

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097054.D
 Acq On : 26 Jul 2017 3:48
 Operator : SJ/JU
 Sample : I4363-01RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3RE

Quant Time: Jul 26 13:13:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

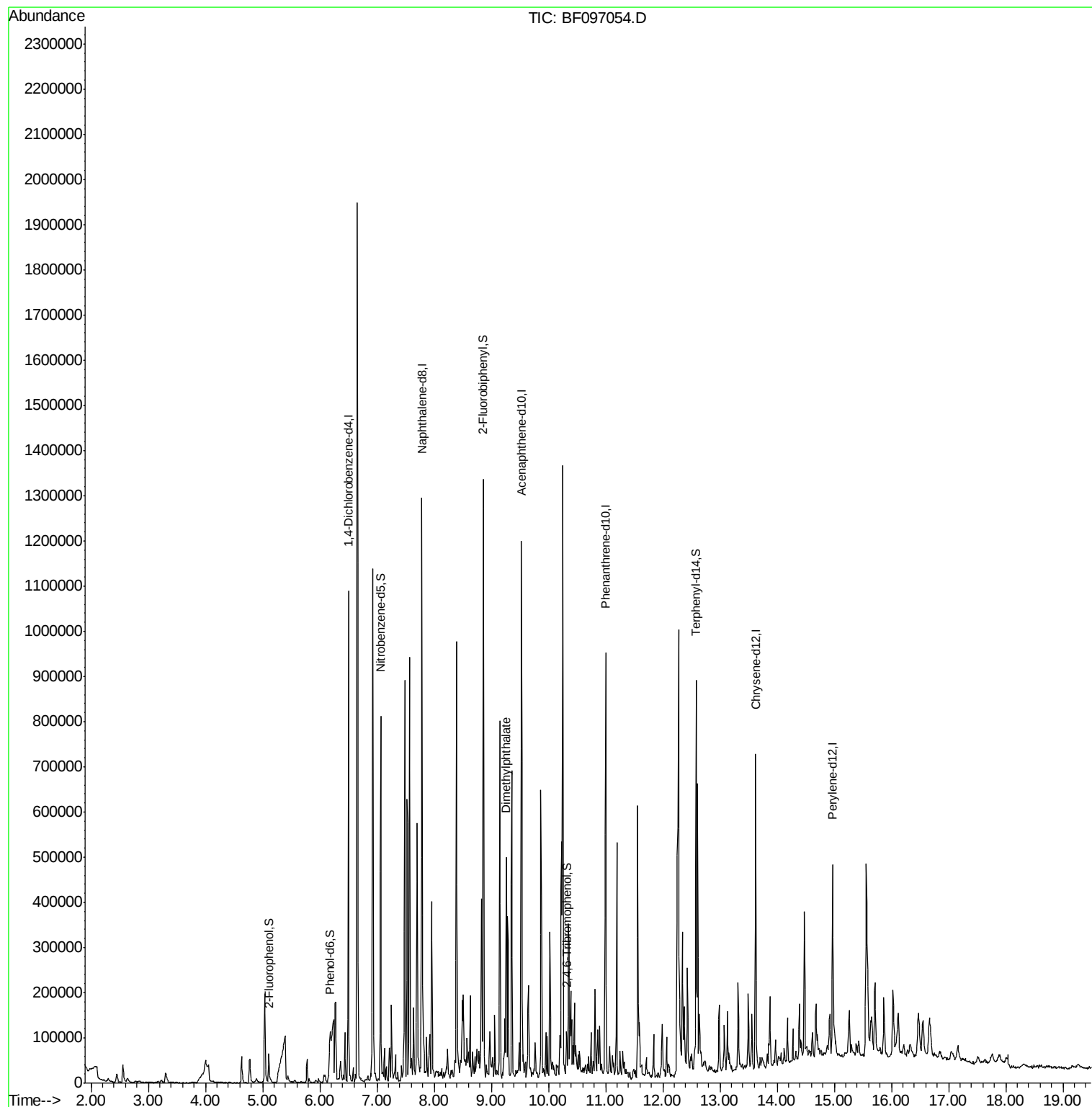
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	139048	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	545196	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	209615	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	291254	20.00	ng	0.00
75) Chrysene-d12	13.62	240	227167	20.00	ng	0.00
86) Perylene-d12	14.97	264	165616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	23497	2.55	ng	0.00
7) Phenol-d6	6.17	99	25214	2.39	ng	0.00
23) Nitrobenzene-d5	7.06	82	210943	22.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	6772	4.09	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	413478	33.48	ng	0.00
78) Terphenyl-d14	12.58	244	252578	22.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.26	163	119861	7.530	ng	Qvalue 98

