

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097055.D
 Acq On : 26 Jul 2017 4:16
 Operator : SJ/JU
 Sample : I4305-02RE 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 04:40:10 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

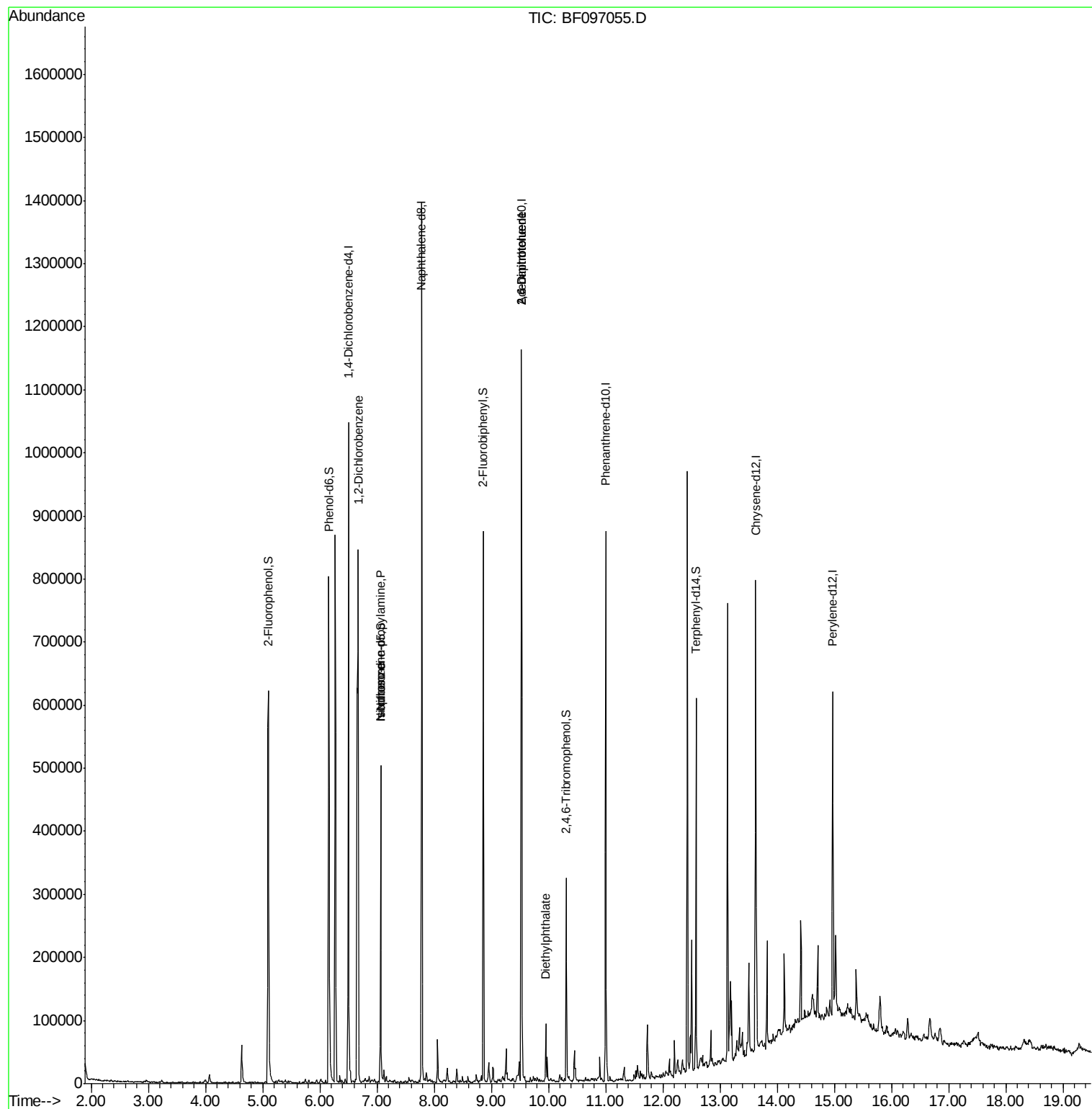
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	145930	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	559621	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	214195	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	297131	20.00	ng	0.00
75) Chrysene-d12	13.63	240	252866	20.00	ng	0.00
86) Perylene-d12	14.97	264	188134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	199369	20.60	ng	0.00
7) Phenol-d6	6.16	99	248463	22.48	ng	-0.01
23) Nitrobenzene-d5	7.06	82	133783	14.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	31335	18.52	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	243430	19.29	ng	-0.01
78) Terphenyl-d14	12.58	244	150345	12.12	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	6.67	146	174722	18.10	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.06	70	17508	2.41	ng	# 84
25) Isophorone	7.06	82	131289	7.03	ng	# 67
50) 2,6-Dinitrotoluene	9.53	165	27029	7.83	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	27029	6.82	ng	# 33
59) Diethylphthalate	9.96	149	29860	2.00	ng	100

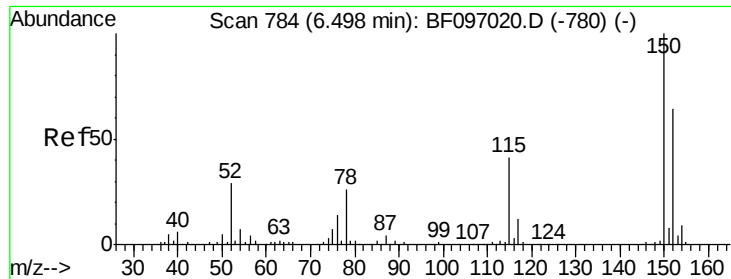
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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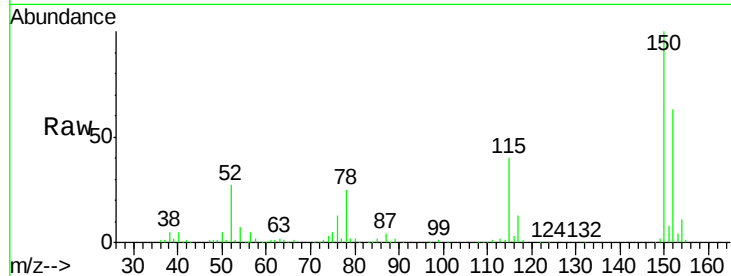


