

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097132.D
 Acq On : 27 Jul 2017 19:45
 Operator : SJ/JU
 Sample : I4424-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-A

Quant Time: Jul 28 01:32:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

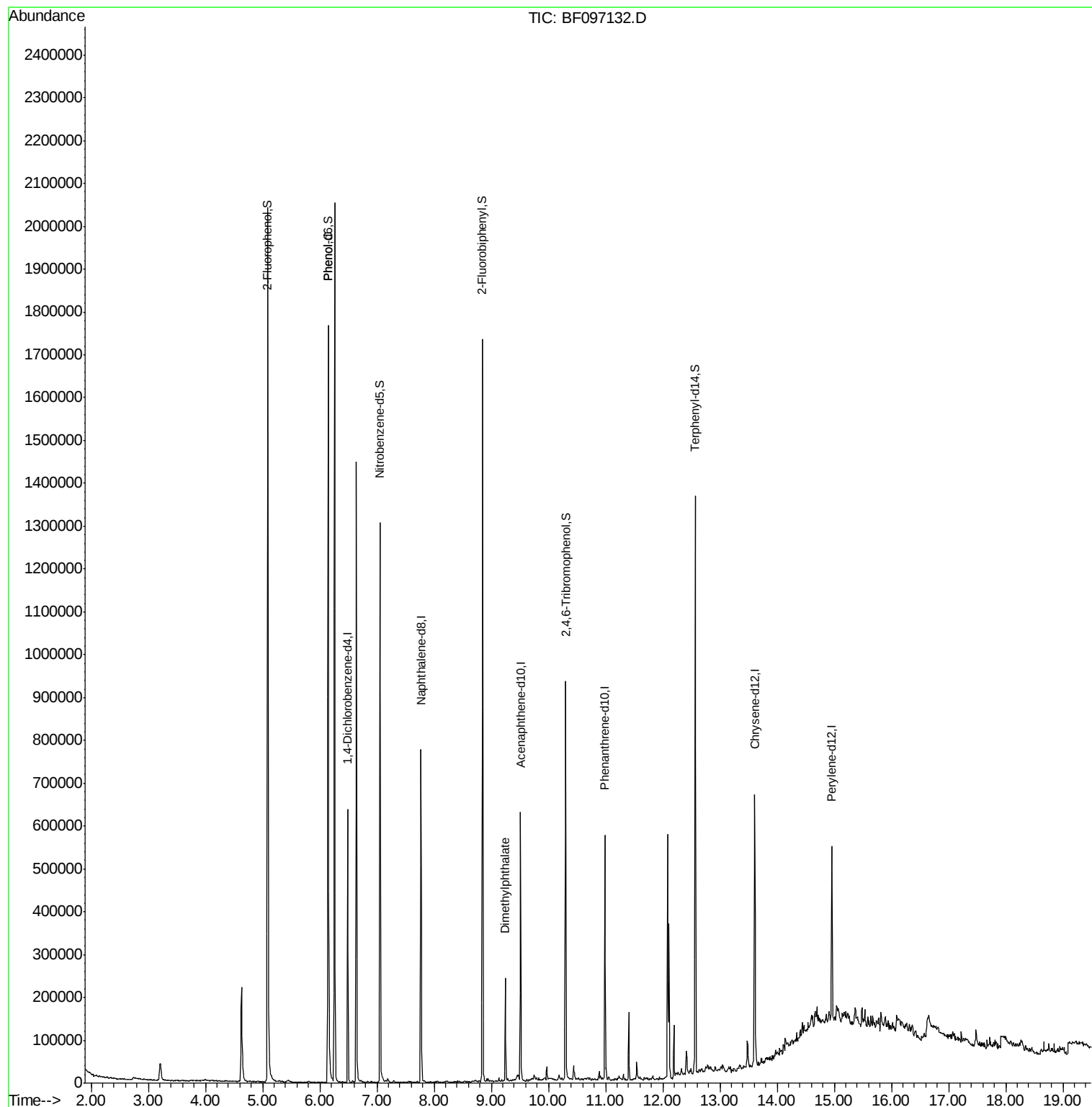
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	90299	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	333672	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	127190	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	188818	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	198372	20.00	ng	-0.02
86) Perylene-d12	14.96	264	165682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	590368	98.56	ng	-0.01
7) Phenol-d6	6.15	99	616778	90.19	ng	-0.02
23) Nitrobenzene-d5	7.05	82	377903	66.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	91621	91.17	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	504113	67.26	ng	-0.02
78) Terphenyl-d14	12.57	244	374823	38.52	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	21173	2.610	ng	82
49) Dimethylphthalate	9.25	163	86708	8.977	ng	97

