

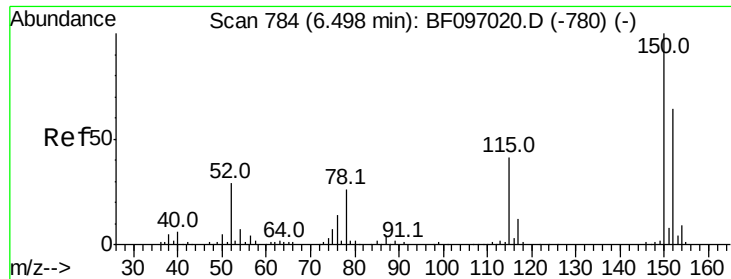
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097275.D
 Acq On : 2 Aug 2017 16:06
 Operator : SJ/JU
 Sample : PB101142BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 17:01:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	92092	20.00	ng	-0.01
21) Naphthalene-d8	7.73	136	451630	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	177496	20.00	ng	-0.02
63) Phenanthrene-d10	10.95	188	330139	20.00	ng	-0.02
75) Chrysene-d12	13.57	240	256645	20.00	ng	-0.02
86) Perylene-d12	14.91	264	170547	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	833888	136.50	ng	0.00
7) Phenol-d6	6.12	99	1050924	150.69	ng	-0.02
23) Nitrobenzene-d5	7.02	82	571435	74.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.27	330	198657	141.66	ng	-0.02
44) 2-Fluorobiphenyl	8.81	172	974657	93.19	ng	-0.02
78) Terphenyl-d14	12.53	244	826654	65.67	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.60	79	9368	2.122	ng	# 36
19) n-Nitroso-di-n-propylamine	7.02	70	76168	16.592	ng	# 88
25) Isophorone	7.02	82	569889	37.799	ng	# 67
49) Dimethylphthalate	9.48	163	54979	4.079	ng	# 1
50) 2,6-Dinitrotoluene	9.47	165	22843	7.991	ng	# 33
56) 2,4-Dinitrotoluene	9.47	165	22843	6.951	ng	# 33
66) 4-Bromophenyl-phenylether	10.26	248	12741	3.867	ng	# 1

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

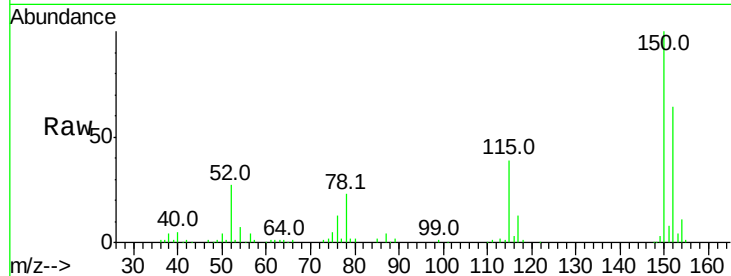


#1

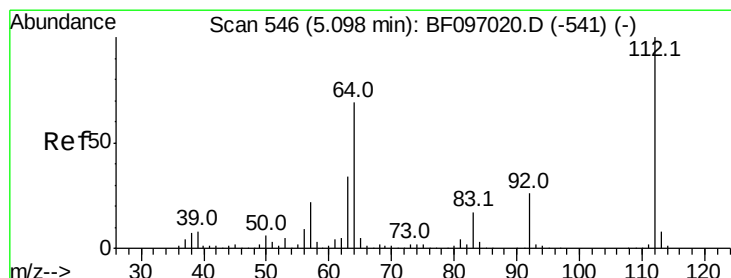
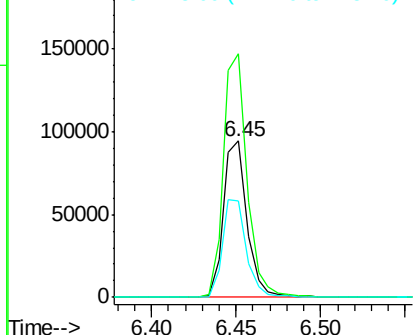
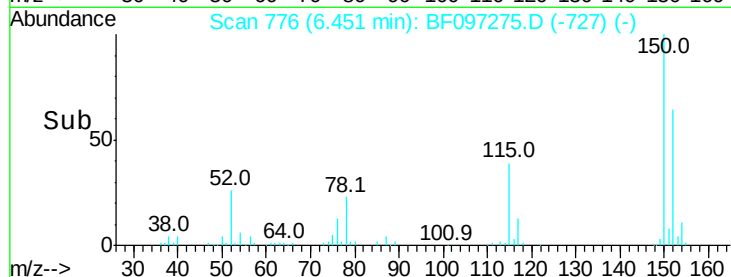
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF097275.D
Acq: 2 Aug 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92092
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 61.4 52.2 78.2



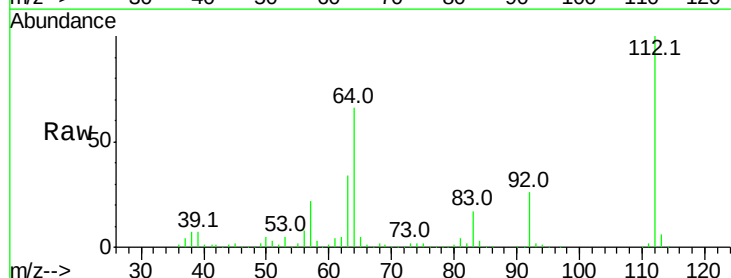
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



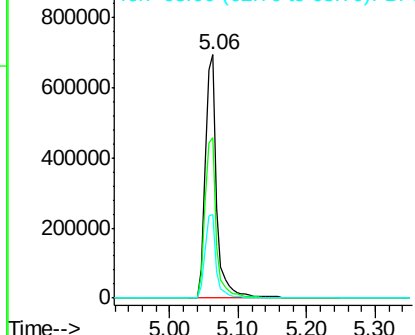
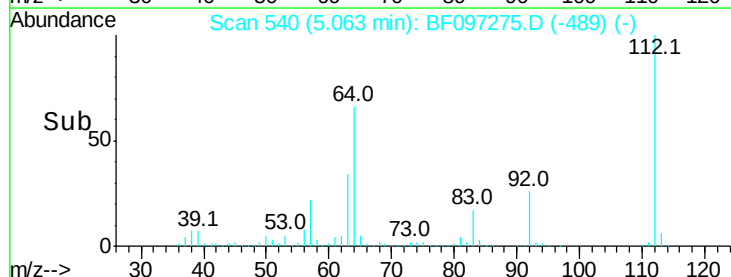
#5

