

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097072.D
 Acq On : 26 Jul 2017 13:45
 Operator : SJ/JU
 Sample : I4443-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 15:50:28 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

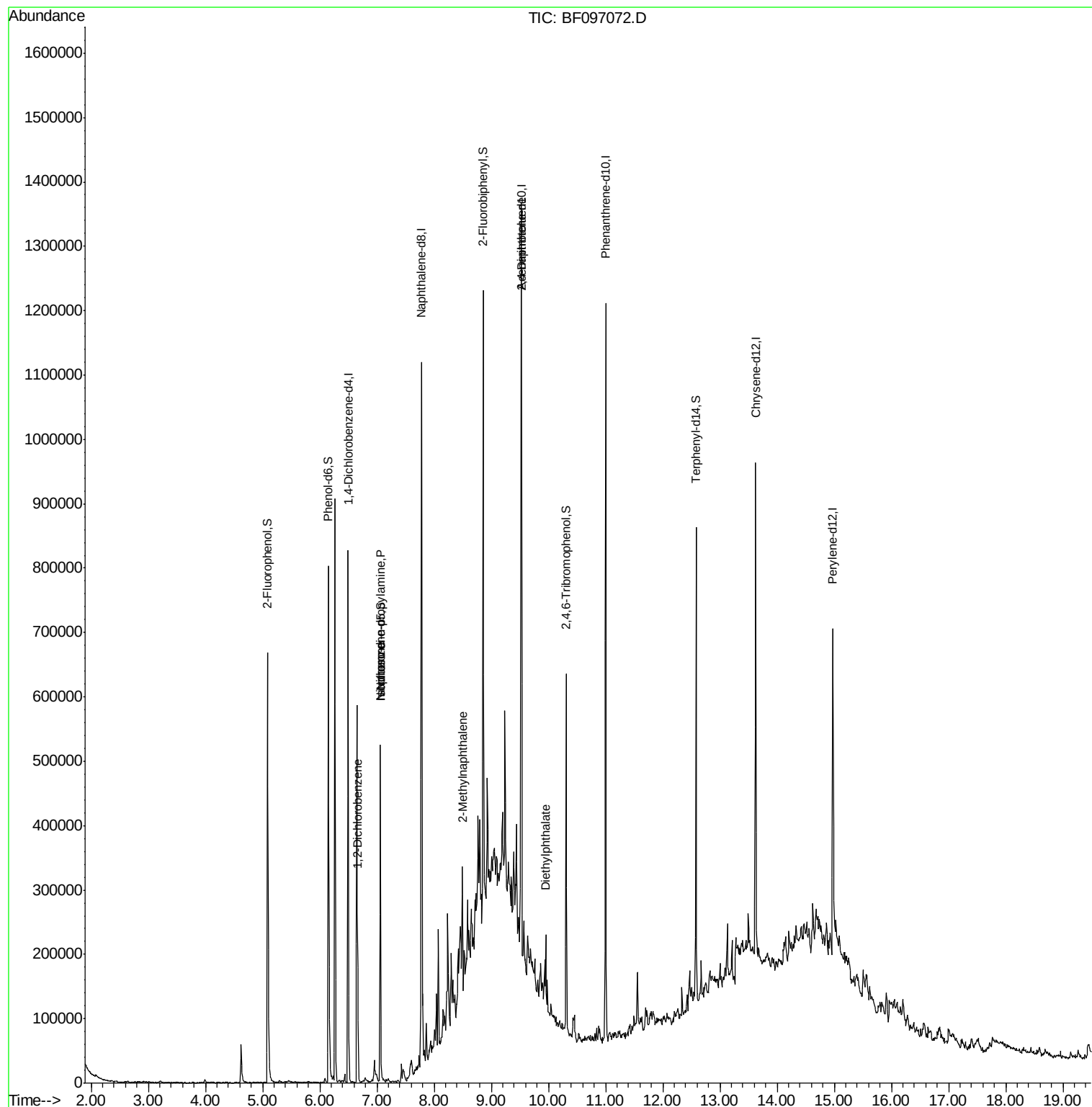
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115089	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	525215	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	234982	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	386285	20.00	ng	0.00
75) Chrysene-d12	13.62	240	264155	20.00	ng	0.00
86) Perylene-d12	14.97	264	200837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	204677	26.81	ng	-0.01
7) Phenol-d6	6.15	99	252471	28.97	ng	-0.02
23) Nitrobenzene-d5	7.06	82	146452	16.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	57928	31.20	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	279870	20.21	ng	-0.01
78) Terphenyl-d14	12.58	244	202582	15.64	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	6.66	146	34219	4.495	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	19068	3.324	ng	# 84
25) Isophorone	7.06	82	143296	8.173	ng	# 67
37) 2-Methylnaphthalene	8.49	142	44761	2.855	ng	95
56) 2,4-Dinitrotoluene	9.53	165	31690	7.284	ng	# 35
59) Diethylphthalate	9.96	149	41755	2.551	ng	97

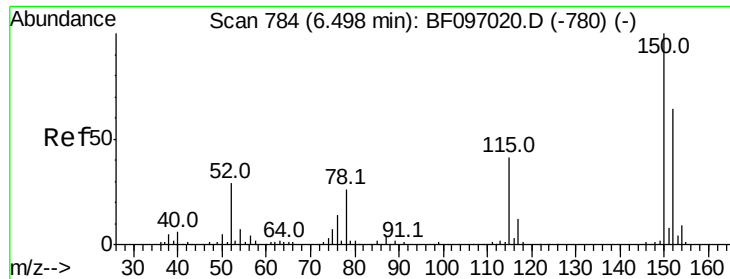
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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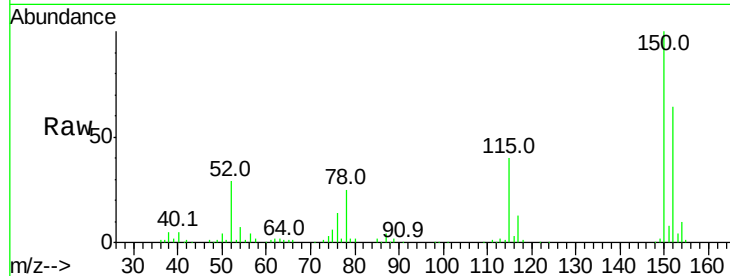