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

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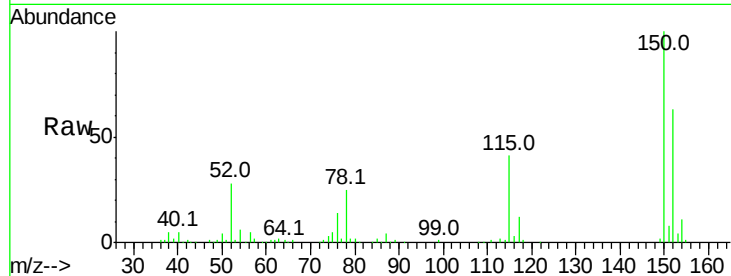


#1

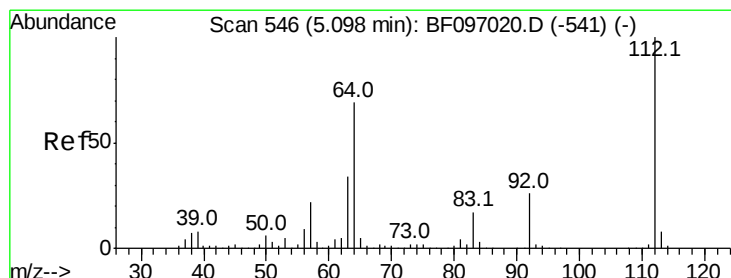
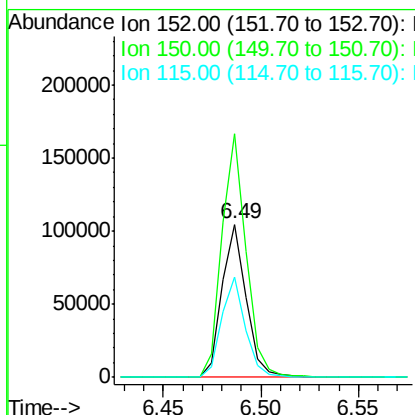
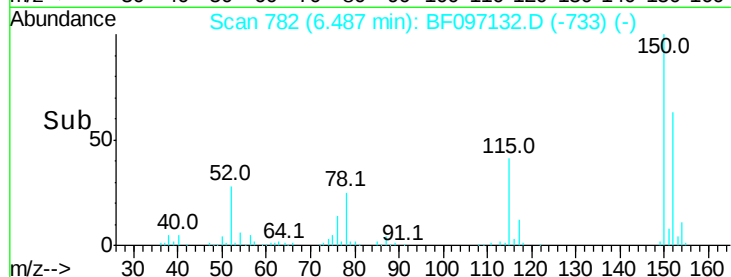
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-A

Tot Ion:152 Resp: 90299
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 65.2 52.2 78.2



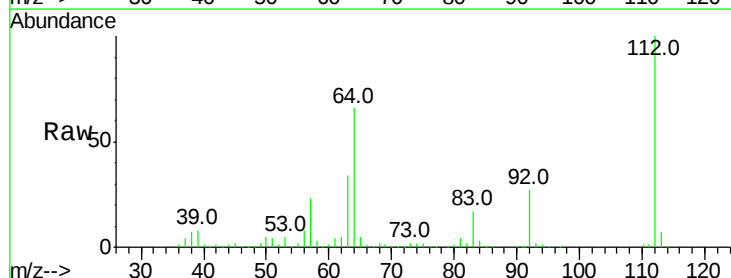
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



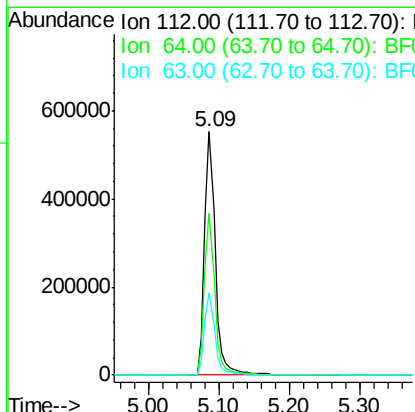
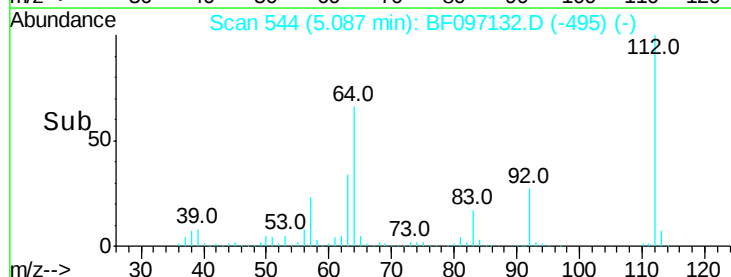
#5