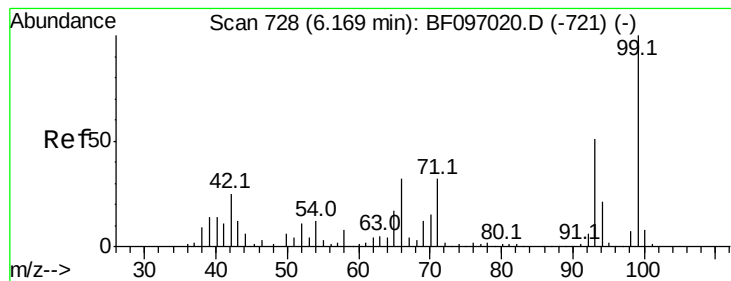
2-Fluorophenol
Concen: 136.502 ng
RT: 5.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF097275.D
Acq: 2 Aug 2017 16:06

Tgt Ion:112 Resp: 833888
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 34.2 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: 150.689 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF097275.D

Acq: 2 Aug 2017 16:06

Instrument :

BNA_F

ClientSampleId :

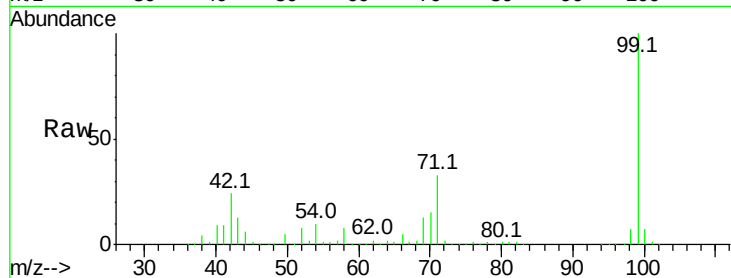
Tot Ion: 99 Resp: 1050924

Ion Ratio Lower Upper

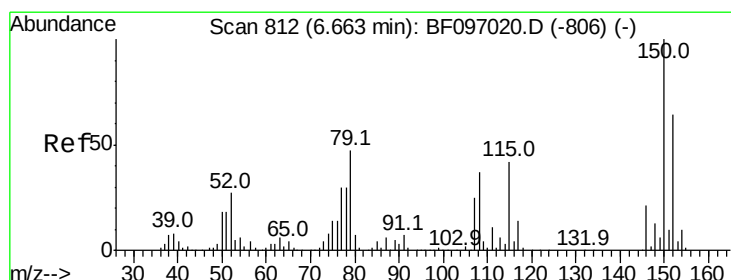
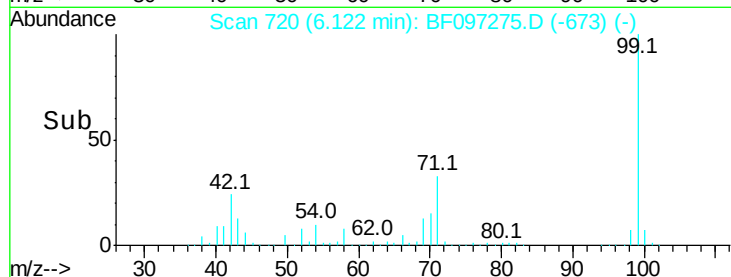
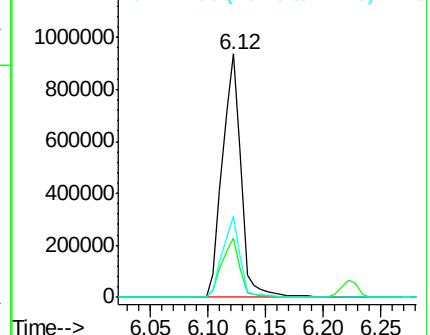
99 100

42 24.4 13.5 20.3#

71 33.3 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



#15

Benzyl Alcohol

Concen: 2.122 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF097275.D

Acq: 2 Aug 2017 16:06

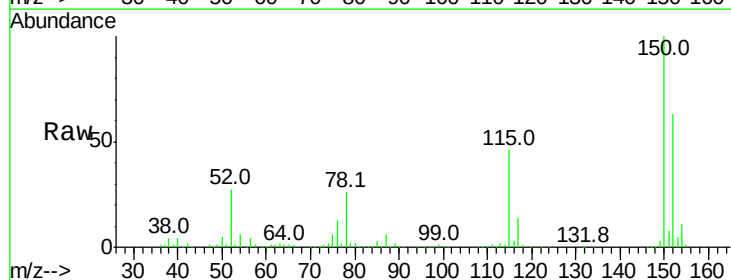
Tgt Ion: 79 Resp: 9368

Ion Ratio Lower Upper

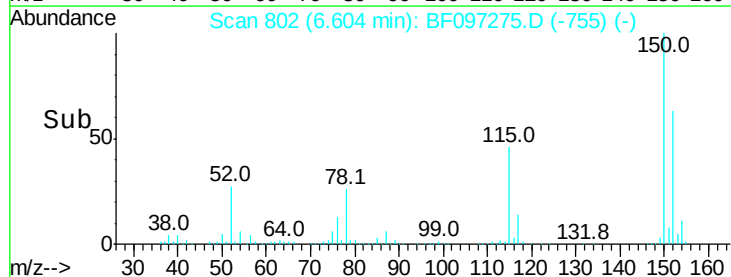
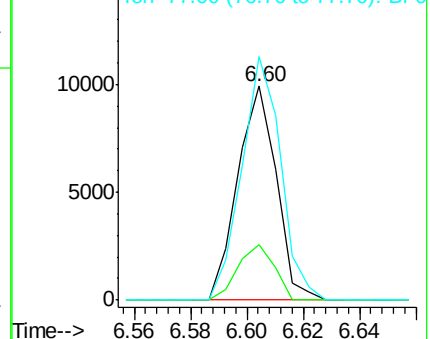
79 100

