

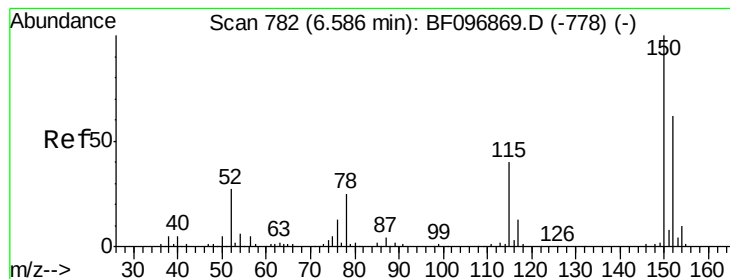
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096877.D
 Acq On : 19 Jul 2017 18:35
 Operator : SJ/JU
 Sample : I4243-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 00:52:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	97519	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	404621	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	182894	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	349133	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	246626	20.00	ng	-0.02
86) Perylene-d12	15.09	264	195432	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	680928	104.99	ng	0.00
7) Phenol-d6	6.24	99	767829	98.65	ng	-0.01
23) Nitrobenzene-d5	7.15	82	445368	68.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	173376	111.06	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	831753	71.85	ng	-0.02
78) Terphenyl-d14	12.68	244	737705	51.88	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	30135	3.43	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.15	70	61102	13.03	ng	# 84
25) Isophorone	7.15	82	442428	36.41	ng	# 67
49) Dimethylphthalate	9.35	163	239692	17.41	ng	99
56) 2,4-Dinitrotoluene	9.62	165	22745	5.93	ng	# 33
66) 4-Bromophenyl-phenylether	10.40	248	10972	3.08	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.37	276	4459	3.63	ng	# 90

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

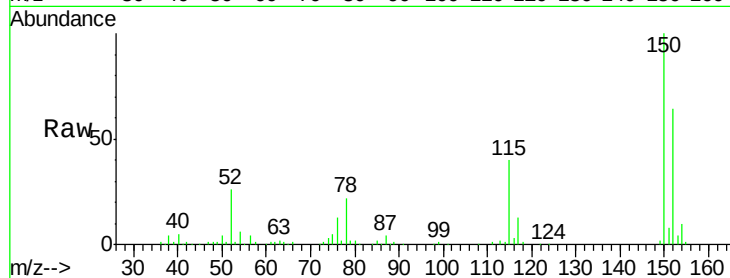


#1

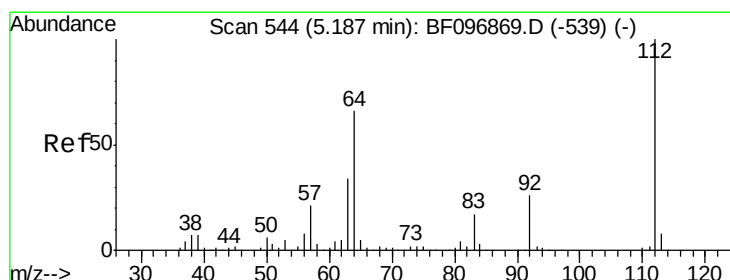
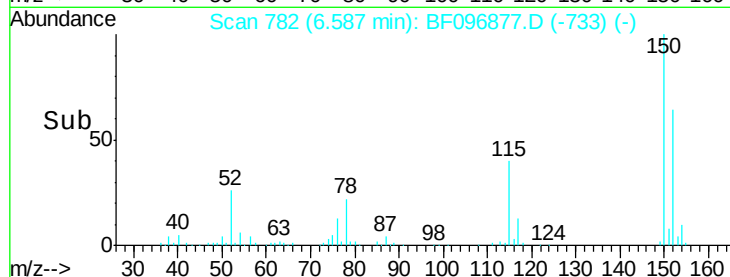
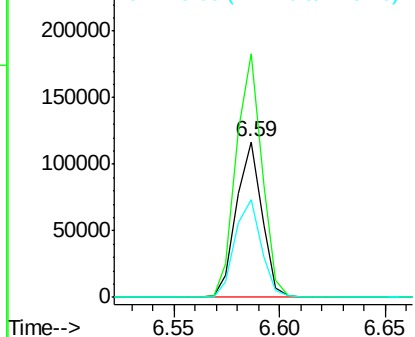
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97519
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 62.4 52.2 78.2



