

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097504.D
 Acq On : 9 Aug 2017 8:31
 Operator : SJ/JU
 Sample : PB101261BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BL

Quant Time: Aug 09 08:56:51 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	6.40	152	93128	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	376583	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	140031	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	203128	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	164068	20.00	ng	0.00
86) Perylene-d12	14.87	264	112323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	727474	117.76	ng	0.00
7) Phenol-d6	6.08	99	832762	118.08	ng	0.00
23) Nitrobenzene-d5	6.98	82	502977	78.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	115484	104.38	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	785936	95.25	ng	0.00
78) Terphenyl-d14	12.49	244	497739	61.85	ng	-0.01

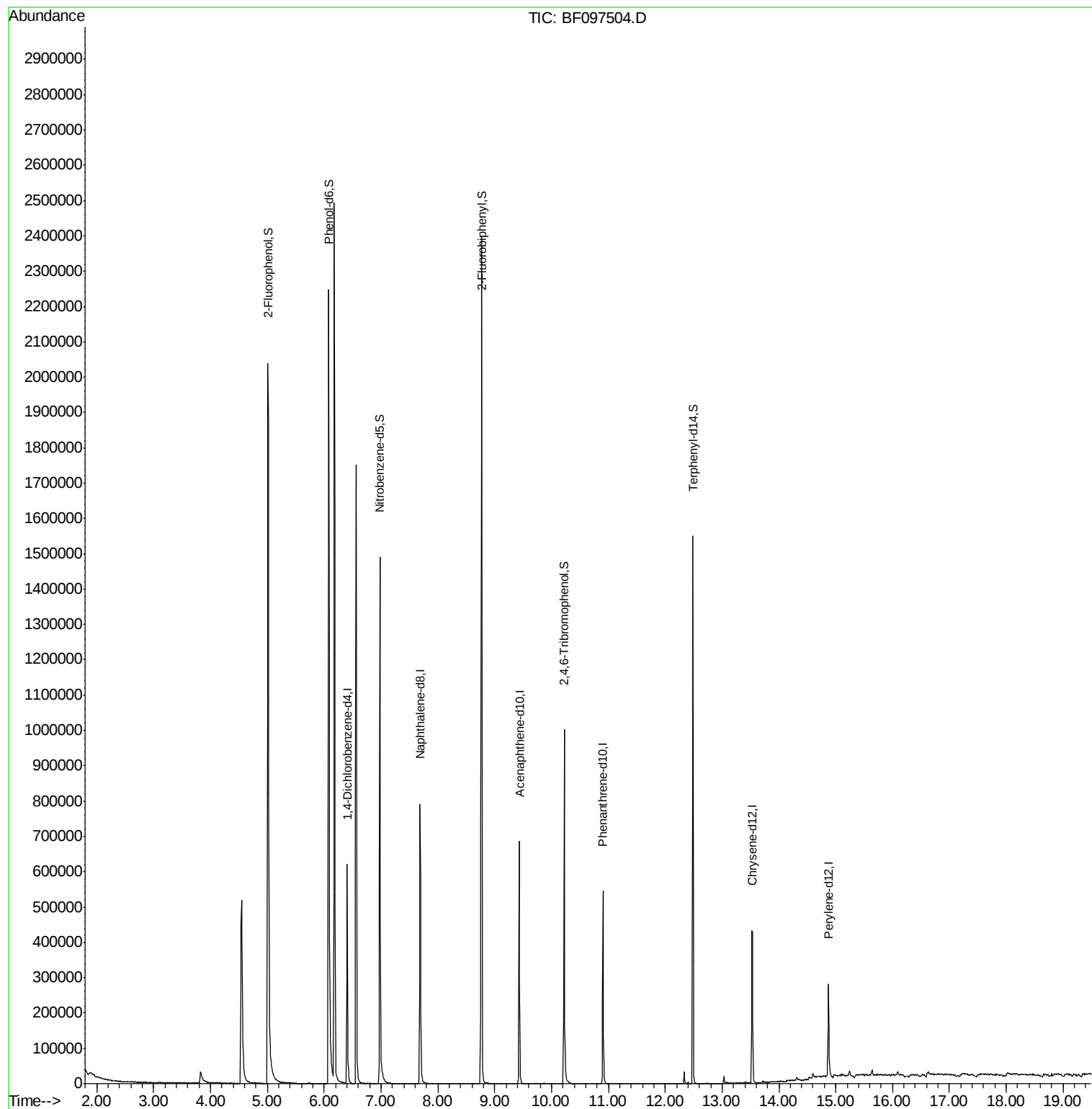
Target Compounds Qvalue

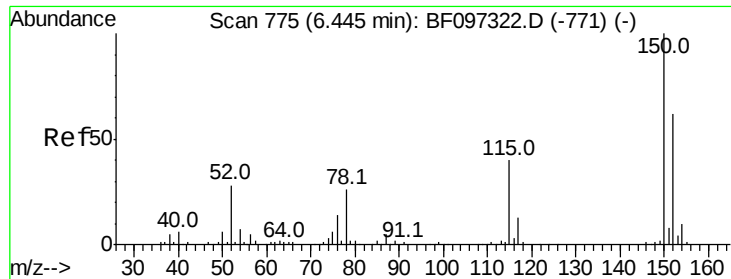
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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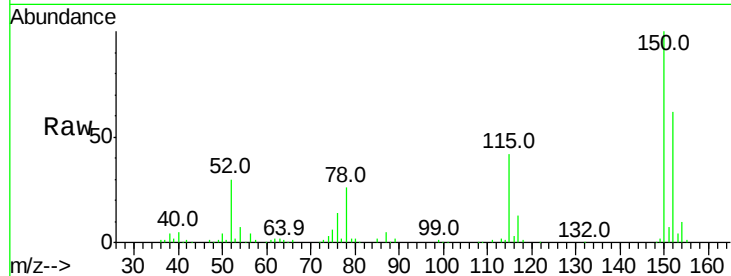


#1

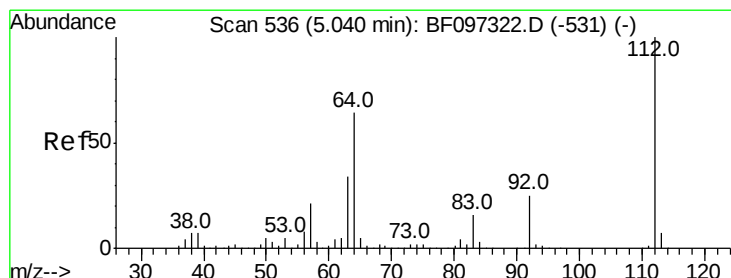
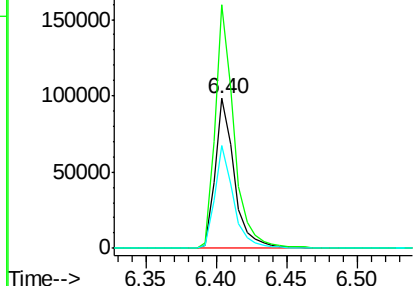
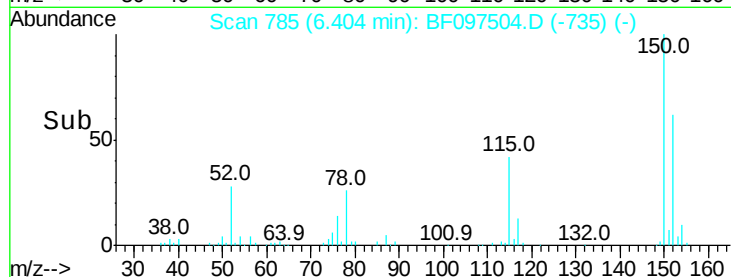
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Instrument :
BNA_F
ClientSampleId :
PB101261BL

Tot Ion:152 Resp: 93128
Ion Ratio Lower Upper
152 100
150 162.3 126.2 189.2
115 68.6 52.2 78.2



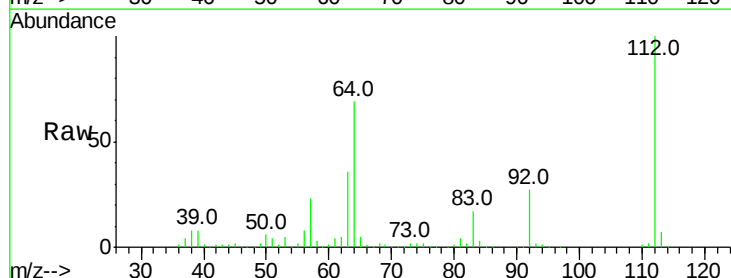
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