#1

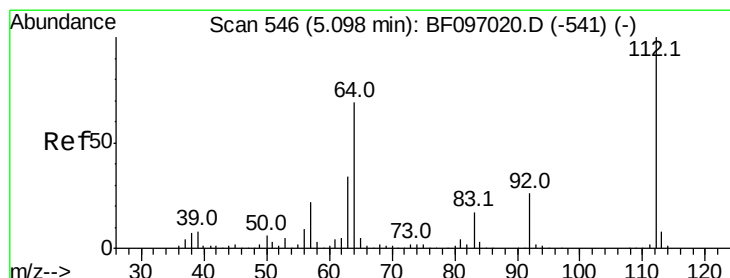
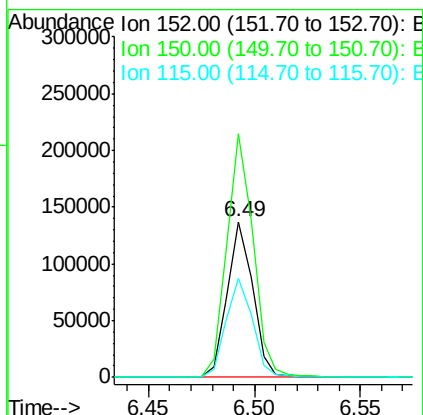
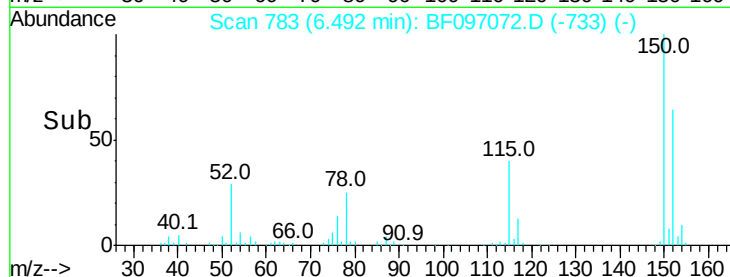
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115089
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 63.2 52.2 78.2



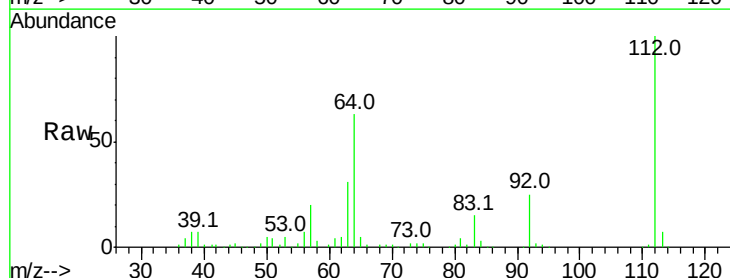
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



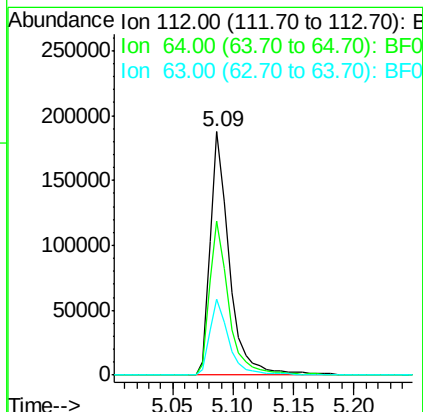
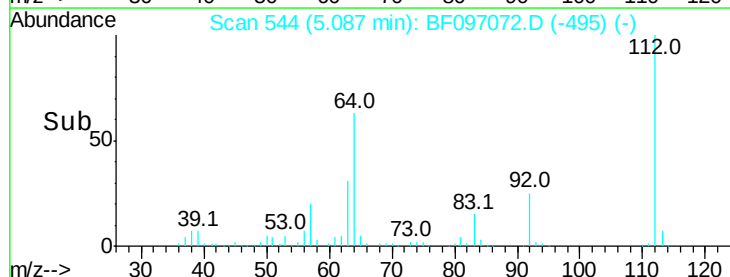
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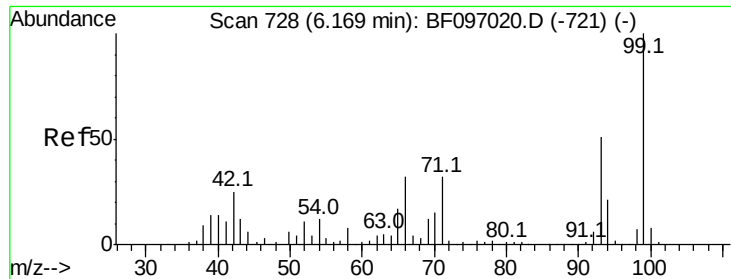
2-Fluorophenol
Concen: 26.810 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Tgt Ion:112 Resp: 204677
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 31.1 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: 28.967 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

Instrument :

BNA_F

ClientSampleId :

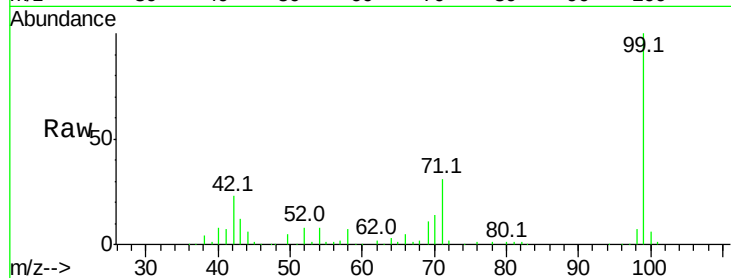
Tot Ion: 99 Resp: 252471

Ion Ratio Lower Upper

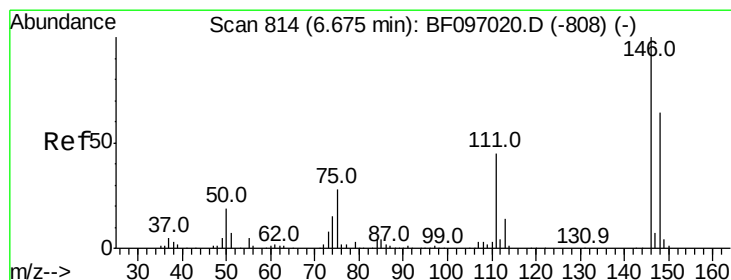
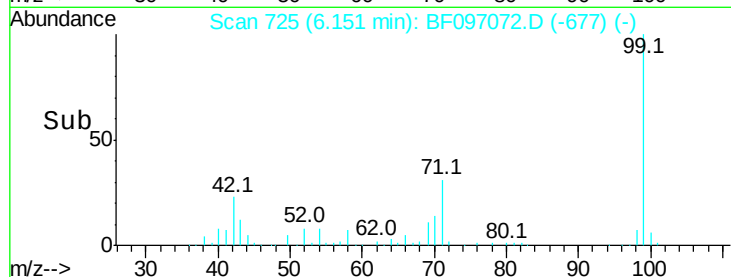
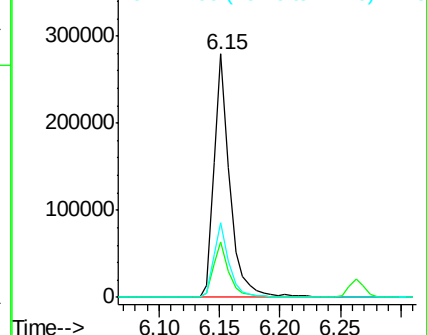
99 100

