

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097035.D
 Acq On : 25 Jul 2017 18:07
 Operator : SJ/JU
 Sample : I4369-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20170720

Quant Time: Jul 26 01:03:53 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

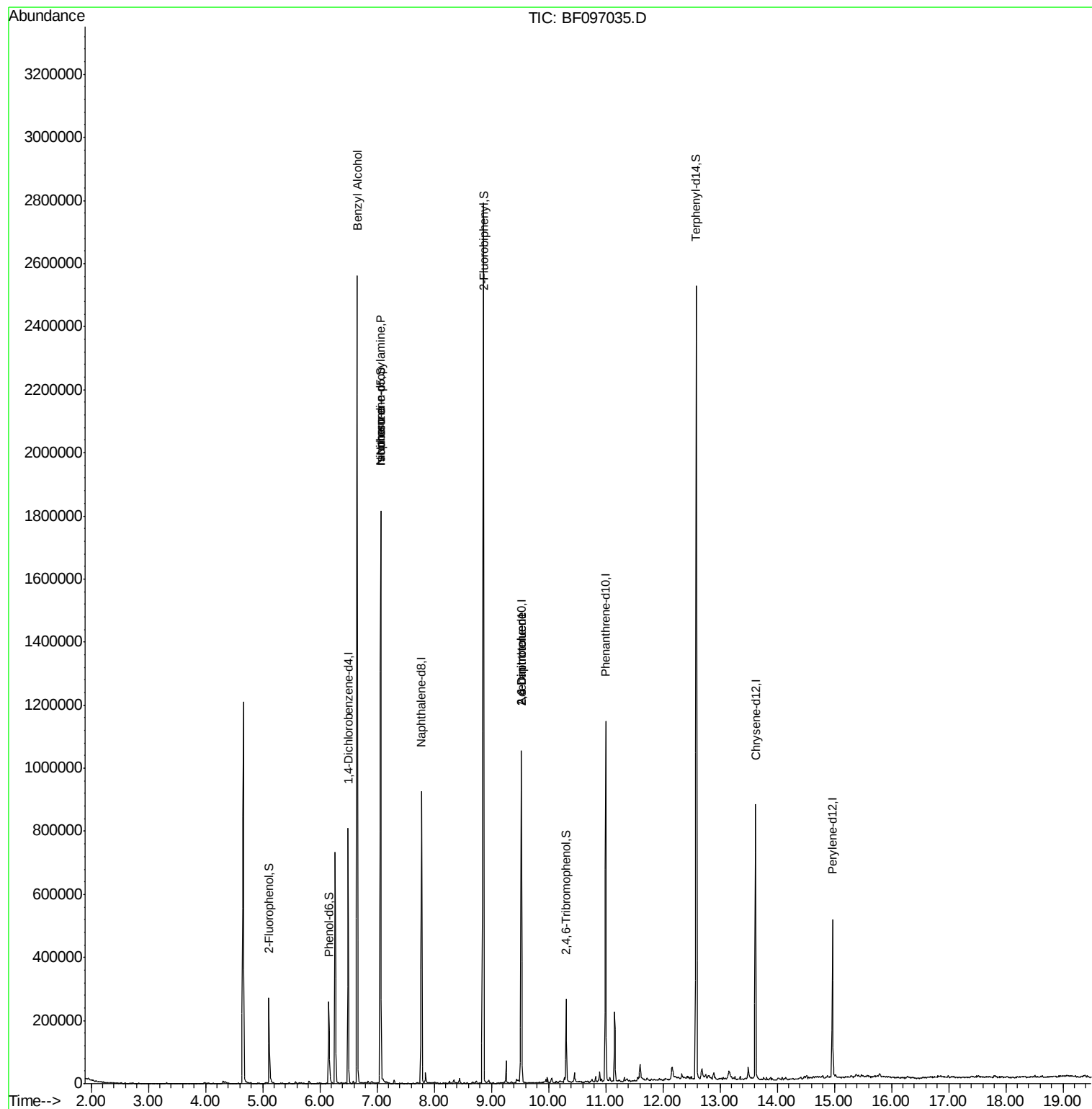
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	127645	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	473141	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	236445	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	401286	20.00	ng	0.00
75) Chrysene-d12	13.62	240	286108	20.00	ng	0.00
86) Perylene-d12	14.97	264	188526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	85173	10.06	ng	0.01
7) Phenol-d6	6.16	99	85323	8.83	ng	-0.01
23) Nitrobenzene-d5	7.07	82	711184	88.18	ng	0.00
41) 2,4,6-Tribromophenol	10.31	330	29073	15.56	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	1188005	85.27	ng	0.00
78) Terphenyl-d14	12.59	244	963447	68.66	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.65	79	12565	2.05	ng	# 40
19) n-Nitroso-di-n-propylamine	7.07	70	97315	15.29	ng	# 86
25) Isophorone	7.07	82	677582	42.90	ng	# 67
50) 2,6-Dinitrotoluene	9.53	165	30262	7.95	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	30262	6.91	ng	# 34

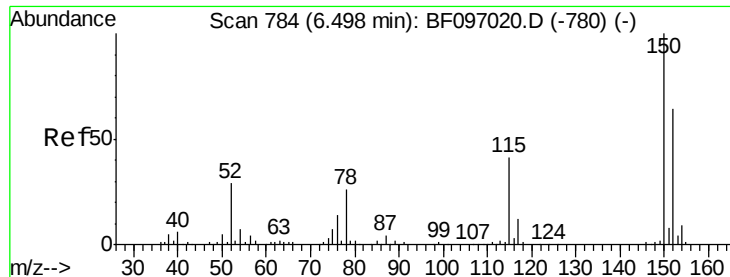
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF097035.D

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Instrument :

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ClientSampleId :

