

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095566.D
 Acq On : 31 May 2017 16:23
 Operator : SJ/MA
 Sample : I3329-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 01:31:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

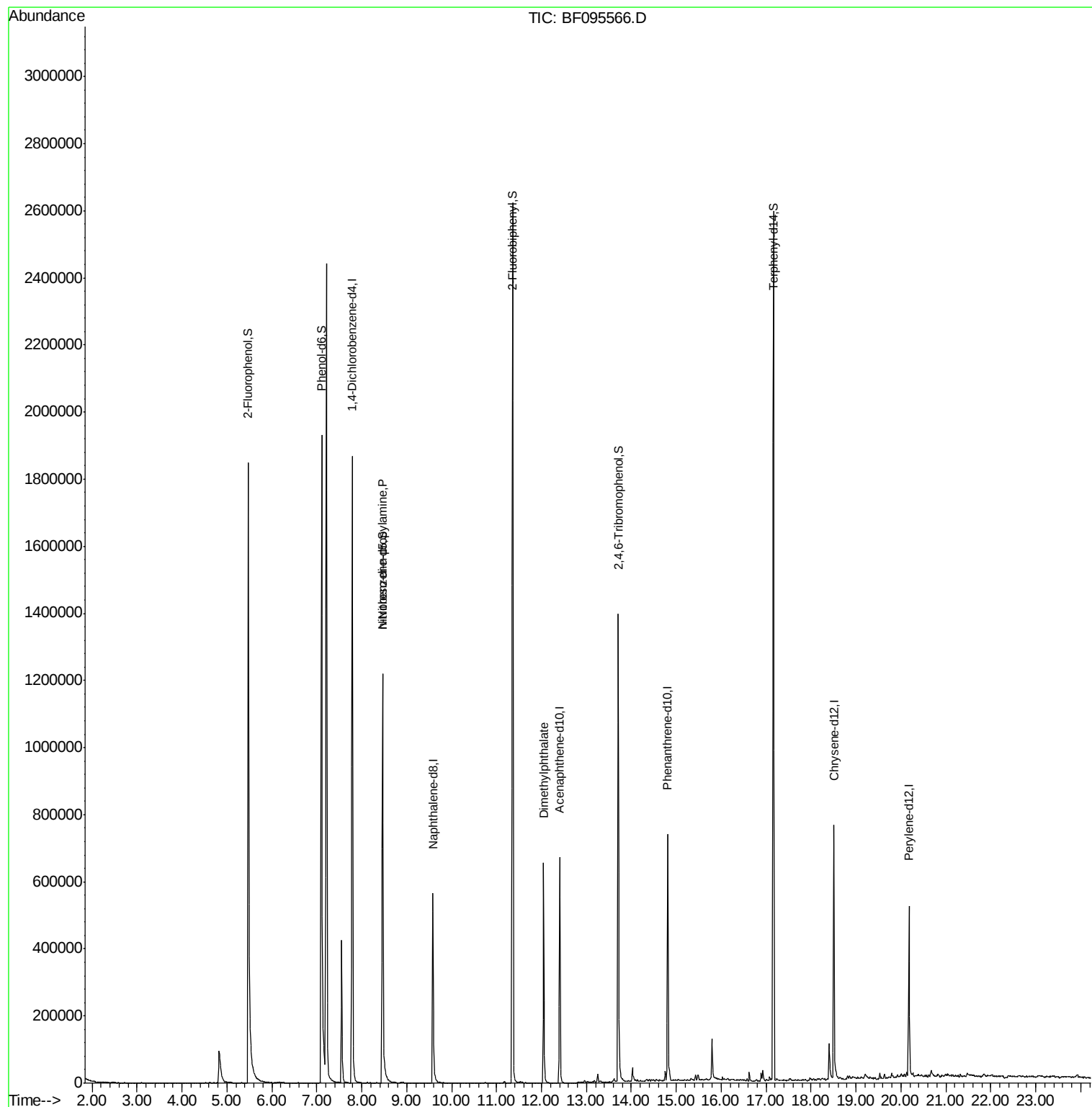
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	454759	20.00	ng	0.05
21) Naphthalene-d8	9.58	136	447952	20.00	ng	-0.18
38) Acenaphthene-d10	12.41	164	193698	20.00	ng	-0.19
63) Phenanthrene-d10	14.81	188	404044	20.00	ng	-0.19
75) Chrysene-d12	18.51	240	334280	20.00	ng	-0.17
86) Perylene-d12	20.18	264	232083	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1010729	37.05	ng	-0.24
7) Phenol-d6	7.11	99	1258573	38.46	ng	-0.19
23) Nitrobenzene-d5	8.47	82	664696	93.57	ng	-0.19
41) 2,4,6-Tribromophenol	13.71	330	258693	163.08	ng	-0.19
44) 2-Fluorobiphenyl	11.36	172	1310454	97.38	ng	-0.18
78) Terphenyl-d14	17.17	244	1118171	73.68	ng	-0.16
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.47	70	82684	3.74	ng	Qvalue # 74
49) Dimethylphthalate	12.05	163	412193	25.92	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: 7.79 min Scan# 1012

