

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097096.D
 Acq On : 27 Jul 2017 00:56
 Operator : SJ/JU
 Sample : I4359-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:21:02 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

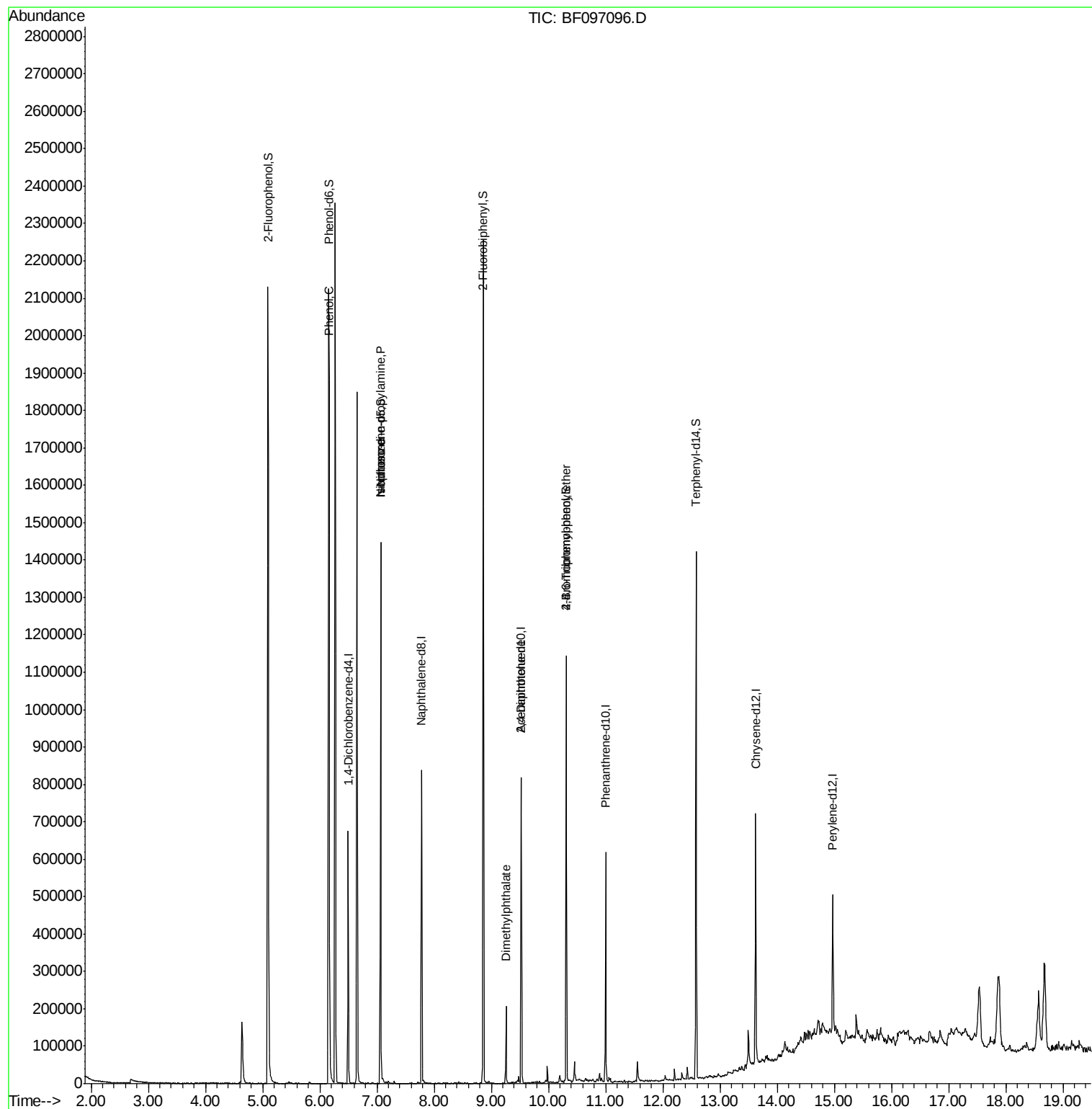
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102034	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	381584	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	157433	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	205049	20.00	ng	0.00
75) Chrysene-d12	13.62	240	205548	20.00	ng	0.00
86) Perylene-d12	14.97	264	142606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	635797	93.94	ng	0.00
7) Phenol-d6	6.16	99	792840	102.61	ng	-0.01
23) Nitrobenzene-d5	7.06	82	419646	64.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	115595	92.93	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	691959	74.59	ng	-0.01
78) Terphenyl-d14	12.59	244	445357	44.18	ng	0.00
Target Compounds						
10) Phenol	6.17	94	26536	2.895	ng	94
19) n-Nitroso-di-n-propylamine	7.06	70	55737	10.959	ng	# 88
25) Isophorone	7.06	82	413074	32.427	ng	# 67
49) Dimethylphthalate	9.26	163	81106	6.784	ng	99
56) 2,4-Dinitrotoluene	9.52	165	19714	6.763	ng	# 31
66) 4-Bromophenyl-phenylether	10.31	248	7233	3.535	ng	# 1

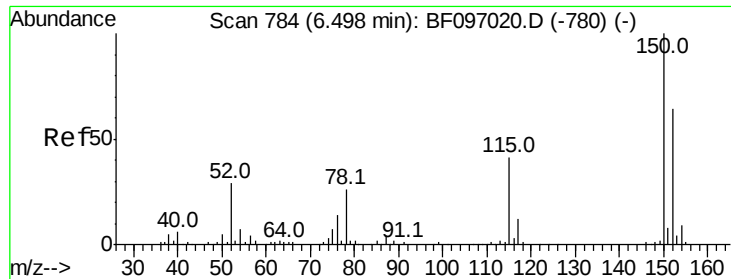
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

Quant Time: Jul 27 08:21:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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QLast Update : Tue Jul 25 14:11:51 2017
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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: BF097096.D

Acq: 27 Jul 2017 00:56

Instrument :

BNA_F

ClientSampled :

