

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097171.D
 Acq On : 28 Jul 2017 23:18
 Operator : SJ/JU
 Sample : I4456-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10D56

Quant Time: Jul 29 01:17:25 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

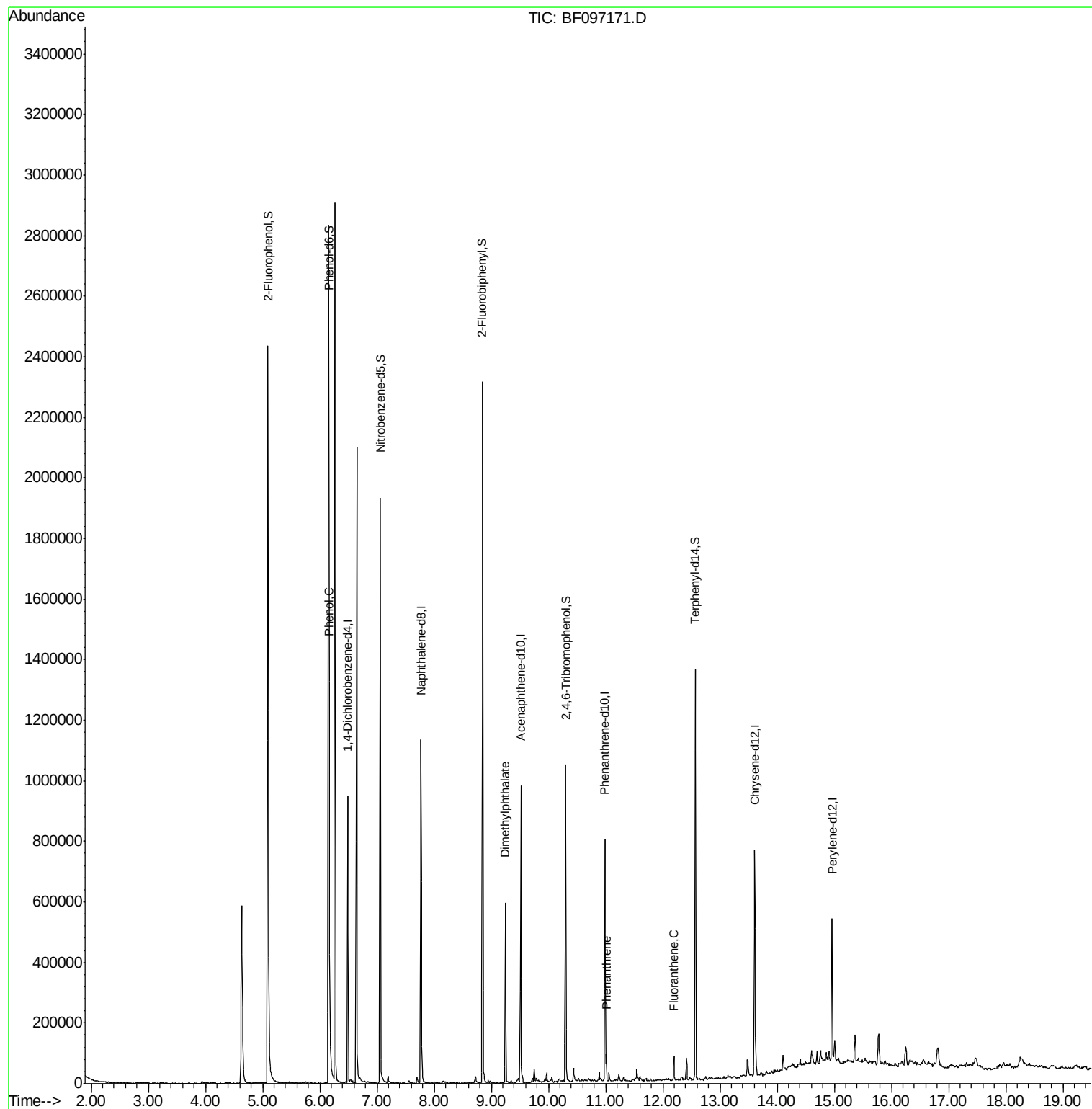
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	124944	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	490772	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	196803	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	259061	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	231480	20.00	ng	-0.02
86) Perylene-d12	14.96	264	185780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	816384	98.50	ng	0.00
7) Phenol-d6	6.16	99	1069090	112.99	ng	-0.01
23) Nitrobenzene-d5	7.06	82	578024	69.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	102623	66.00	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	744949	64.24	ng	-0.02
78) Terphenyl-d14	12.57	244	403126	35.51	ng	-0.02
Target Compounds						
10) Phenol	6.17	94	30257	2.696	ng	89
49) Dimethylphthalate	9.25	163	211032	14.121	ng	98
70) Phenanthrene	11.01	178	28966	2.087	ng	99
74) Fluoranthene	12.19	202	29149	2.144	ng	97

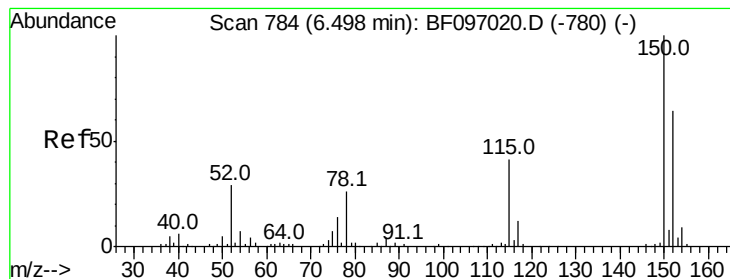
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097171.D

Acq: 28 Jul 2017 23:18

Instrument :

BNA_F

ClientSampleId :

