

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097086.D
 Acq On : 26 Jul 2017 20:21
 Operator : SJ/JU
 Sample : I4400-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:18:54 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

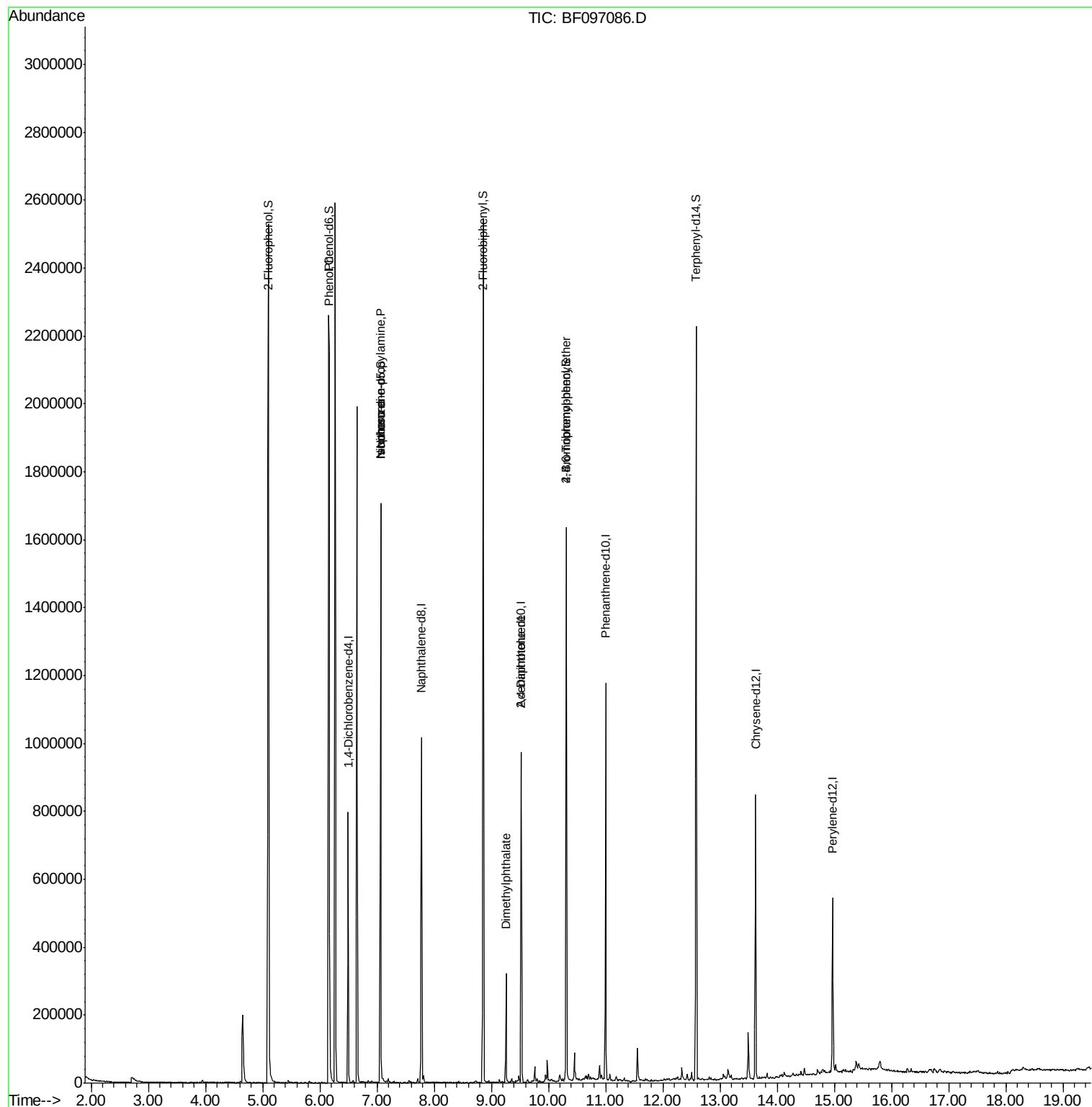
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109794	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	462370	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	202420	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	389342	20.00	ng	0.00
75) Chrysene-d12	13.62	240	269788	20.00	ng	0.00
86) Perylene-d12	14.97	264	203351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	755156	103.68	ng	0.00
7) Phenol-d6	6.16	99	877231	105.50	ng	-0.01
23) Nitrobenzene-d5	7.06	82	510853	64.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	185862	116.21	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	836410	70.12	ng	-0.01
78) Terphenyl-d14	12.59	244	715493	54.07	ng	0.00
Target Compounds						
10) Phenol	6.17	94	40302	4.086	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	67910	12.408	ng	# 82
25) Isophorone	7.06	82	507131	32.855	ng	# 67
49) Dimethylphthalate	9.26	163	124933	8.128	ng	99
56) 2,4-Dinitrotoluene	9.52	165	25537	6.814	ng	# 32
66) 4-Bromophenyl-phenylether	10.31	248	11760	3.027	ng	# 1

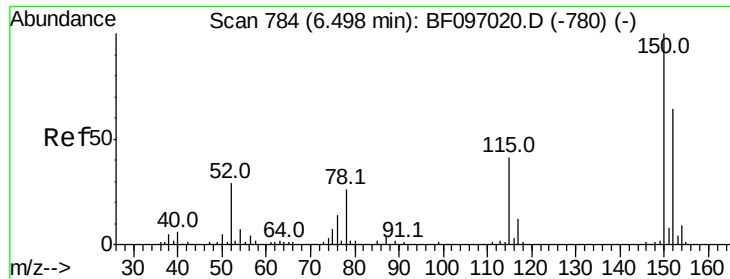
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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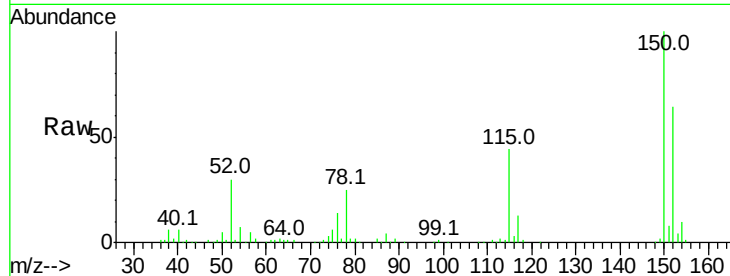