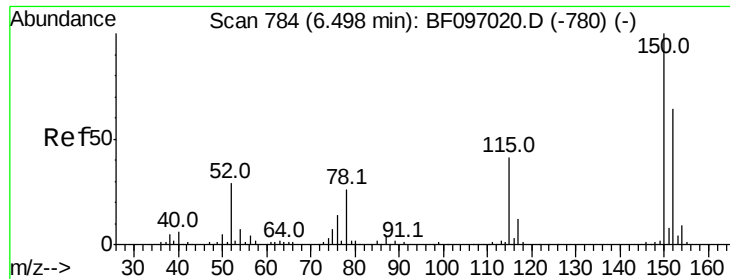
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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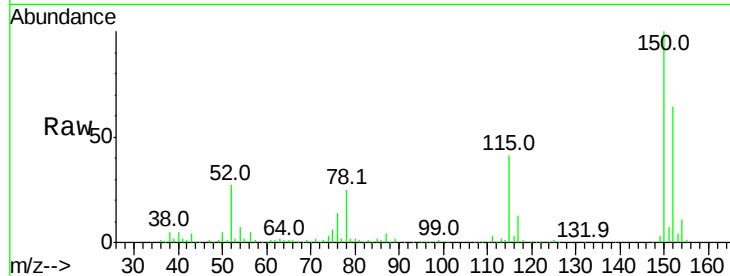


#1

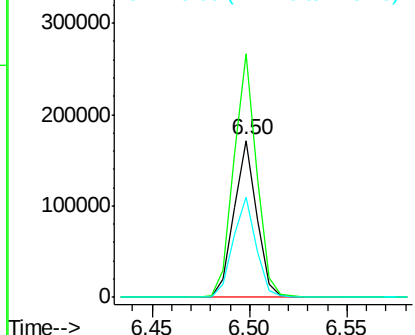
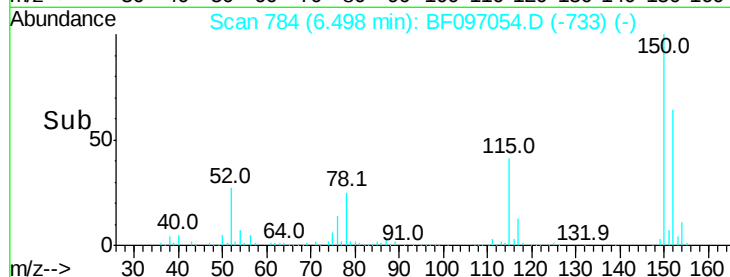
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Instrument :
BNA_F
ClientSampleId :
B-COMB-3RE

Tot Ion:152 Resp: 139048
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 63.6 52.2 78.2



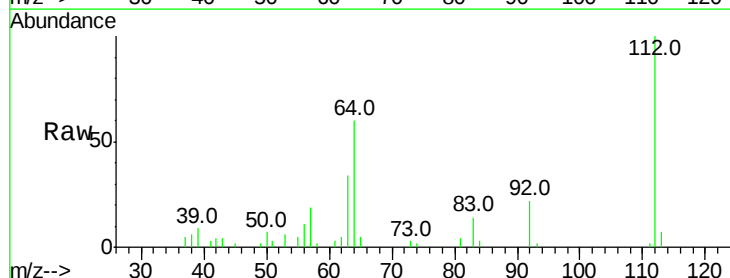
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



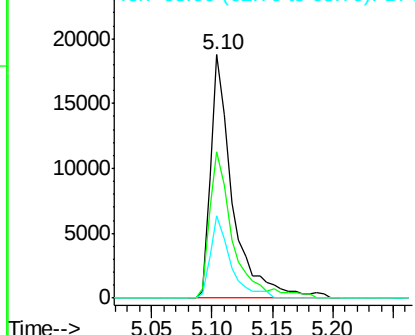
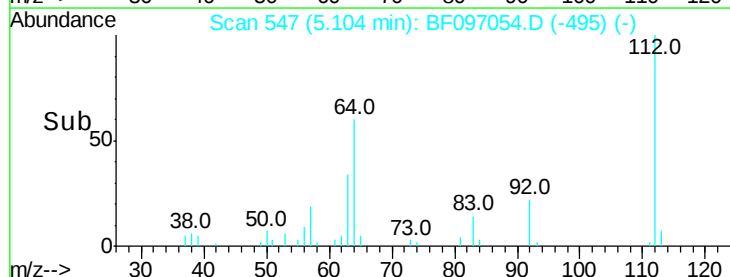
#5

