

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097098.D
 Acq On : 27 Jul 2017 1:52
 Operator : SJ/JU
 Sample : I4359-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:21:37 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

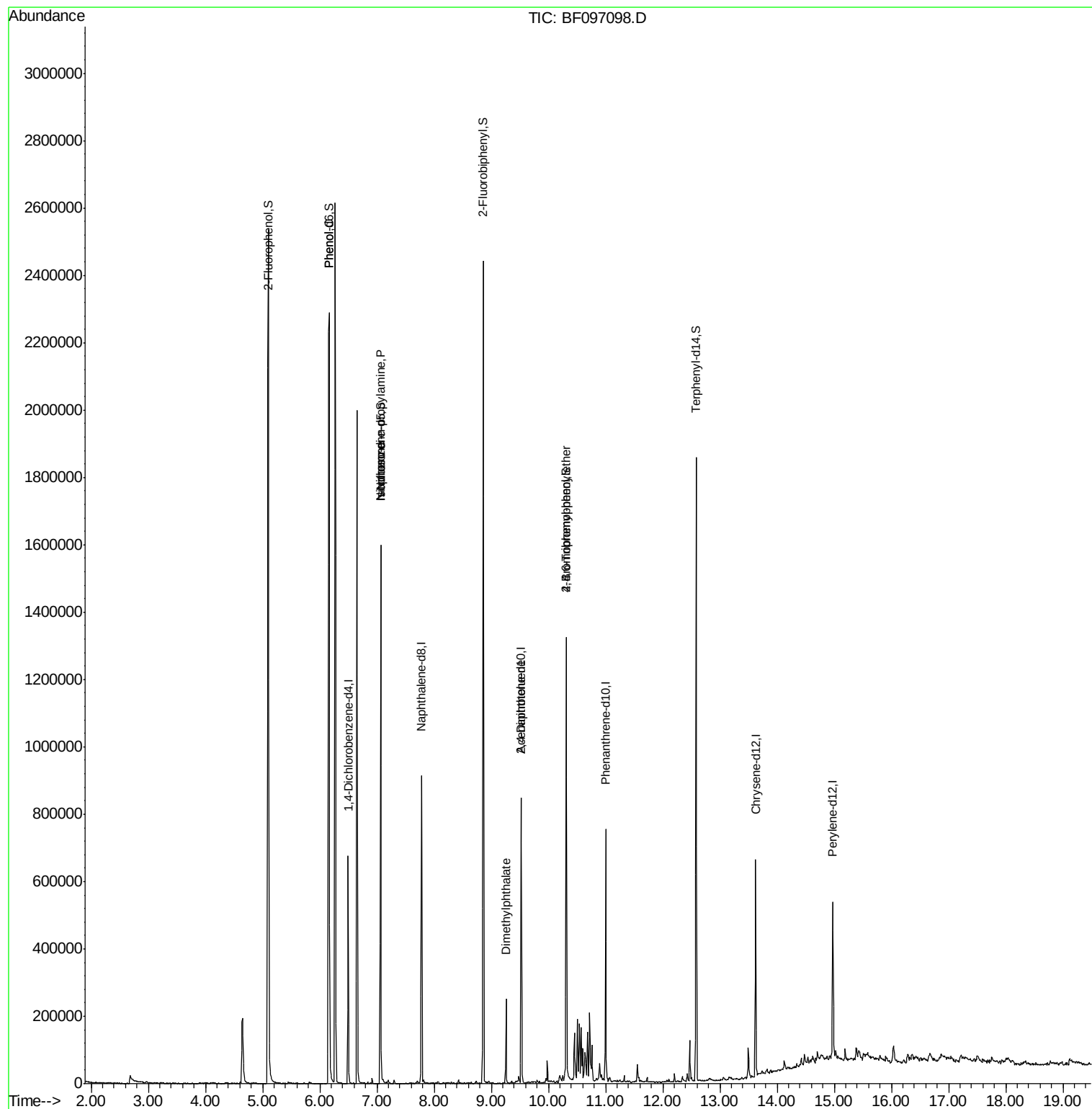
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	100996	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	425524	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	165952	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	242456	20.00	ng	0.00
75) Chrysene-d12	13.62	240	211673	20.00	ng	0.00
86) Perylene-d12	14.97	264	175801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	772724	115.34	ng	0.00
7) Phenol-d6	6.16	99	881248	115.22	ng	0.00
23) Nitrobenzene-d5	7.06	82	480191	66.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	138104	105.33	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	777791	79.54	ng	-0.01
78) Terphenyl-d14	12.59	244	532538	51.29	ng	0.00
Target Compounds						
10) Phenol	6.17	94	29377	3.238	ng	96
19) n-Nitroso-di-n-propylamine	7.06	70	63364	12.586	ng	# 88
25) Isophorone	7.06	82	471520	33.193	ng	# 67
49) Dimethylphthalate	9.26	163	97068	7.703	ng	100
56) 2,4-Dinitrotoluene	9.52	165	20496	6.670	ng	# 32
66) 4-Bromophenyl-phenylether	10.31	248	8557	3.536	ng	# 1

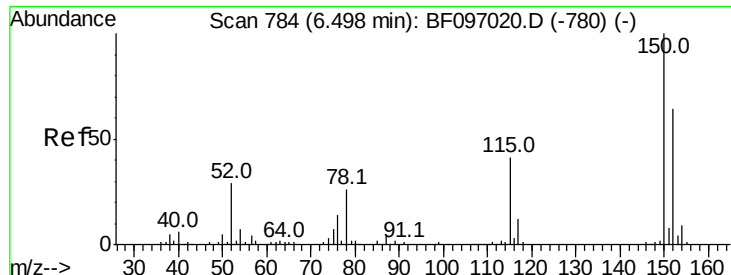
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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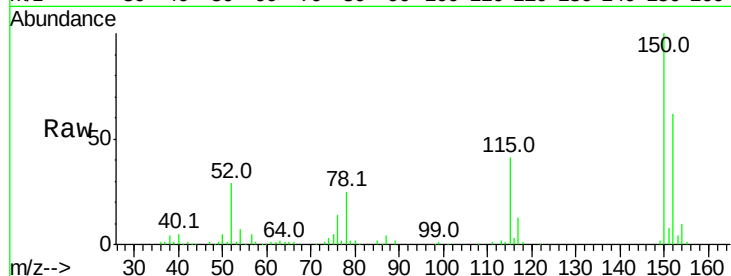