#1

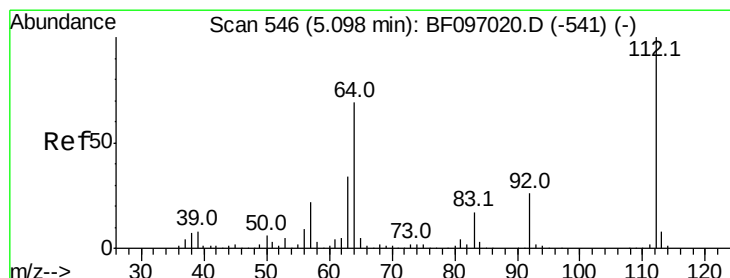
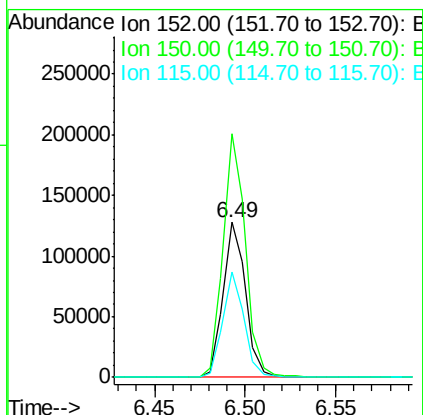
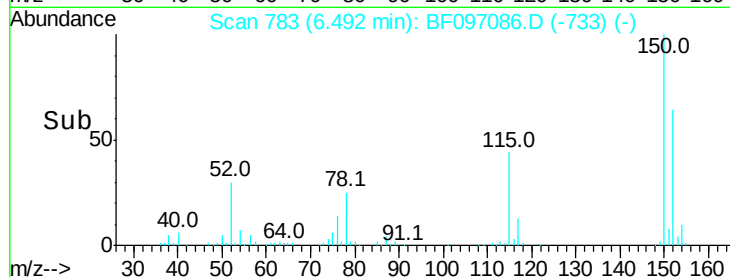
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097086.D
 Acq: 26 Jul 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 109794
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 68.5 52.2 78.2



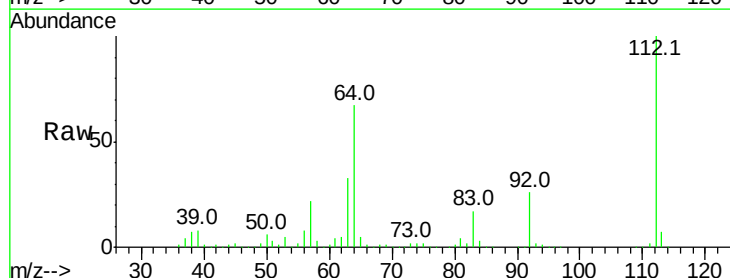
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



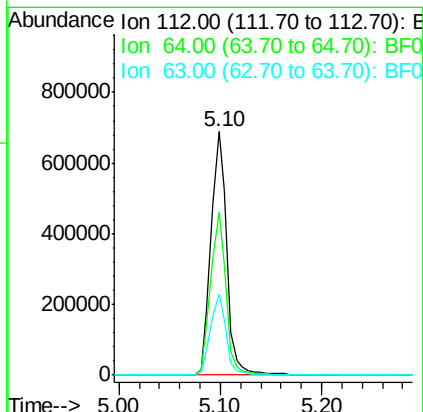
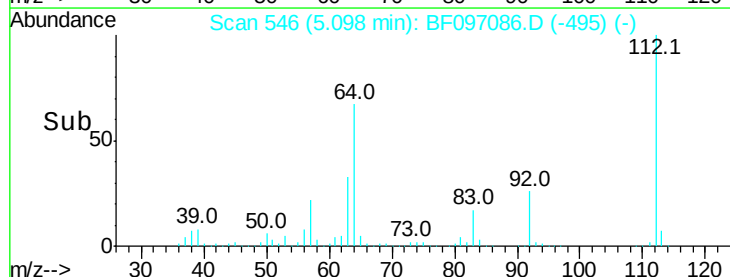
#5

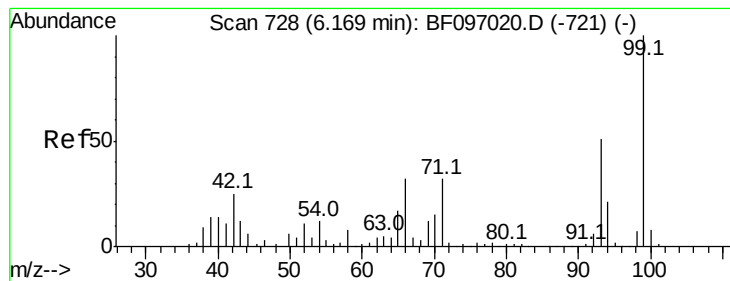
2-Fluorophenol
 Concen: 103.684 ng
 RT: 5.10 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF097086.D
 Acq: 26 Jul 2017 20:21

Tgt Ion:112 Resp: 755156
 Ion Ratio Lower Upper
 112 100
 64 66.9 46.0 69.0
 63 33.3 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: 105.504 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097086.D

Acq: 26 Jul 2017 20:21

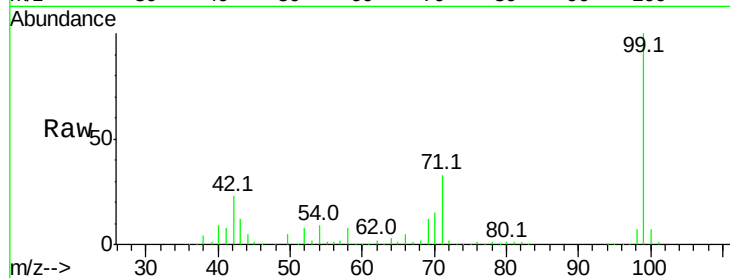
Instrument :

BNA_F

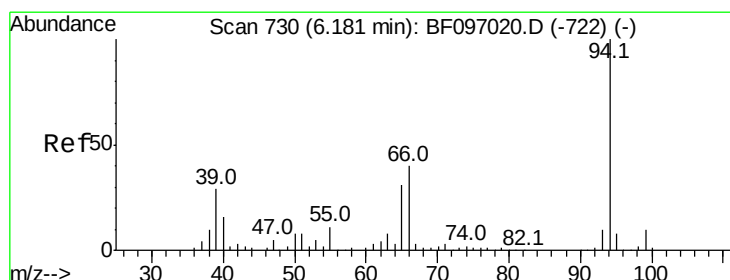
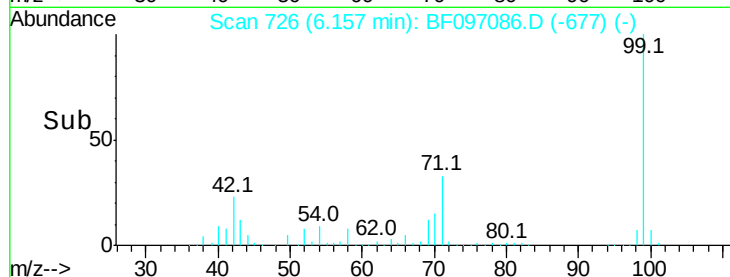
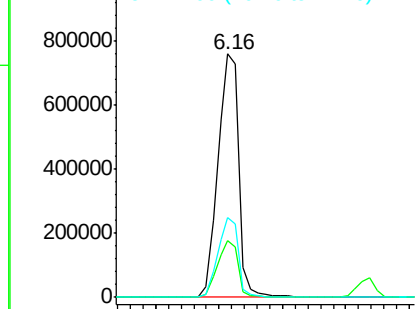
ClientSampled :