42 22.7 13.5 20.3#

71 30.5 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



#14

1,2-Dichlorobenzene

Concen: 4.495 ng

RT: 6.66 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

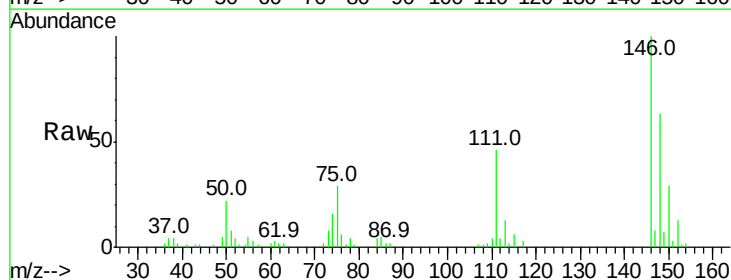
Tgt Ion: 146 Resp: 34219

Ion Ratio Lower Upper

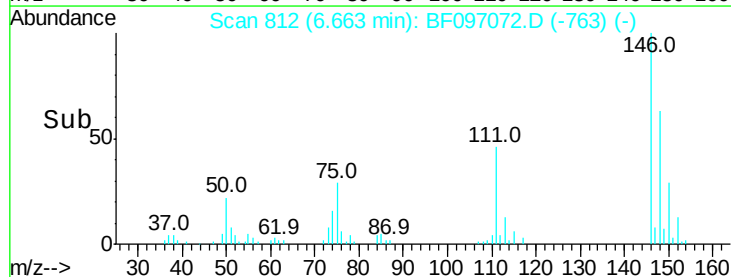
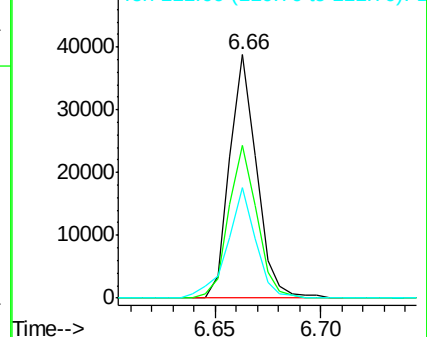
146 100

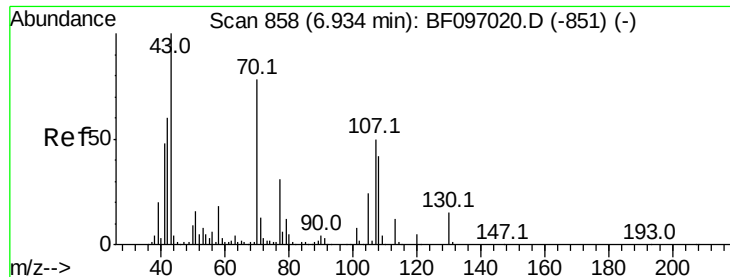
148 62.6 50.4 75.6

111 45.6 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

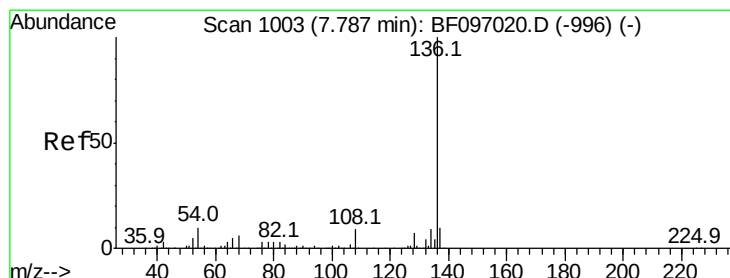
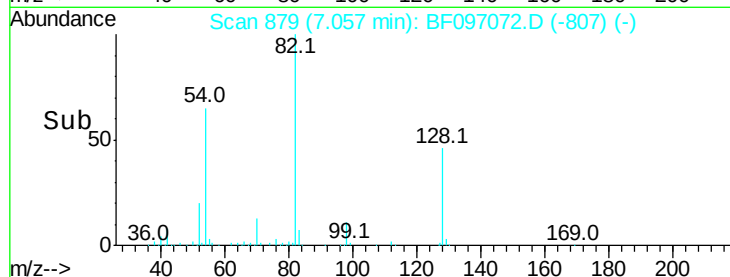
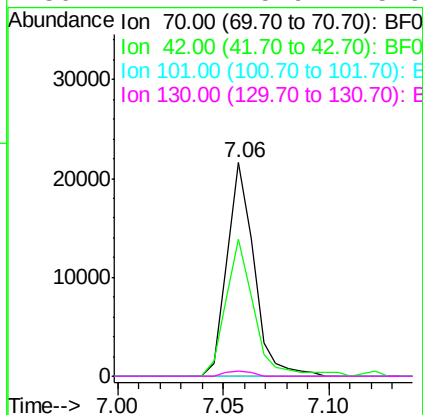
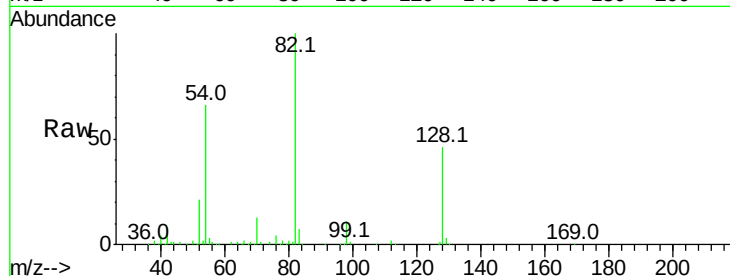




#19
n-Nitroso-di-n-propylamine
Concen: 3.324 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

