

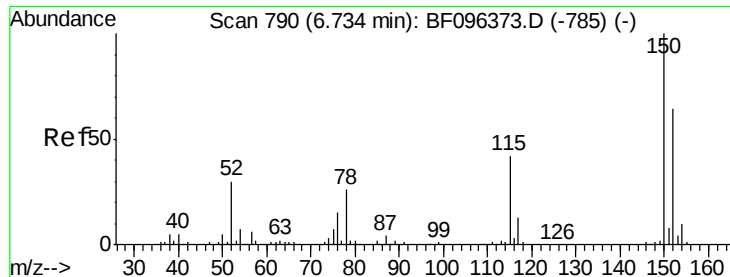
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096577.D
 Acq On : 7 Jul 2017 23:40
 Operator : SJ/MA
 Sample : I4070-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 01:05:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	114096	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	468149	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	198899	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	297353	20.00	ng	0.00
75) Chrysene-d12	13.83	240	218943	20.00	ng	-0.01
86) Perylene-d12	15.23	264	217637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	767670	99.31	ng	0.00
7) Phenol-d6	6.34	99	928582	97.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	545481	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	163676	105.35	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	864997	74.36	ng	0.00
78) Terphenyl-d14	12.79	244	564665	55.11	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	29410	2.72	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	71761	12.68	ng	# 89
25) Isophorone	7.26	82	543259	35.96	ng	# 67
49) Dimethylphthalate	9.45	163	99389	6.69	ng	98
50) 2,6-Dinitrotoluene	9.73	165	25763	7.85	ng	# 33
56) 2,4-Dinitrotoluene	9.73	165	25763	6.20	ng	# 33
66) 4-Bromophenyl-phenylether	10.51	248	11477	3.96	ng	# 1

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

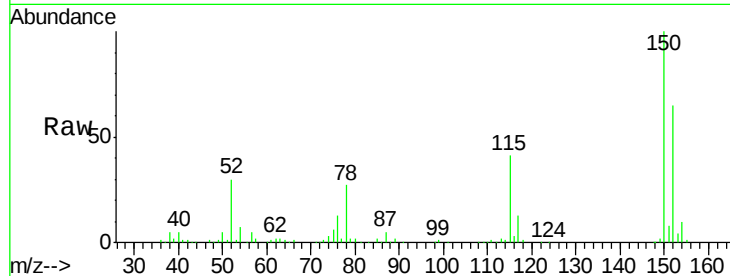


#1

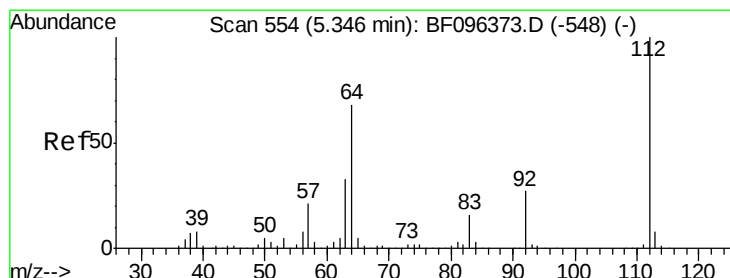
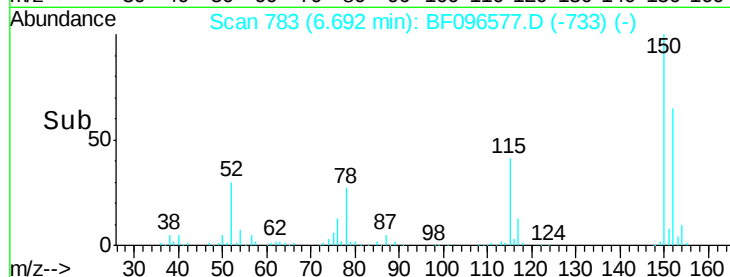
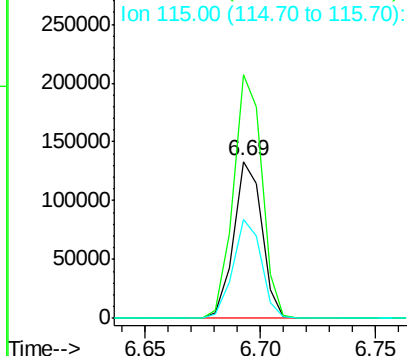
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114096
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 63.3 52.2 78.2



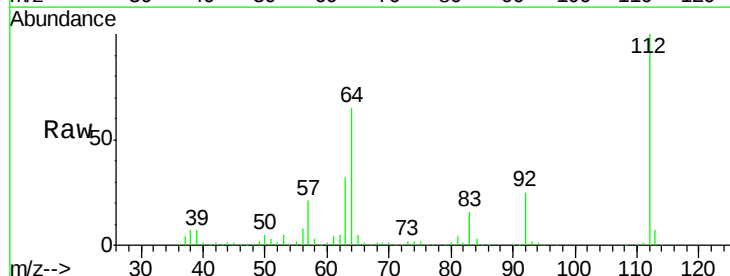
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



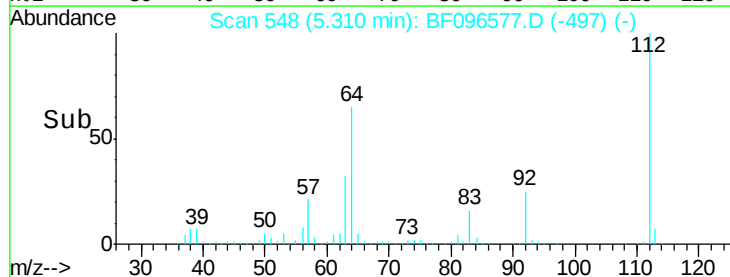
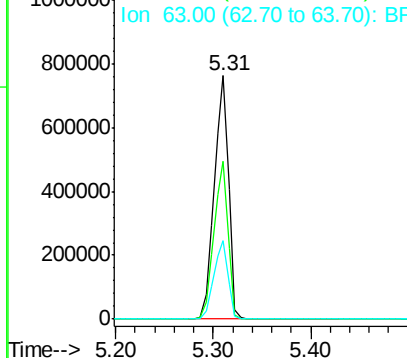
#5