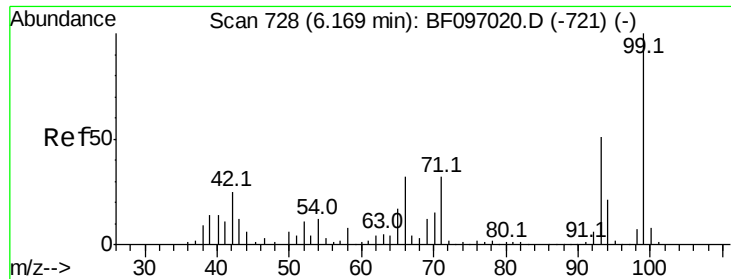
2-Fluorophenol
Concen: 2.547 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Tgt Ion:112 Resp: 23497
Ion Ratio Lower Upper
112 100
64 60.2 46.0 69.0
63 33.7 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: 2.394 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

Instrument :

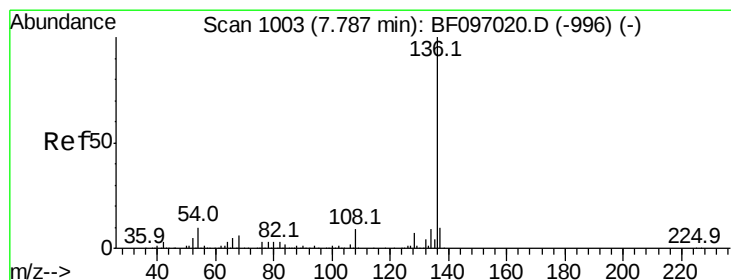
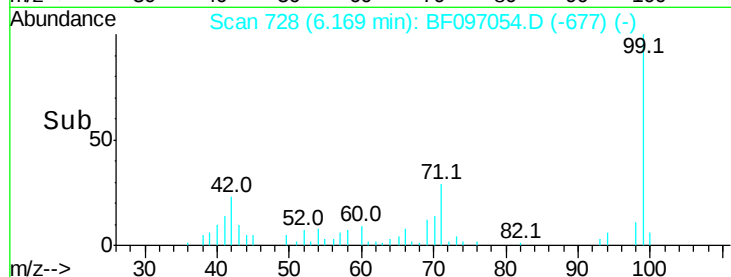
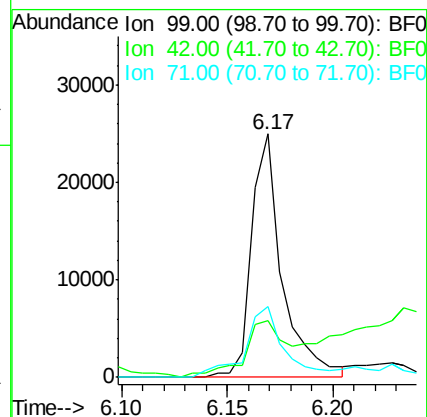
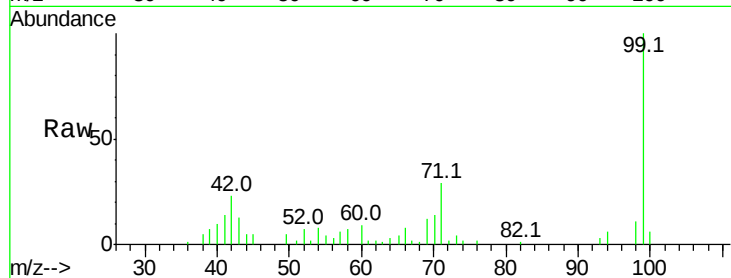
BNA_F

ClientSampleId :

B-COMB-3RE

Tot Ion: 99 Resp: 25214

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	29.2	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

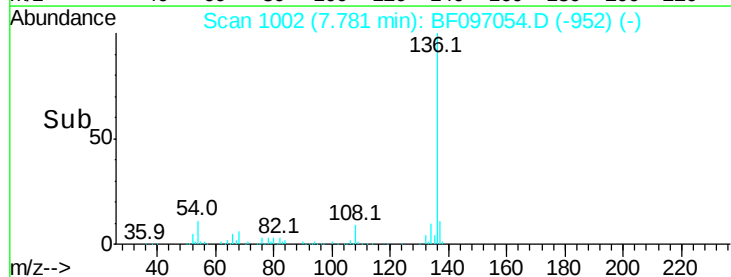
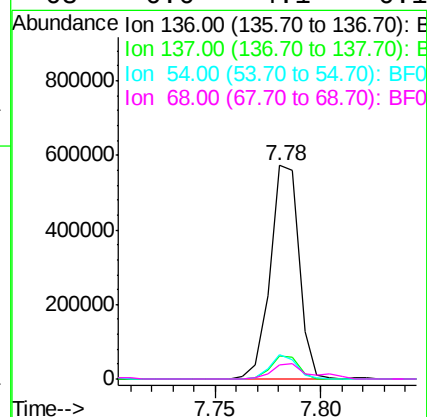
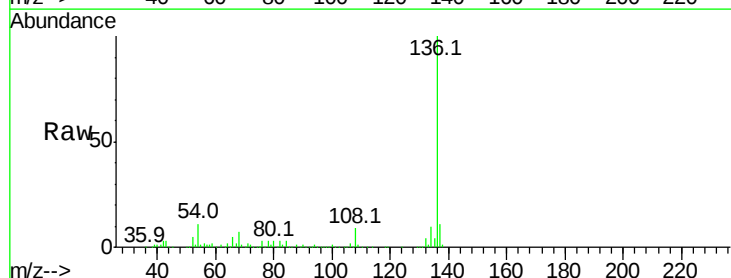
Delta R.T. -0.01 min