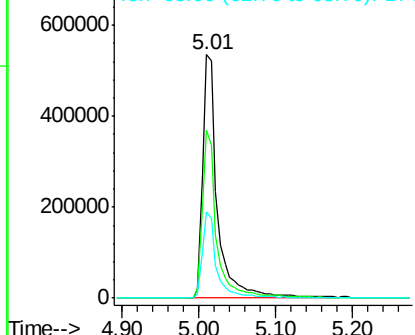
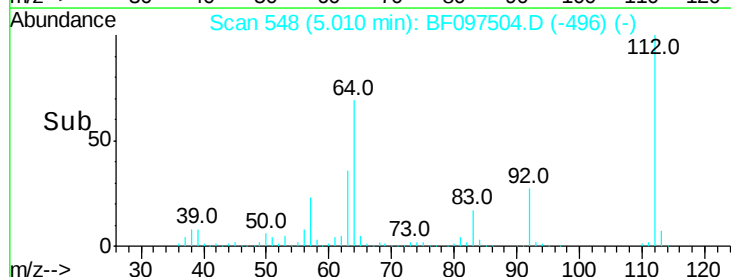
#5

2-Fluorophenol
Concen: 117.758 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Tgt Ion:112 Resp: 727474
Ion Ratio Lower Upper
112 100
64 69.3 46.0 69.0#
63 35.6 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: 118.079 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097504.D

Acq: 9 Aug 2017 8:31

Instrument :

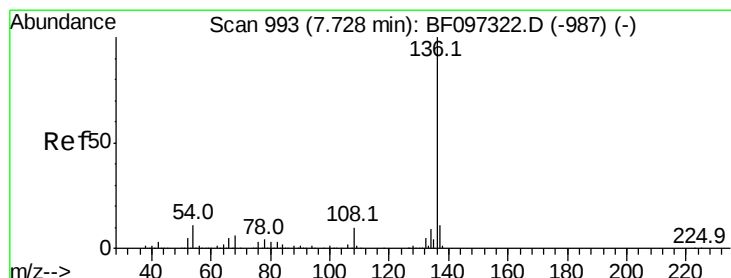
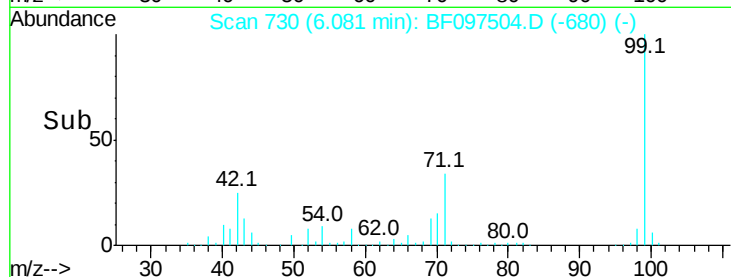
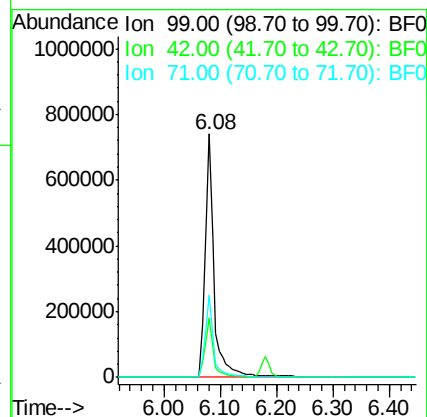
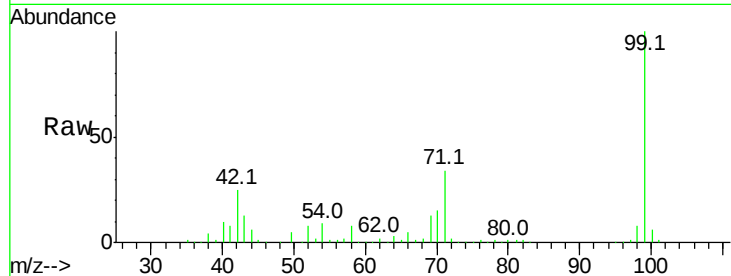
BNA_F

ClientSampleId :

PB101261BL

Tot Ion: 99 Resp: 832762

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	33.9	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