#1

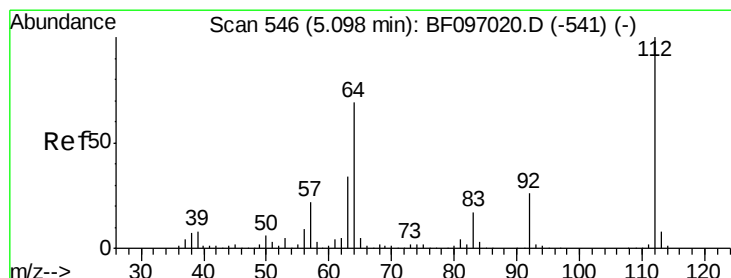
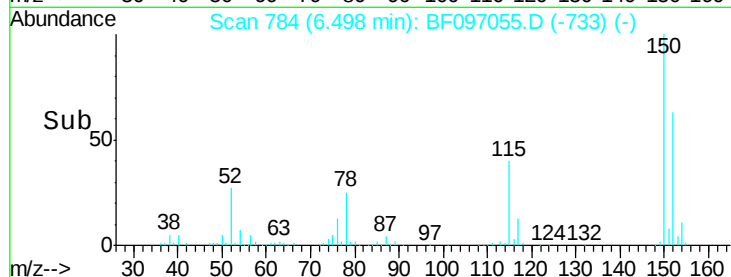
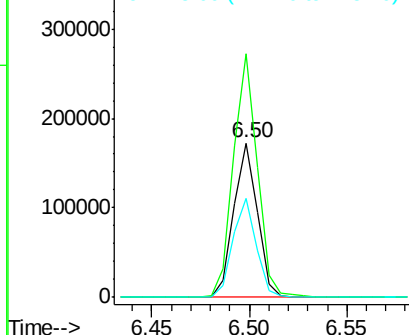
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145930
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 63.8 52.2 78.2



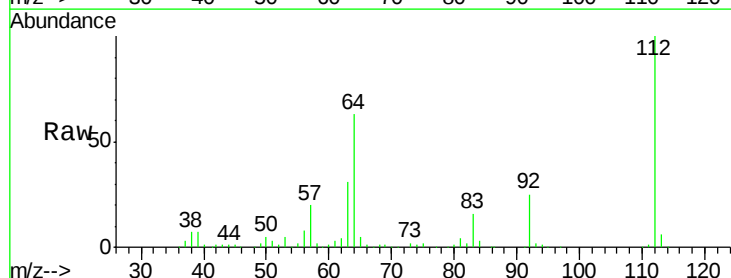
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



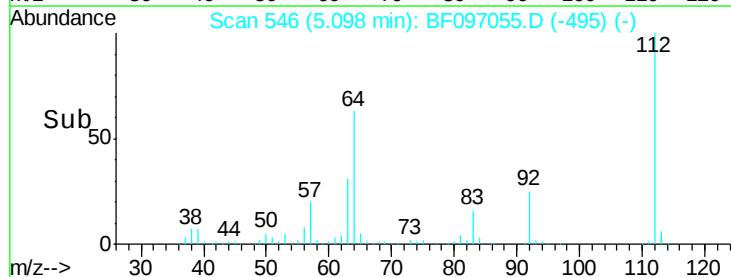
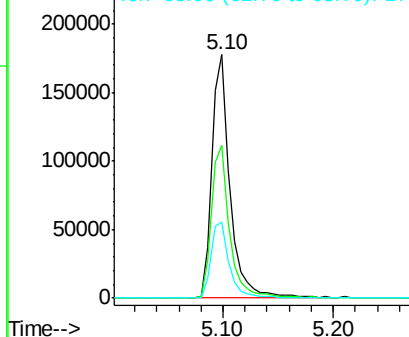
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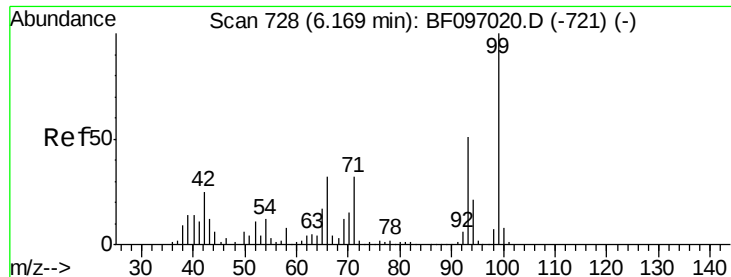
2-Fluorophenol
Concen: 20.60 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Tgt Ion:112 Resp: 199369
Ion Ratio Lower Upper
112 100
64 62.7 46.0 69.0
63 31.2 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: 22.48 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097055.D

Acq: 26 Jul 2017 4:16

Instrument :

BNA_F

ClientSampled :

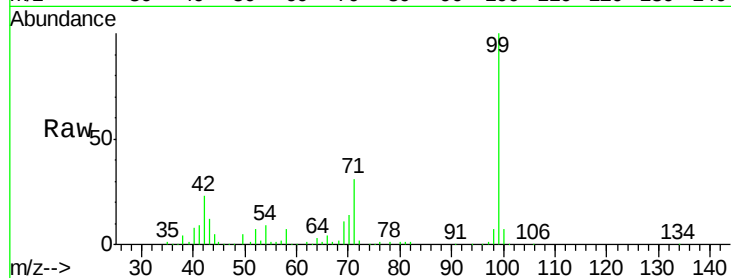
Tot Ion: 99 Resp: 248463

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

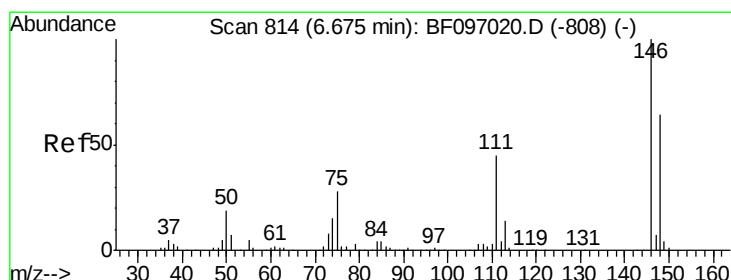
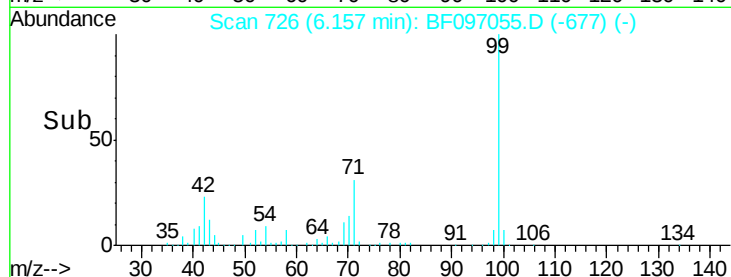
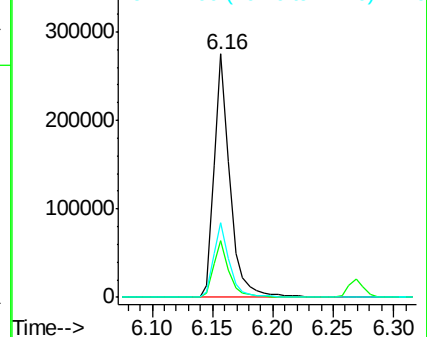
71 30.6 24.5 36.7