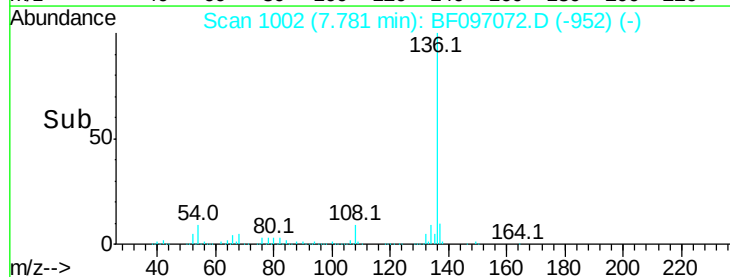
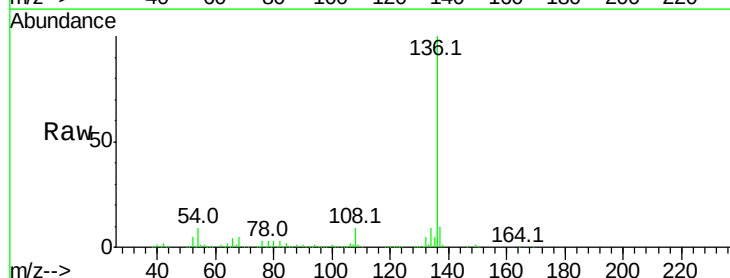
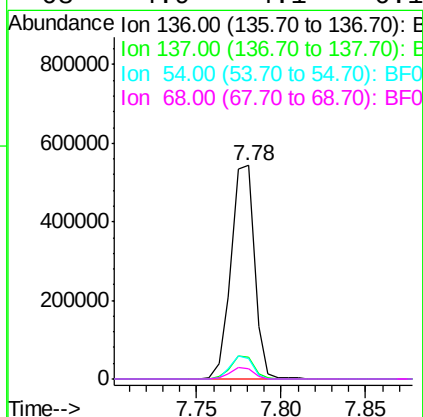
Instrument :
BNA_F
ClientSampleId :

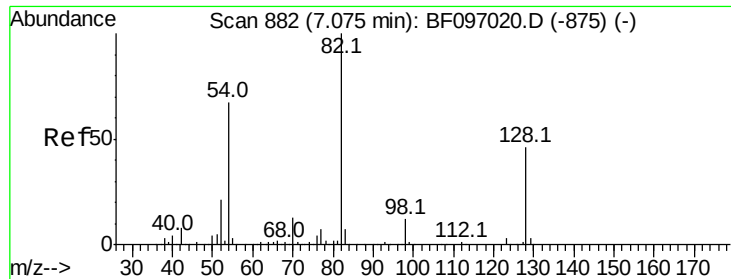
Tot Ion: 70 Resp: 19068
Ion Ratio Lower Upper
70 100
42 64.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Tgt Ion: 136 Resp: 525215
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.4 4.9 7.3#
68 4.9 4.1 6.1

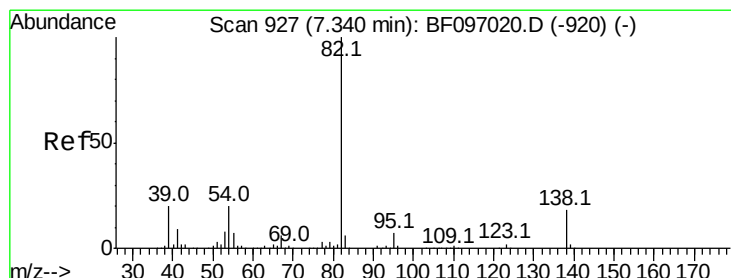
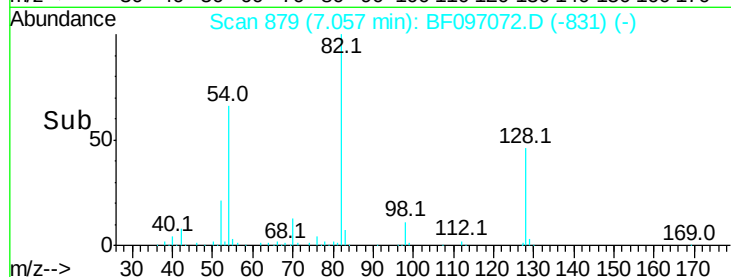
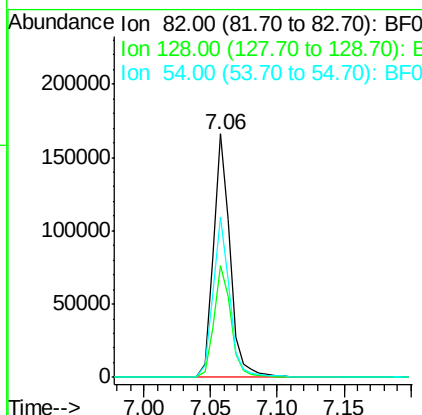
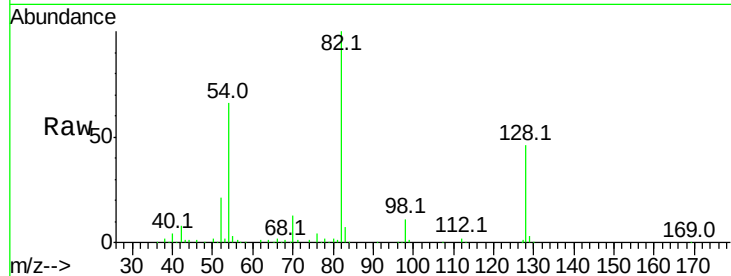




#23
Nitrobenzene-d5
Concen: 16.358 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

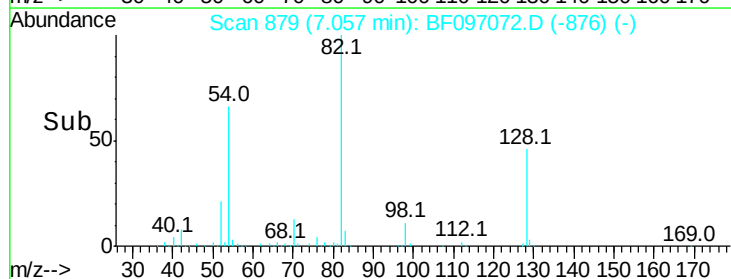
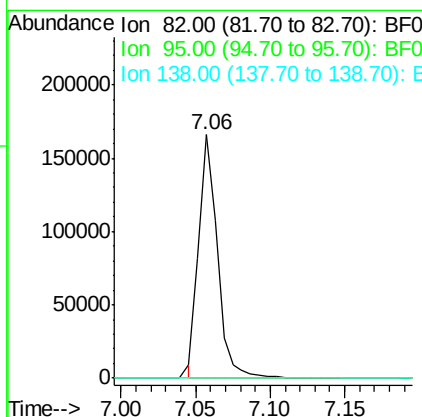
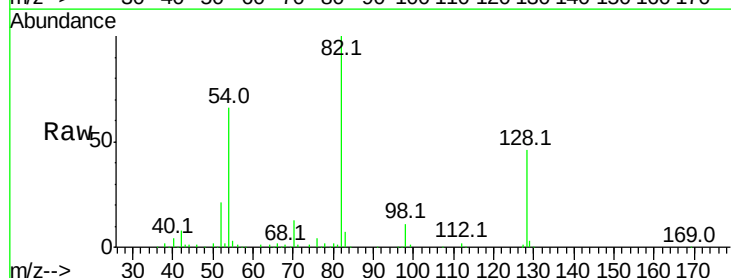
Instrument :
BNA_F
ClientSampled :