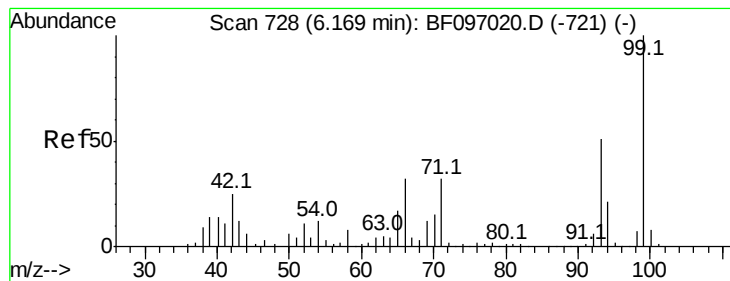
2-Fluorophenol
Concen: 98.558 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Tgt Ion:112 Resp: 590368
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.8 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: 90.194 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-A

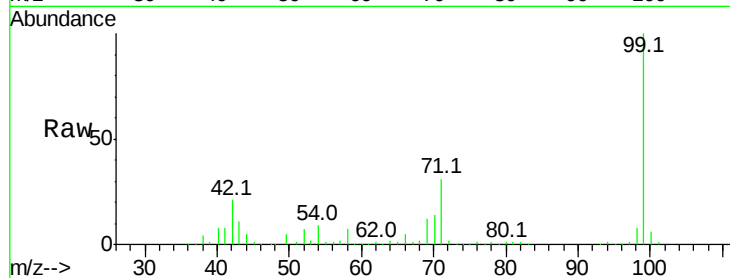
Tot Ion: 99 Resp: 616778

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

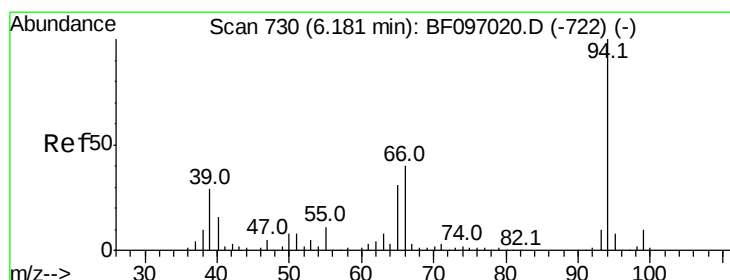
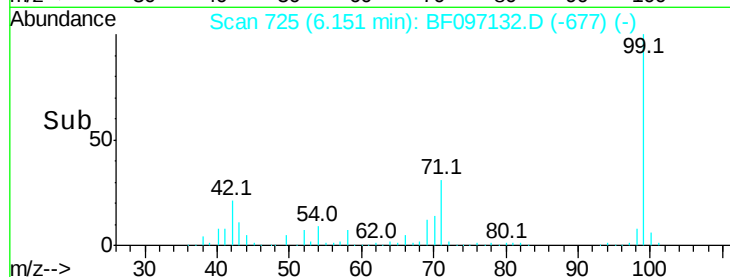
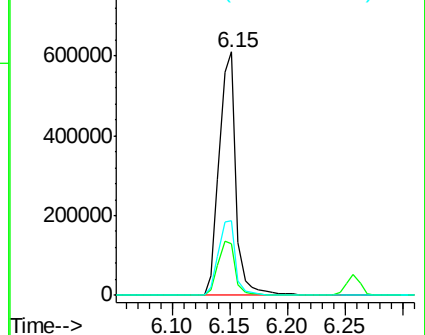
71 30.8 24.5 36.7



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



#10

Phenol

Concen: 2.610 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

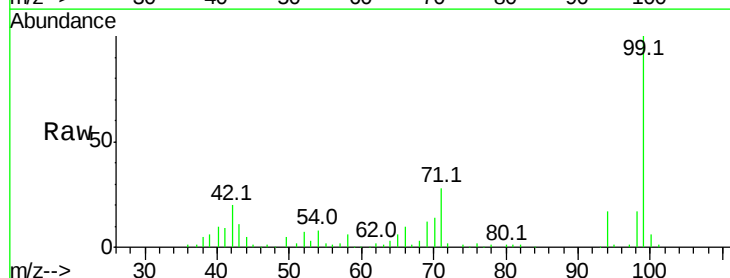
Tgt Ion: 94 Resp: 21173

Ion Ratio Lower Upper

94 100

65 34.8 9.9 49.9

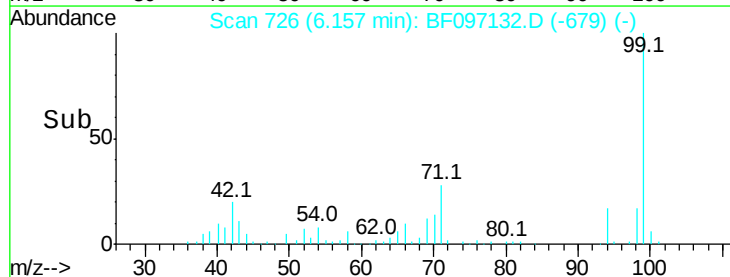
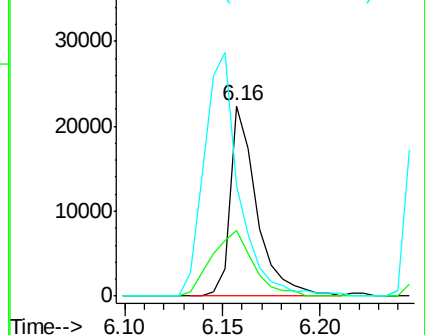
66 58.5 23.1 63.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-A

