

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097483.D
 Acq On : 8 Aug 2017 22:08
 Operator : SJ/JU
 Sample : I4560-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 01:02:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

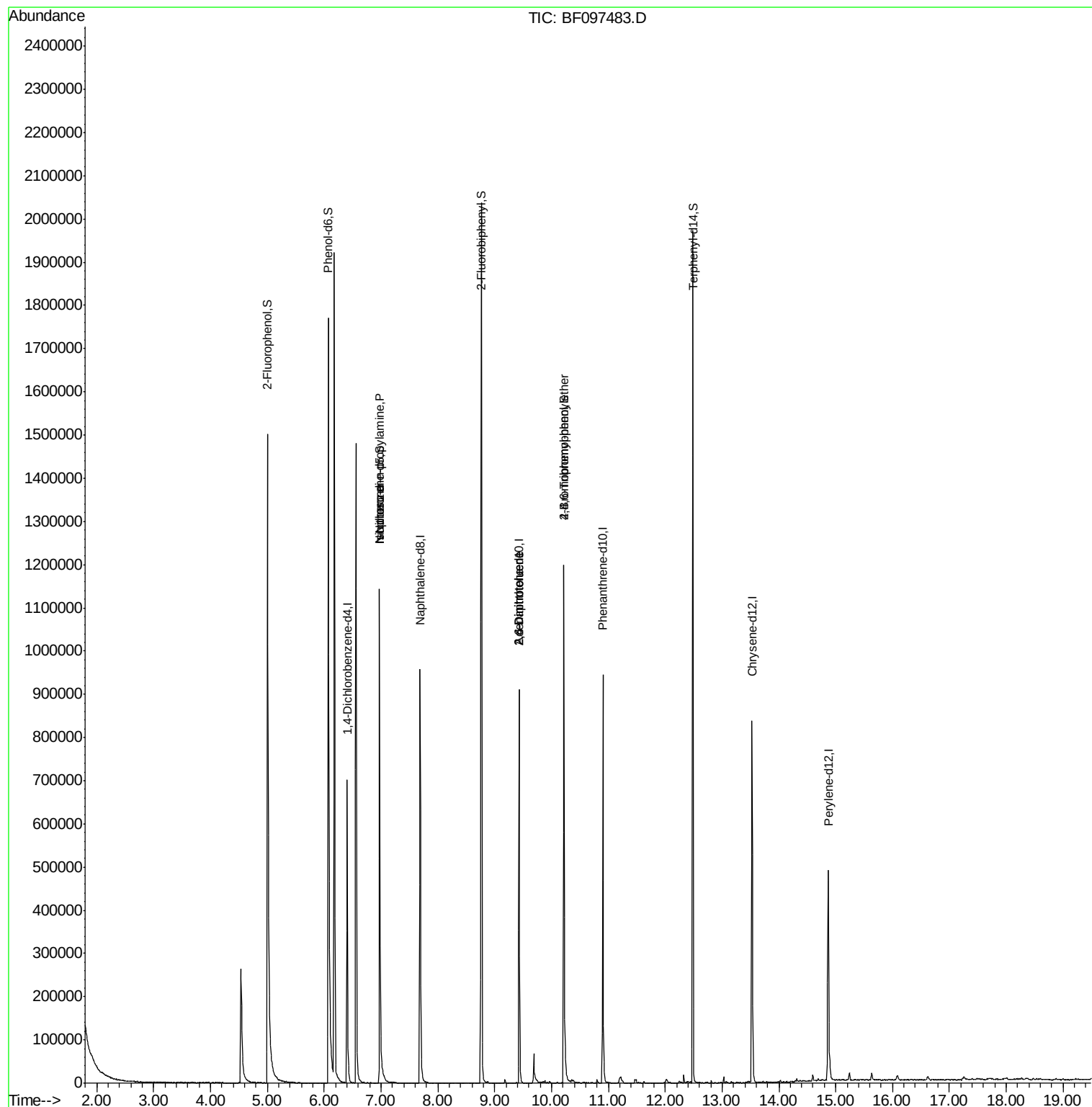
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	107582	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	462490	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	194377	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	339763	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	293784	20.00	ng	-0.01
86) Perylene-d12	14.87	264	226761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	602444	84.42	ng	0.00
7) Phenol-d6	6.07	99	684038	83.96	ng	-0.01
23) Nitrobenzene-d5	6.97	82	402588	51.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	148525	96.71	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	703764	61.45	ng	-0.01
78) Terphenyl-d14	12.49	244	623251	43.25	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	52771	9.84	ng	# 87
25) Isophorone	6.97	82	402586	26.08	ng	# 67
50) 2,6-Dinitrotoluene	9.43	165	24943	7.97	ng	# 32
56) 2,4-Dinitrotoluene	9.43	165	24943	6.93	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	9111	2.69	ng	# 1

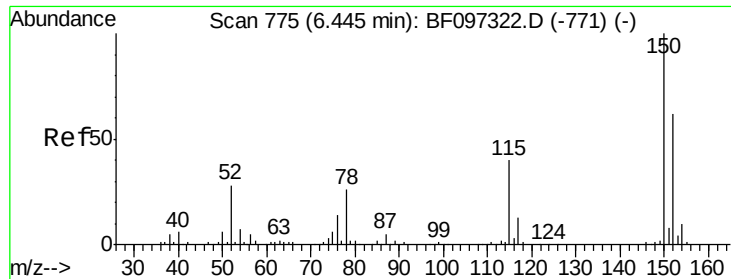
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097483.D
Acq On : 8 Aug 2017 22:08
Operator : SJ/JU
Sample : I4560-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 09 01:02:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration



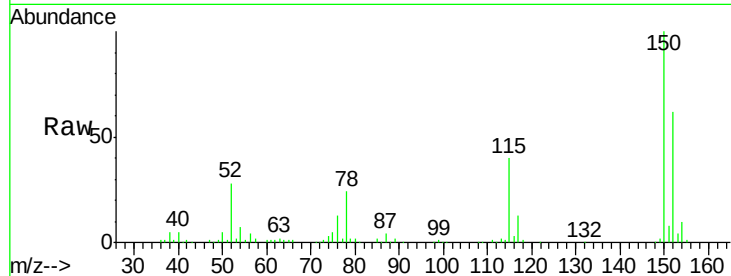


#1

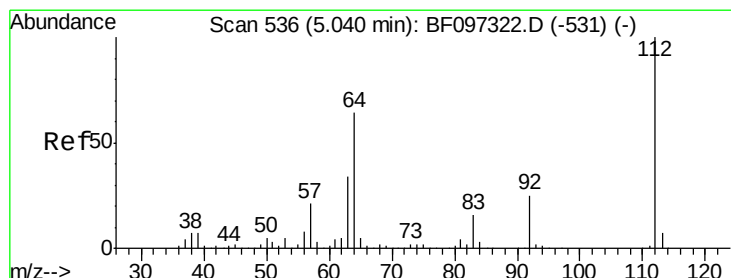
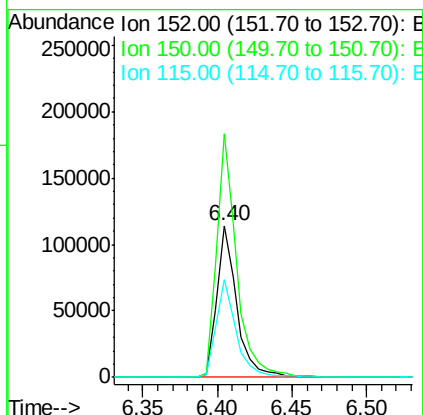
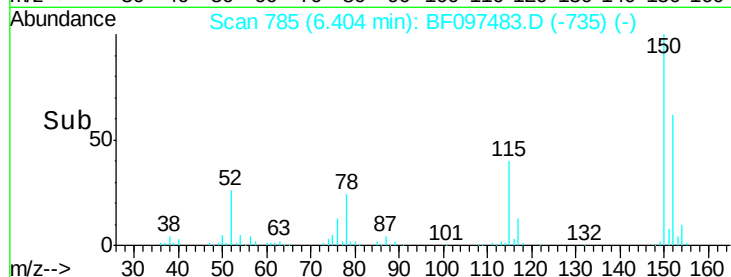
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.2	189.2
115	64.9	52.2	78.2



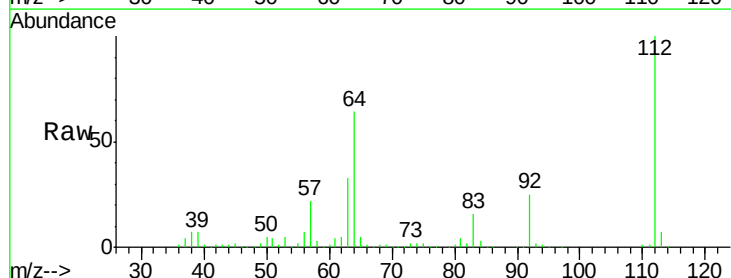
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



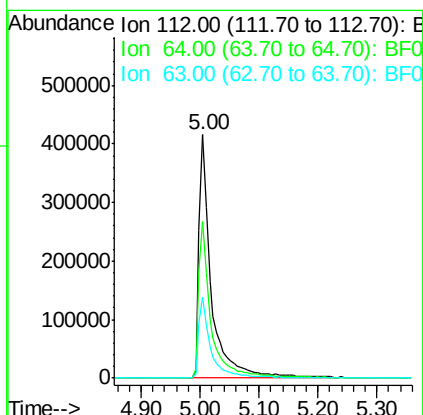
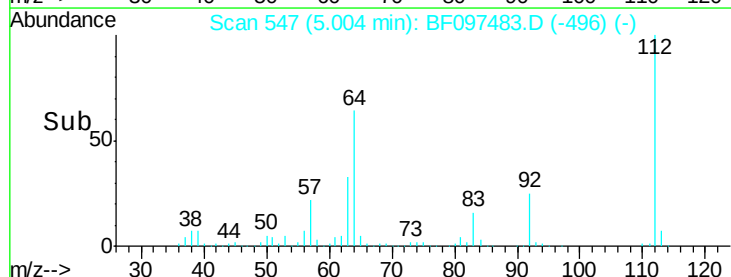
#5

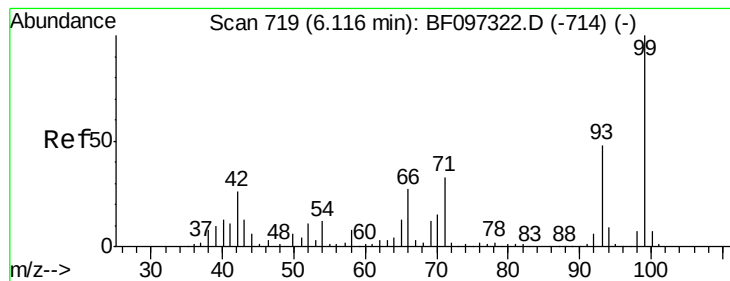
2-Fluorophenol
Concen: 84.42 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	33.1	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: 83.96 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampled :