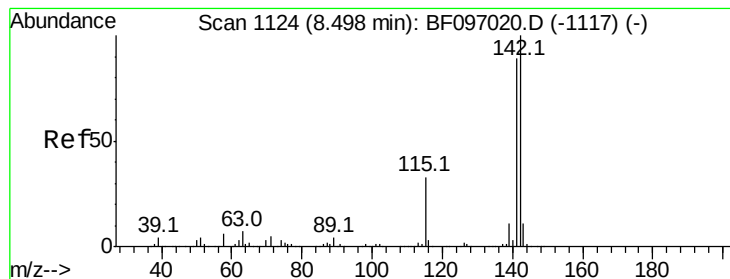
Tot Ion: 82 Resp: 146452
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 65.6 42.2 63.2#



#25
Isophorone
Concen: 8.173 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Tgt Ion: 82 Resp: 143296
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

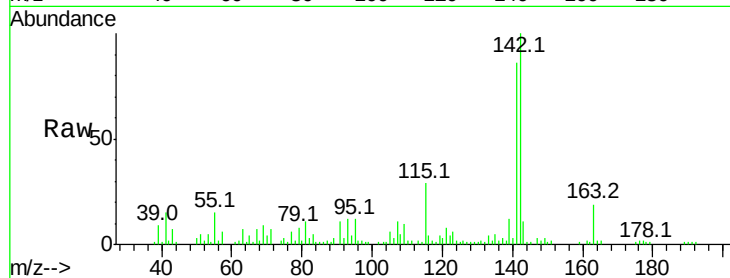




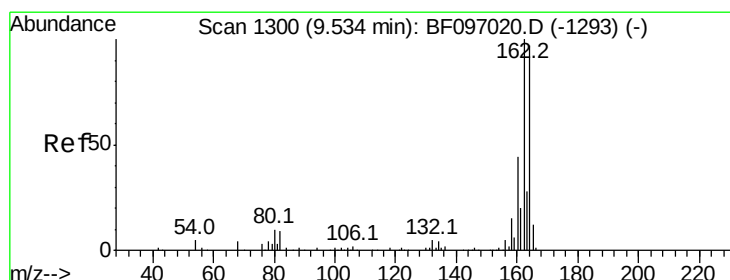
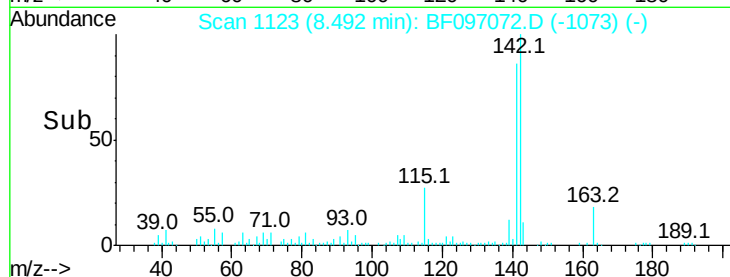
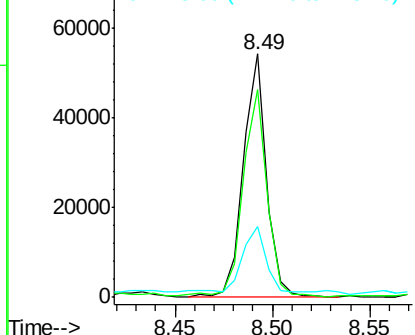
#37
 2-Methylnaphthalene
 Concen: 2.855 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF097072.D
 Acq: 26 Jul 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 44761
 Ion Ratio Lower Upper
 142 100
 141 85.6 71.3 106.9
 115 29.2 27.1 40.7

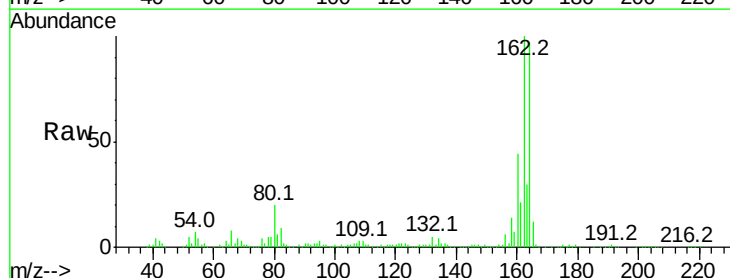


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

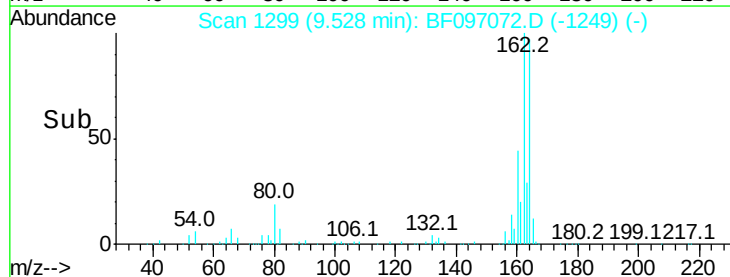
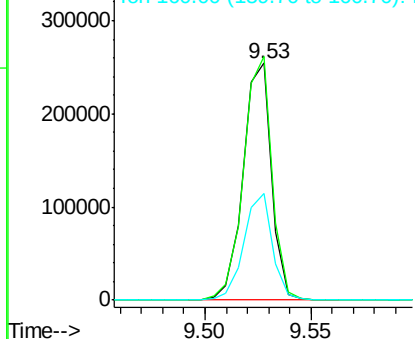


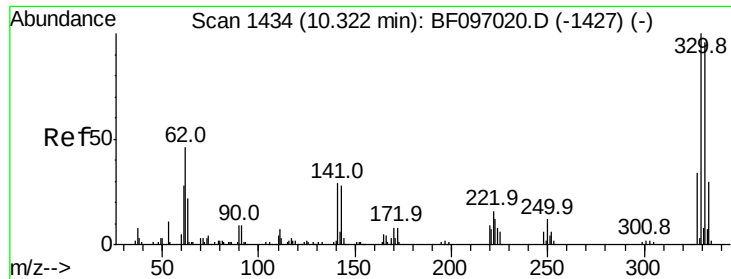
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097072.D
 Acq: 26 Jul 2017 13:45

Tgt Ion:164 Resp: 234982
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.1 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