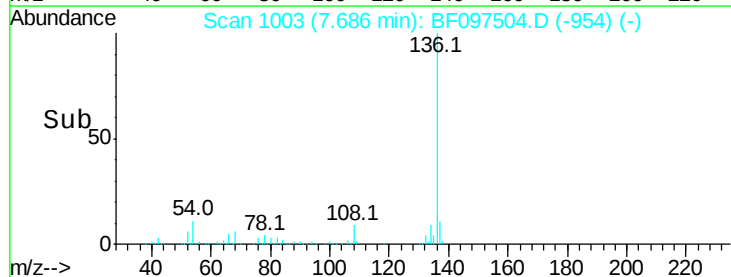
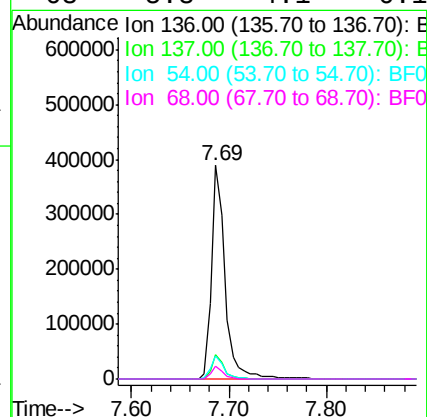
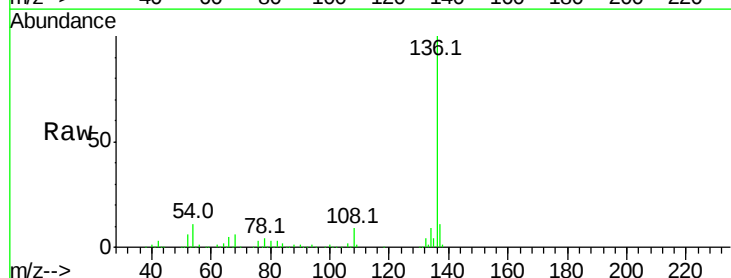
Delta R.T. -0.01 min

Lab File: BF097504.D

Acq: 9 Aug 2017 8:31

Tgt Ion: 136 Resp: 376583

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.1	4.9	7.3#
68	5.8	4.1	6.1

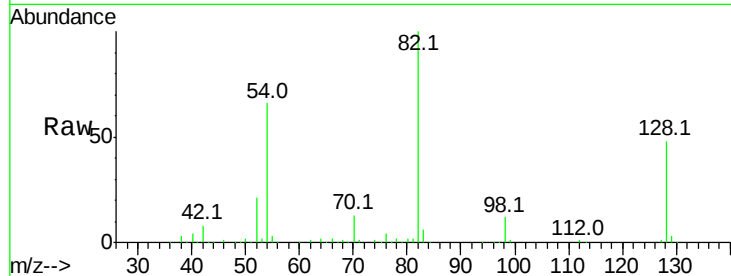




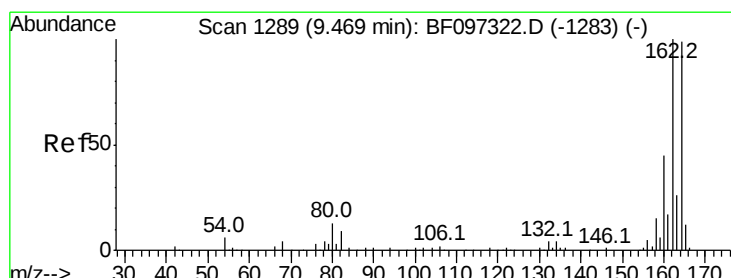
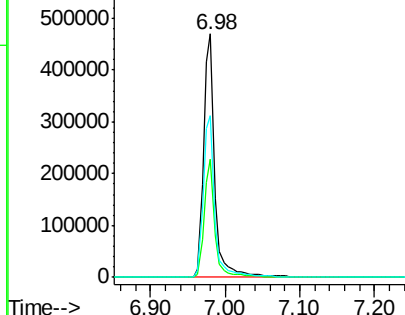
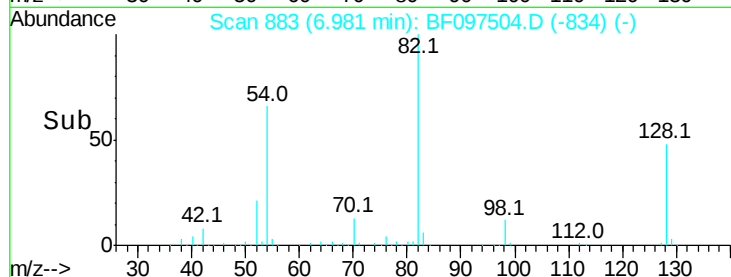
#23
Nitrobenzene-d5
Concen: 78.354 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Instrument :
BNA_F
ClientSampleId :
PB101261BL

