

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097842.D
 Acq On : 18 Aug 2017 19:37
 Operator : SJ/JU
 Sample : PB101580BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101580BL

Quant Time: Aug 19 00:53:20 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	6.77	152	120868	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	486165	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	217395	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	438354	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	414158	20.00	ng	-0.02
86) Perylene-d12	15.36	264	364329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	952255	119.84	ng	0.00
7) Phenol-d6	6.40	99	1268588	117.50	ng	0.00
23) Nitrobenzene-d5	7.33	82	787304	87.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	252630	133.93	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1185891	80.15	ng	-0.01
78) Terphenyl-d14	12.88	244	1116542	56.22	ng	-0.01

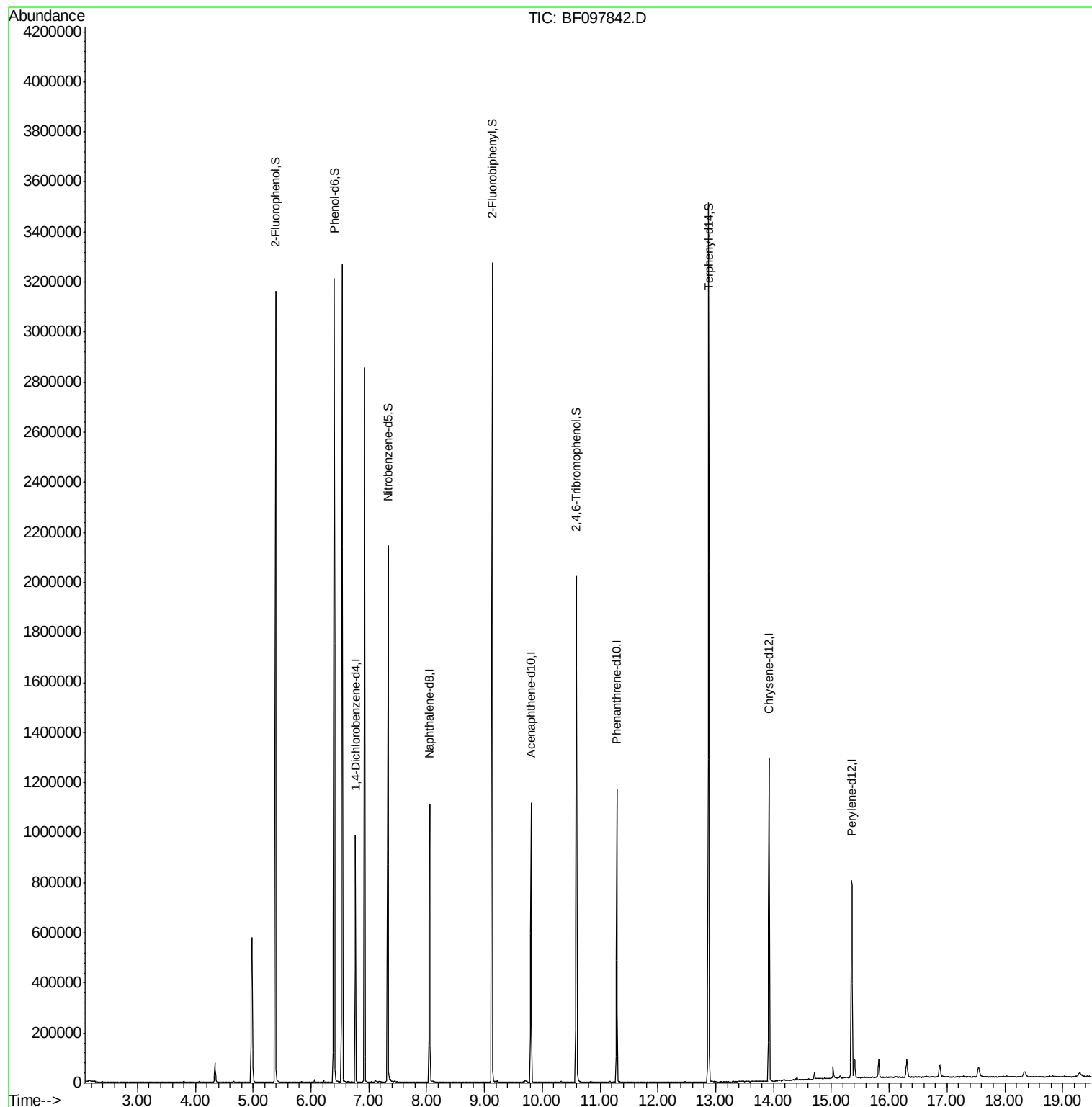
Target Compounds Qvalue

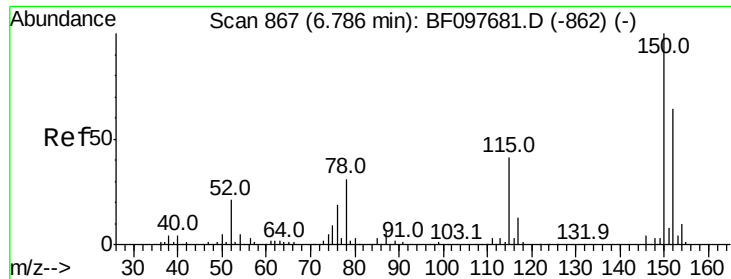
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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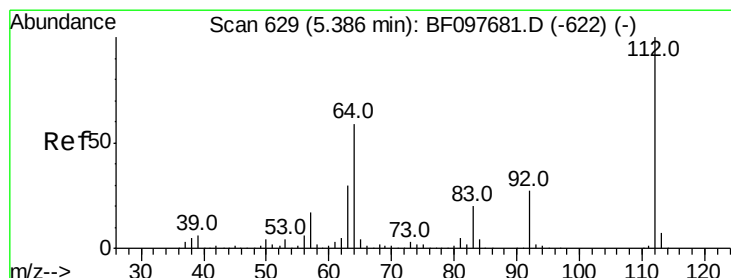
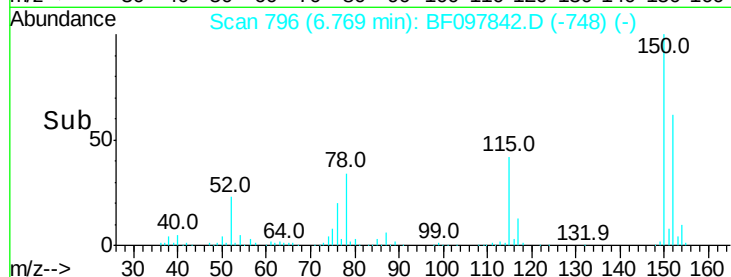
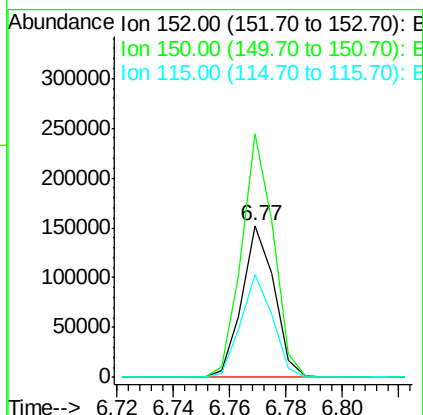
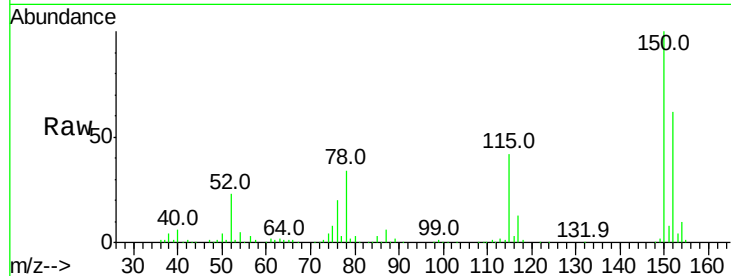


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Instrument :
BNA_F
ClientSampleId :
PB101580BL

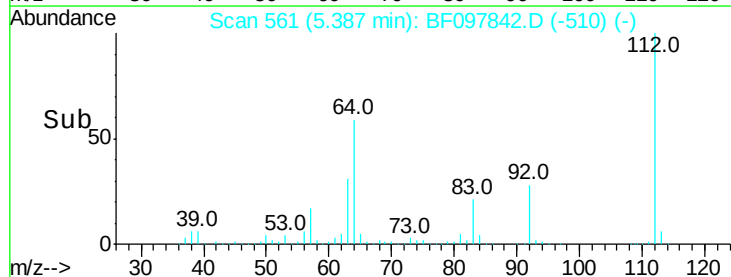
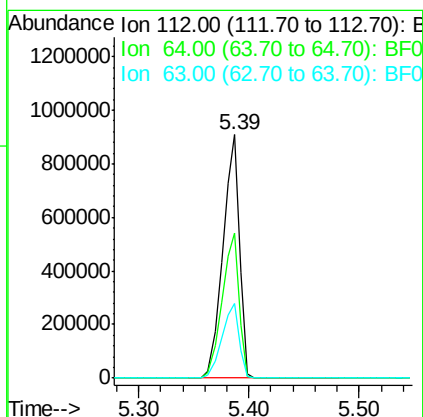
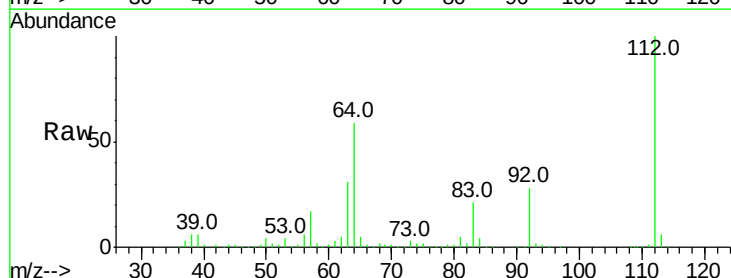
Tot Ion:152 Resp: 120868
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 67.5 52.2 78.2

