

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097438.D
 Acq On : 7 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4623-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BN

Quant Time: Aug 08 05:34:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

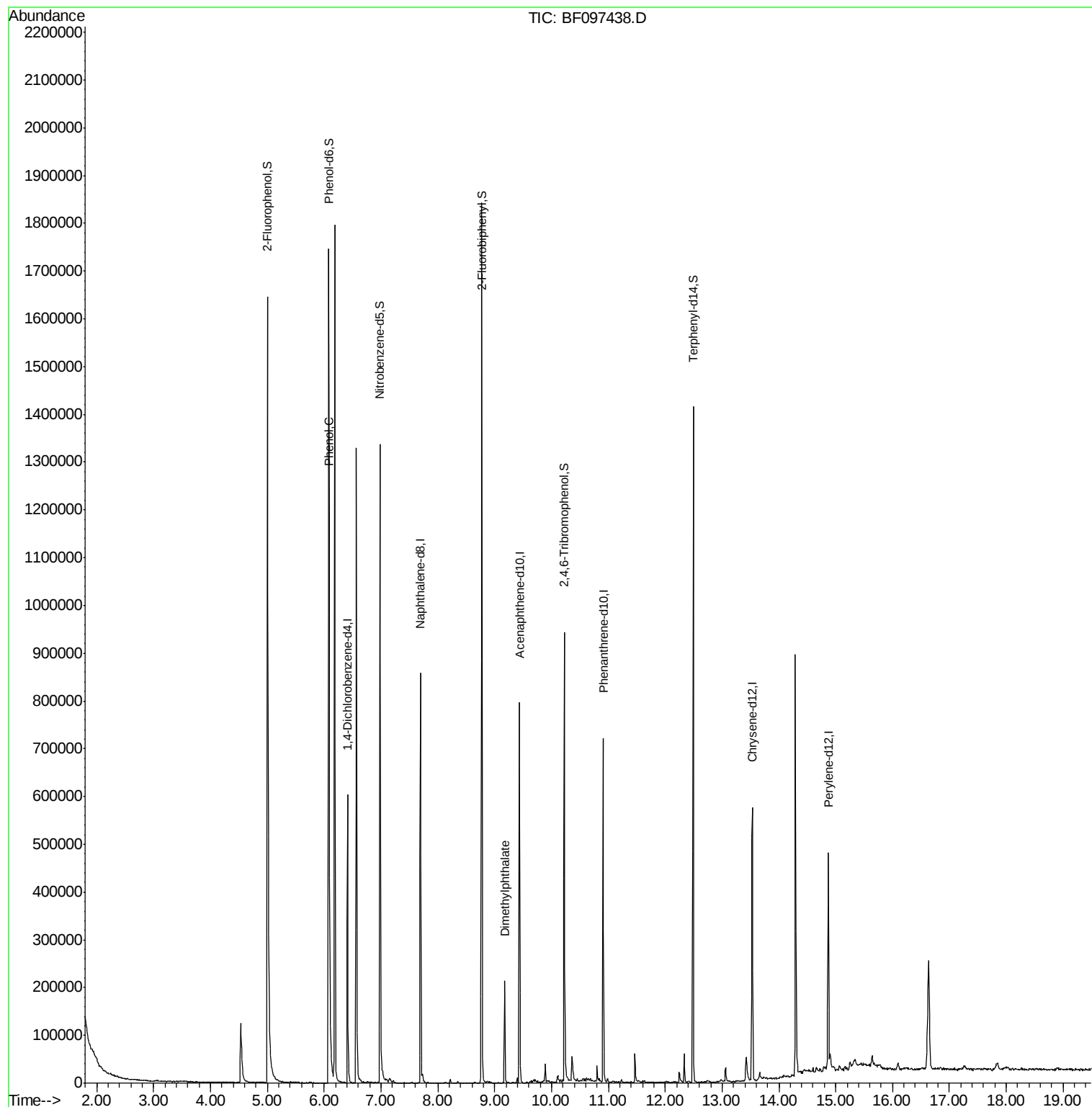
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	88195	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	375803	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	152917	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	241120	20.00	ng	0.00
75) Chrysene-d12	13.53	240	201863	20.00	ng	0.00
86) Perylene-d12	14.87	264	178375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	598245	102.26	ng	0.00
7) Phenol-d6	6.08	99	624279	93.47	ng	0.00
23) Nitrobenzene-d5	6.98	82	411836	64.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	107887	89.30	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	628791	69.78	ng	0.00
78) Terphenyl-d14	12.49	244	420120	42.43	ng	0.00
Target Compounds						
10) Phenol	6.09	94	23786	3.002	ng	Qvalue # 59
49) Dimethylphthalate	9.17	163	88459	7.618	ng	99