TP-10D56

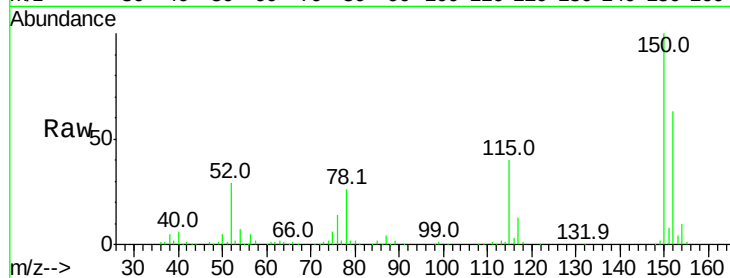
Tot Ion:152 Resp: 124944

Ion Ratio Lower Upper

152 100

150 159.0 126.2 189.2

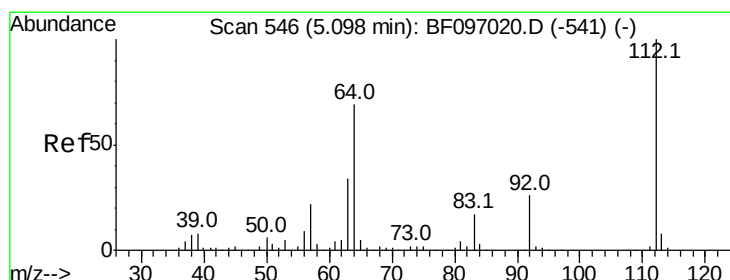
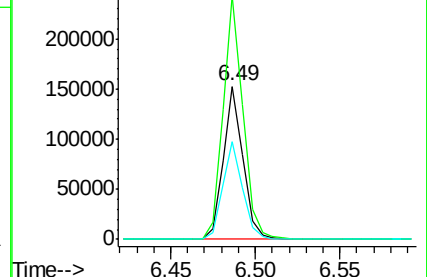
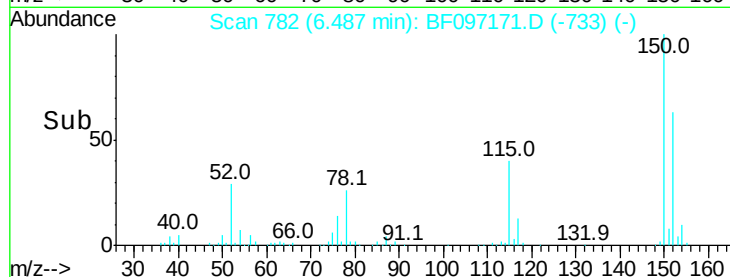
115 64.2 52.2 78.2



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: 98.499 ng

RT: 5.09 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

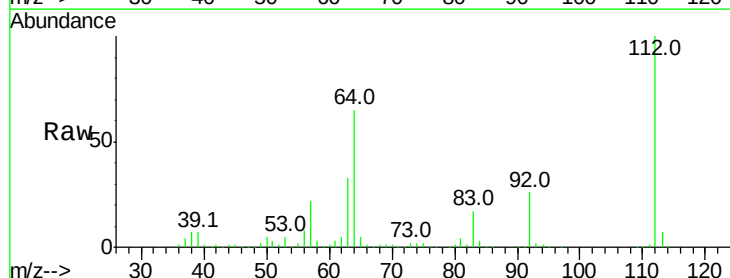
Tgt Ion:112 Resp: 816384

Ion Ratio Lower Upper

112 100

64 65.0 46.0 69.0

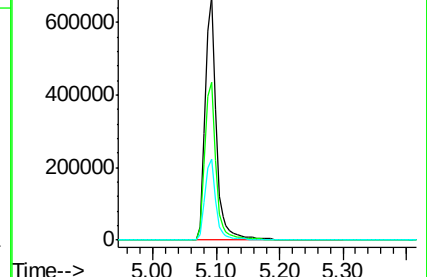
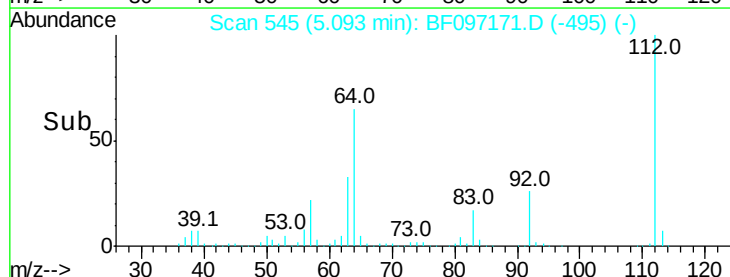
63 33.0 23.4 35.0

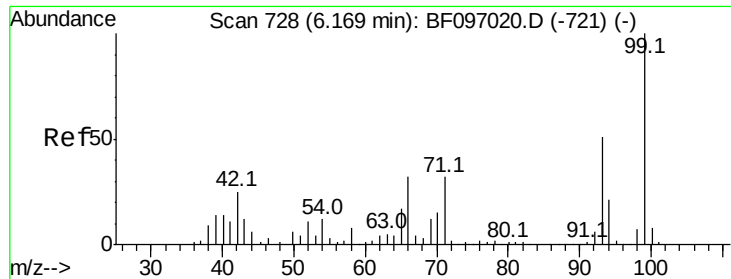


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.988 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

Instrument :