#1

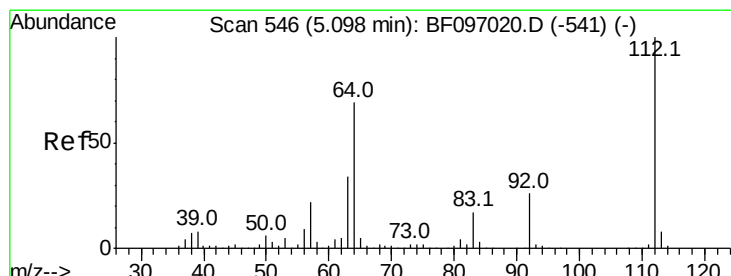
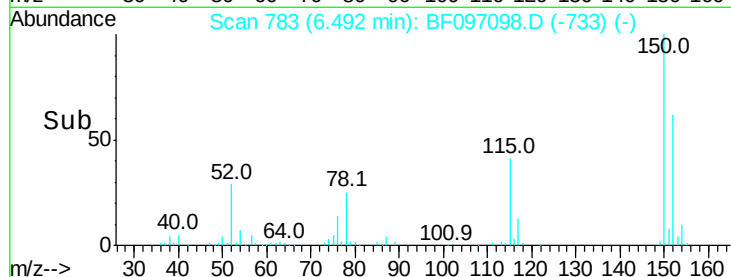
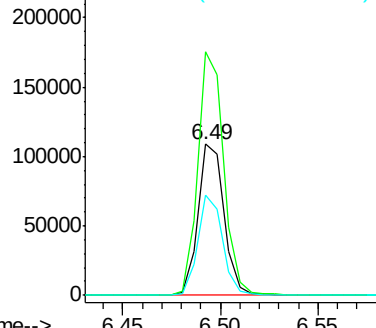
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100996
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.2
115 66.0 52.2 78.2



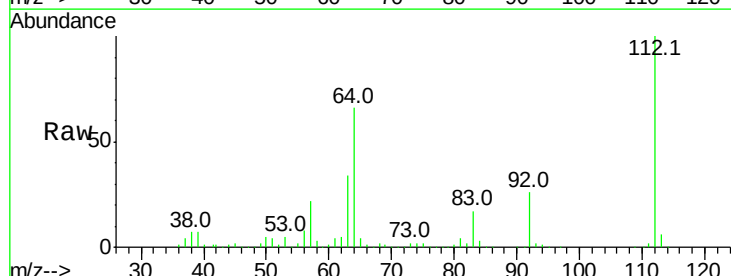
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



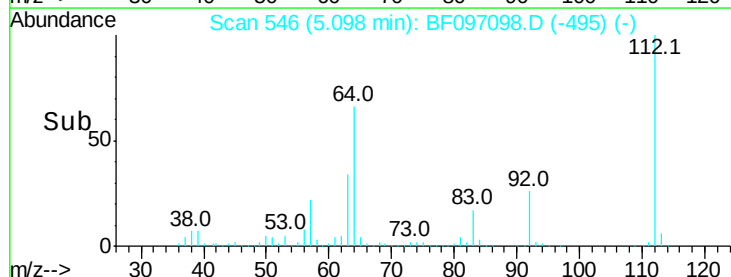
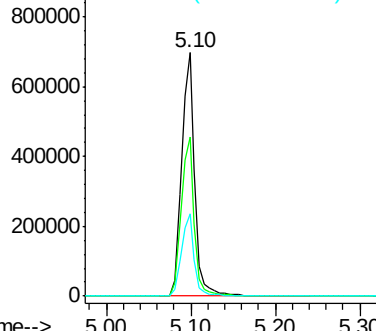
#5

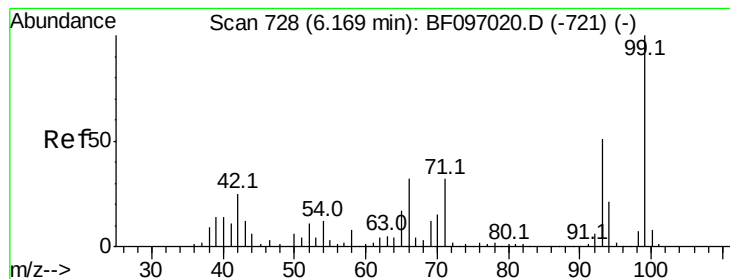
2-Fluorophenol
Concen: 115.338 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Tgt Ion:112 Resp: 772724
Ion Ratio Lower Upper
112 100
64 65.5 46.0 69.0
63 33.8 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: 115.220 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097098.D

Acq: 27 Jul 2017 1:52

Instrument :

BNA_F

ClientSampled :

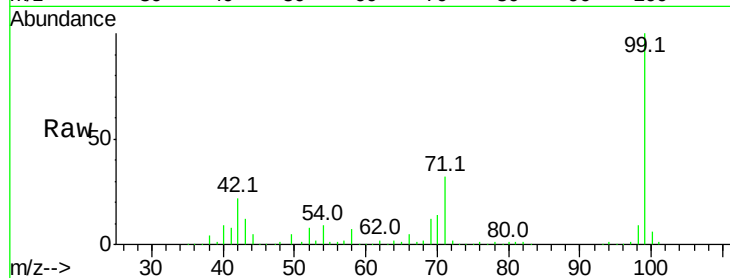
Tot Ion: 99 Resp: 881248

Ion Ratio Lower Upper

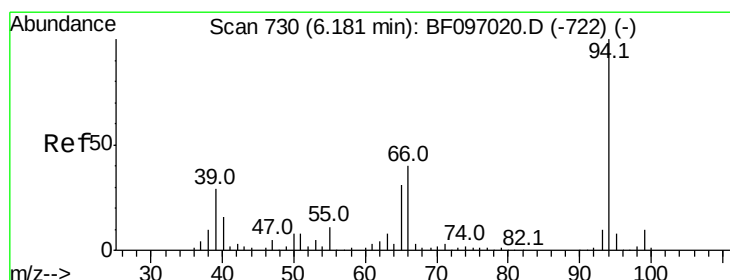
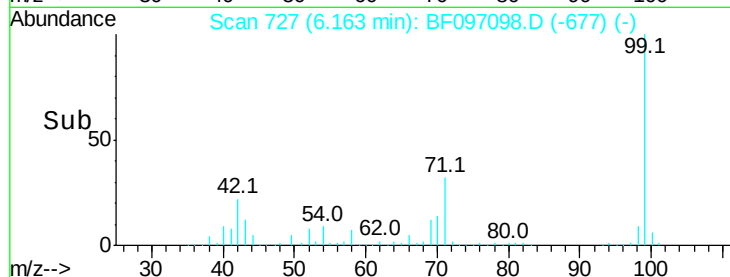
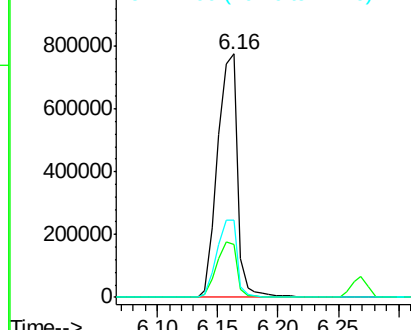
99 100