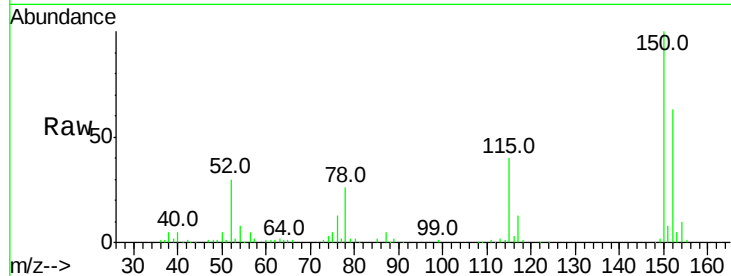
Tot Ion:152 Resp: 102034

Ion Ratio Lower Upper

152 100

150 158.1 126.2 189.2

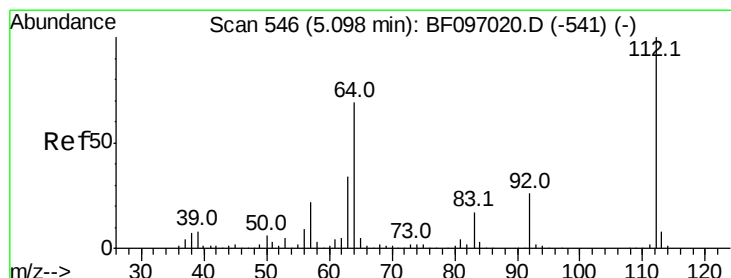
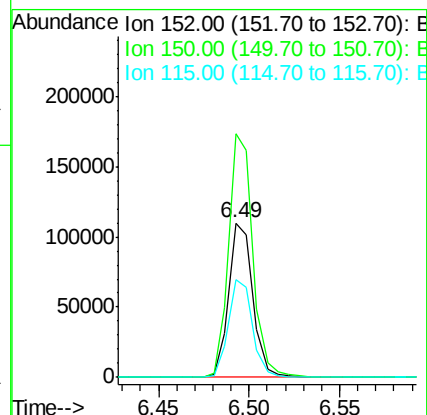
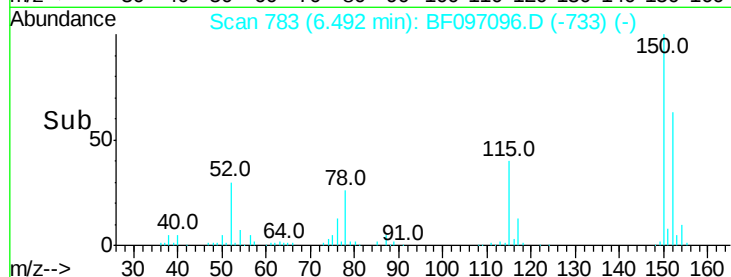
115 63.1 52.2 78.2



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: 93.935 ng

RT: 5.09 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF097096.D

Acq: 27 Jul 2017 00:56

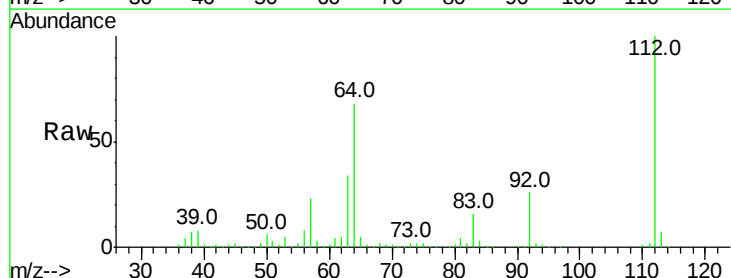
Tgt Ion:112 Resp: 635797

Ion Ratio Lower Upper

112 100

64 67.7 46.0 69.0

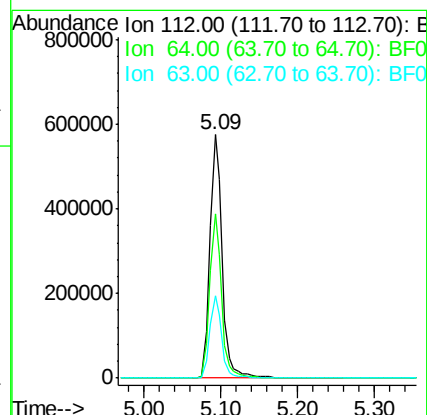
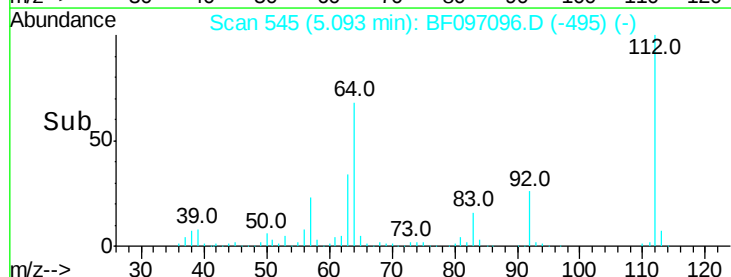
63 33.7 23.4 35.0

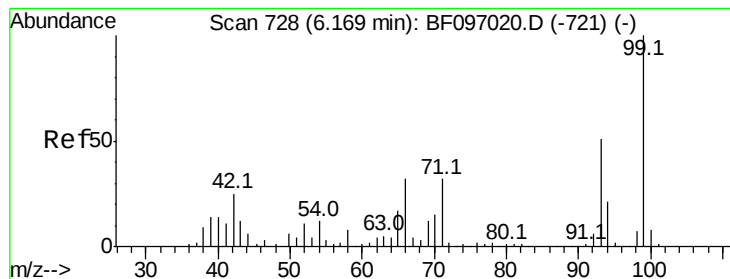


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.606 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097096.D

Acq: 27 Jul 2017 00:56

Instrument :

BNA_F

ClientSampled :

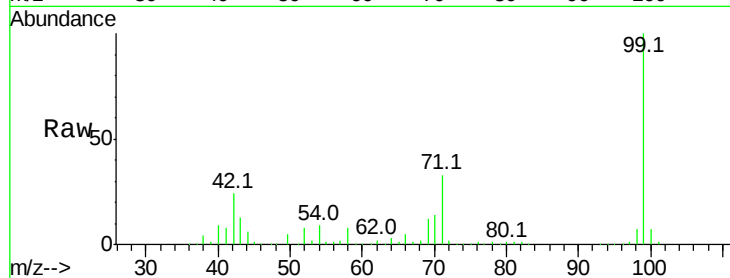
Tot Ion: 99 Resp: 792840

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

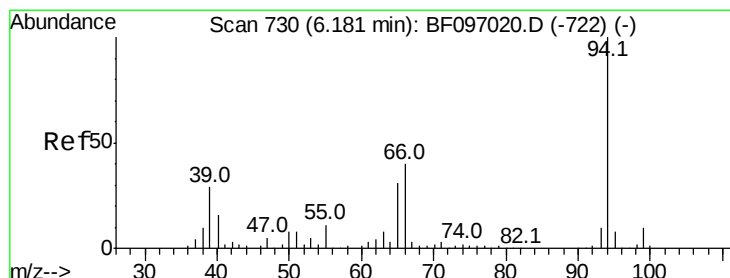
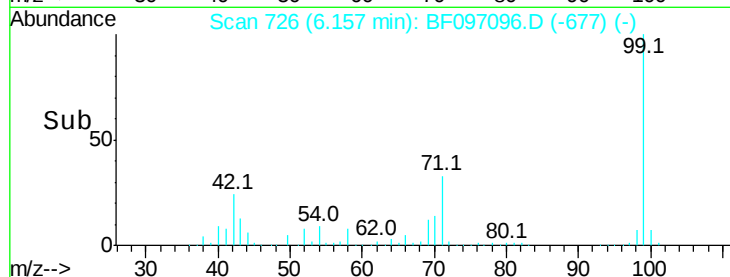
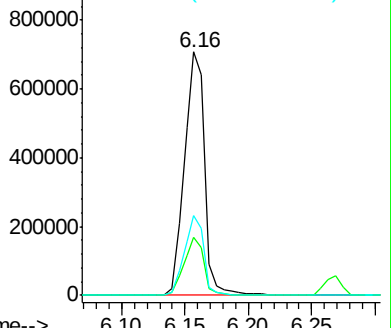
71 32.8 24.5 36.7



