

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097961.D
 Acq On : 22 Aug 2017 18:44
 Operator : SJ/JU
 Sample : PB101706BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BL

Quant Time: Aug 23 01:30:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	119544	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	493758	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	230777	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	471700	20.00	ng	0.00
75) Chrysene-d12	13.90	240	414992	20.00	ng	0.00
86) Perylene-d12	15.32	264	285112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	593139	75.47	ng	0.01
7) Phenol-d6	6.38	99	780231	73.07	ng	0.00
23) Nitrobenzene-d5	7.31	82	720243	79.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	157384	78.60	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1109569	70.64	ng	0.00
78) Terphenyl-d14	12.85	244	1070691	53.80	ng	0.00

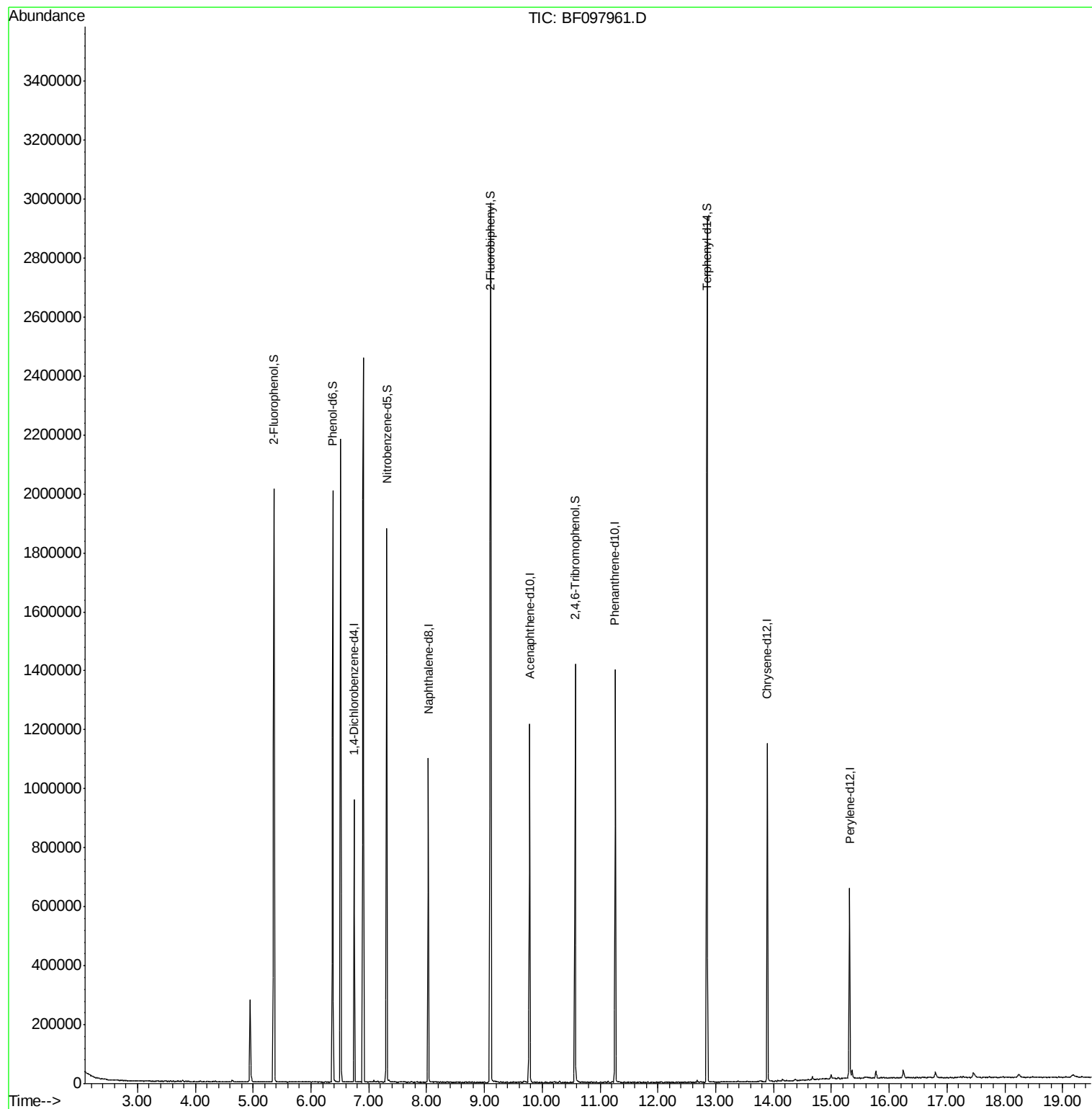
Target Compounds Qvalue

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

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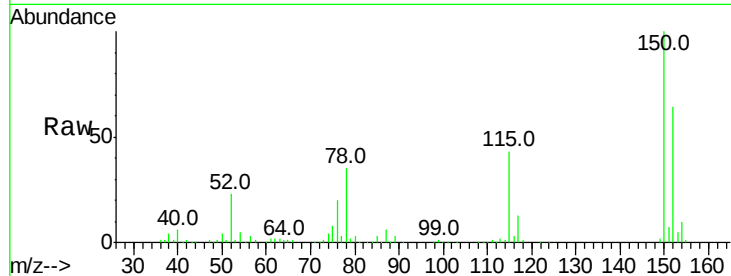


#1

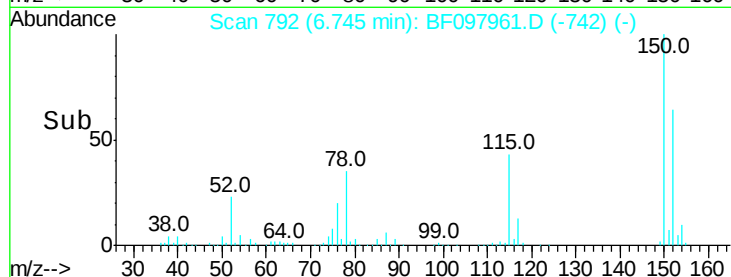
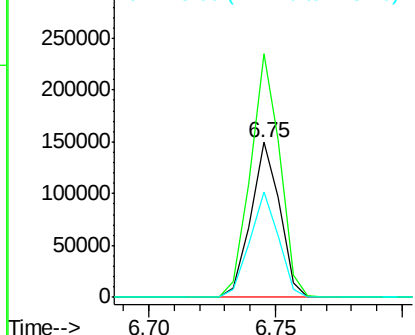
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097961.D
Acq: 22 Aug 2017 18:44

Instrument :
BNA_F
ClientSampleId :
PB101706BL

Tot Ion:152 Resp: 119544
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 68.0 52.2 78.2



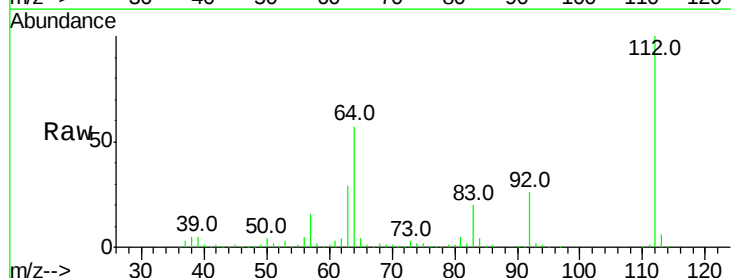
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



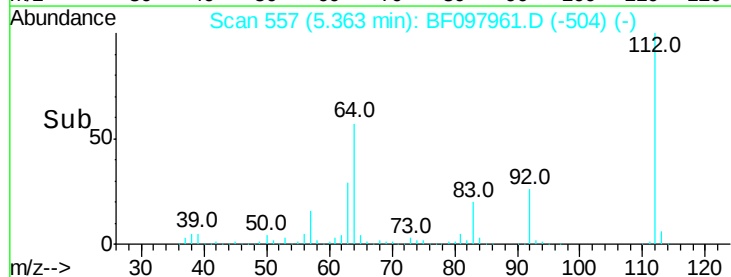
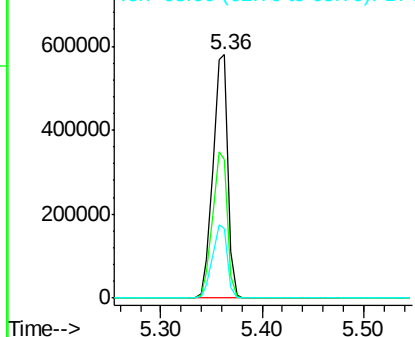
#5