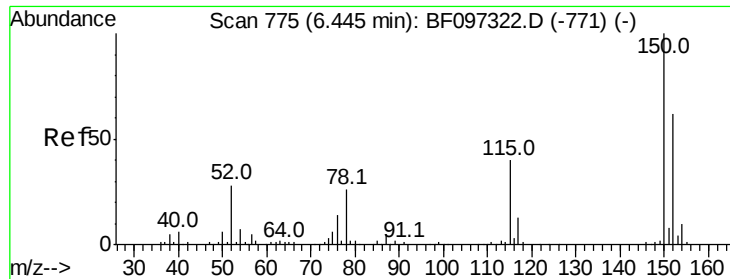
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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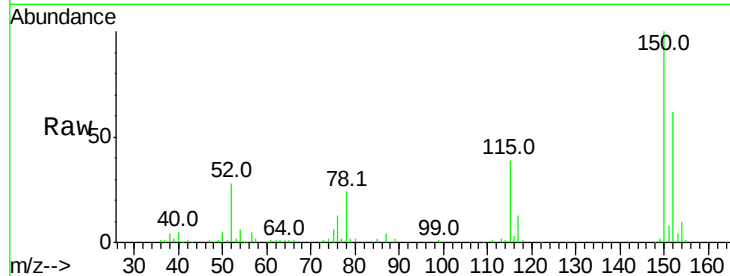


#1

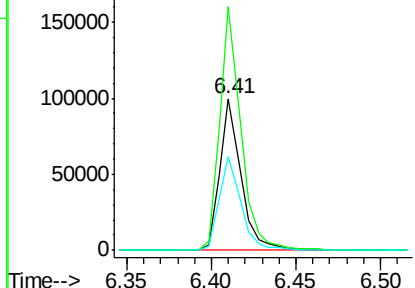
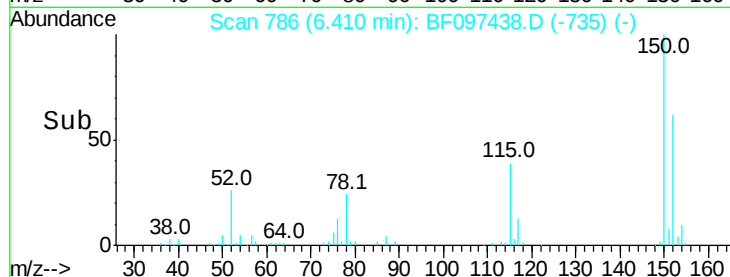
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.41 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF097438.D
 Acq: 7 Aug 2017 19:27

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BN

Tot Ion:152 Resp: 88195
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.2 189.2
 115 62.3 52.2 78.2



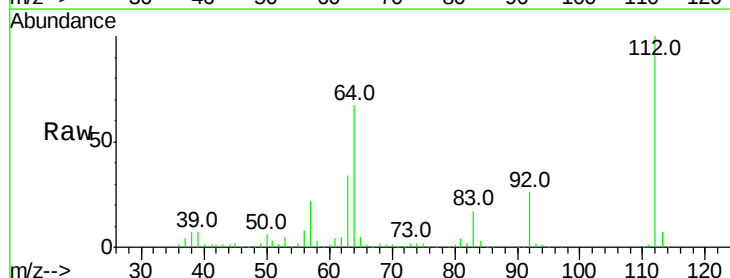
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



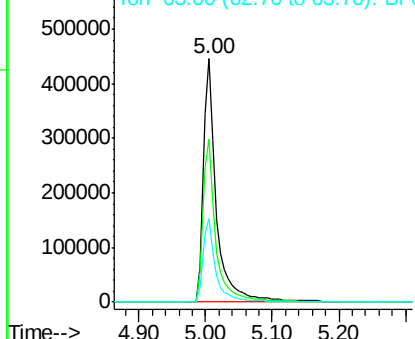
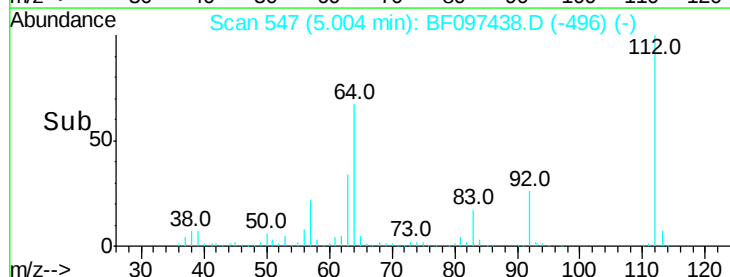
#5

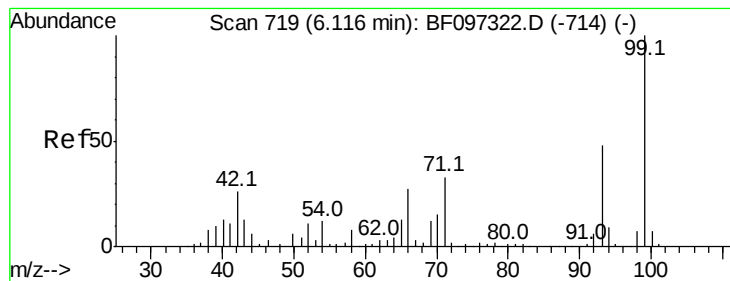
2-Fluorophenol
 Concen: 102.256 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097438.D
 Acq: 7 Aug 2017 19:27

