

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097841.D
 Acq On : 18 Aug 2017 19:09
 Operator : SJ/JU
 Sample : PB101579BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101579BL

Quant Time: Aug 19 00:49:31 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	123454	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	493120	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	217462	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	435223	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	410355	20.00	ng	-0.02
86) Perylene-d12	15.36	264	352740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1035925	127.64	ng	0.00
7) Phenol-d6	6.40	99	1397426	126.72	ng	0.00
23) Nitrobenzene-d5	7.33	82	874168	96.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	262445	139.09	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1262942	85.33	ng	-0.01
78) Terphenyl-d14	12.88	244	1196714	60.81	ng	-0.01

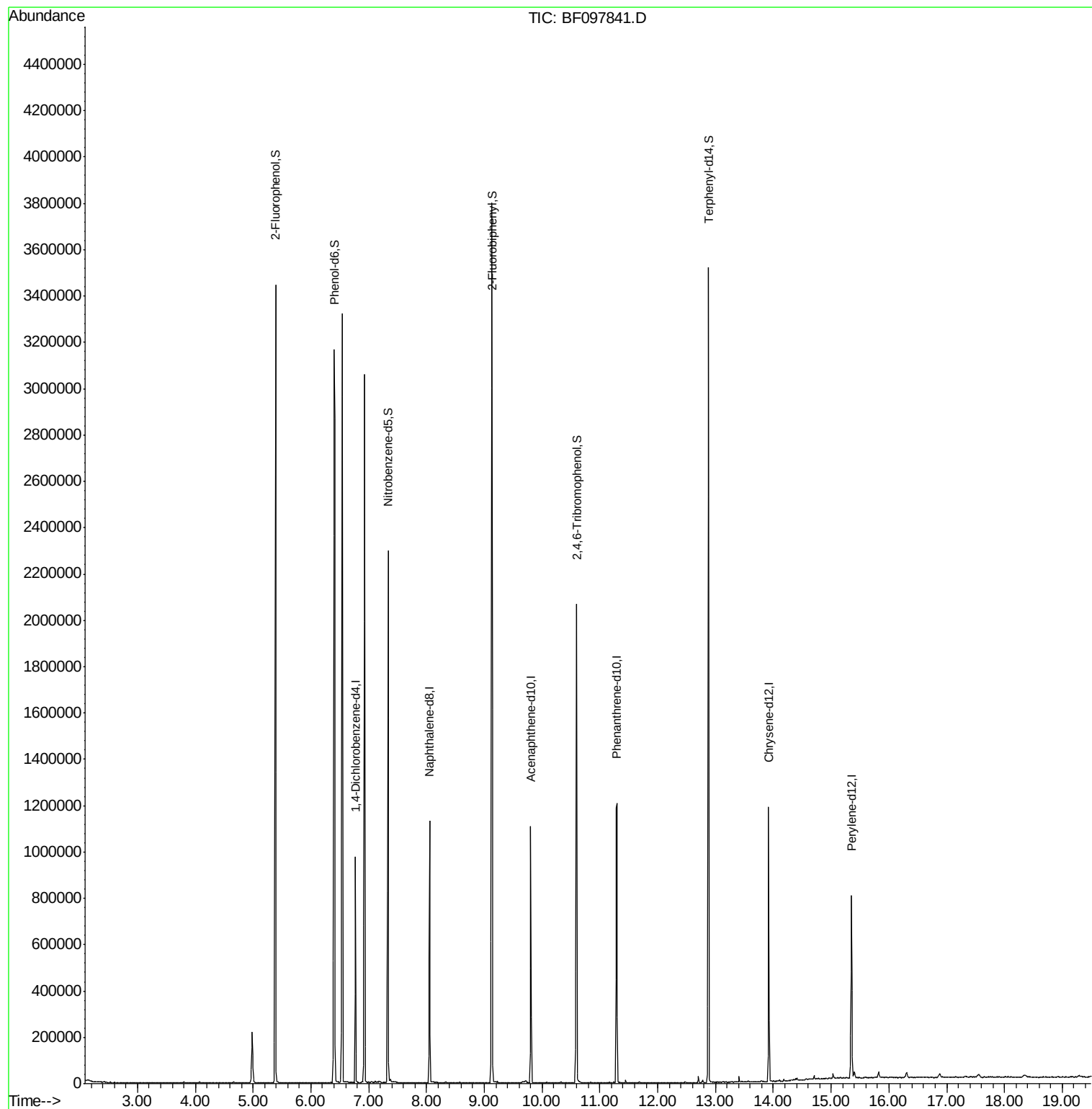
Target Compounds Qvalue

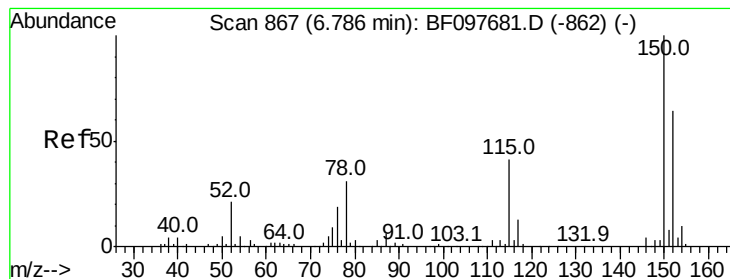
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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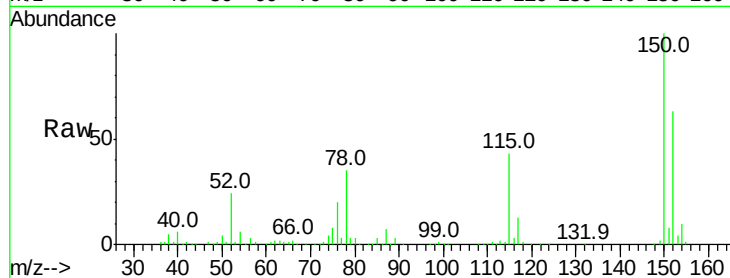


#1

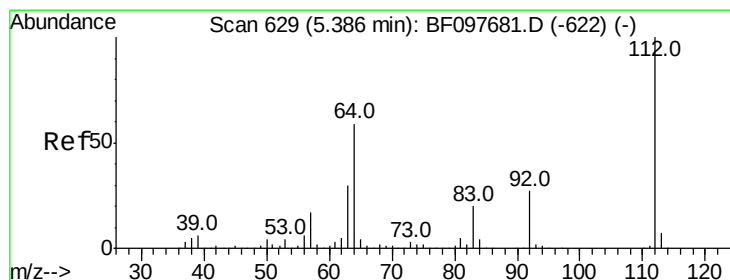
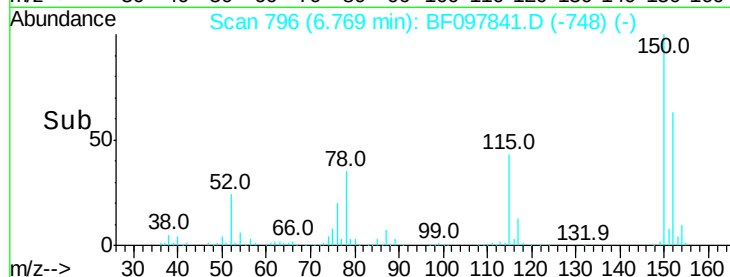
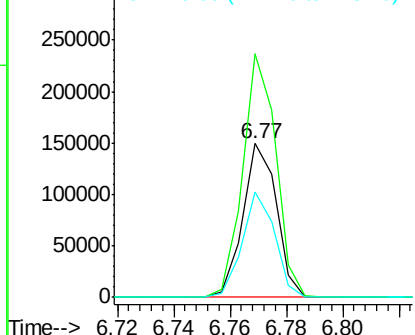
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097841.D
Acq: 18 Aug 2017 19:09

Instrument :
BNA_F
ClientSampleId :
PB101579BL

Tot Ion:152 Resp: 123454
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 68.5 52.2 78.2



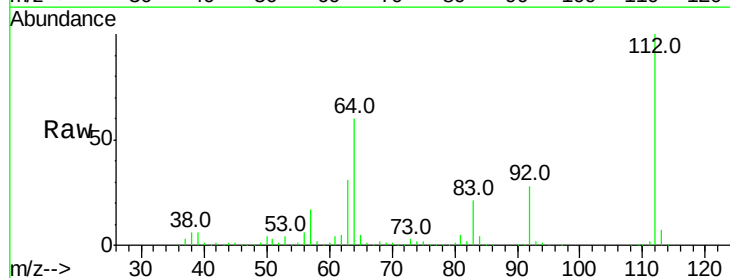
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



