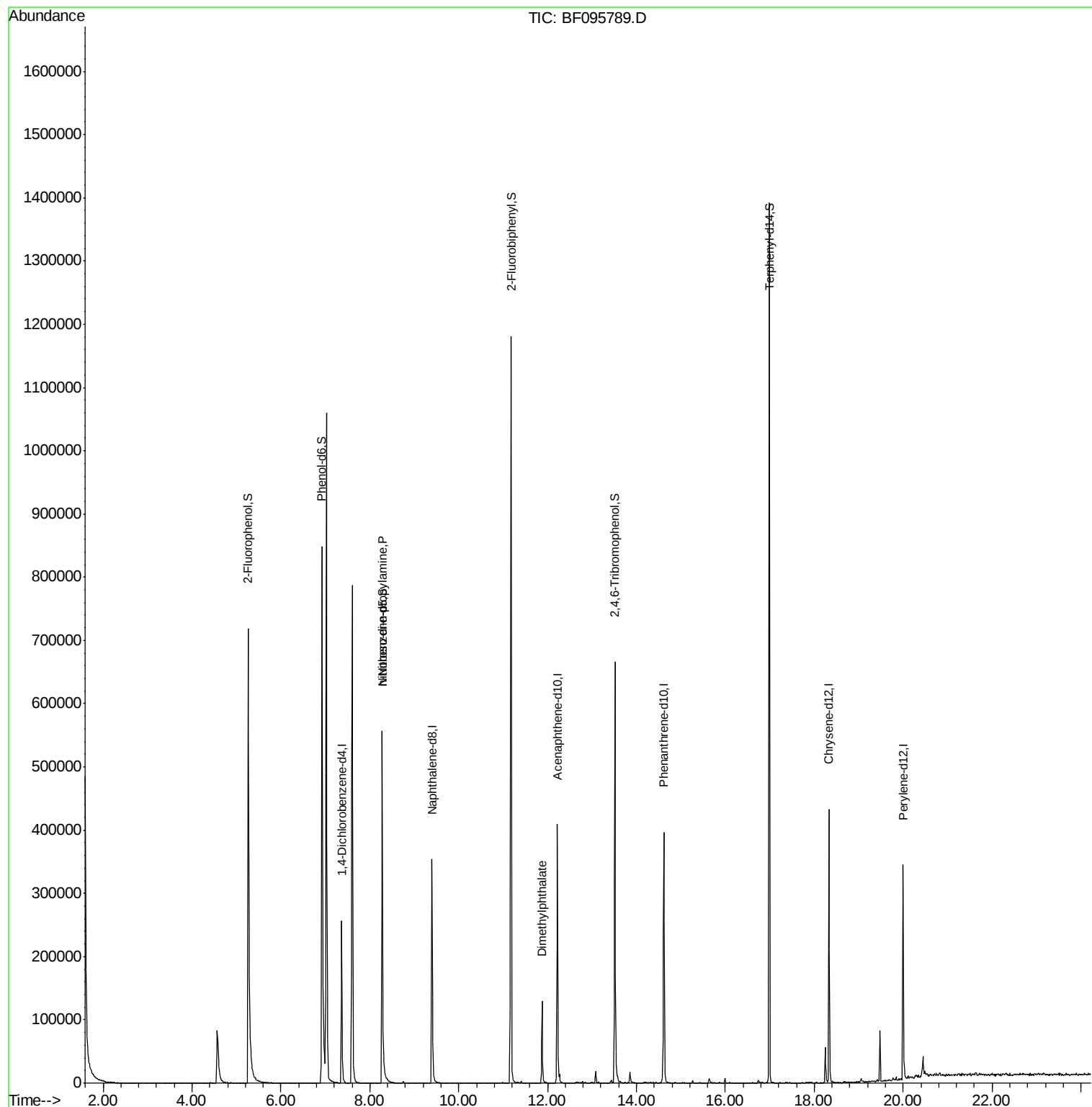
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	65430	20.00	ng	-0.04
21) Naphthalene-d8	9.40	136	272002	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	128147	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	235854	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	199544	20.00	ng	-0.03
86) Perylene-d12	20.00	264	157271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	420026	102.29	ng	-0.02
7) Phenol-d6	6.92	99	517037	105.18	ng	-0.04
23) Nitrobenzene-d5	8.28	82	301881	68.93	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	112806	99.49	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	627426	68.13	ng	-0.04
78) Terphenyl-d14	16.99	244	548084	68.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	36761	11.80	ng	Qvalue # 77
49) Dimethylphthalate	11.87	163	89510	9.20	ng	97