Delta R.T. 0.05 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

Instrument :

BNA_F

ClientSampleId :

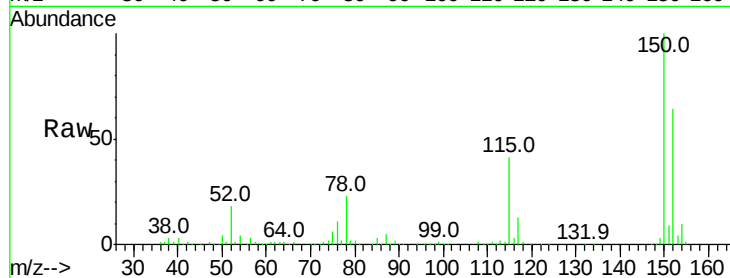
Tot Ion:152 Resp: 454759

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

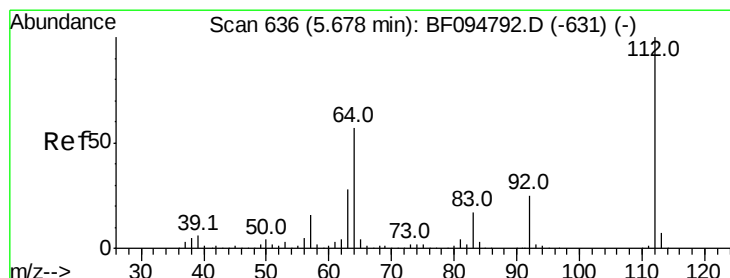
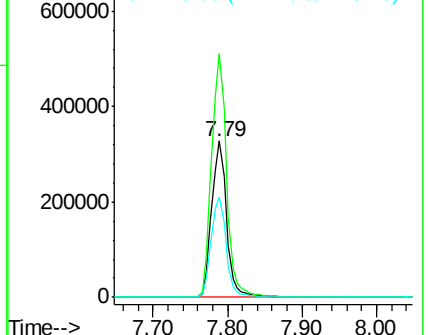
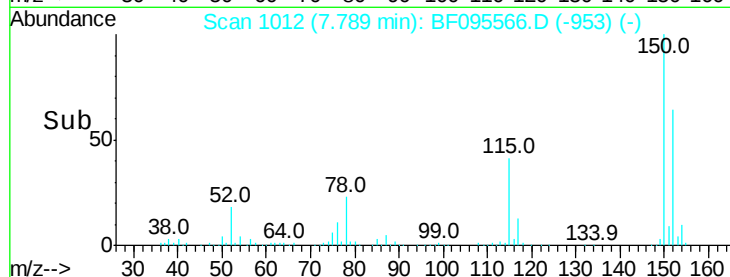
115 64.0 52.2 78.2