Tgt Ion:112 Resp: 598245
 Ion Ratio Lower Upper
 112 100
 64 67.0 46.0 69.0
 63 34.3 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: 93.469 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

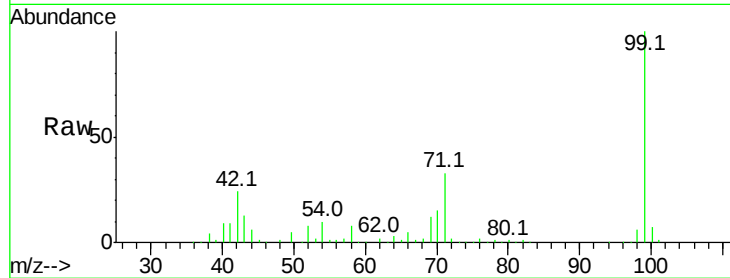
Tot Ion: 99 Resp: 624279

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

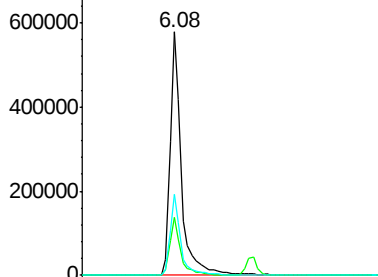
71 33.4 24.5 36.7



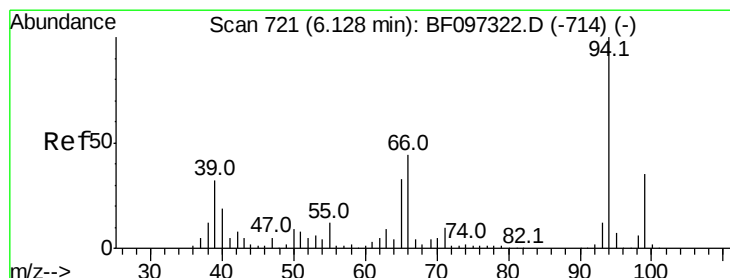
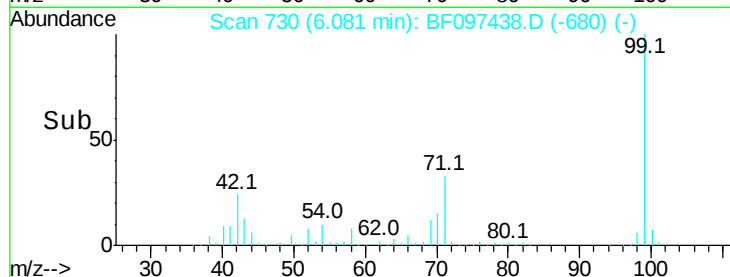
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 3.002 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

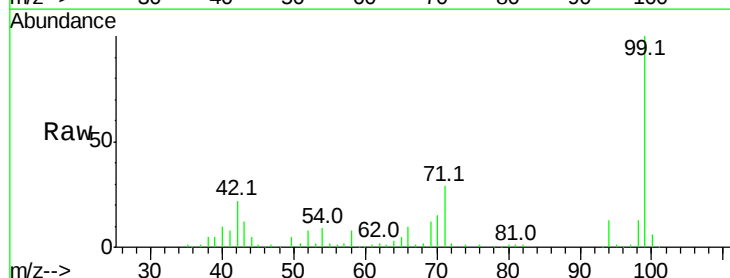
Tgt Ion: 94 Resp: 23786

Ion Ratio Lower Upper

94 100

65 41.4 9.9 49.9

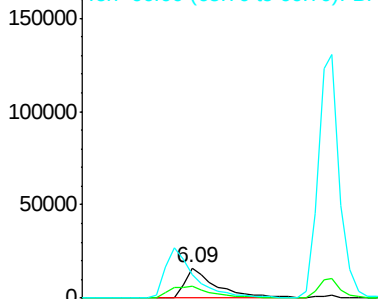
66 78.6 23.1 63.1#



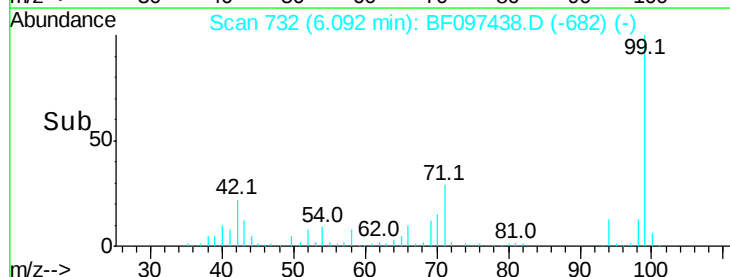
Abundance Ion 94.00 (93.70 to 94.70): BF0