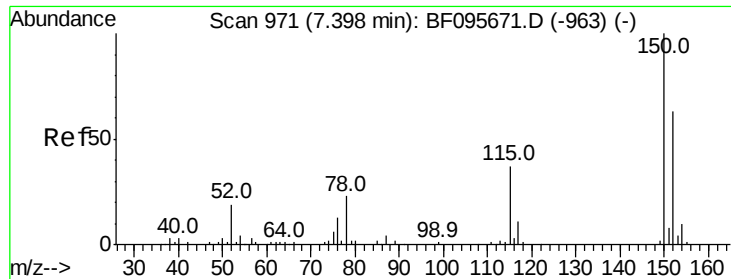
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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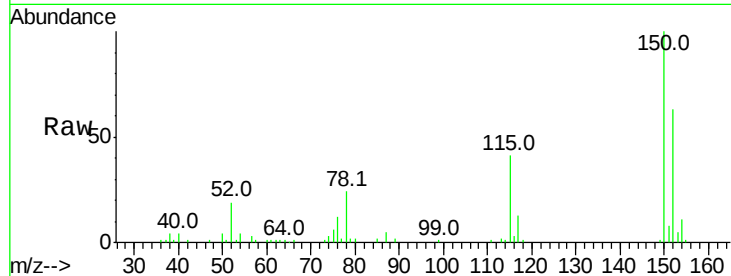


#1

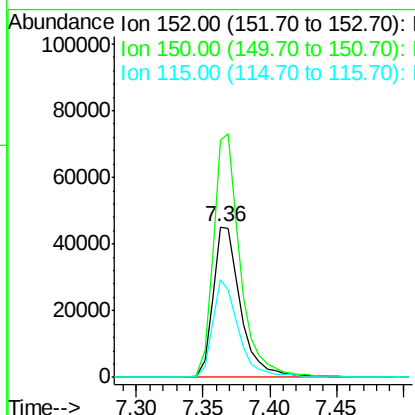
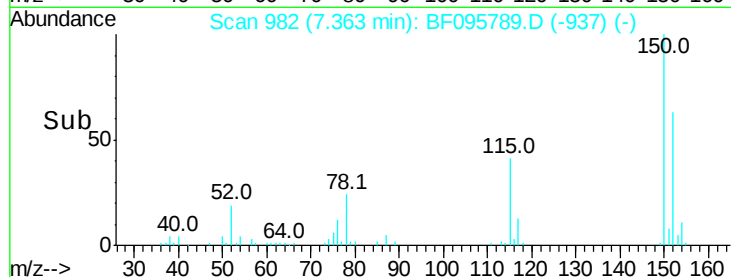
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 982
Delta R.T. -0.04 min
Lab File: BF095789.D
Acq: 8 Jun 2017 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 65430
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 64.9 52.2 78.2



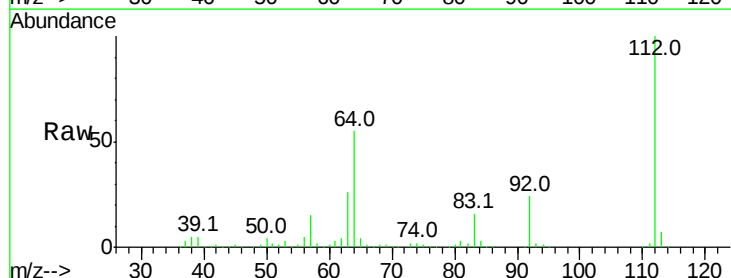
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



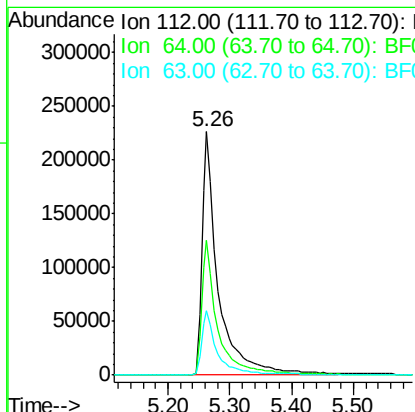
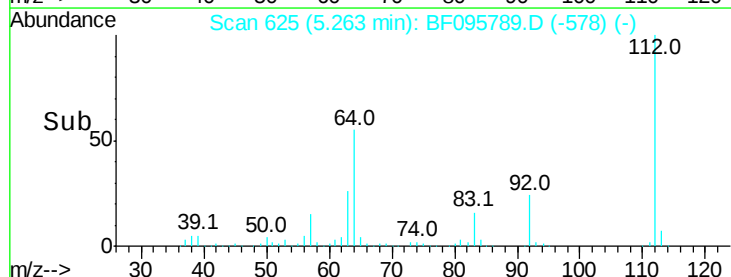
#5