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: 37.05 ng

RT: 5.47 min Scan# 618

Delta R.T. -0.24 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

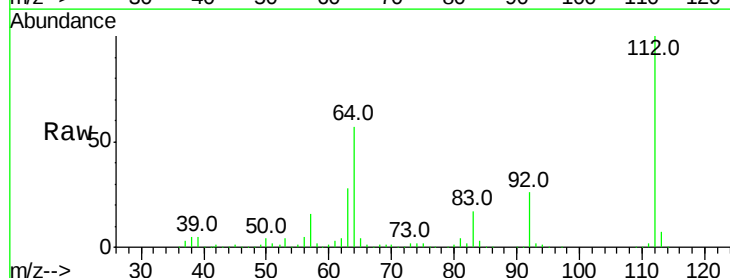
Tgt Ion:112 Resp: 1010729

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

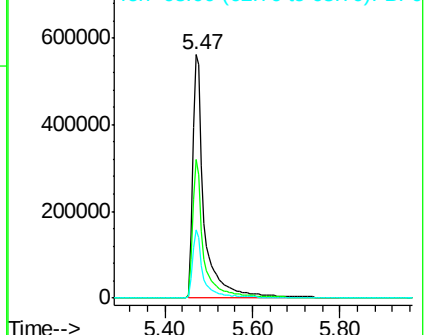
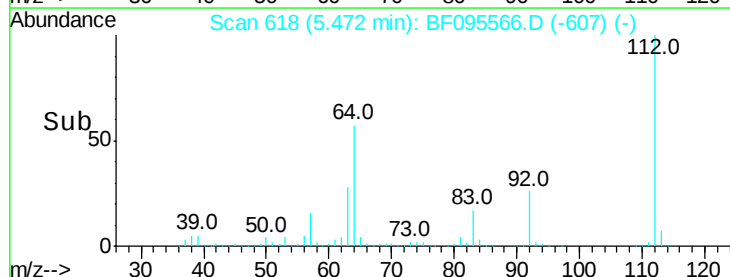
63 28.3 23.4 35.0



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: 38.46 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.19 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

Instrument :

BNA_F

ClientSampled :

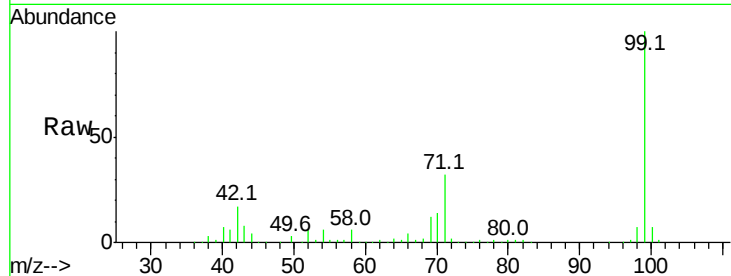
Tot Ion: 99 Resp: 1258573

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

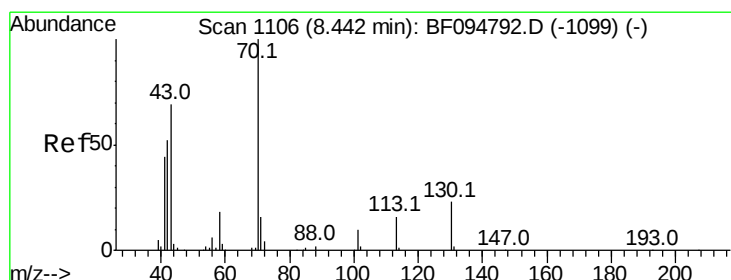
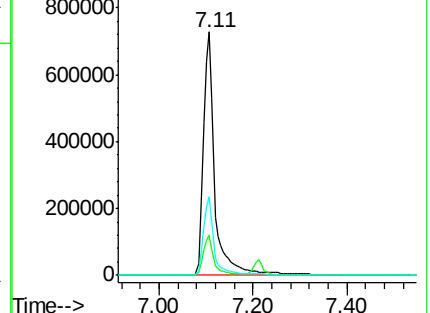
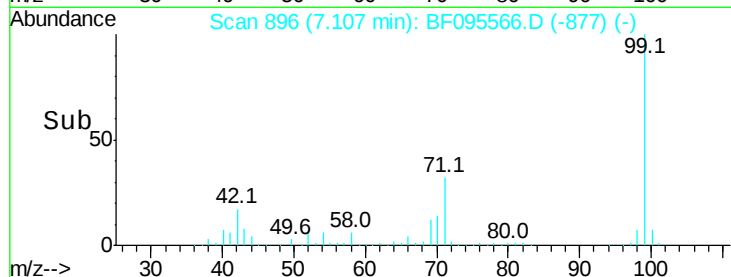
71 32.5 24.5 36.7