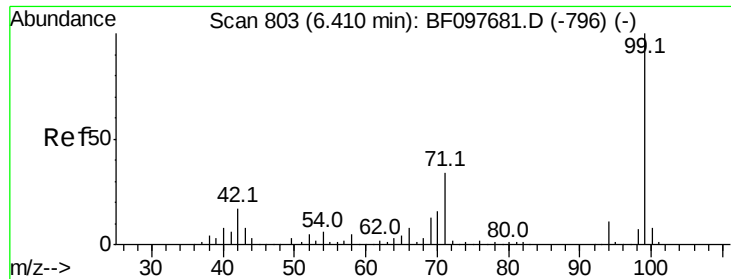
2-Fluorophenol
Concen: 75.471 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097961.D
Acq: 22 Aug 2017 18:44

Tgt Ion:112 Resp: 593139
Ion Ratio Lower Upper
112 100
64 57.0 46.0 69.0
63 28.8 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: 73.066 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097961.D

Acq: 22 Aug 2017 18:44

Instrument :

BNA_F

ClientSampleId :

PB101706BL

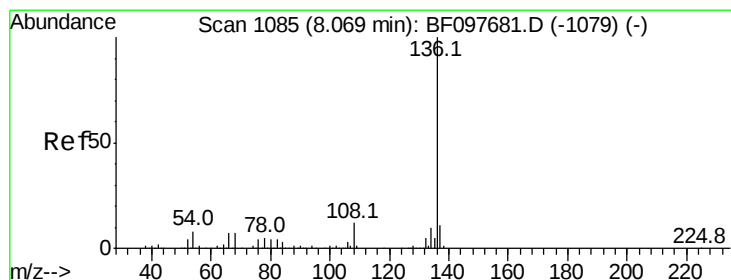
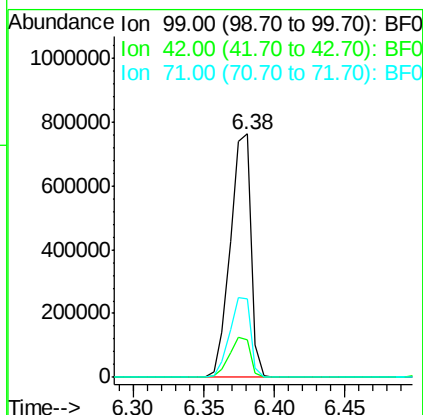
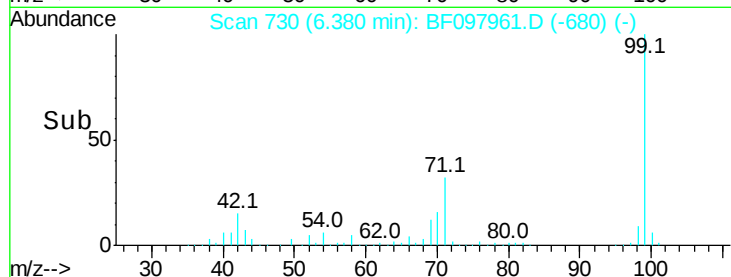
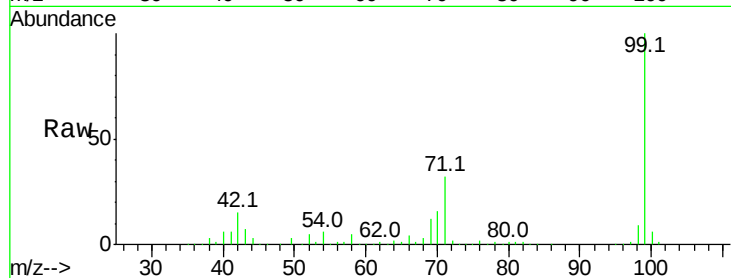
Tot Ion: 99 Resp: 780231