2-Fluorophenol
Concen: 102.29 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095789.D
Acq: 8 Jun 2017 18:22

Tgt Ion:112 Resp: 420026
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 26.2 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: 105.18 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095789.D

Acq: 8 Jun 2017 18:22

Instrument :

BNA_F

ClientSampleId :

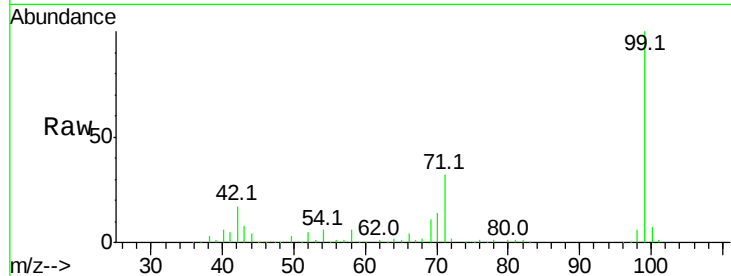
Tot Ion: 99 Resp: 517037

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

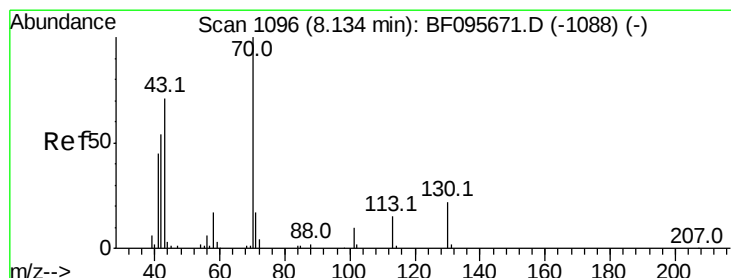
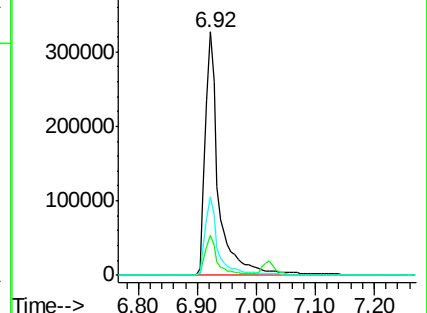
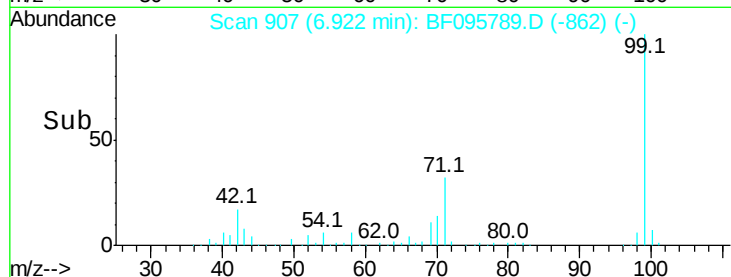
71 32.0 24.5 36.7



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: 11.80 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095789.D

Acq: 8 Jun 2017 18:22

Tgt Ion: 70 Resp: 36761

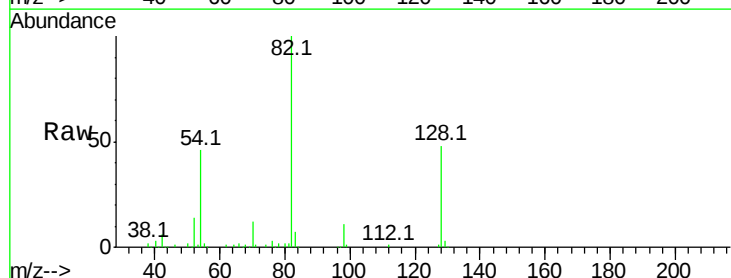
Ion Ratio Lower Upper

70 100

42 46.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

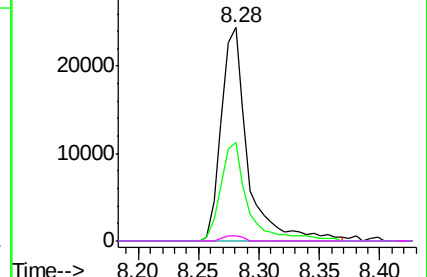
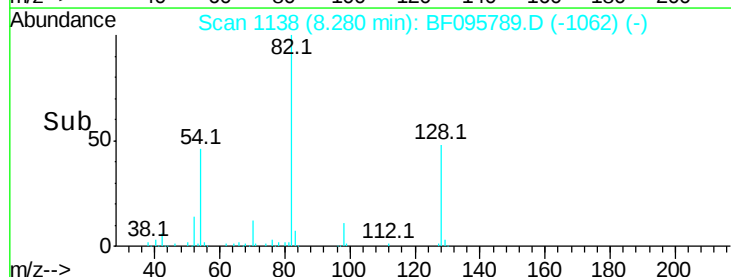