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: 18.10 ng

RT: 6.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097055.D

Acq: 26 Jul 2017 4:16

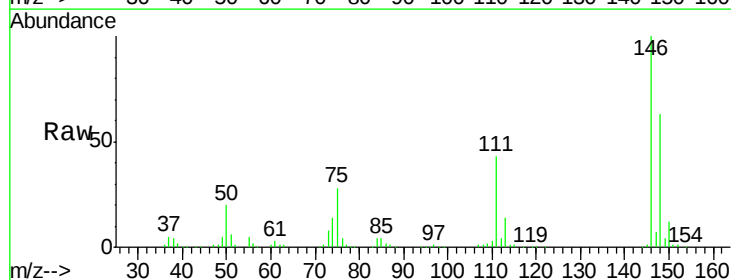
Tgt Ion: 146 Resp: 174722

Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

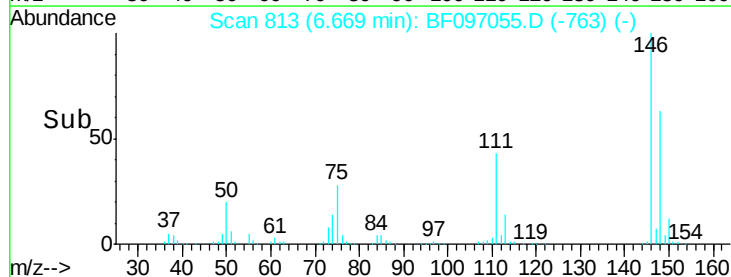
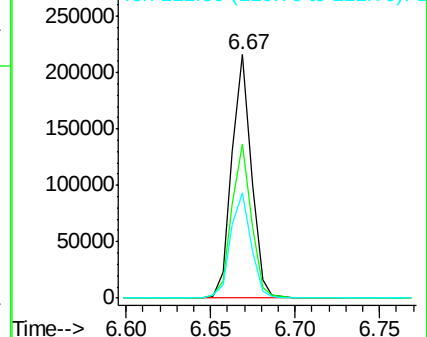
111 43.2 38.2 57.4

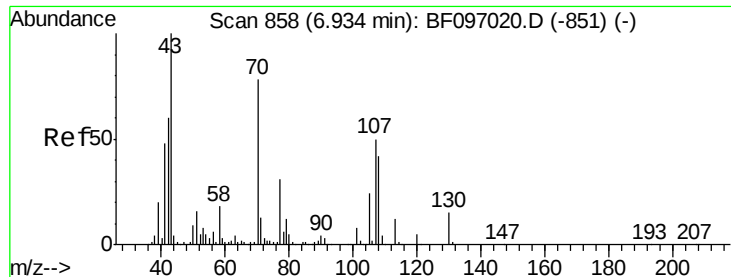


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

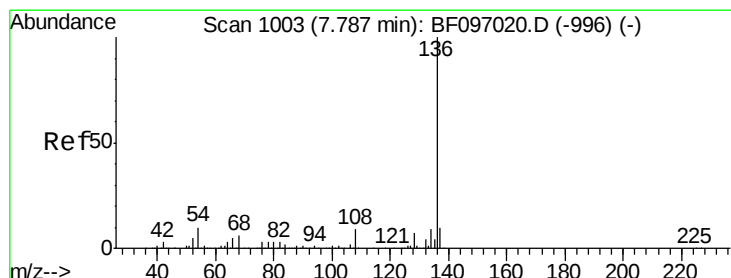
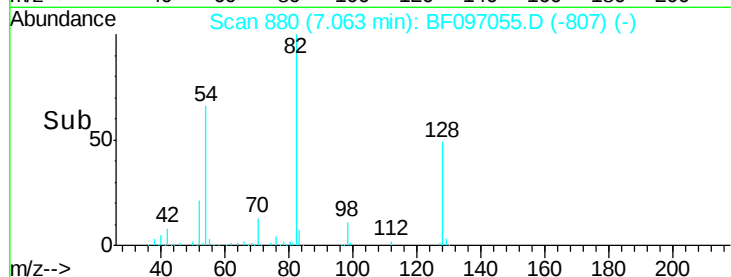
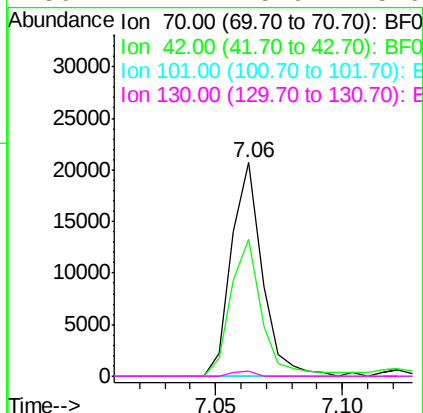
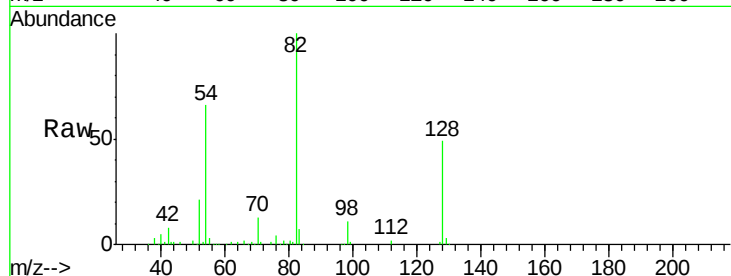




#19
n-Nitroso-di-n-propylamine
Concen: 2.41 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