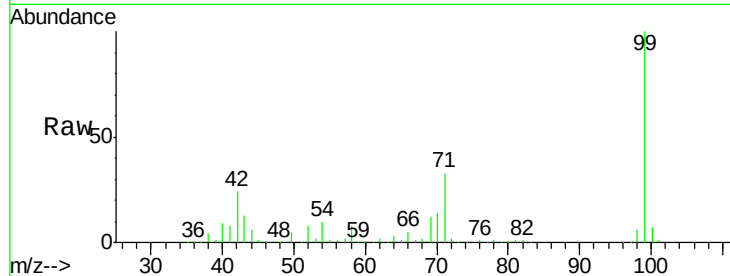
Tot Ion: 99 Resp: 684038

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

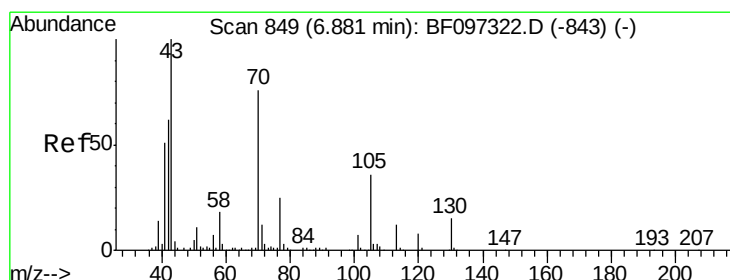
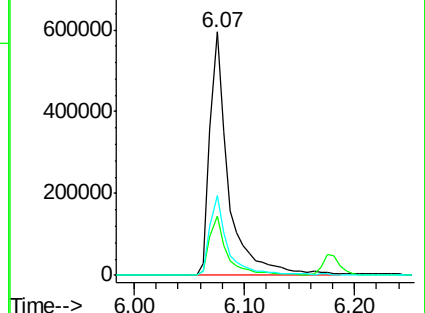
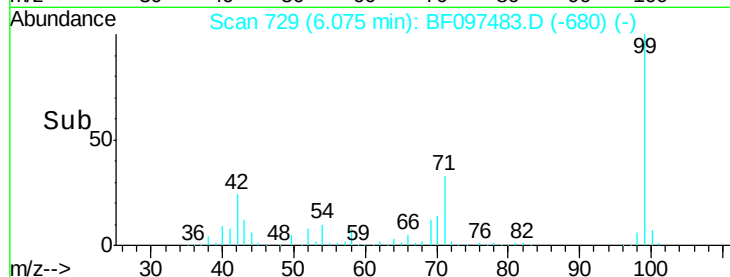
71 32.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.84 ng

RT: 6.97 min Scan# 882

Delta R.T. 0.12 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Tgt Ion: 70 Resp: 52771

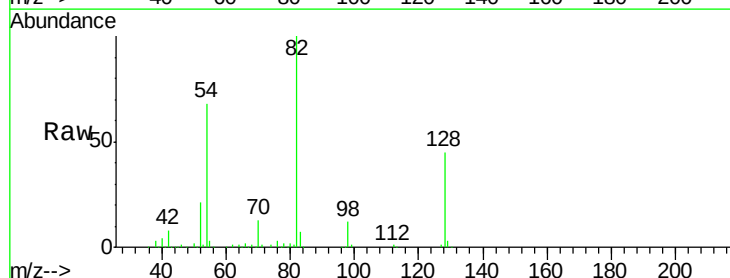
Ion Ratio Lower Upper

70 100

42 61.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

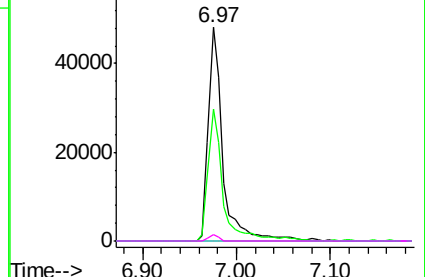
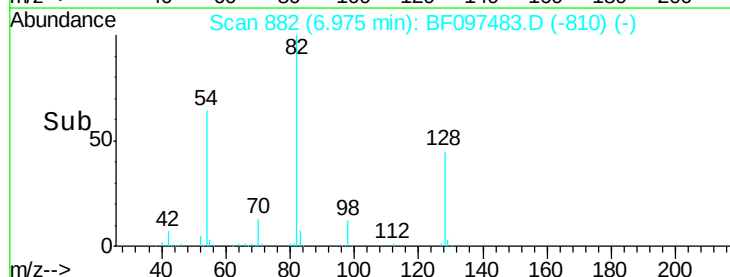


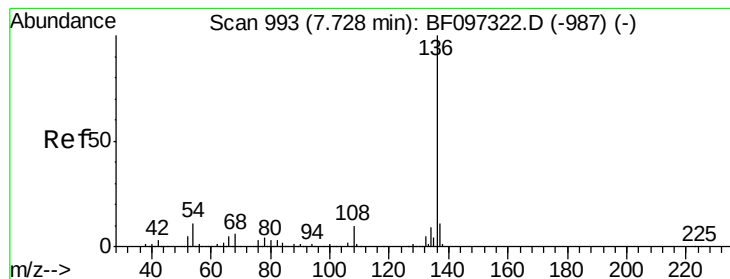
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 462490

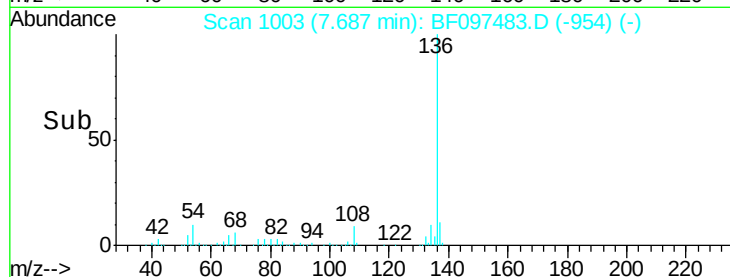
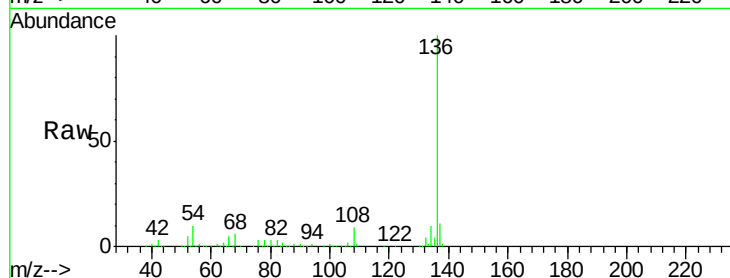
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.3 4.9 7.3#

68 5.9 4.1 6.1

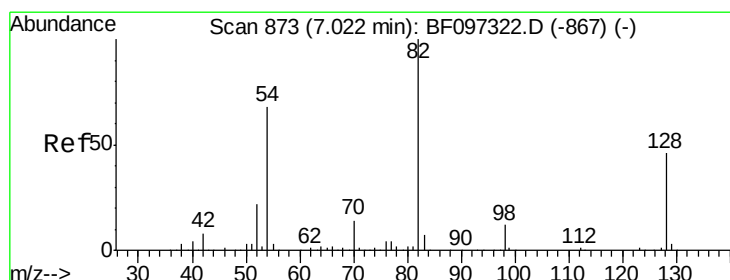
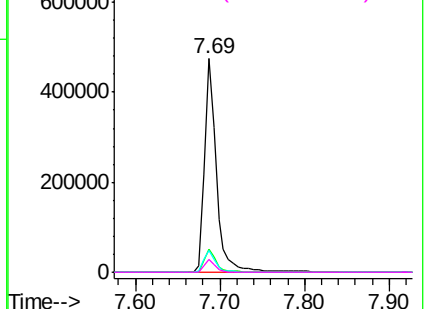