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

71 32.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097961.D

Acq: 22 Aug 2017 18:44

Tgt Ion: 136 Resp: 493758

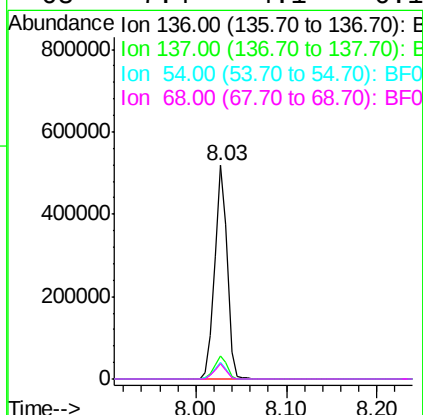
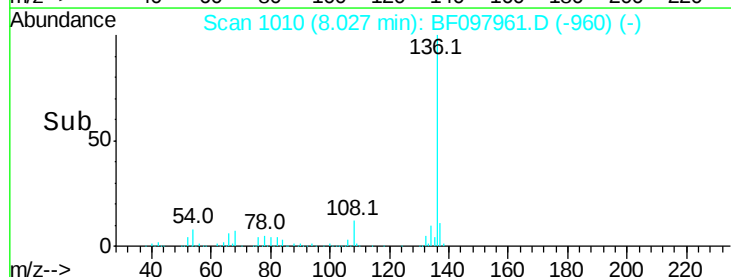
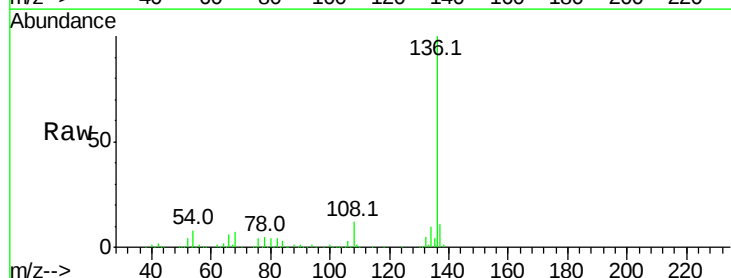
Ion Ratio Lower Upper

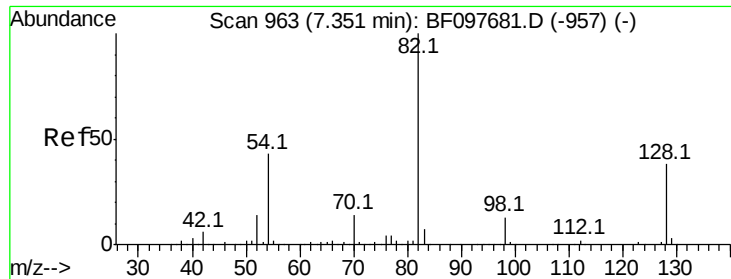
136 100

137 10.9 8.5 12.7

54 8.1 4.9 7.3#

68 7.4 4.1 6.1#

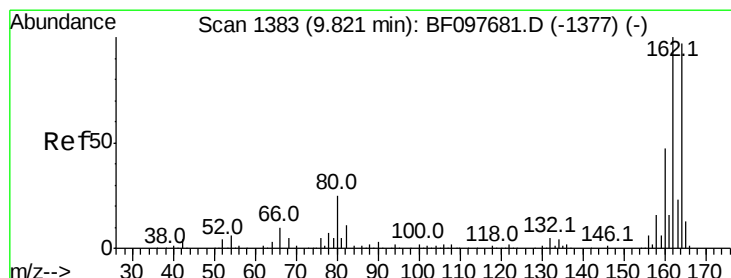
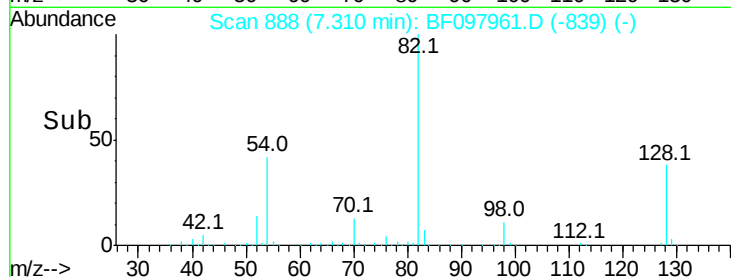
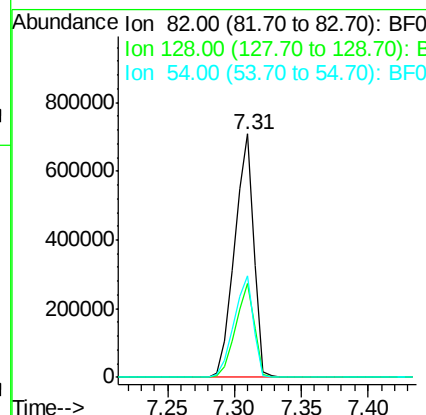
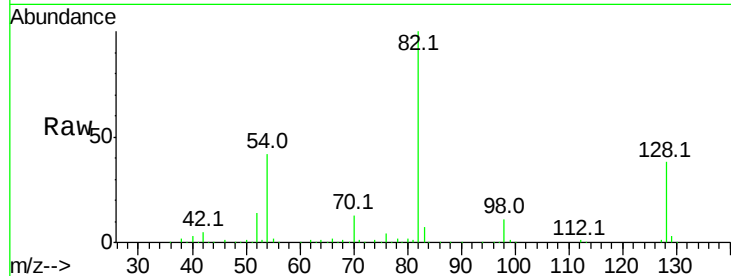