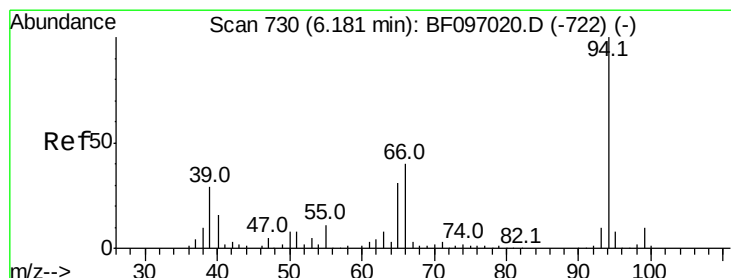
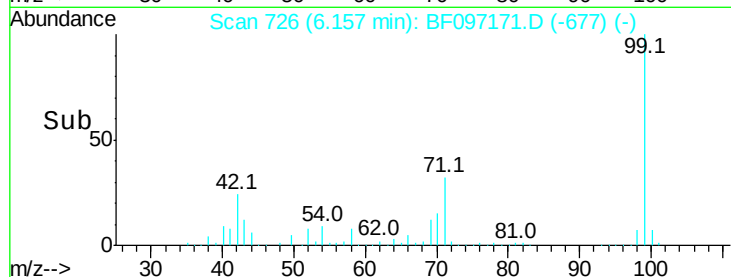
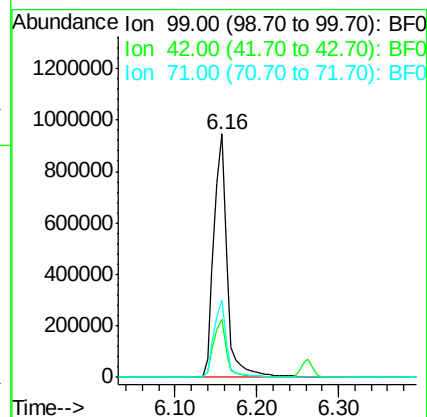
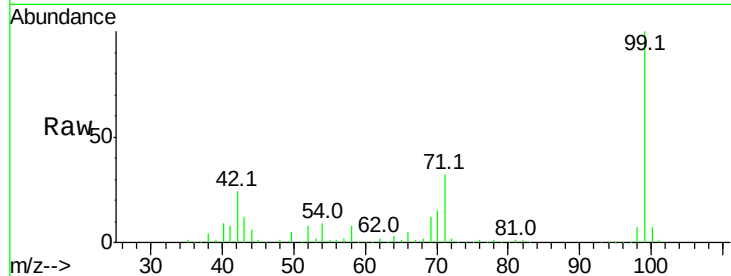
BNA_F

ClientSampled :

TP-10D56

Tot Ion: 99 Resp: 1069090

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	31.6	24.5	36.7



#10

Phenol

Concen: 2.696 ng

RT: 6.17 min Scan# 728

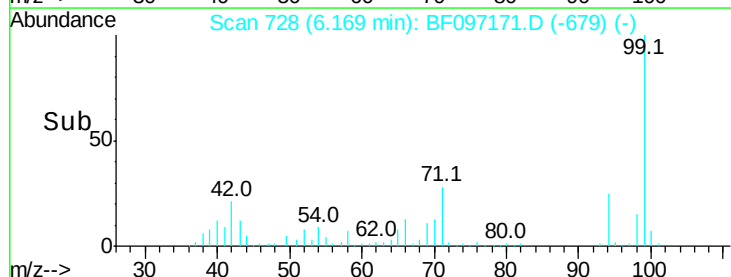
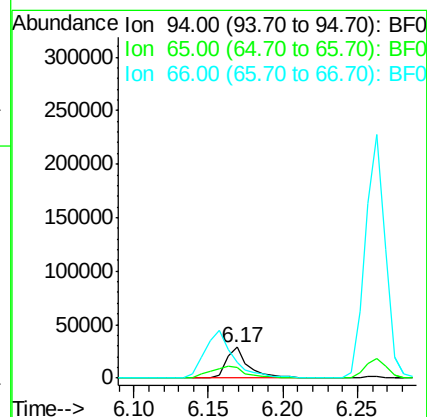
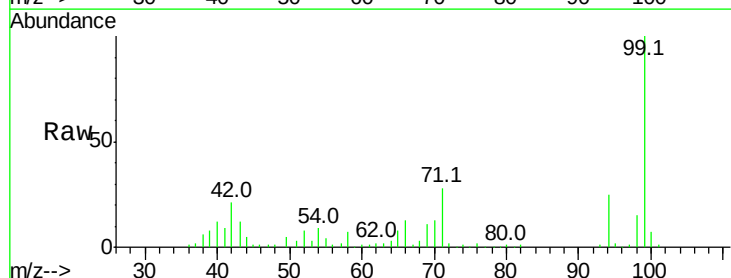
Delta R.T. -0.01 min

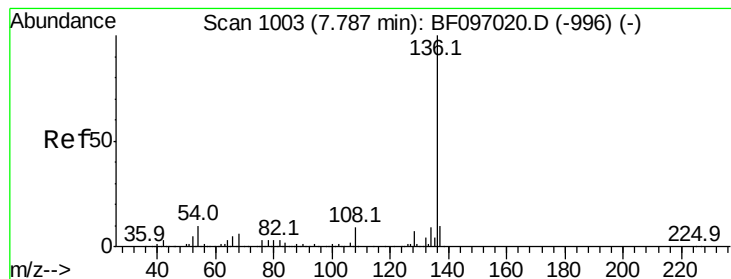
Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

Tgt Ion: 94 Resp: 30257

Ion	Ratio	Lower	Upper
94	100		
65	34.5	9.9	49.9
66	51.2	23.1	63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

Instrument :

BNA_F

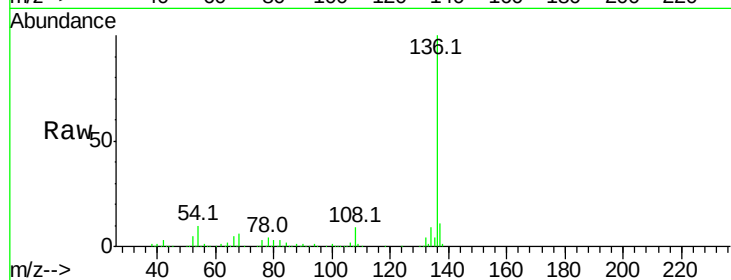
ClientSampleId :

