

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097692.D
 Acq On : 15 Aug 2017 15:45
 Operator : SJ/JU
 Sample : PB101477BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BL

Quant Time: Aug 16 04:09:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	116716	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	468999	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	212368	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	431034	20.00	ng	0.00
75) Chrysene-d12	13.93	240	365013	20.00	ng	0.00
86) Perylene-d12	15.36	264	248999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	934250	121.75	ng	0.00
7) Phenol-d6	6.41	99	1215251	116.56	ng	0.00
23) Nitrobenzene-d5	7.35	82	736337	85.29	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	232338	126.09	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1116266	77.23	ng	0.00
78) Terphenyl-d14	12.89	244	1070203	61.14	ng	0.00

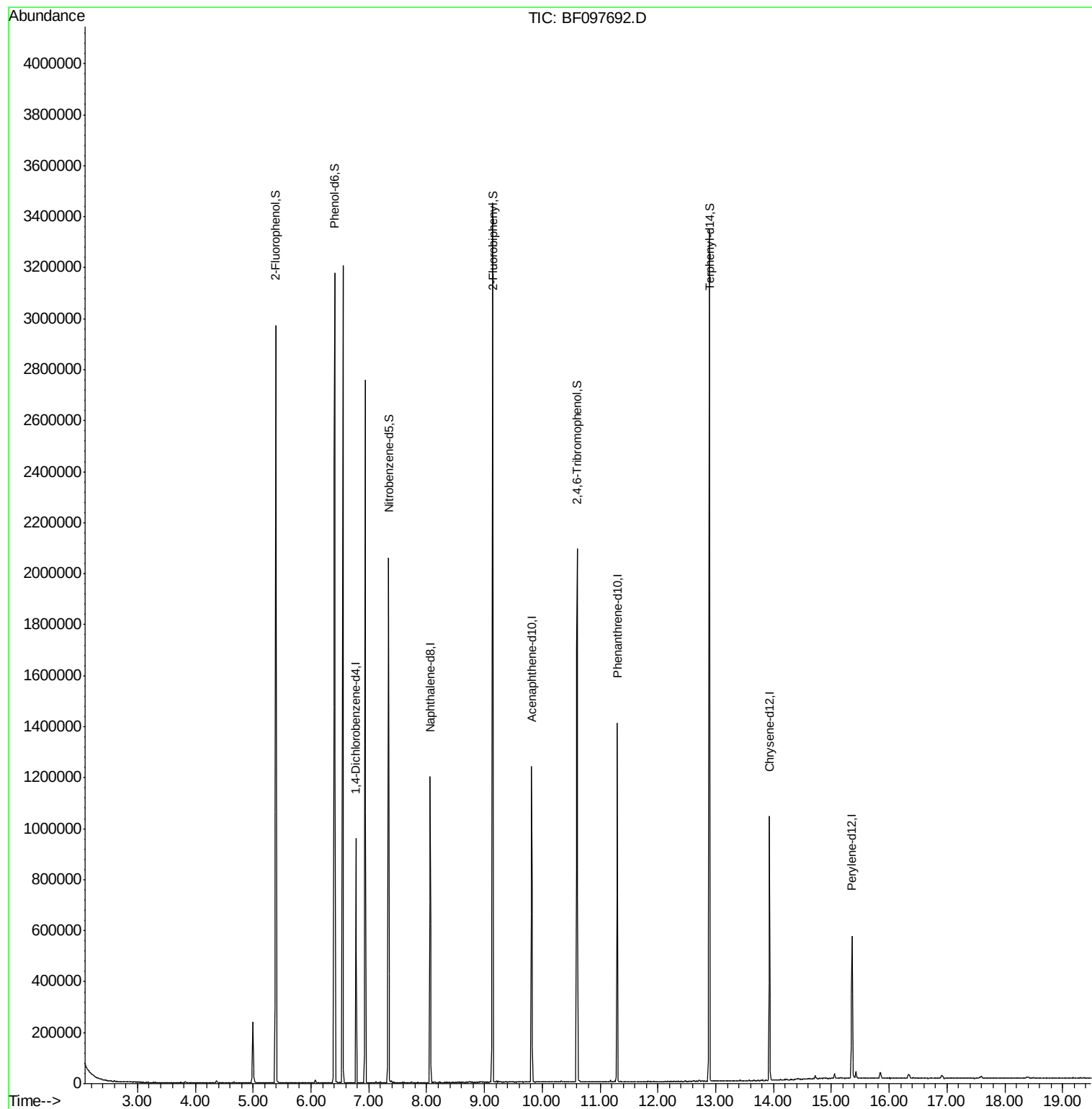
Target Compounds Qvalue

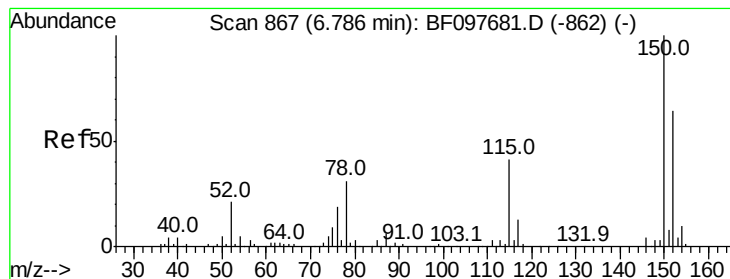
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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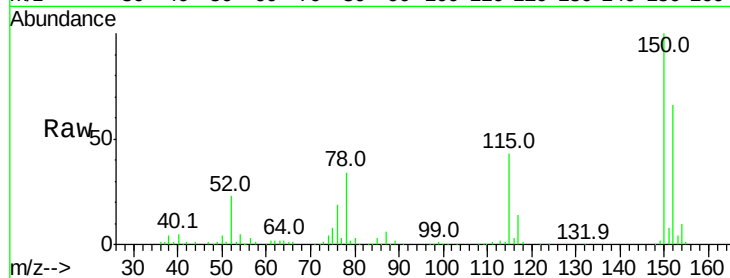


#1

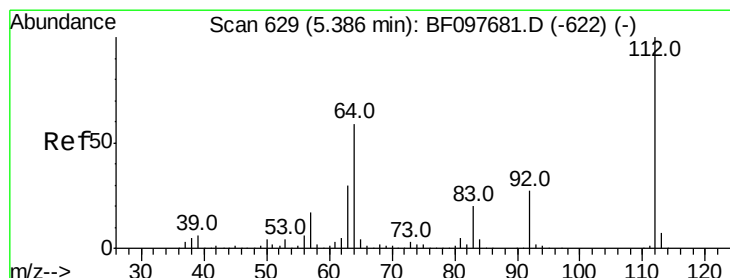
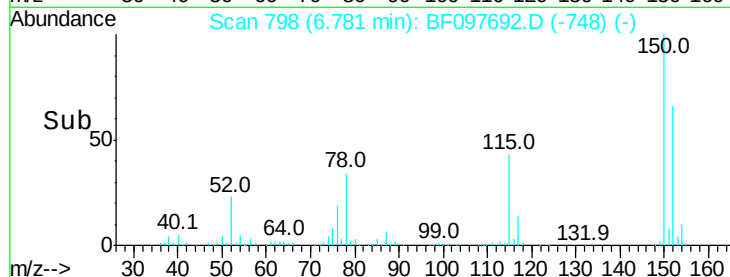
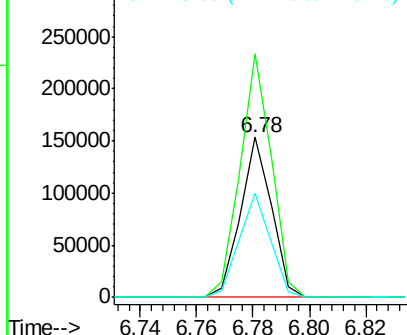
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097692.D
 Acq: 15 Aug 2017 15:45

Instrument :
 BNA_F
 ClientSampleId :
 PB101477BL

Tot Ion:152 Resp: 116716
 Ion Ratio Lower Upper
 152 100
 150 152.2 126.2 189.2
 115 65.1 52.2 78.2



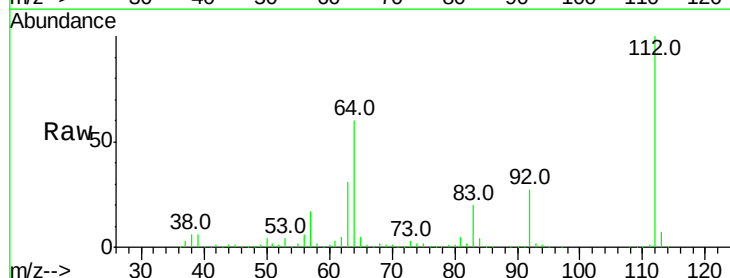
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