42 21.5 13.5 20.3#

71 31.6 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



#10

Phenol

Concen: 3.238 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097098.D

Acq: 27 Jul 2017 1:52

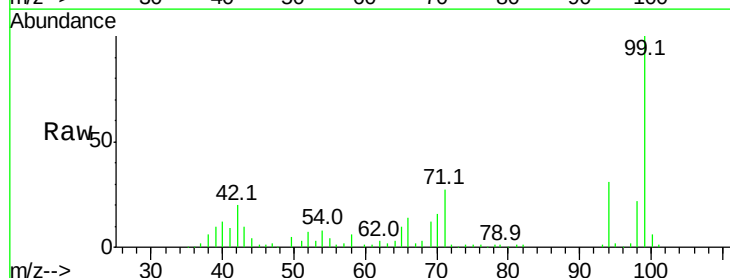
Tgt Ion: 94 Resp: 29377

Ion Ratio Lower Upper

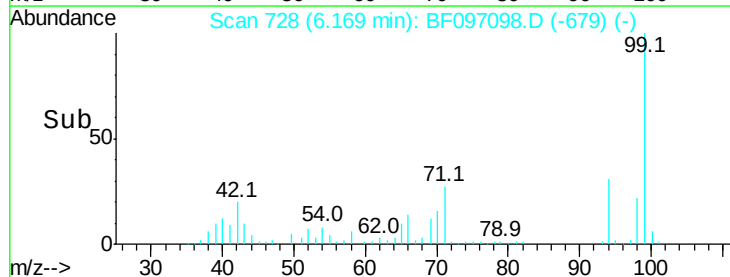
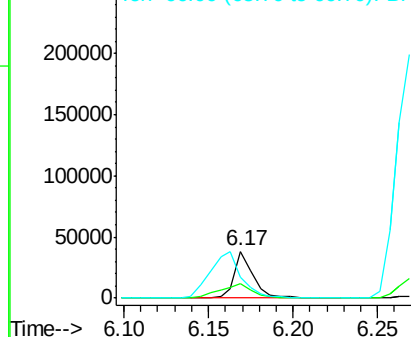
94 100

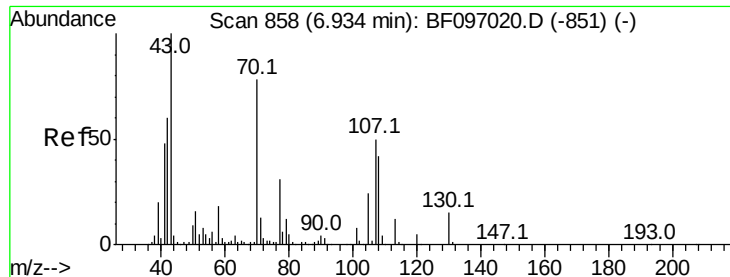
65 31.3 9.9 49.9

66 46.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

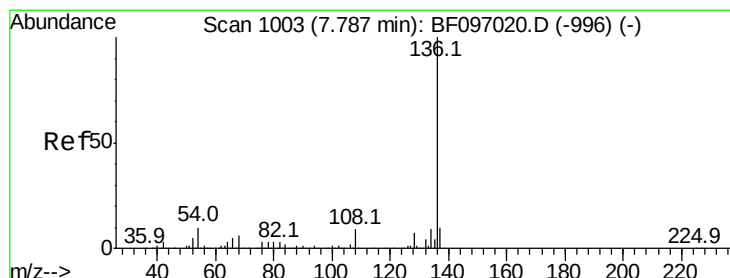
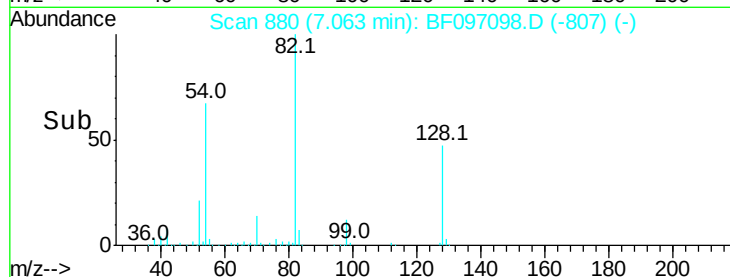
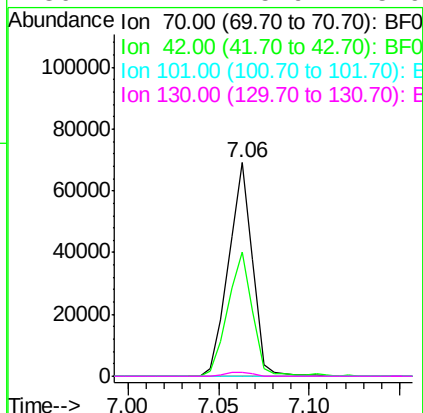
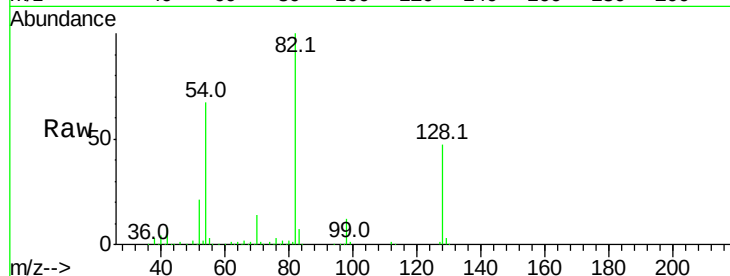




#19
n-Nitroso-di-n-propylamine
Concen: 12.586 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