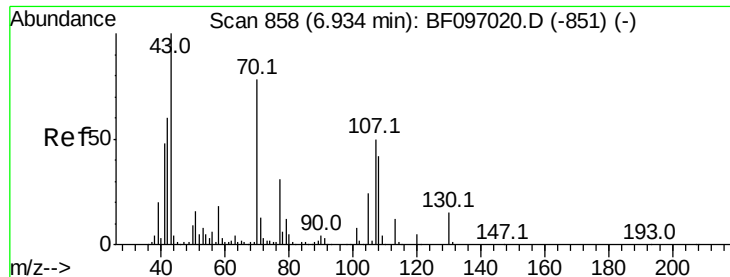
108 25.7 63.4 95.0#

77 114.0 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

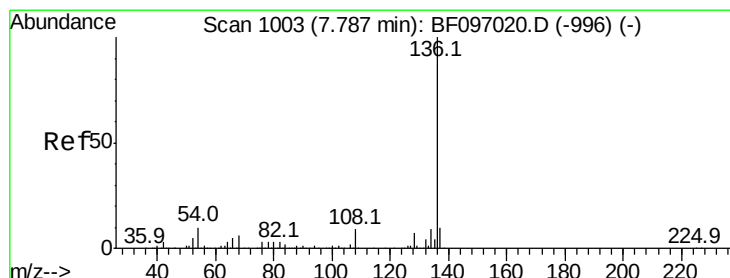
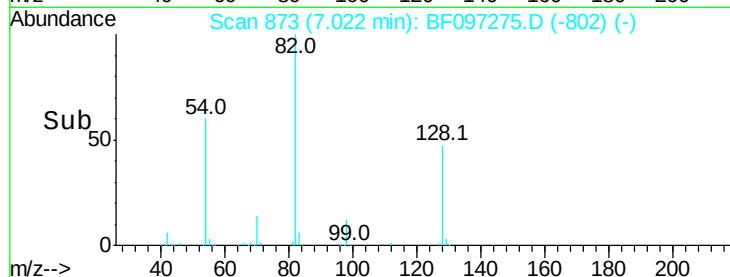
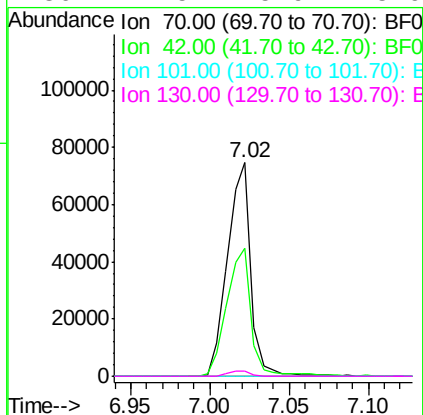
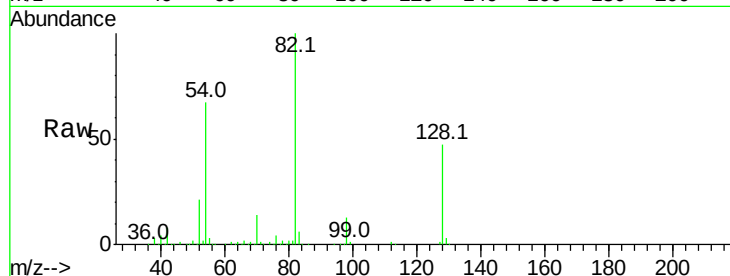




#19
n-Nitroso-di-n-propylamine
Concen: 16.592 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.12 min
Lab File: BF097275.D
Acq: 2 Aug 2017 16:06

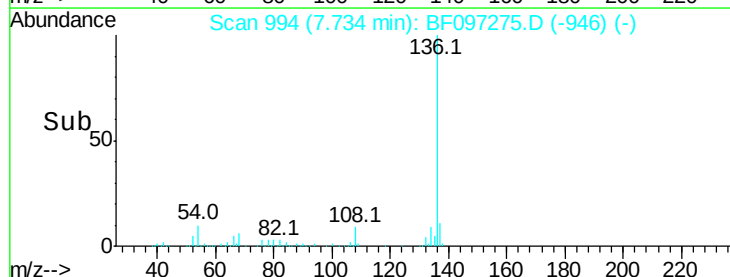
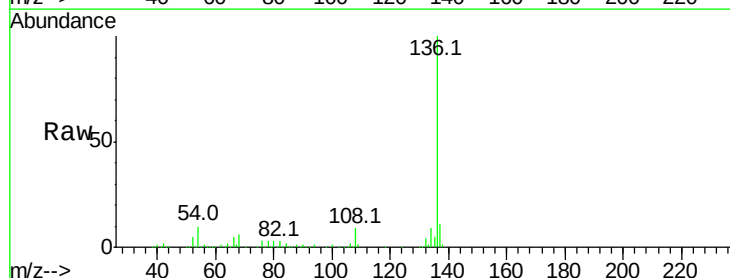
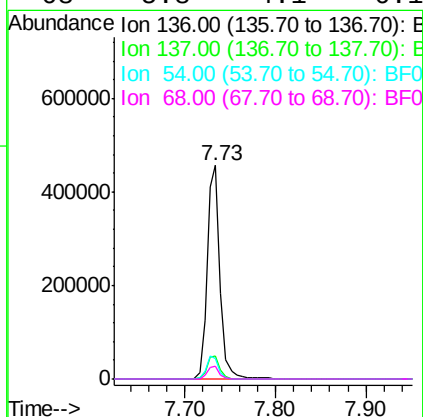
Instrument :
BNA_F
ClientSampleId :

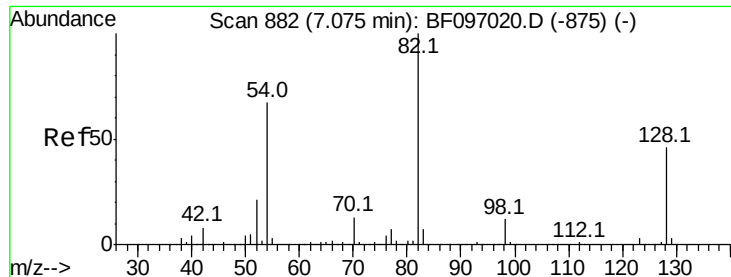
Tot Ion: 70 Resp: 76168
Ion Ratio Lower Upper
70 100
42 59.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF097275.D
Acq: 2 Aug 2017 16:06

Tgt Ion:136 Resp: 451630
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 9.9 4.9 7.3#
68 5.8 4.1 6.1