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 51.07 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

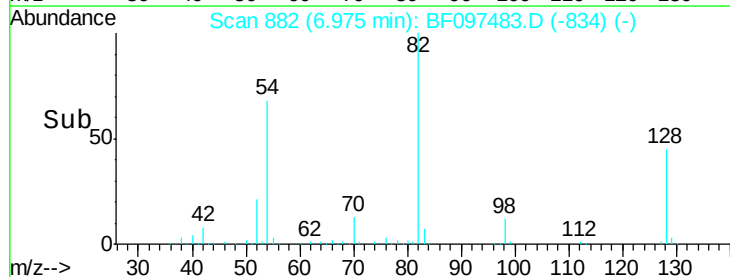
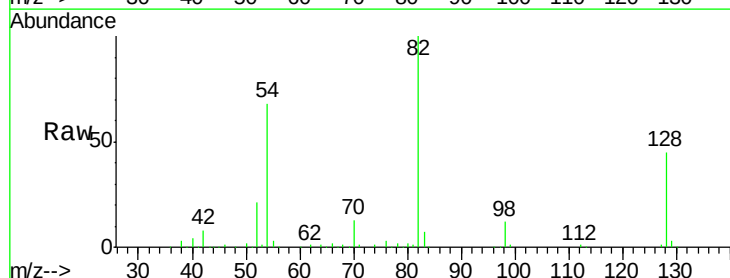
Tgt Ion: 82 Resp: 402588

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

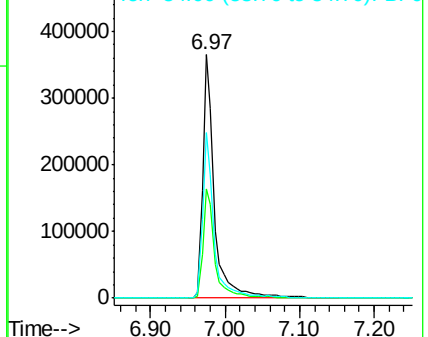
54 68.0 42.2 63.2#

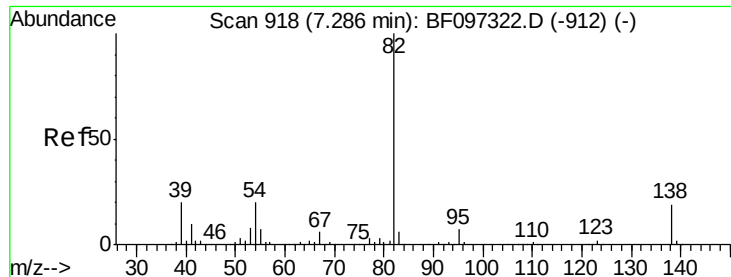


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.08 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampled :

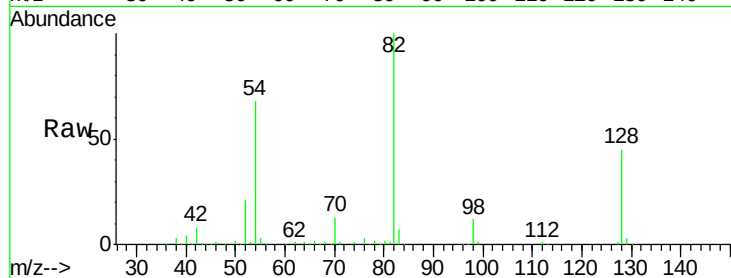
Tot Ion: 82 Resp: 402586

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

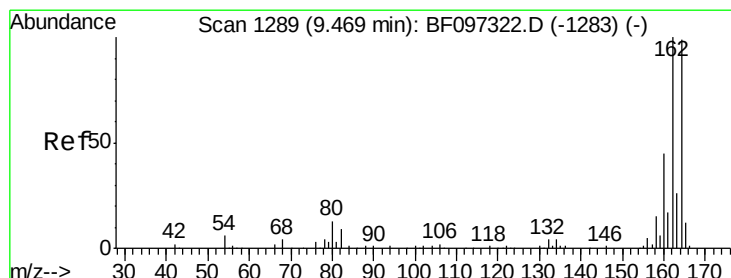
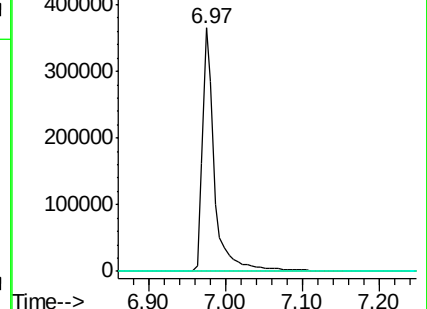
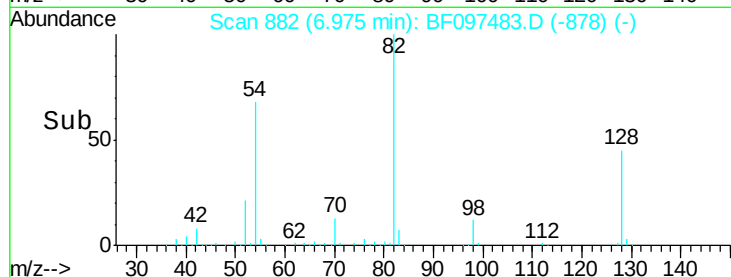
138 0.0 13.1 19.7#



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: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