#23
 Nitrobenzene-d5
 Concen: 79.243 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097961.D
 Acq: 22 Aug 2017 18:44

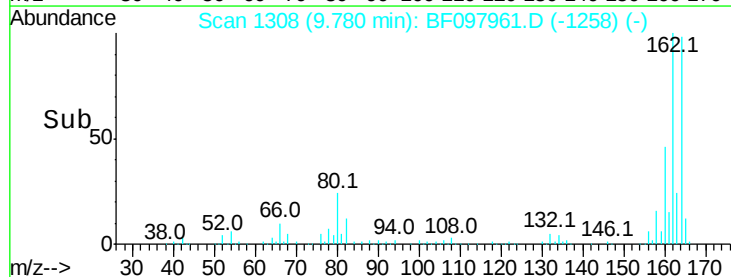
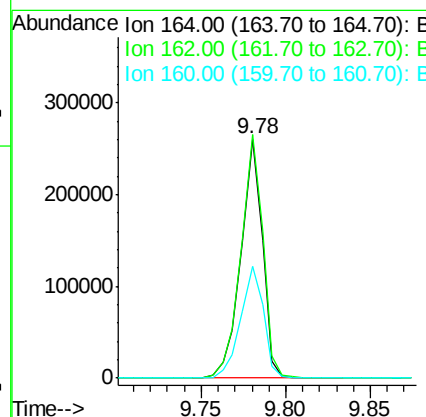
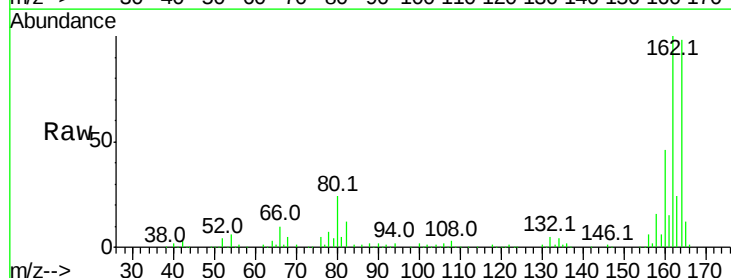
Instrument :
 BNA_F
 ClientSampleId :
 PB101706BL

Tot Ion: 82 Resp: 720243
 Ion Ratio Lower Upper
 82 100
 128 38.4 34.0 51.0
 54 41.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097961.D
 Acq: 22 Aug 2017 18:44

Tgt Ion:164 Resp: 230777
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 46.7 36.2 54.2