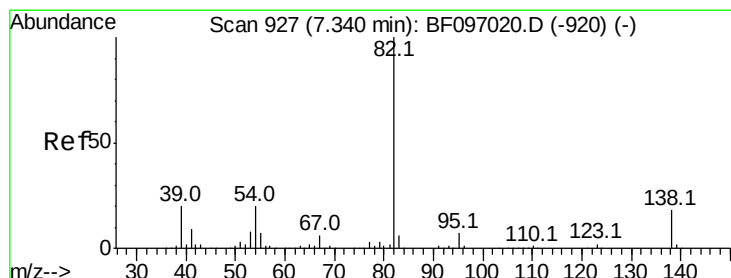
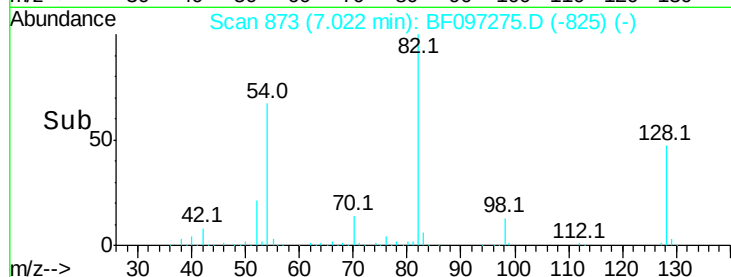
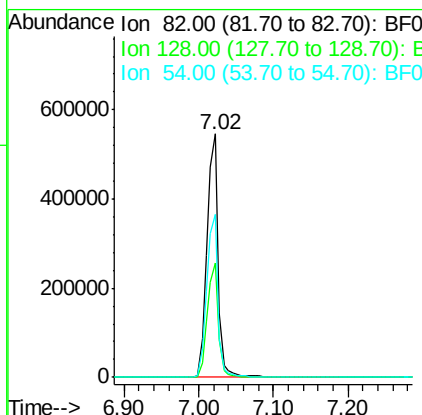
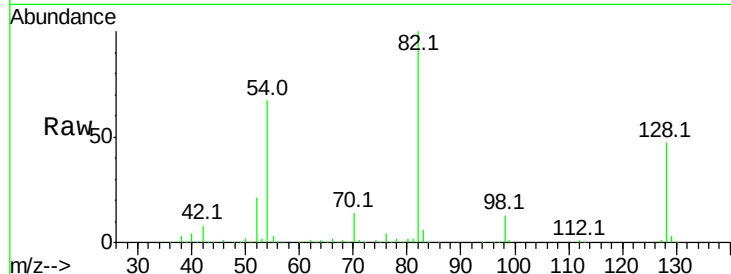




#23
 Nitrobenzene-d5
 Concen: 74.226 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF097275.D
 Acq: 2 Aug 2017 16:06

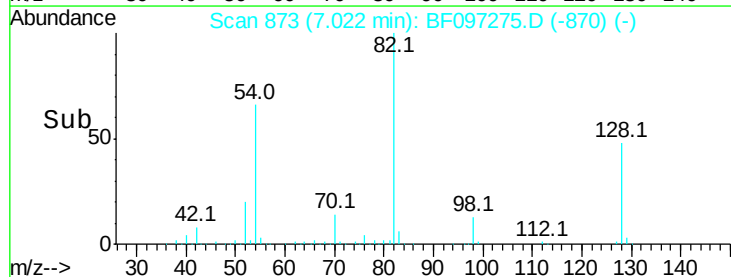
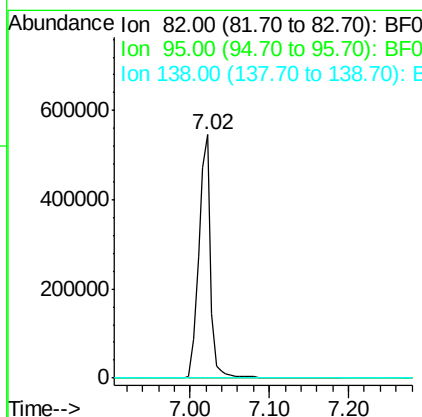
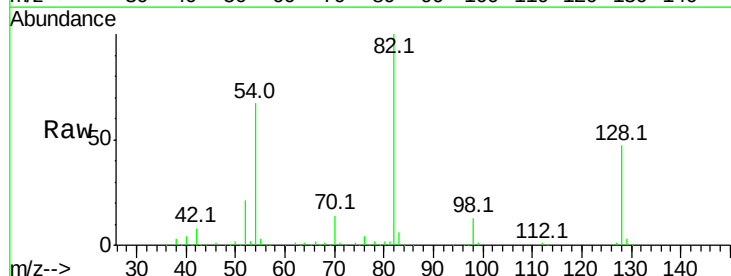
Instrument :
 BNA_F
 ClientSampleId :

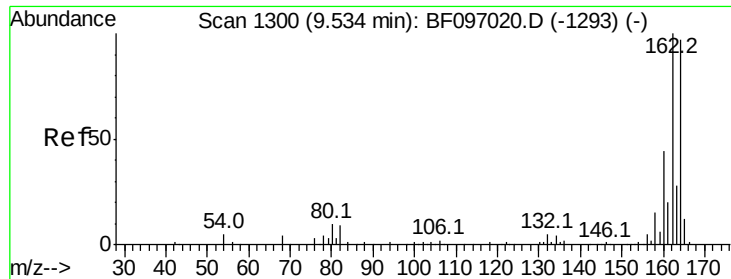
Tot Ion: 82 Resp: 571435
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 66.8 42.2 63.2#



#25
 Isophorone
 Concen: 37.799 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.28 min
 Lab File: BF097275.D
 Acq: 2 Aug 2017 16:06

Tgt Ion: 82 Resp: 569889
 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: 9.47 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF097275.D

Acq: 2 Aug 2017 16:06

Instrument :

BNA_F

ClientSampleId :