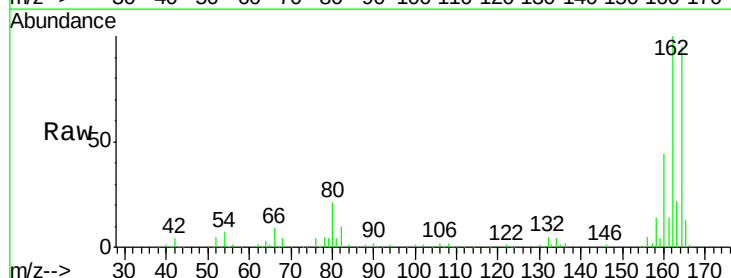
Tgt Ion: 164 Resp: 194377

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

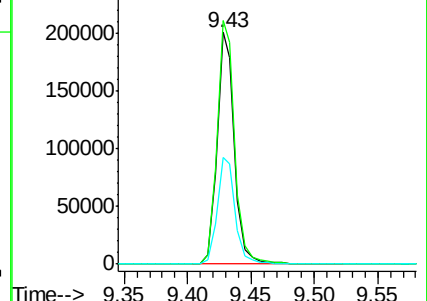
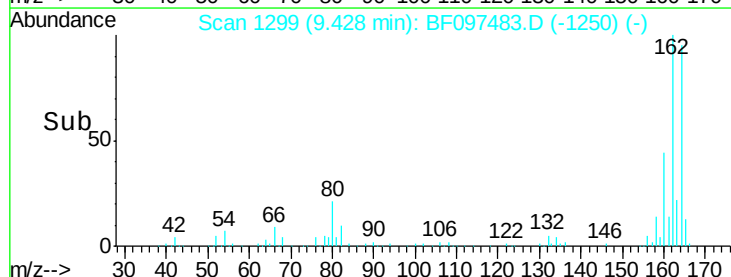
160 46.3 36.2 54.2

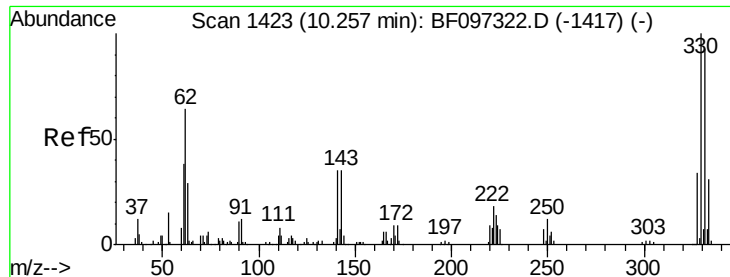


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

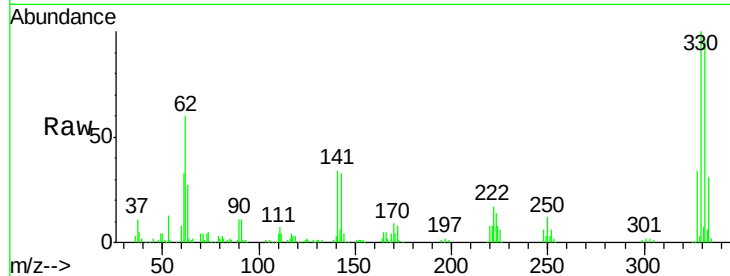




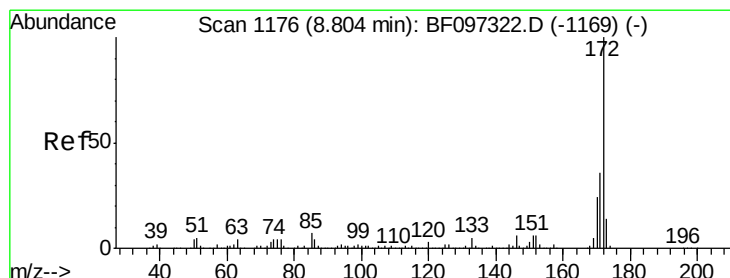
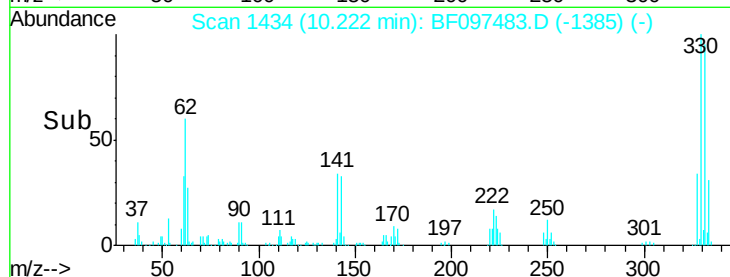
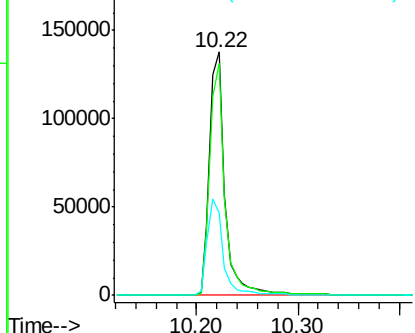
#41
 2,4,6-Tribromophenol
 Concen: 96.71 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	40.5	31.4	47.2

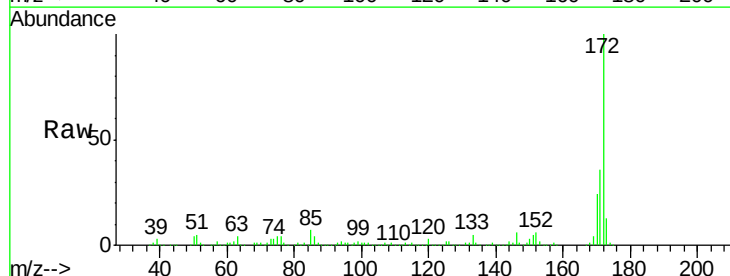


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

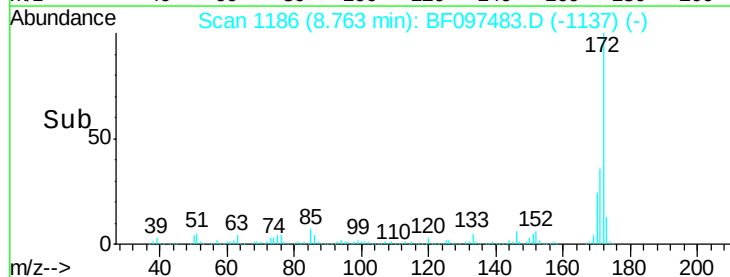
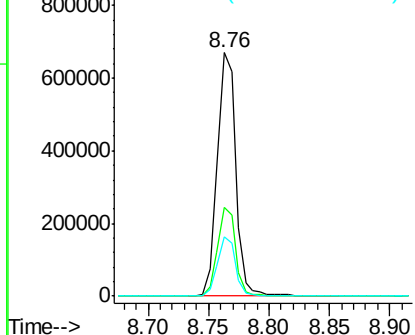