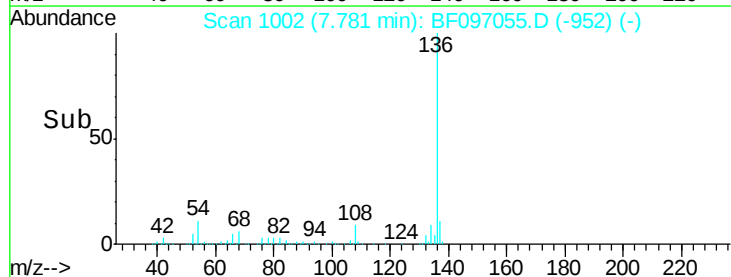
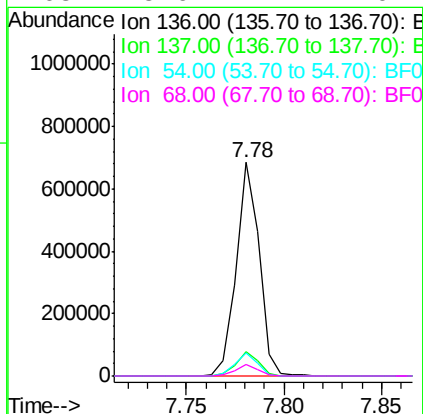
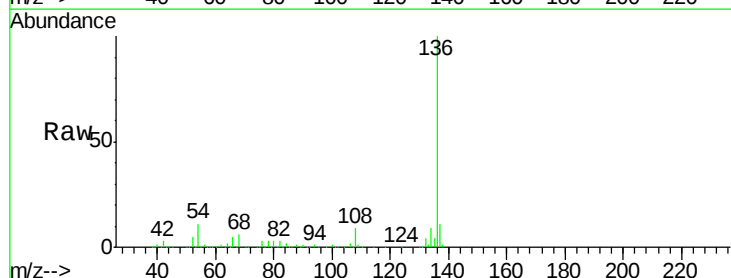
Instrument :
BNA_F
ClientSampleId :

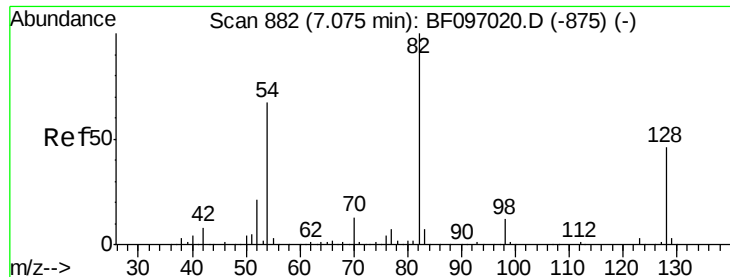
Tot Ion: 70 Resp: 17508
Ion Ratio Lower Upper
70 100
42 64.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Tgt Ion:136 Resp: 559621
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.6 4.9 7.3#
68 5.6 4.1 6.1

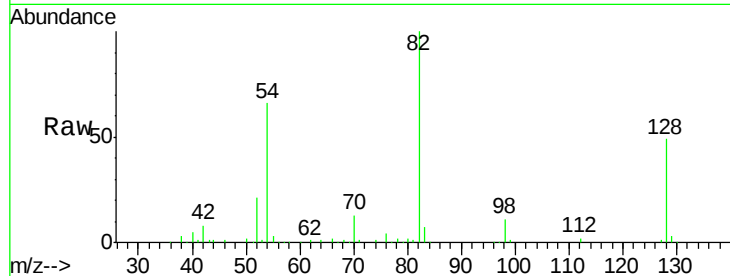




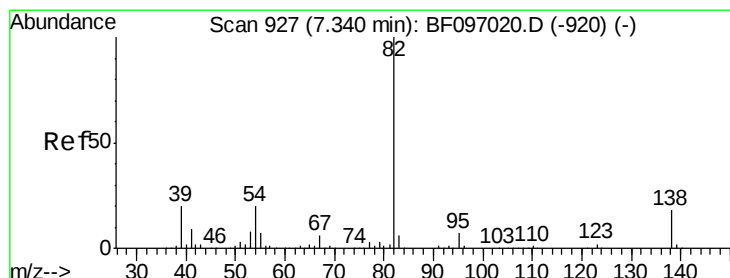
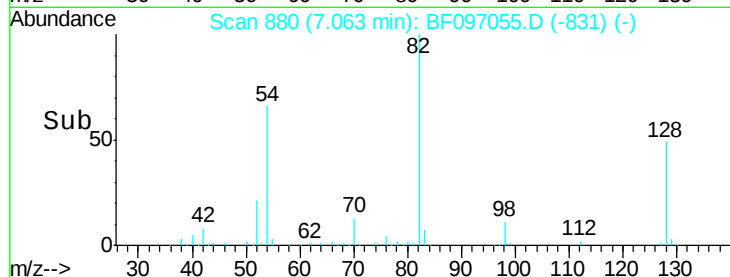
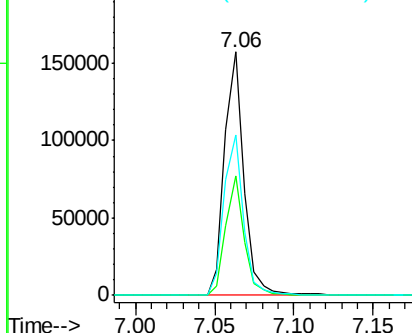
#23
Nitrobenzene-d5
Concen: 14.02 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	133783
Ion Ratio	Lower	Upper	
82	100		
128	49.2	34.0	51.0
54	65.8	42.2	63.2#

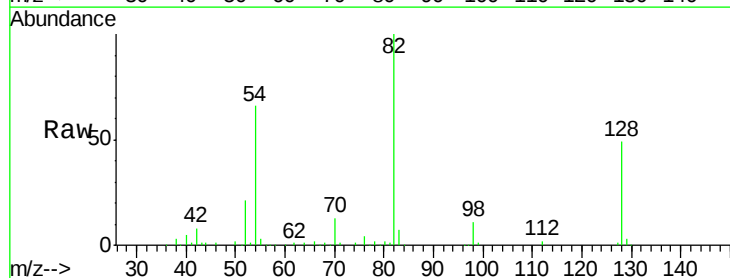


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

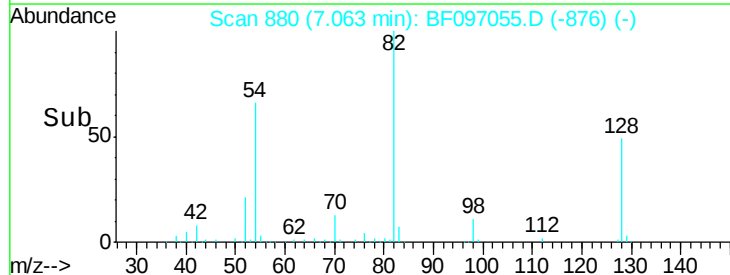
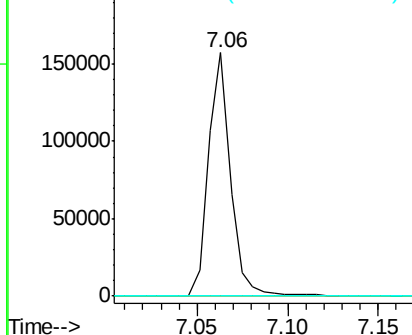