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095789.D

Acq: 8 Jun 2017 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 272002

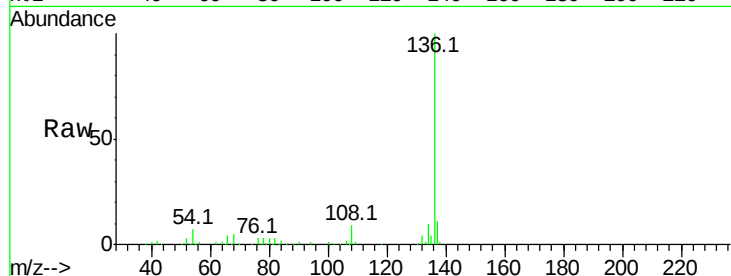
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

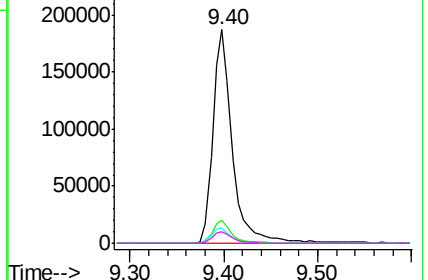
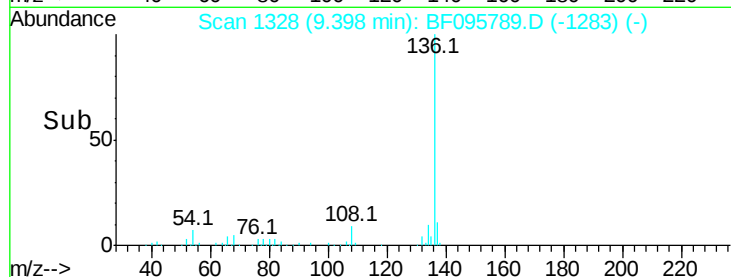


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.93 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095789.D

Acq: 8 Jun 2017 18:22

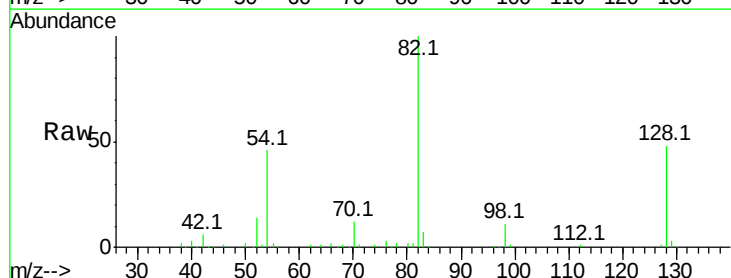
Tgt Ion: 82 Resp: 301881

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

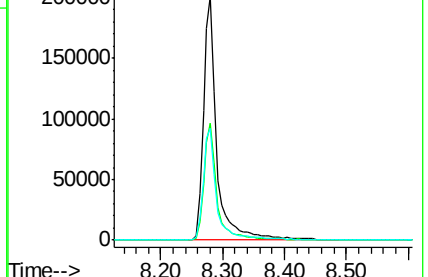
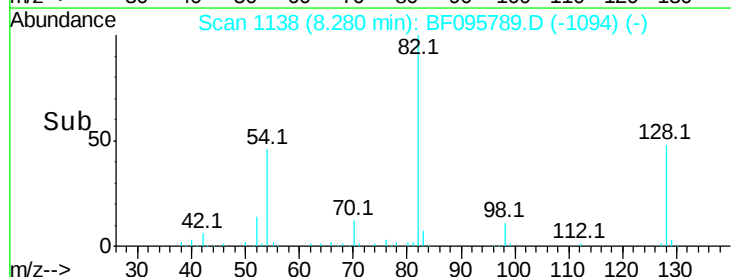
54 45.7 42.2 63.2



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: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095789.D

Acq: 8 Jun 2017 18:22

Instrument :

BNA_F

ClientSampleId :