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: 2.895 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097096.D

Acq: 27 Jul 2017 00:56

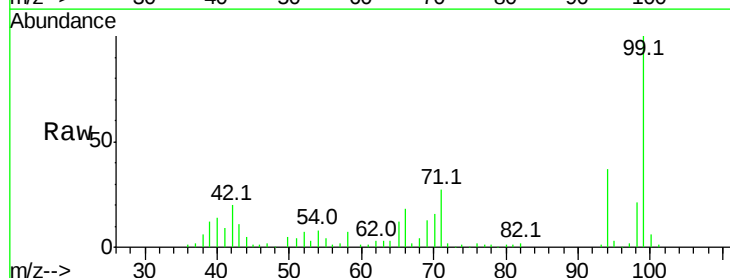
Tgt Ion: 94 Resp: 26536

Ion Ratio Lower Upper

94 100

65 33.2 9.9 49.9

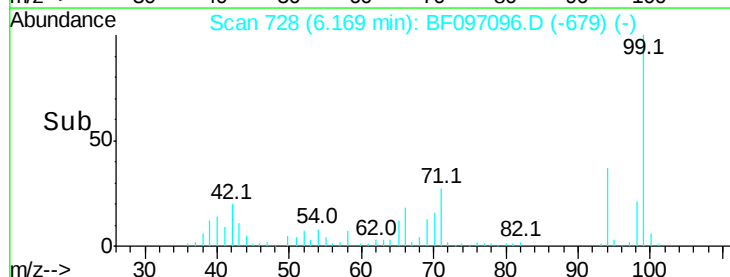
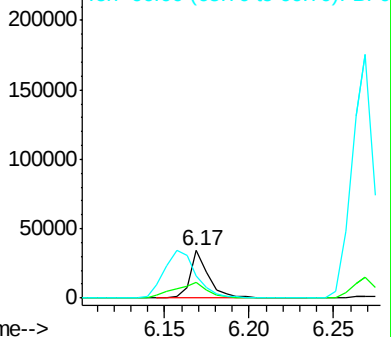
66 47.3 23.1 63.1

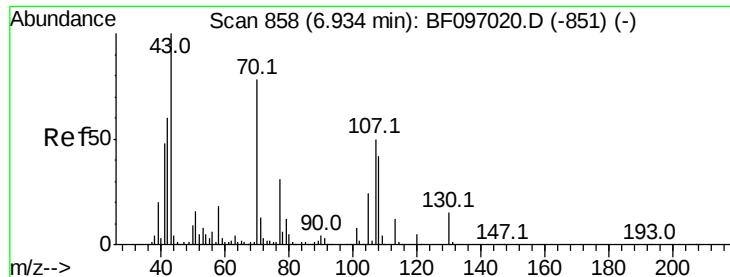


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

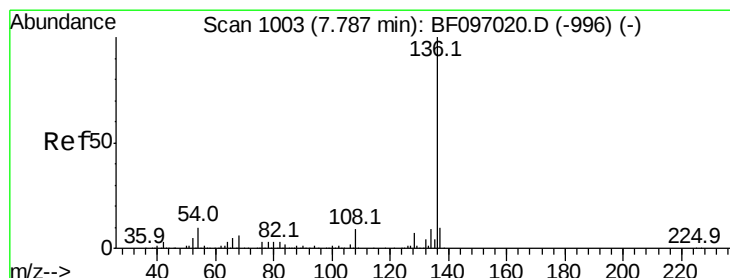
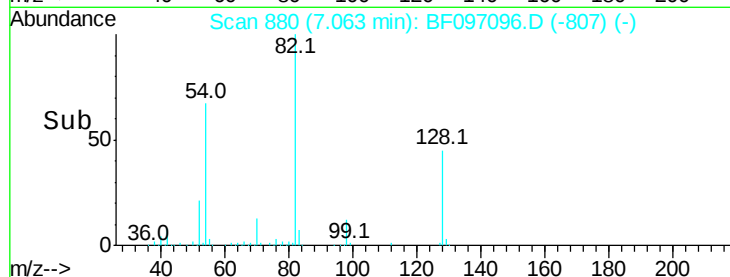
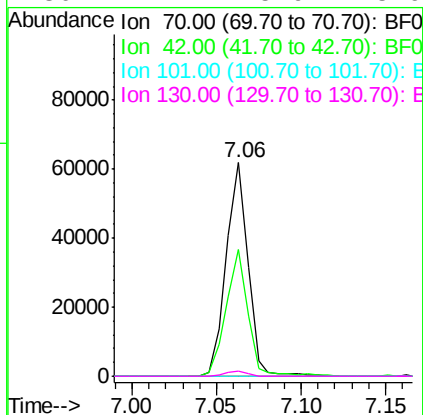
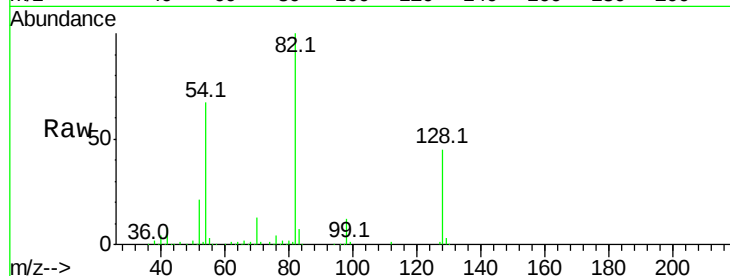




#19
n-Nitroso-di-n-propylamine
Concen: 10.959 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097096.D
Acq: 27 Jul 2017 00:56