MW-1-20170720

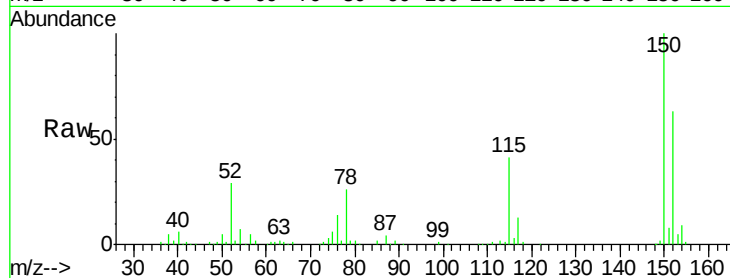
Tot Ion:152 Resp: 127645

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

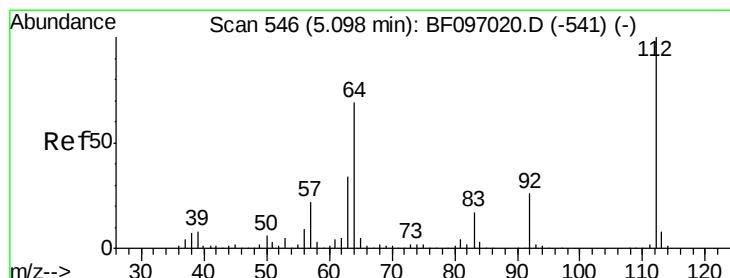
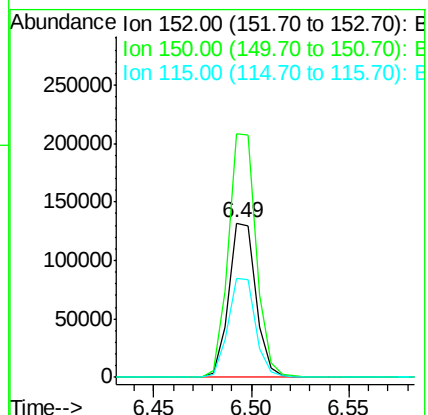
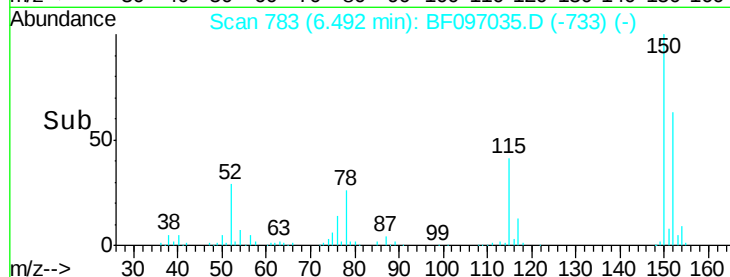
115 64.4 52.2 78.2



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: 10.06 ng

RT: 5.11 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

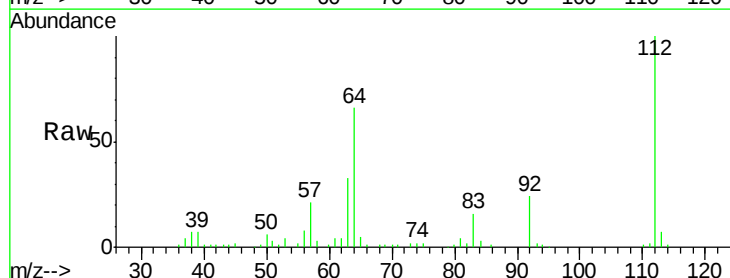
Tgt Ion:112 Resp: 85173

Ion Ratio Lower Upper

112 100

64 66.2 46.0 69.0

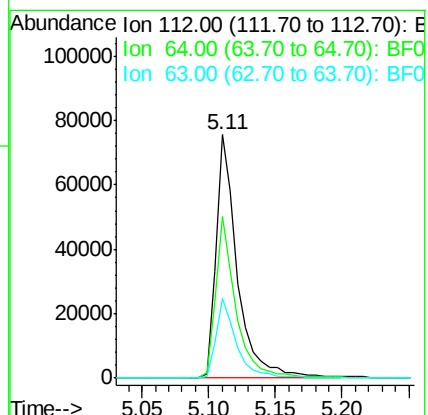
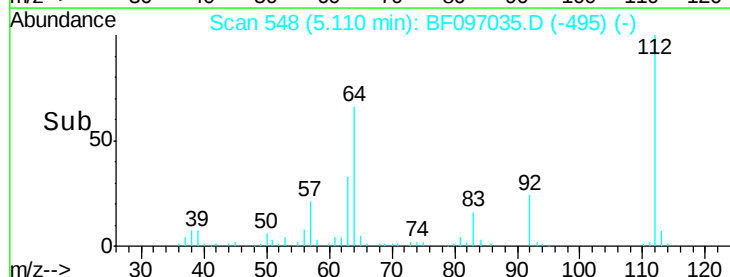
63 32.6 23.4 35.0

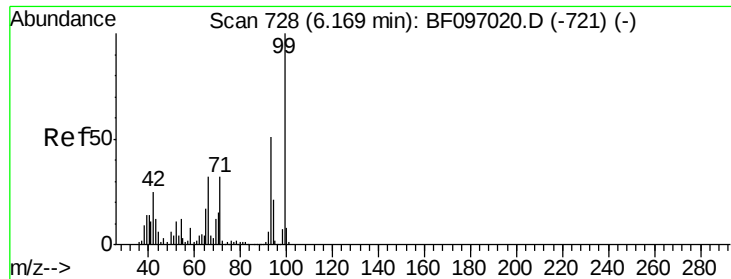


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.83 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

Instrument :

BNA_F

ClientSampleId :