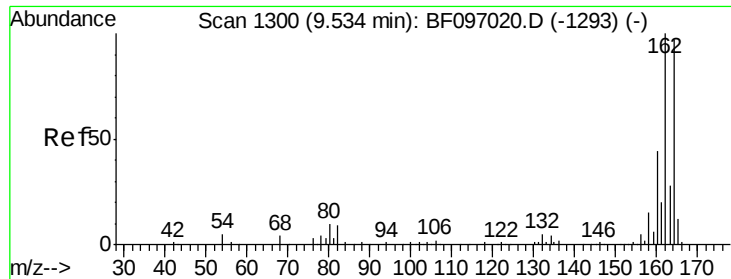
#25
Isophorone
Concen: 7.03 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Tgt Ion	82	Resp	131289
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

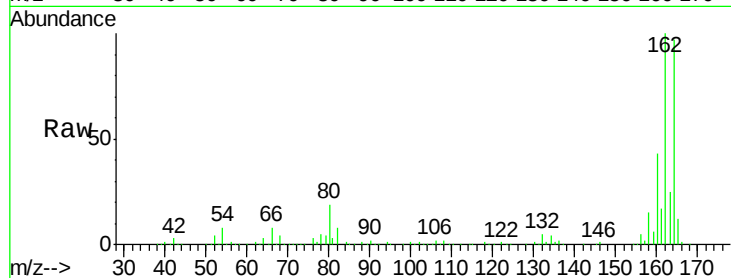




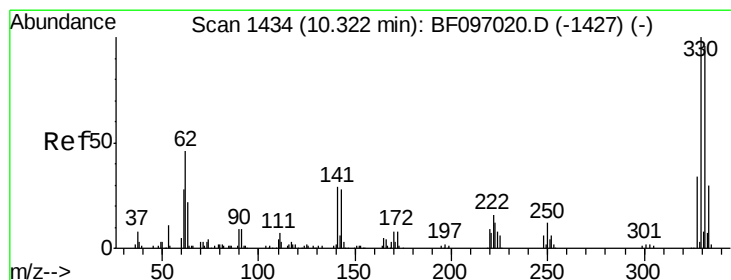
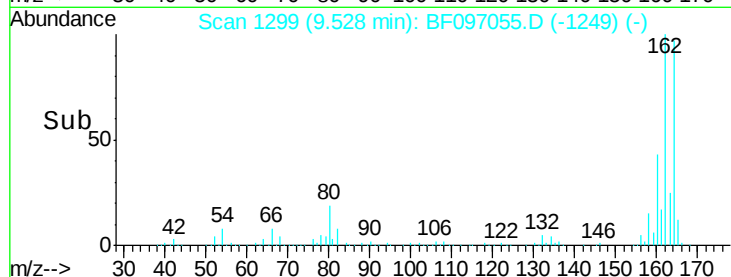
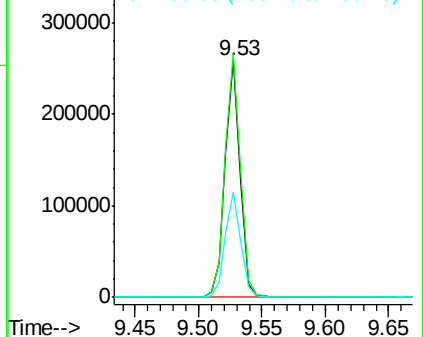
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 214195
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 44.3 36.2 54.2

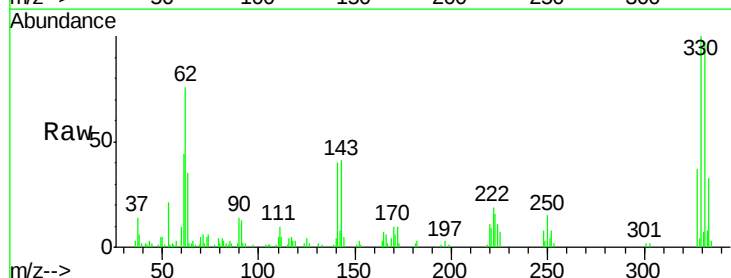


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

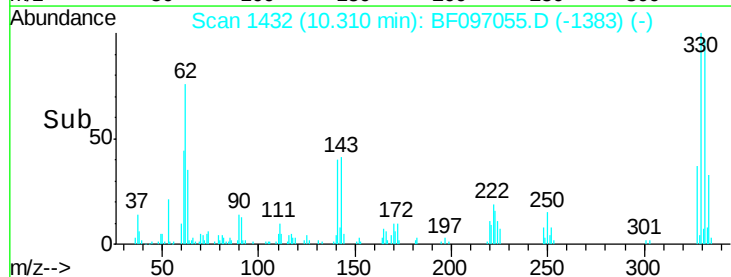
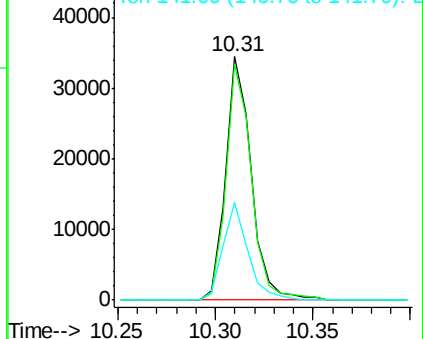