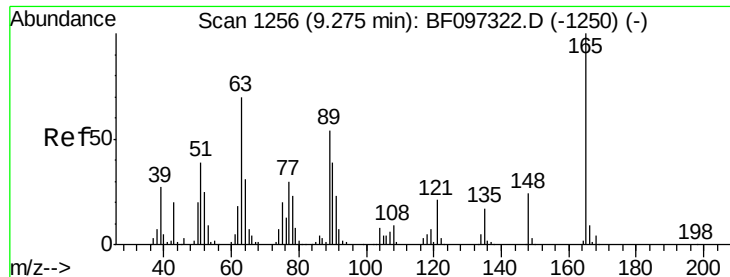
#44
 2-Fluorobiphenyl
 Concen: 61.45 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

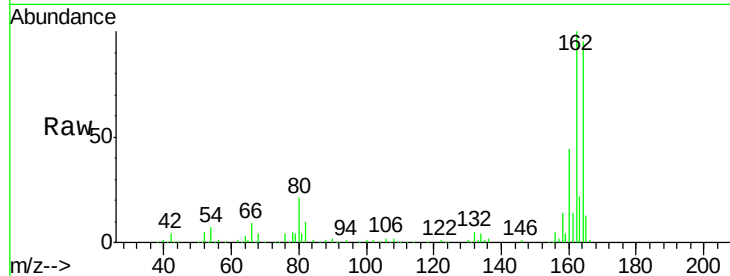




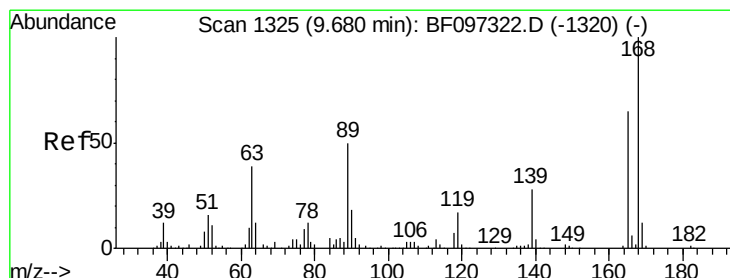
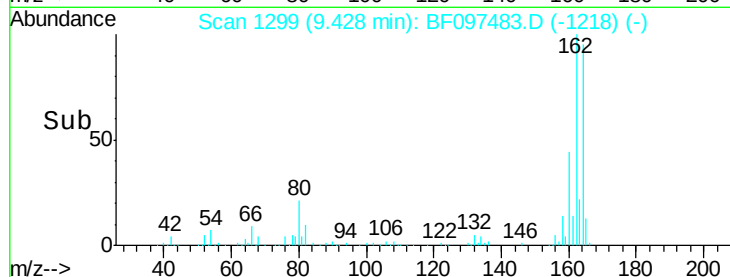
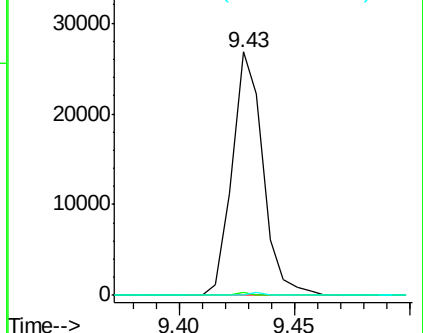
#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. 0.18 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	0.0	37.1	55.7#

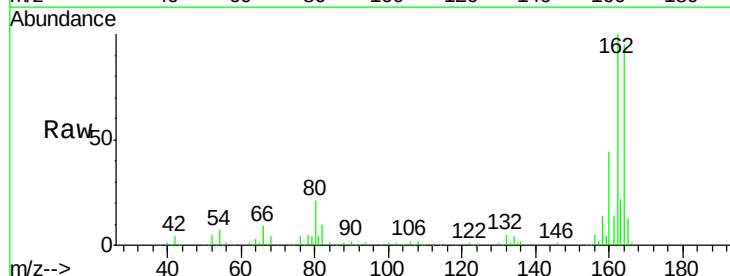


Abundance Ion 165.00 (164.70 to 165.70): E

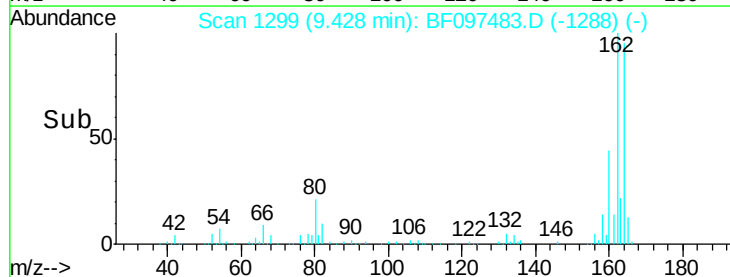
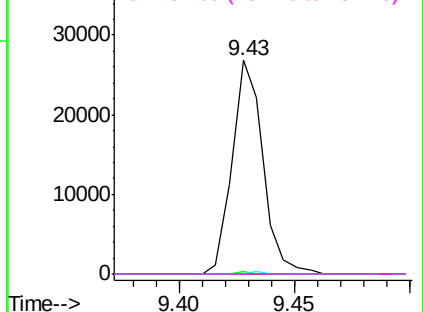