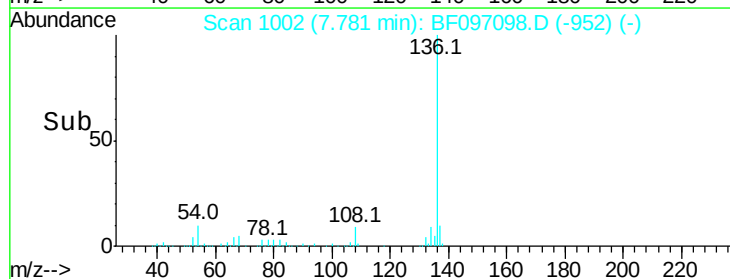
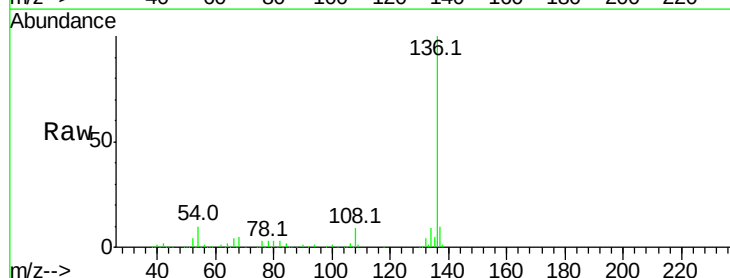
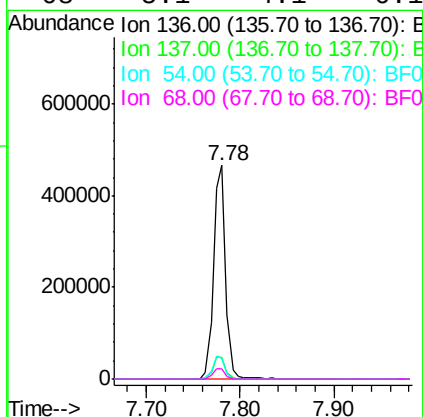
Instrument :
BNA_F
ClientSampled :

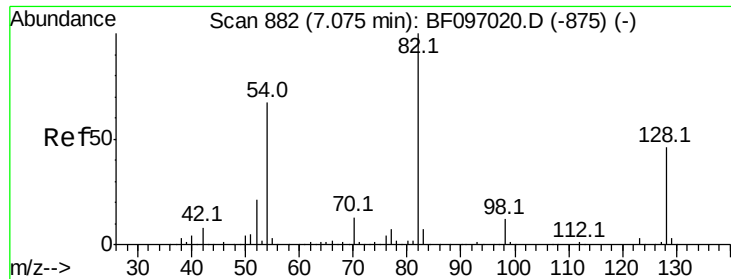
Tot Ion: 70 Resp: 63364
Ion Ratio Lower Upper
70 100
42 58.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Tgt Ion: 136 Resp: 425524
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.5 4.9 7.3#
68 5.1 4.1 6.1

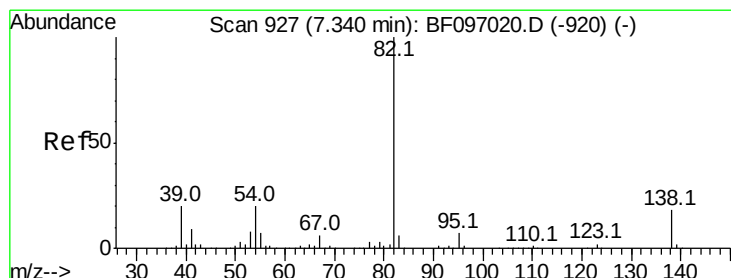
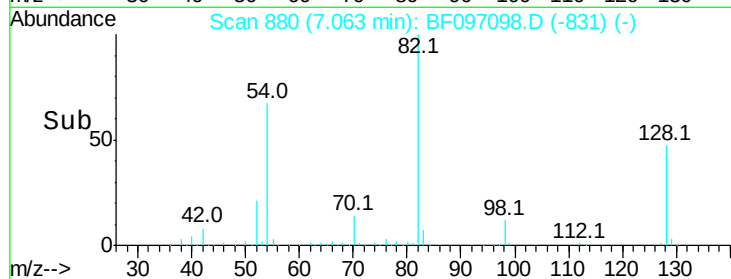
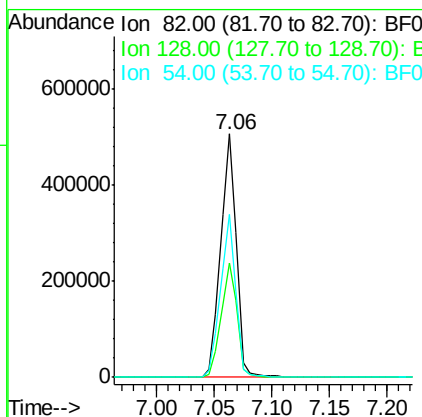
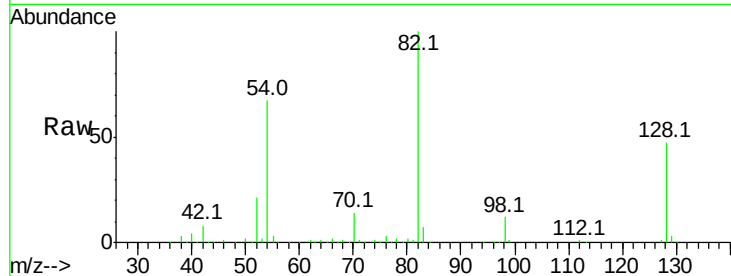




#23
Nitrobenzene-d5
Concen: 66.201 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

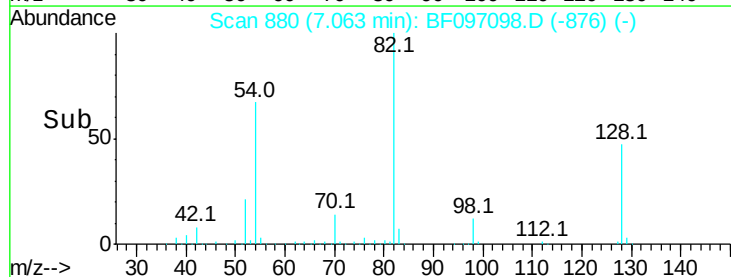
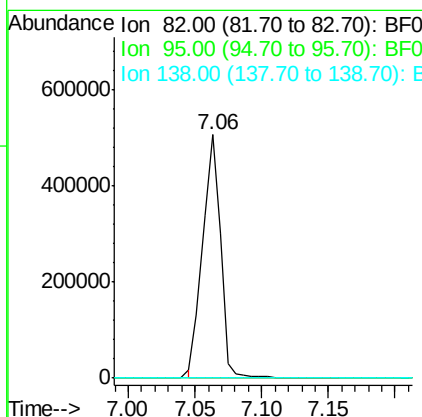
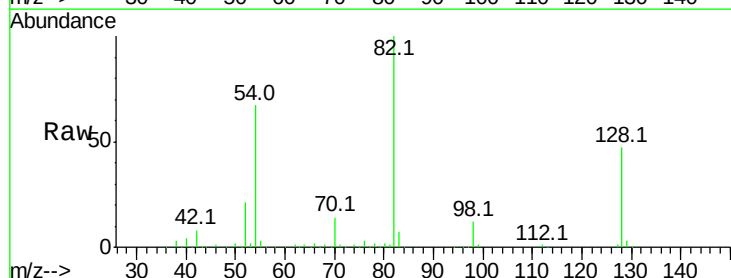
Instrument :
BNA_F
ClientSampleId :