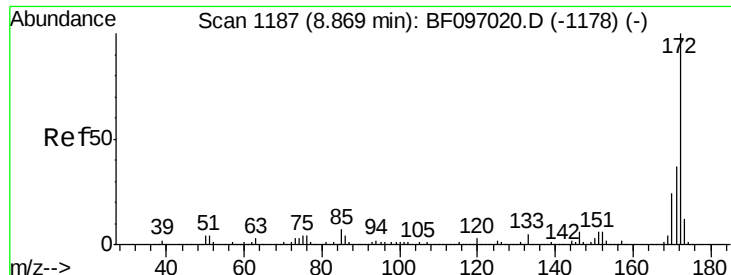
#41
2,4,6-Tribromophenol
Concen: 18.52 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Tgt Ion:330 Resp: 31335
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 39.2 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

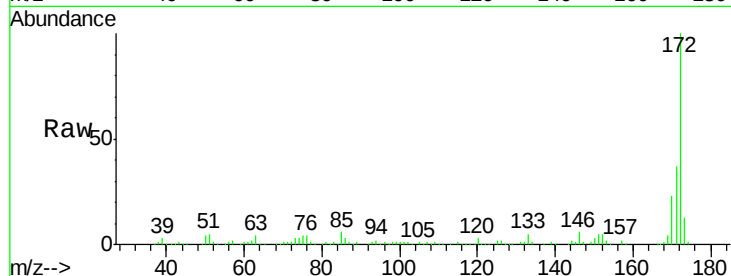




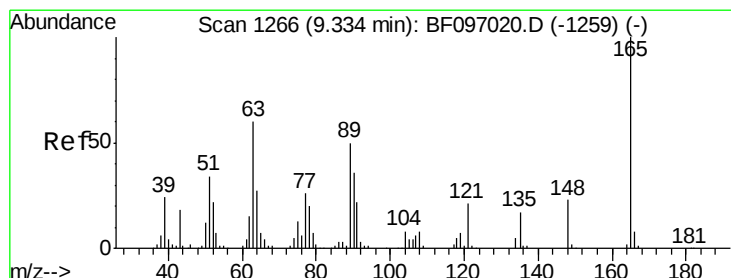
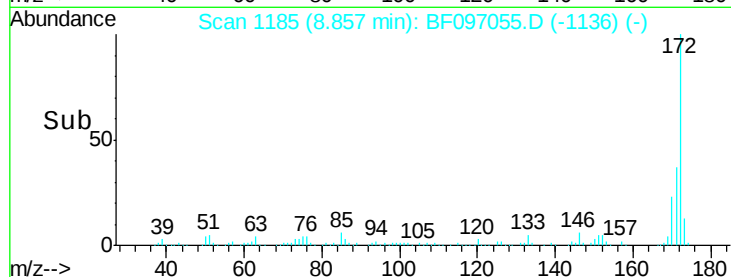
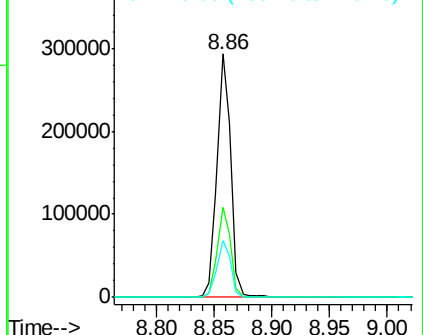
#44
 2-Fluorobiphenyl
 Concen: 19.29 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097055.D
 Acq: 26 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.1	19.8	29.8

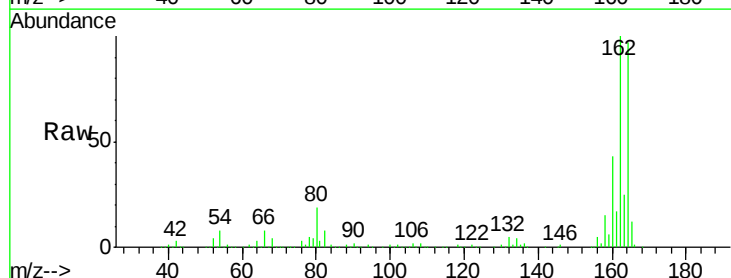


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

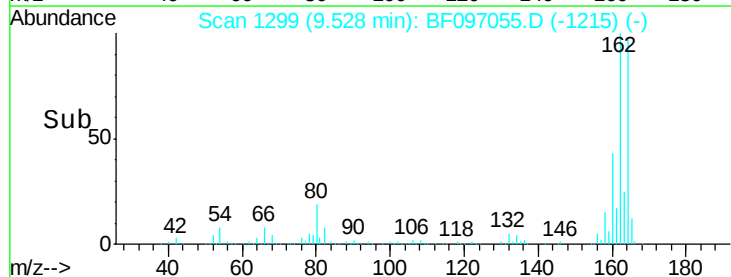
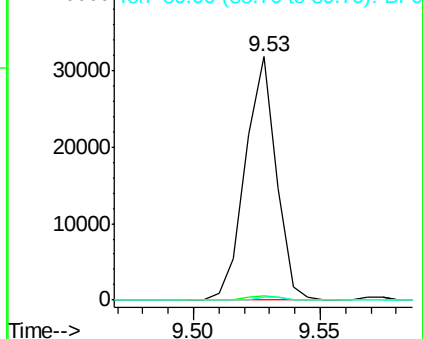


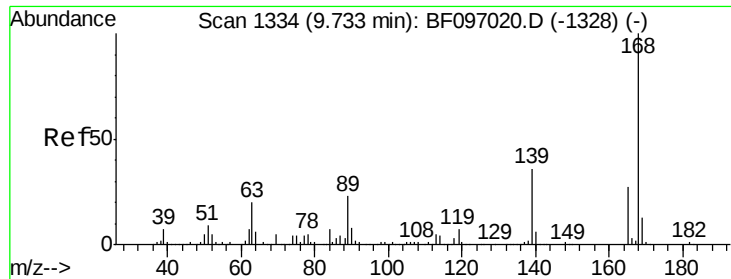
#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF097055.D
 Acq: 26 Jul 2017 4:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.4	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

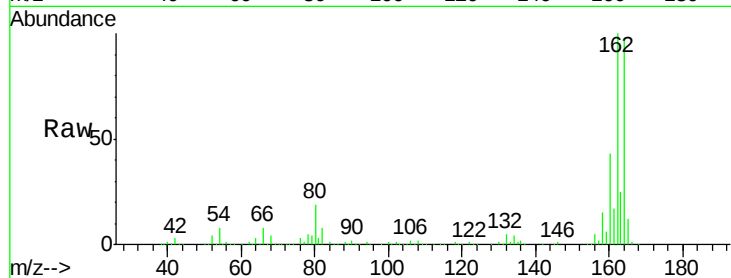




#56
 2,4-Dinitrotoluene
 Concen: 6.82 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097055.D
 Acq: 26 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