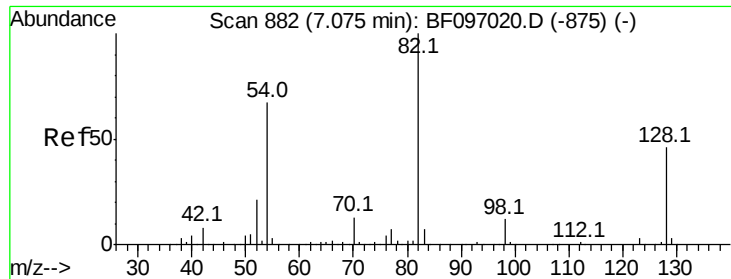
Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

Tgt Ion: 136 Resp: 545196

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.3	4.9	7.3#
68	6.6	4.1	6.1#

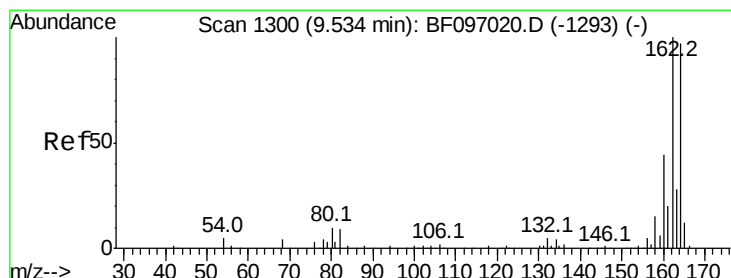
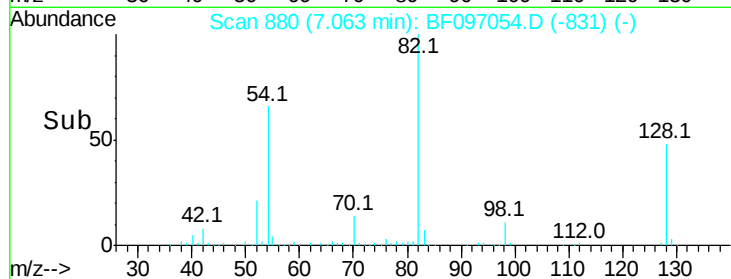
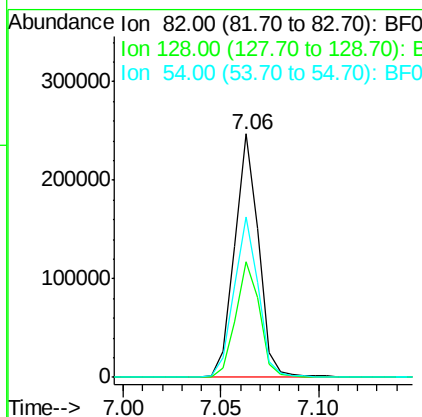
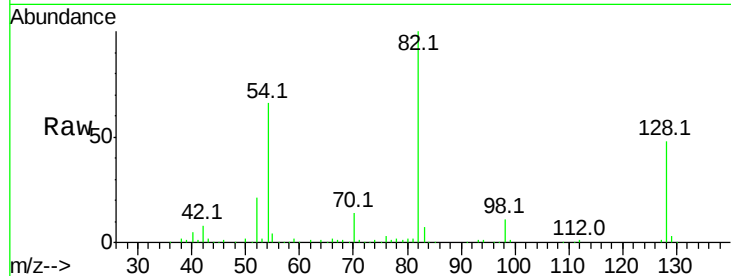




#23
 Nitrobenzene-d5
 Concen: 22.698 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