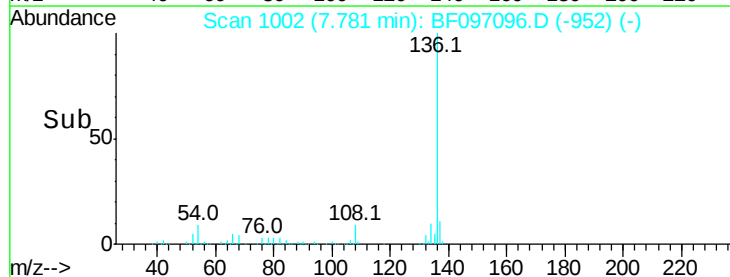
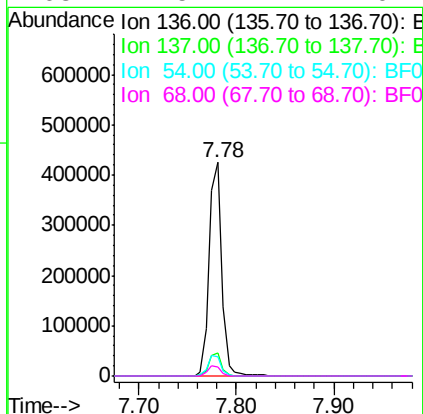
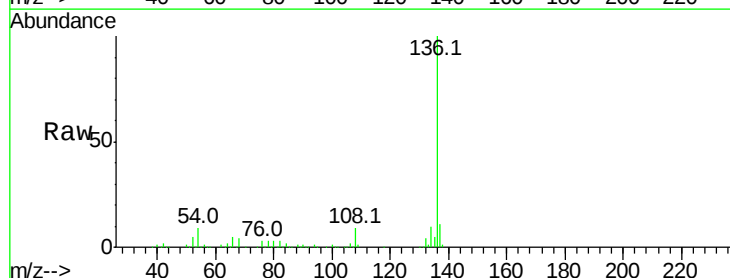
Instrument :
BNA_F
ClientSampled :

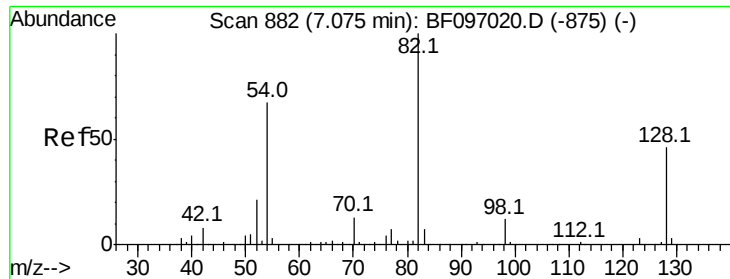
Tot Ion: 70 Resp: 55737
Ion Ratio Lower Upper
70 100
42 59.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097096.D
Acq: 27 Jul 2017 00:56

Tgt Ion:136 Resp: 381584
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.2 4.9 7.3#
68 4.5 4.1 6.1

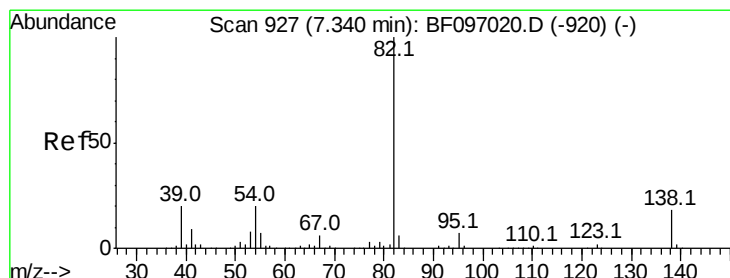
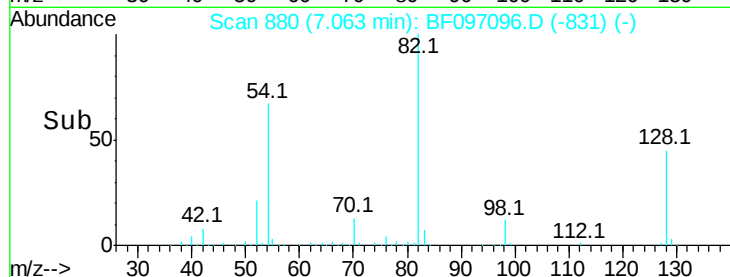
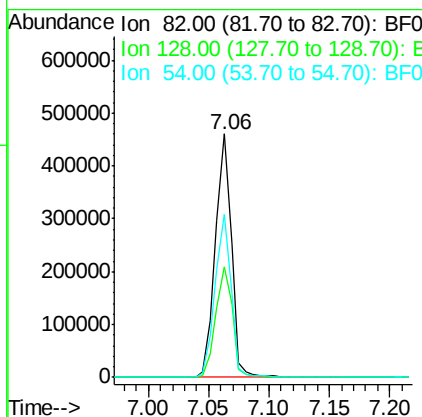
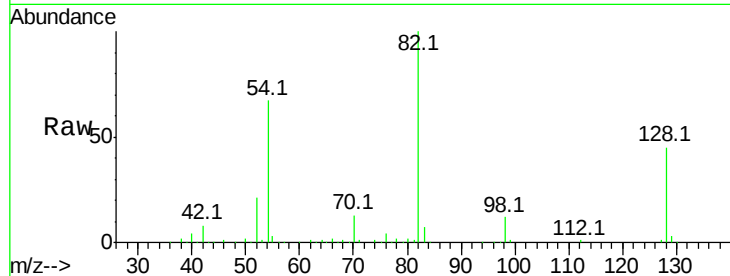




#23
 Nitrobenzene-d5
 Concen: 64.516 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097096.D
 Acq: 27 Jul 2017 00:56

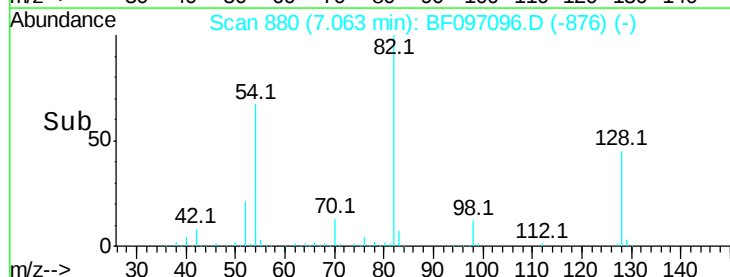
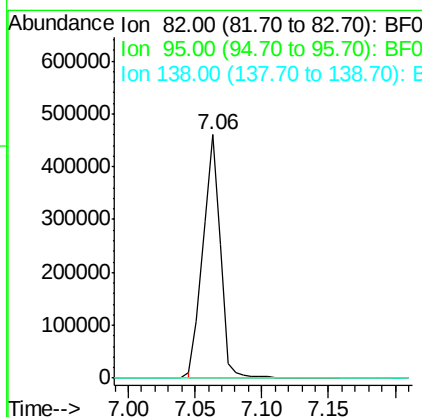
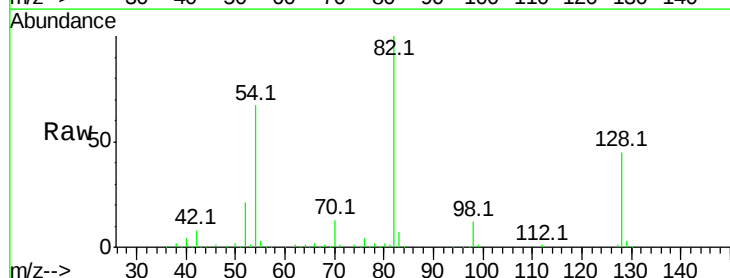
Instrument :
 BNA_F
 ClientSampleID :