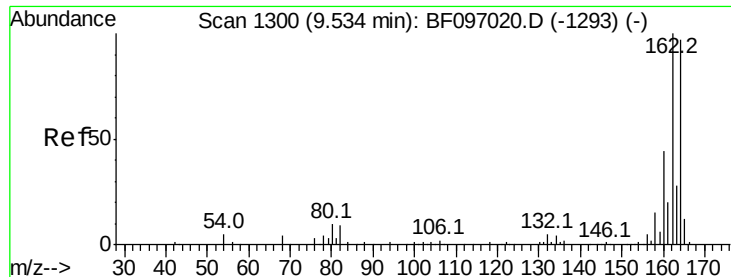
Tot Ion: 82 Resp: 480191
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 66.8 42.2 63.2#



#25
Isophorone
Concen: 33.193 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Tgt Ion: 82 Resp: 471520
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

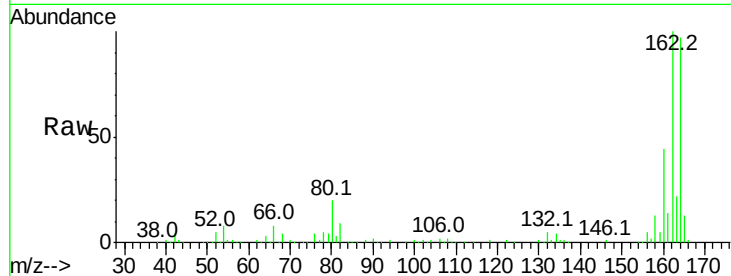




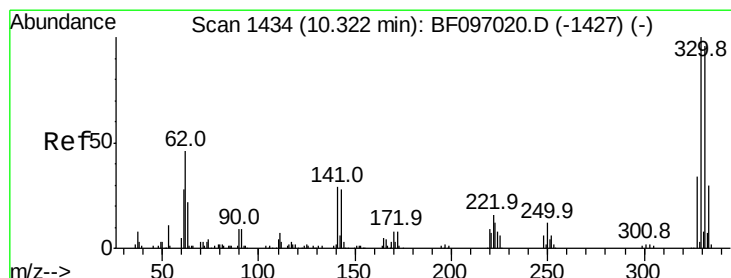
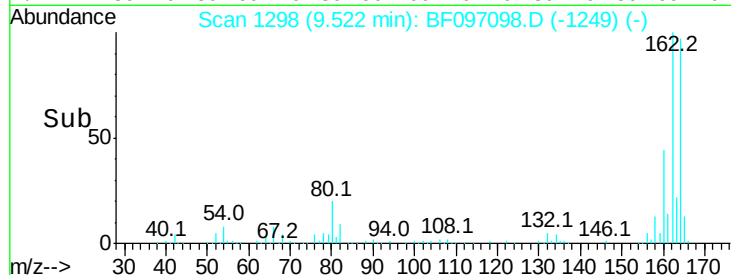
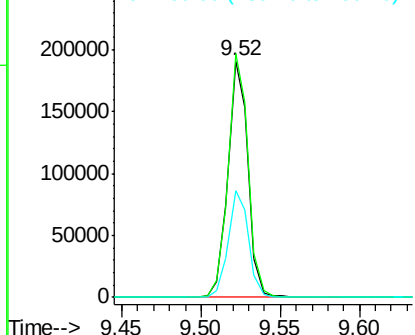
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 165952
Ion Ratio Lower Upper
164 100
162 103.1 82.6 123.8
160 44.9 36.2 54.2

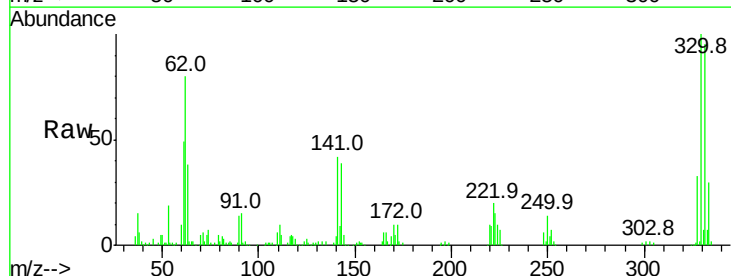


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

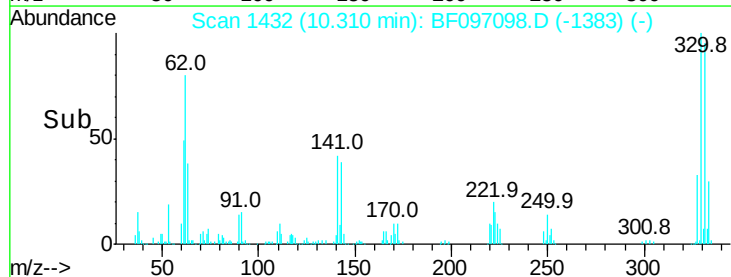
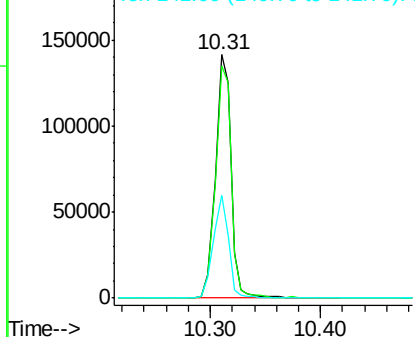


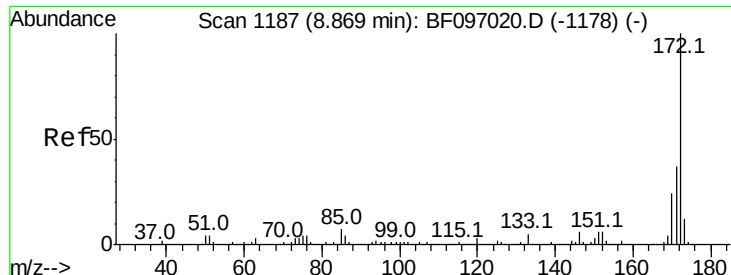
#41
2,4,6-Tribromophenol
Concen: 105.328 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Tgt Ion:330 Resp: 138104
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 40.9 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