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: 3.74 ng

RT: 8.47 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

Tgt Ion: 70 Resp: 82684

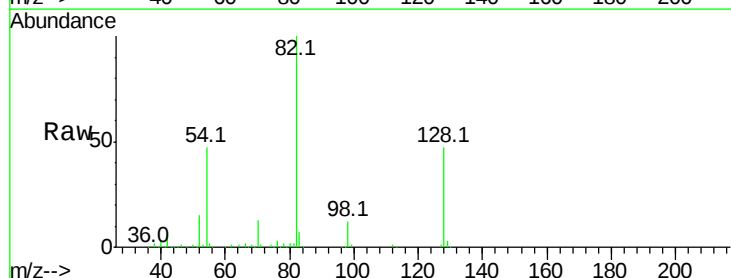
Ion Ratio Lower Upper

70 100

42 42.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

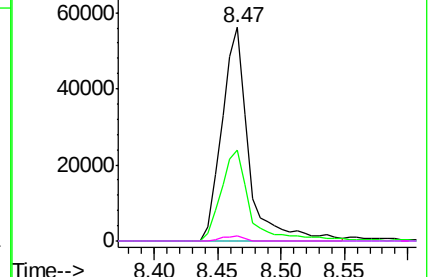
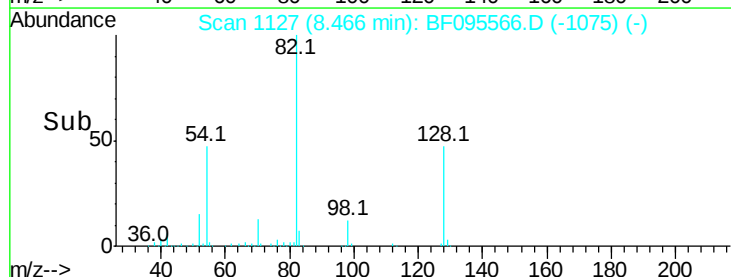


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.58 min Scan# 1317

Delta R.T. -0.18 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 447952

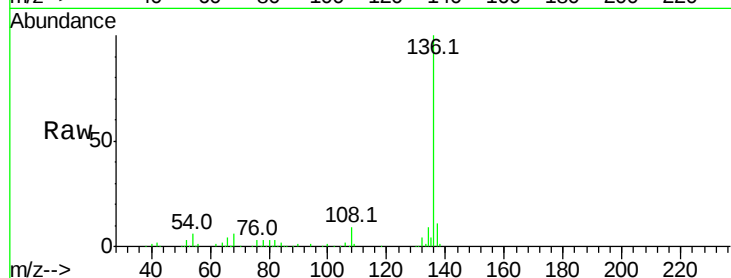
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.5 4.9 7.3

68 5.6 4.1 6.1

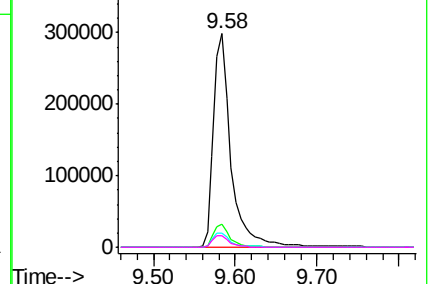
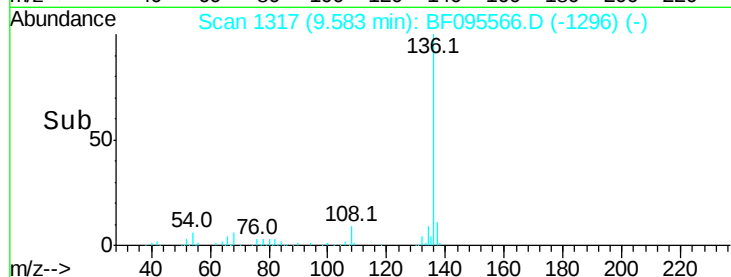


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.57 ng

RT: 8.47 min Scan# 1127

Delta R.T. -0.19 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

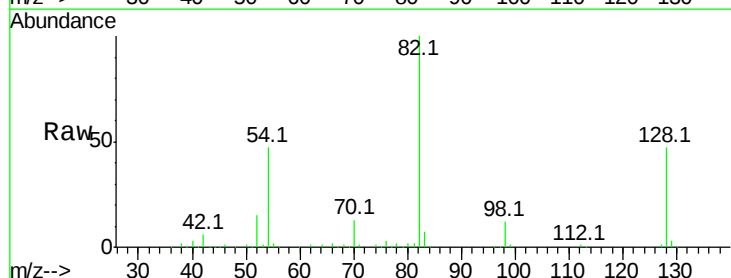
Tgt Ion: 82 Resp: 664696

Ion Ratio Lower Upper

82 100

128 47.2 34.0 51.0

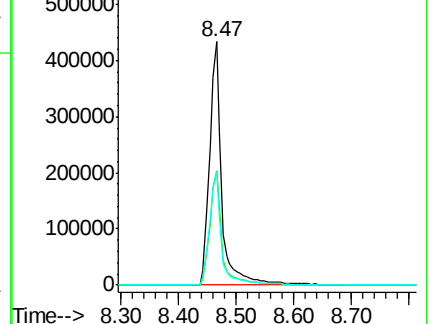
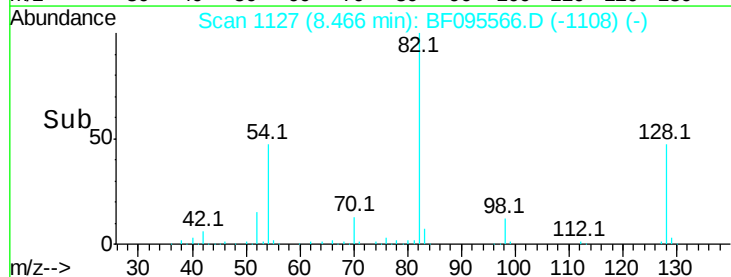
54 46.6 42.2 63.2