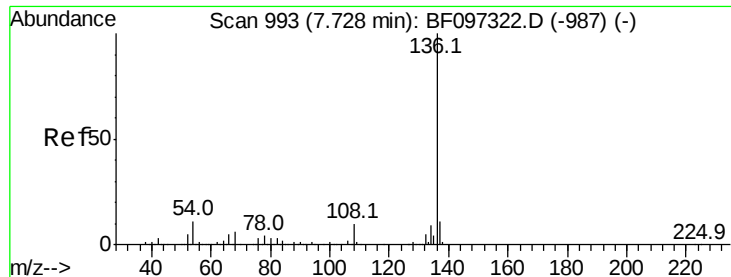
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

Tot Ion:136 Resp: 375803

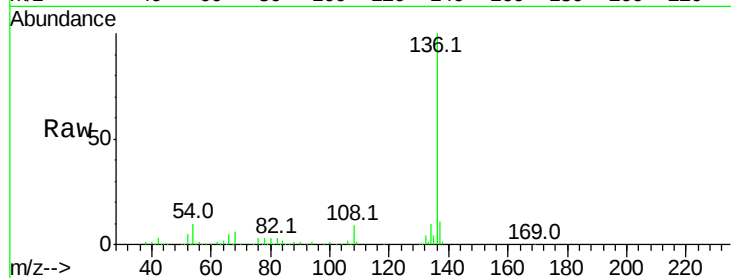
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.1 4.9 7.3#

68 5.6 4.1 6.1

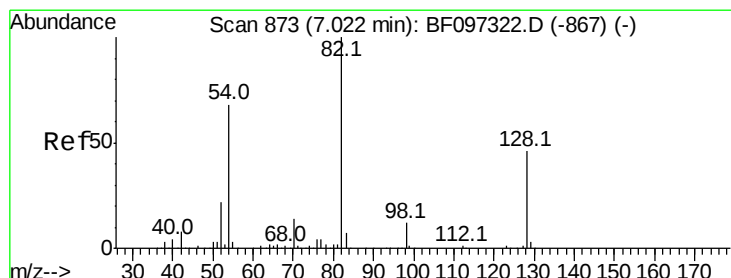
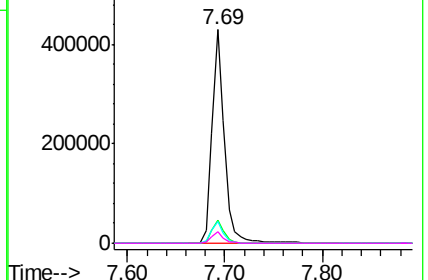
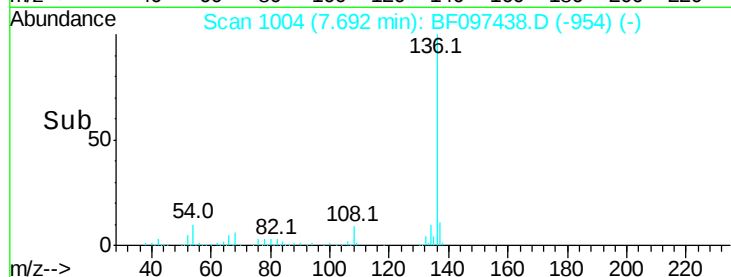


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.289 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

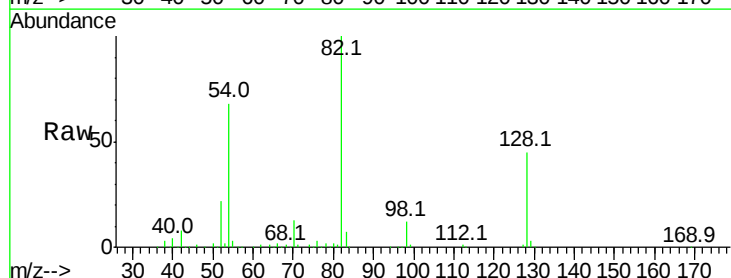
Tgt Ion: 82 Resp: 411836

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

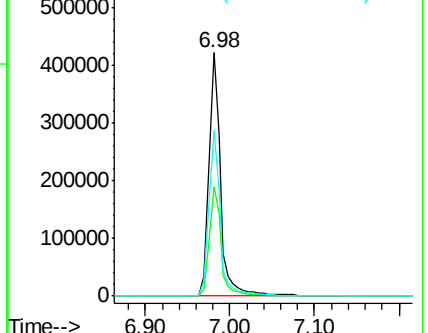
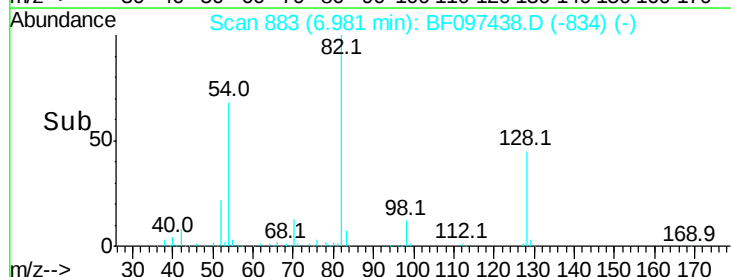
54 68.1 42.2 63.2#