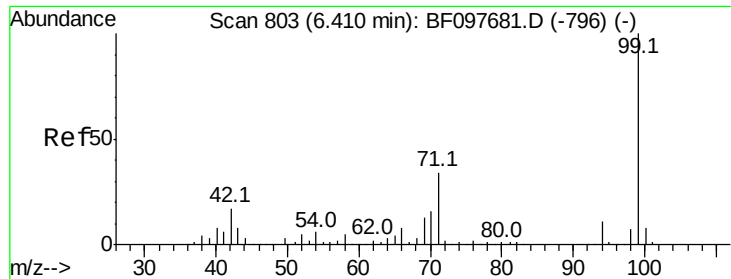


#5

2-Fluorophenol
Concen: 119.837 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Tgt Ion:112 Resp: 952255
Ion Ratio Lower Upper
112 100
64 59.4 46.0 69.0
63 30.6 23.4 35.0





#7

Phenol-d6

Concen: 117.498 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

Instrument :

BNA_F

ClientSampleId :

PB101580BL

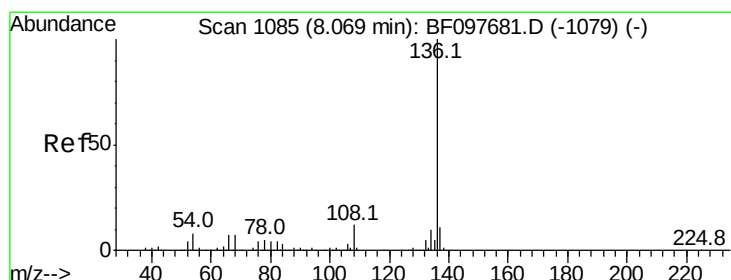
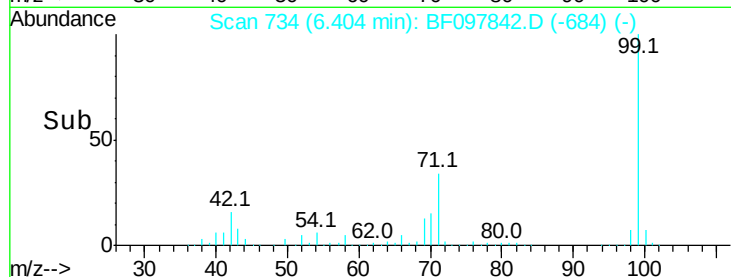
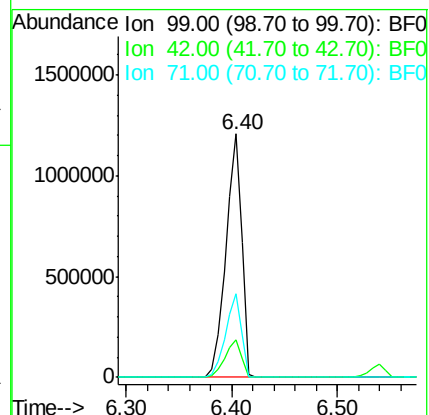
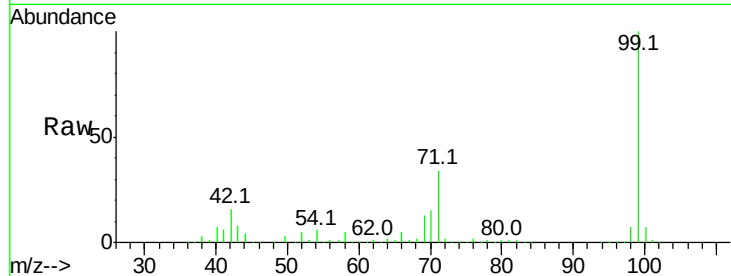
Tot Ion: 99 Resp: 1268588