2-Fluorophenol
Concen: 99.31 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion:112 Resp: 767670
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 32.2 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: 97.71 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

Instrument :

BNA_F

ClientSampled :

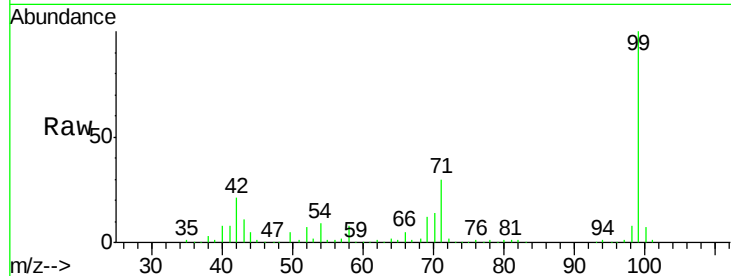
Tot Ion: 99 Resp: 928582

Ion Ratio Lower Upper

99 100

42 21.0 13.5 20.3#

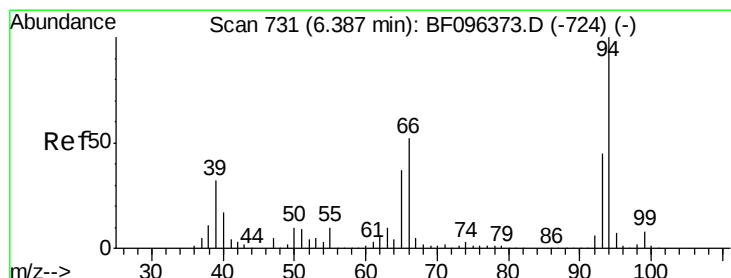
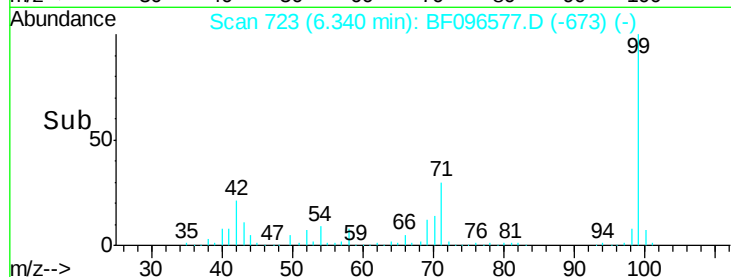
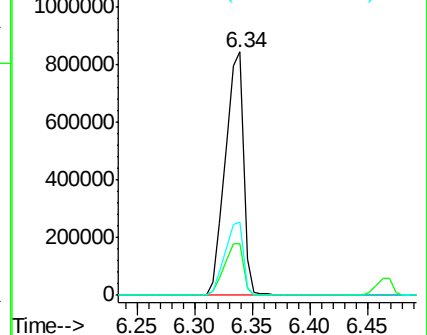
71 30.3 24.5 36.7



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



#10

Phenol

Concen: 2.72 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

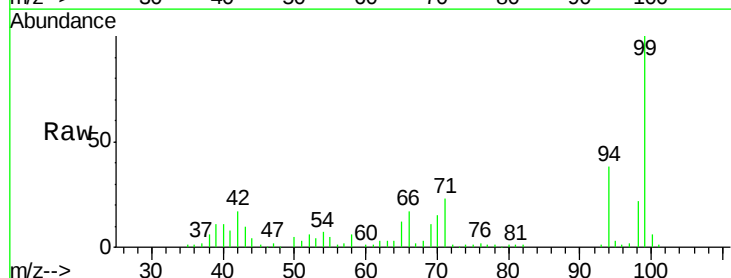
Tgt Ion: 94 Resp: 29410

Ion Ratio Lower Upper

94 100

65 32.6 9.9 49.9

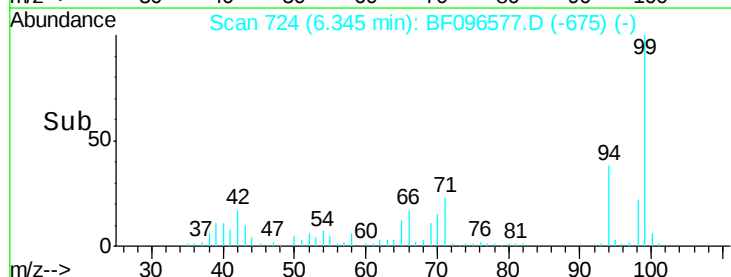
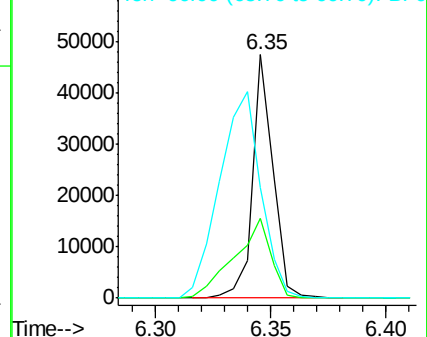
66 45.3 23.1 63.1

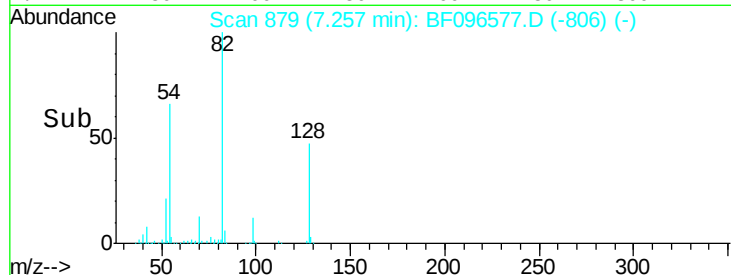
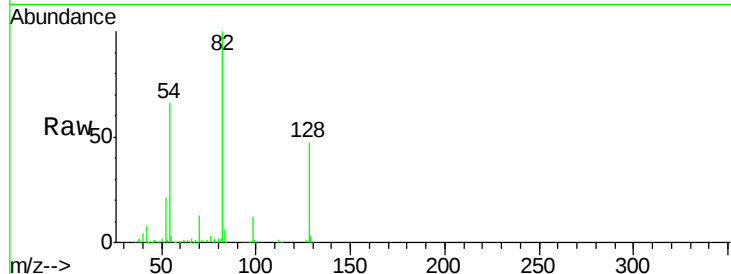