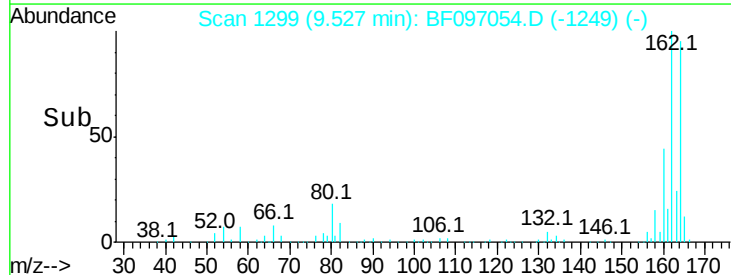
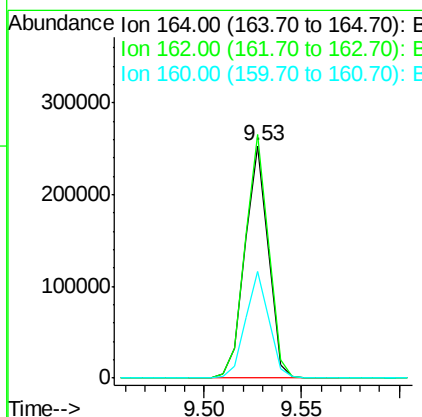
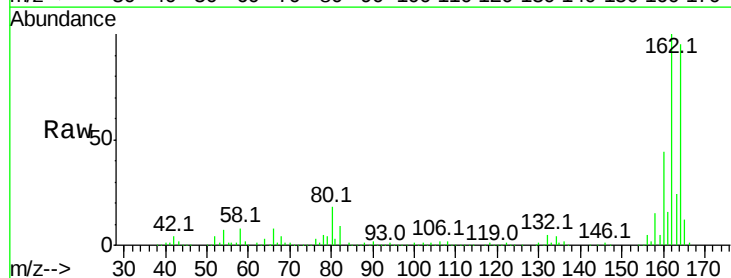
Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3RE

Tot Ion: 82 Resp: 210943
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 66.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

Tgt Ion:164 Resp: 209615
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 46.0 36.2 54.2

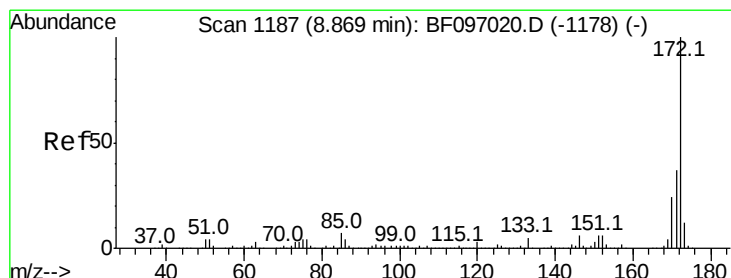
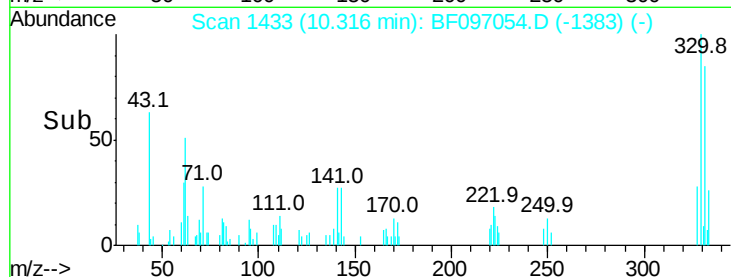
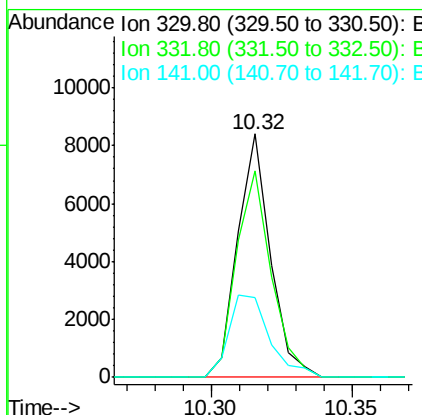
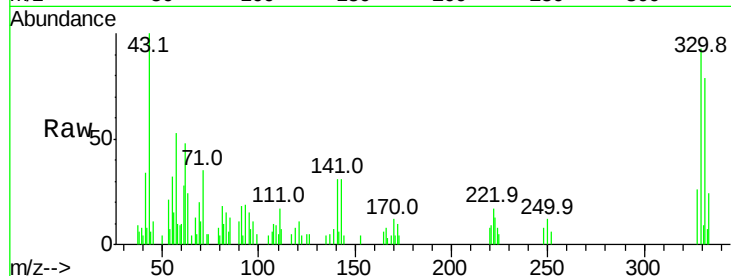




#41
 2,4,6-Tribromophenol
 Concen: 4.089 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