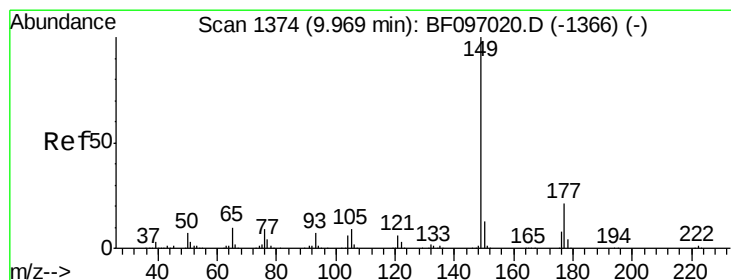
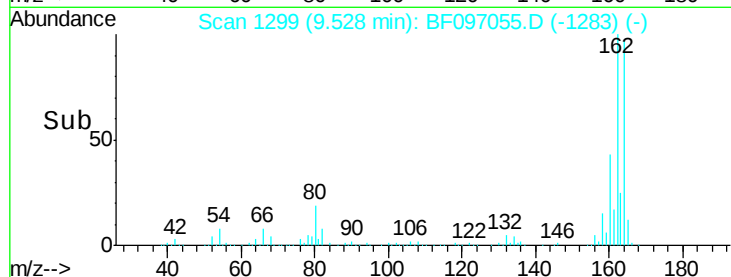
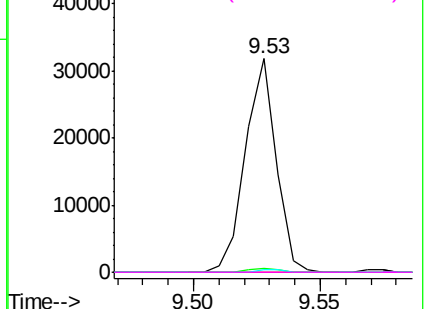


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

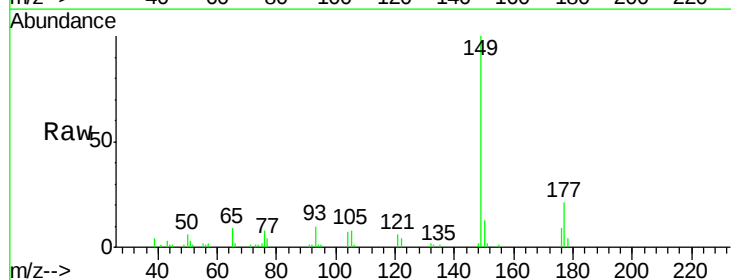
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#59
 Diethylphthalate
 Concen: 2.00 ng
 RT: 9.96 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF097055.D
 Acq: 26 Jul 2017 4:16

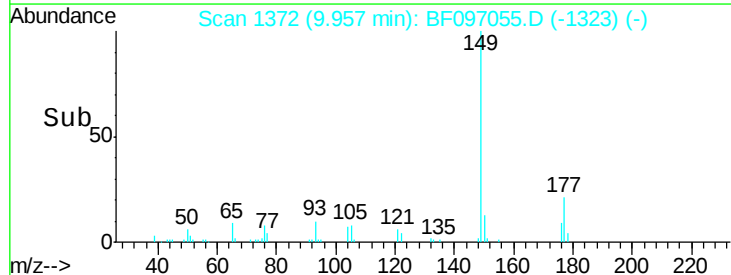
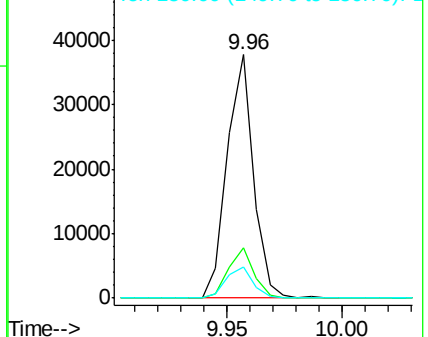
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.8	10.2	15.2

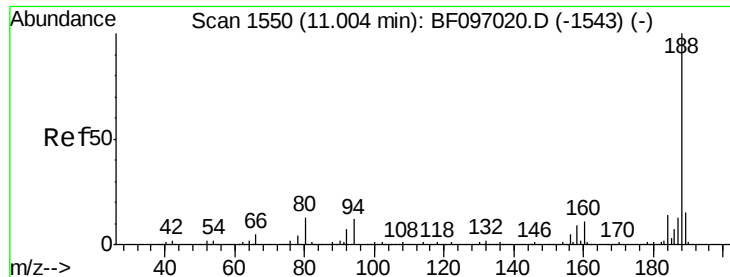


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

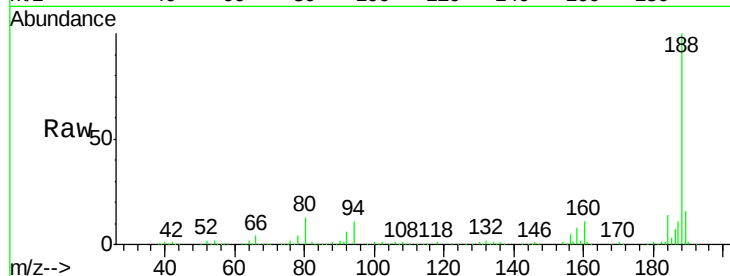




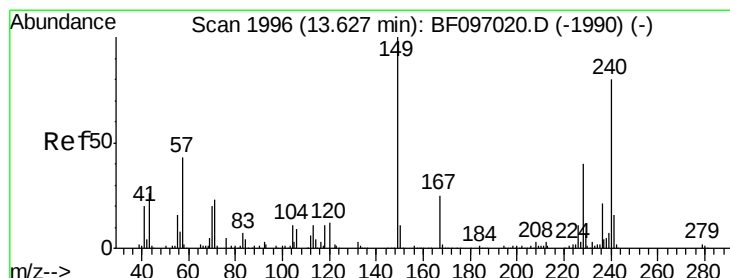
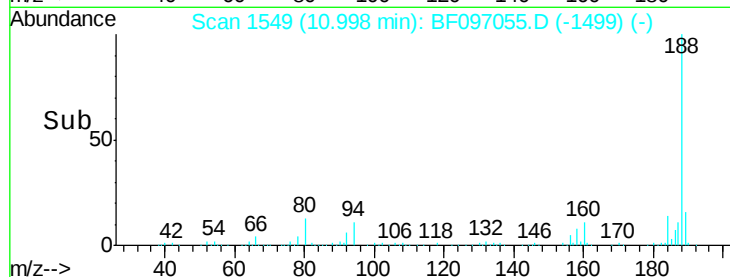
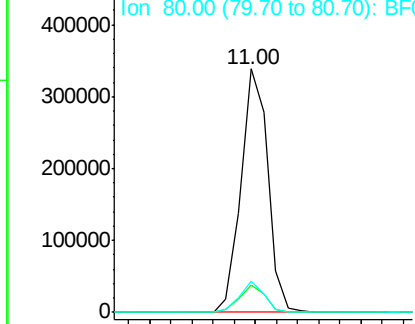
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 297131
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.7 10.2 15.2