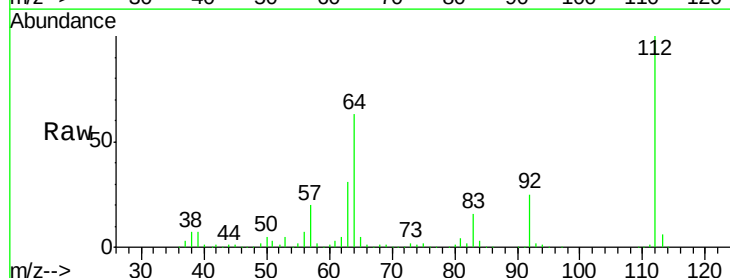
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



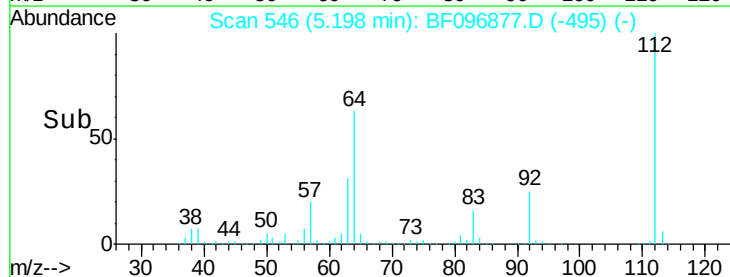
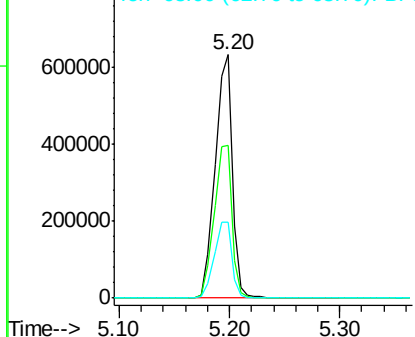
#5

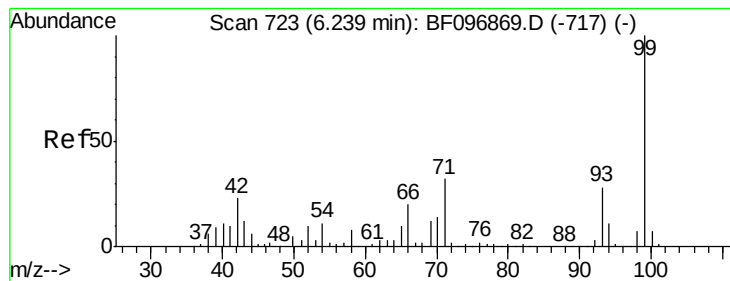
2-Fluorophenol
Concen: 104.99 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Tgt Ion:112 Resp: 680928
Ion Ratio Lower Upper
112 100
64 62.7 46.0 69.0
63 31.4 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: 98.65 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

Instrument :

BNA_F

ClientSampled :