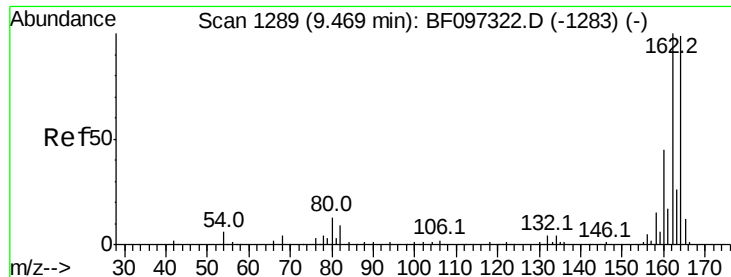


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

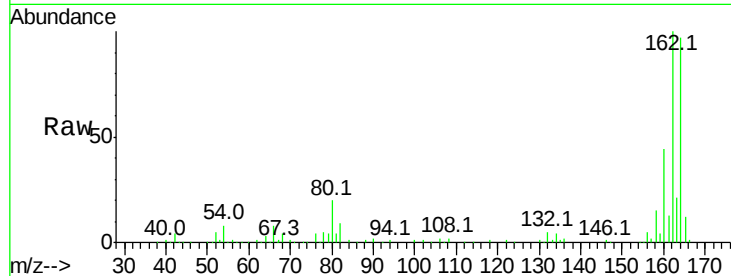




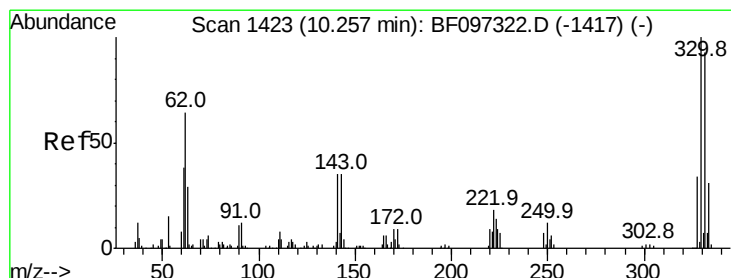
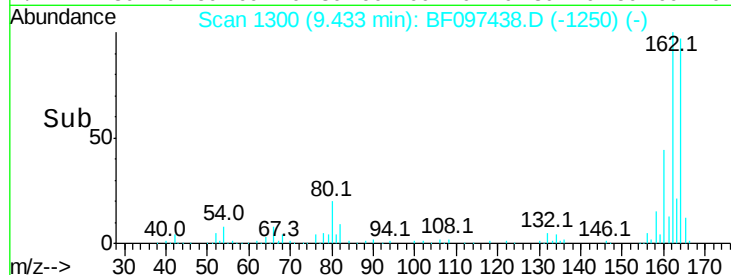
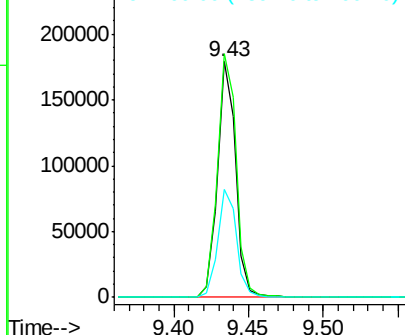
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

Instrument :
BNA_F
ClientSampleId :
TEC-BN

Tot Ion:164 Resp: 152917
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 45.8 36.2 54.2

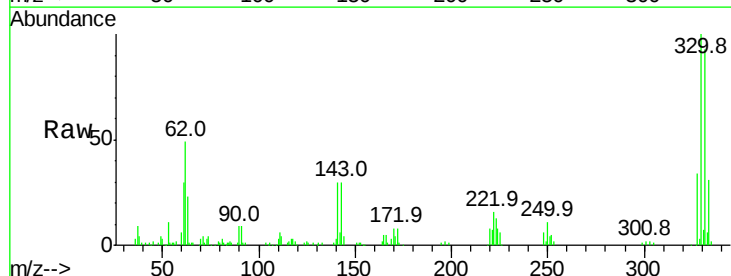


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

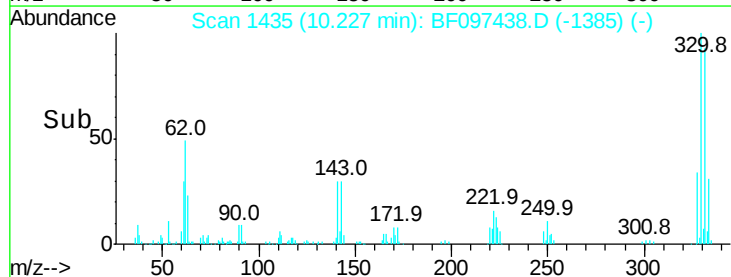
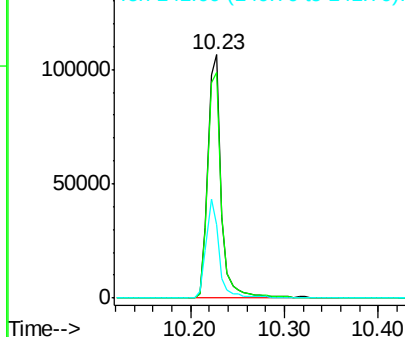