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: 12.41 min Scan# 1797

Delta R.T. -0.19 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

Instrument :

BNA_F

ClientSampleId :

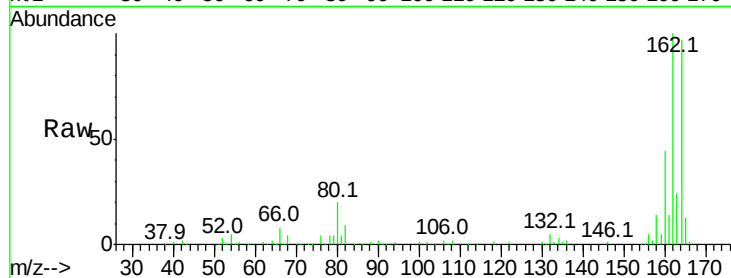
Tot Ion:164 Resp: 193698

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

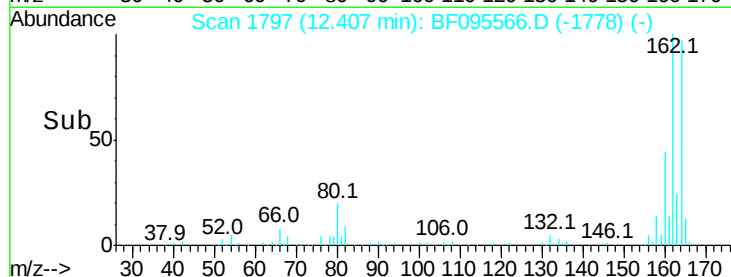
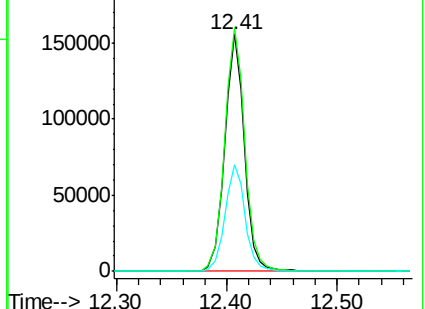
160 44.7 36.2 54.2



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: 163.08 ng

RT: 13.71 min Scan# 2019

Delta R.T. -0.19 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

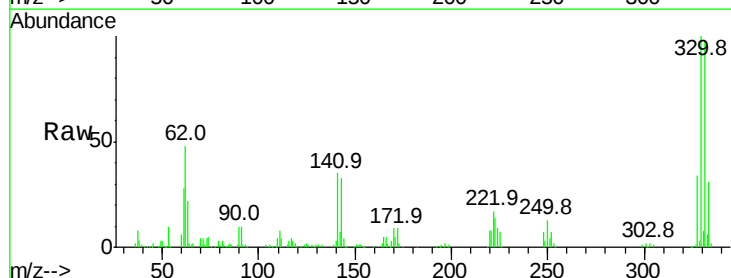
Tgt Ion:330 Resp: 258693

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

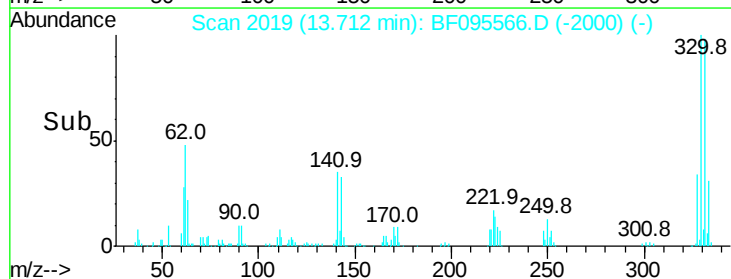
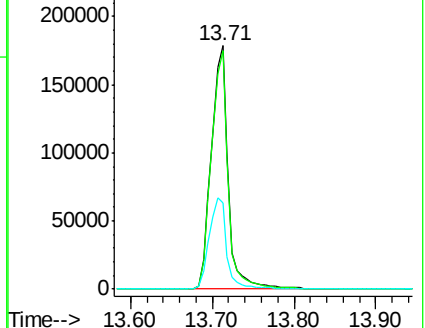
141 38.9 31.4 47.2