MW-1-20170720

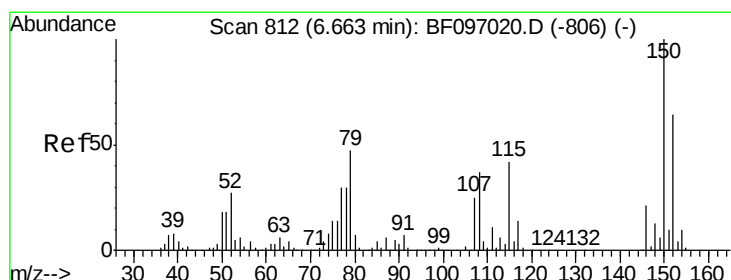
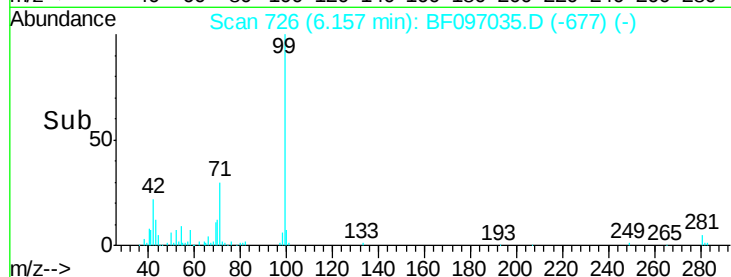
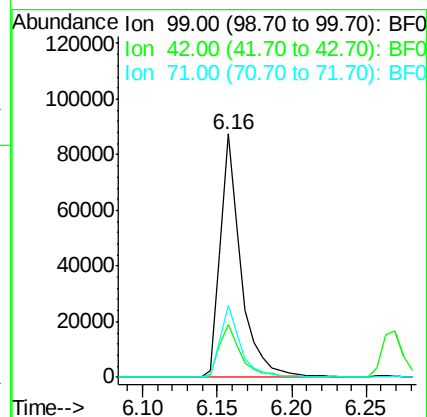
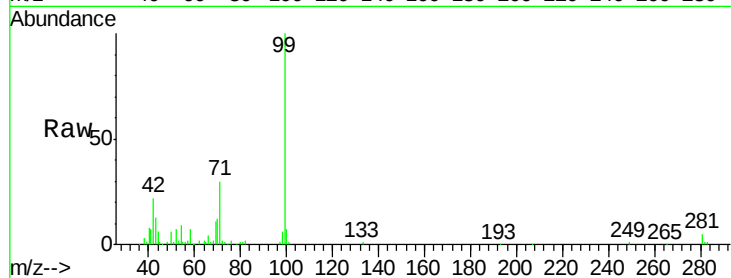
Tot Ion: 99 Resp: 85323

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

71 29.6 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

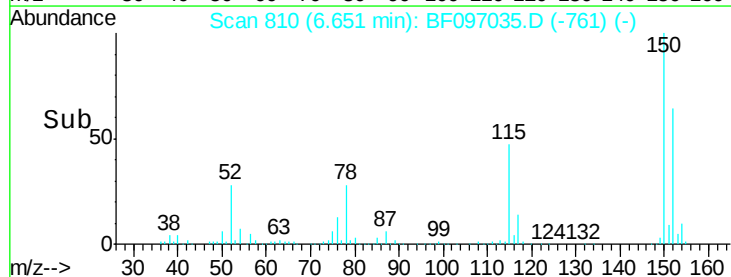
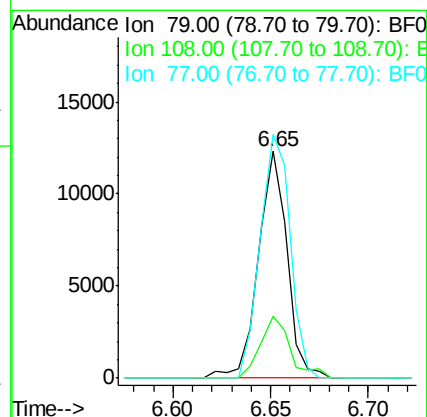
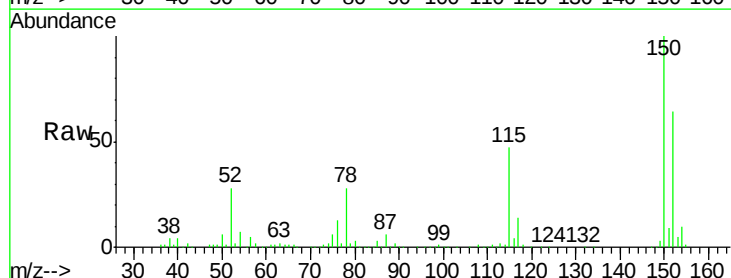
Tgt Ion: 79 Resp: 12565

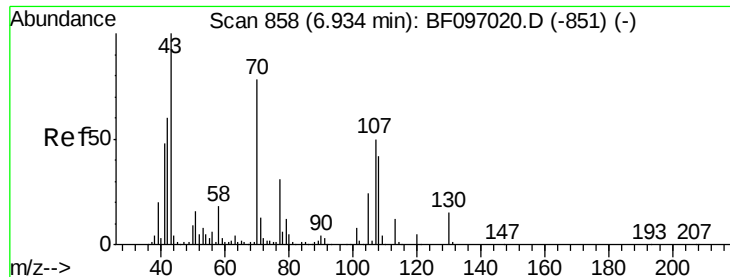
Ion Ratio Lower Upper

79 100

108 27.2 63.4 95.0#

77 107.5 49.2 73.8#

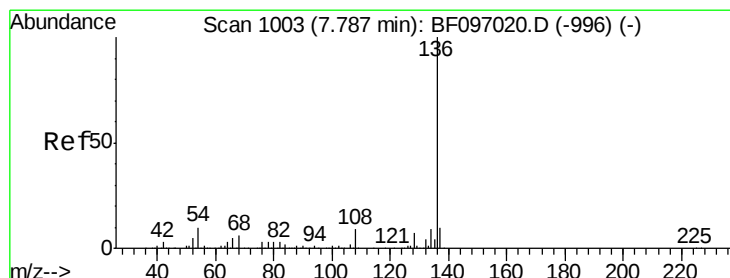
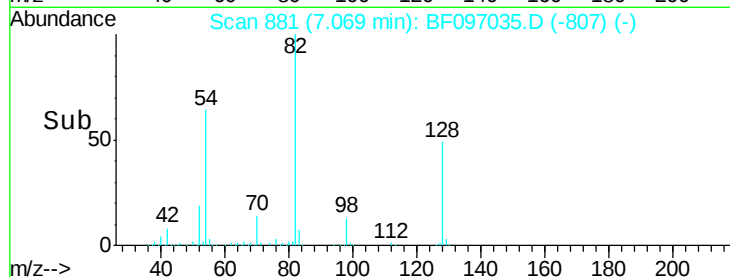
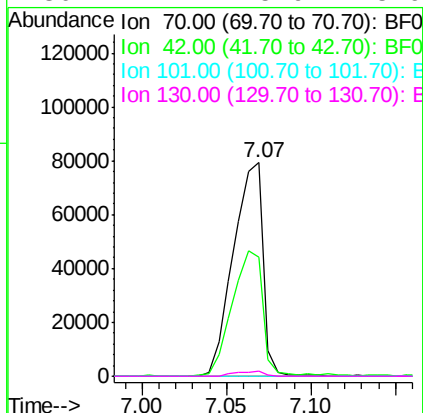
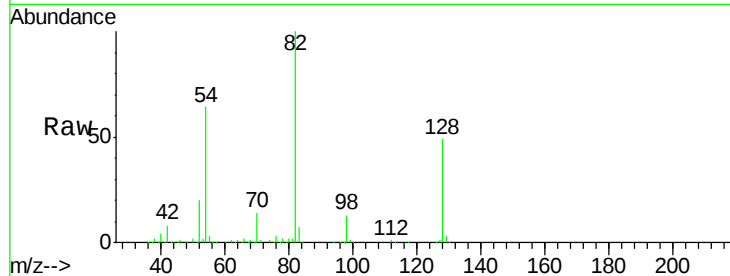