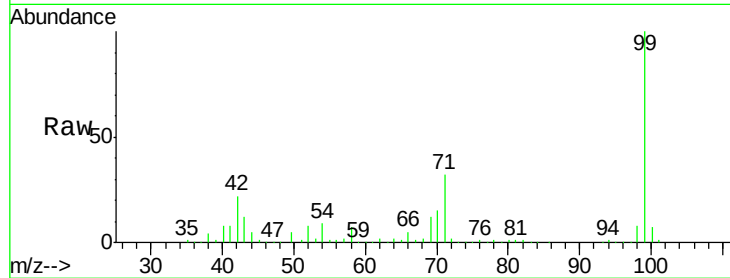
Tot Ion: 99 Resp: 767829

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

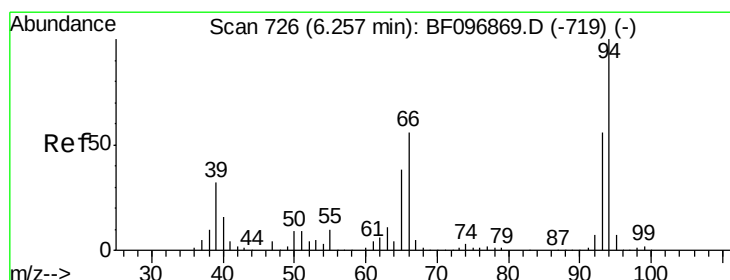
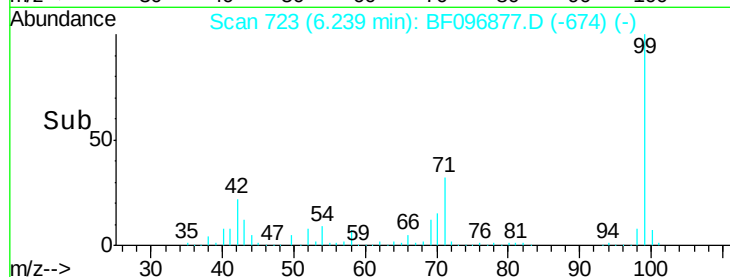
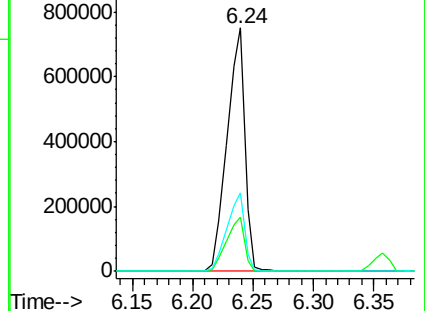
71 32.2 24.5 36.7



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: 3.43 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

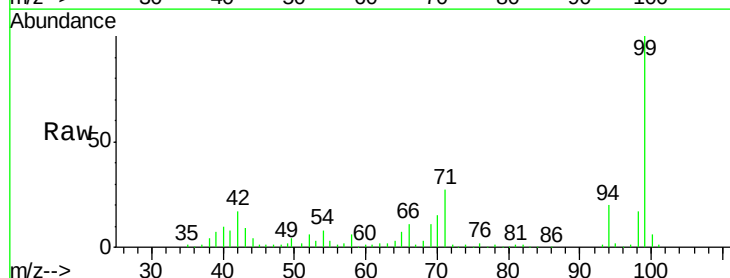
Tgt Ion: 94 Resp: 30135

Ion Ratio Lower Upper

94 100

65 36.3 9.9 49.9

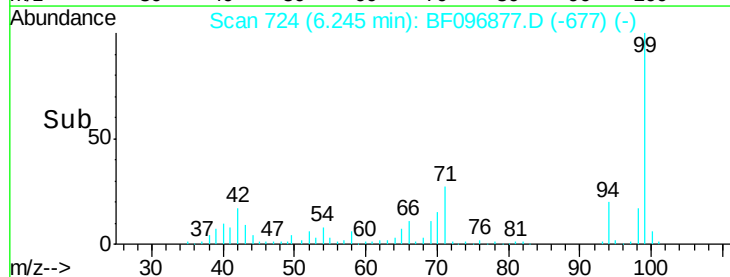
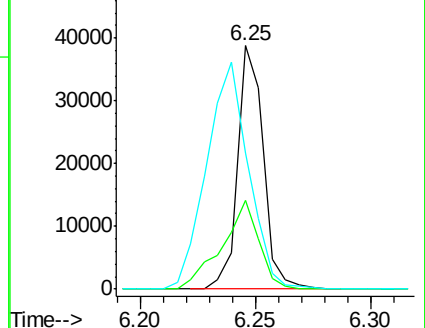
66 56.0 23.1 63.1