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

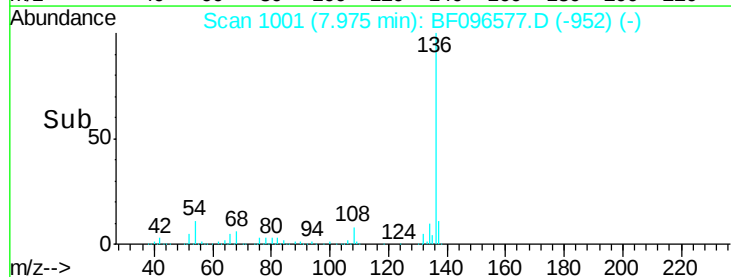
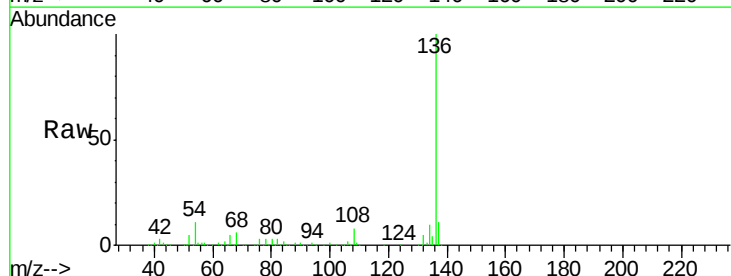
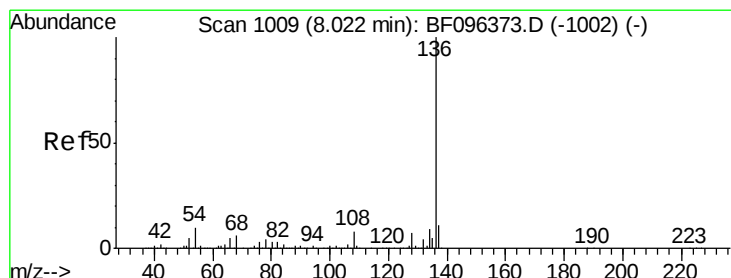
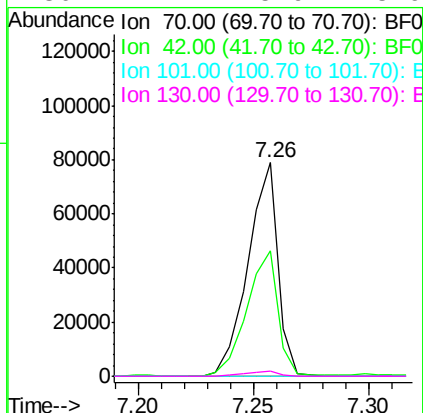




#19
n-Nitroso-di-n-propylamine
Concen: 12.68 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.13 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

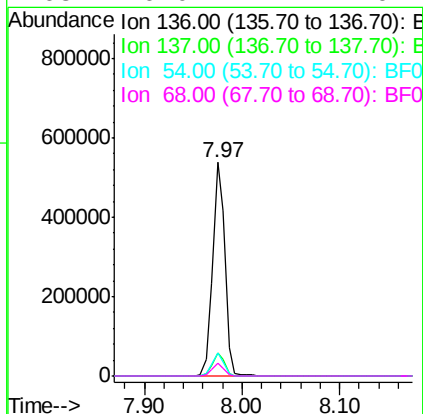
Instrument :
BNA_F
ClientSampleId :

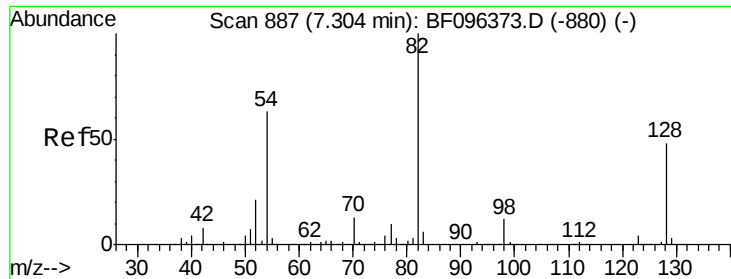
Tot Ion:	70	Resp:	71761
Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion:	136	Resp:	468149
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.6	4.9	7.3#
68	6.0	4.1	6.1

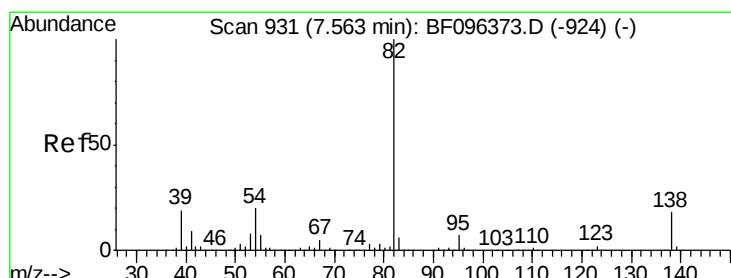
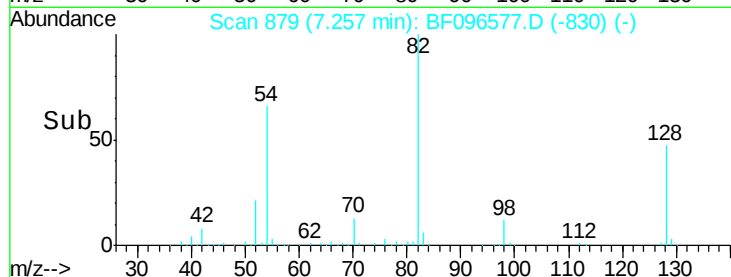
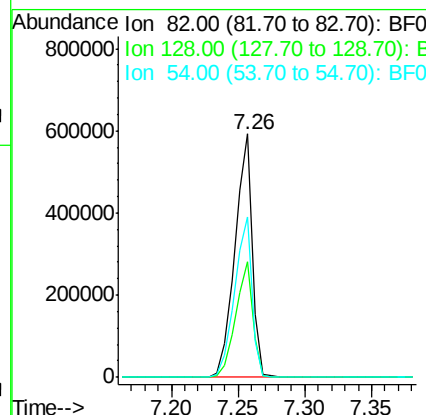
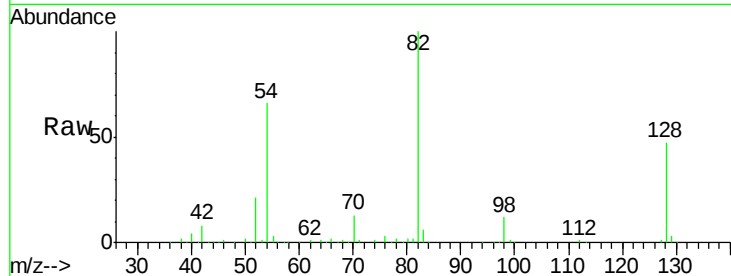