TP-10D56

Tot Ion:136 Resp: 490772

Ion Ratio Lower Upper

136	100		
137	10.9	8.5	12.7
54	10.3	4.9	7.3#
68	5.8	4.1	6.1

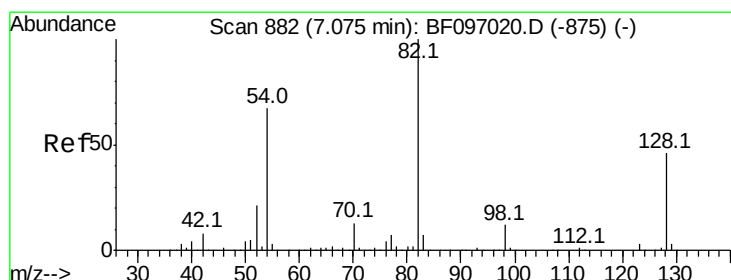
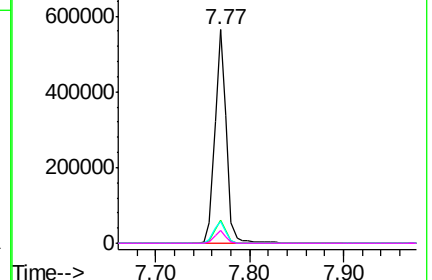
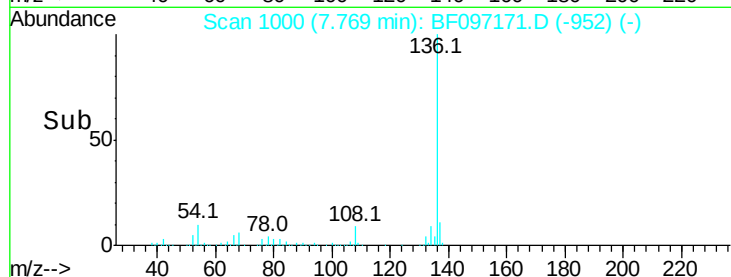


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.094 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

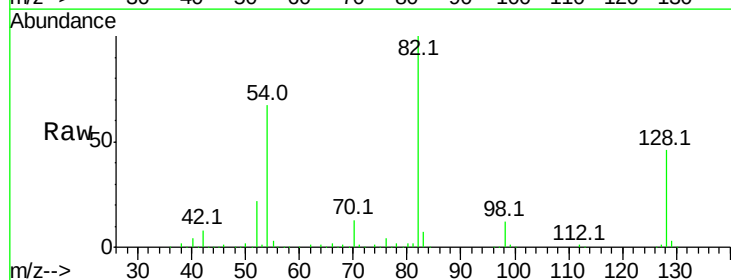
Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

Tgt Ion: 82 Resp: 578024

Ion Ratio Lower Upper

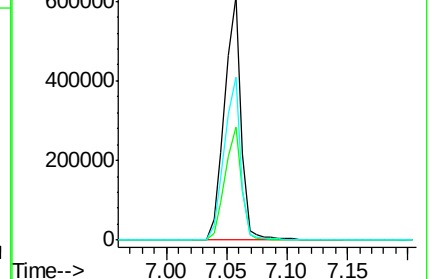
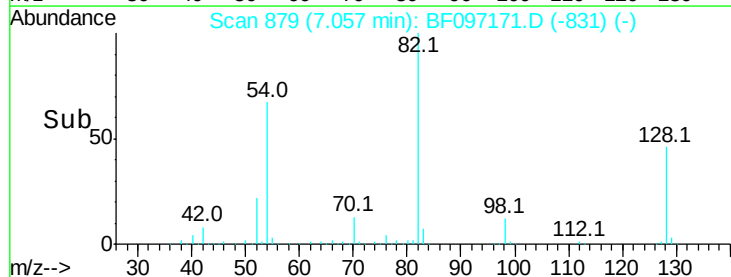
82	100		
128	46.5	34.0	51.0
54	67.0	42.2	63.2#

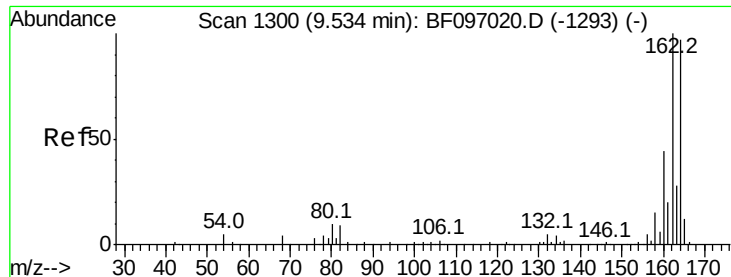


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

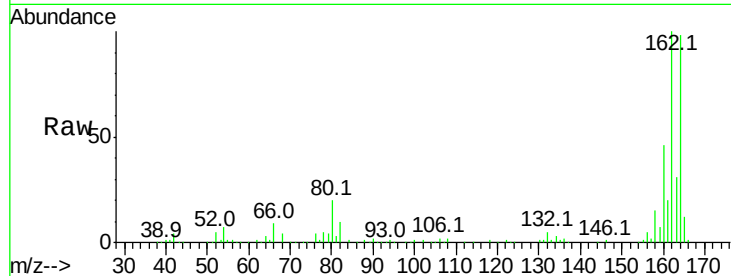




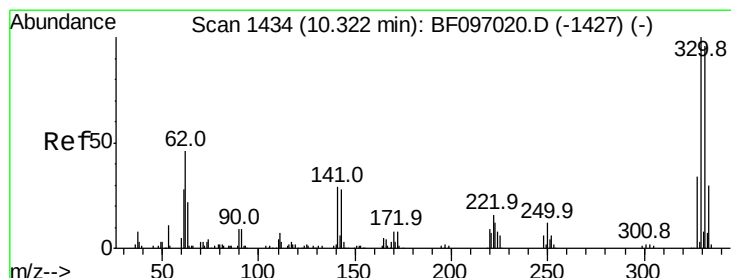
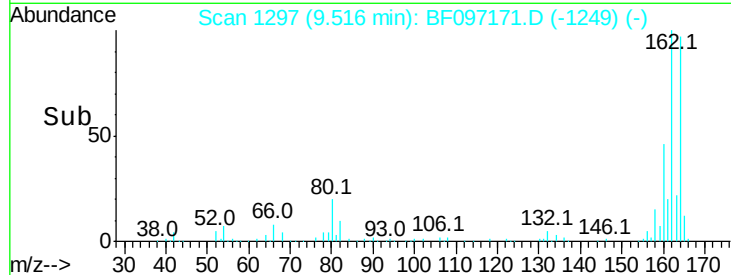
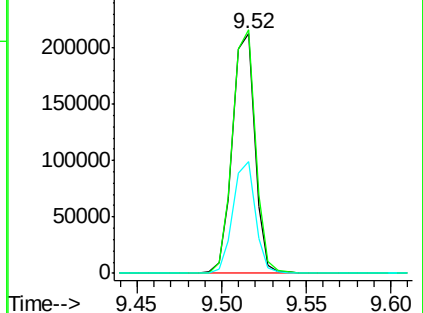
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Instrument :
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 ClientSampleId :
 TP-10D56