Tot Ion:136 Resp: 333672

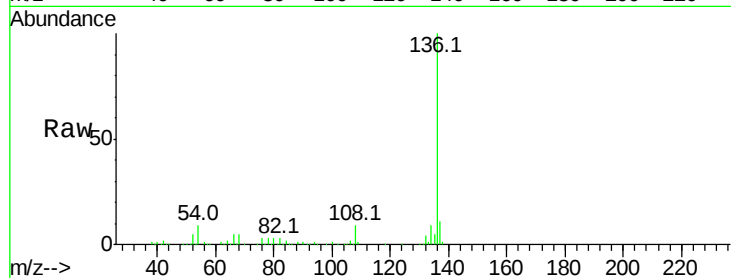
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.5 4.9 7.3#

68 4.8 4.1 6.1

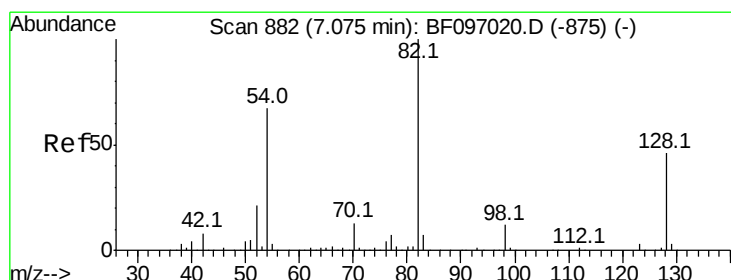
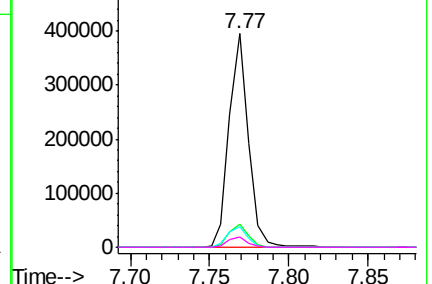
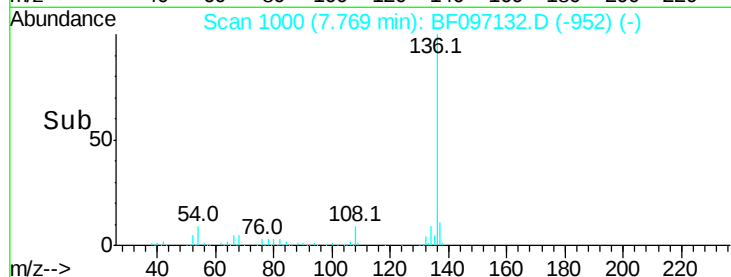


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.440 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

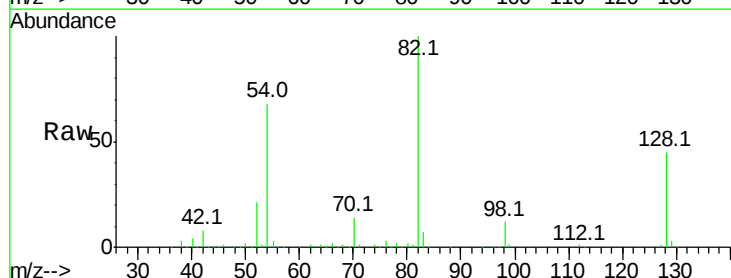
Tgt Ion: 82 Resp: 377903

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

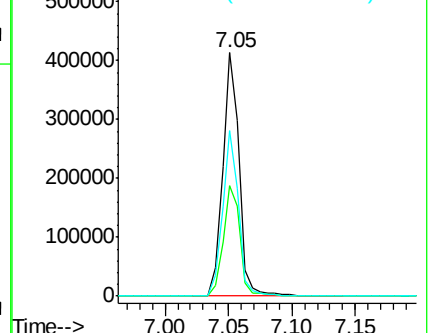
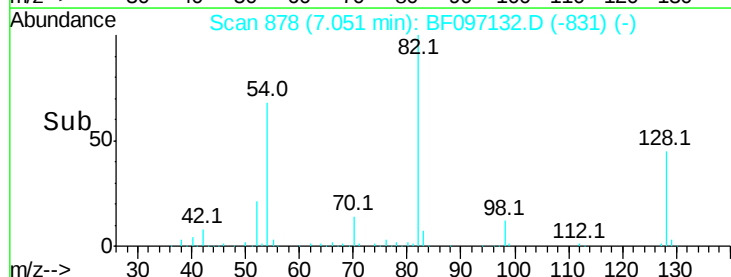
54 68.0 42.2 63.2#