#23
Nitrobenzene-d5
Concen: 70.02 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

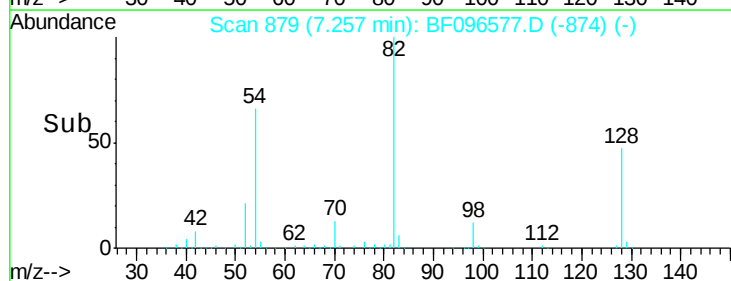
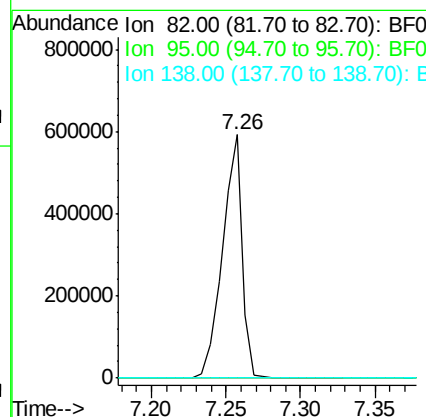
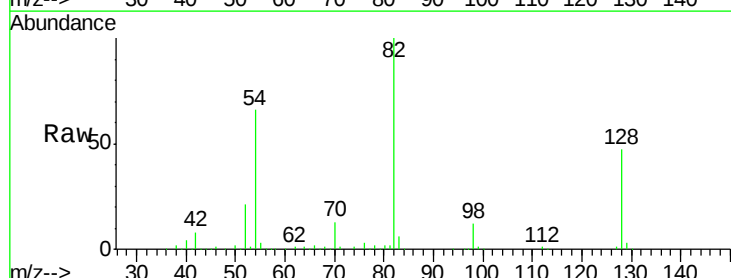
Instrument :
BNA_F
ClientSampleId :

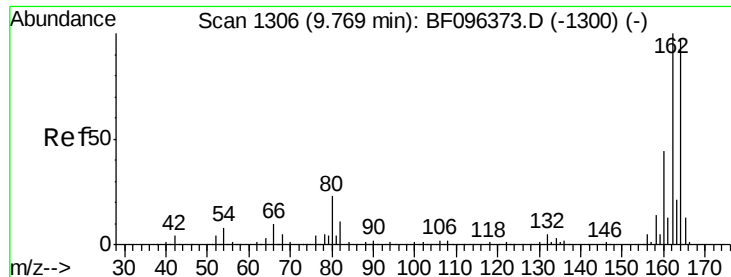
Tot Ion: 82 Resp: 545481
Ion Ratio Lower Upper
82 100
128 47.3 34.0 51.0
54 66.0 42.2 63.2#



#25
Isophorone
Concen: 35.96 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.27 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion: 82 Resp: 543259
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

Instrument :

BNA_F

ClientSampleId :

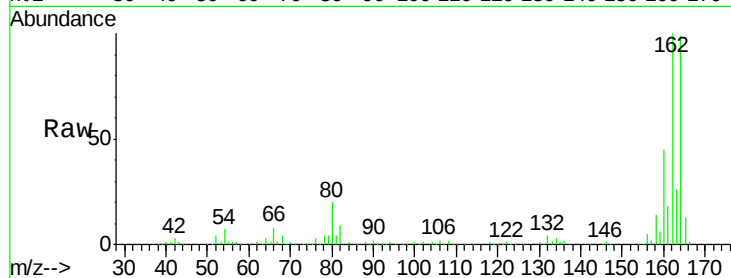
Tot Ion:164 Resp: 198899

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

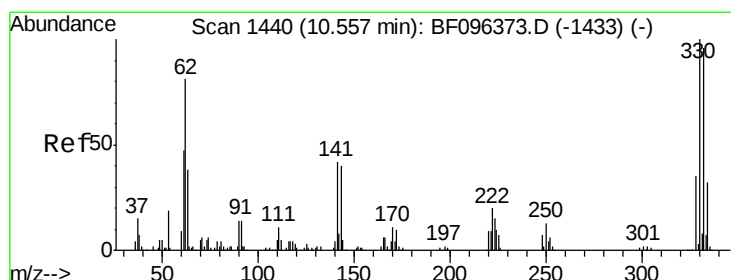
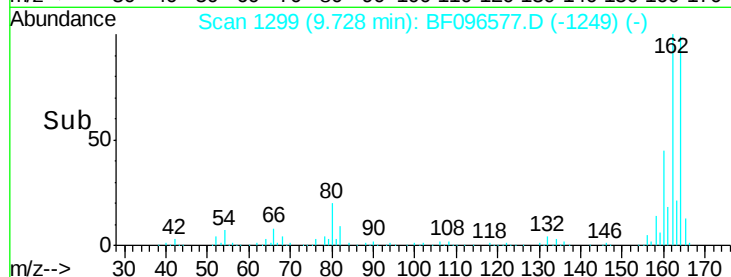
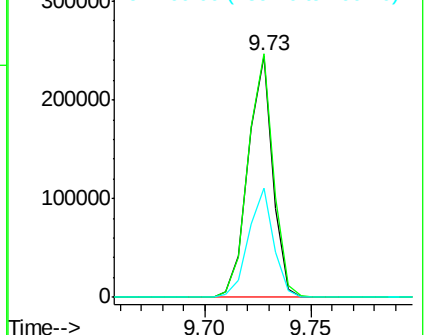
160 45.3 36.2 54.2