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

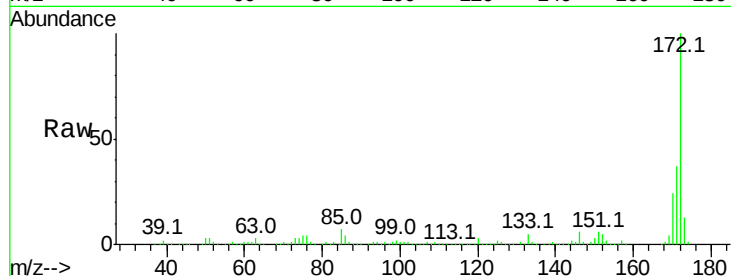




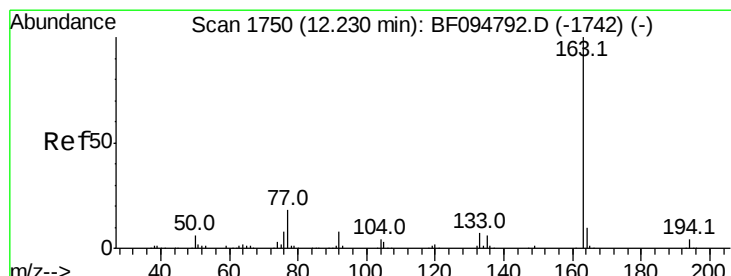
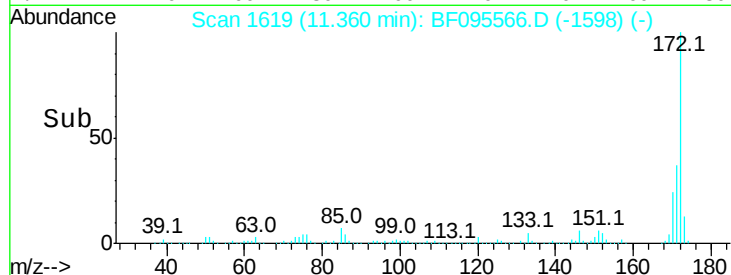
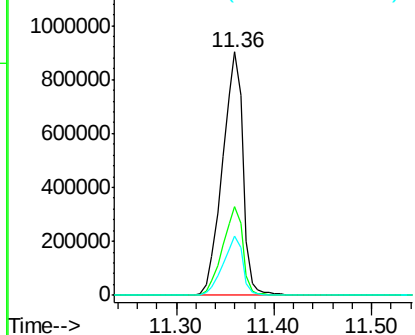
#44
2-Fluorobiphenyl
Concen: 97.38 ng
RT: 11.36 min Scan# 1619
Delta R.T. -0.18 min
Lab File: BF095566.D
Acq: 31 May 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1310454
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.1 19.8 29.8

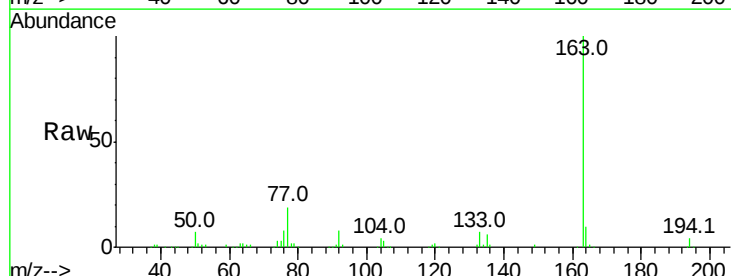


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

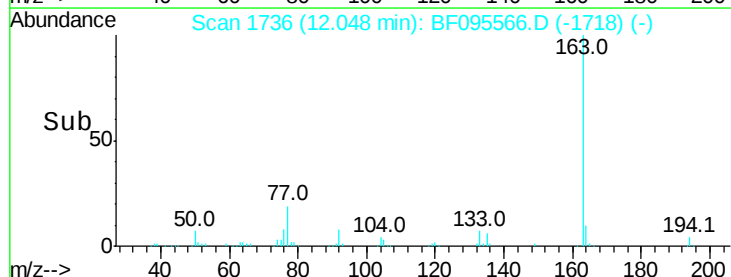
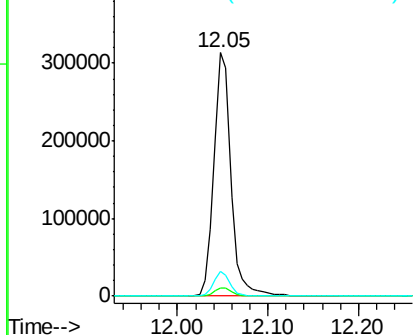