Tot Ion: 82 Resp: 502977
Ion Ratio Lower Upper
82 100
128 48.3 34.0 51.0
54 66.3 42.2 63.2#

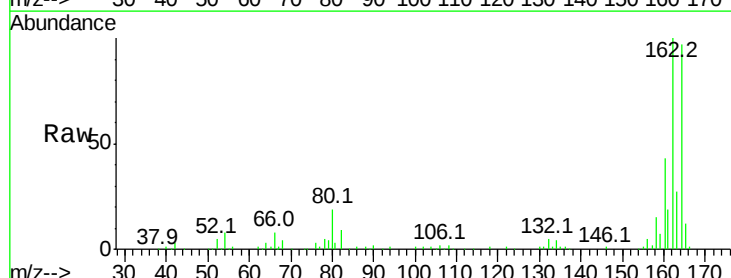


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

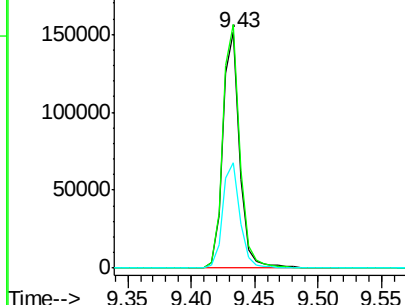
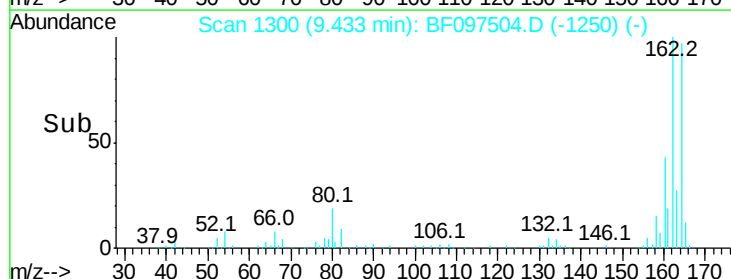


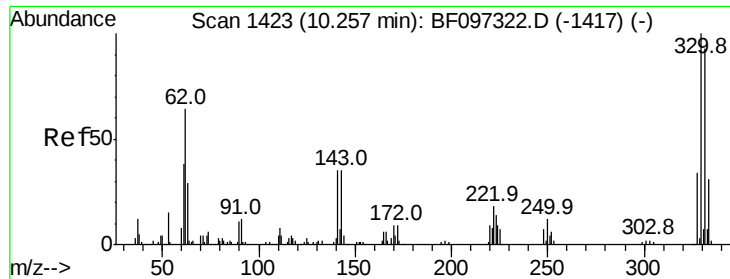
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097504.D
Acq: 9 Aug 2017 8:31

Tgt Ion:164 Resp: 140031
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 44.8 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