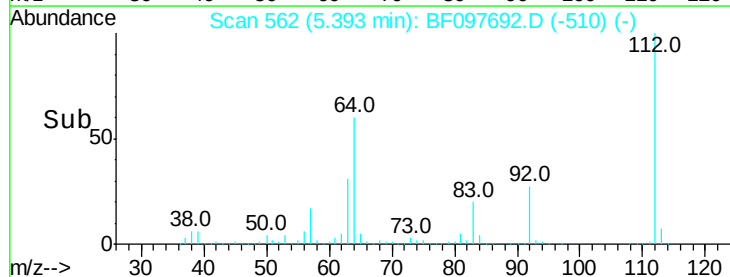
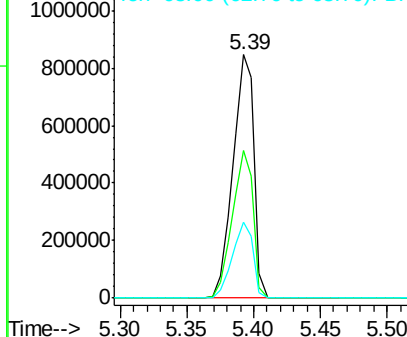
#5

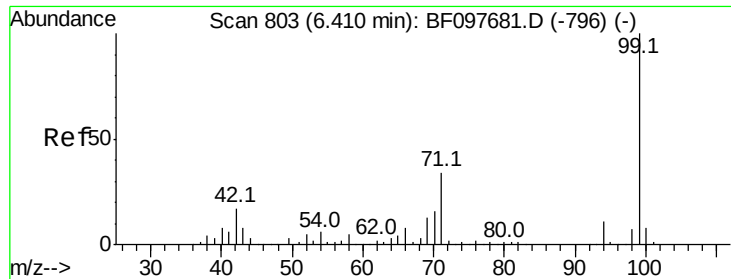
2-Fluorophenol
 Concen: 121.754 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097692.D
 Acq: 15 Aug 2017 15:45

Tgt Ion:112 Resp: 934250
 Ion Ratio Lower Upper
 112 100
 64 60.4 46.0 69.0
 63 30.9 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: 116.562 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097692.D

Acq: 15 Aug 2017 15:45

Instrument :

BNA_F

ClientSampleId :

PB101477BL

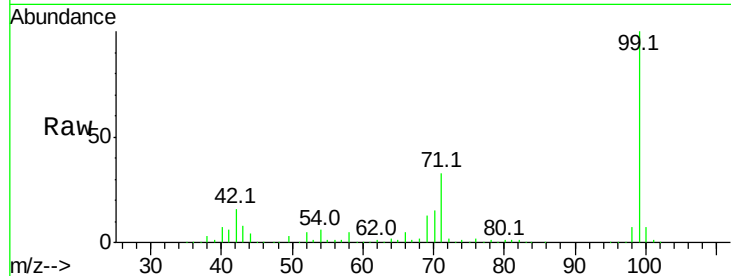
Tot Ion: 99 Resp: 1215251

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

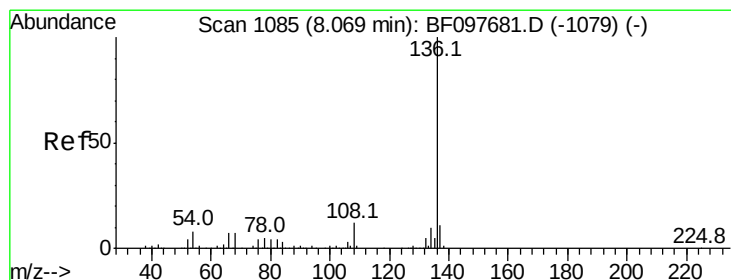
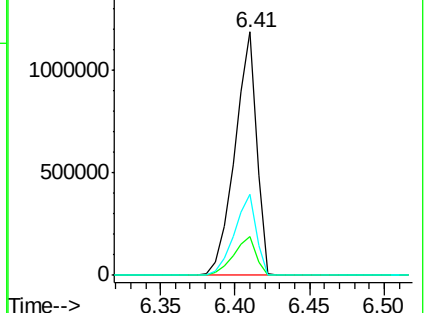
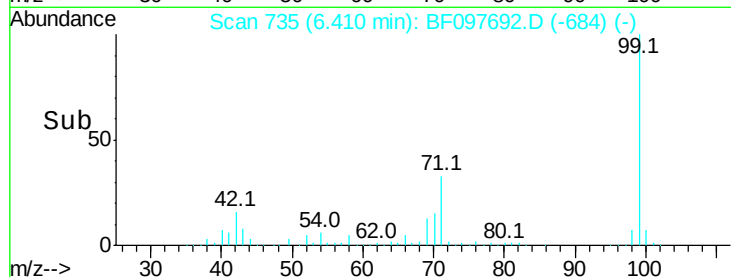
71 33.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097692.D