Tot Ion: 99 Resp: 877231

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	32.5	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



#10

Phenol

Concen: 4.086 ng

RT: 6.17 min Scan# 728

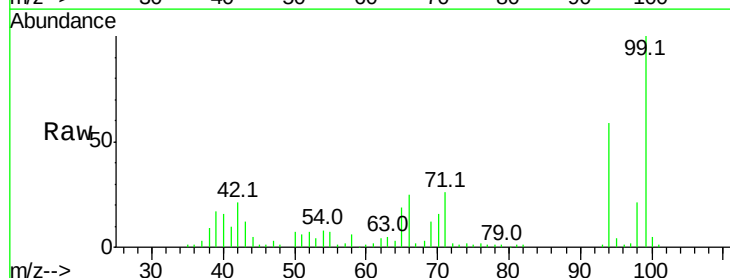
Delta R.T. -0.01 min

Lab File: BF097086.D

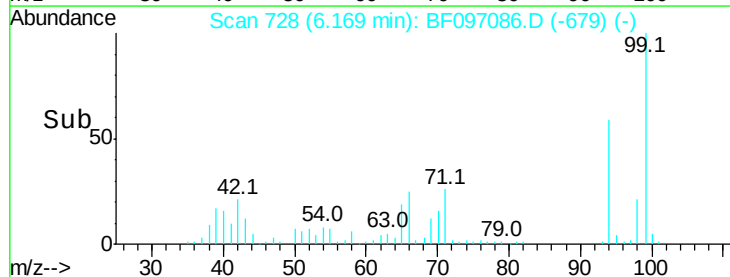
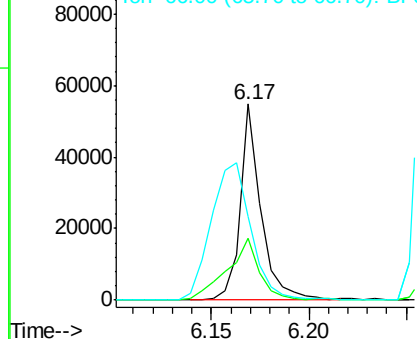
Acq: 26 Jul 2017 20:21

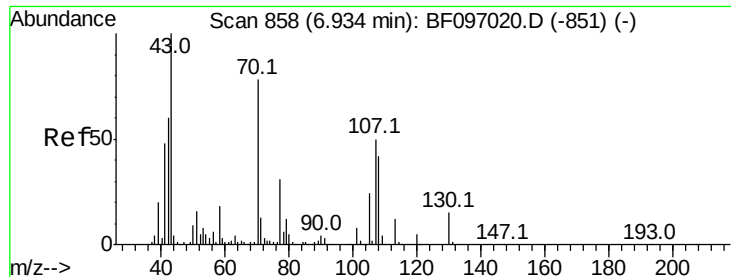
Tgt Ion: 94 Resp: 40302

Ion	Ratio	Lower	Upper
94	100		
65	31.7	9.9	49.9
66	42.4	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

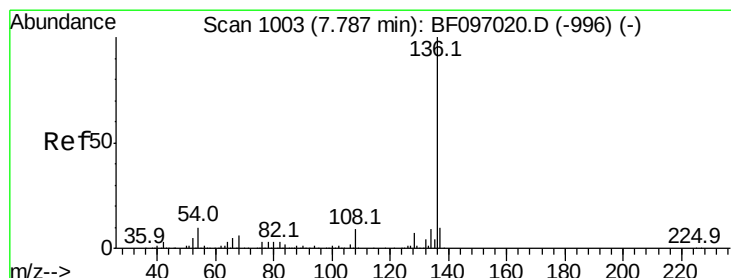
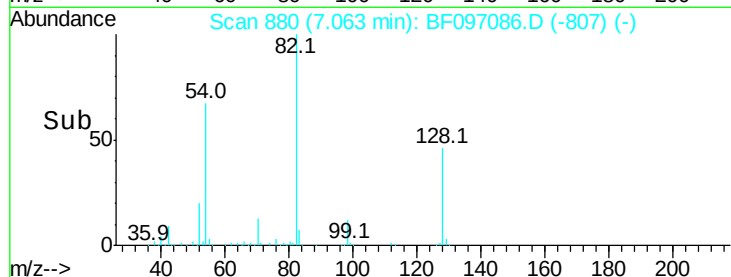
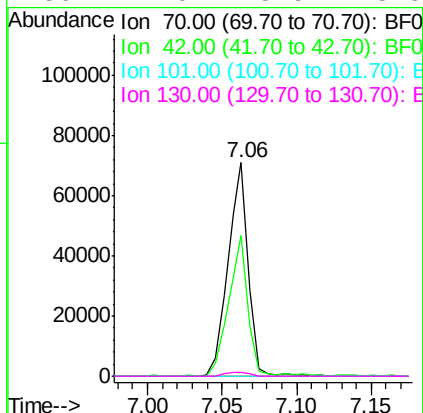
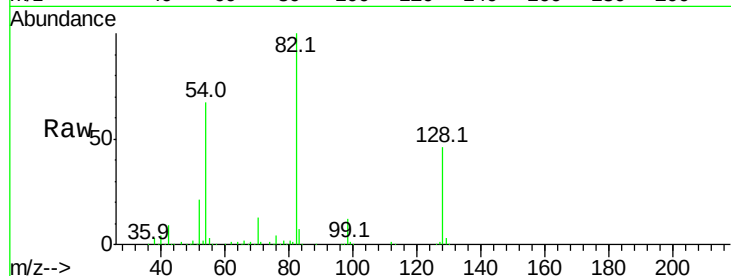




#19
n-Nitroso-di-n-propylamine
Concen: 12.408 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097086.D
Acq: 26 Jul 2017 20:21