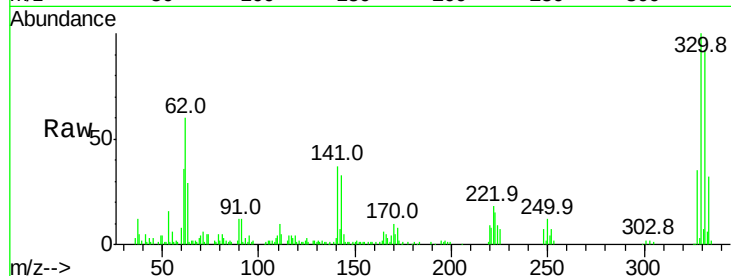




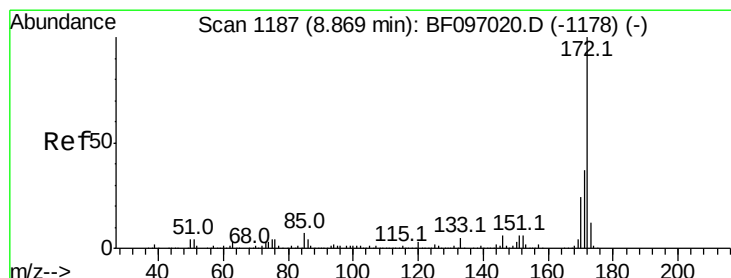
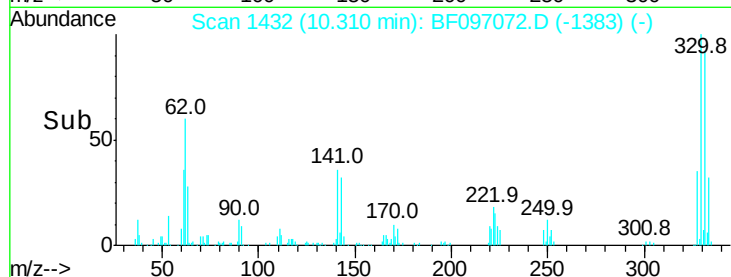
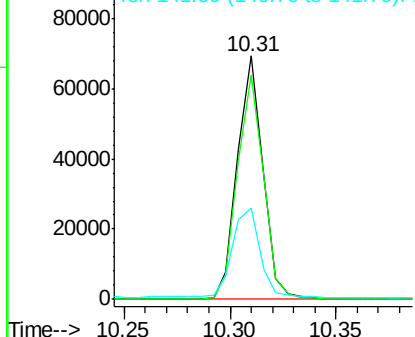
#41
 2,4,6-Tribromophenol
 Concen: 31.201 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097072.D
 Acq: 26 Jul 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 57928
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 115.0
 141 39.6 31.4 47.2

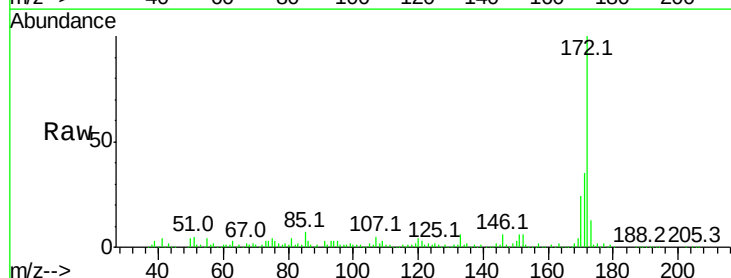


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

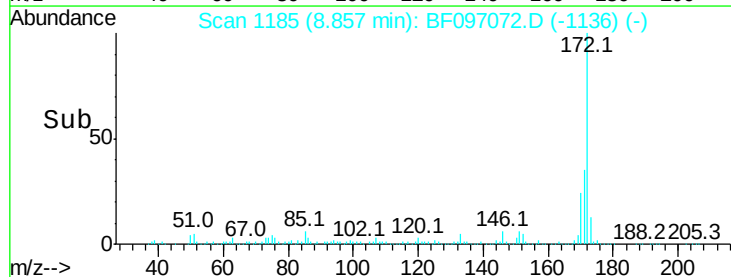
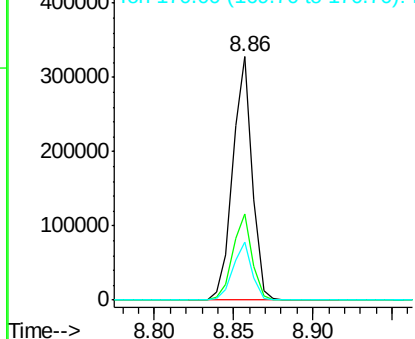


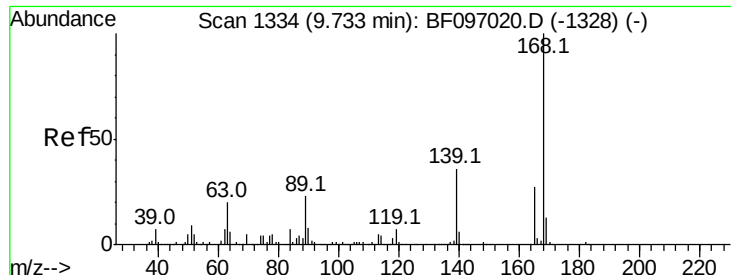
#44
 2-Fluorobiphenyl
 Concen: 20.213 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097072.D
 Acq: 26 Jul 2017 13:45

Tgt Ion:172 Resp: 279870
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.6 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