Acq: 15 Aug 2017 15:45

Tgt Ion: 136 Resp: 468999

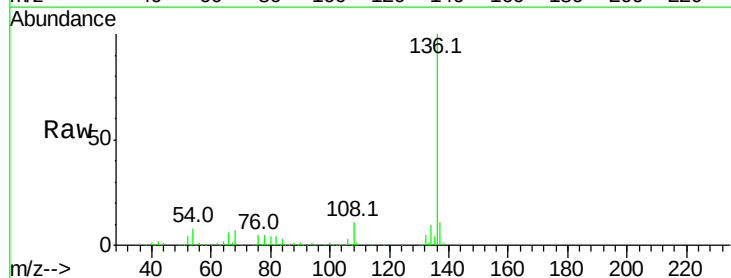
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.9 4.9 7.3#

68 7.0 4.1 6.1#

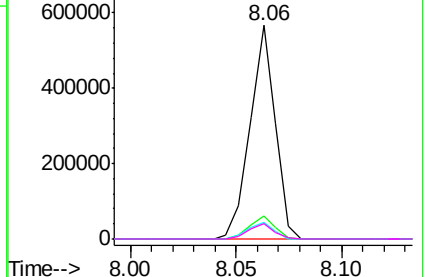
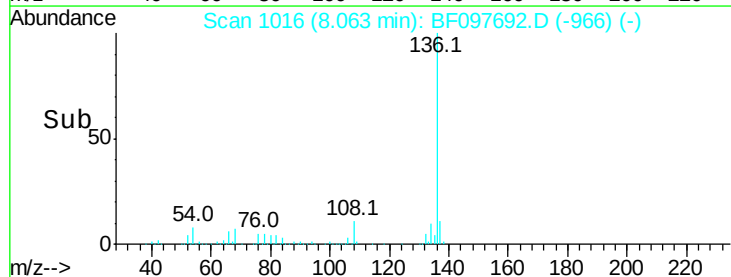


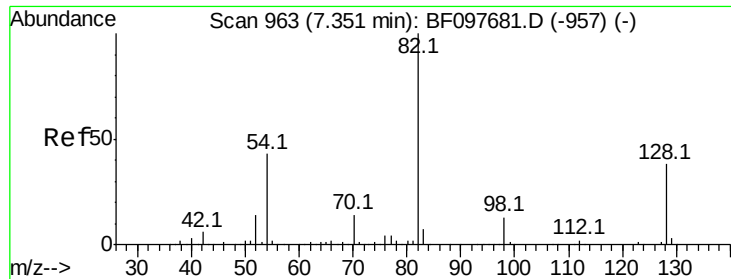
Abundance Ion 136.00 (135.70 to 136.70): E

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

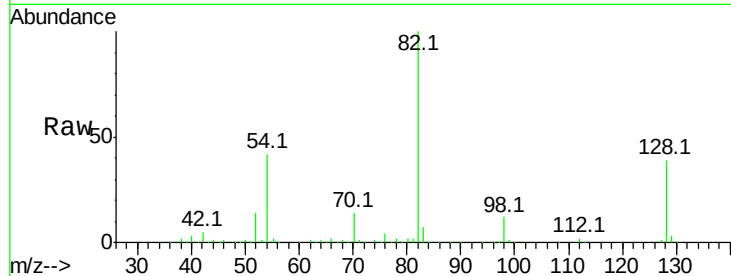




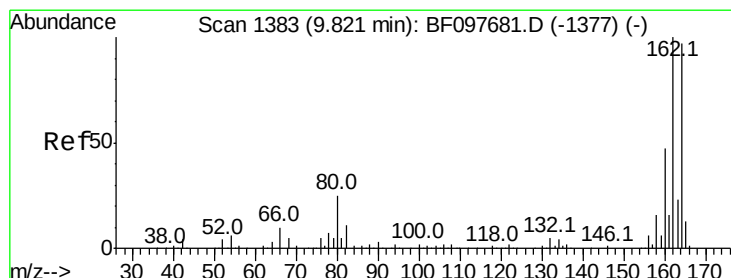
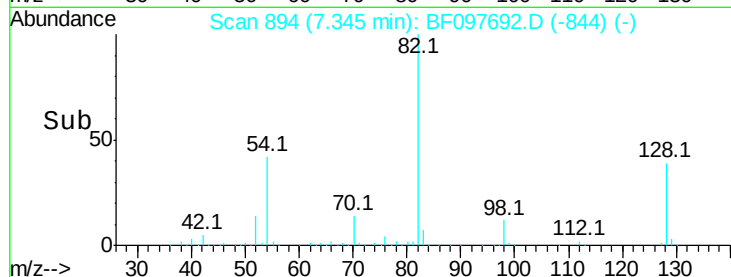
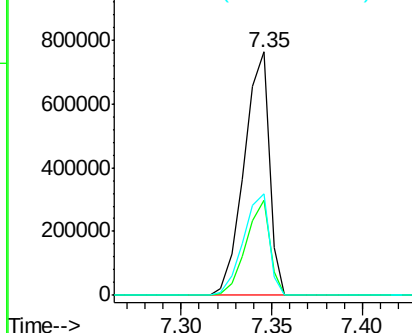
#23
Nitrobenzene-d5
Concen: 85.291 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097692.D
Acq: 15 Aug 2017 15:45