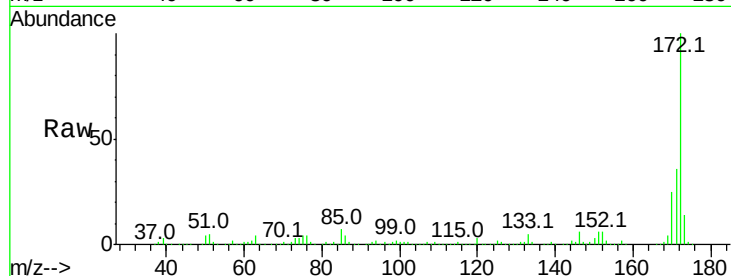




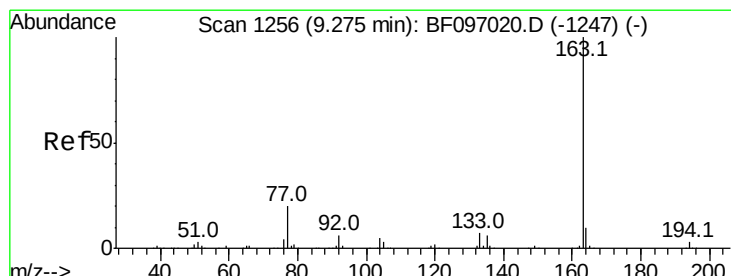
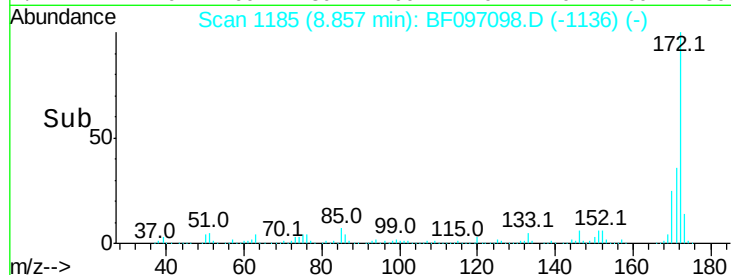
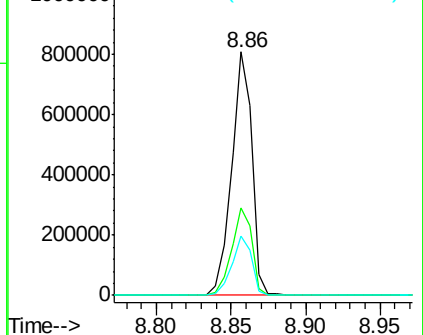
#44
2-Fluorobiphenyl
Concen: 79.540 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8

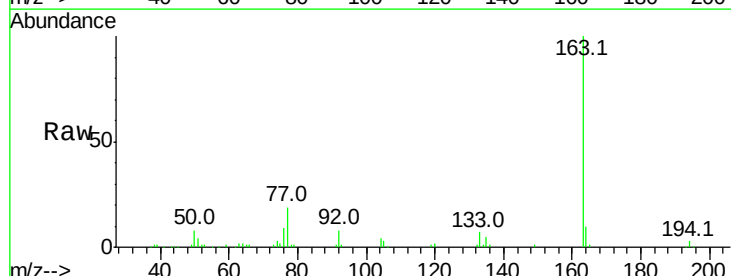


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

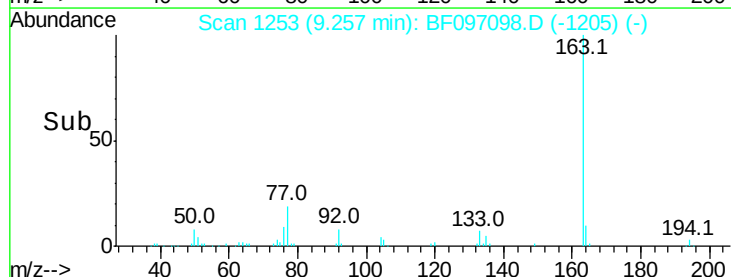
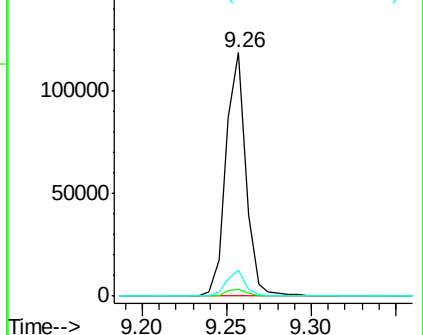


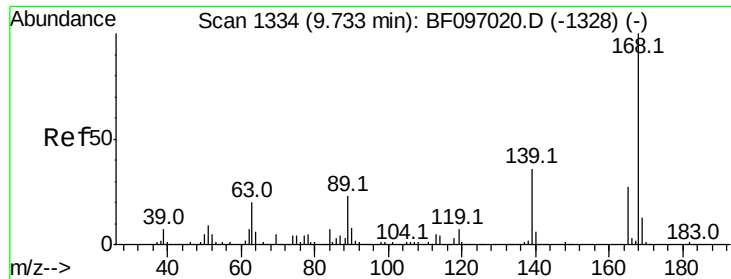
#49
Dimethylphthalate
Concen: 7.703 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.5	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





#56

2,4-Dinitrotoluene

Concen: 6.670 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097098.D

Acq: 27 Jul 2017 1:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20496

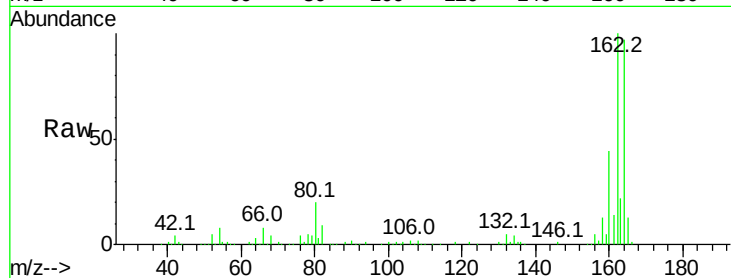
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