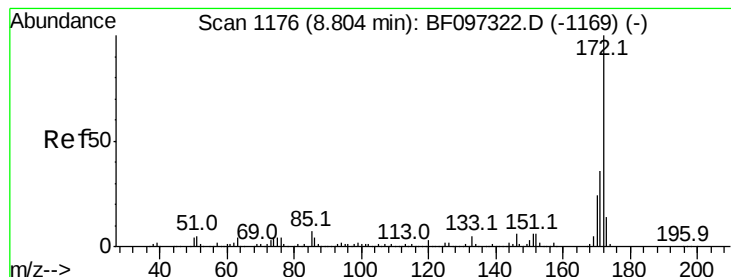
#41
2,4,6-Tribromophenol
Concen: 89.296 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

Tgt Ion:330 Resp: 107887
Ion Ratio Lower Upper
330 100
332 95.7 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

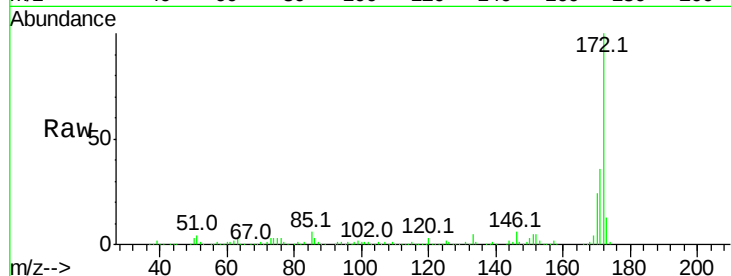




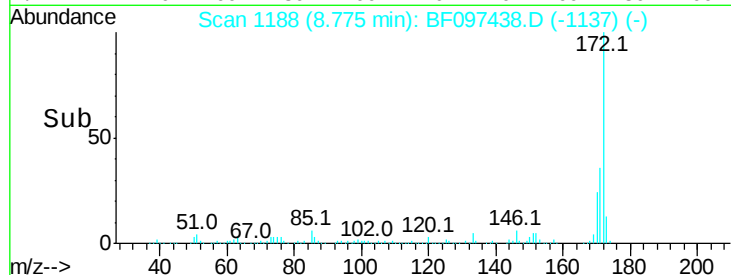
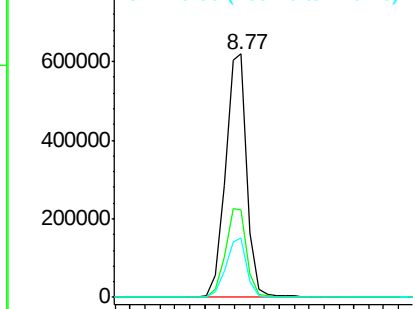
#44
2-Fluorobiphenyl
Concen: 69.784 ng
RT: 8.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

Instrument :
BNA_F
ClientSampleId :
TEC-BN

Tot Ion:172 Resp: 628791
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.4 19.8 29.8

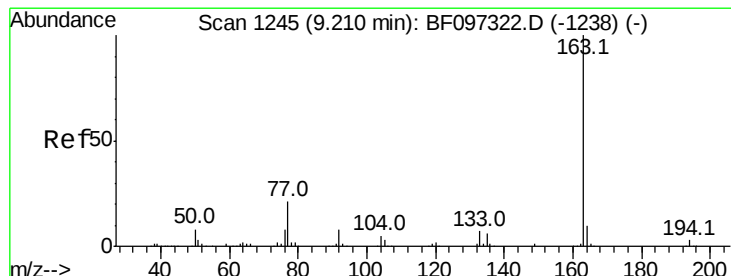


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

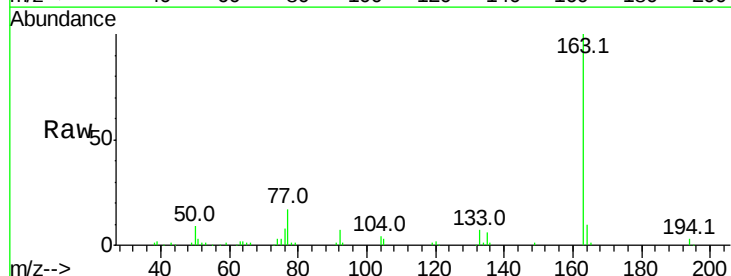
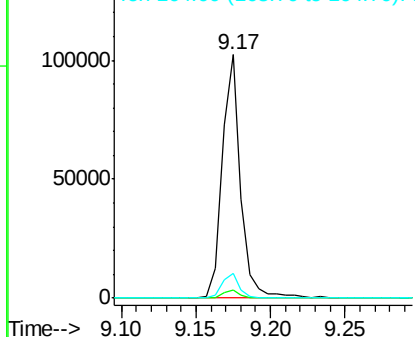