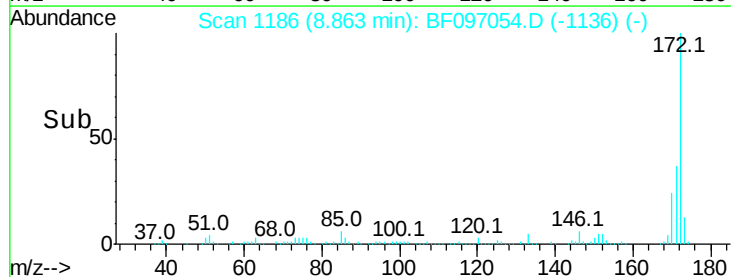
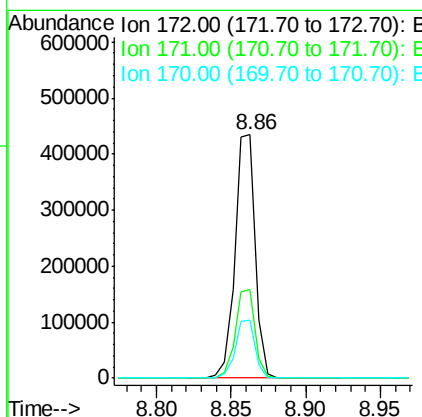
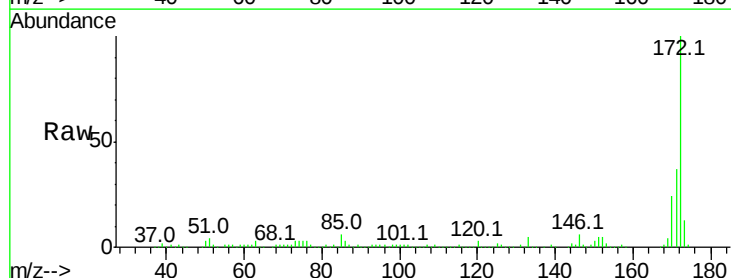
Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3RE

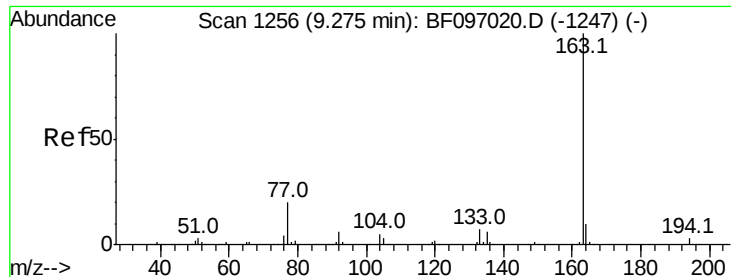
Tot Ion:330 Resp: 6772
 Ion Ratio Lower Upper
 330 100
 332 90.8 76.6 115.0
 141 42.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 33.476 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

Tgt Ion:172 Resp: 413478
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.8 19.8 29.8

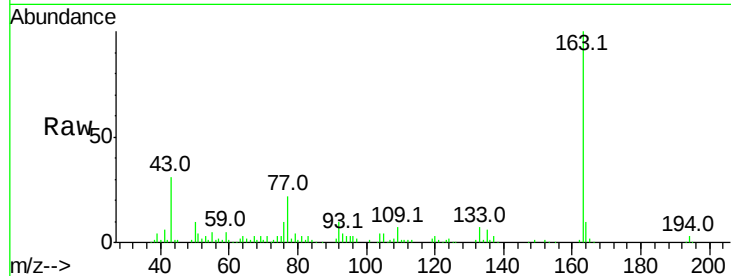




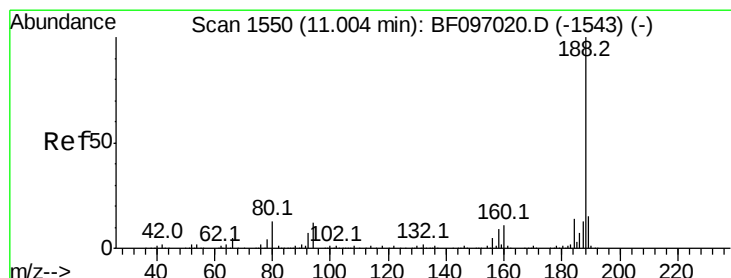
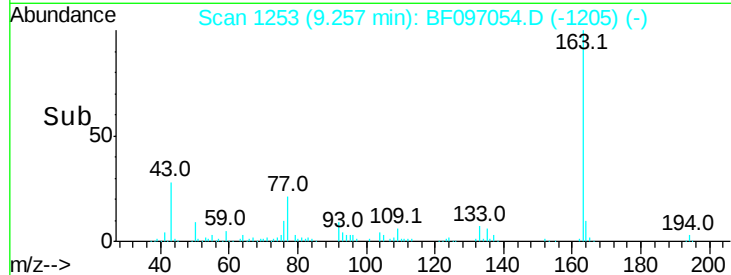
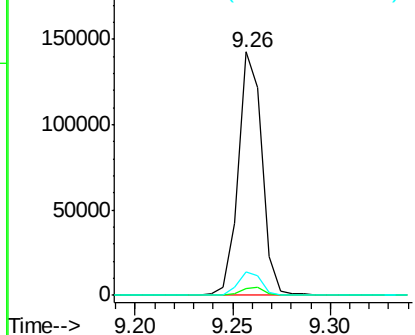
#49
Dimethylphthalate
Concen: 7.530 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Instrument :
BNA_F
ClientSampleId :
B-COMB-3RE