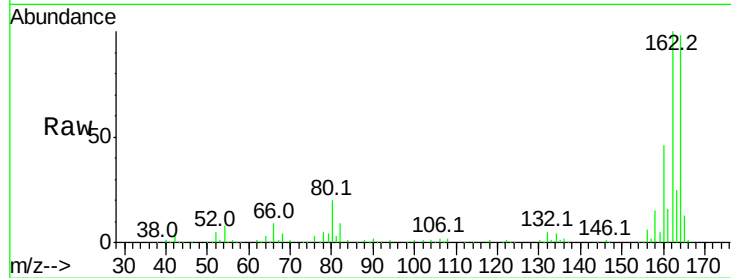
Tot Ion:164 Resp: 177496

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

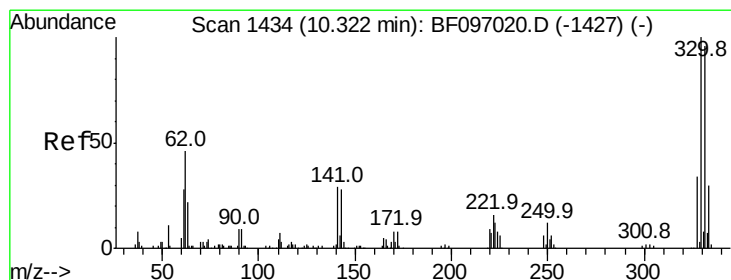
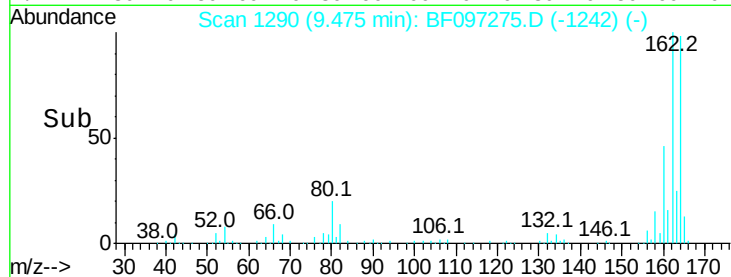
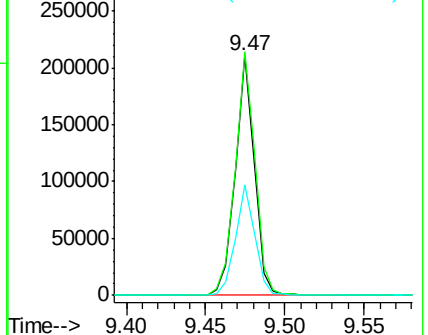
160 46.3 36.2 54.2



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: 141.656 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF097275.D

Acq: 2 Aug 2017 16:06

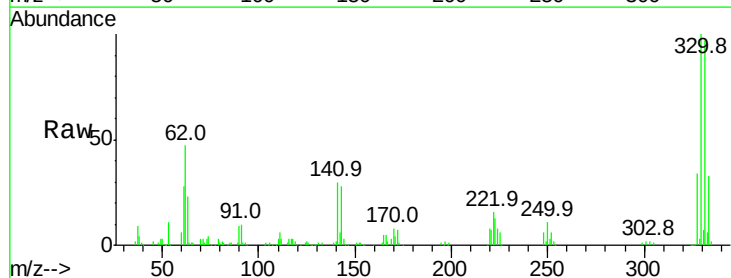
Tgt Ion:330 Resp: 198657

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

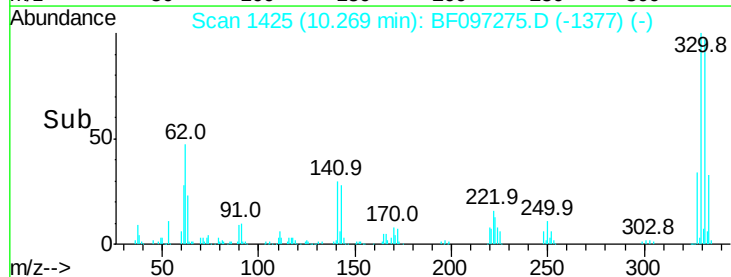
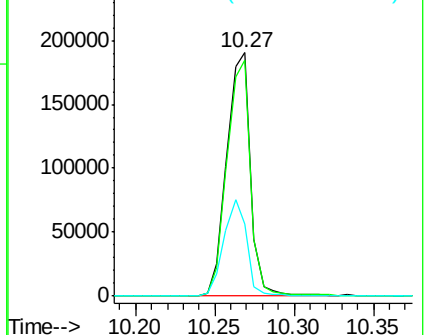
141 38.2 31.4 47.2

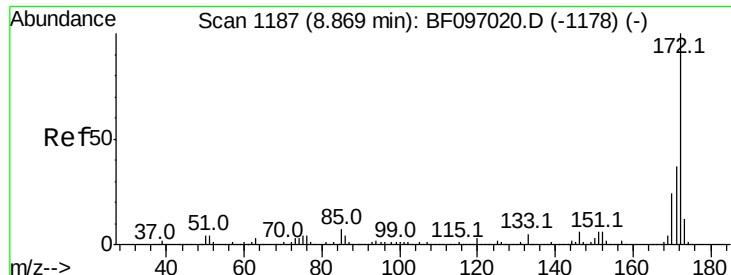


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

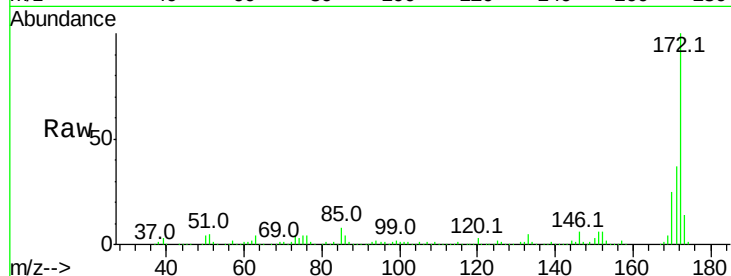




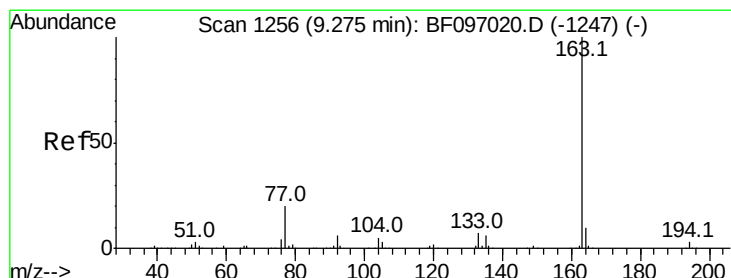
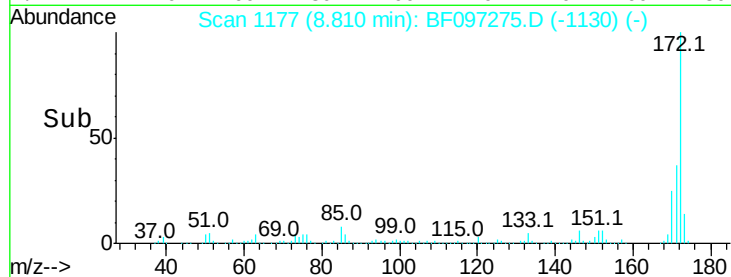
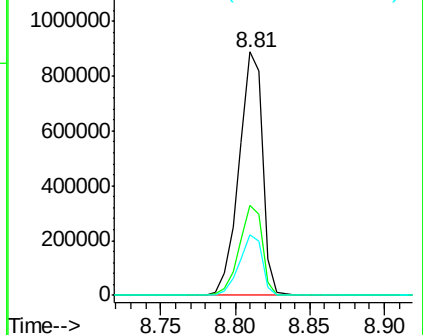
#44
 2-Fluorobiphenyl
 Concen: 93.190 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF097275.D
 Acq: 2 Aug 2017 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.6	19.8	29.8