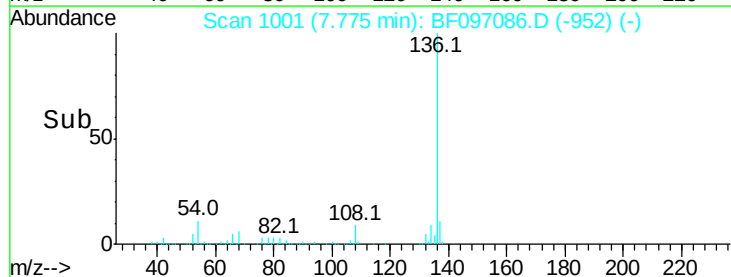
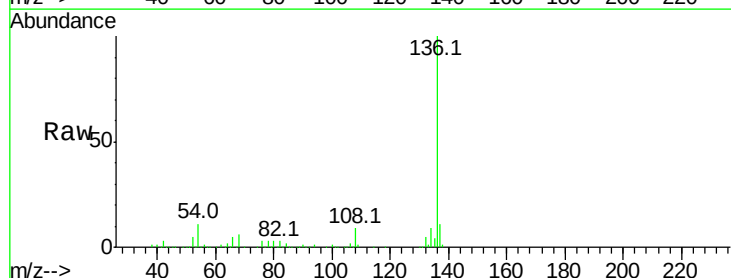
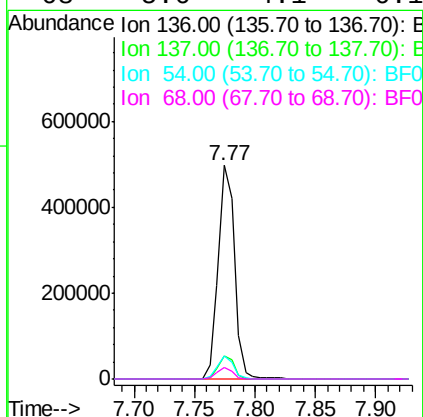
Instrument :
BNA_F
ClientSampleId :

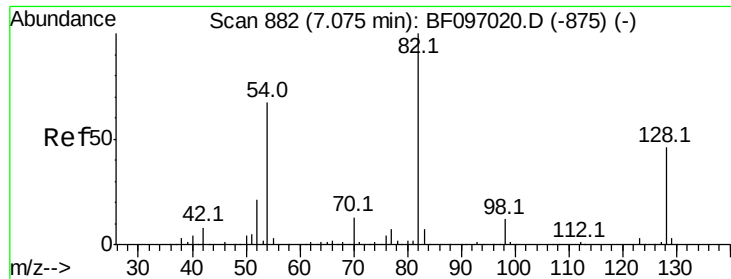
Tot Ion: 70 Resp: 67910
Ion Ratio Lower Upper
70 100
42 66.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097086.D
Acq: 26 Jul 2017 20:21

Tgt Ion:136 Resp: 462370
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.1 4.9 7.3#
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 64.815 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097086.D

Acq: 26 Jul 2017 20:21

Instrument :

BNA_F

ClientSampleId :

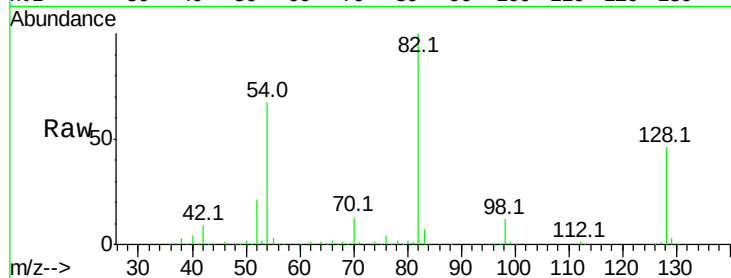
Tot Ion: 82 Resp: 510853

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

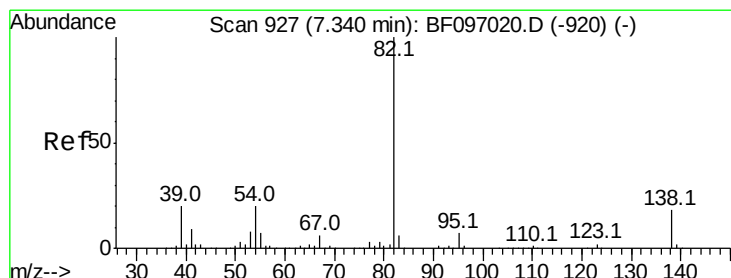
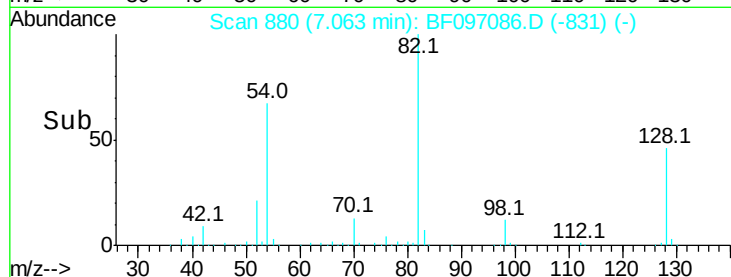
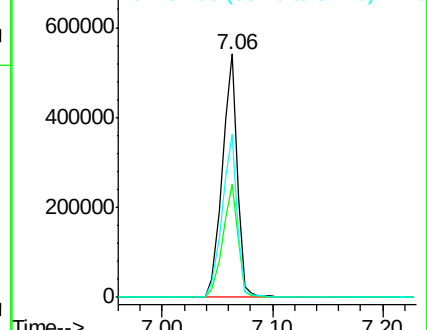
54 67.2 42.2 63.2#



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: 32.855 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF097086.D

Acq: 26 Jul 2017 20:21

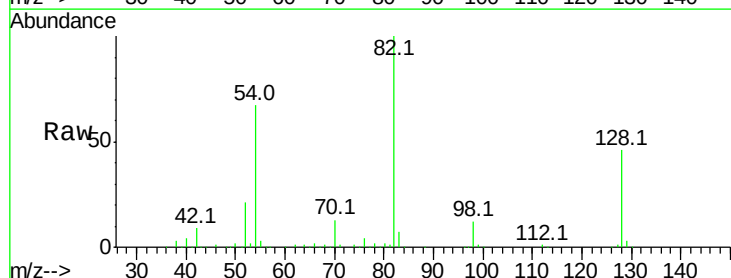
Tgt Ion: 82 Resp: 507131

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

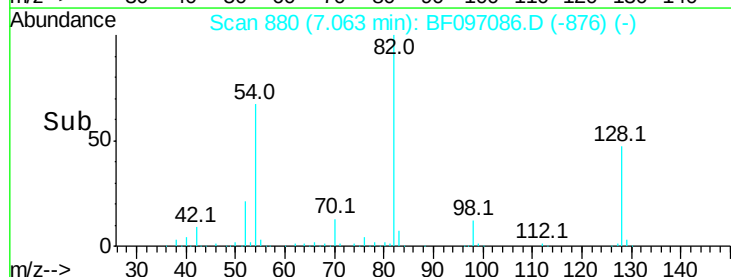
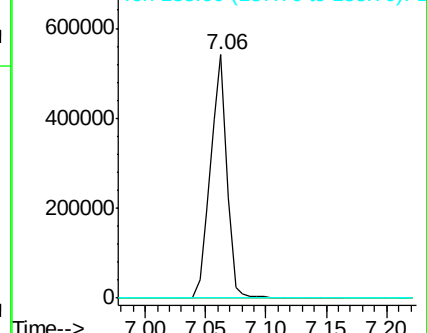
138 0.0 13.1 19.7#