Instrument :
BNA_F
ClientSampleId :
PB101477BL

Tot Ion: 82 Resp: 736337
Ion Ratio Lower Upper
82 100
128 38.9 34.0 51.0
54 41.7 42.2 63.2#

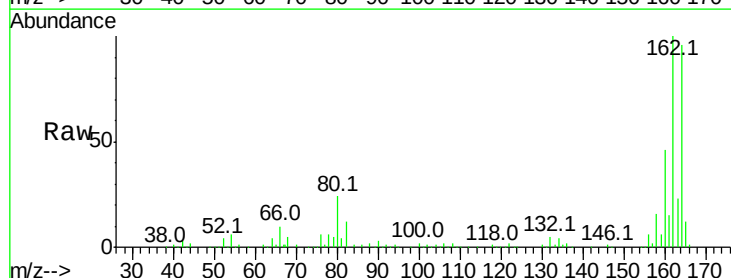


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

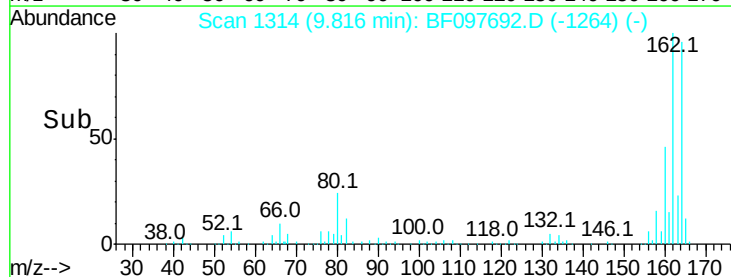
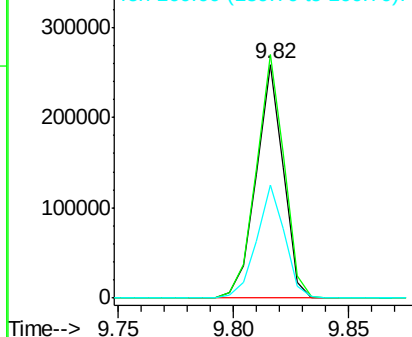


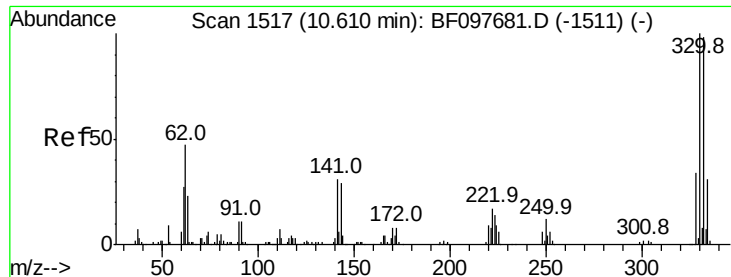
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097692.D
Acq: 15 Aug 2017 15:45

Tgt Ion:164 Resp: 212368
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 48.3 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: 126.090 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097692.D

Acq: 15 Aug 2017 15:45

Instrument :

BNA_F

ClientSampleId :