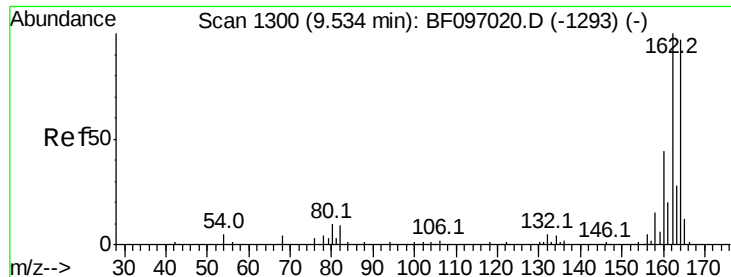
Tot Ion	82	Resp	419646
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.0	51.0
54	66.8	42.2	63.2#



#25
 Isophorone
 Concen: 32.427 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF097096.D
 Acq: 27 Jul 2017 00:56

Tgt Ion	82	Resp	413074
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

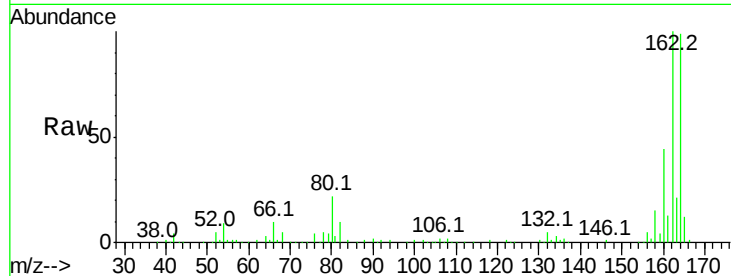




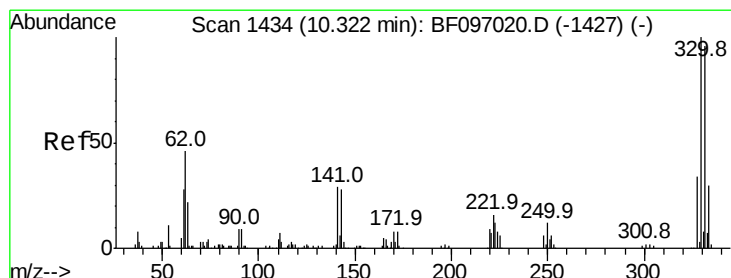
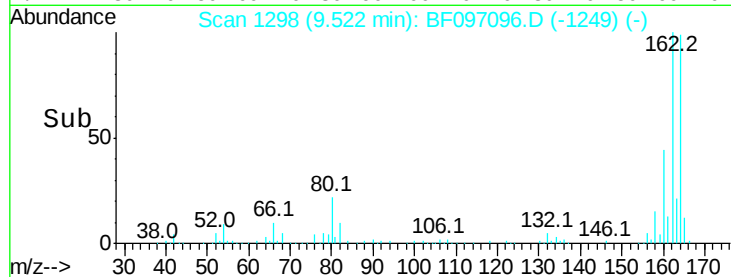
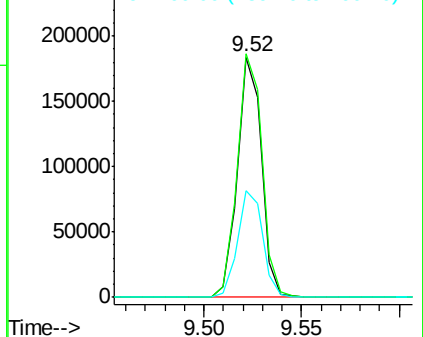
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF097096.D
 Acq: 27 Jul 2017 00:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 157433
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 44.5 36.2 54.2

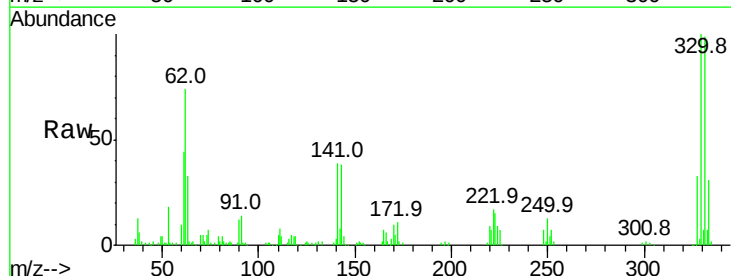


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

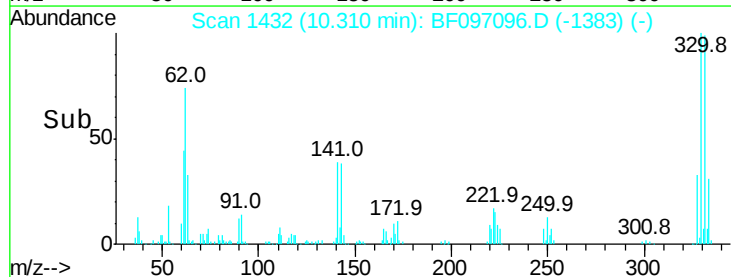
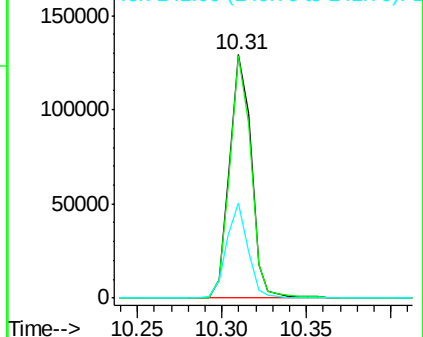


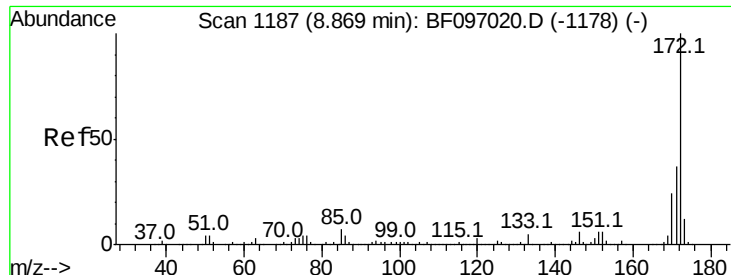
#41
 2,4,6-Tribromophenol
 Concen: 92.932 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097096.D
 Acq: 27 Jul 2017 00:56