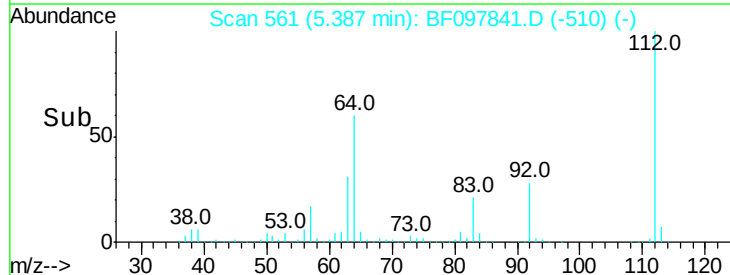
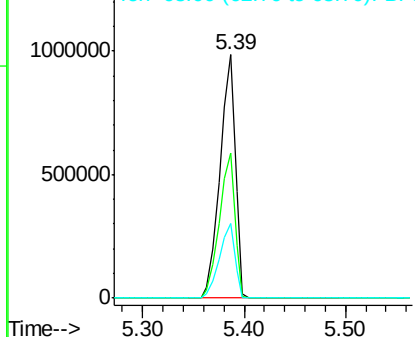
#5

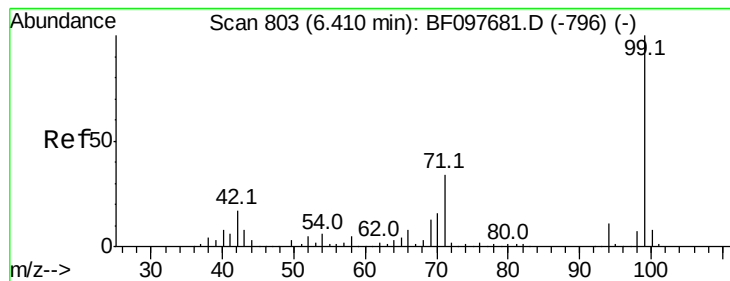
2-Fluorophenol
Concen: 127.636 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097841.D
Acq: 18 Aug 2017 19:09

Tgt Ion:112 Resp: 1035925
Ion Ratio Lower Upper
112 100
64 59.6 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: 126.720 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097841.D

Acq: 18 Aug 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB101579BL

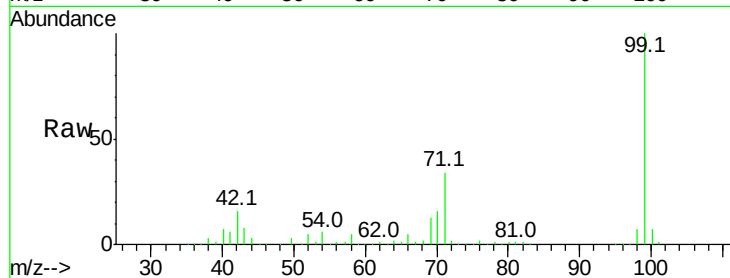
Tot Ion: 99 Resp: 1397426

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

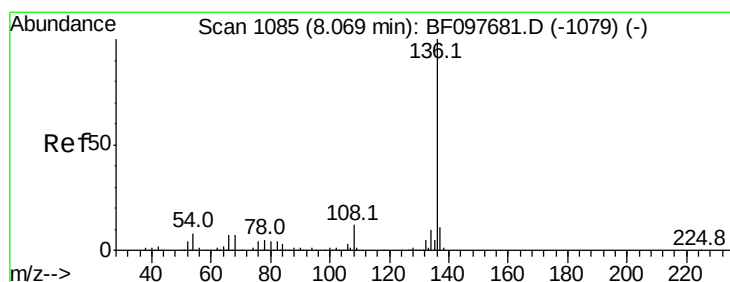
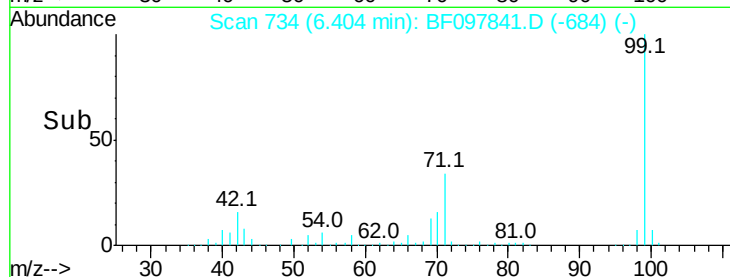
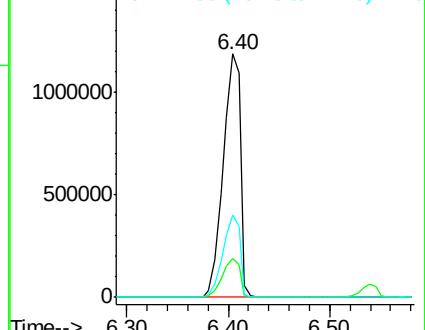
71 33.9 24.5 36.7



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: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097841.D