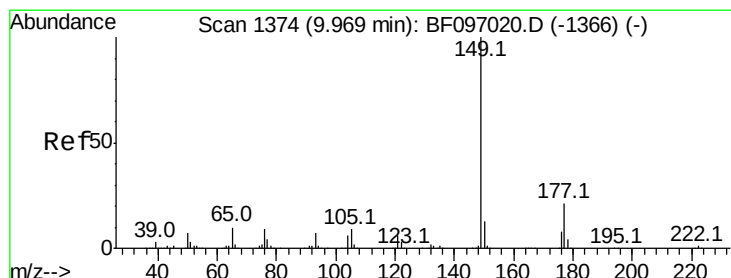
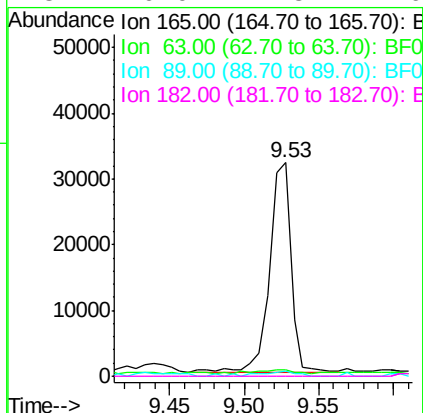
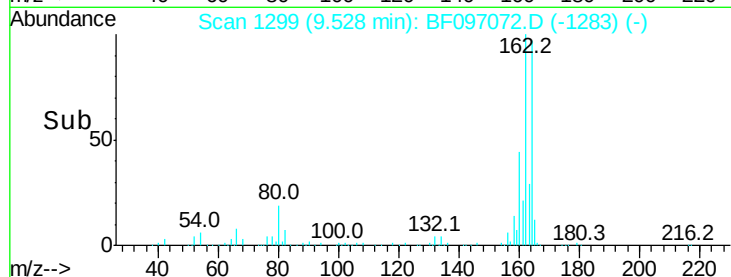
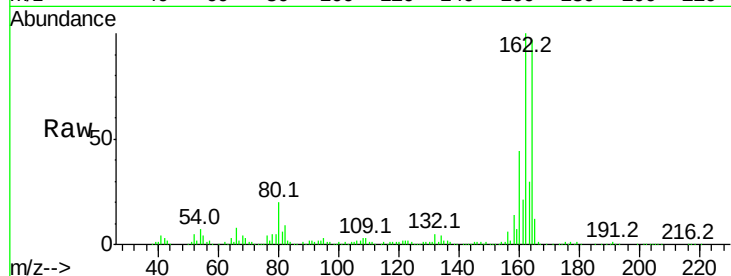




#56
2,4-Dinitrotoluene
Concen: 7.284 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

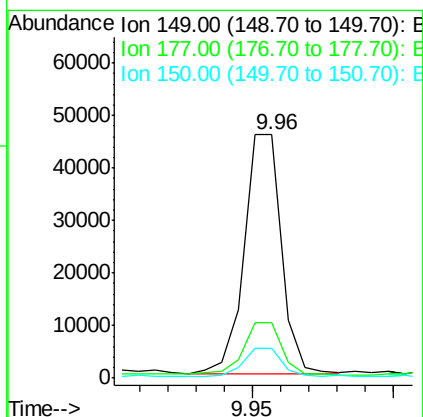
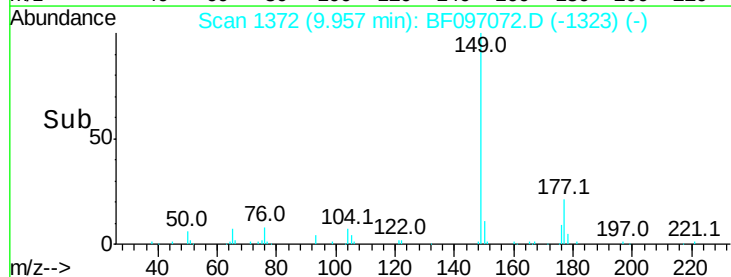
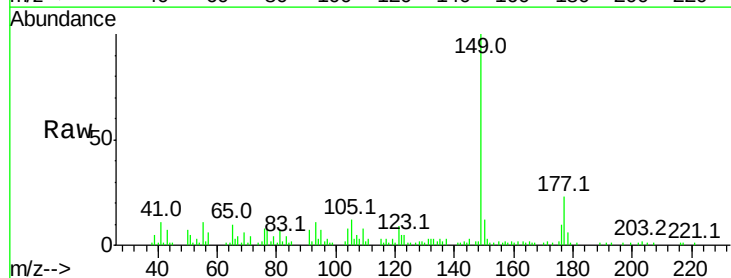
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BNA_F
ClientSampleId :

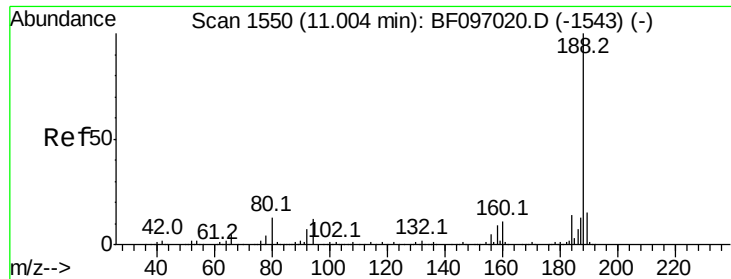
Tot Ion:165 Resp: 31690
Ion Ratio Lower Upper
165 100
63 2.9 25.4 38.0#
89 2.4 46.4 69.6#
182 0.0 1.8 2.6#



#59
Diethylphthalate
Concen: 2.551 ng
RT: 9.96 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Tgt Ion:149 Resp: 41755
Ion Ratio Lower Upper
149 100
177 22.9 16.7 25.1
150 12.1 10.2 15.2

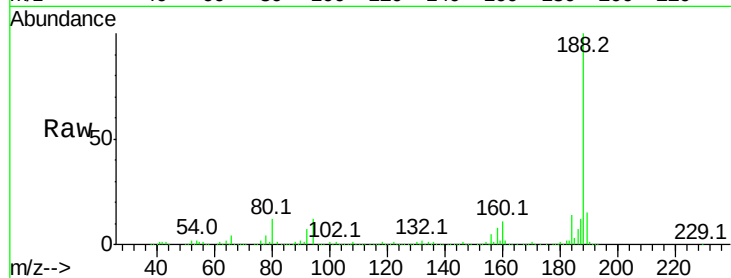




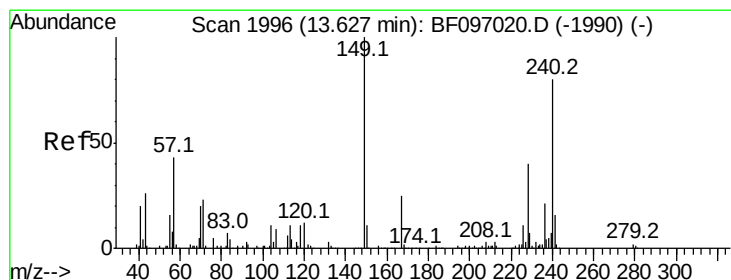
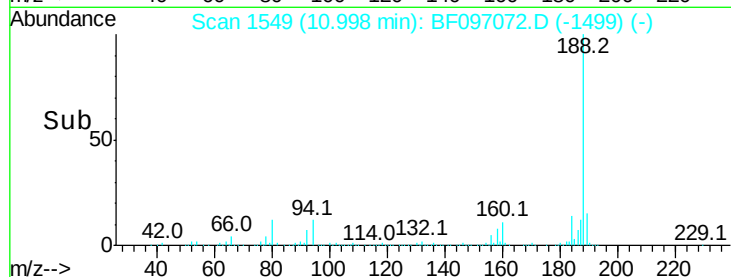
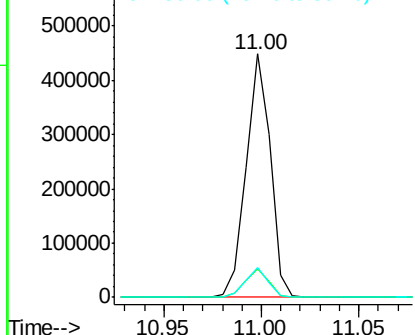
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 386285
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.4 10.2 15.2