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: 105.35 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

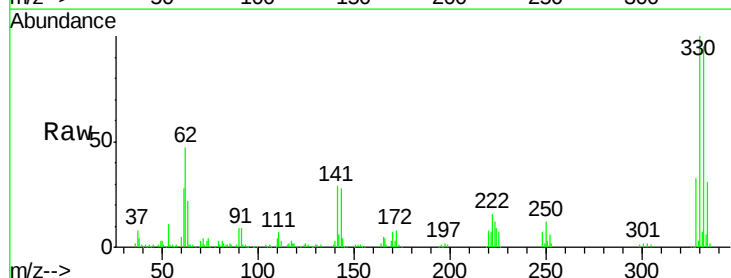
Tgt Ion:330 Resp: 163676

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

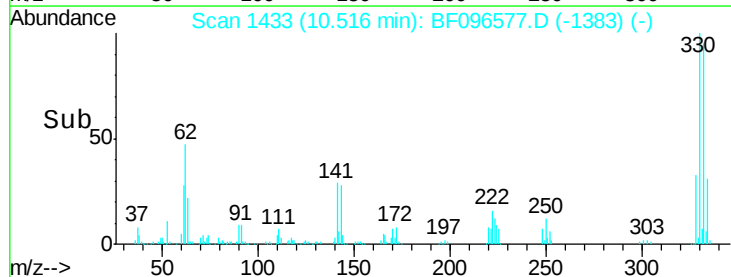
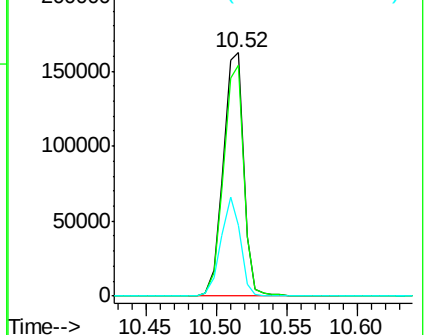
141 38.6 31.4 47.2

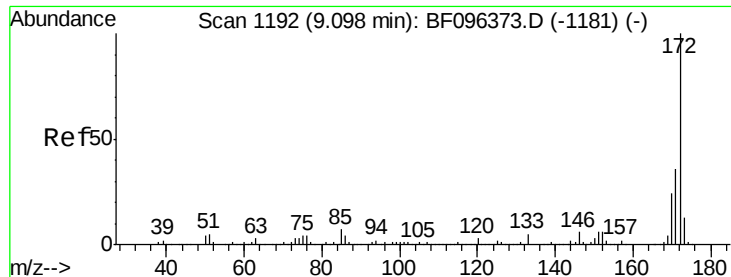


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

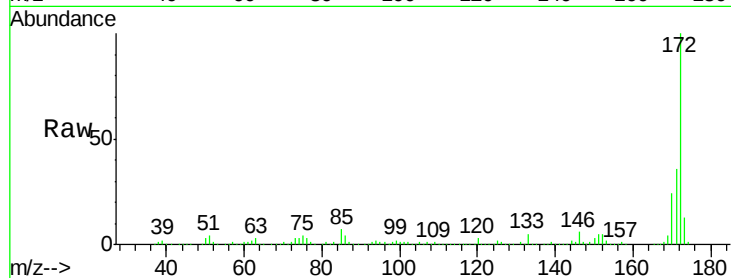




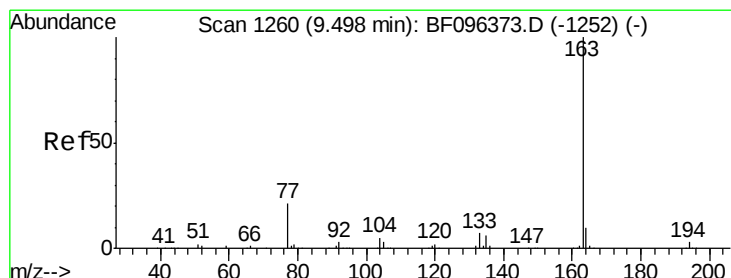
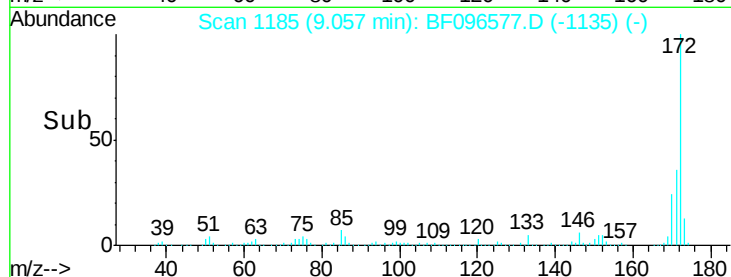
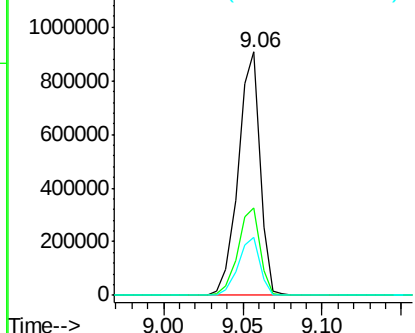
#44
 2-Fluorobiphenyl
 Concen: 74.36 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096577.D
 Acq: 7 Jul 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.8	19.8	29.8