Tot Ion:164 Resp: 196803
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 46.6 36.2 54.2

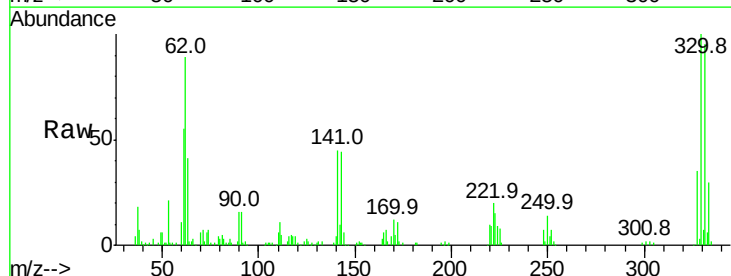


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

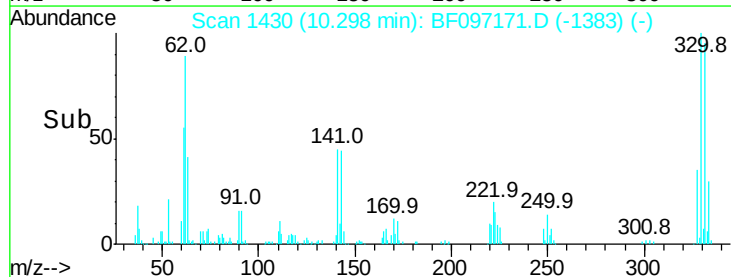
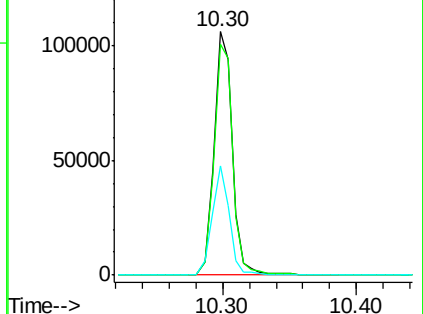


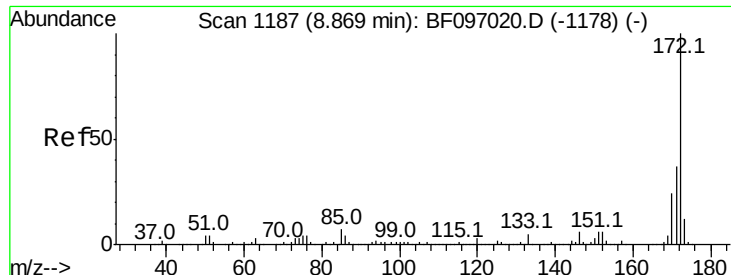
#41
 2,4,6-Tribromophenol
 Concen: 65.998 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Tgt Ion:330 Resp: 102623
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 42.2 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

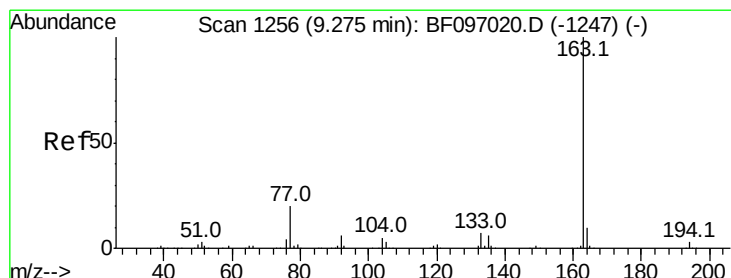
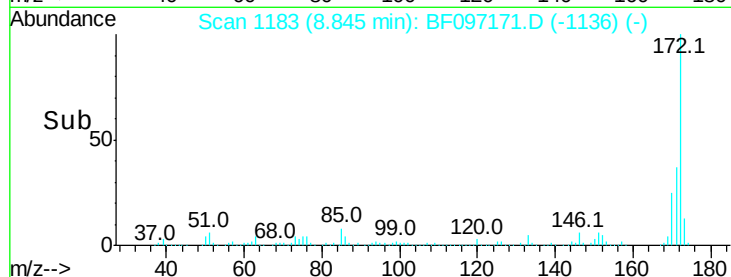
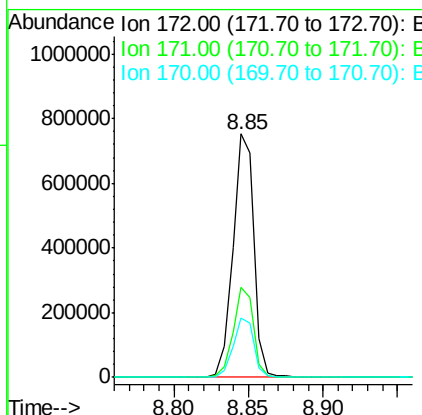
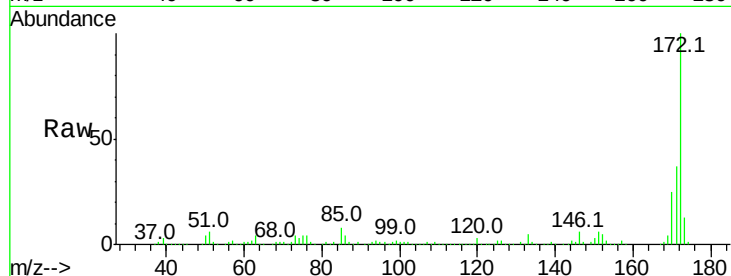