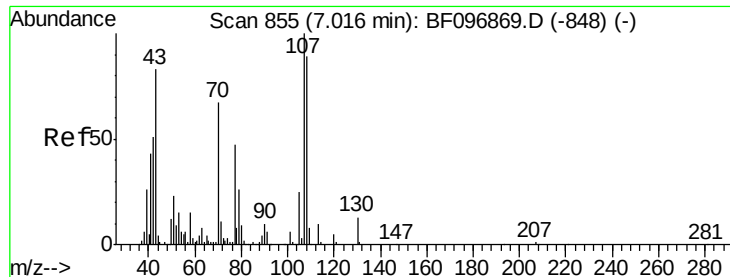


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

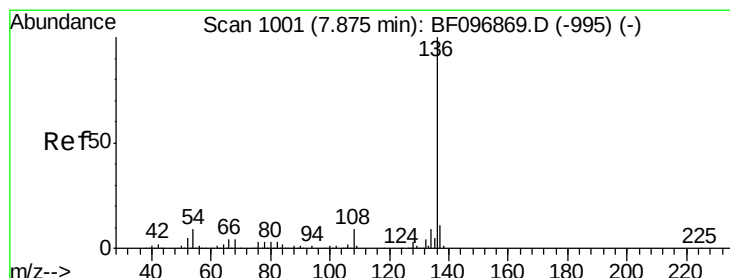
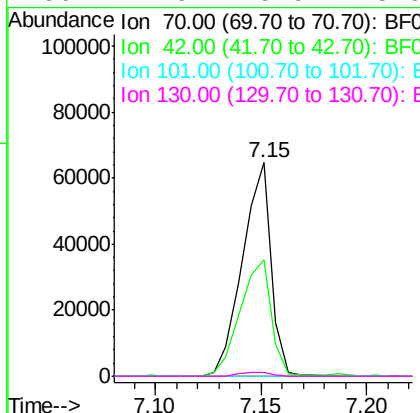
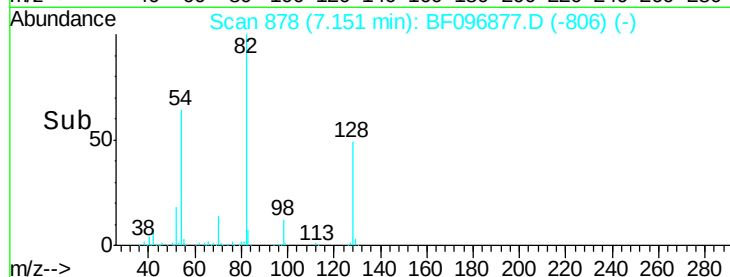
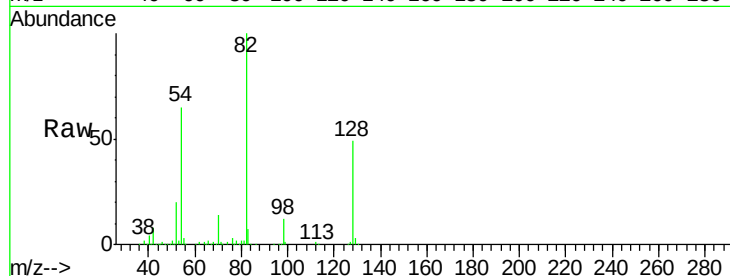




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.15 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