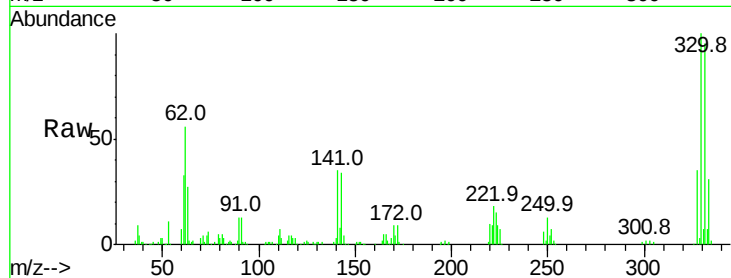




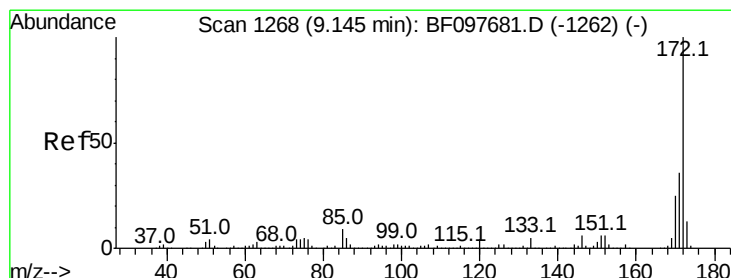
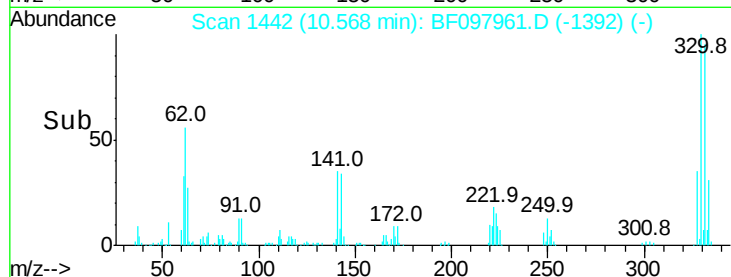
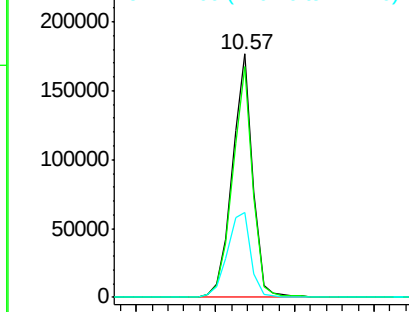
#41
 2,4,6-Tribromophenol
 Concen: 78.599 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097961.D
 Acq: 22 Aug 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BL

Tot Ion:330 Resp: 157384
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 115.0
 141 40.5 31.4 47.2

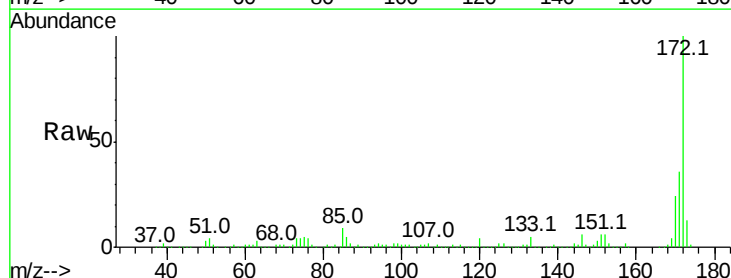


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

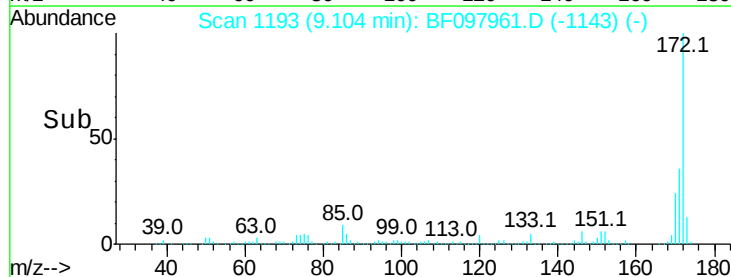
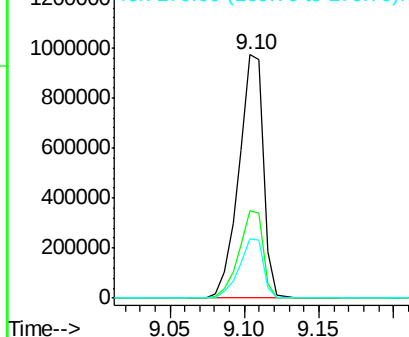


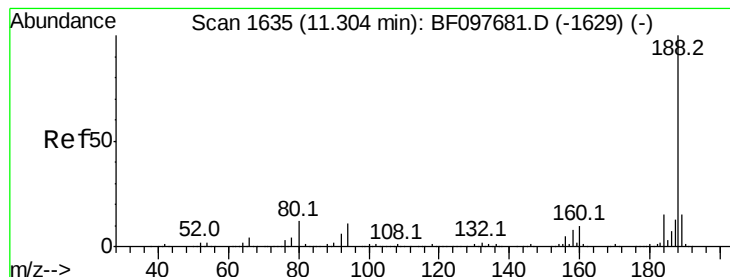
#44
 2-Fluorobiphenyl
 Concen: 70.639 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF097961.D
 Acq: 22 Aug 2017 18:44

Tgt Ion:172 Resp: 1109569
 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF097961.D

Acq: 22 Aug 2017 18:44

Instrument :

BNA_F

ClientSampleId :