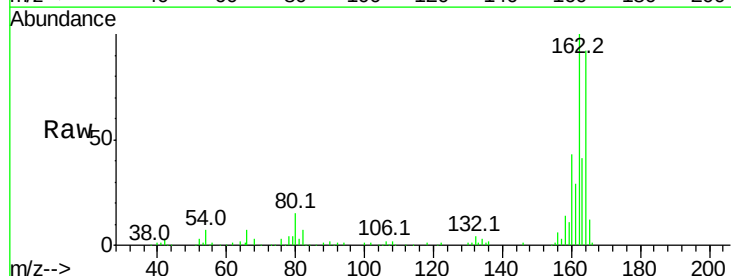


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

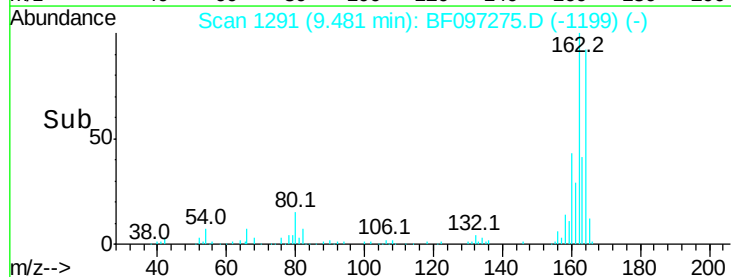
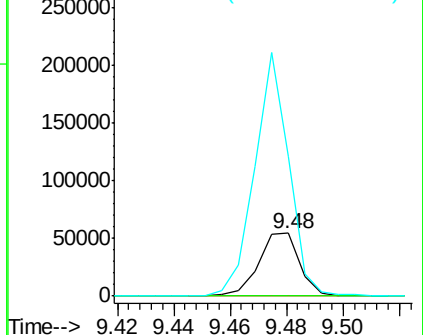


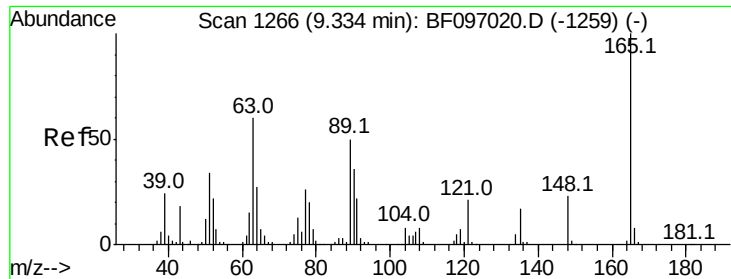
#49
 Dimethylphthalate
 Concen: 4.079 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. 0.24 min
 Lab File: BF097275.D
 Acq: 2 Aug 2017 16:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	223.6	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

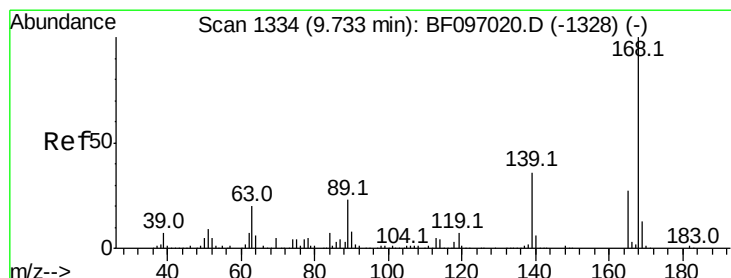
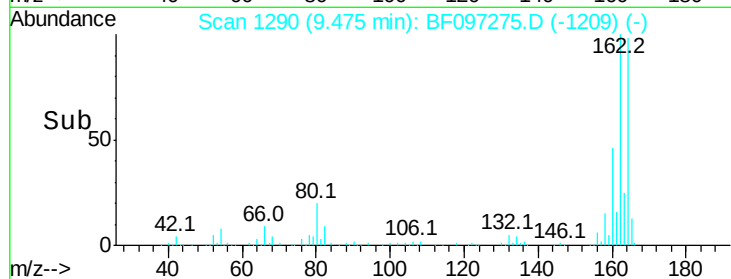
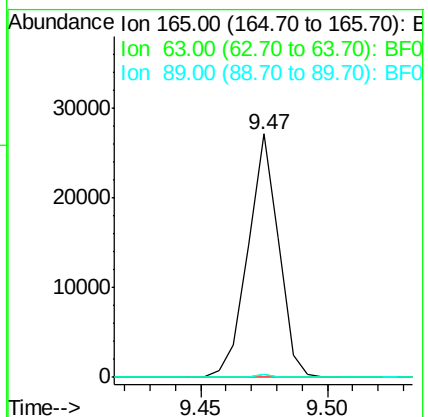
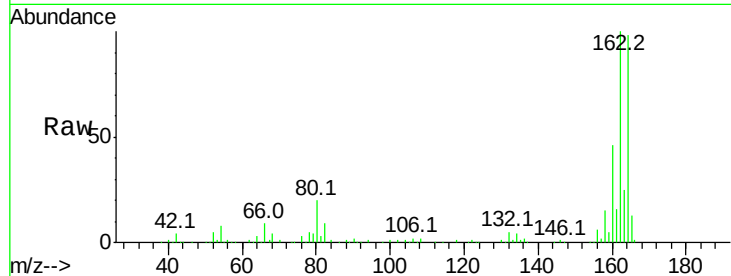




#50
 2,6-Dinitrotoluene
 Concen: 7.991 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. 0.18 min
 Lab File: BF097275.D
 Acq: 2 Aug 2017 16:06

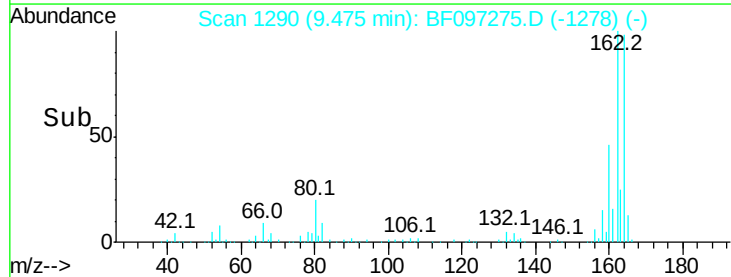
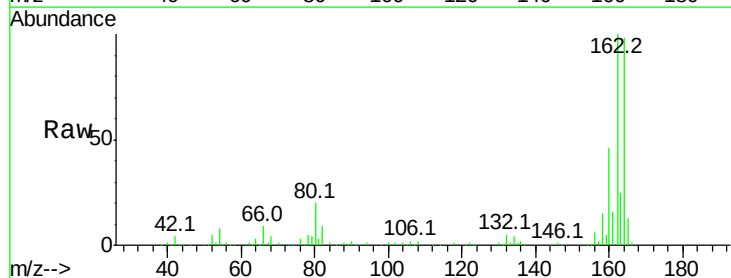
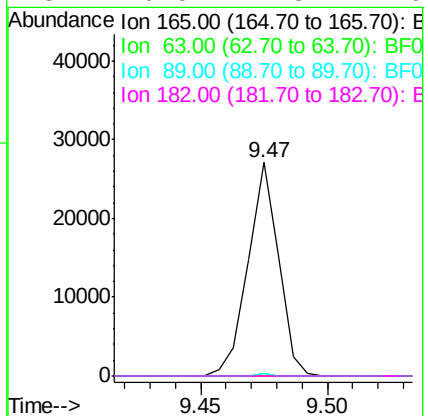
Instrument :
 BNA_F
 ClientSampleId :