#49
Dimethylphthalate
Concen: 25.92 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.19 min
Lab File: BF095566.D
Acq: 31 May 2017 16:23

Tgt Ion:163 Resp: 412193
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 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

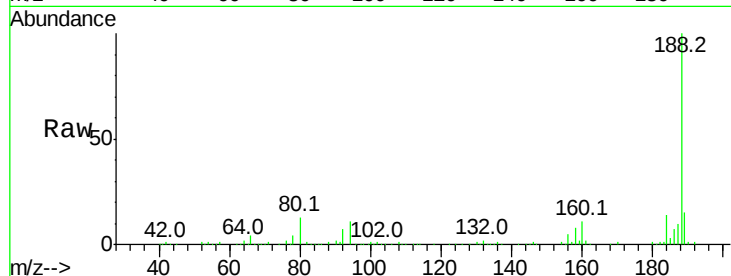




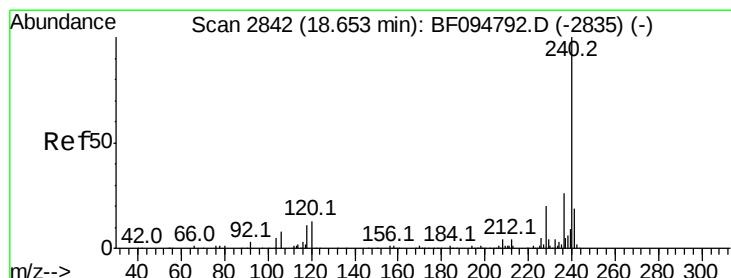
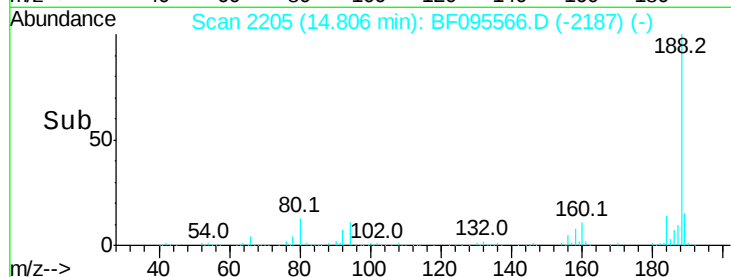
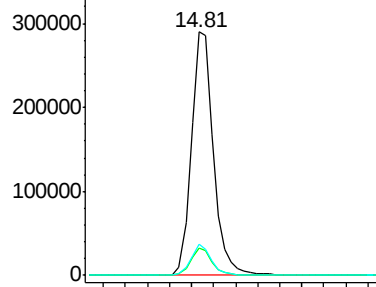
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2205
Delta R.T. -0.19 min
Lab File: BF095566.D
Acq: 31 May 2017 16:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 404044
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.6 10.2 15.2

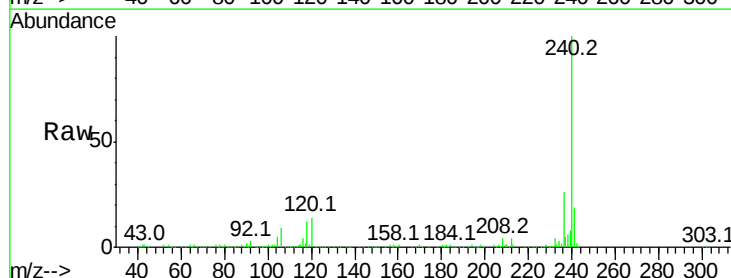


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

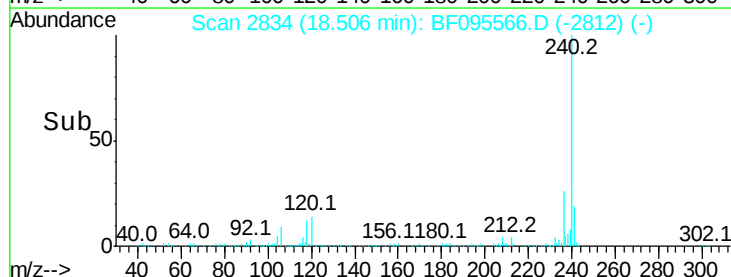
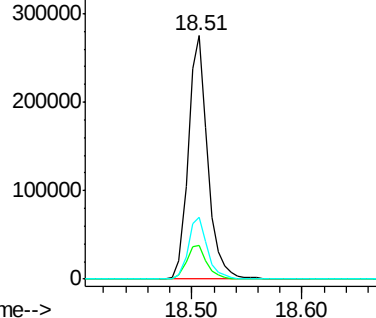