PB101706BL

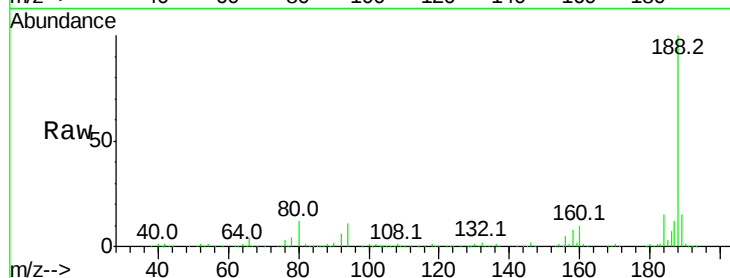
Tot Ion:188 Resp: 471700

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

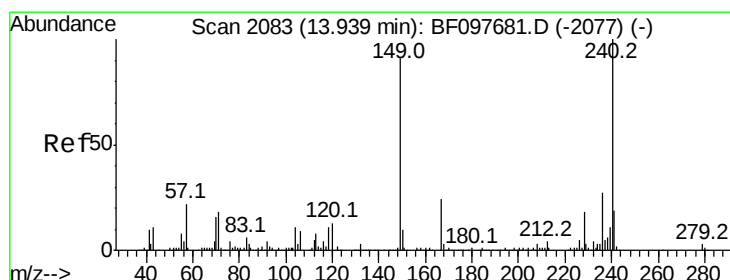
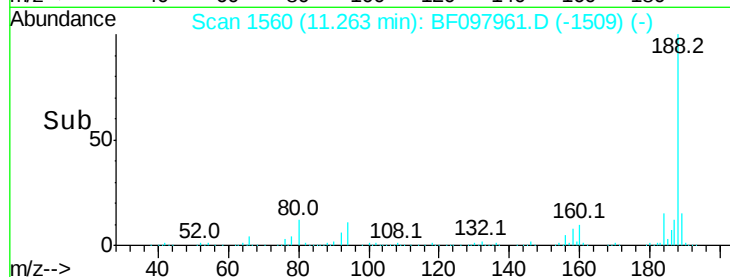
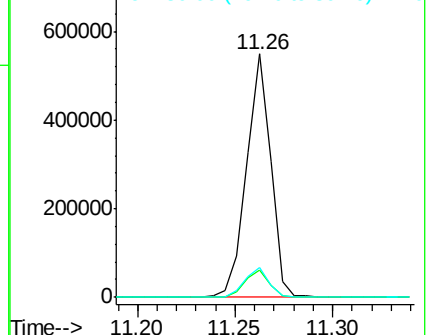
80 12.2 10.2 15.2



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: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF097961.D

Acq: 22 Aug 2017 18:44

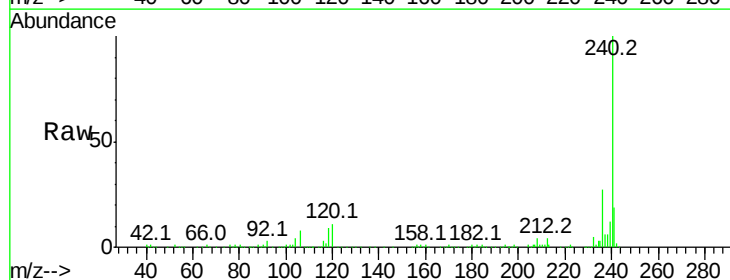
Tgt Ion:240 Resp: 414992

Ion Ratio Lower Upper

240 100

120 11.1 5.8 8.8#

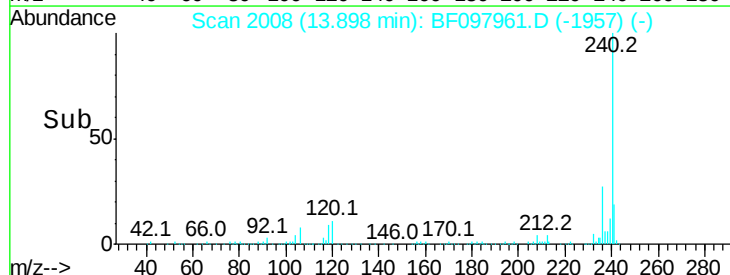
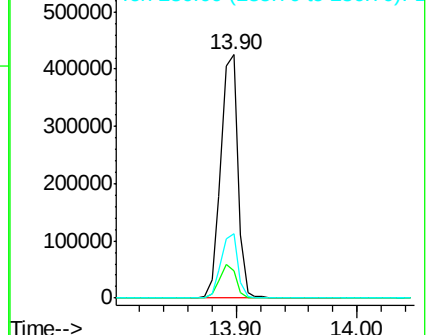
236 26.7 20.5 30.7