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	34.1	24.5	36.7

99 100

42 15.6 13.5 20.3

71 34.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

Tgt Ion: 136 Resp: 486165

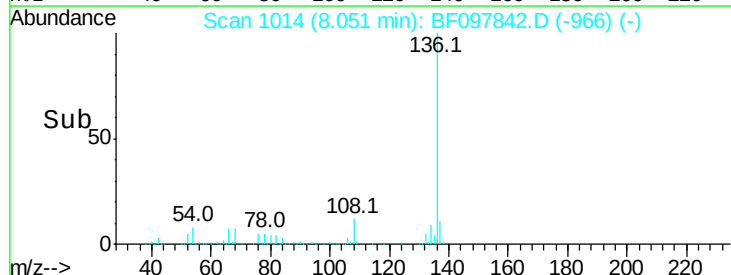
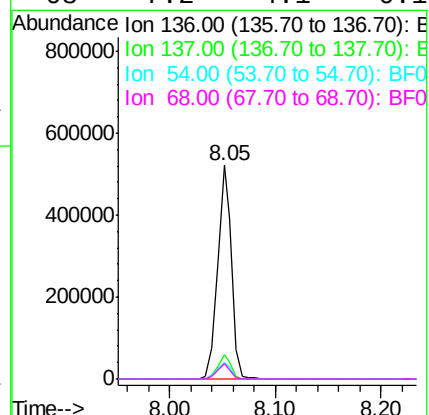
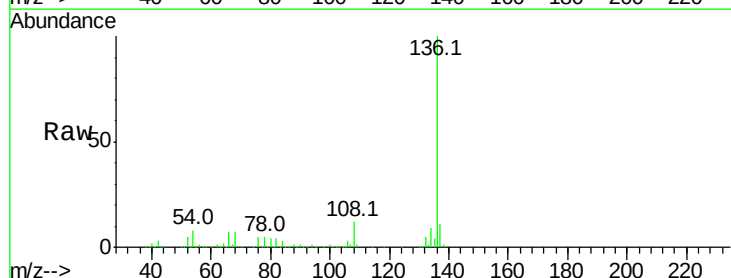
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.1	4.9	7.3#
68	7.2	4.1	6.1#