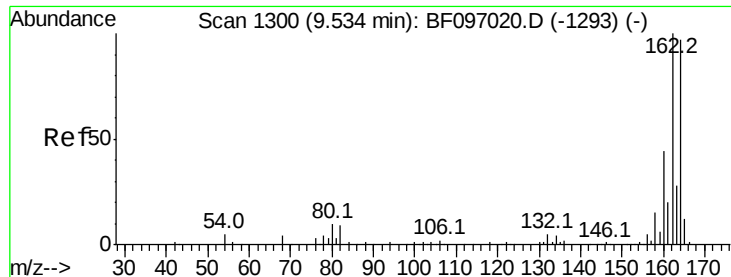


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

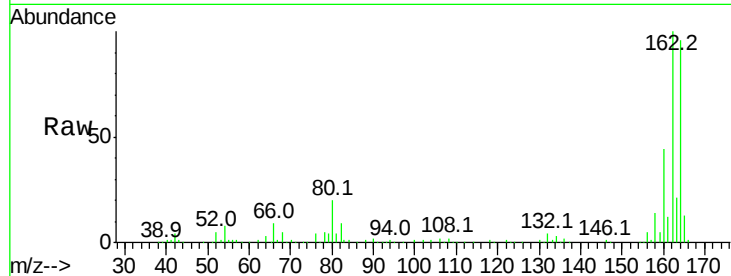




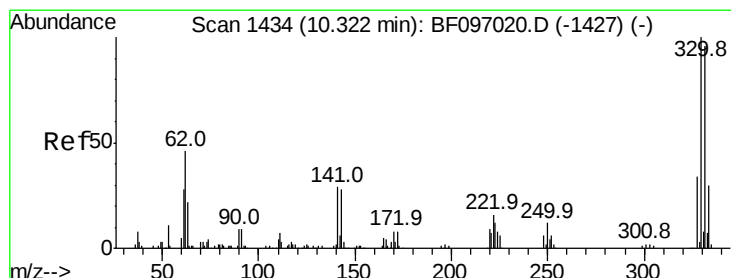
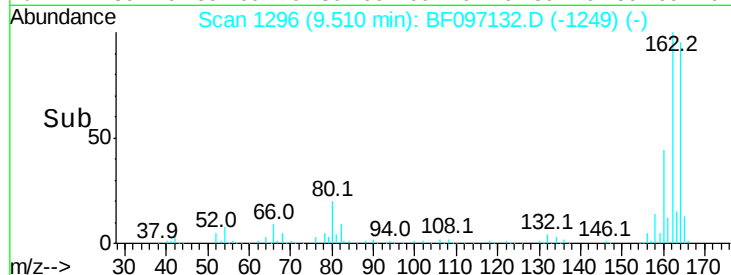
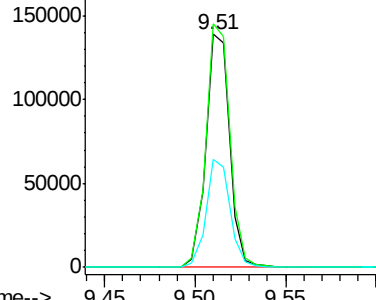
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-A

Tot Ion:164 Resp: 127190
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 46.2 36.2 54.2

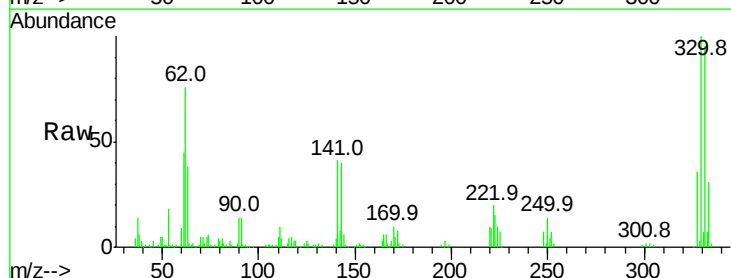


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

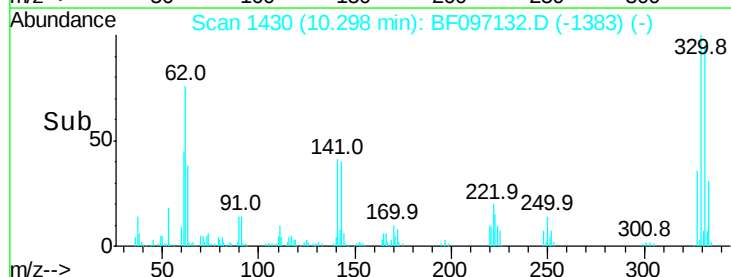
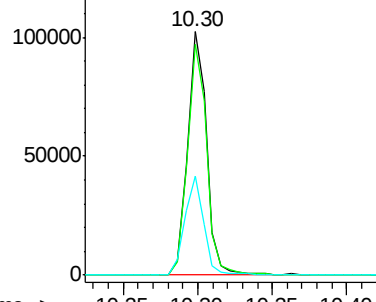