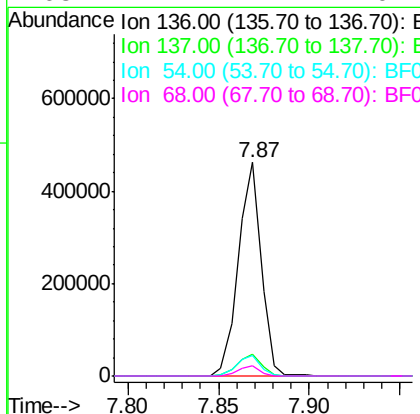
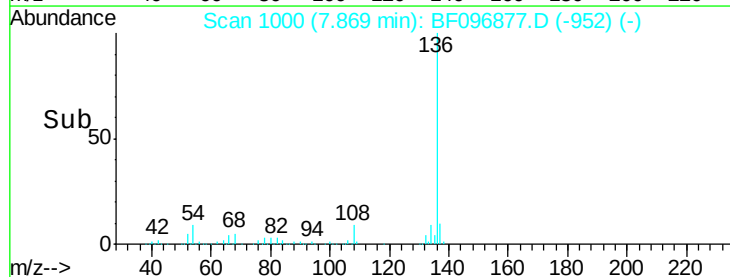
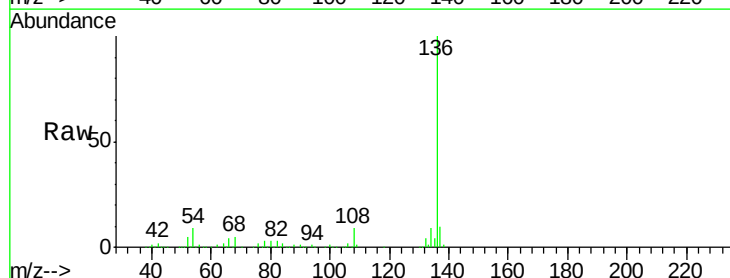
Instrument :
BNA_F
ClientSampleId :

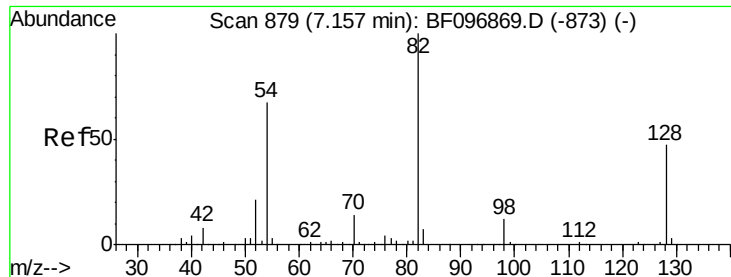
Tot Ion: 70 Resp: 61102
Ion Ratio Lower Upper
70 100
42 54.3 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Tgt Ion:136 Resp: 404621
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.4 4.9 7.3#
68 4.7 4.1 6.1

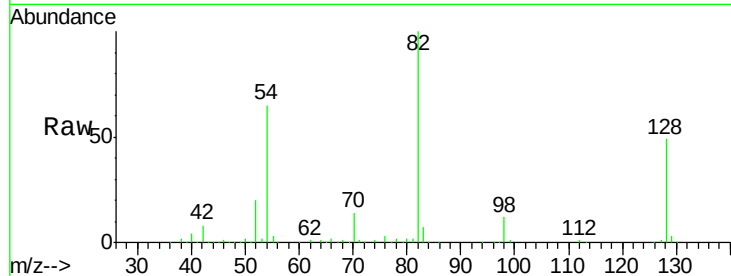




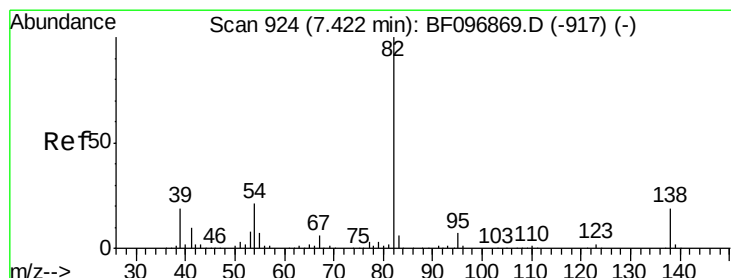
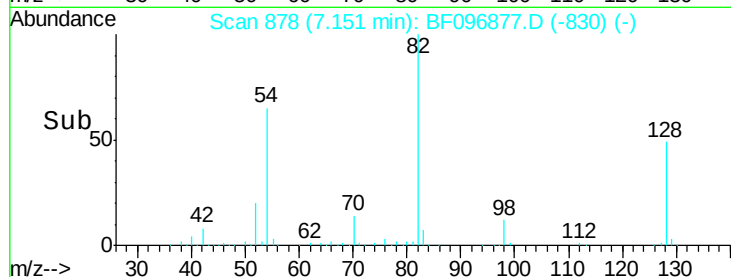
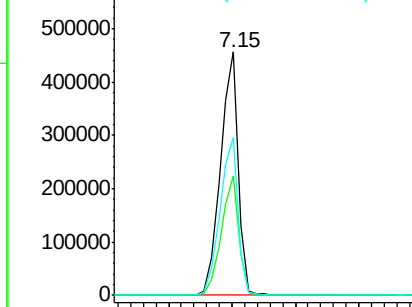
#23
Nitrobenzene-d5
Concen: 68.18 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	445368
Ion Ratio	Lower	Upper	
82	100		
128	49.0	34.0	51.0
54	64.9	42.2	63.2#