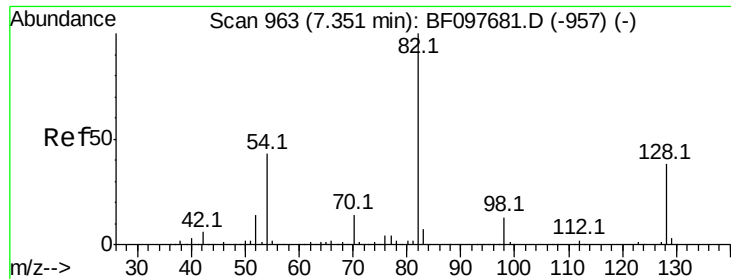
136 100

137 11.2 8.5 12.7

54 8.1 4.9 7.3#

68 7.2 4.1 6.1#

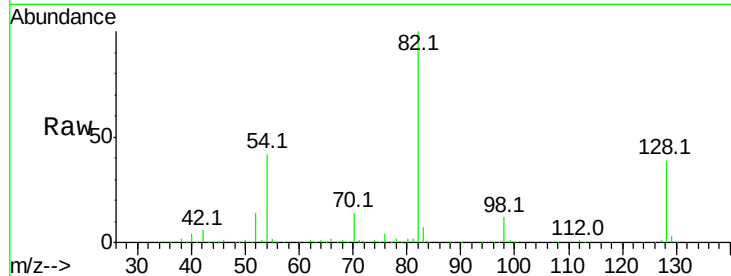




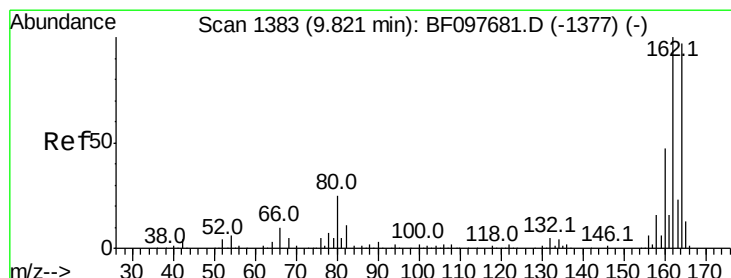
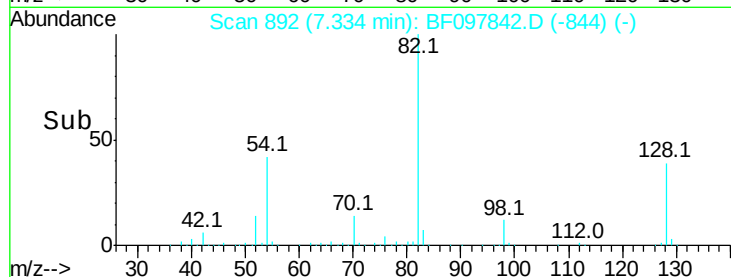
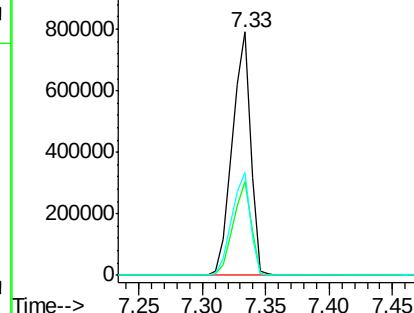
#23
 Nitrobenzene-d5
 Concen: 87.974 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB101580BL

Tot Ion: 82 Resp: 787304
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.0 51.0
 54 42.4 42.2 63.2

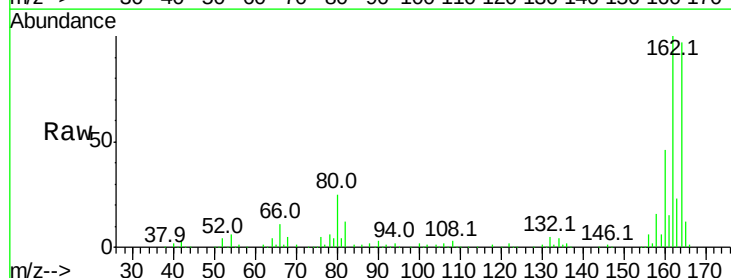


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

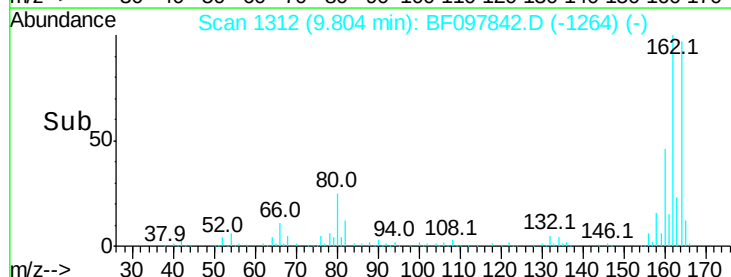
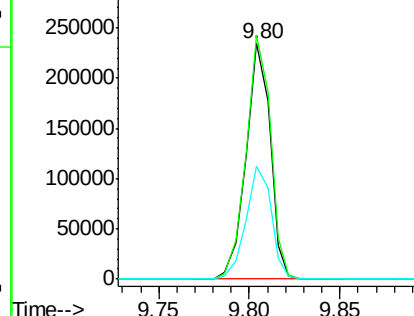


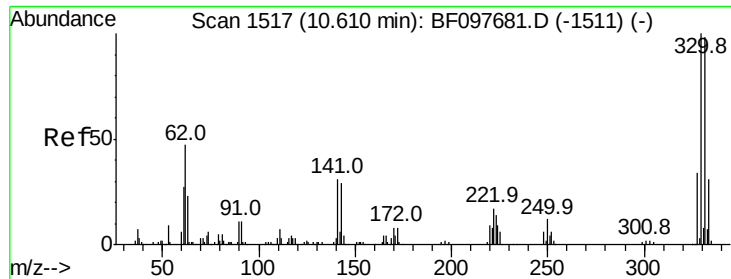
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

Tgt Ion:164 Resp: 217395
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 48.0 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