Acq: 18 Aug 2017 19:09

Tgt Ion: 136 Resp: 493120

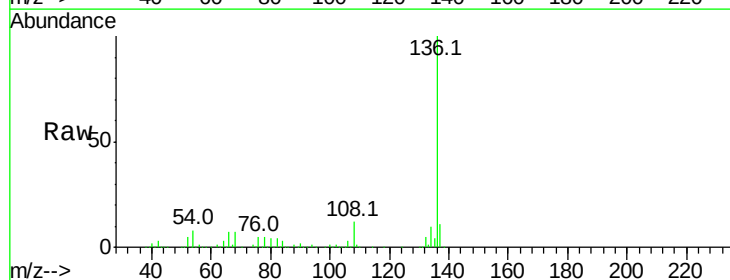
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 7.1 4.1 6.1#

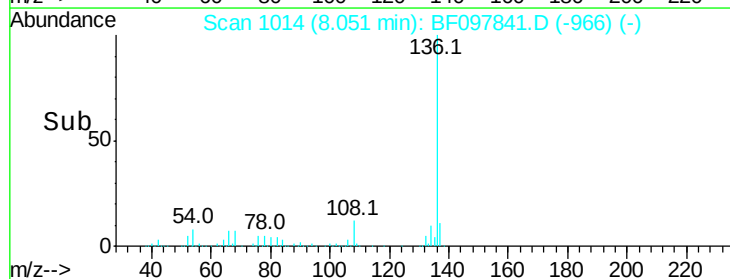
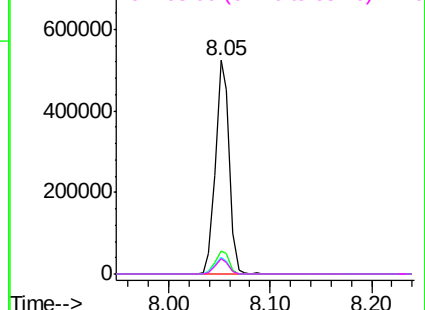


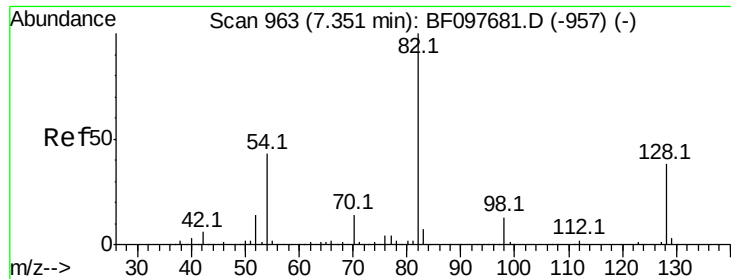
Abundance Ion 136.00 (135.70 to 136.70): E

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

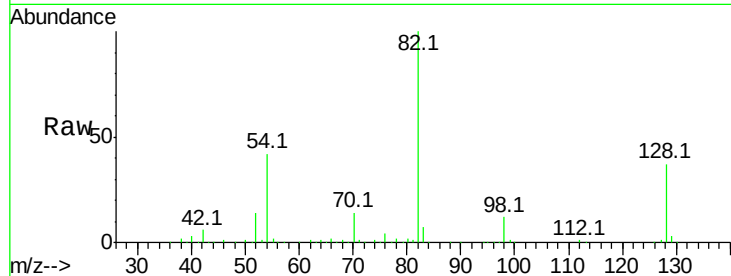




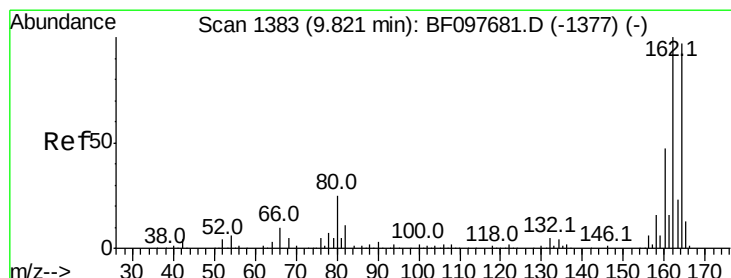
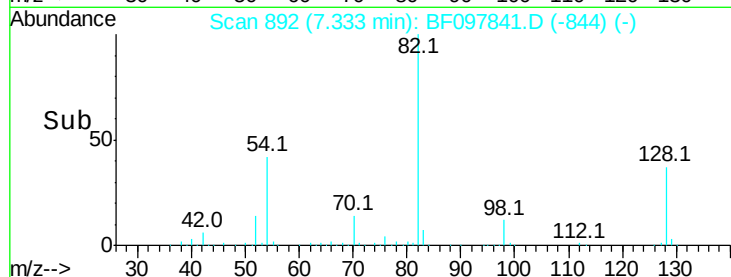
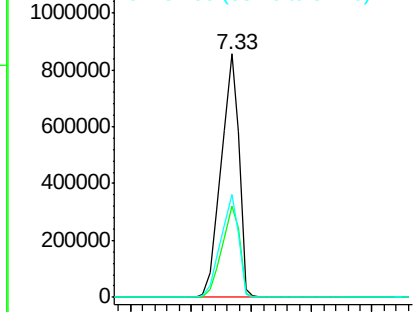
#23
 Nitrobenzene-d5
 Concen: 96.303 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097841.D
 Acq: 18 Aug 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB101579BL