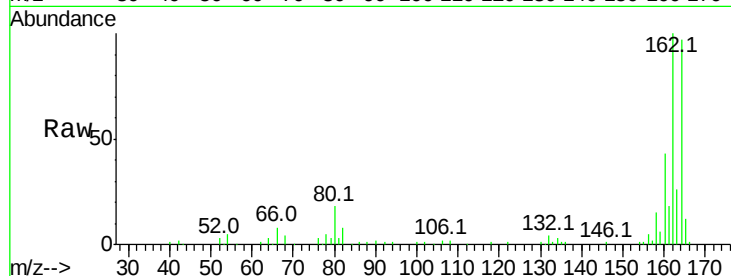
Tot Ion:164 Resp: 128147

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

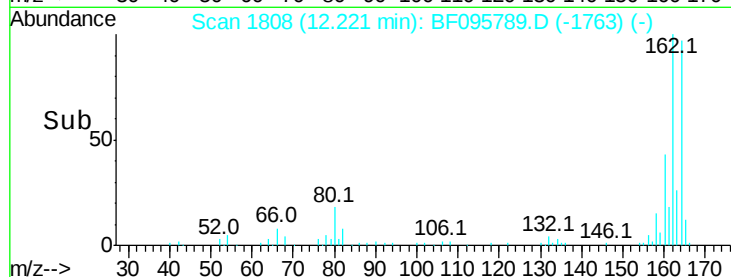
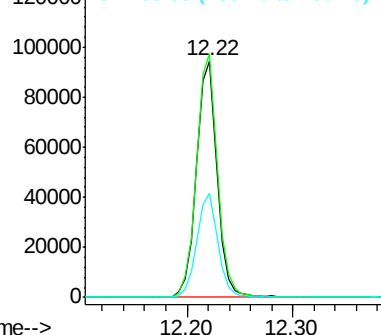
160 44.3 36.2 54.2



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: 99.49 ng

RT: 13.52 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BF095789.D

Acq: 8 Jun 2017 18:22

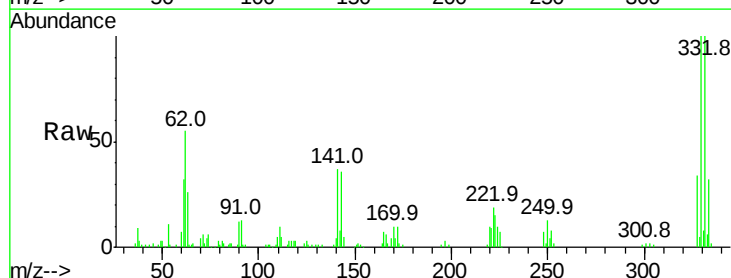
Tgt Ion:330 Resp: 112806

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

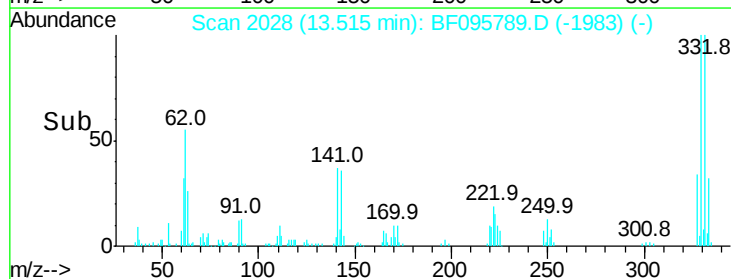
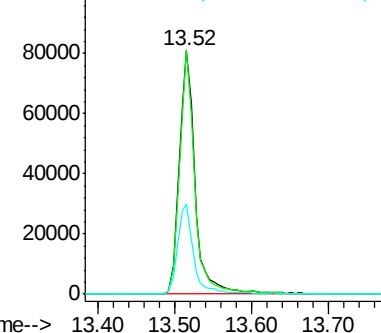
141 37.5 31.4 47.2

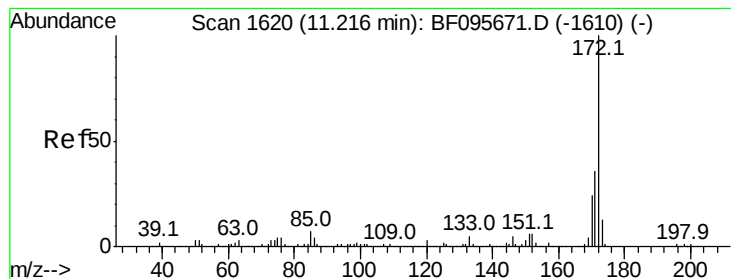


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 68.13 ng

RT: 11.18 min Scan# 1631

Delta R.T. -0.04 min

Lab File: BF095789.D

Acq: 8 Jun 2017 18:22

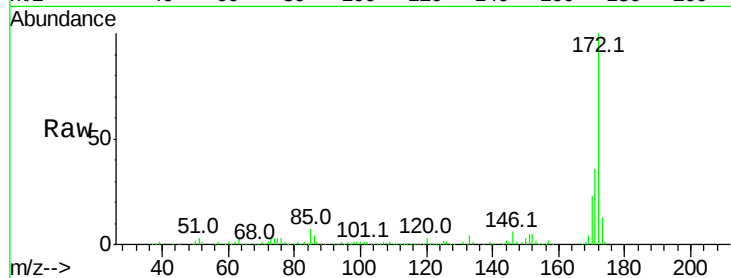
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 627426