#19
n-Nitroso-di-n-propylamine
Concen: 15.29 ng
RT: 7.07 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

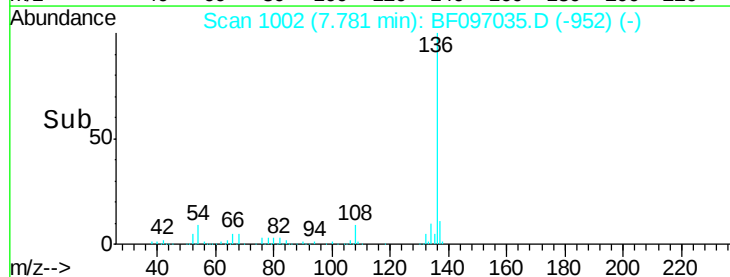
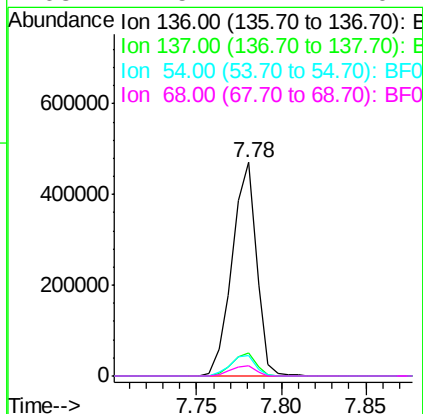
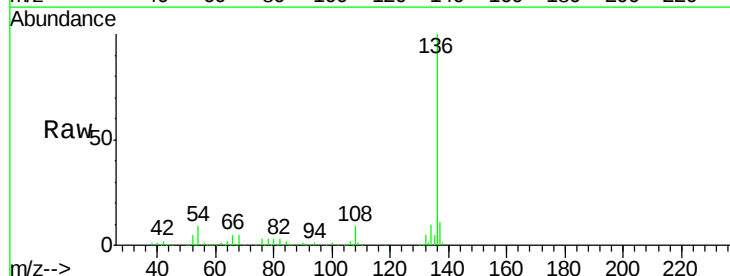
Instrument :
BNA_F
ClientSampleId :
MW-1-20170720

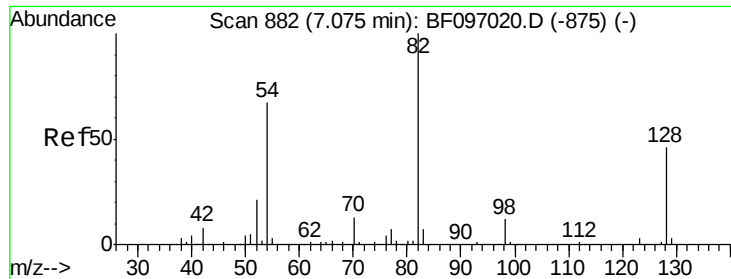
Tot Ion: 70 Resp: 97315
Ion Ratio Lower Upper
70 100
42 55.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

Tgt Ion:136 Resp: 473141
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.4 4.9 7.3#
68 4.5 4.1 6.1

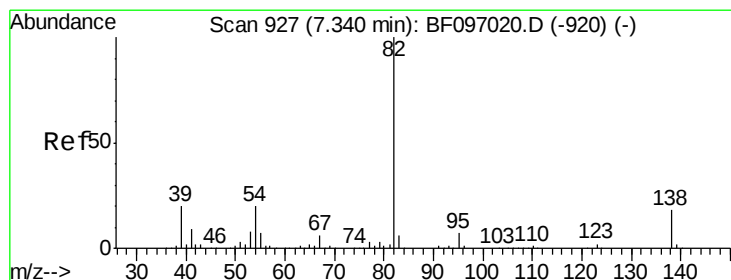
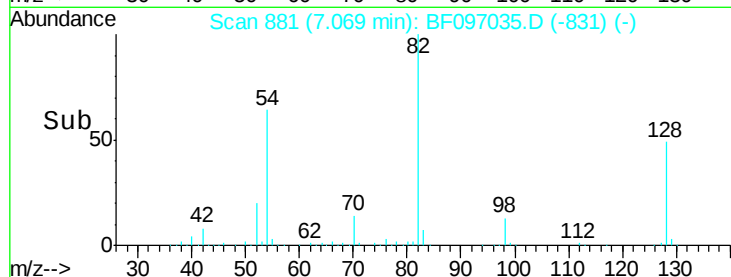
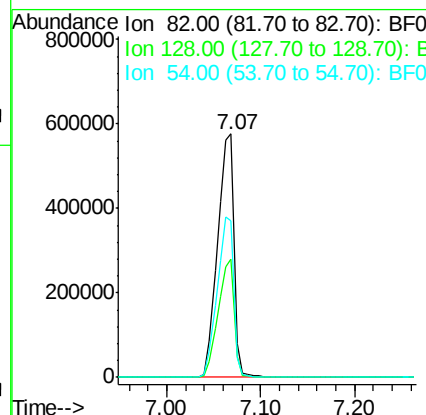
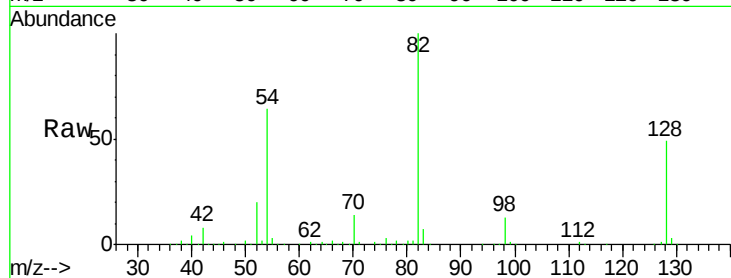