Tot Ion: 82 Resp: 874168
 Ion Ratio Lower Upper
 82 100
 128 37.3 34.0 51.0
 54 42.4 42.2 63.2

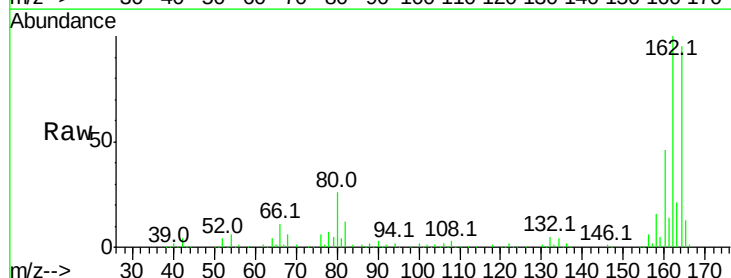


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

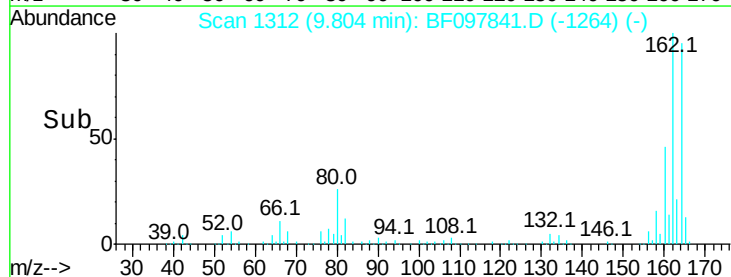
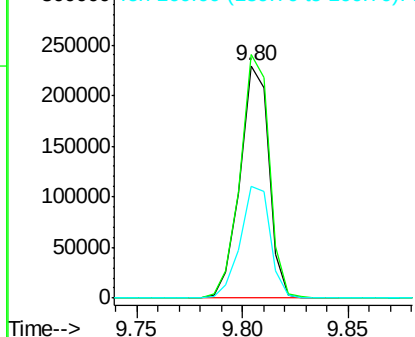


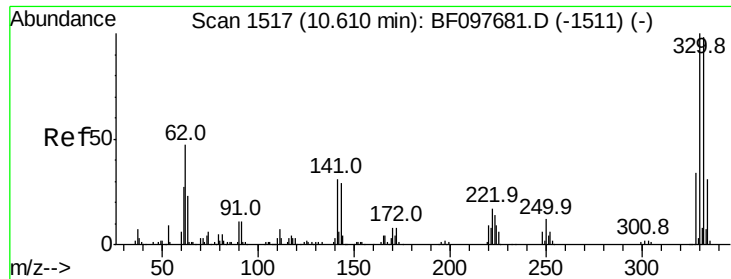
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097841.D
 Acq: 18 Aug 2017 19:09

Tgt Ion: 164 Resp: 217462
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 48.2 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