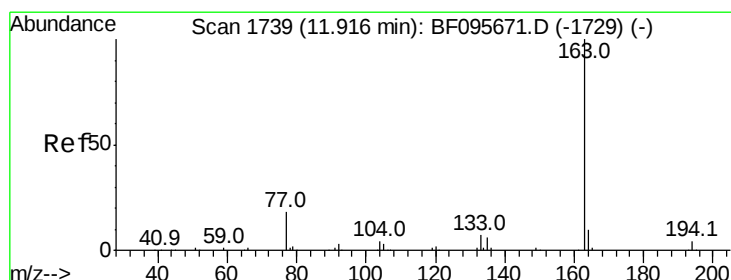
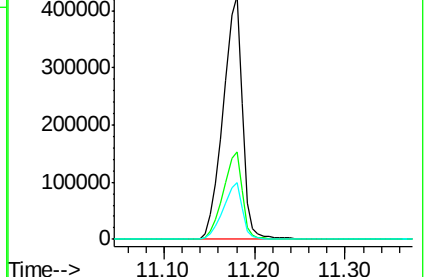
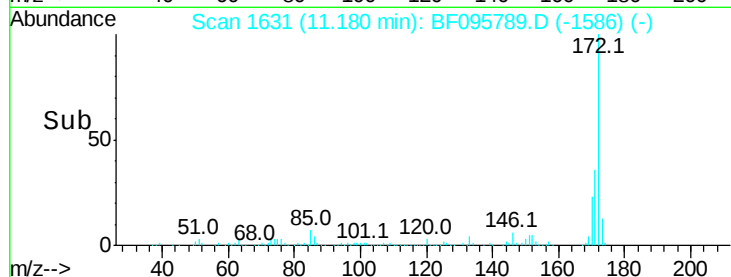
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.3	19.8	29.8



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: 9.20 ng

RT: 11.87 min Scan# 1749

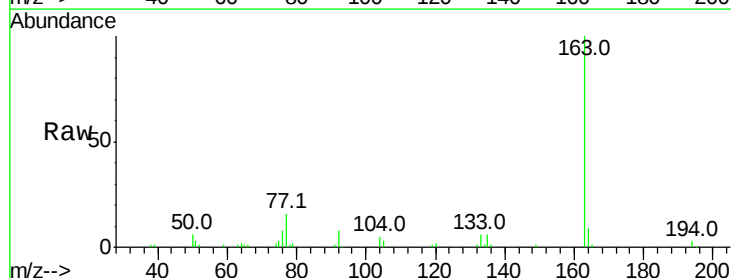
Delta R.T. -0.04 min

Lab File: BF095789.D

Acq: 8 Jun 2017 18:22

Tgt Ion:163 Resp: 89510

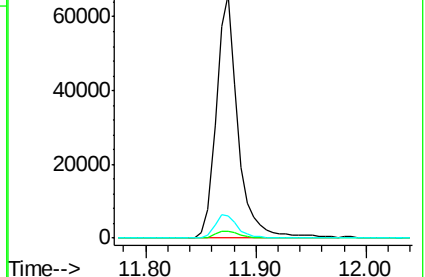
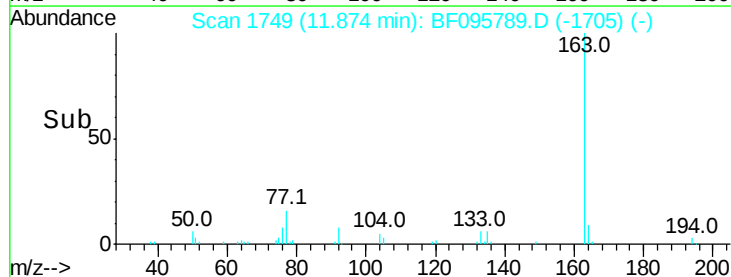
Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.3	8.4	12.6