Tgt Ion:330 Resp: 115595
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 38.3 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

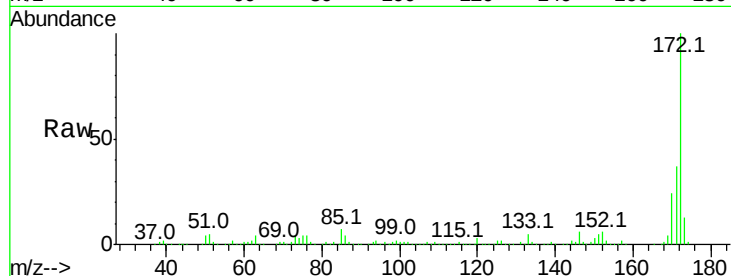




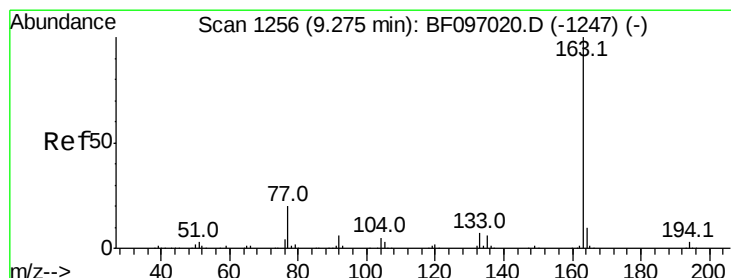
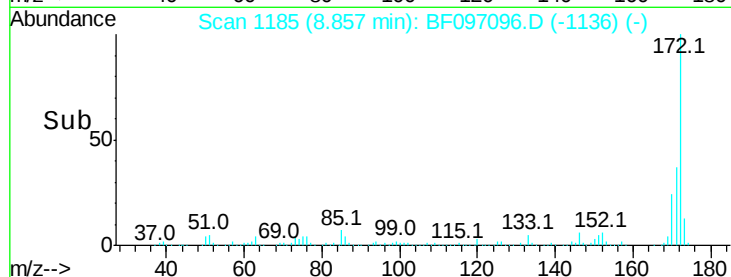
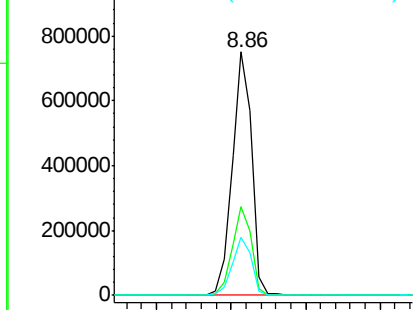
#44
2-Fluorobiphenyl
Concen: 74.592 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097096.D
Acq: 27 Jul 2017 00:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.0	19.8	29.8

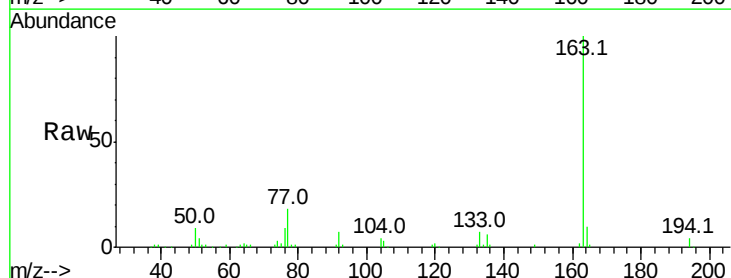


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

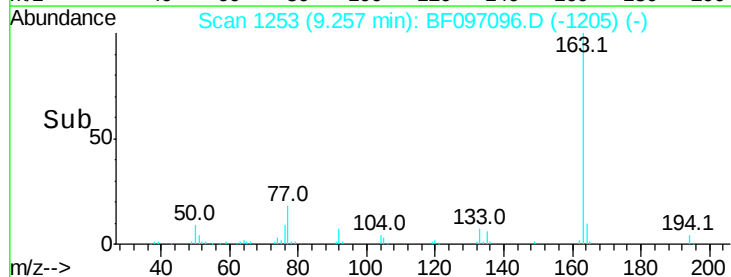
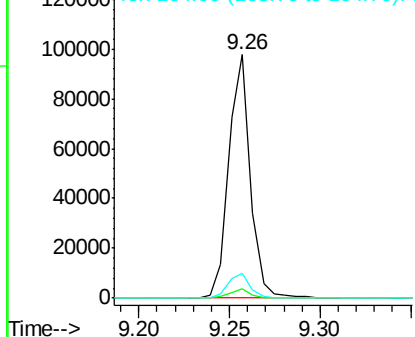


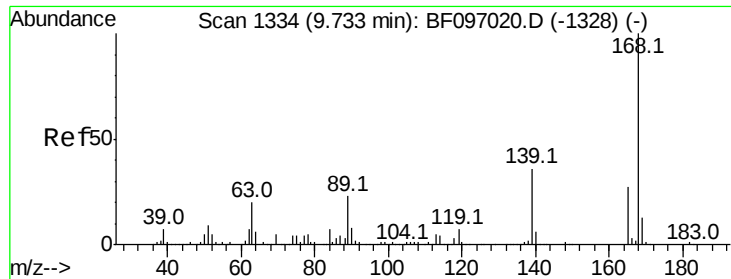
#49
Dimethylphthalate
Concen: 6.784 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097096.D
Acq: 27 Jul 2017 00:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	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