#44
 2-Fluorobiphenyl
 Concen: 64.239 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

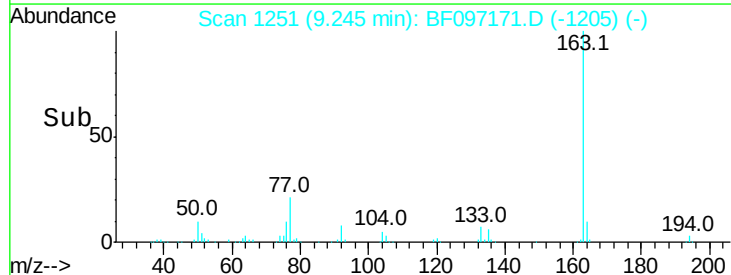
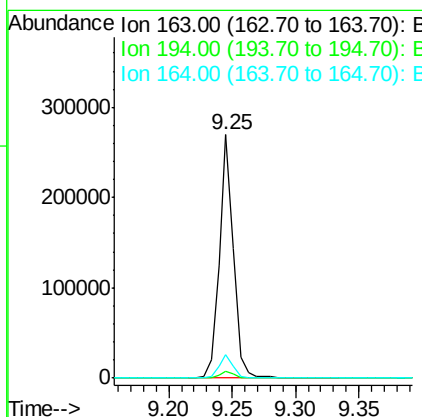
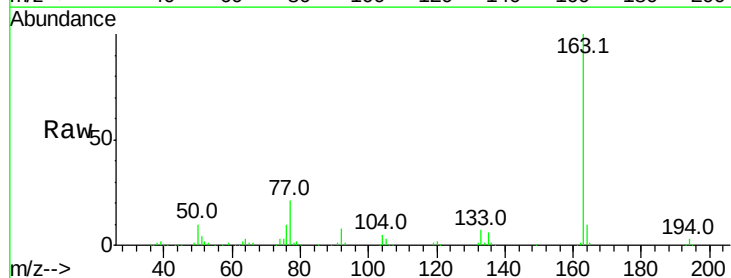
Instrument :
 BNA_F
 ClientSampleId :
 TP-10D56

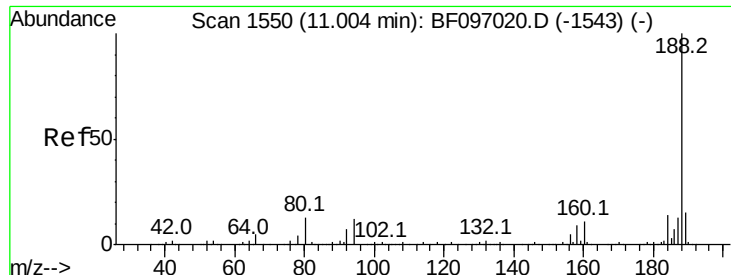
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.5	19.8	29.8



#49
 Dimethylphthalate
 Concen: 14.121 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.9	8.4	12.6

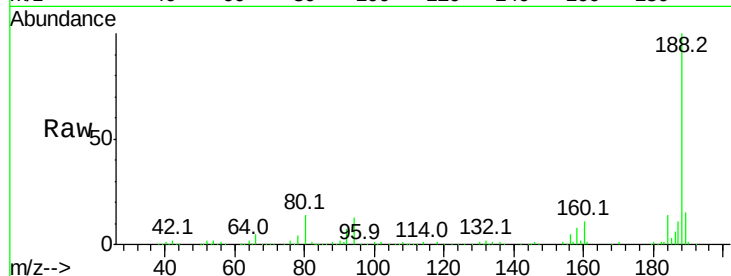




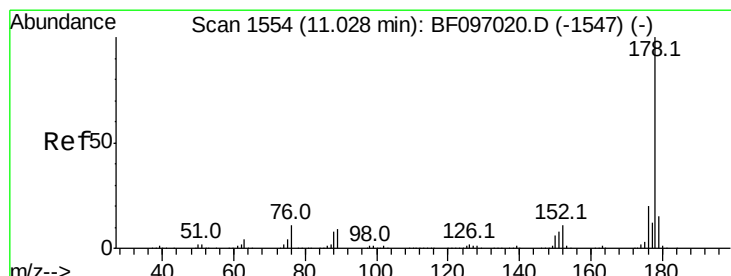
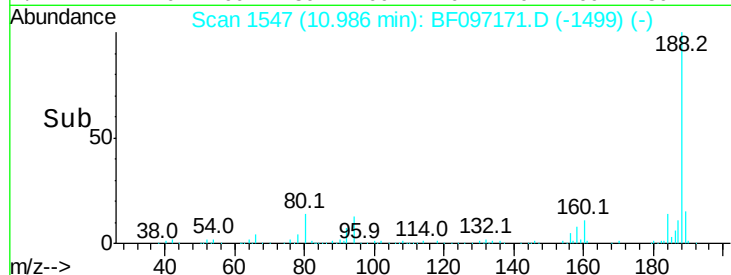
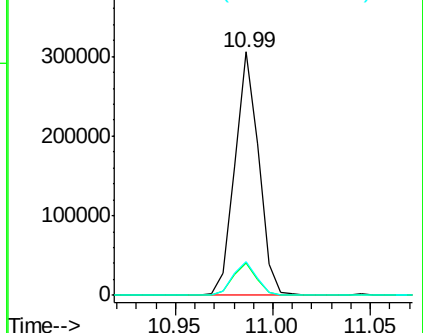
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

Instrument :
BNA_F
ClientSampleId :
TP-10D56

Tot Ion:188 Resp: 259061
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 13.7 10.2 15.2