Tot Ion:163 Resp: 119861
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 9.7 8.4 12.6

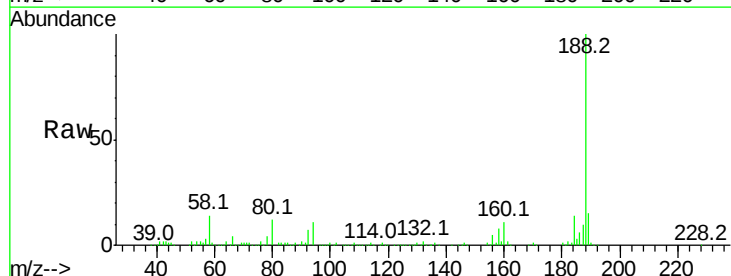


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

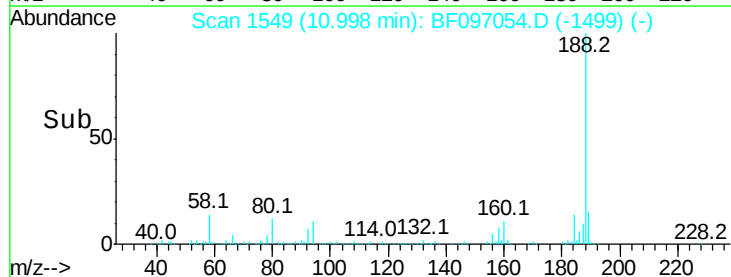
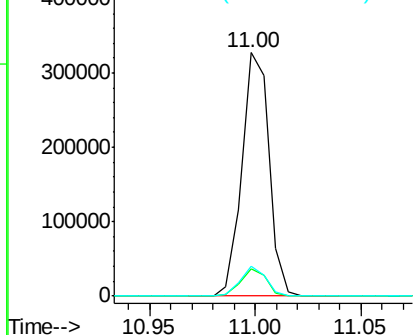


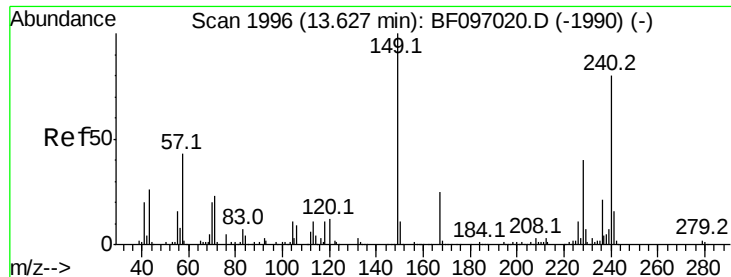
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Tgt Ion:188 Resp: 291254
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.3 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: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

Instrument :

BNA_F

ClientSampleId :