#23
Nitrobenzene-d5
Concen: 88.18 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

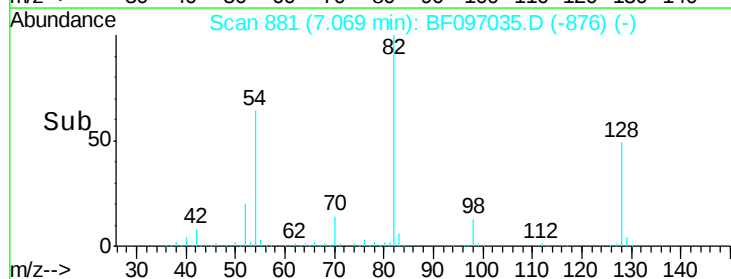
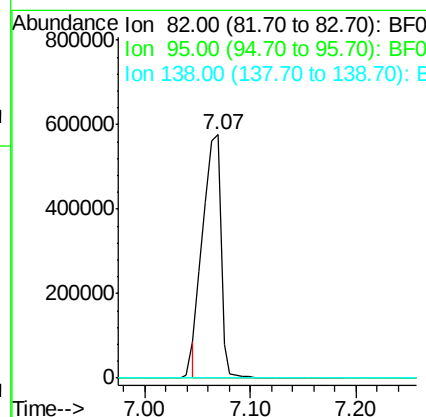
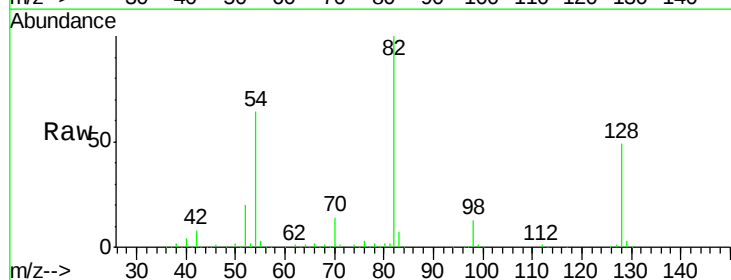
Instrument :
BNA_F
ClientSampleId :
MW-1-20170720

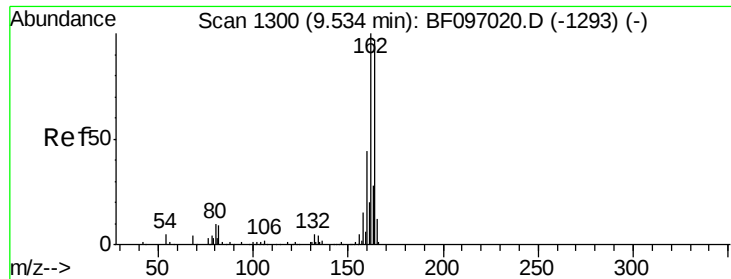
Tot Ion: 82 Resp: 711184
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 64.3 42.2 63.2#



#25
Isophorone
Concen: 42.90 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

Tgt Ion: 82 Resp: 677582
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

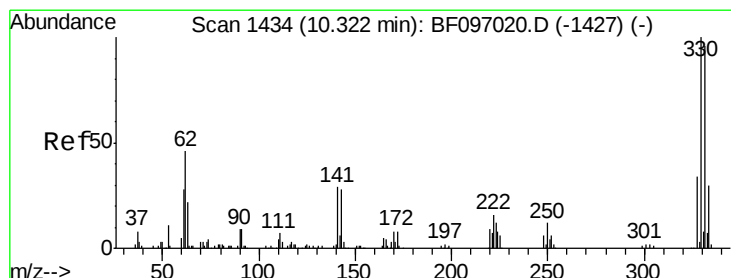
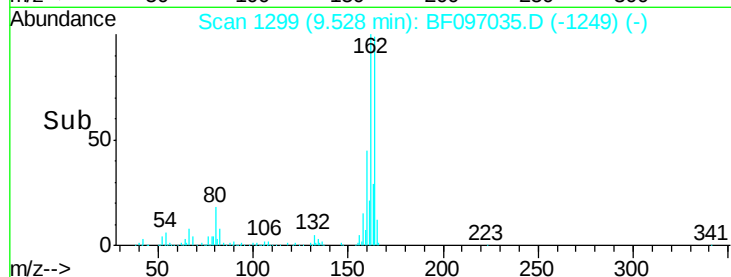
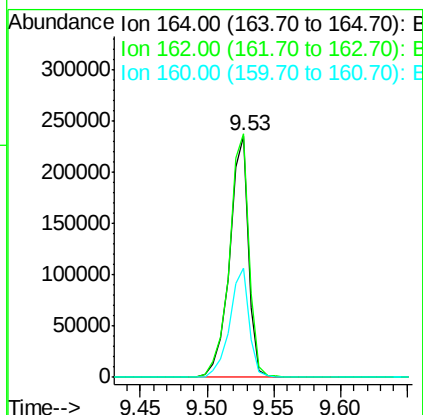
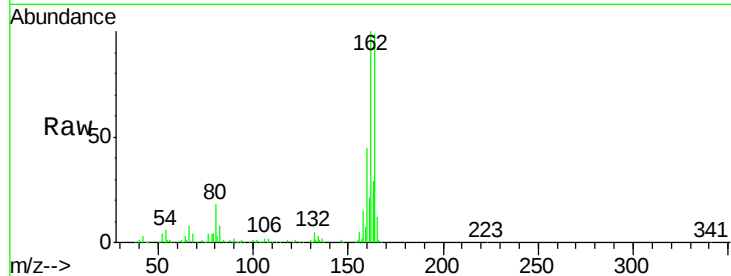




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097035.D
 Acq: 25 Jul 2017 18:07