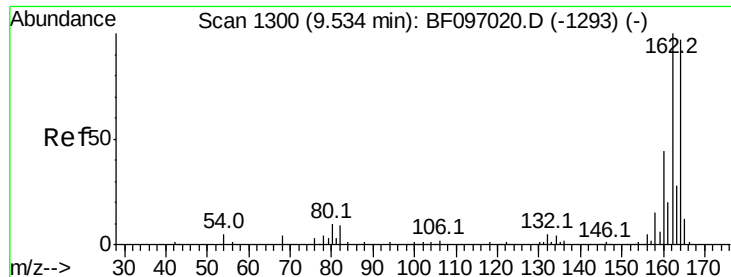


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

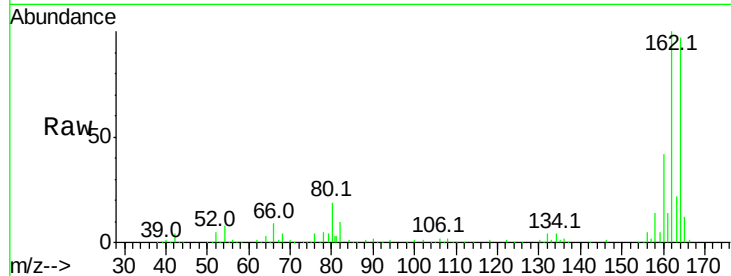




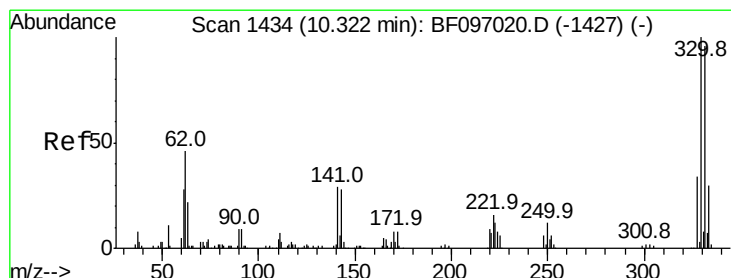
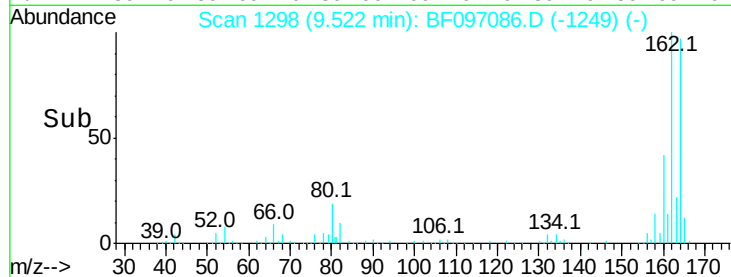
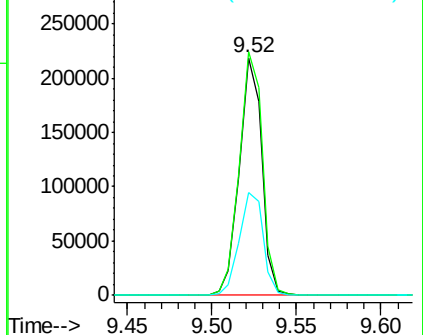
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097086.D
Acq: 26 Jul 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 202420
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 43.5 36.2 54.2

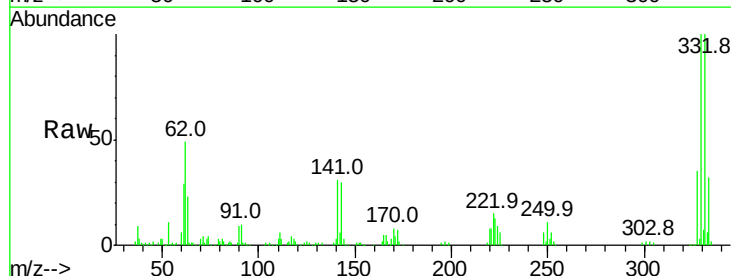


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

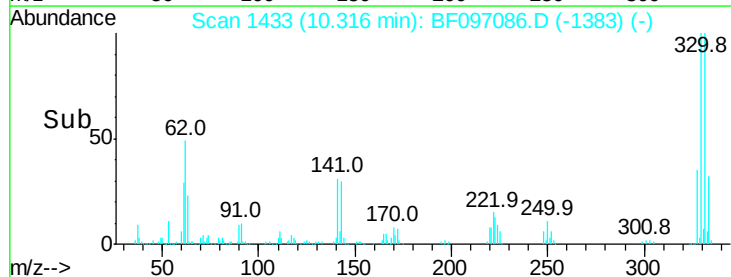
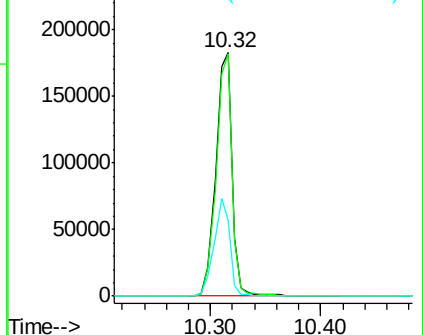


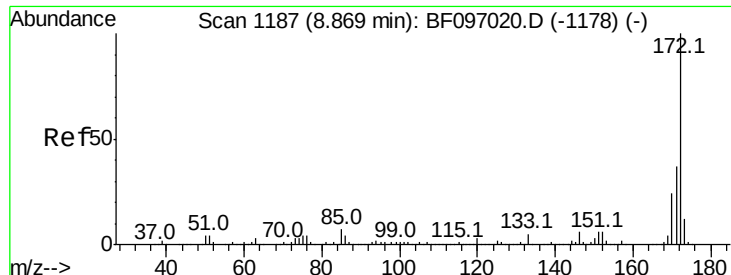
#41
2,4,6-Tribromophenol
Concen: 116.214 ng
RT: 10.32 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF097086.D
Acq: 26 Jul 2017 20:21