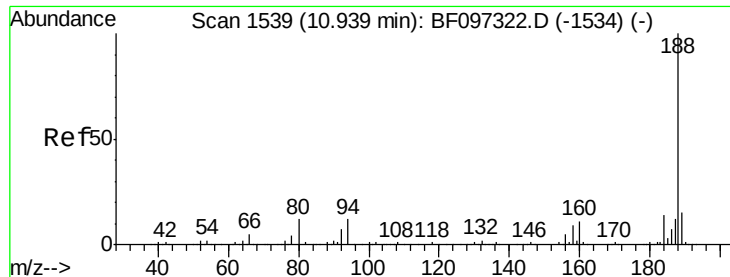
#56
 2,4-Dinitrotoluene
 Concen: 6.93 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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

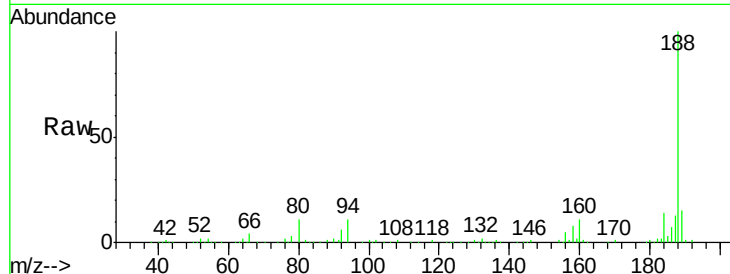




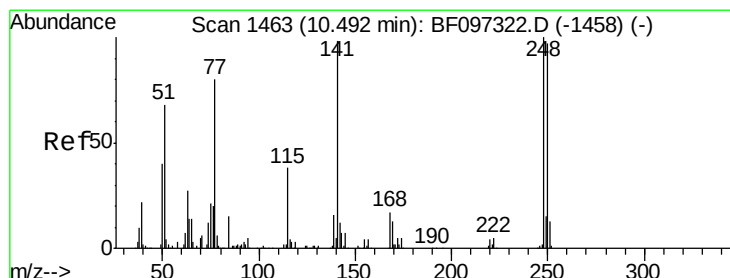
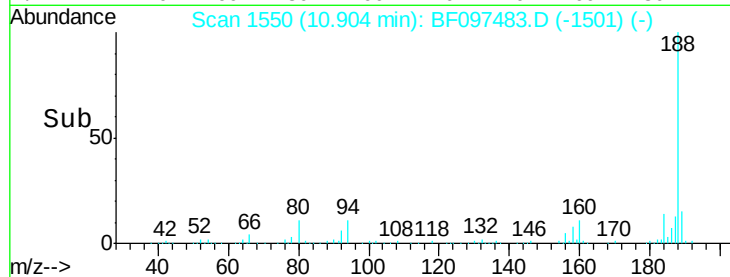
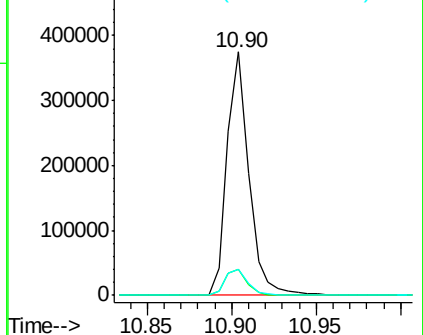
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 339763
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.8 10.2 15.2

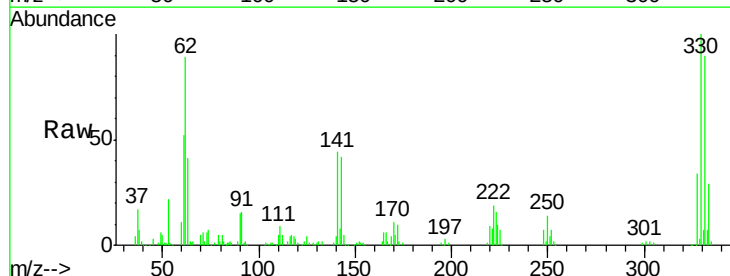


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

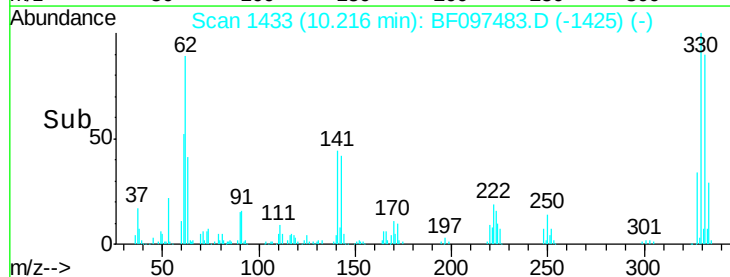
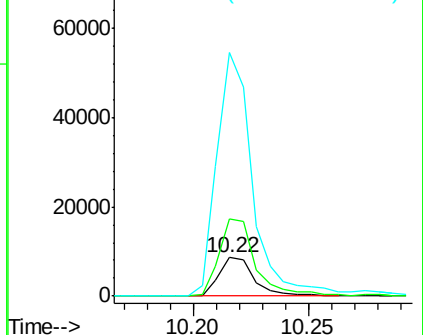


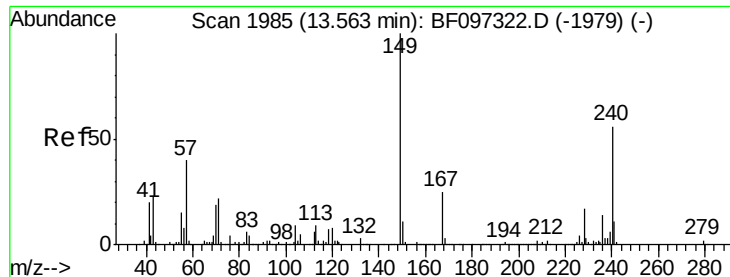
#66
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.22 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Tgt Ion:248 Resp: 9111
Ion Ratio Lower Upper
248 100
250 201.0 76.8 115.2#
141 635.7 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: 20.00 ng

RT: 13.53 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampleId :