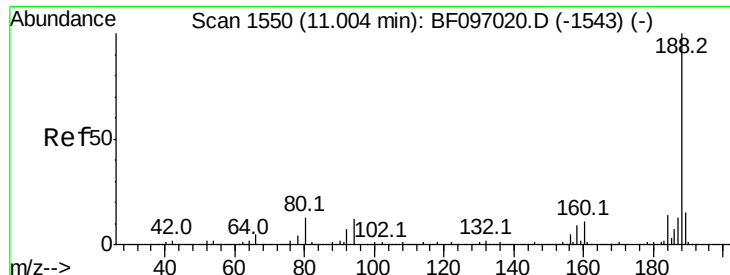
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.951 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.23 min
 Lab File: BF097275.D
 Acq: 2 Aug 2017 16:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

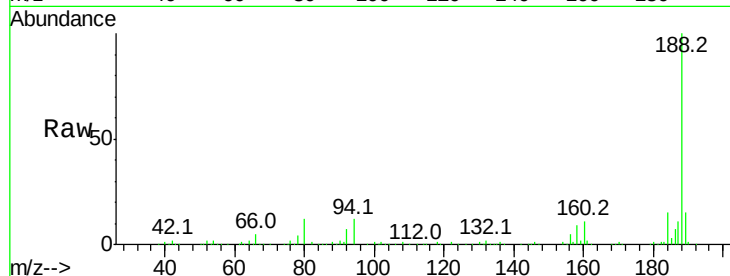




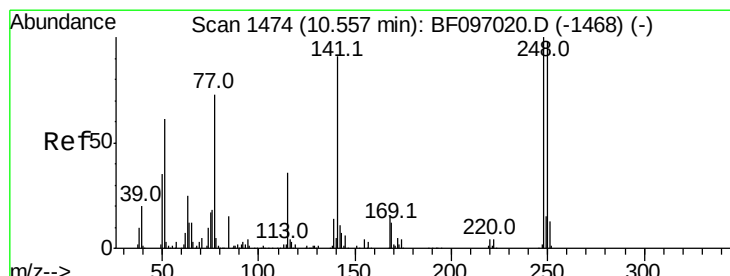
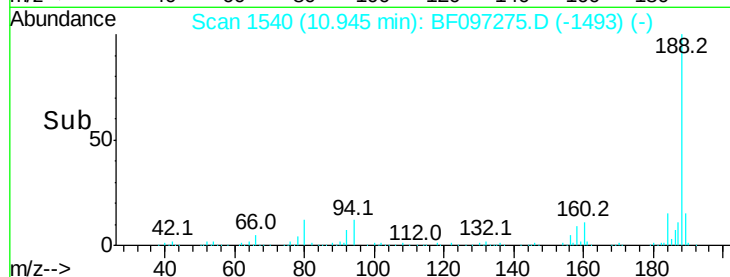
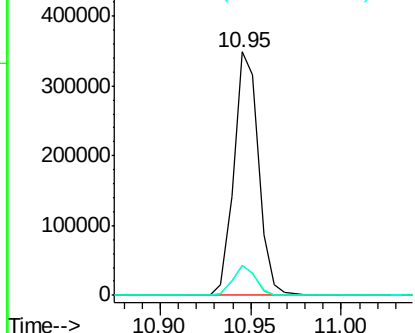
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BF097275.D
 Acq: 2 Aug 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 330139
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 12.2 10.2 15.2

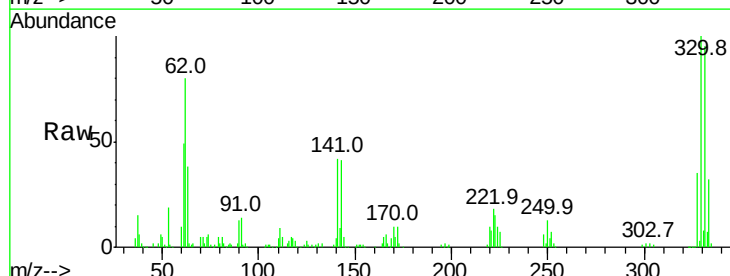


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

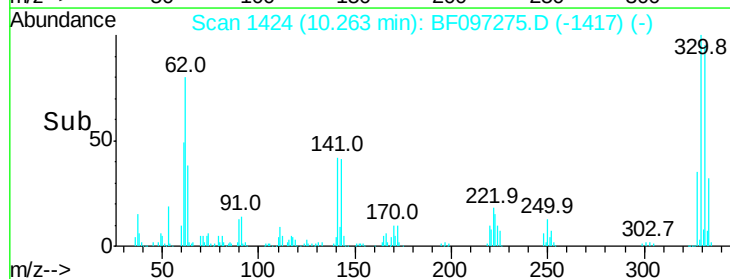
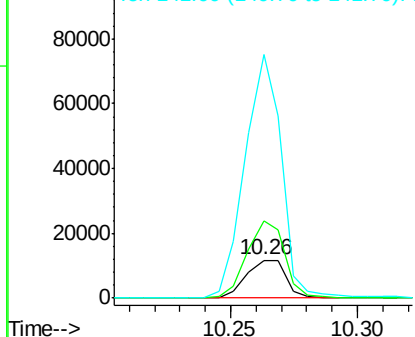


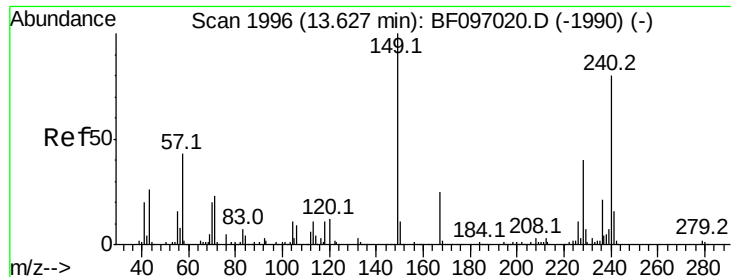
#66
 4-Bromophenyl-phenylether
 Concen: 3.867 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.26 min
 Lab File: BF097275.D
 Acq: 2 Aug 2017 16:06