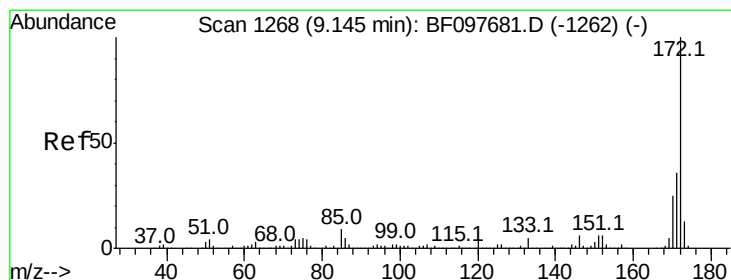
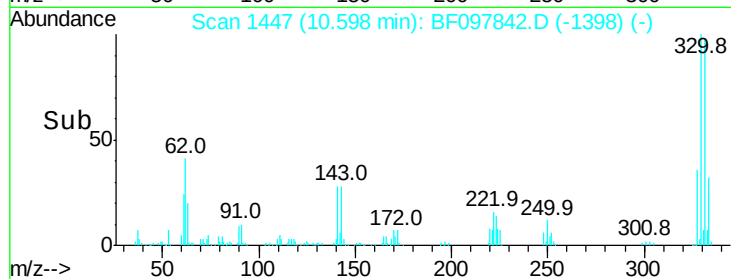
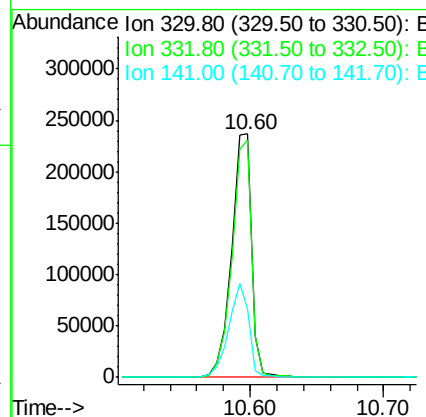
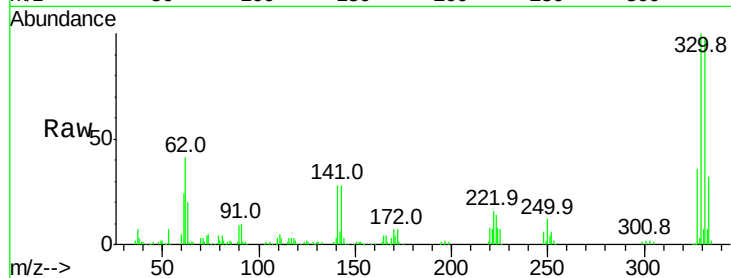




#41
 2,4,6-Tribromophenol
 Concen: 133.932 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

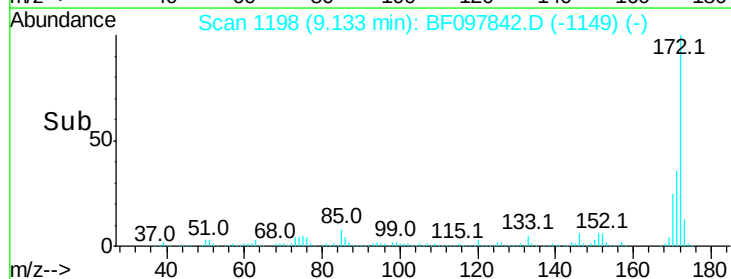
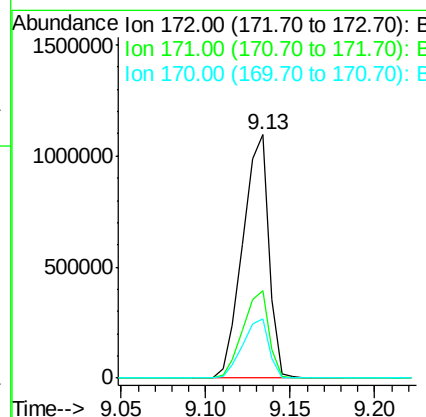
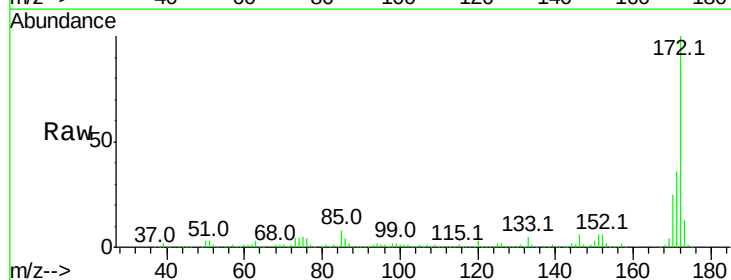
Instrument :
 BNA_F
 ClientSampleId :
 PB101580BL

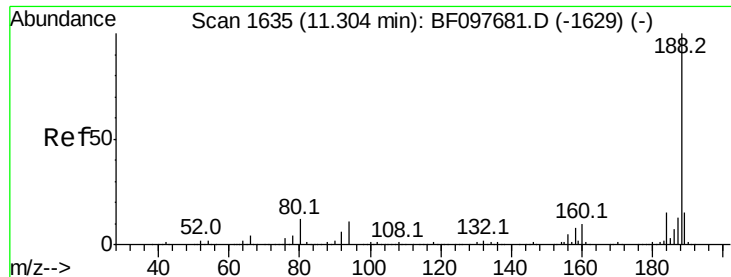
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	38.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.145 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097842.D
 Acq: 18 Aug 2017 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.6	19.8	29.8