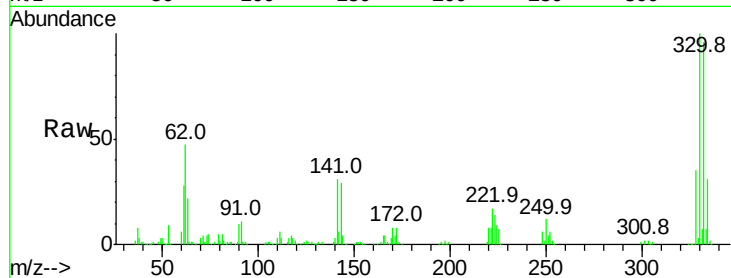




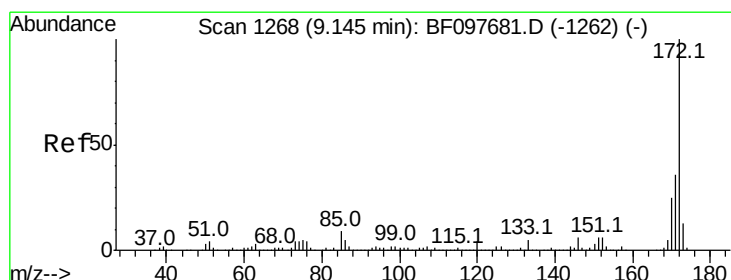
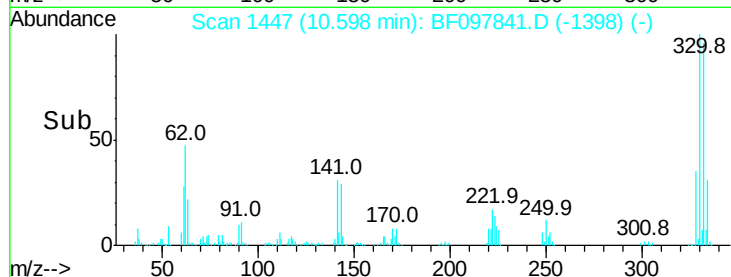
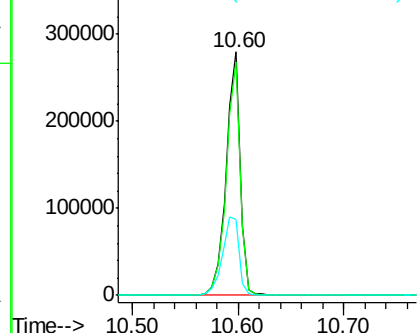
#41
 2,4,6-Tribromophenol
 Concen: 139.093 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097841.D
 Acq: 18 Aug 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB101579BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.5	31.4	47.2

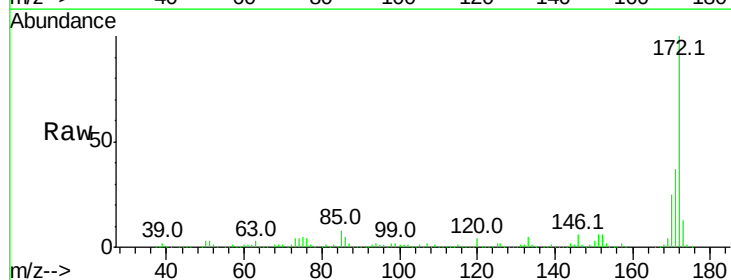


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

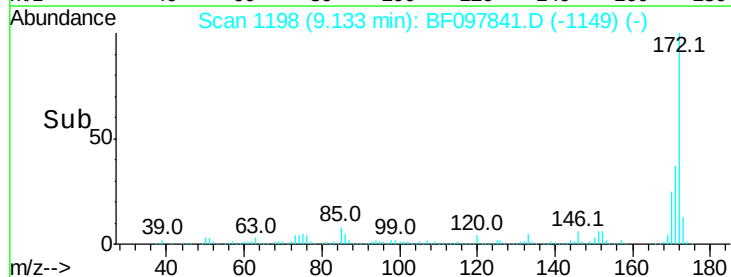
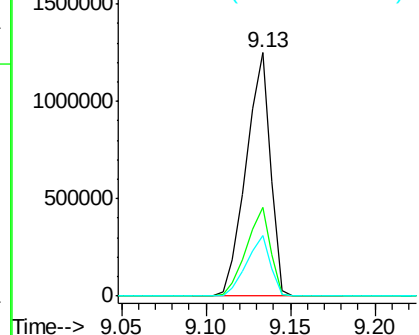


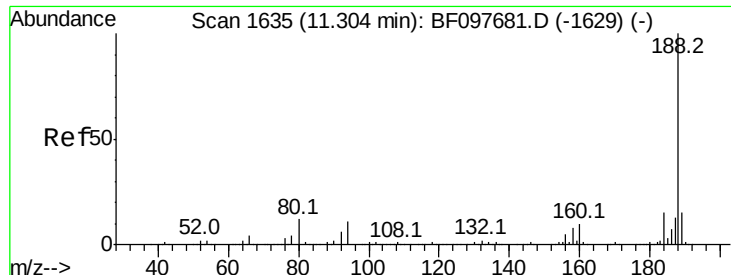
#44
 2-Fluorobiphenyl
 Concen: 85.326 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097841.D
 Acq: 18 Aug 2017 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.9	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