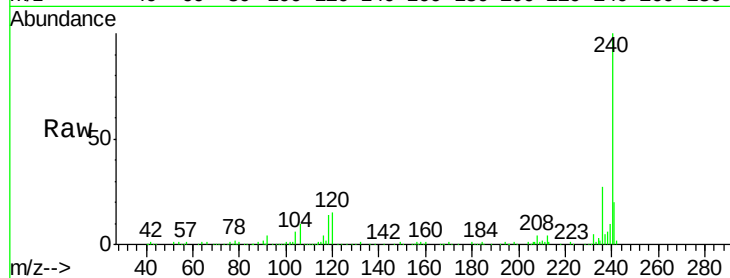
Tot Ion:240 Resp: 293784

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

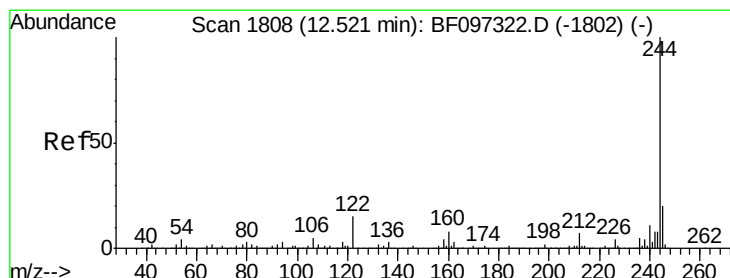
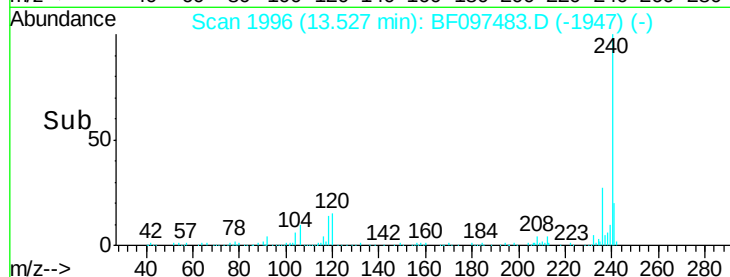
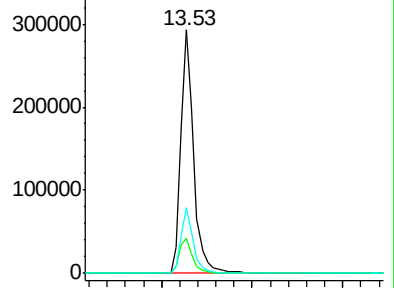
236 26.8 20.5 30.7



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: 43.25 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

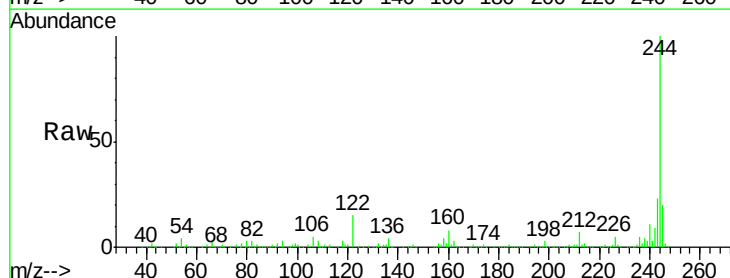
Tgt Ion:244 Resp: 623251

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

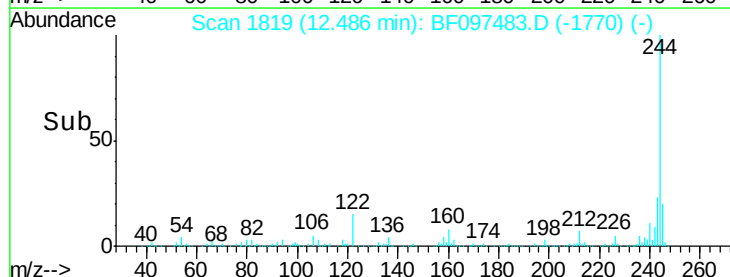
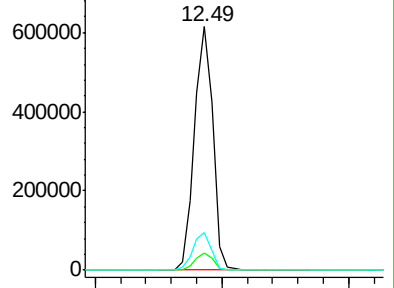
122 15.4 10.3 15.5

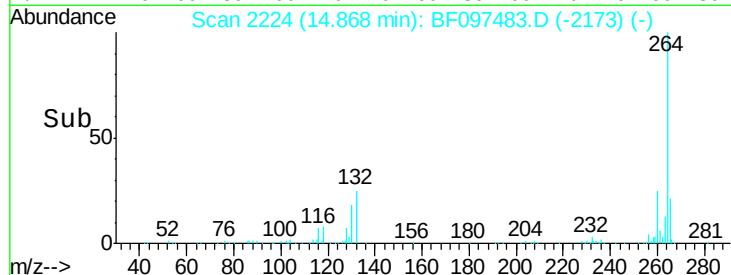
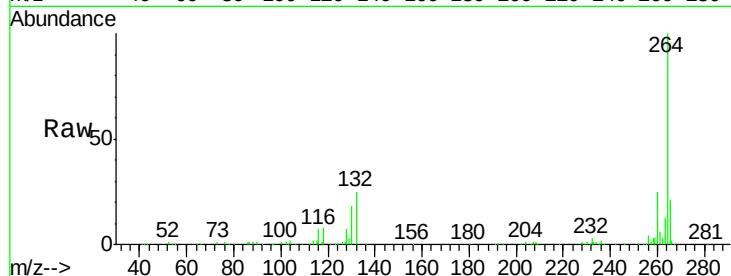
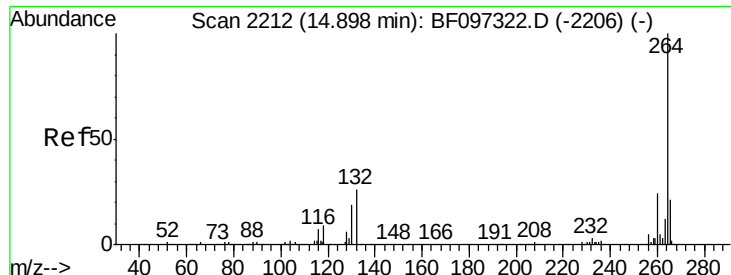


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	226761
Ion Ratio	Lower	Upper
264	100	
260	25.3	19.5 29.3
265	21.0	17.2 25.8