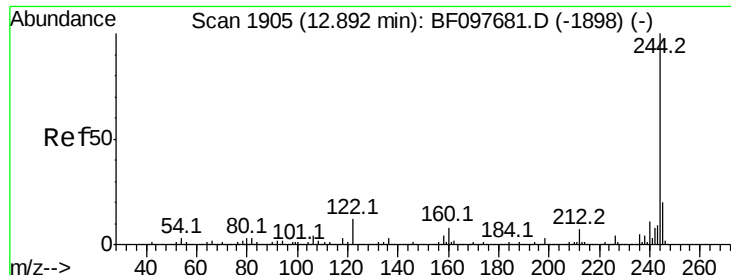


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.802 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097961.D

Acq: 22 Aug 2017 18:44

Instrument :

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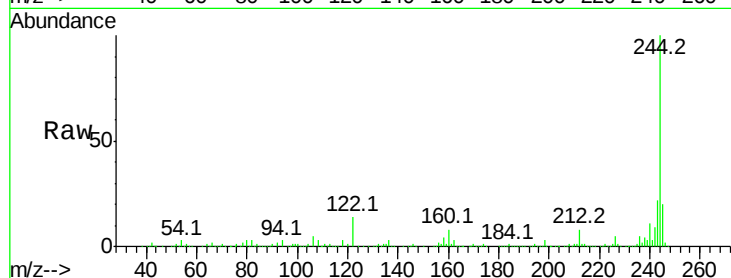
Tot Ion:244 Resp: 1070691

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

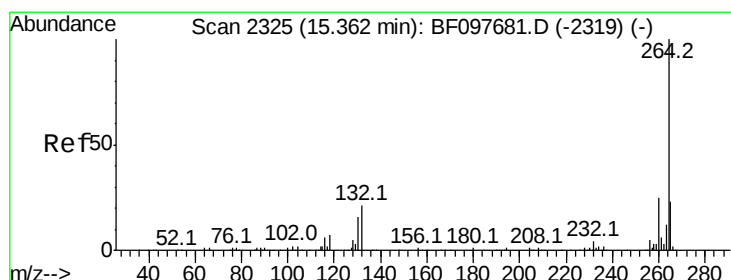
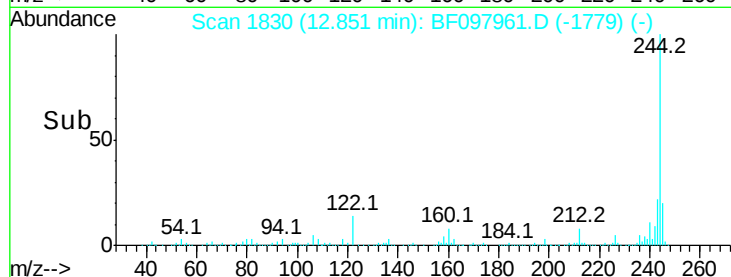
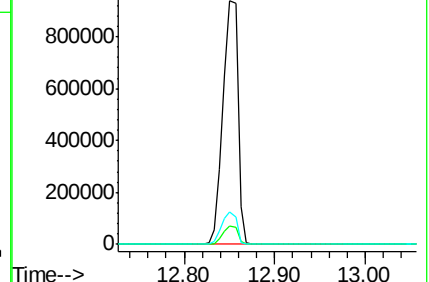
122 13.6 10.3 15.5



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097961.D

Acq: 22 Aug 2017 18:44

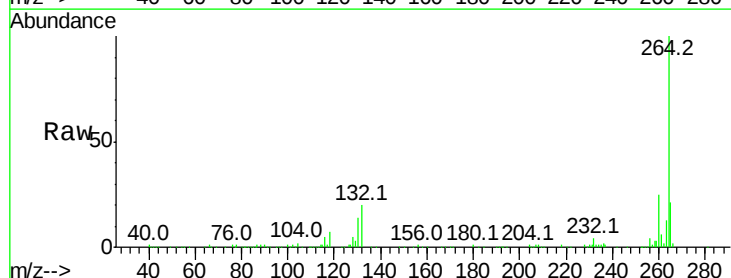
Tgt Ion:264 Resp: 285112

Ion Ratio Lower Upper

264 100

260 25.0 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