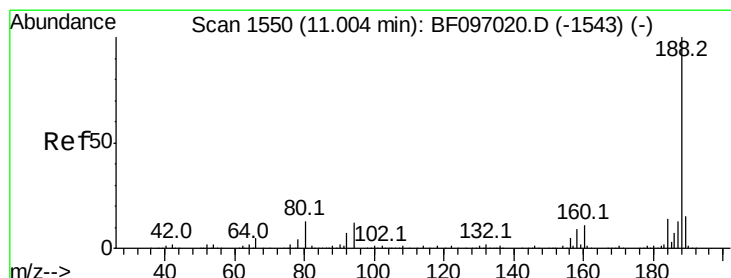
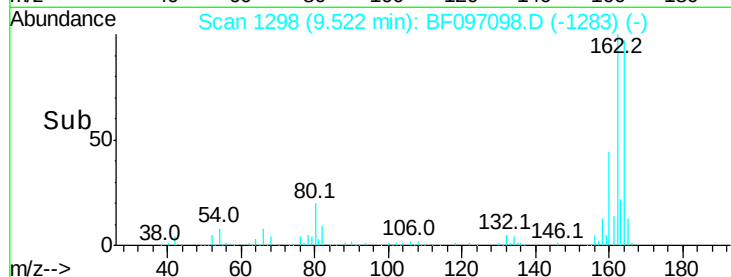
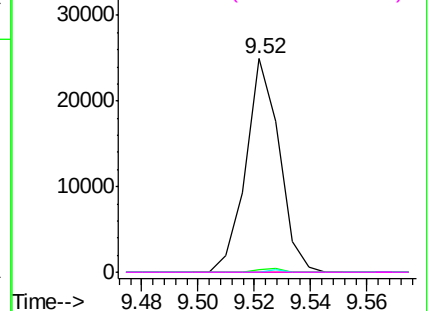


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF097098.D

Acq: 27 Jul 2017 1:52

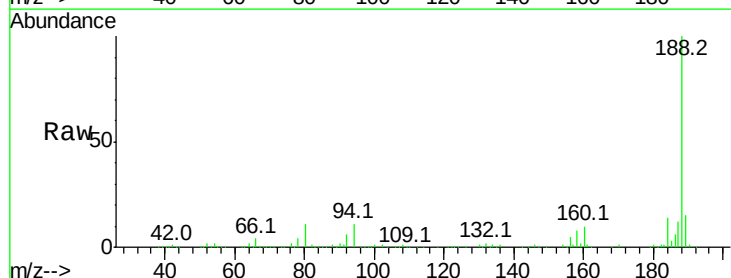
Tgt Ion:188 Resp: 242456

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

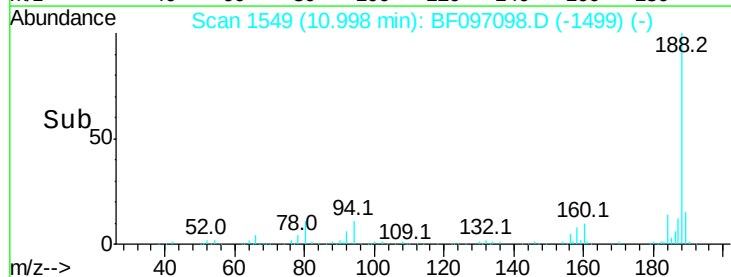
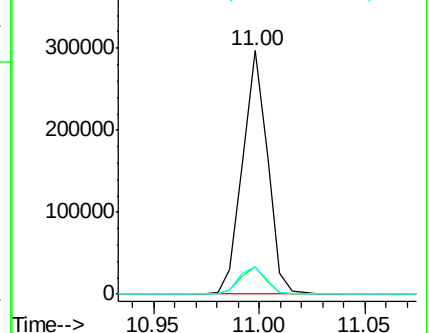
80 11.4 10.2 15.2

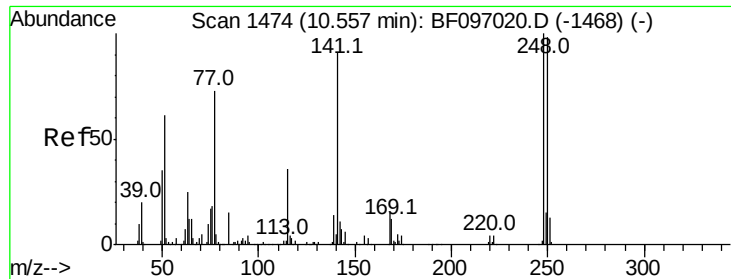


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

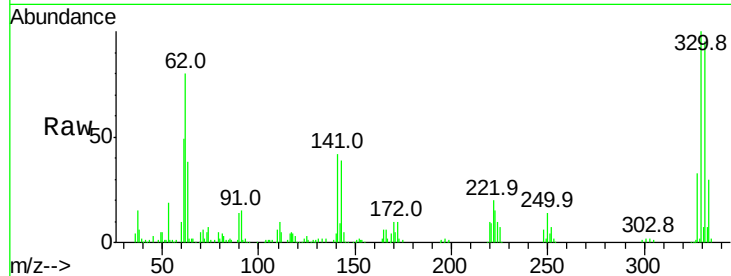




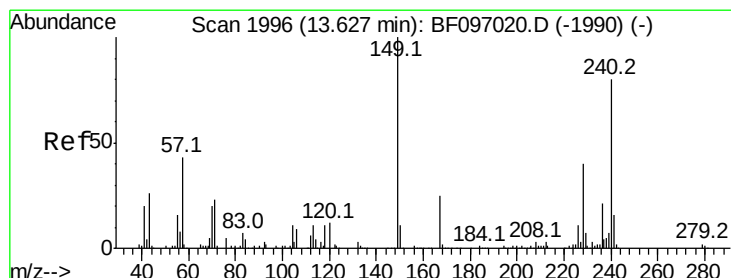
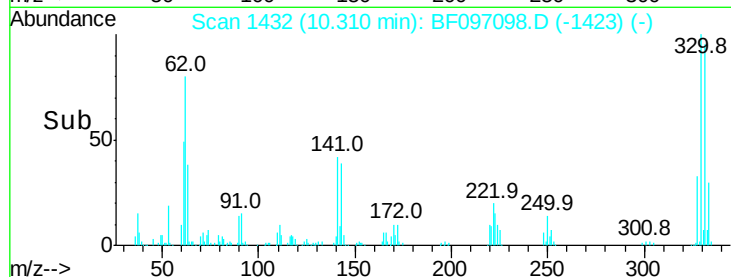
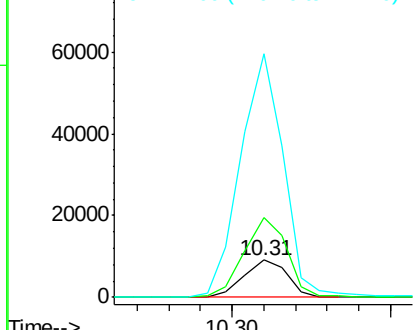
#66
4-Bromophenyl-phenylether
Concen: 3.536 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8557
Ion Ratio Lower Upper
248 100
250 216.9 76.8 115.2#
141 657.5 68.6 103.0#