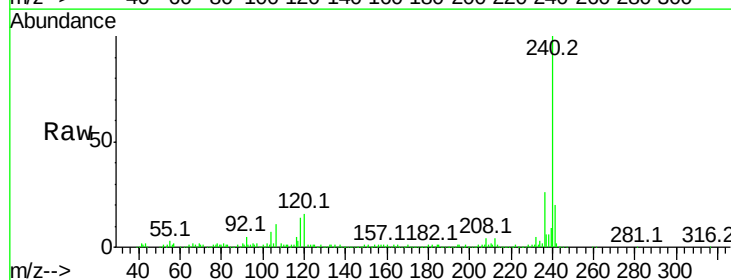


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

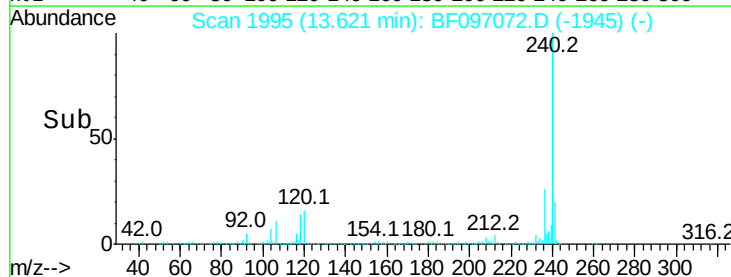
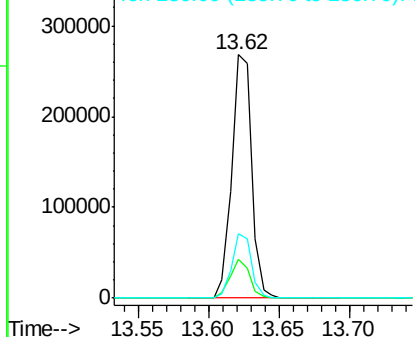


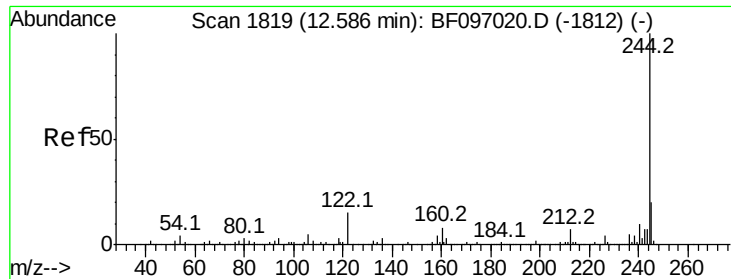
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097072.D
Acq: 26 Jul 2017 13:45

Tgt Ion:240 Resp: 264155
Ion Ratio Lower Upper
240 100
120 16.1 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: 15.636 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

Instrument :

BNA_F

ClientSampleId :

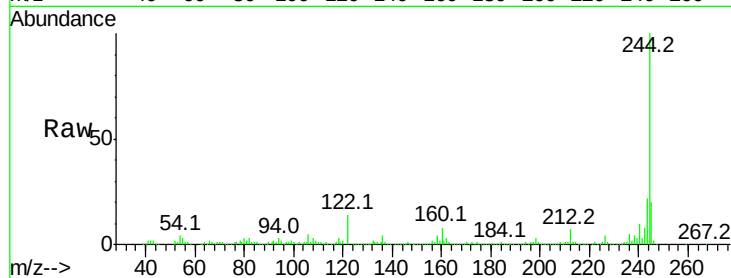
Tot Ion:244 Resp: 202582

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

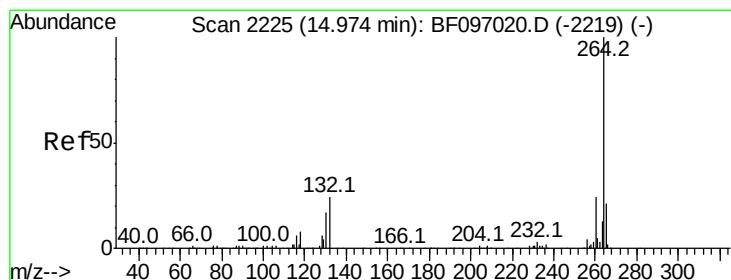
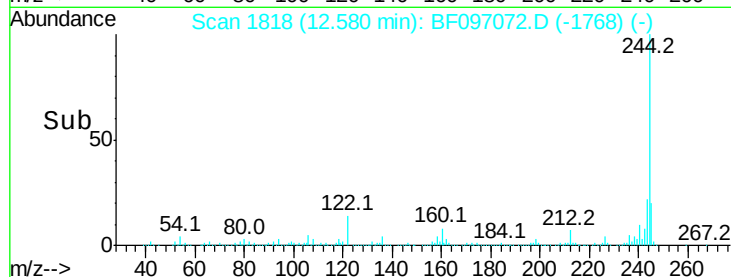
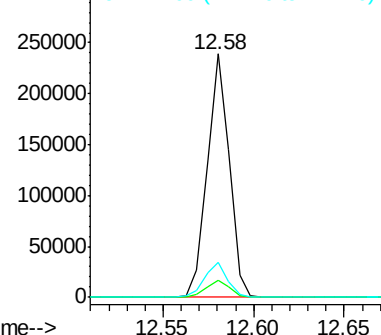
122 14.2 10.3 15.5



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: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097072.D

Acq: 26 Jul 2017 13:45

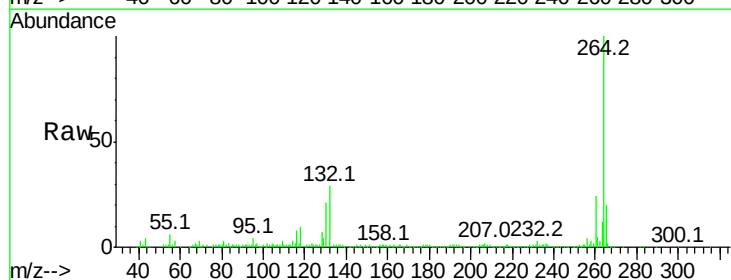
Tgt Ion:264 Resp: 200837

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 19.7 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