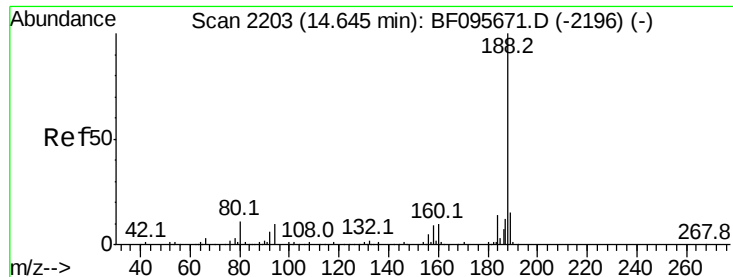


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

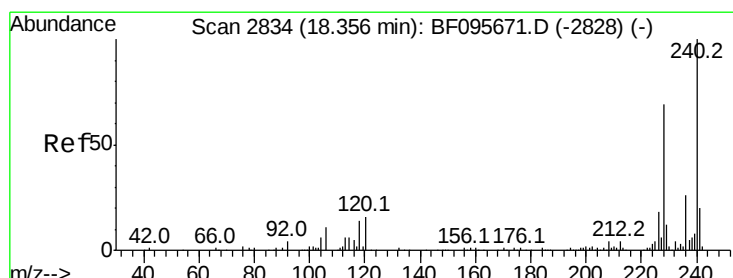
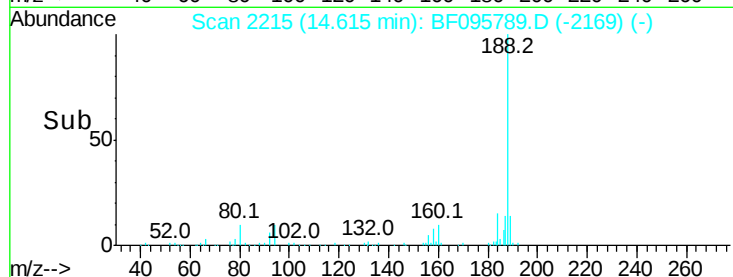
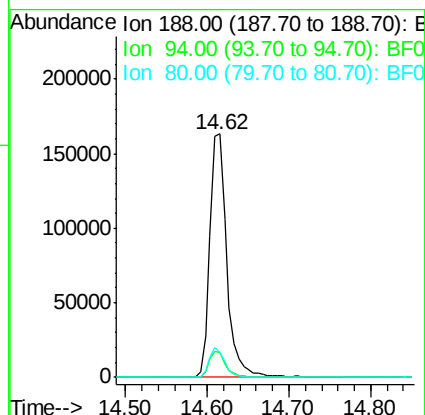
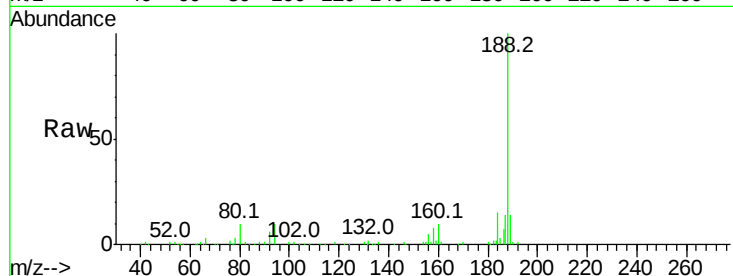




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095789.D
Acq: 8 Jun 2017 18:22

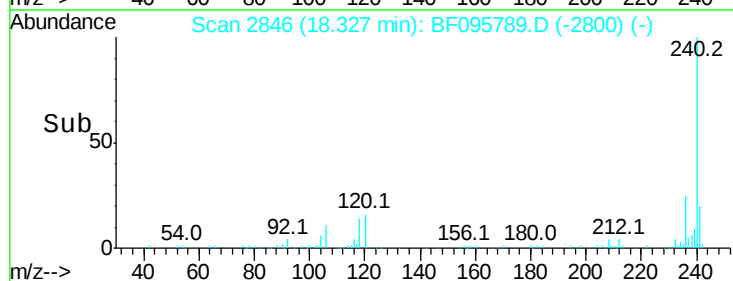
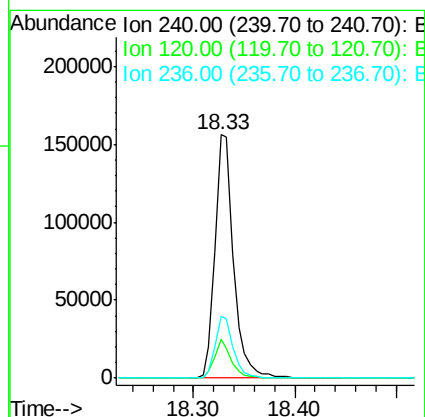
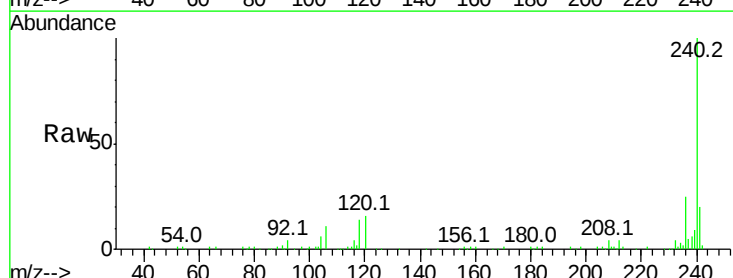
Instrument :
BNA_F
ClientSampleId :