PB101477BL

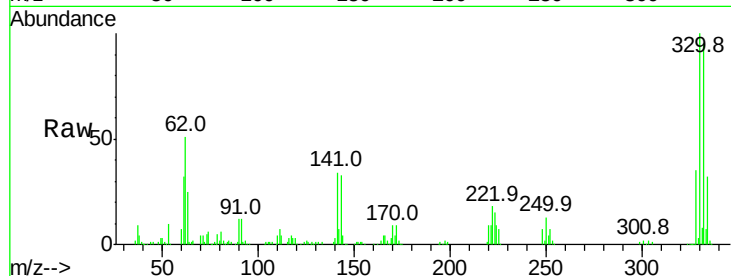
Tot Ion:330 Resp: 232338

Ion Ratio Lower Upper

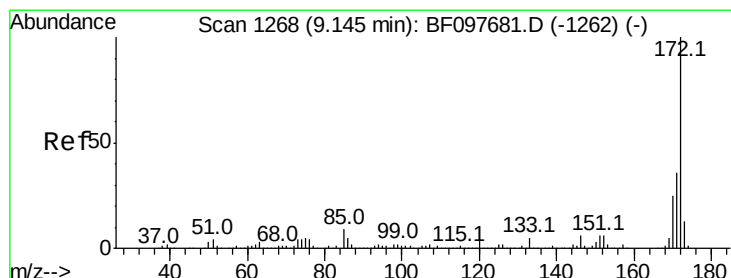
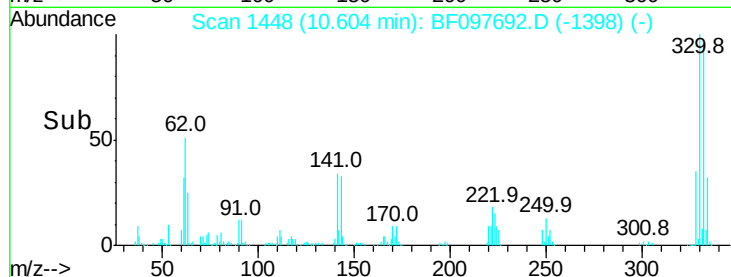
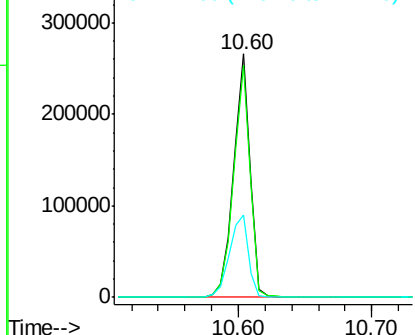
330 100

332 95.6 76.6 115.0

141 38.7 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: 77.226 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF097692.D

Acq: 15 Aug 2017 15:45

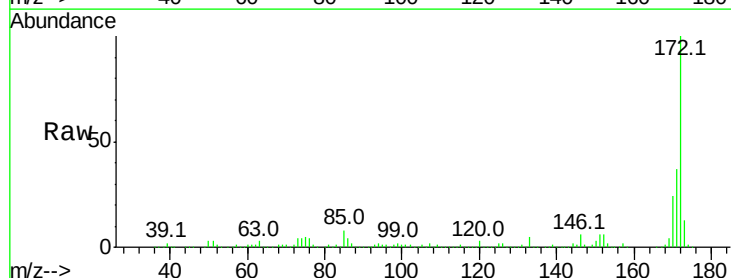
Tgt Ion:172 Resp: 1116266

Ion Ratio Lower Upper

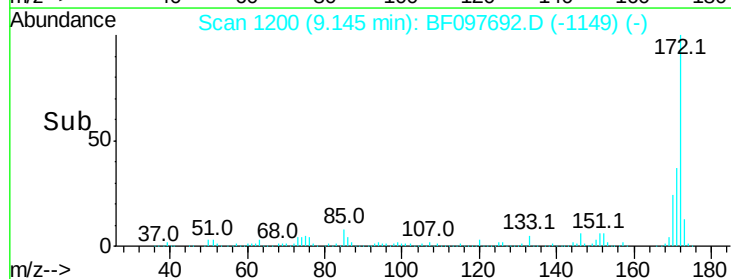
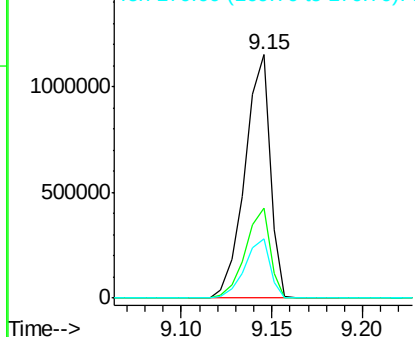
172 100