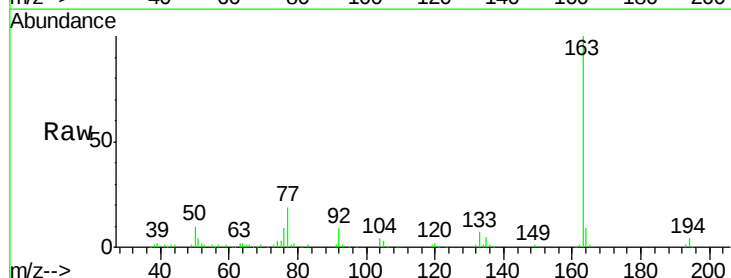


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

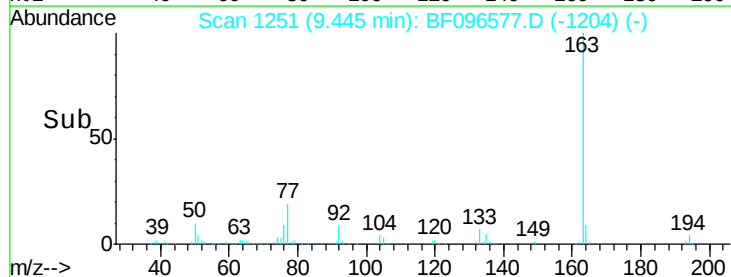
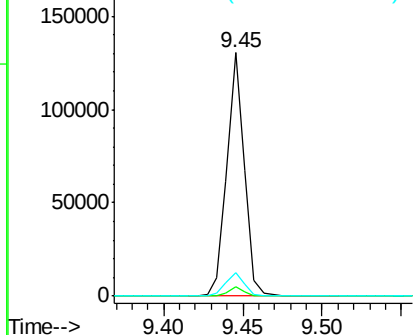


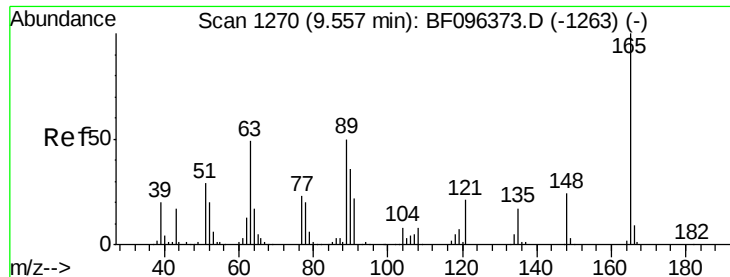
#49
 Dimethylphthalate
 Concen: 6.69 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096577.D
 Acq: 7 Jul 2017 23:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.4	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

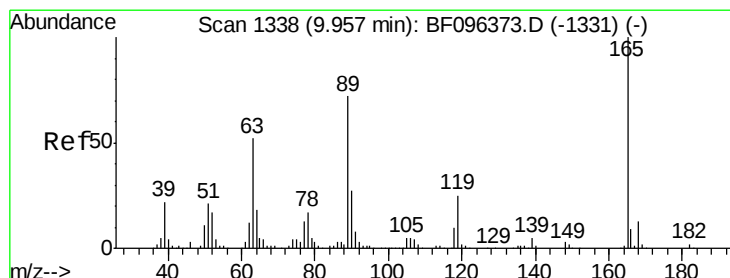
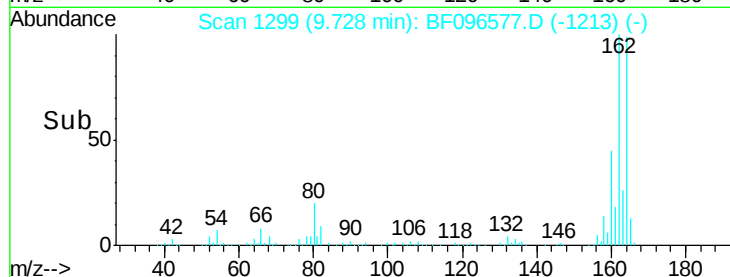
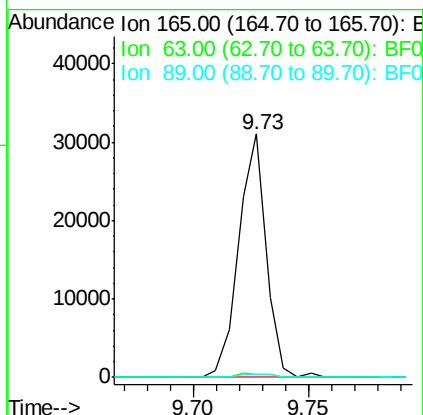
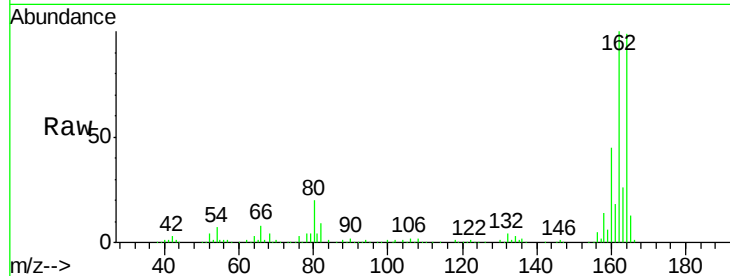




#50
 2,6-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF096577.D
 Acq: 7 Jul 2017 23:40

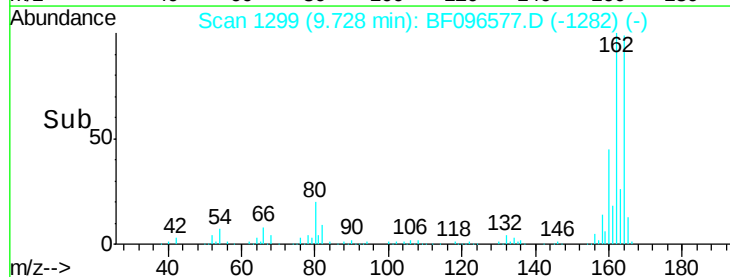
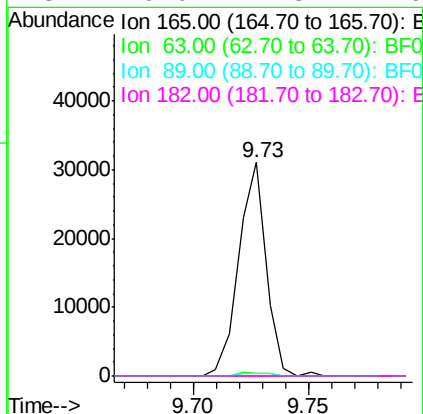
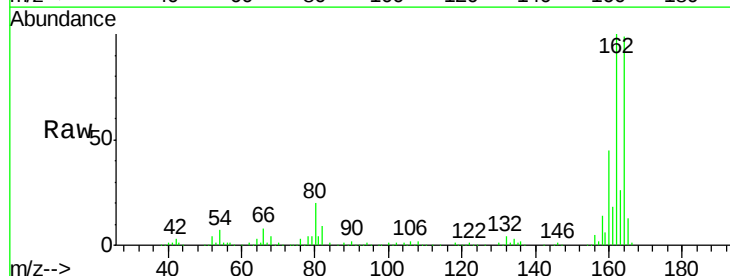
Instrument :
 BNA_F
 ClientSampleId :