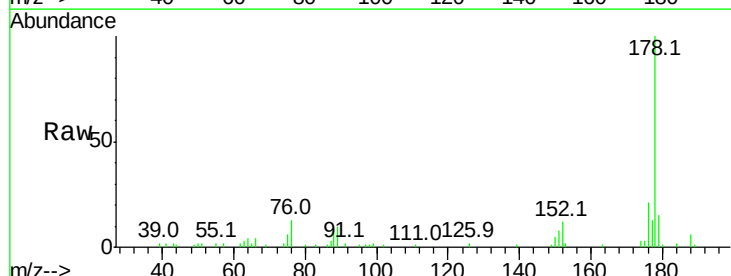


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

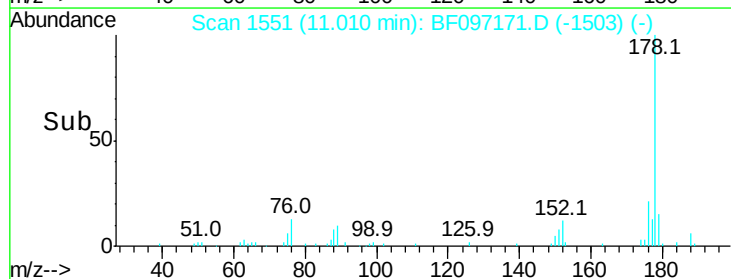
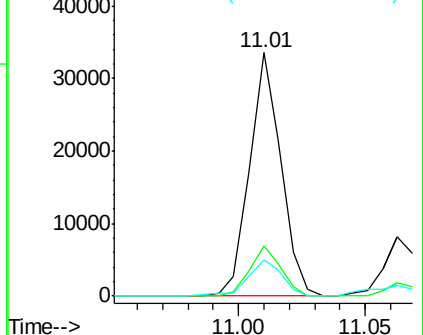


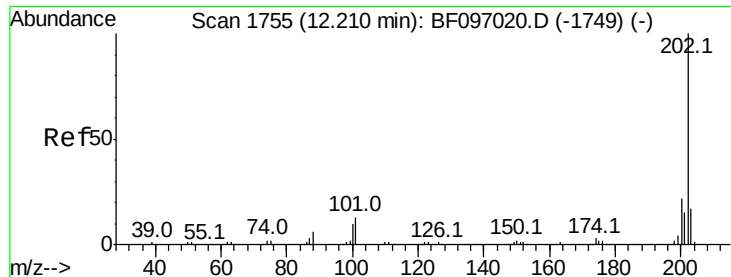
#70
Phenanthrene
Concen: 2.087 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

Tgt Ion:178 Resp: 28966
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 14.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

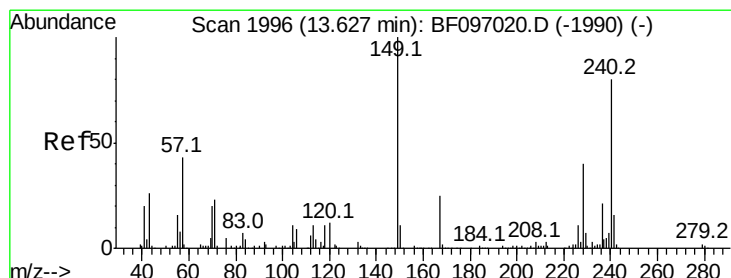
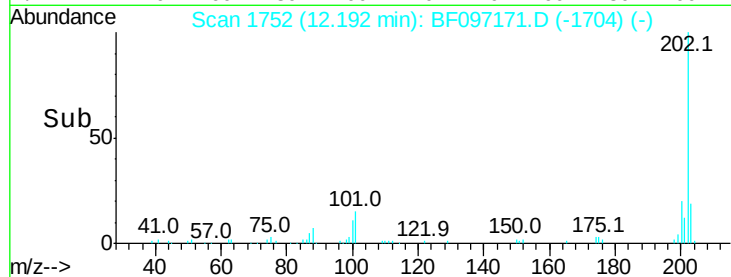
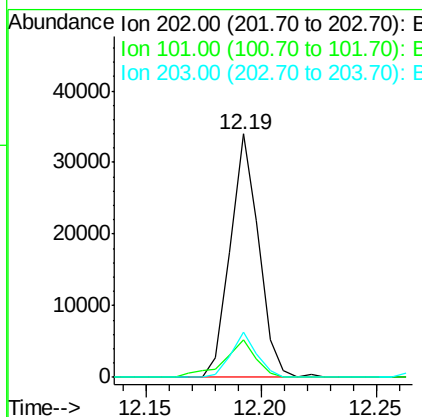
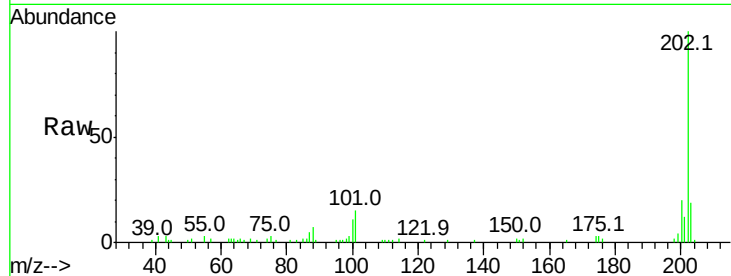




#74
 Fluoranthene
 Concen: 2.144 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