Tgt Ion:248 Resp: 12741
 Ion Ratio Lower Upper
 248 100
 250 204.6 76.8 115.2#
 141 646.5 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: 13.57 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BF097275.D

Acq: 2 Aug 2017 16:06

Instrument :

BNA_F

ClientSampleId :

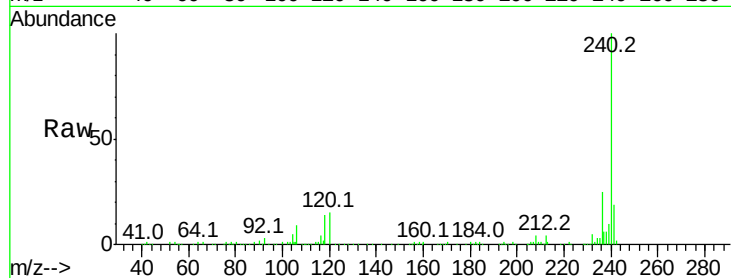
Tot Ion:240 Resp: 256645

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

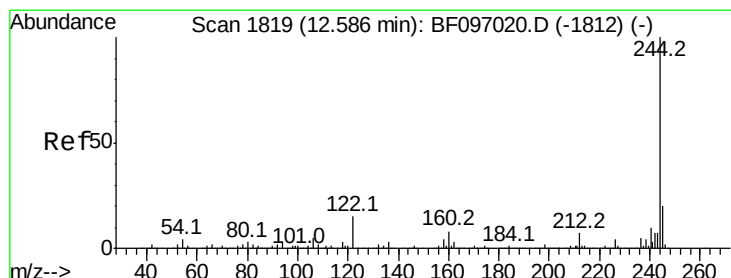
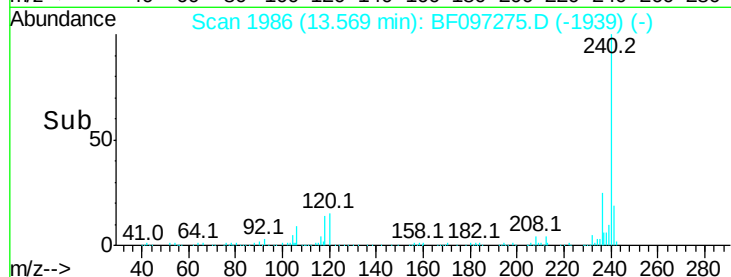
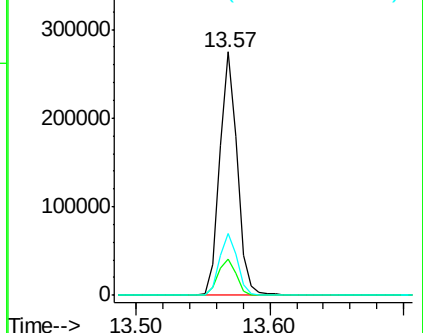
236 25.5 20.5 30.7



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: 65.671 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF097275.D

Acq: 2 Aug 2017 16:06

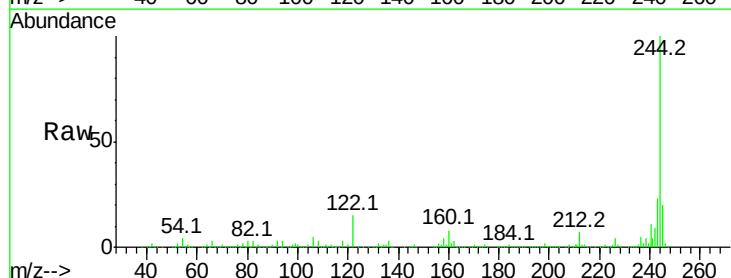
Tgt Ion:244 Resp: 826654

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

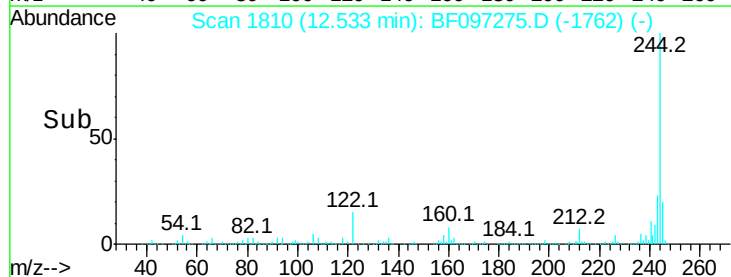
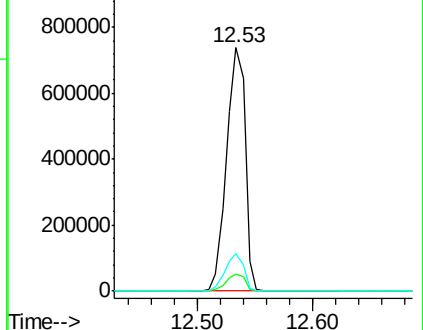
122 15.3 10.3 15.5

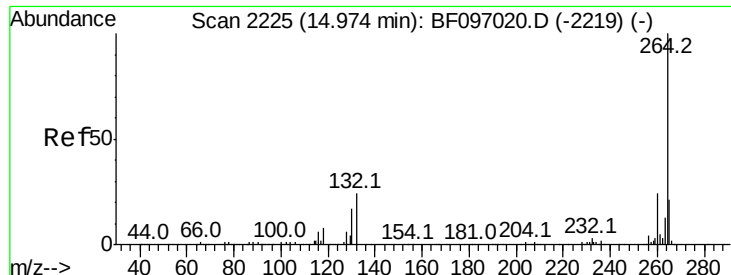


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

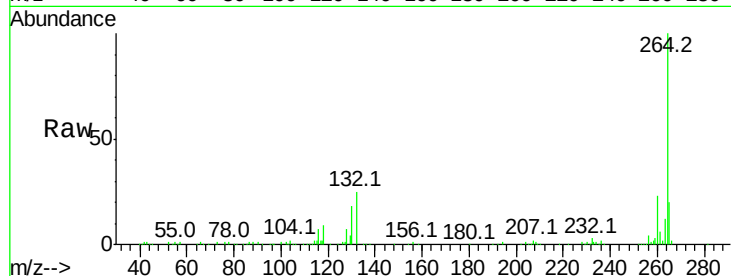




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF097275.D
Acq: 2 Aug 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.3	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