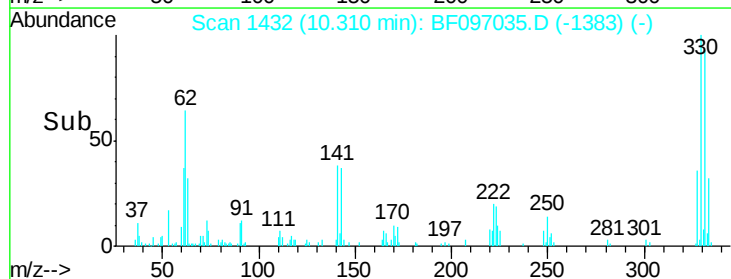
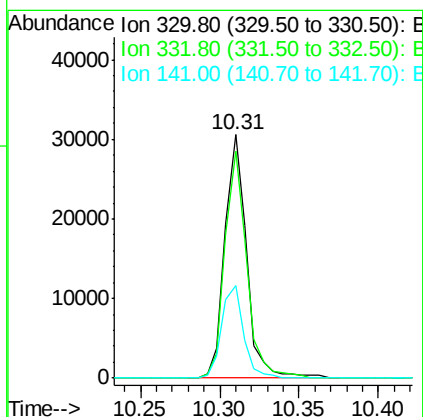
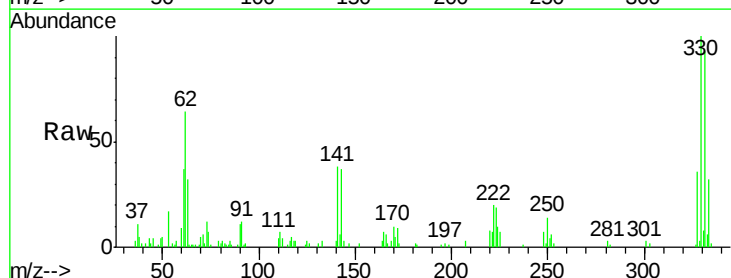
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20170720

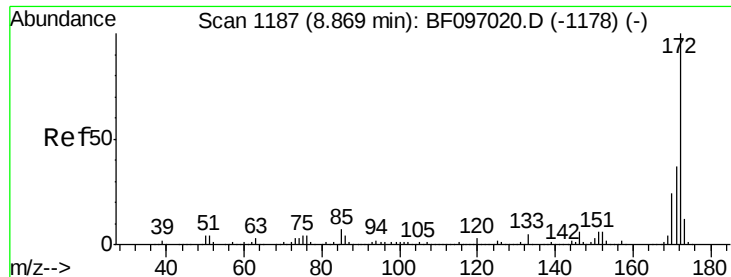
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	45.0	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 15.56 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097035.D
 Acq: 25 Jul 2017 18:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	38.2	31.4	47.2



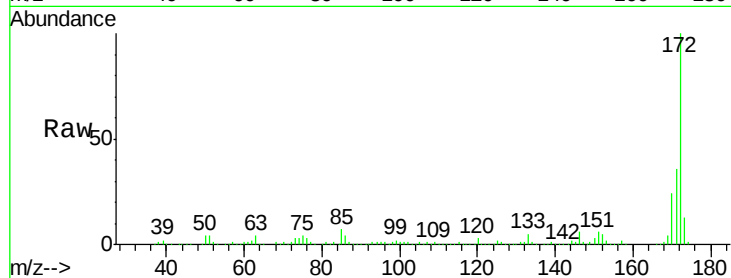


#44
 2-Fluorobiphenyl
 Concen: 85.27 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097035.D
 Acq: 25 Jul 2017 18:07

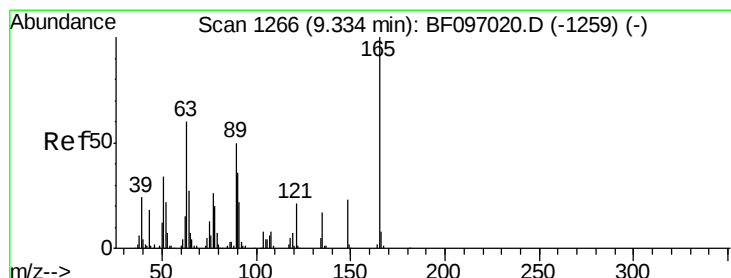
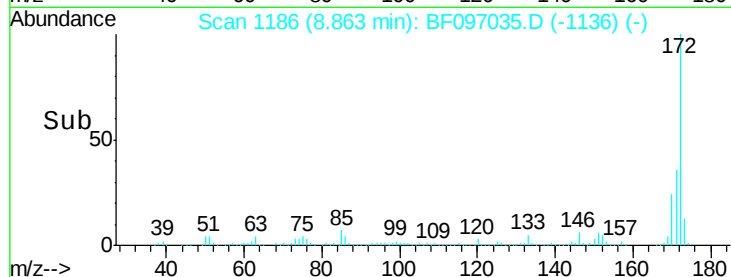
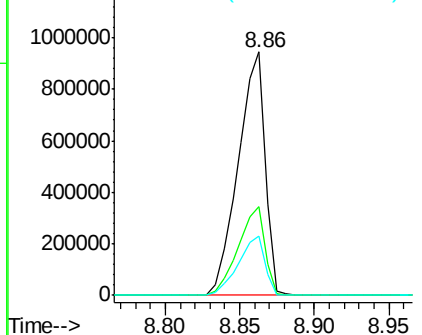
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20170720

Tot Ion:172 Resp: 1188005

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8



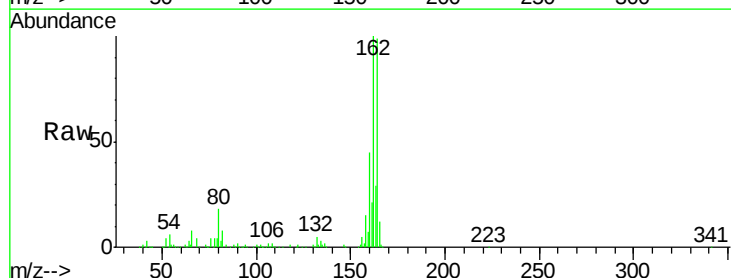
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