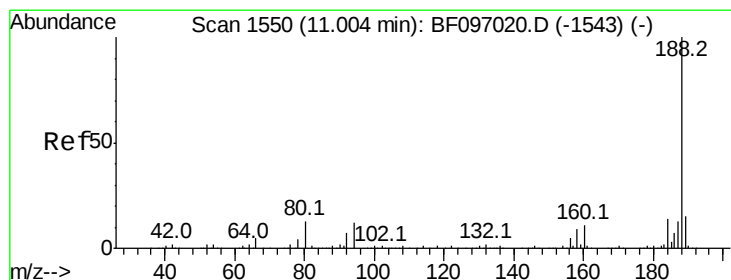
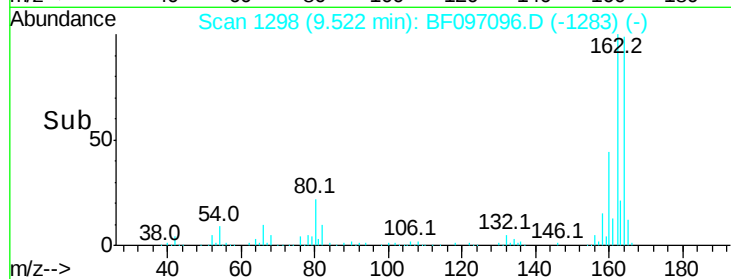
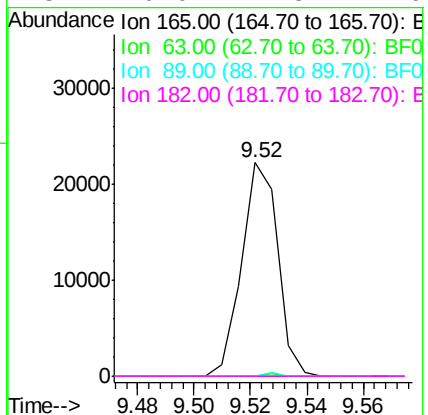
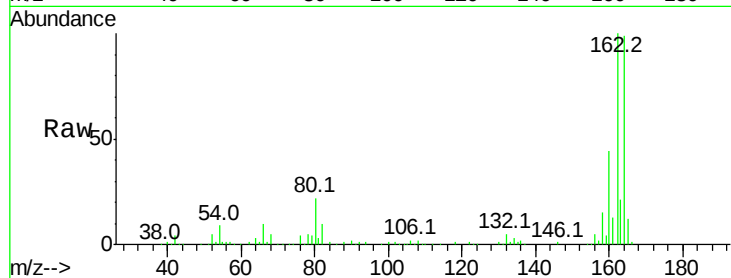




#56
 2,4-Dinitrotoluene
 Concen: 6.763 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF097096.D
 Acq: 27 Jul 2017 00:56

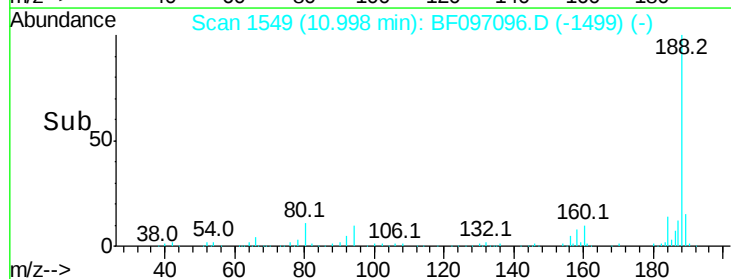
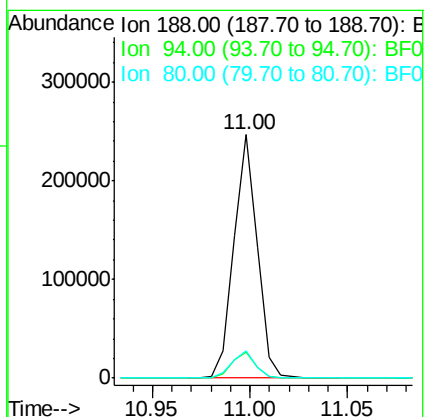
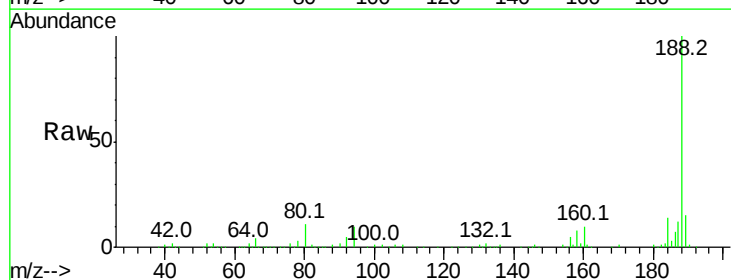
Instrument :
 BNA_F
 ClientSampleId :

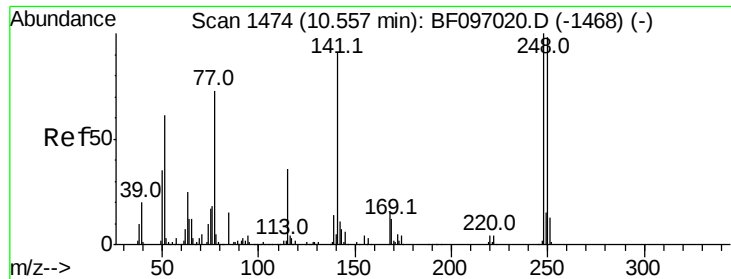
Tot Ion:165 Resp: 19714
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097096.D
 Acq: 27 Jul 2017 00:56

Tgt Ion:188 Resp: 205049
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.4 10.2 15.2

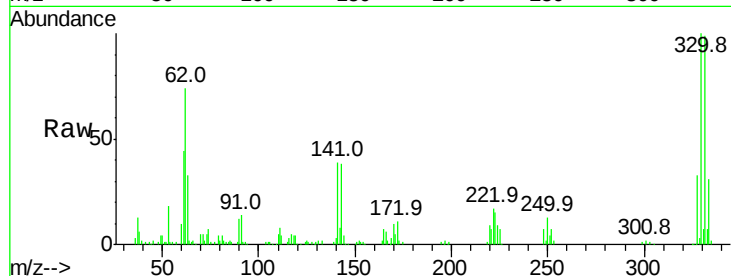




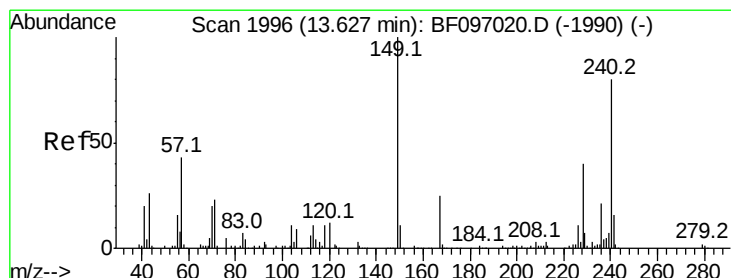
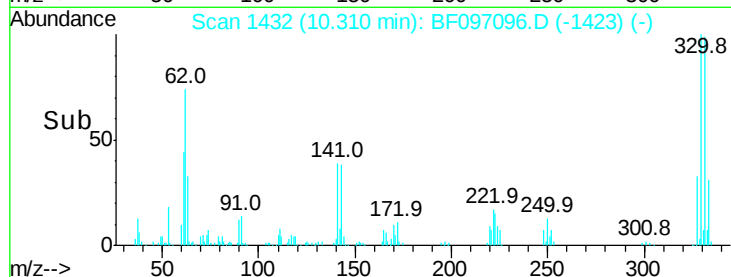
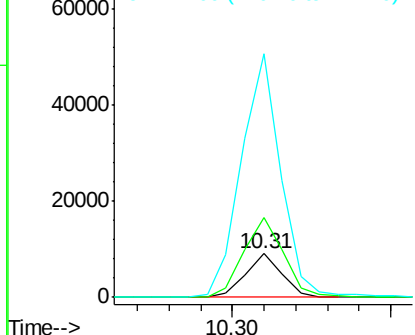
#66
 4-Bromophenyl-phenylether
 Concen: 3.535 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF097096.D
 Acq: 27 Jul 2017 00:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7233
 Ion Ratio Lower Upper
 248 100
 250 184.9 76.8 115.2#
 141 561.7 68.6 103.0#