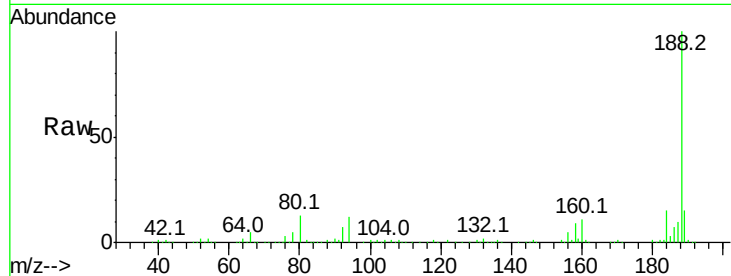




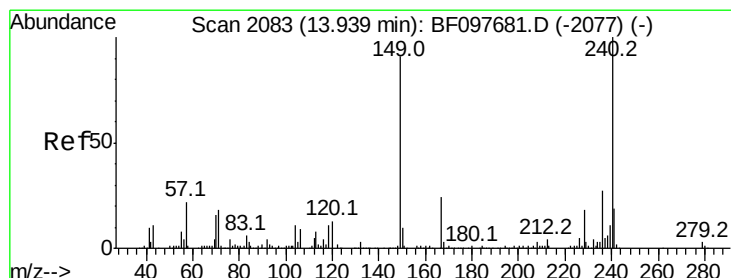
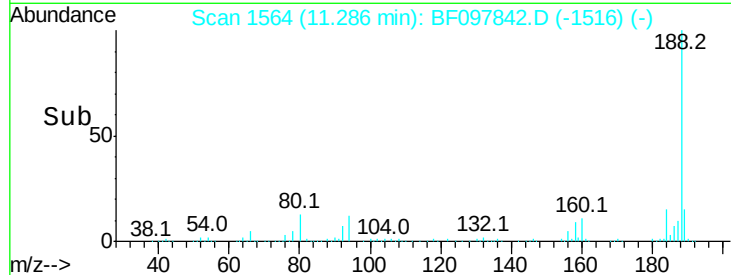
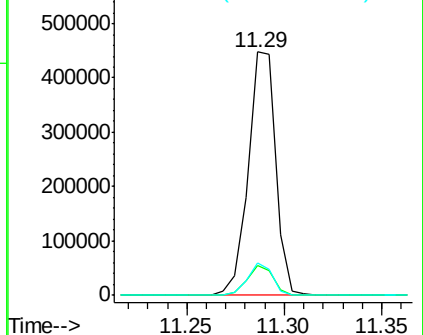
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Instrument :
BNA_F
ClientSampleId :
PB101580BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	13.1	10.2	15.2

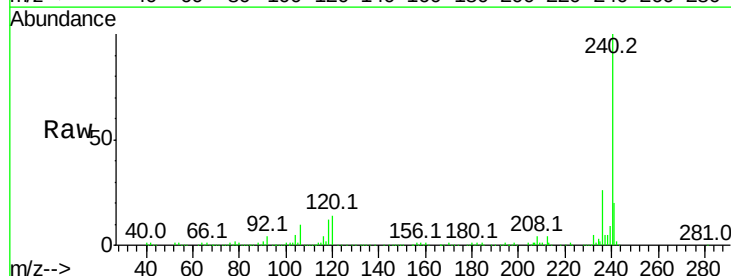


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

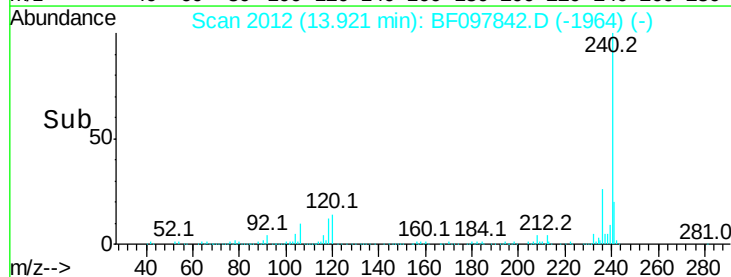
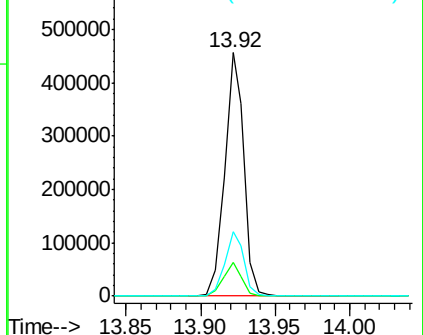