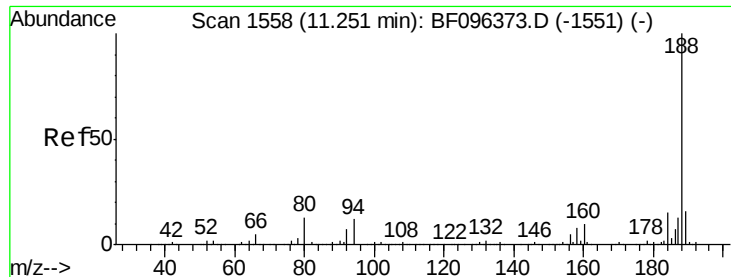
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.4	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF096577.D
 Acq: 7 Jul 2017 23:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

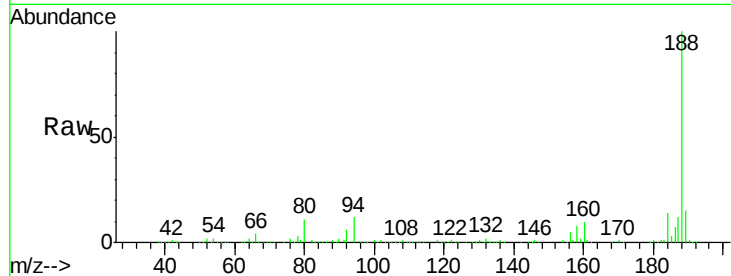




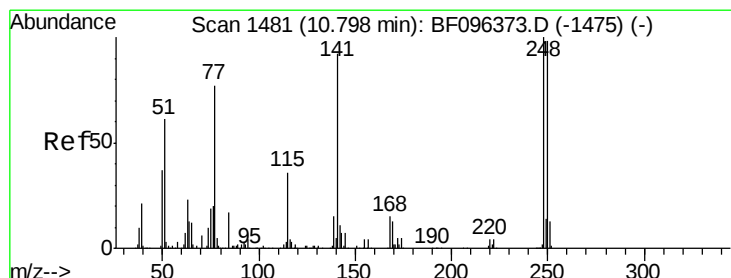
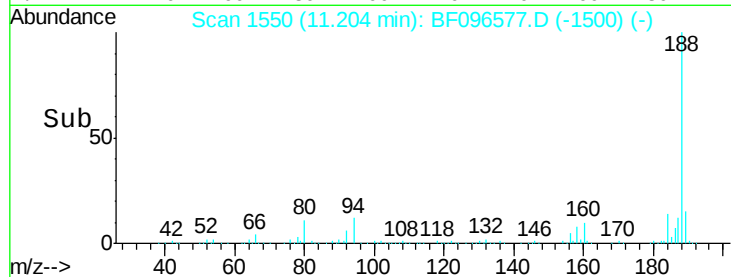
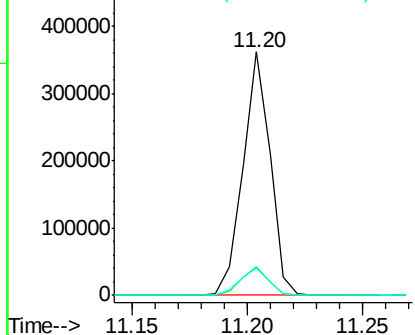
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	188	94	80	Ratio	Lower	Upper
188	100					
94	11.8			9.4	14.2	
80	11.4			10.2	15.2	

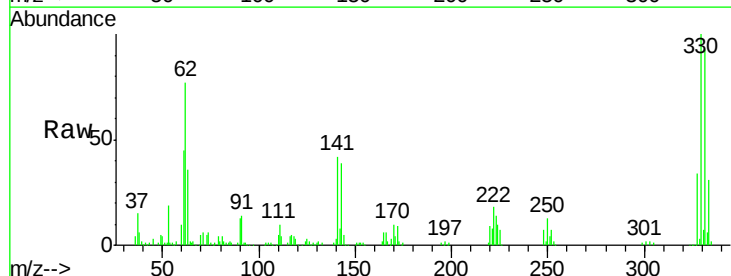


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

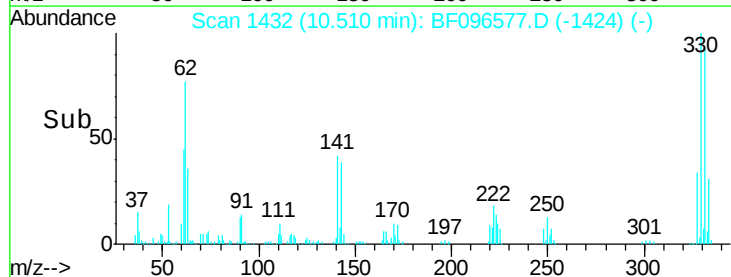
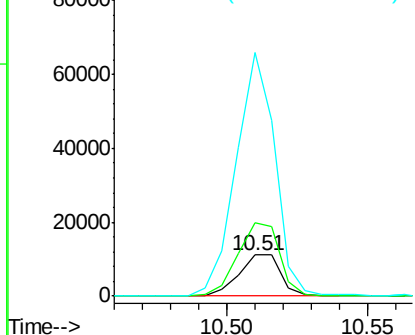


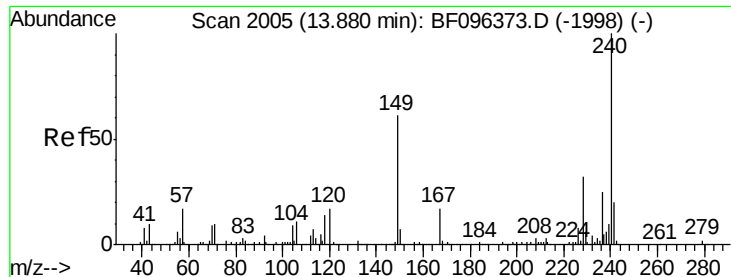
#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Tgt Ion	248	250	141	Ratio	Lower	Upper
248	100					
250	176.6			76.8	115.2#	
141	590.1			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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