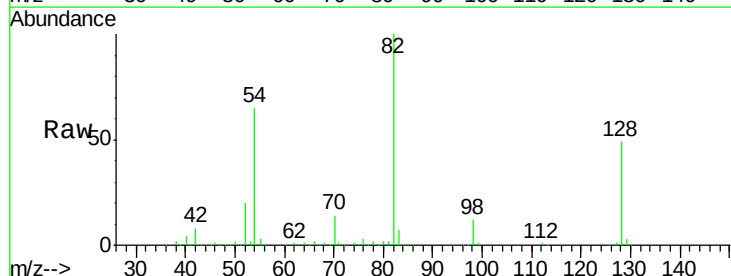


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

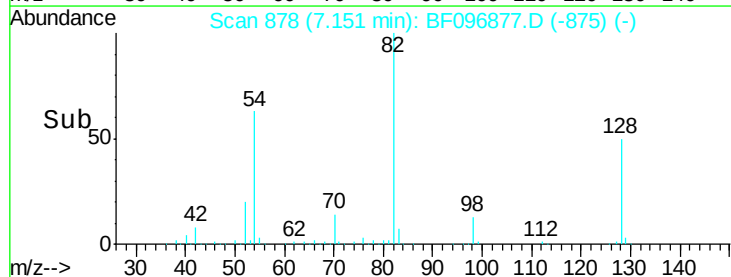
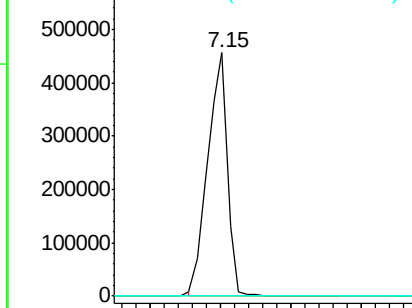


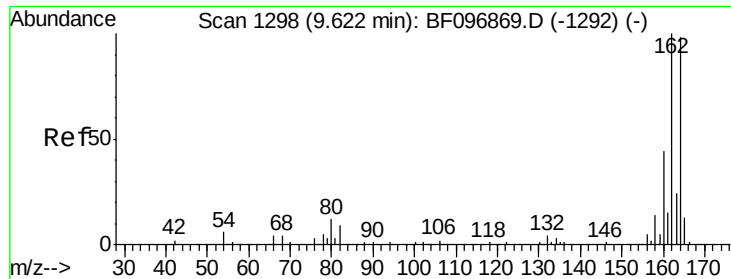
#25
Isophorone
Concen: 36.41 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Tgt Ion	82	Resp	442428
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