Tgt Ion:330 Resp: 185862
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 38.7 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

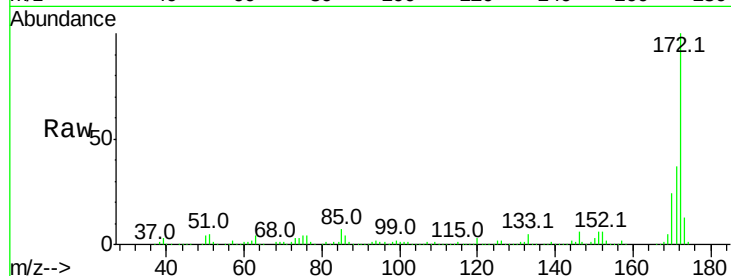




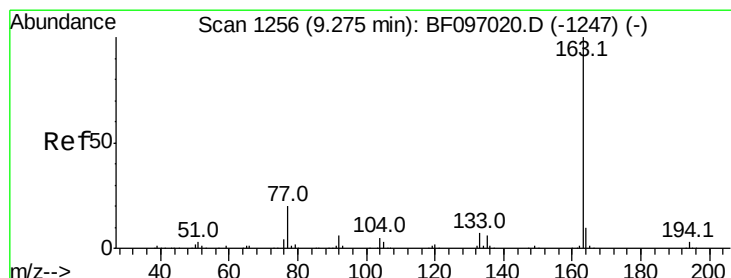
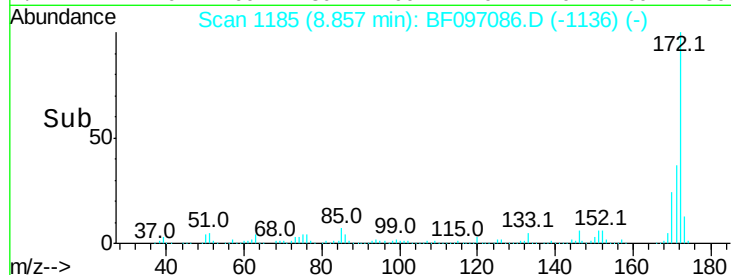
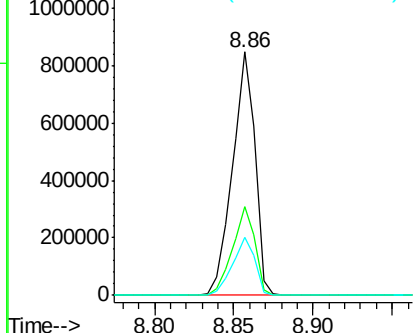
#44
2-Fluorobiphenyl
Concen: 70.125 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097086.D
Acq: 26 Jul 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 836410
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.8 19.8 29.8

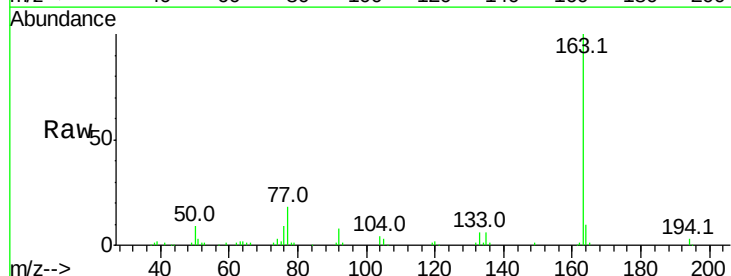


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

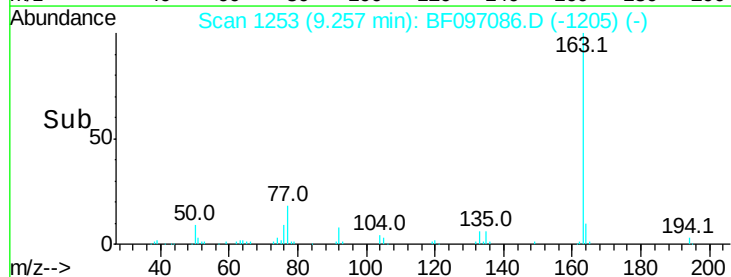
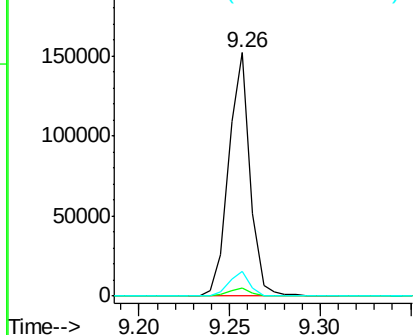


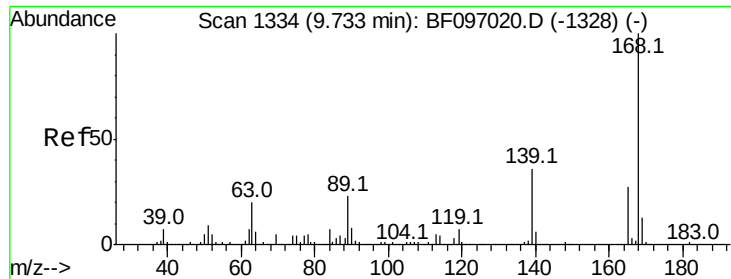
#49
Dimethylphthalate
Concen: 8.128 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097086.D
Acq: 26 Jul 2017 20:21

Tgt Ion:163 Resp: 124933
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 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