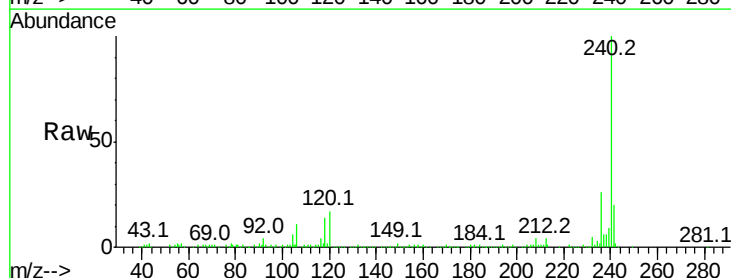


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

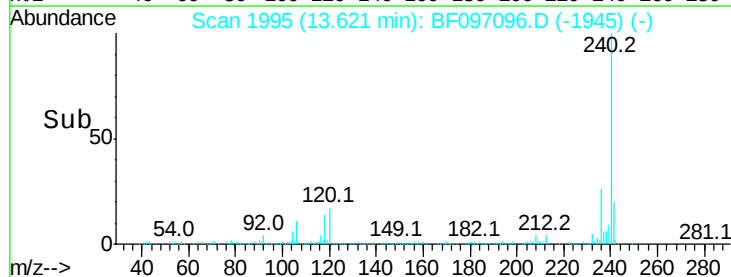
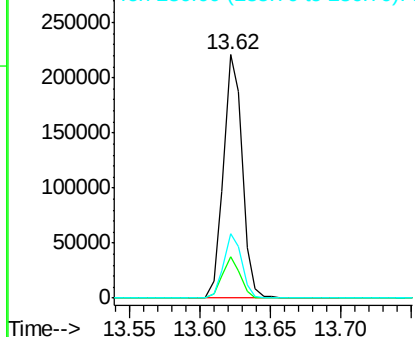


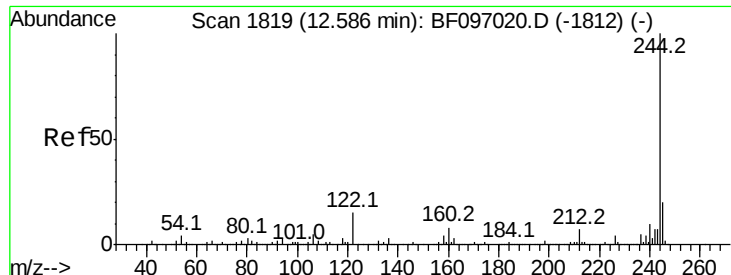
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097096.D
 Acq: 27 Jul 2017 00:56

Tgt Ion:240 Resp: 205548
 Ion Ratio Lower Upper
 240 100
 120 17.2 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: 44.175 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097096.D

Acq: 27 Jul 2017 00:56

Instrument :

BNA_F

ClientSampleId :

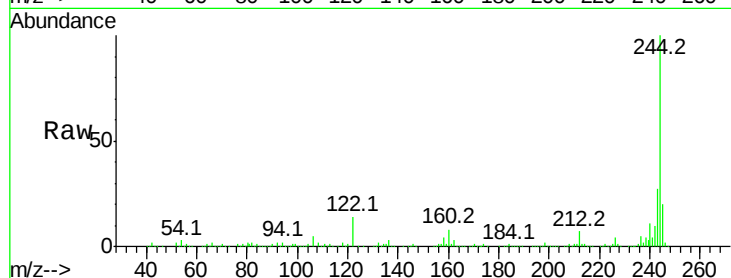
Tot Ion:244 Resp: 445357

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

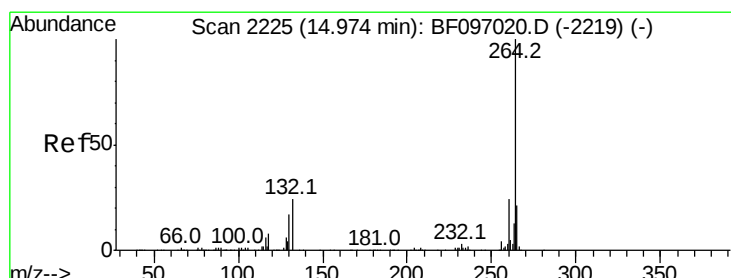
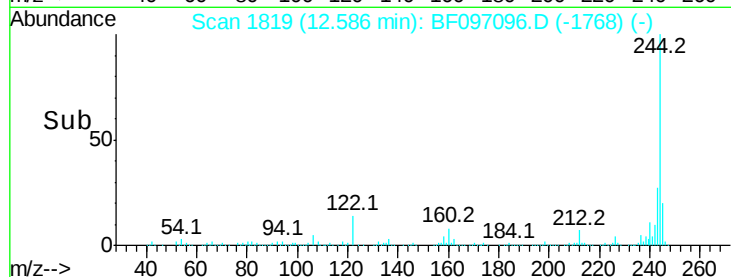
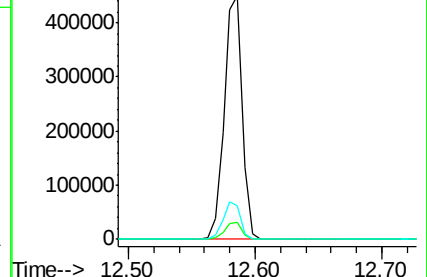
122 13.8 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097096.D

Acq: 27 Jul 2017 00:56

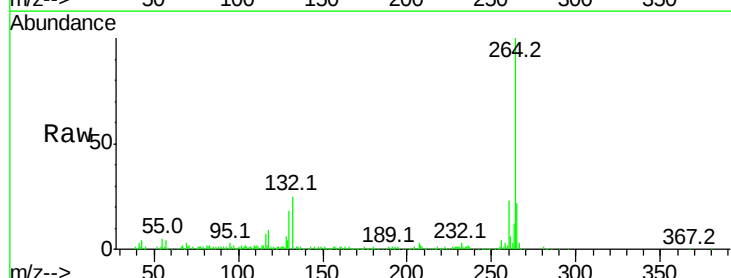
Tgt Ion:264 Resp: 142606

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 22.1 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