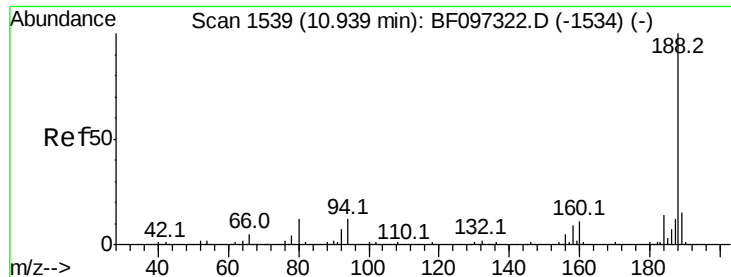
#49
Dimethylphthalate
Concen: 7.618 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097438.D
Acq: 7 Aug 2017 19:27

Tgt Ion:163 Resp: 88459
Ion Ratio Lower Upper
163 100
194 3.3 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: 20.000 ng

RT: 10.91 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

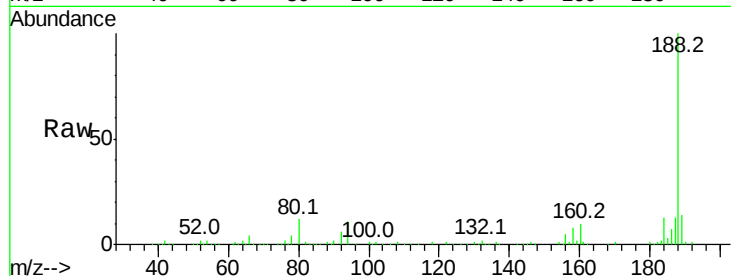
Tot Ion:188 Resp: 241120

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

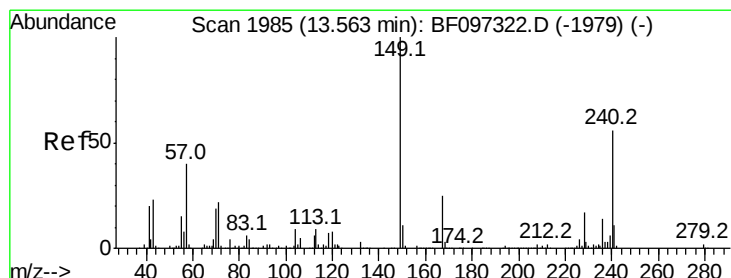
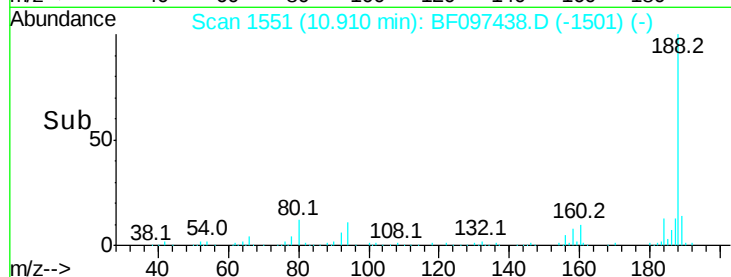
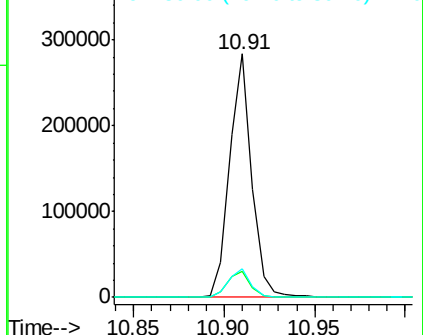
80 11.7 10.2 15.2



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: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

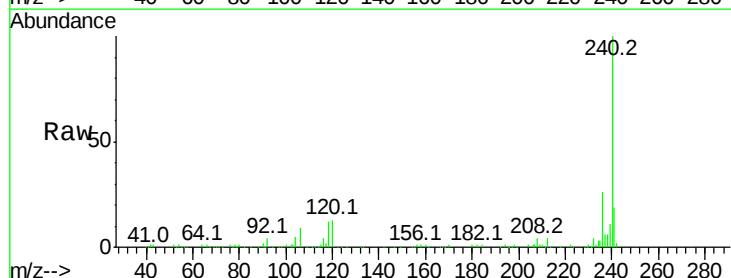
Tgt Ion:240 Resp: 201863

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

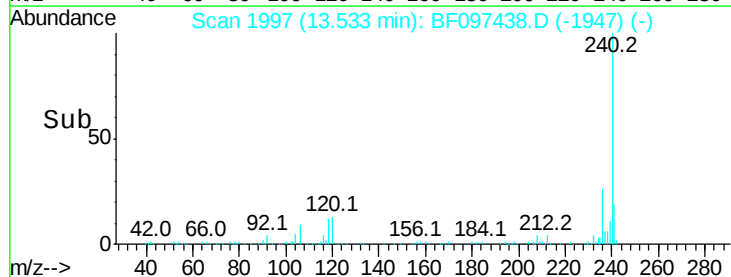
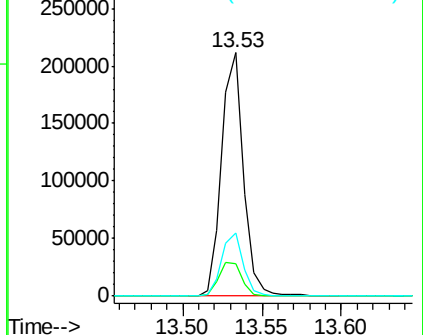
236 25.8 20.5 30.7