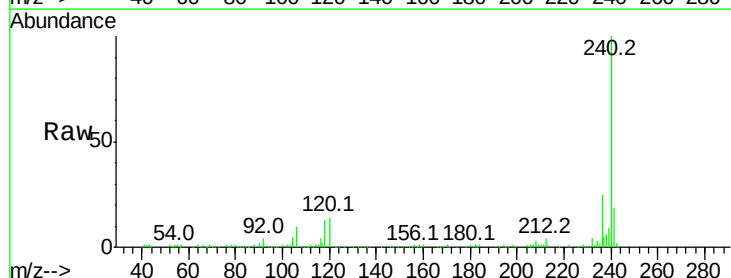


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

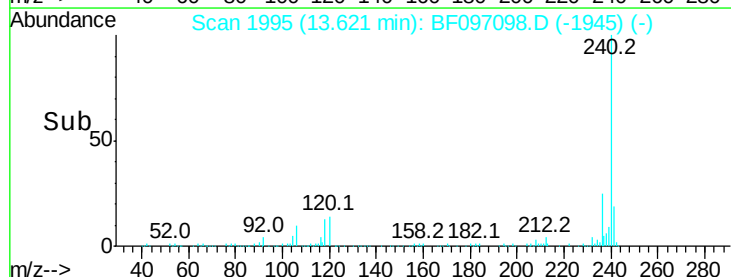
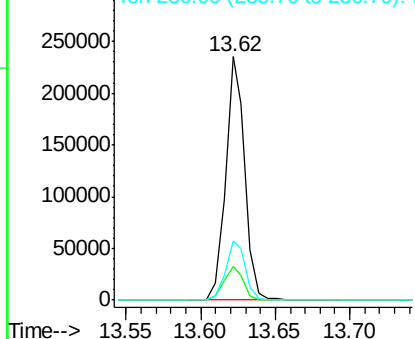


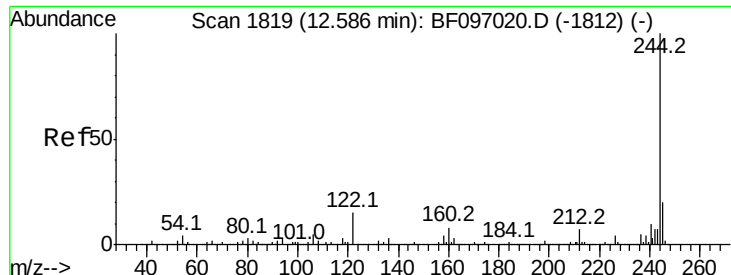
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097098.D
Acq: 27 Jul 2017 1:52

Tgt Ion:240 Resp: 211673
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 24.6 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: 51.295 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097098.D

Acq: 27 Jul 2017 1:52

Instrument :

BNA_F

ClientSampleId :

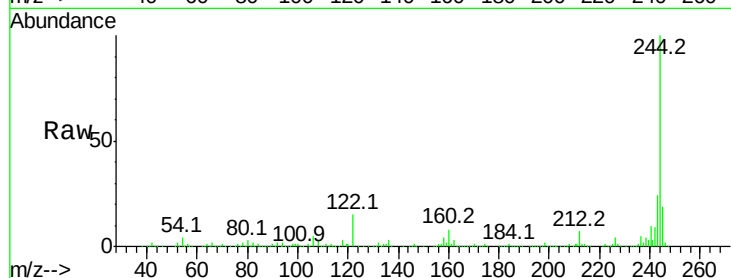
Tot Ion:244 Resp: 532538

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 14.8 10.3 15.5

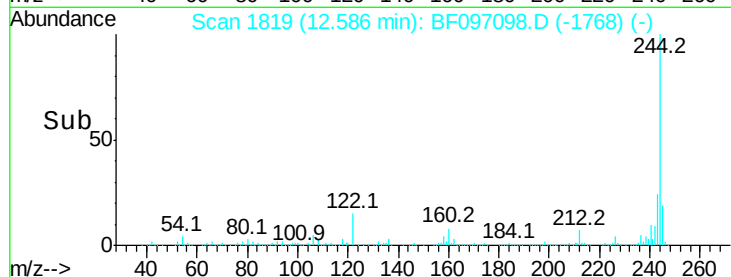


Abundance Ion 244.00 (243.70 to 244.70): E

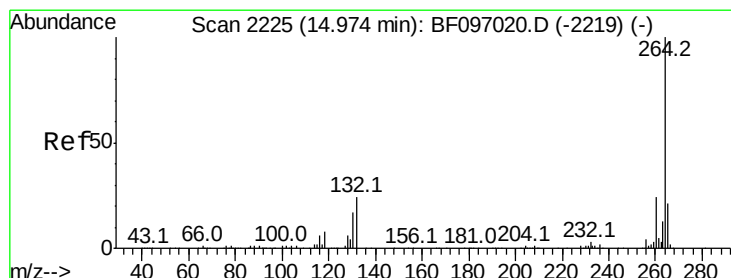
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.59



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097098.D

Acq: 27 Jul 2017 1:52

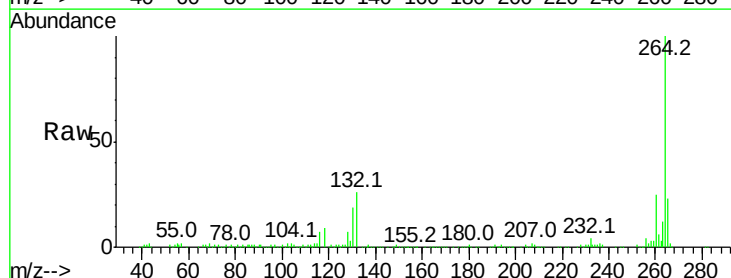
Tgt Ion:264 Resp: 175801

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.5 17.2 25.8

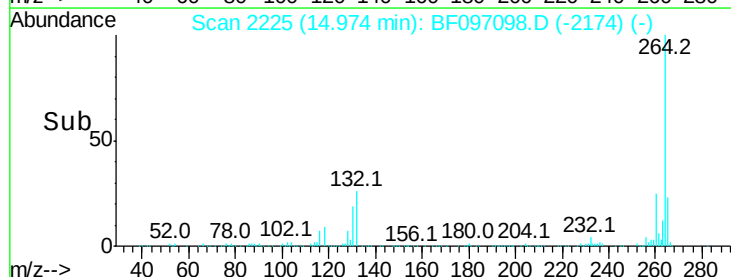


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

14.97



Time-->