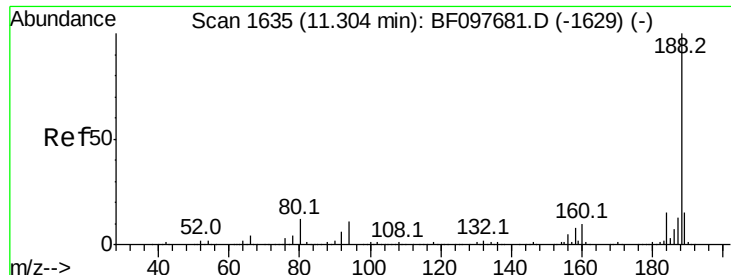
171 36.8 29.6 44.4

170 24.5 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

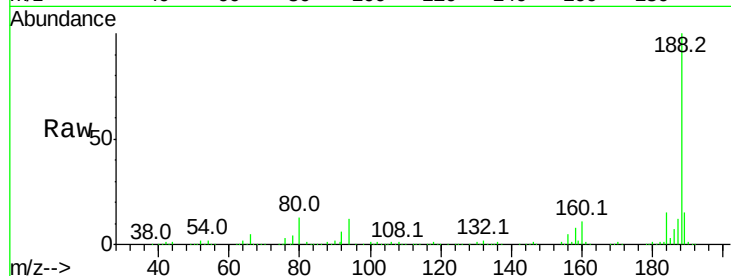




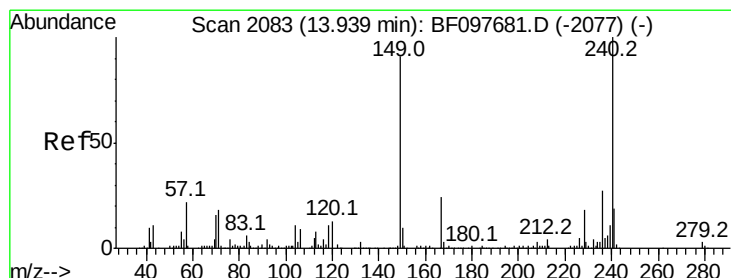
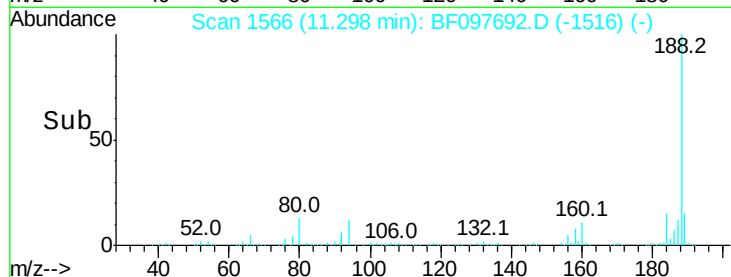
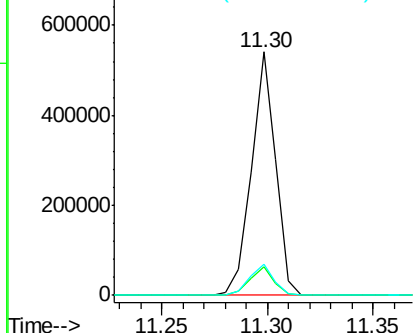
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097692.D
Acq: 15 Aug 2017 15:45

Instrument :
BNA_F
ClientSampleId :
PB101477BL

Tot Ion:188 Resp: 431034
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 13.0 10.2 15.2

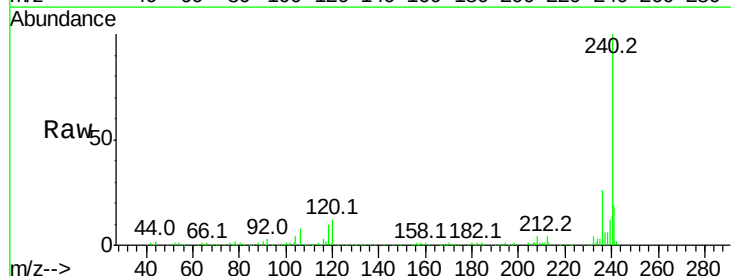


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

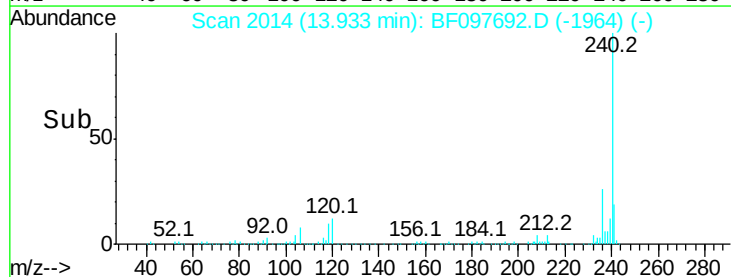
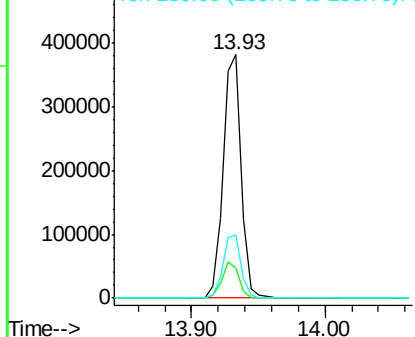