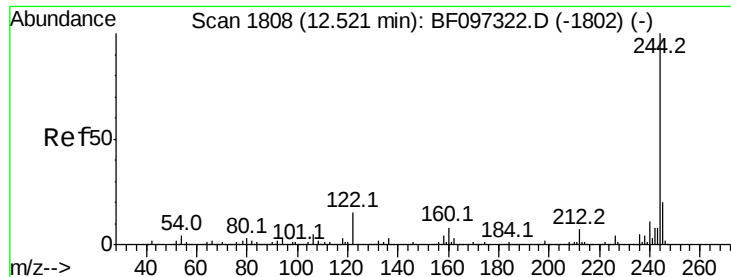


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 42.433 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

Instrument :

BNA_F

ClientSampleId :

TEC-BN

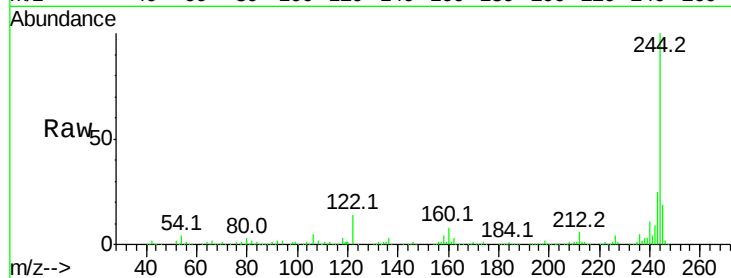
Tot Ion:244 Resp: 420120

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

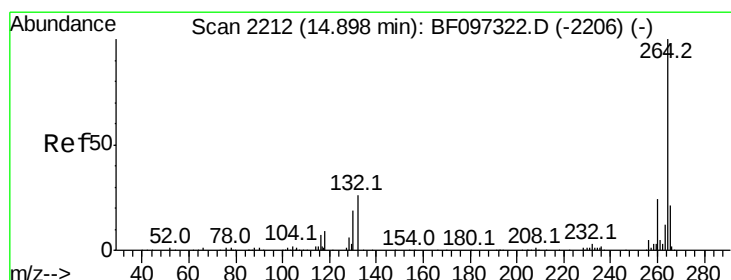
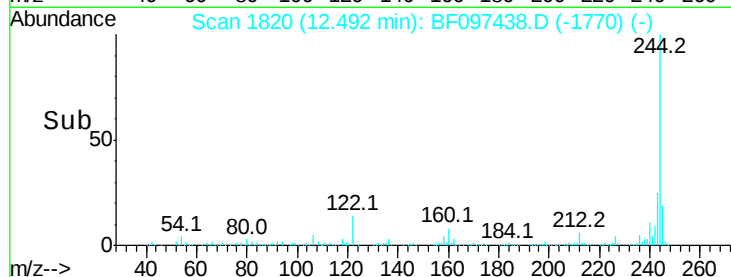
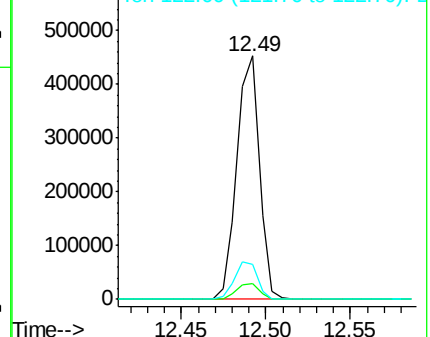
122 14.1 10.3 15.5



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: 20.000 ng

RT: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097438.D

Acq: 7 Aug 2017 19:27

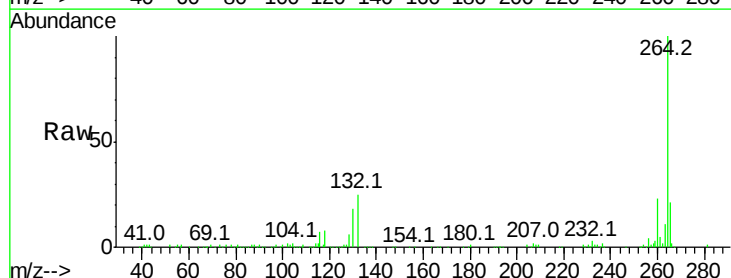
Tgt Ion:264 Resp: 178375

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.3 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