B-COMB-3RE

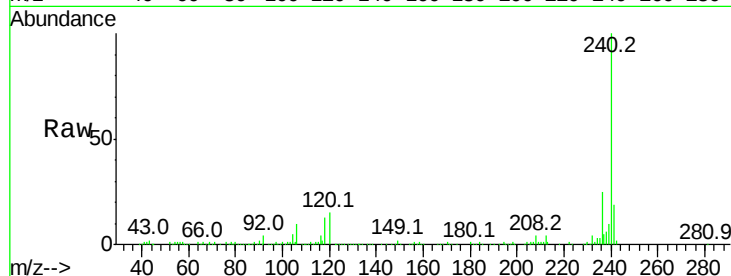
Tot Ion:240 Resp: 227167

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

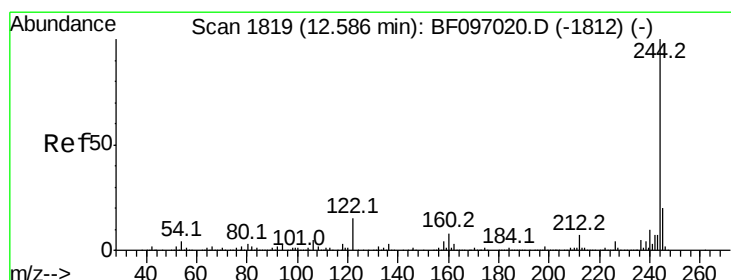
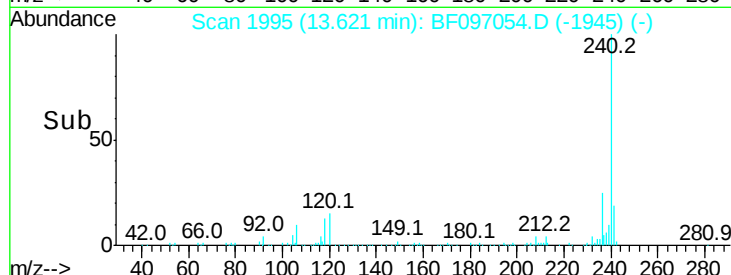
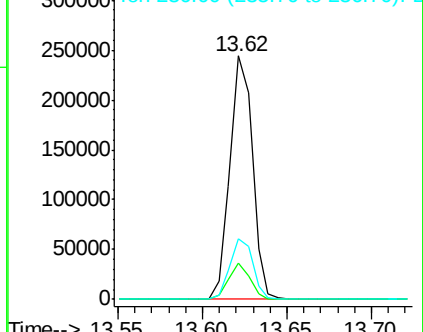
236 25.0 20.5 30.7



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: 22.669 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

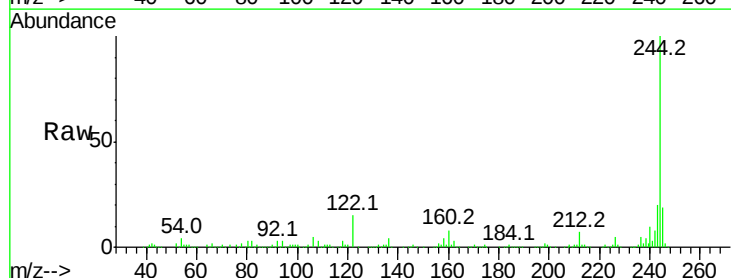
Tgt Ion:244 Resp: 252578

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

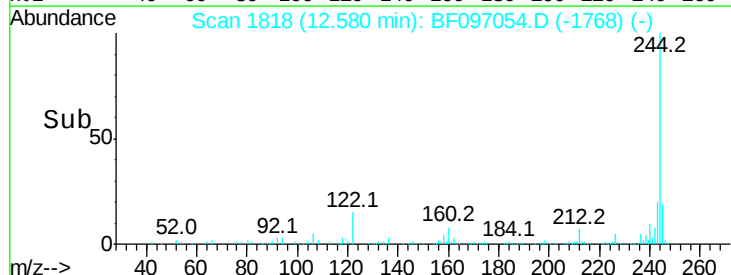
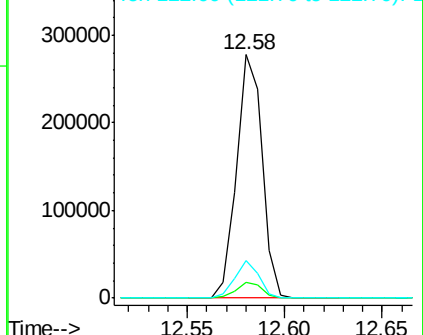
122 15.3 10.3 15.5

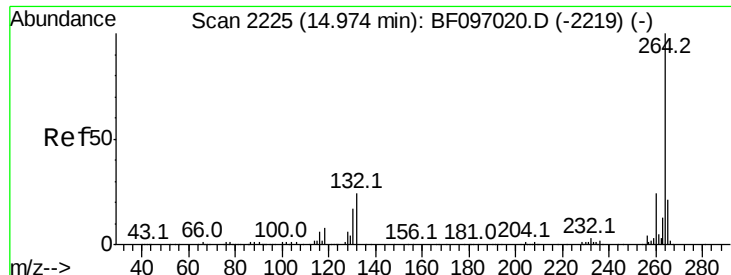


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

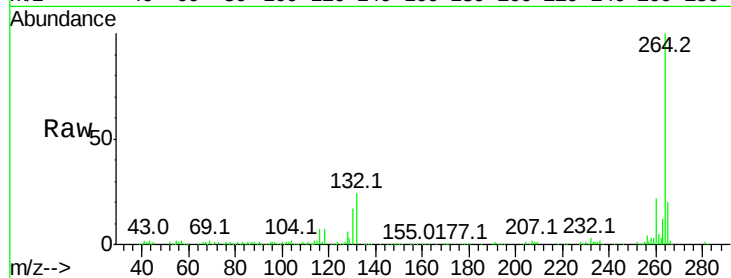




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

Instrument :
 BNA_F
 ClientSampleId :
 B-COMB-3RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	20.1	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