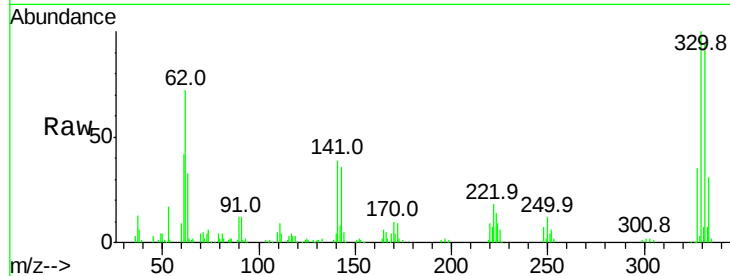




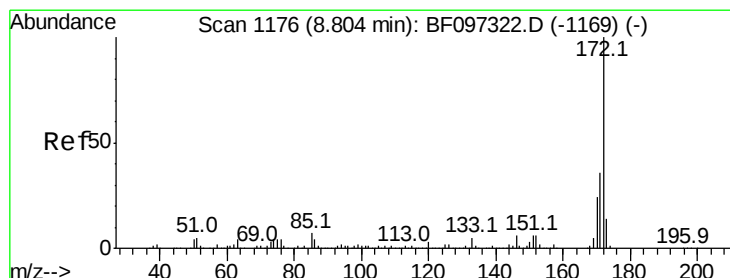
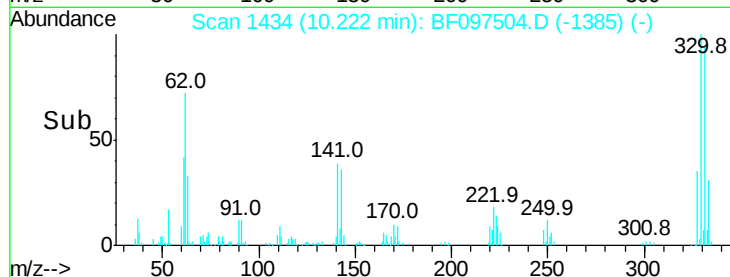
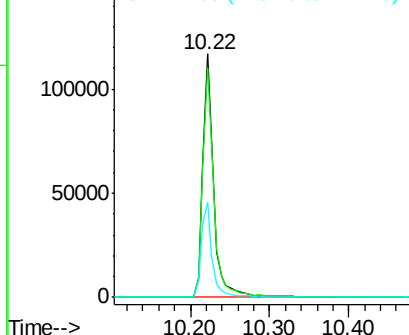
#41
 2,4,6-Tribromophenol
 Concen: 104.380 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101261BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.1	31.4	47.2

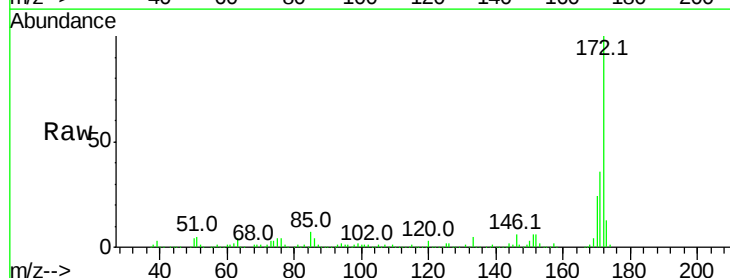


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

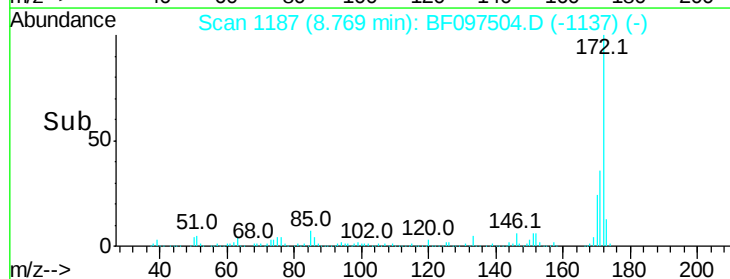
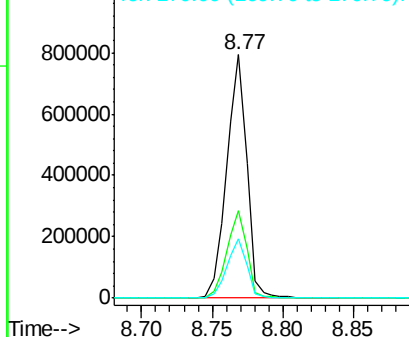


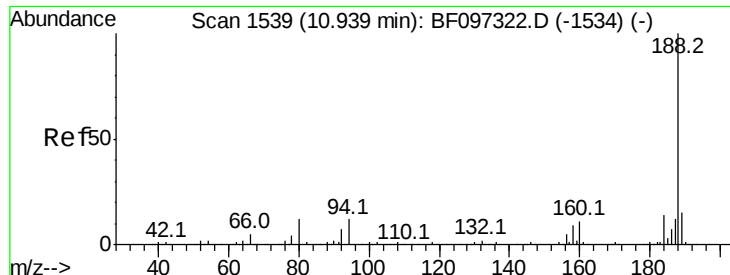
#44
 2-Fluorobiphenyl
 Concen: 95.251 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097504.D
 Acq: 9 Aug 2017 8:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.90 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF097504.D

Acq: 9 Aug 2017 8:31

Instrument :

BNA_F

ClientSampleId :