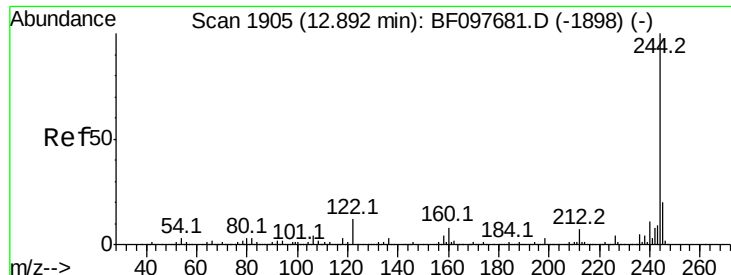
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097692.D
Acq: 15 Aug 2017 15:45

Tgt Ion:240 Resp: 365013
Ion Ratio Lower Upper
240 100
120 12.0 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: 61.141 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097692.D

Acq: 15 Aug 2017 15:45

Instrument :

BNA_F

ClientSampled :

PB101477BL

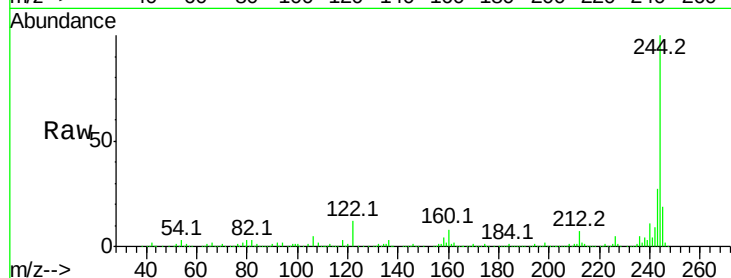
Tot Ion:244 Resp: 1070203

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

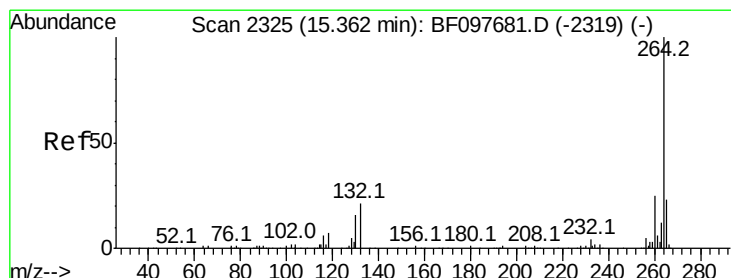
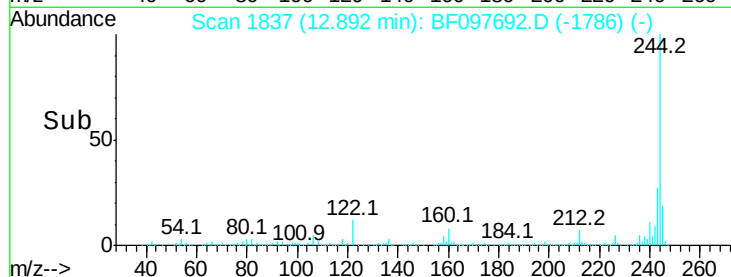
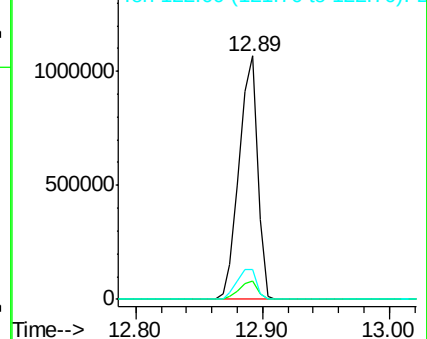
122 12.3 10.3 15.5



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: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097692.D

Acq: 15 Aug 2017 15:45

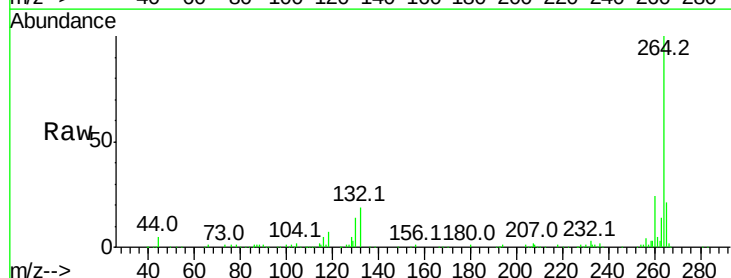
Tgt Ion:264 Resp: 248999

Ion Ratio Lower Upper

264 100

260 23.6 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