Instrument :

BNA_F

ClientSampleId :

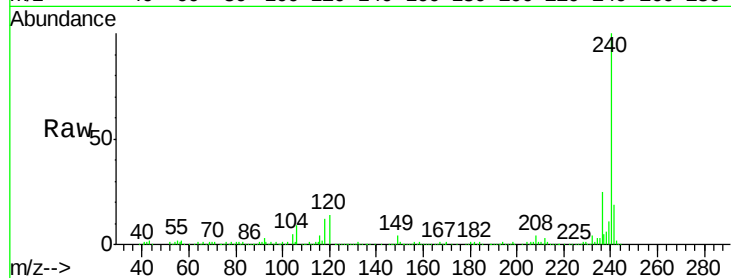
Tot Ion:240 Resp: 218943

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

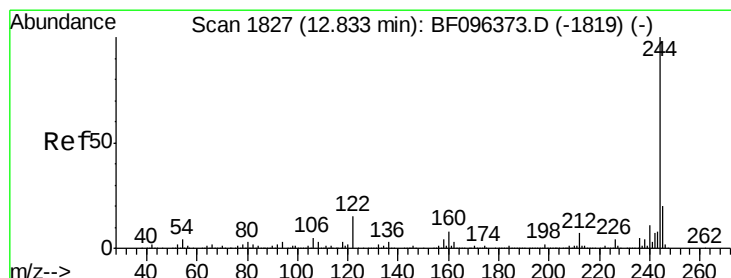
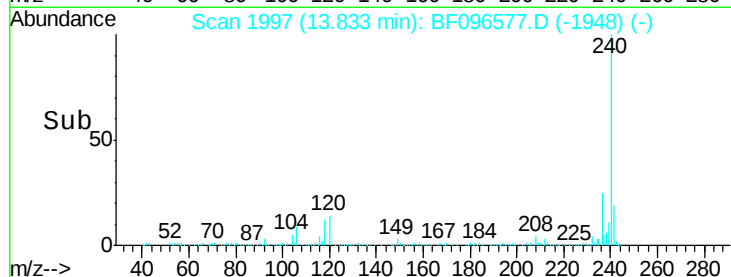
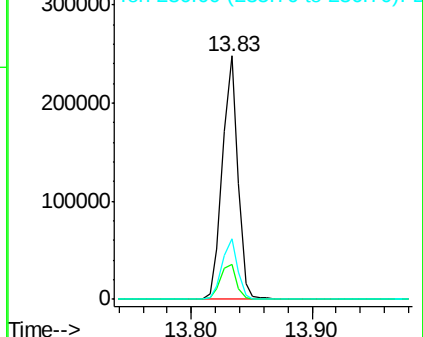
236 25.1 20.5 30.7



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: 55.11 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096577.D

Acq: 7 Jul 2017 23:40

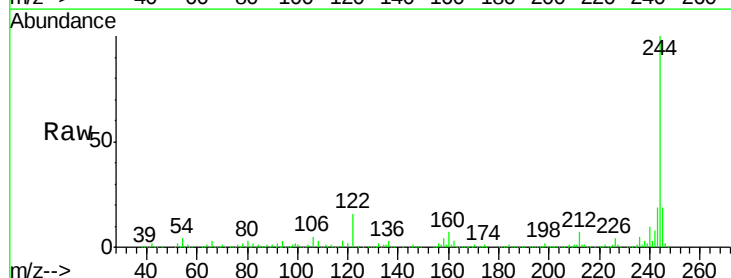
Tgt Ion:244 Resp: 564665

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

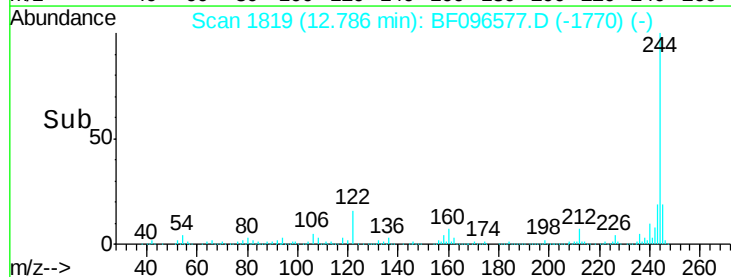
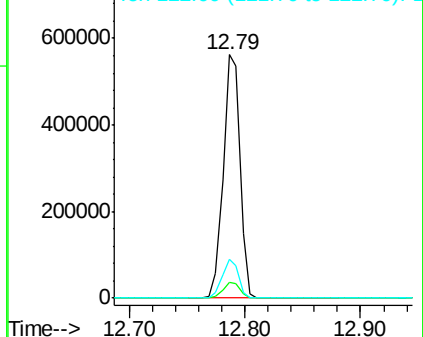
122 16.1 10.3 15.5#

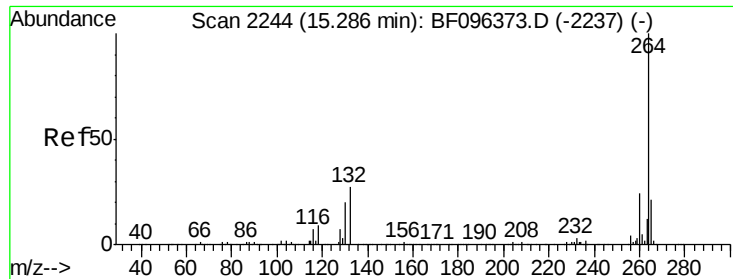


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

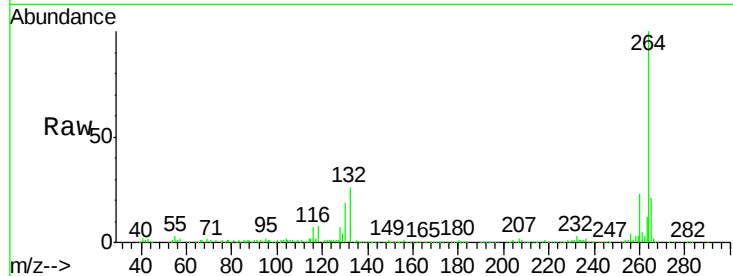




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096577.D
Acq: 7 Jul 2017 23:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