PB101261BL

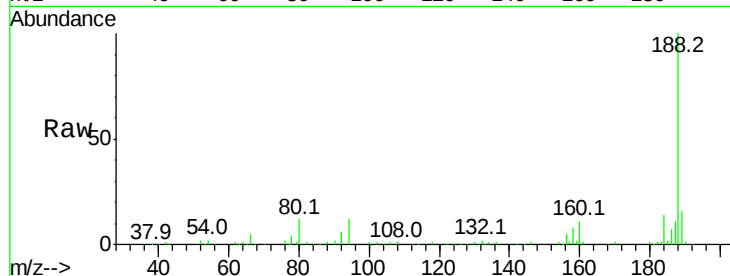
Tot Ion:188 Resp: 203128

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

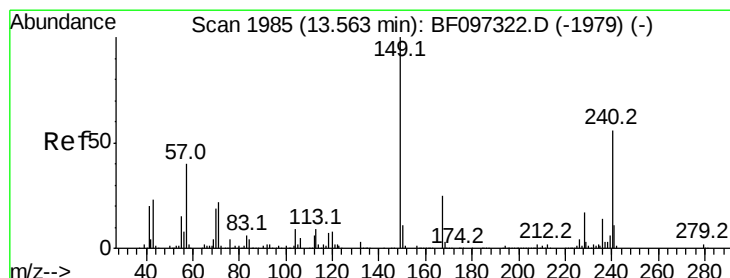
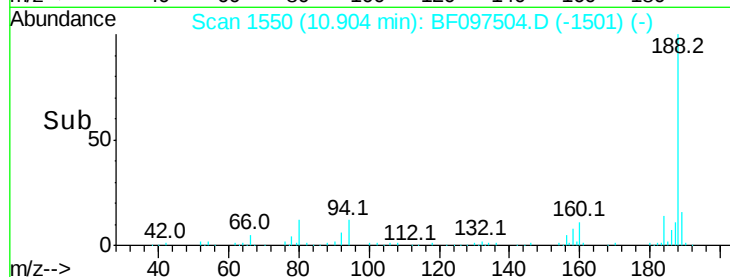
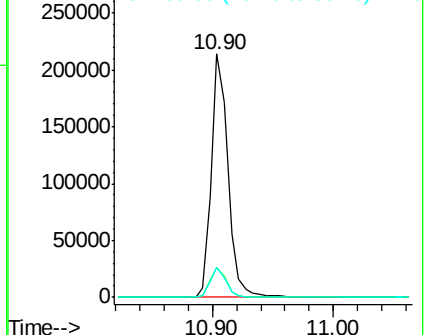
80 12.1 10.2 15.2



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: BF097504.D

Acq: 9 Aug 2017 8:31

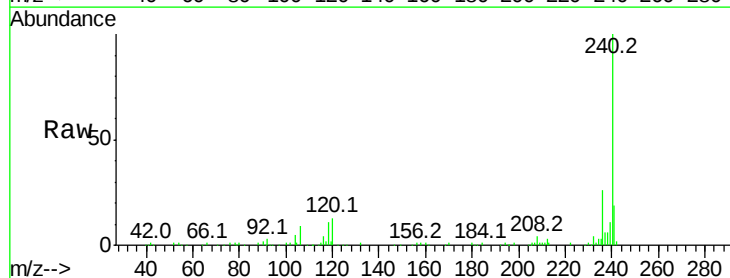
Tgt Ion:240 Resp: 164068

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

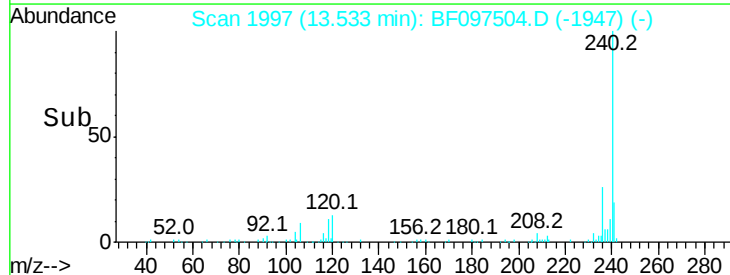
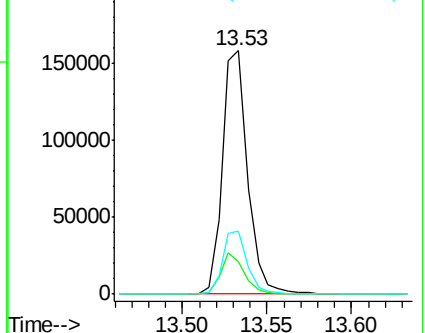
236 26.0 20.5 30.7