#41
2,4,6-Tribromophenol
Concen: 91.172 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Tgt Ion:330 Resp: 91621
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 40.2 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

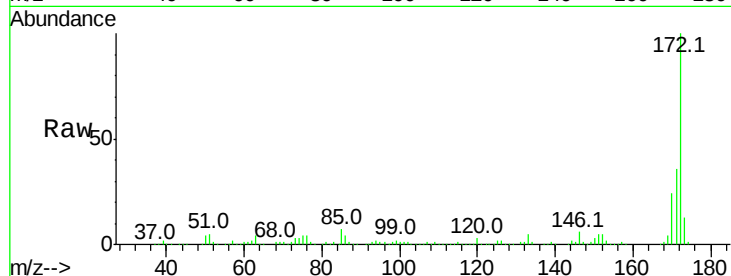




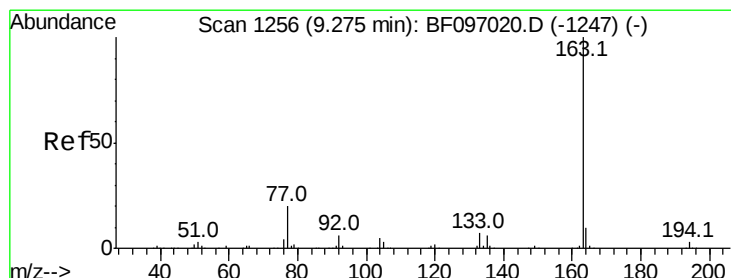
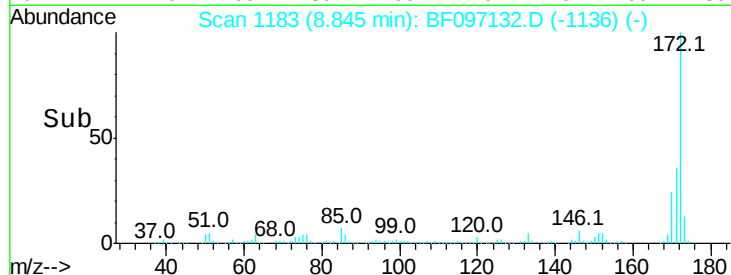
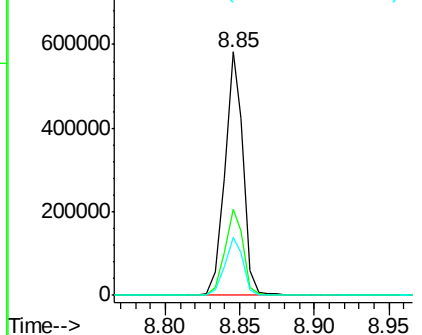
#44
2-Fluorobiphenyl
Concen: 67.264 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-A

Tot Ion:172 Resp: 504113
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.7 19.8 29.8

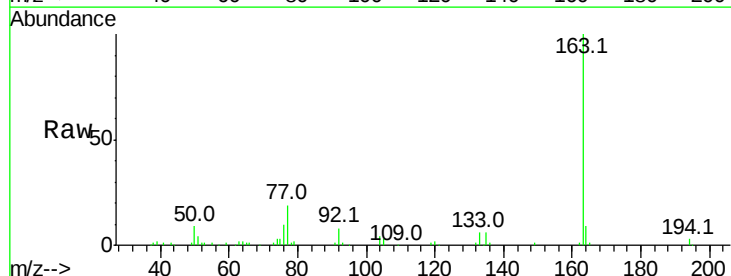


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

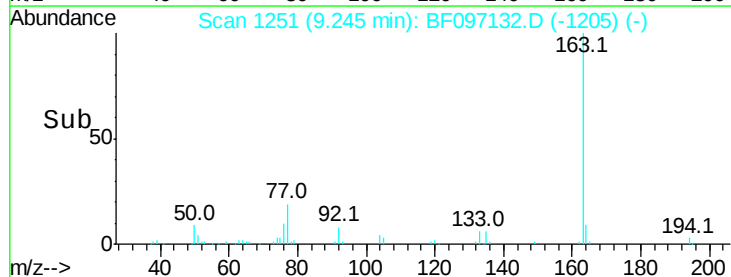
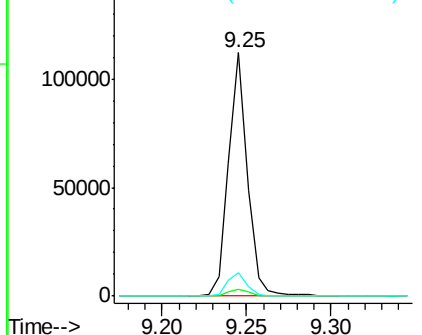