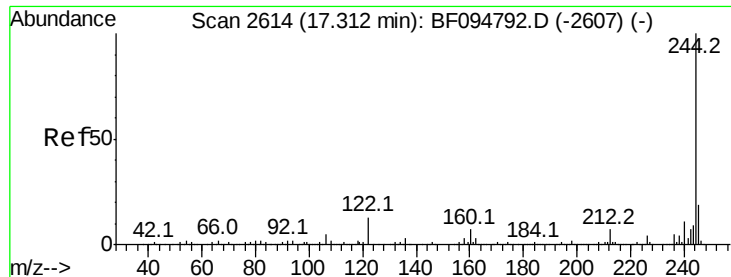
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.17 min
Lab File: BF095566.D
Acq: 31 May 2017 16:23

Tgt Ion:240 Resp: 334280
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.6 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: 73.68 ng

RT: 17.17 min Scan# 2606

Delta R.T. -0.16 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

Instrument :

BNA_F

ClientSampleId :

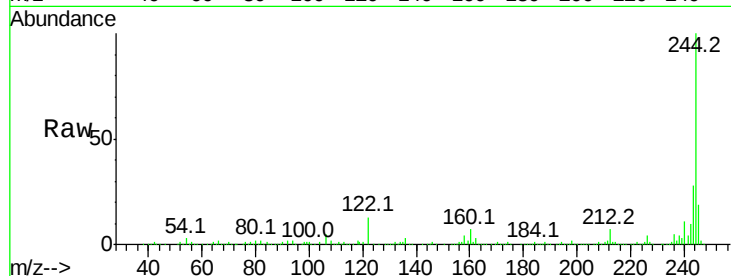
Tot Ion:244 Resp: 1118171

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

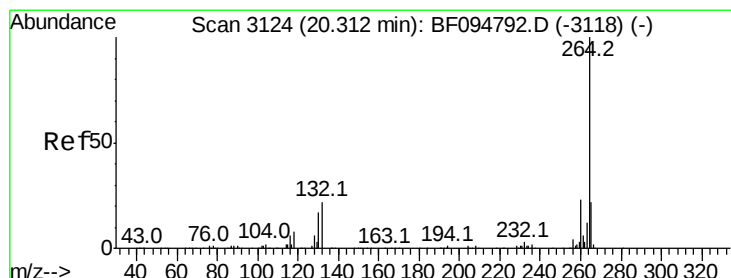
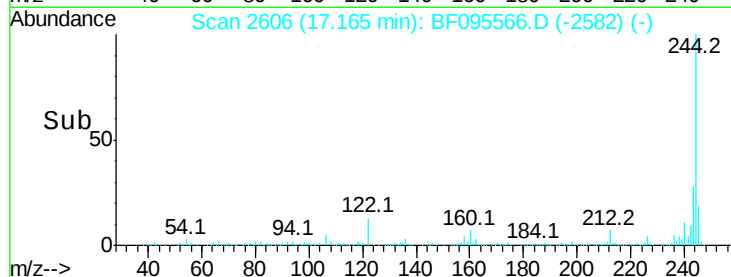
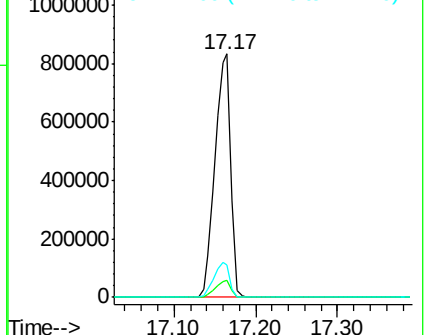
122 13.2 10.3 15.5



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: 20.18 min Scan# 3118

Delta R.T. -0.18 min

Lab File: BF095566.D

Acq: 31 May 2017 16:23

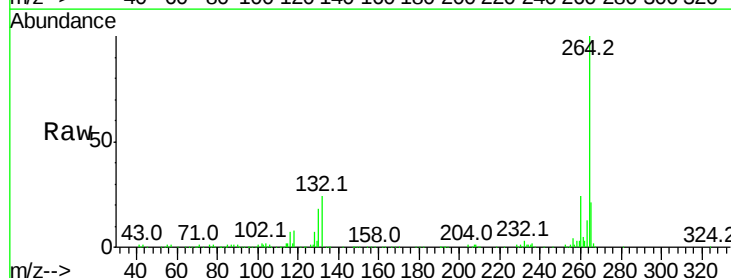
Tgt Ion:264 Resp: 232083

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.5 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