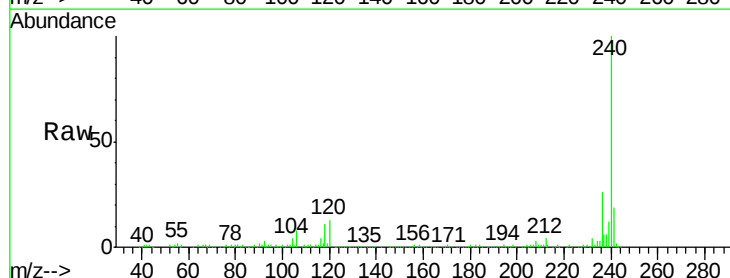


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

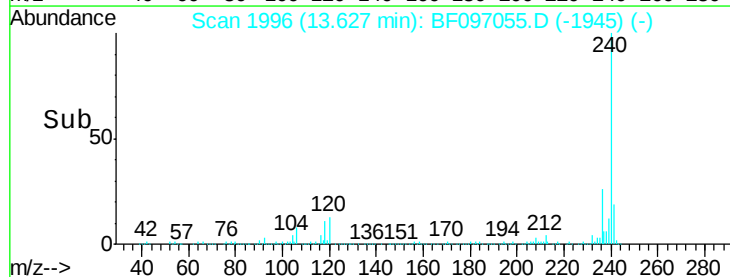
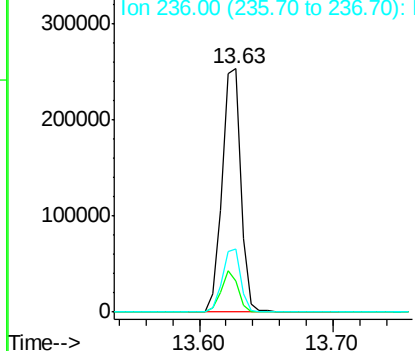


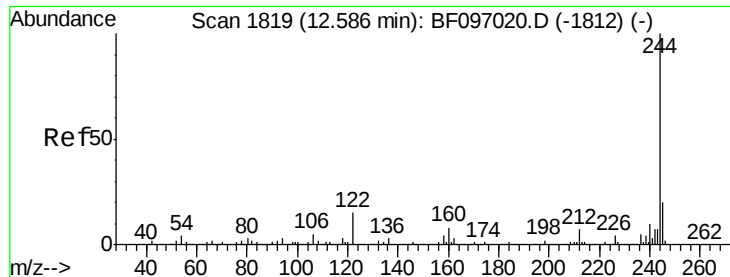
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF097055.D
Acq: 26 Jul 2017 4:16

Tgt Ion:240 Resp: 252866
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 25.7 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

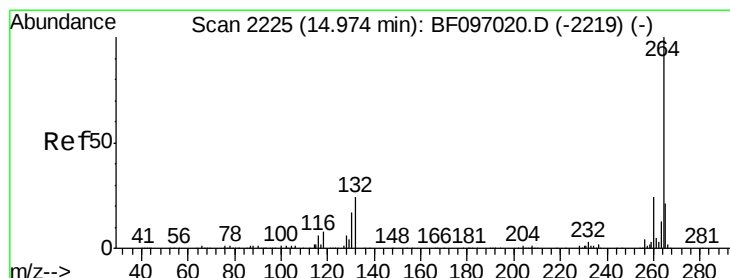
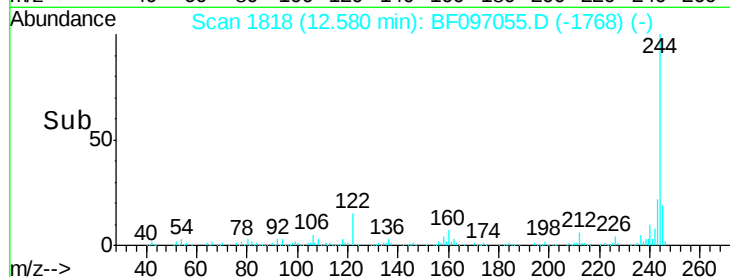
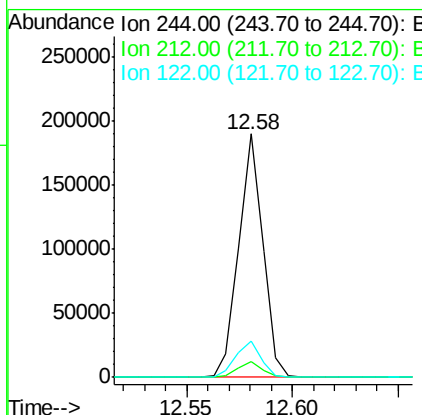
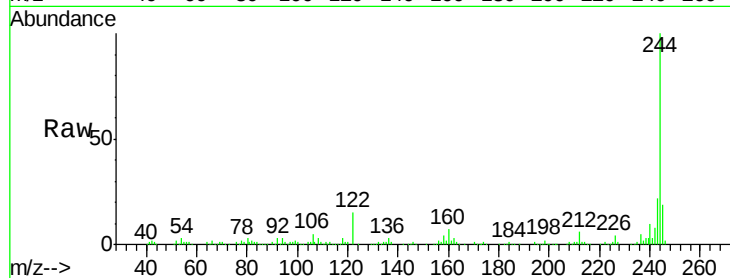




#78
 Terphenyl-d14
 Concen: 12.12 ng
 RT: 12.58 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF097055.D
 Acq: 26 Jul 2017 4:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 150345
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097055.D
 Acq: 26 Jul 2017 4:16

Tgt Ion:264 Resp: 188134
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.3 17.2 25.8