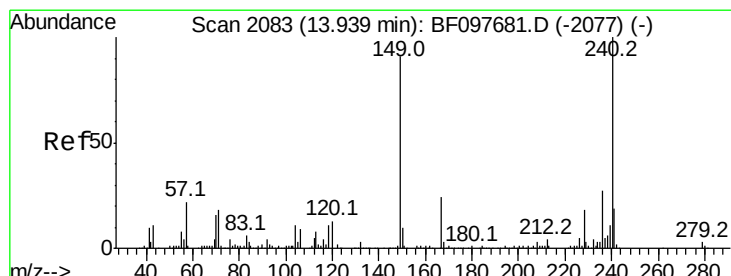
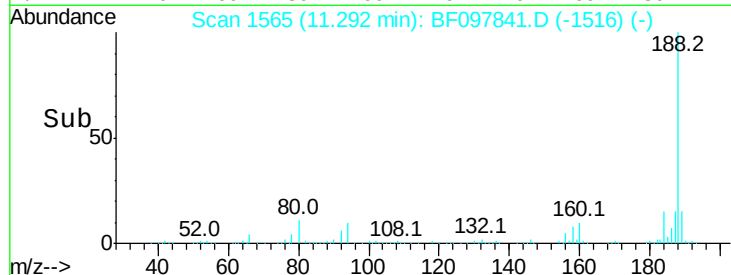
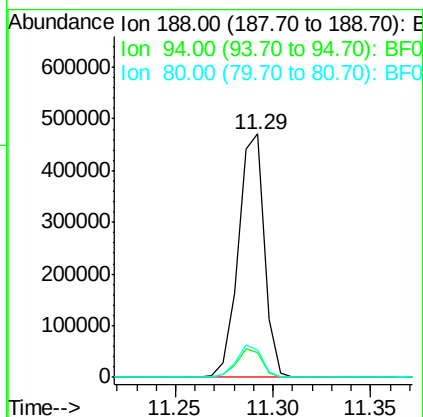
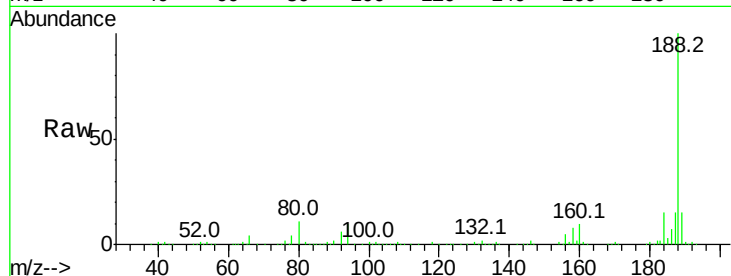




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097841.D
Acq: 18 Aug 2017 19:09

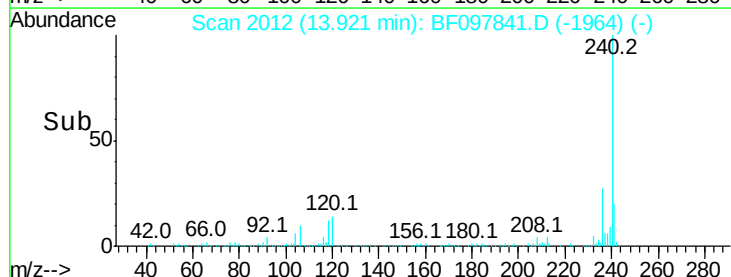
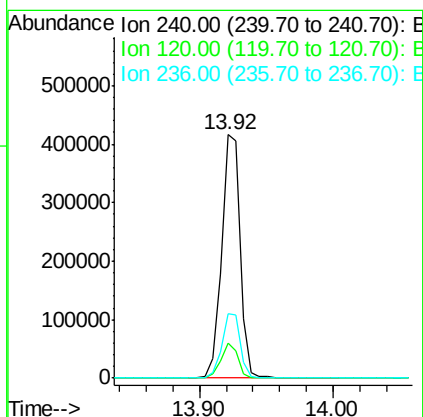
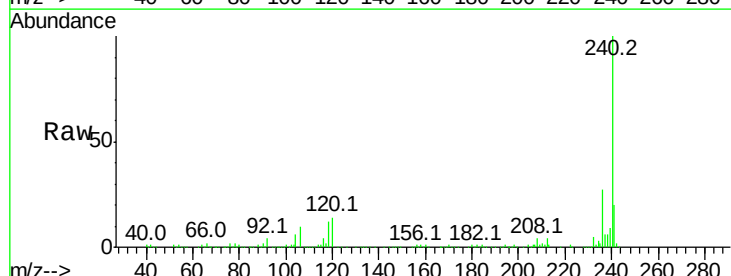
Instrument :
BNA_F
ClientSampleId :
PB101579BL