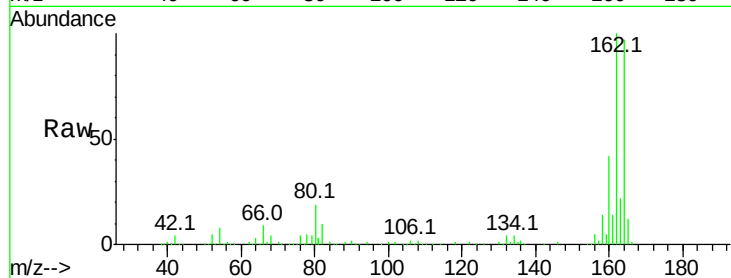




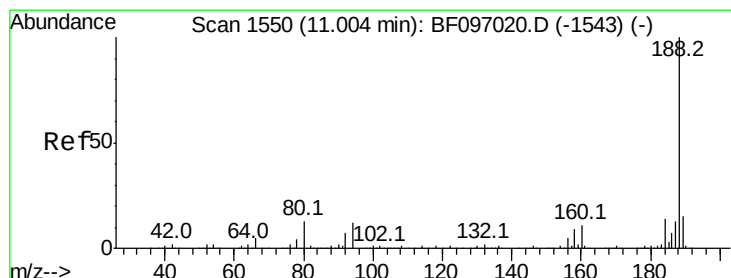
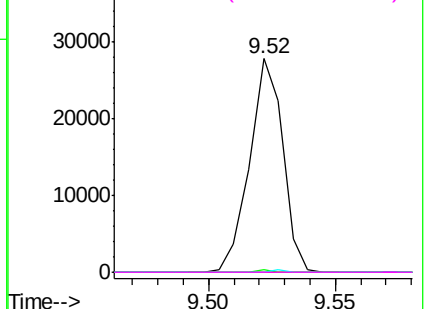
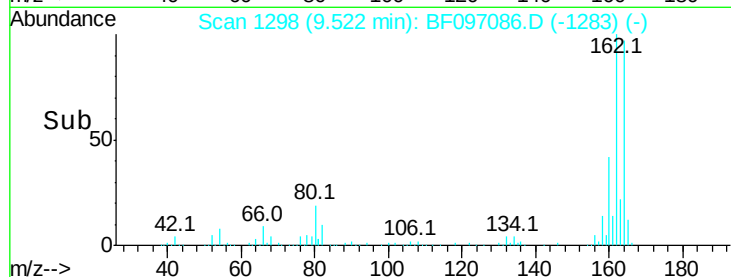
#56
 2,4-Dinitrotoluene
 Concen: 6.814 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF097086.D
 Acq: 26 Jul 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25537
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

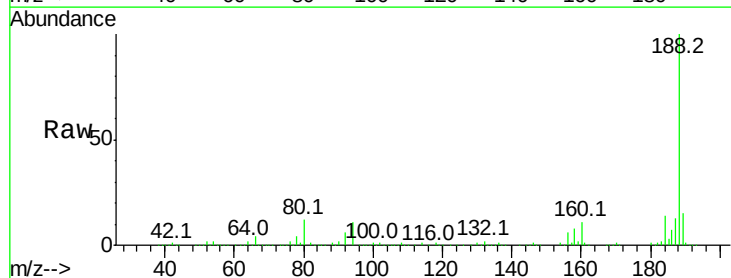


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

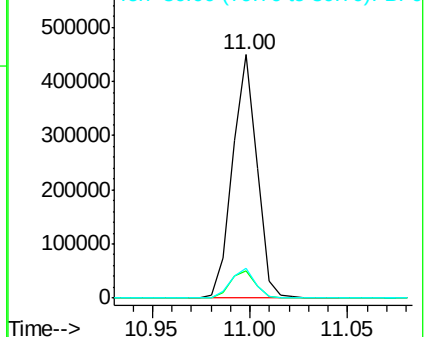
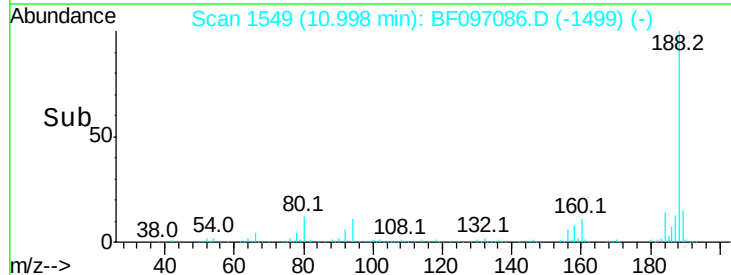


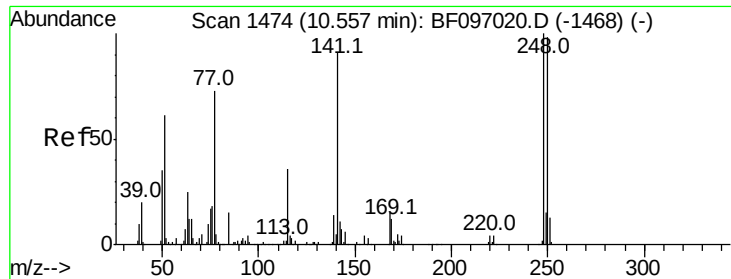
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097086.D
 Acq: 26 Jul 2017 20:21

Tgt Ion:188 Resp: 389342
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 12.1 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: 3.027 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.25 min

Lab File: BF097086.D

Acq: 26 Jul 2017 20:21

Instrument :

BNA_F

ClientSampled :

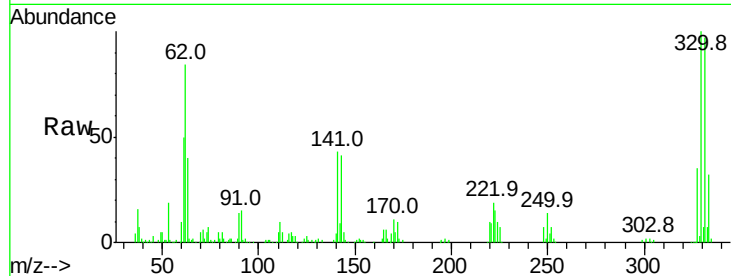
Tot Ion:248 Resp: 11760

Ion Ratio Lower Upper

248 100

250 205.5 76.8 115.2#

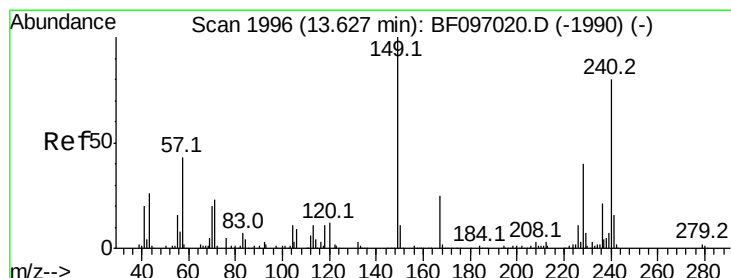
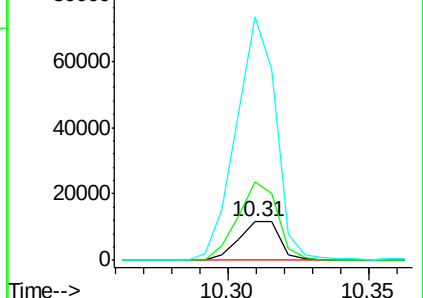
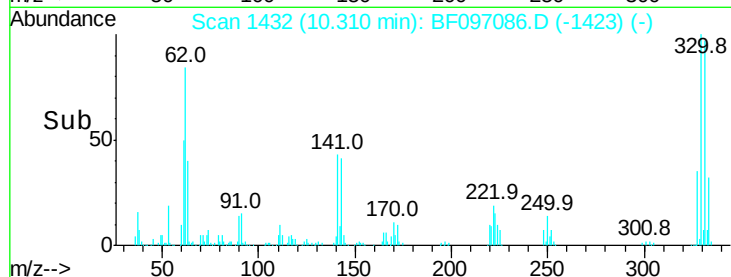
141 633.5 68.6 103.0#