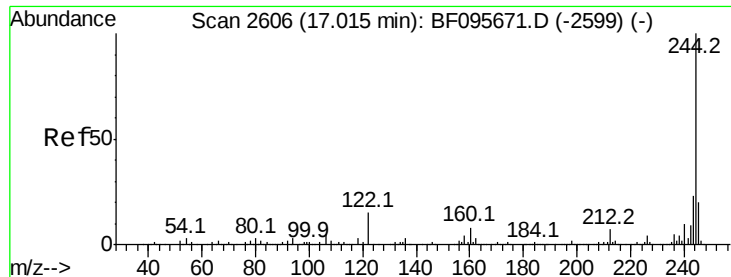
Tot Ion:188 Resp: 235854
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.03 min
Lab File: BF095789.D
Acq: 8 Jun 2017 18:22

Tgt Ion:240 Resp: 199544
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.5 20.5 30.7

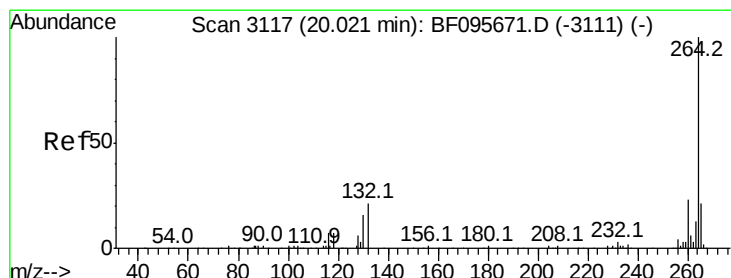
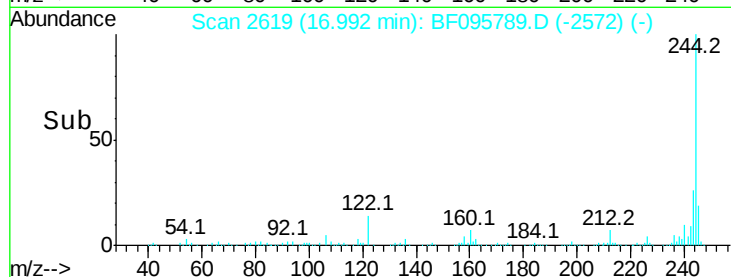
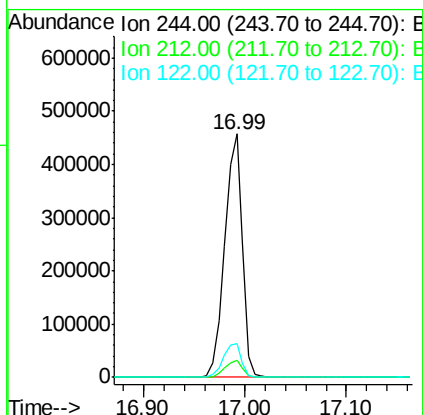
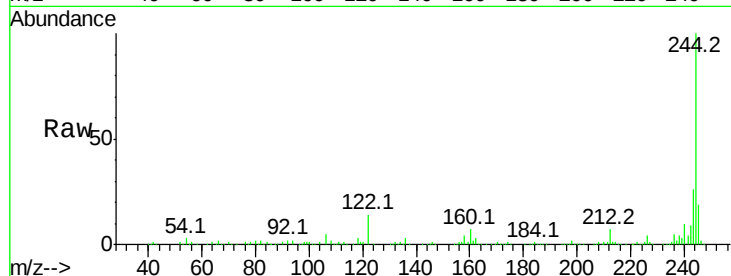




#78
 Terphenyl-d14
 Concen: 68.17 ng
 RT: 16.99 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF095789.D
 Acq: 8 Jun 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 548084
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095789.D
 Acq: 8 Jun 2017 18:22

Tgt Ion:264 Resp: 157271
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.2 17.2 25.8