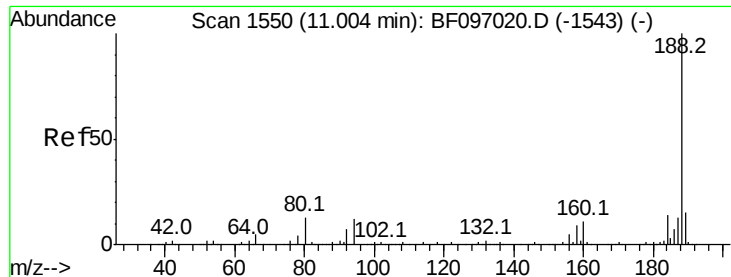
#49
Dimethylphthalate
Concen: 8.977 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Tgt Ion:163 Resp: 86708
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 9.4 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: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-A

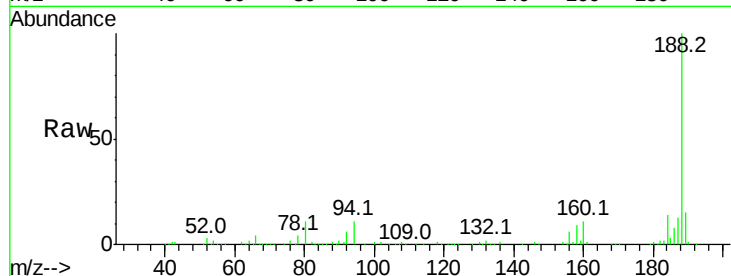
Tot Ion:188 Resp: 188818

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

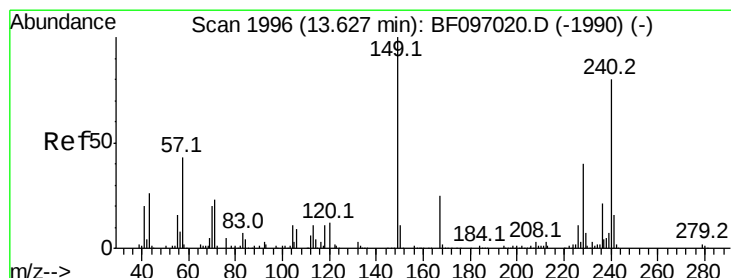
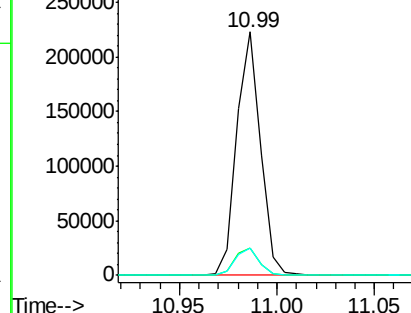
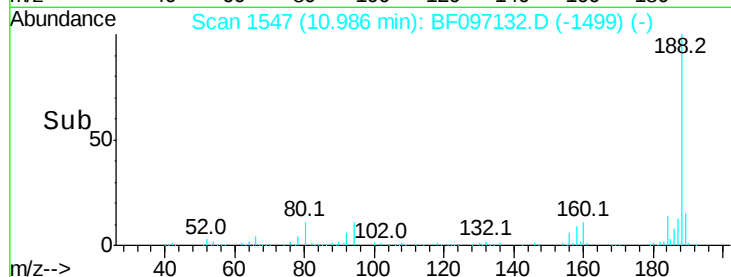
80 11.3 10.2 15.2



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: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

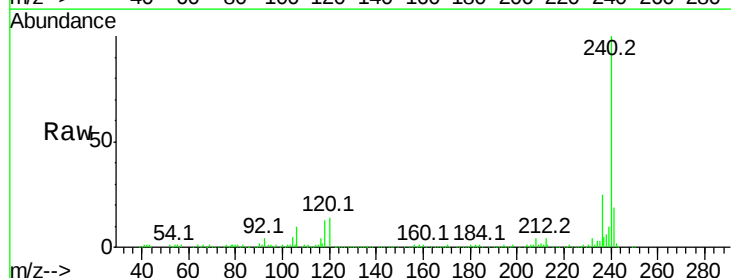
Tgt Ion:240 Resp: 198372

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

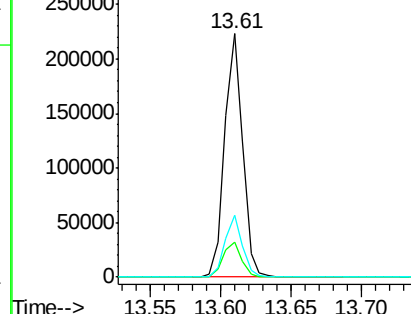
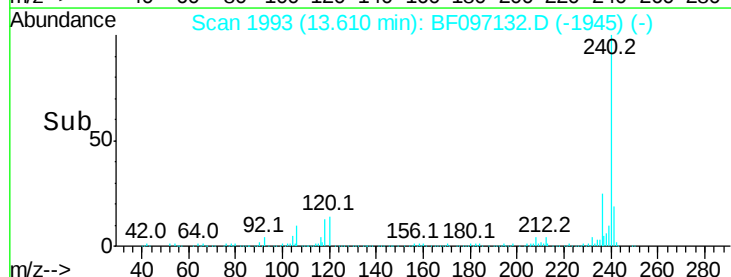
236 25.5 20.5 30.7