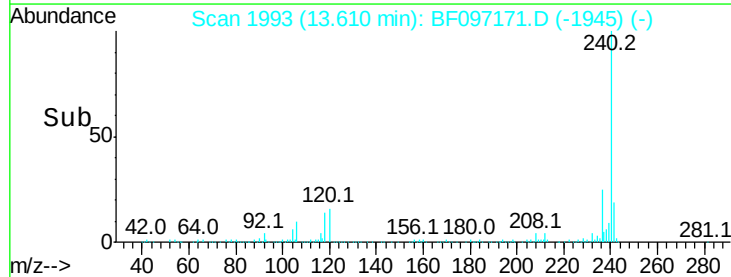
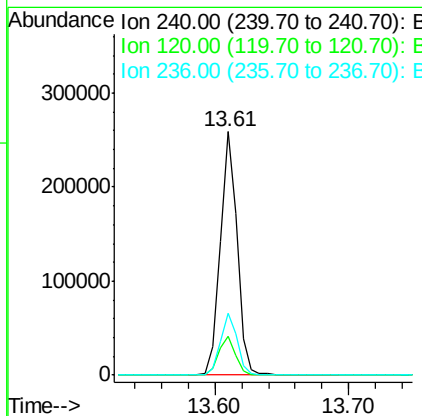
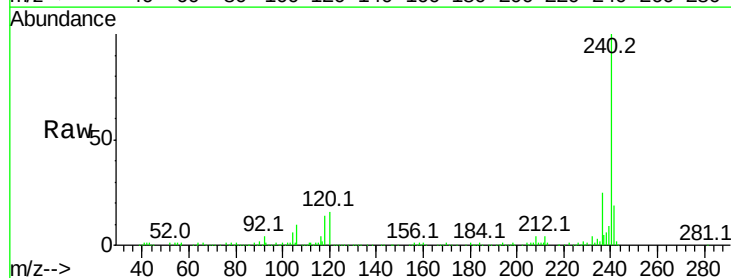
Instrument :
 BNA_F
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 TP-10D56

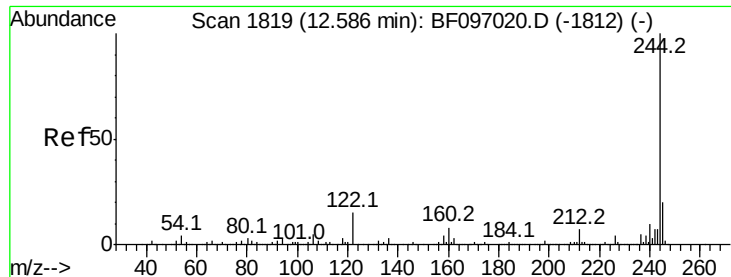
Tot Ion:202 Resp: 29149
 Ion Ratio Lower Upper
 202 100
 101 15.4 0.0 33.2
 203 18.6 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Tgt Ion:240 Resp: 231480
 Ion Ratio Lower Upper
 240 100
 120 15.7 5.8 8.8#
 236 25.4 20.5 30.7





#78

Terphenyl-d14

Concen: 35.507 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

Instrument :

BNA_F

ClientSampleId :

TP-10D56

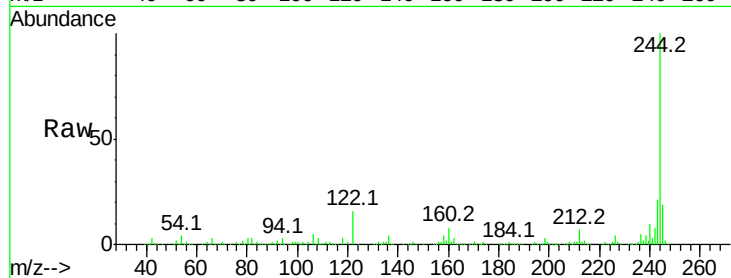
Tot Ion:244 Resp: 403126

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

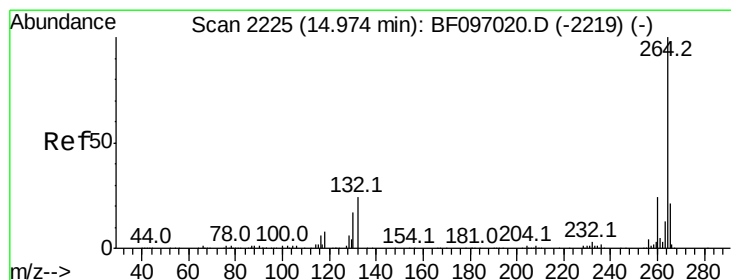
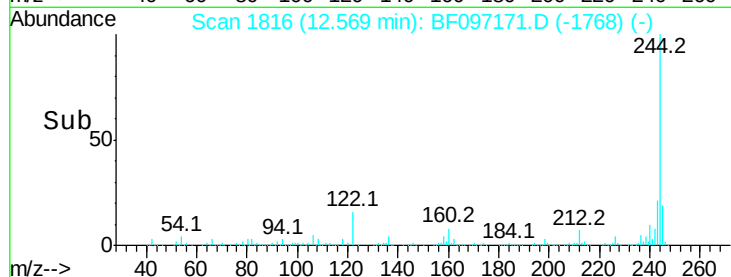
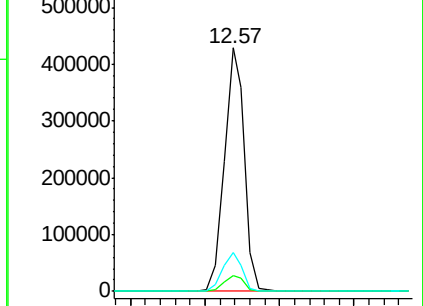
122 15.9 10.3 15.5#



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# 2223

Delta R.T. -0.01 min

Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

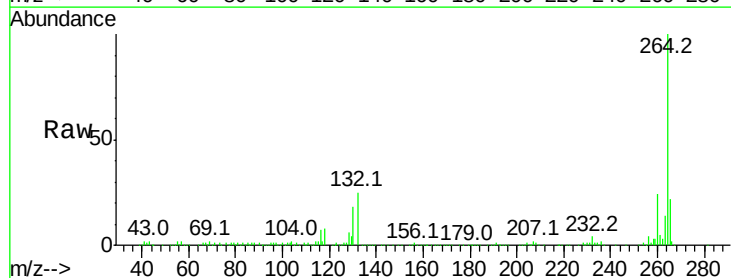
Tgt Ion:264 Resp: 185780

Ion Ratio Lower Upper

264 100

260 24.4 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