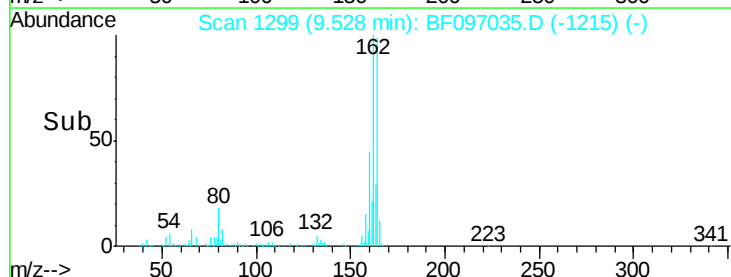
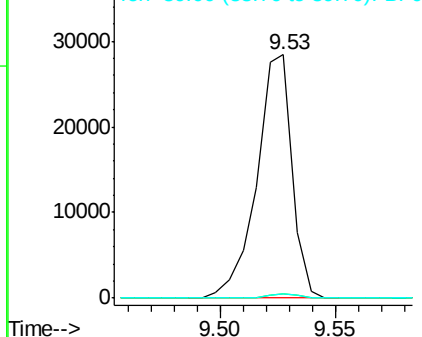
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF097035.D
 Acq: 25 Jul 2017 18:07

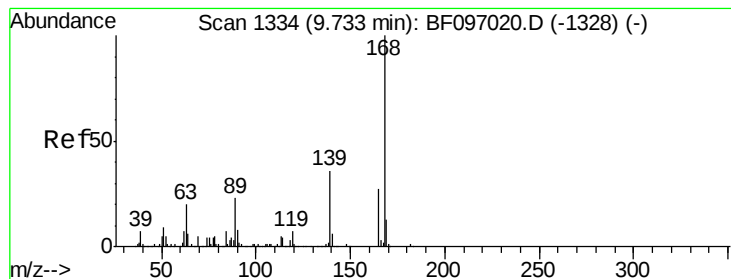
Tgt Ion:165 Resp: 30262

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.0	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: 6.91 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.21 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

Instrument :

BNA_F

ClientSampleId :

MW-1-20170720

Tot Ion:165 Resp: 30262

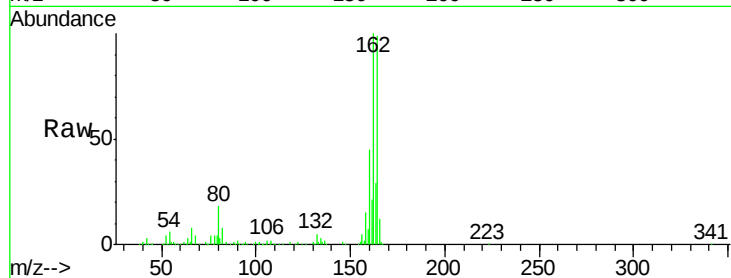
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

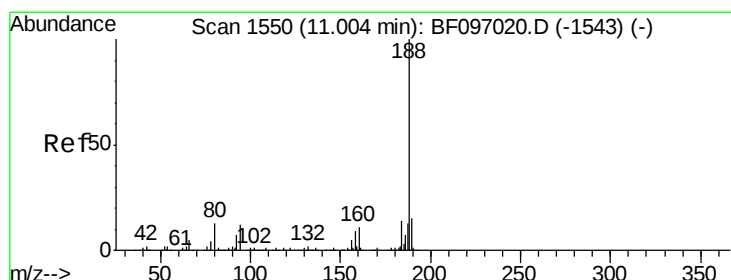
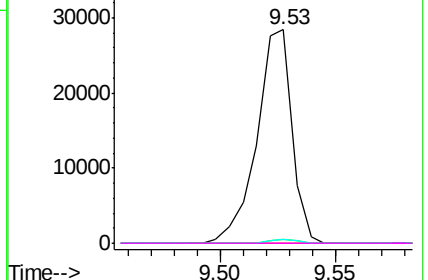
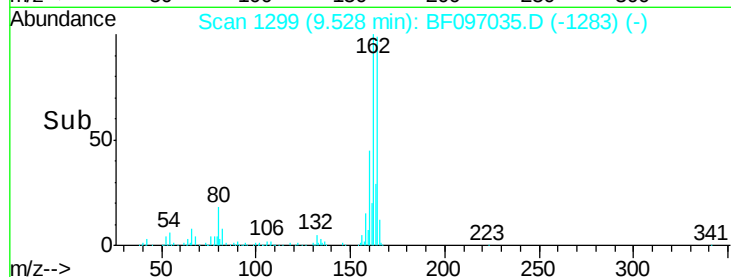


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

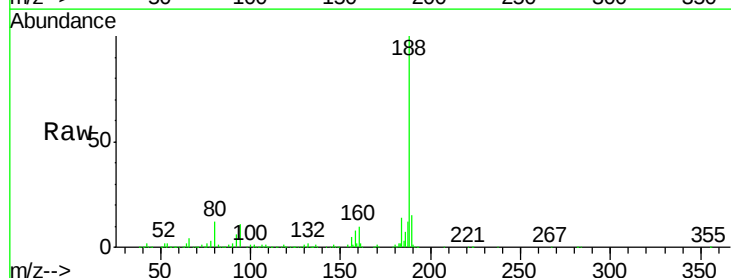
Tgt Ion:188 Resp: 401286

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

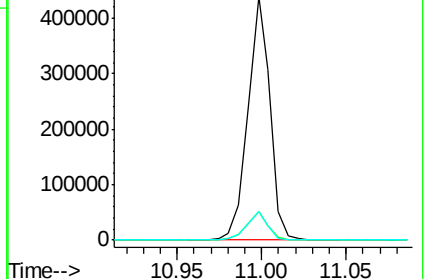
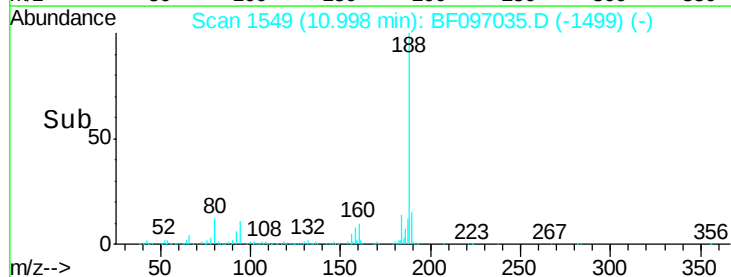
80 12.0 10.2 15.2