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: BF097086.D

Acq: 26 Jul 2017 20:21

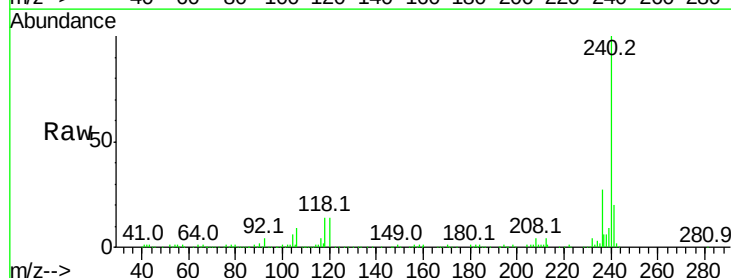
Tgt Ion:240 Resp: 269788

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

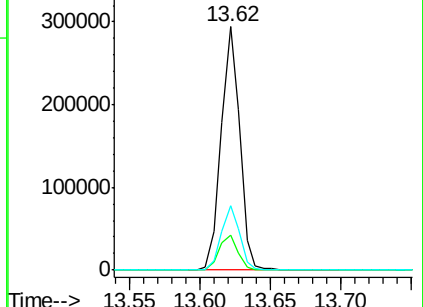
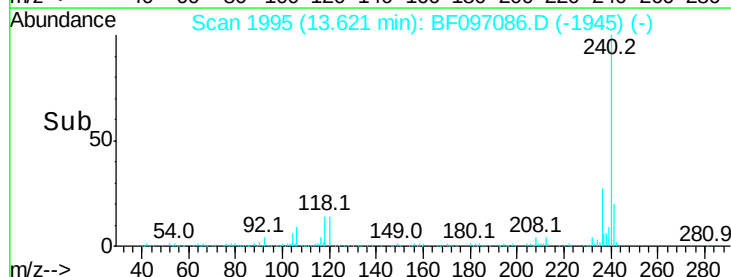
236 26.6 20.5 30.7

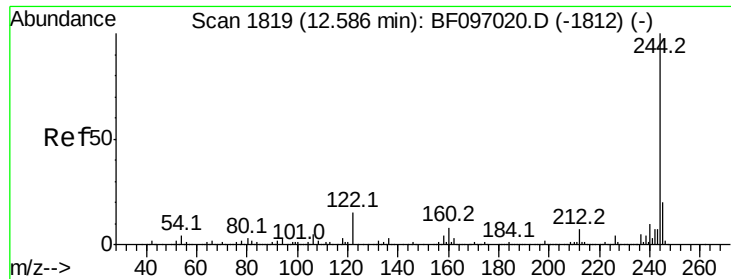


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.072 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097086.D

Acq: 26 Jul 2017 20:21

Instrument :

BNA_F

ClientSampleId :

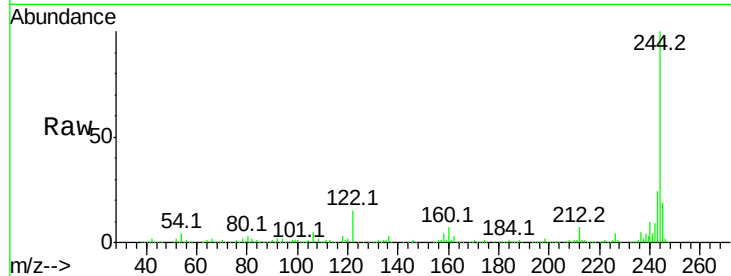
Tot Ion:244 Resp: 715493

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

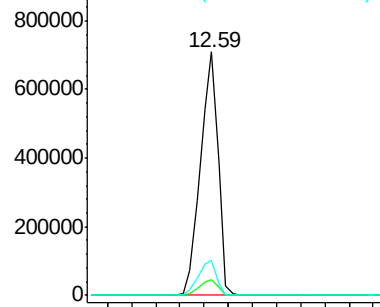
122 14.6 10.3 15.5



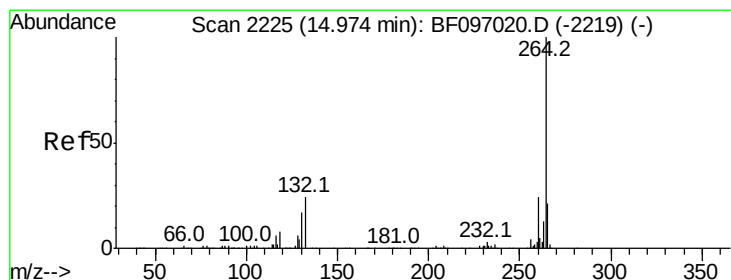
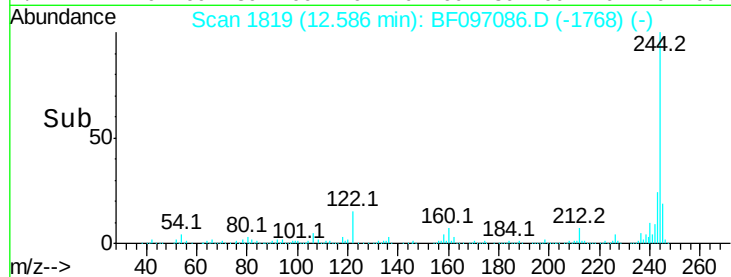
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097086.D

Acq: 26 Jul 2017 20:21

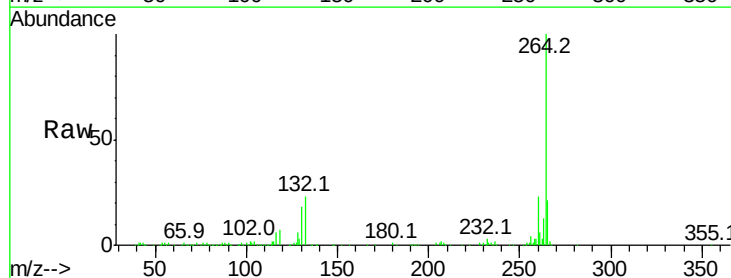
Tgt Ion:264 Resp: 203351

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

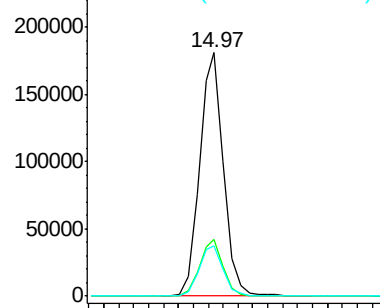
265 20.9 17.2 25.8



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



Time-->