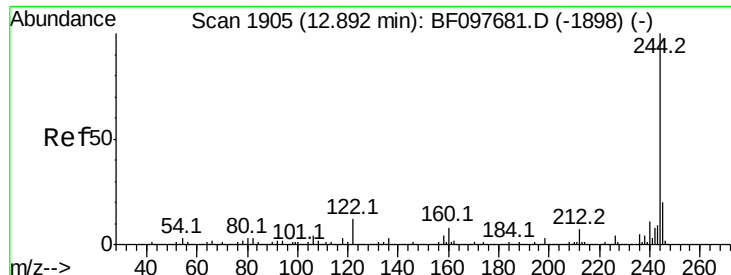
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097842.D
Acq: 18 Aug 2017 19:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.3	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: 56.219 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

Instrument :

BNA_F

ClientSampleId :

PB101580BL

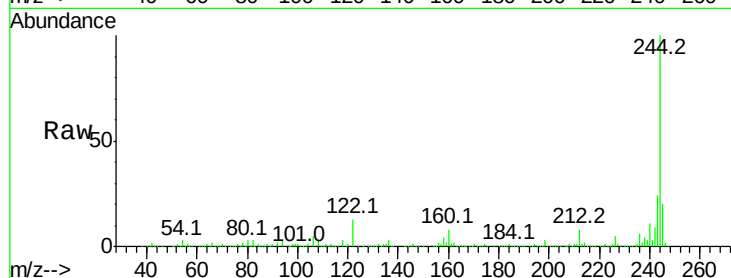
Tot Ion:244 Resp: 1116542

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

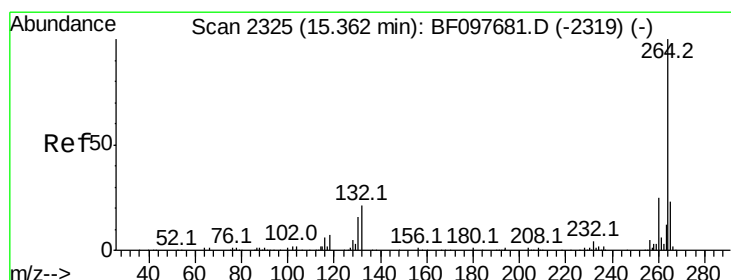
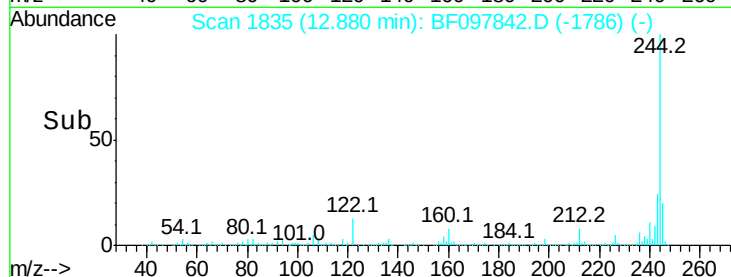
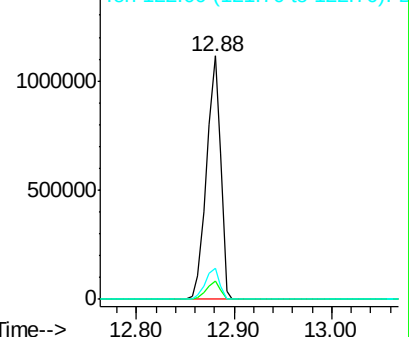
122 12.9 10.3 15.5



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097842.D

Acq: 18 Aug 2017 19:37

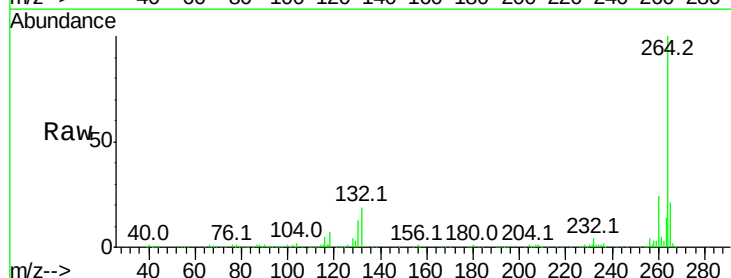
Tgt Ion:264 Resp: 364329

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.1 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