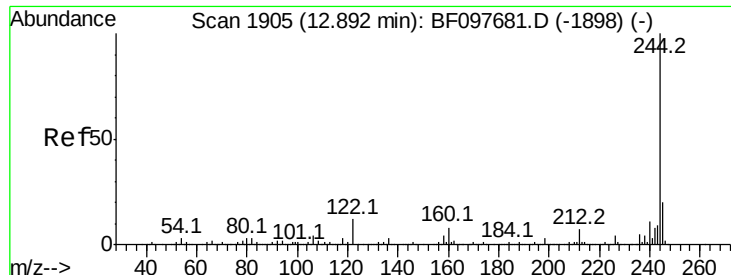
Tot Ion:188 Resp: 435223
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097841.D
Acq: 18 Aug 2017 19:09

Tgt Ion:240 Resp: 410355
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 26.6 20.5 30.7





#78

Terphenyl-d14

Concen: 60.814 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097841.D

Acq: 18 Aug 2017 19:09

Instrument :

BNA_F

ClientSampleId :

PB101579BL

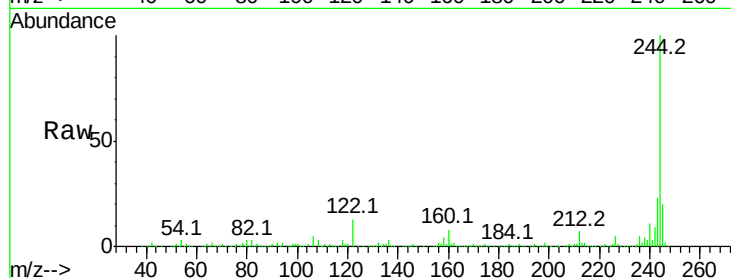
Tot Ion:244 Resp: 1196714

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

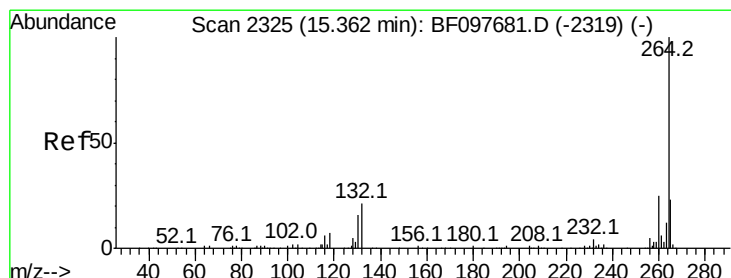
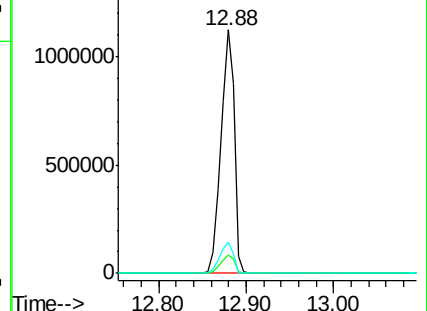
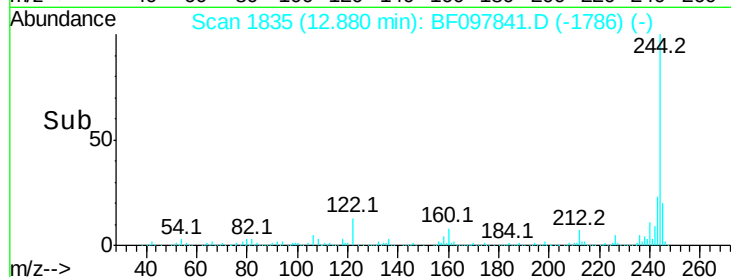
122 12.6 10.3 15.5



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097841.D

Acq: 18 Aug 2017 19:09

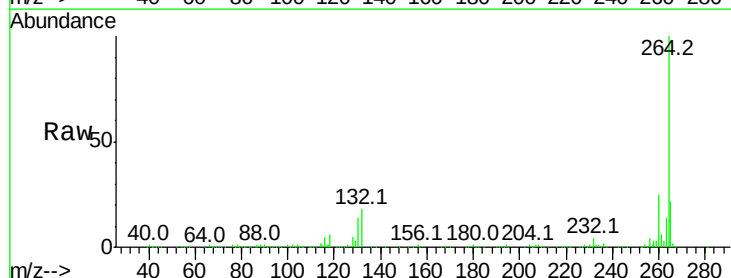
Tgt Ion:264 Resp: 352740

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.6 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