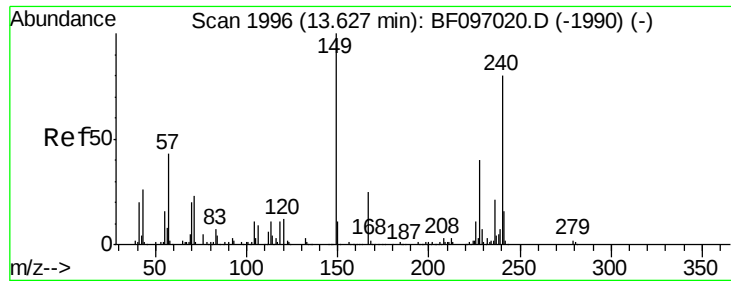


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

Instrument :

BNA_F

ClientSampleId :

MW-1-20170720

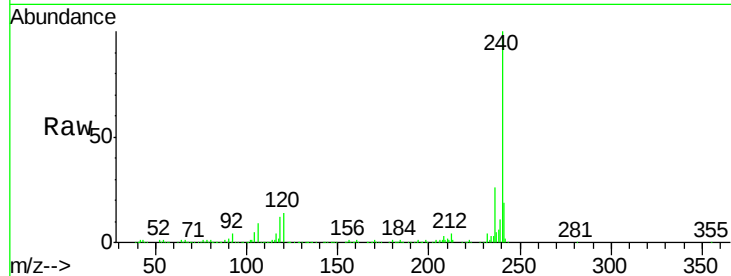
Tot Ion:240 Resp: 286108

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

236 26.1 20.5 30.7



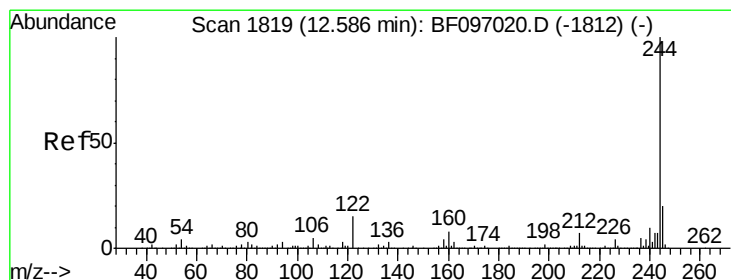
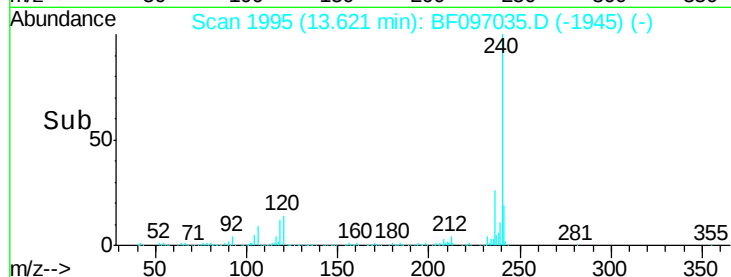
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.62

Time-->



#78

Terphenyl-d14

Concen: 68.66 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097035.D

Acq: 25 Jul 2017 18:07

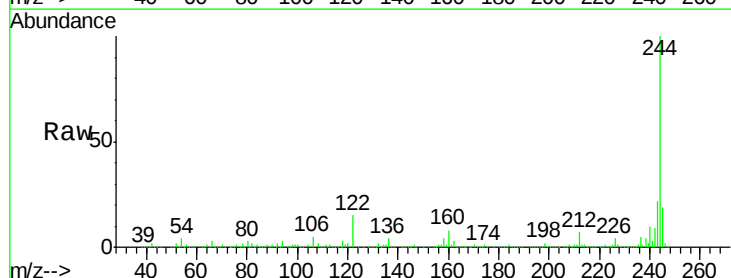
Tgt Ion:244 Resp: 963447

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 15.0 10.3 15.5



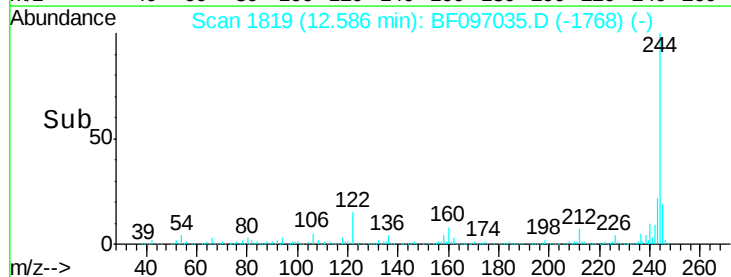
Abundance Ion 244.00 (243.70 to 244.70): E

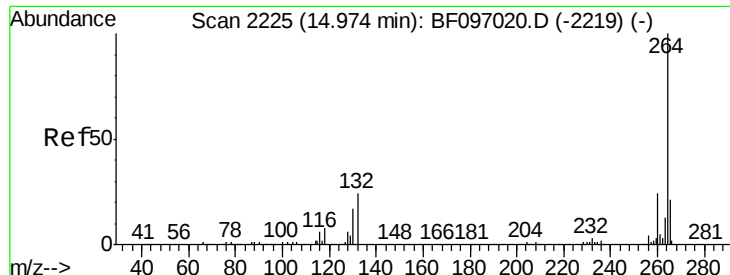
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.59

Time-->

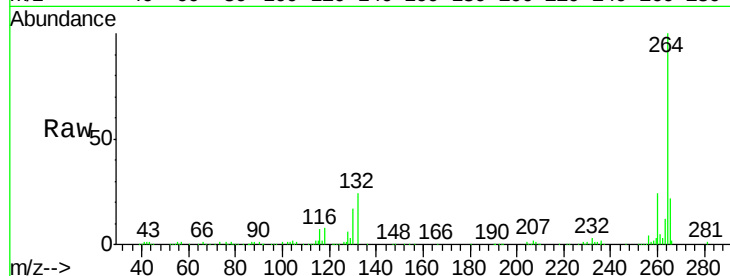




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF097035.D
Acq: 25 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :
MW-1-20170720

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	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