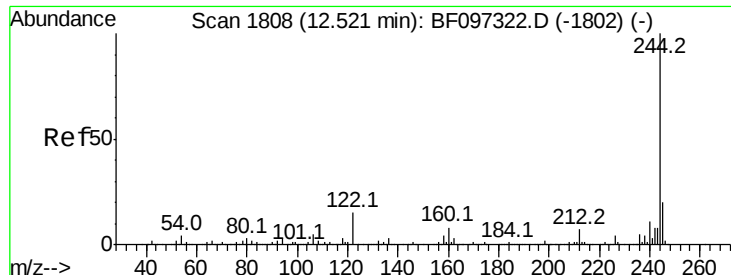


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.853 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097504.D

Acq: 9 Aug 2017 8:31

Instrument :

BNA_F

ClientSampleId :

PB101261BL

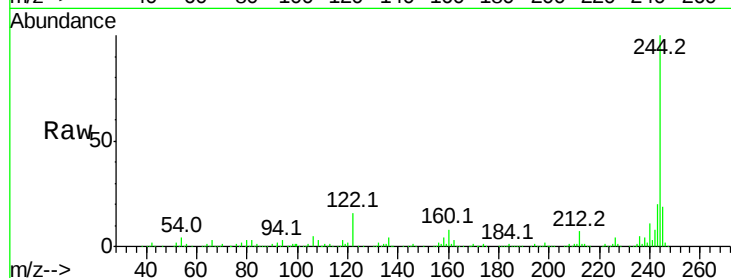
Tot Ion:244 Resp: 497739

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

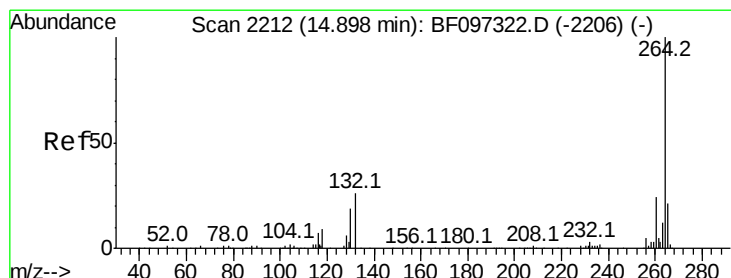
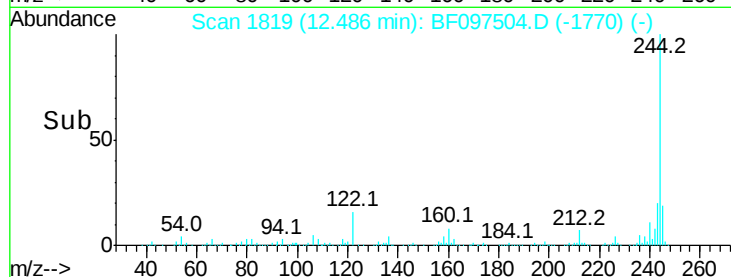
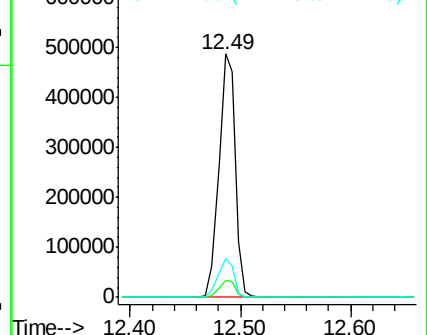
122 16.1 10.3 15.5#



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: BF097504.D

Acq: 9 Aug 2017 8:31

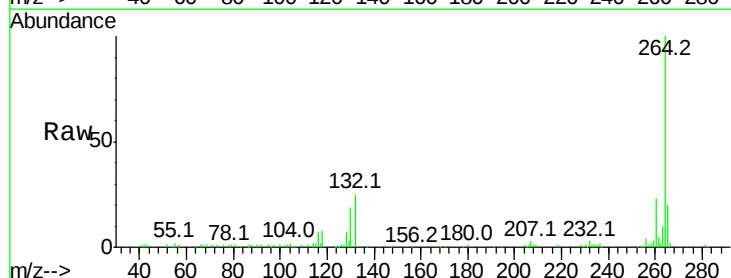
Tgt Ion:264 Resp: 112323

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.5 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