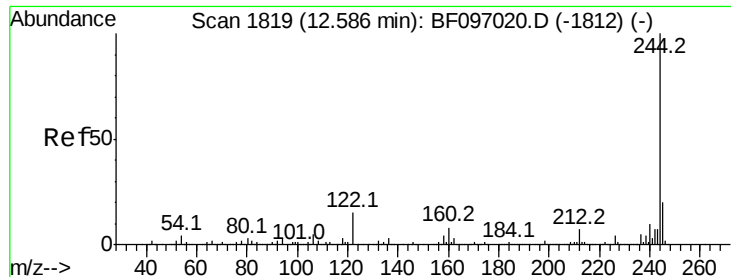


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 38.524 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

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AU-06-072417-A

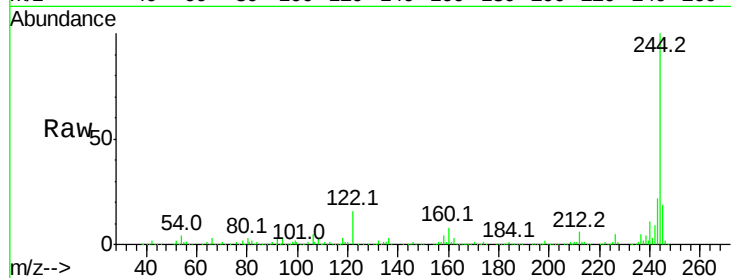
Tot Ion:244 Resp: 374823

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

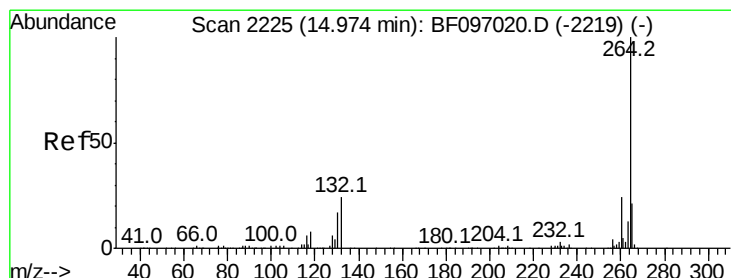
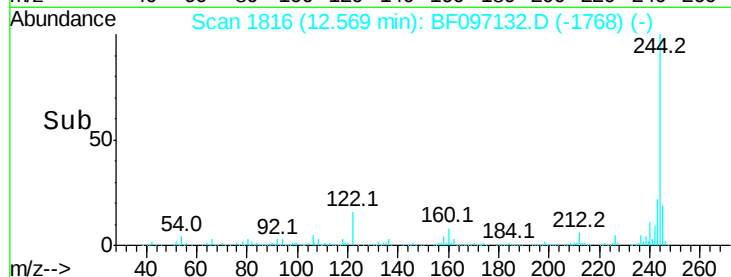
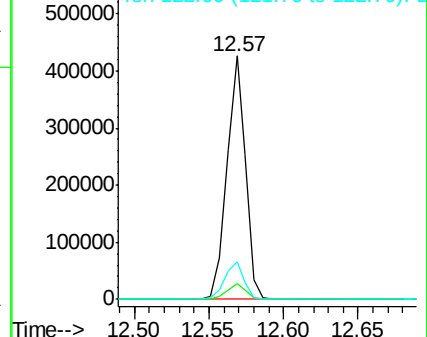
122 15.6 10.3 15.5#



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: 14.96 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

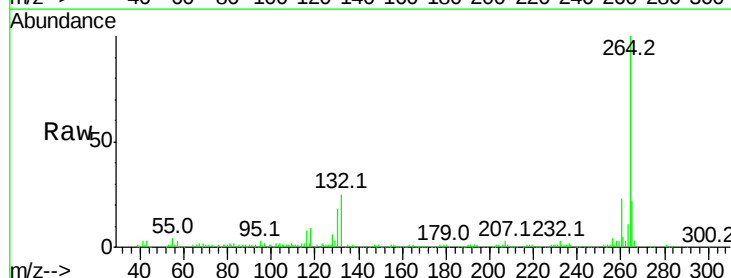
Tgt Ion:264 Resp: 165682

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.8 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