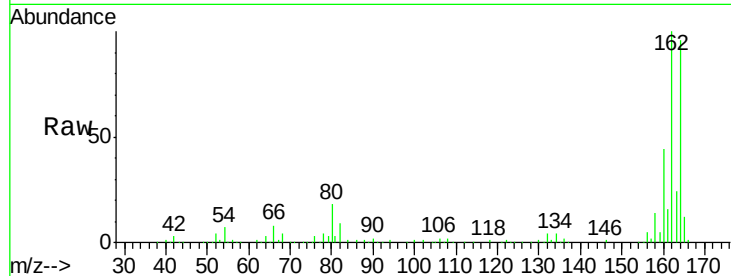




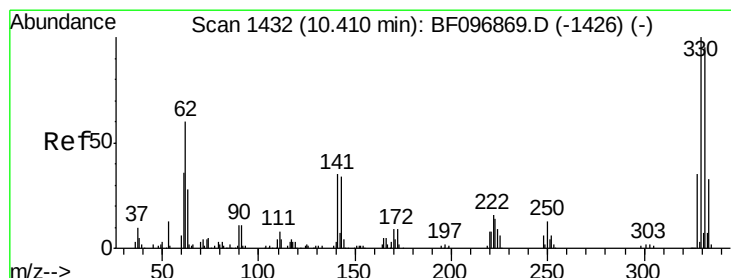
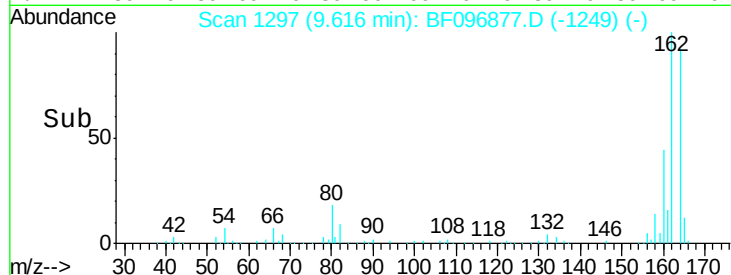
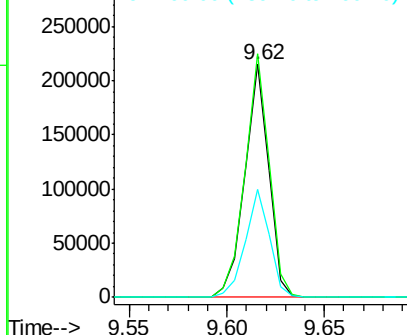
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 182894
Ion Ratio Lower Upper
164 100
162 104.5 82.6 123.8
160 46.2 36.2 54.2

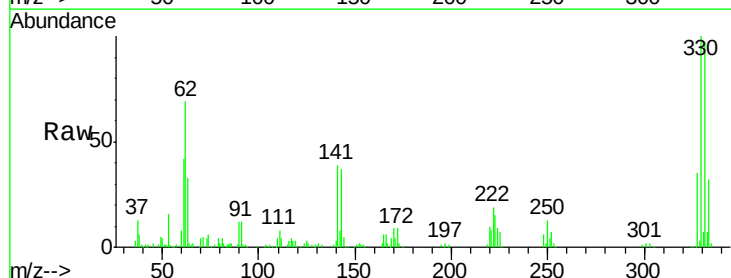


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

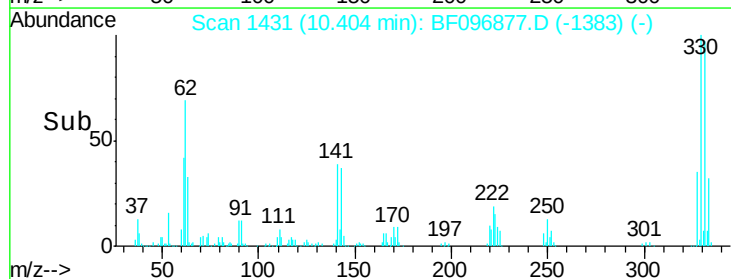
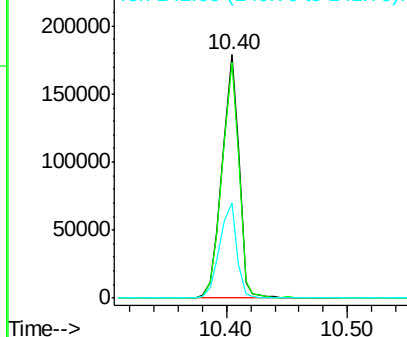


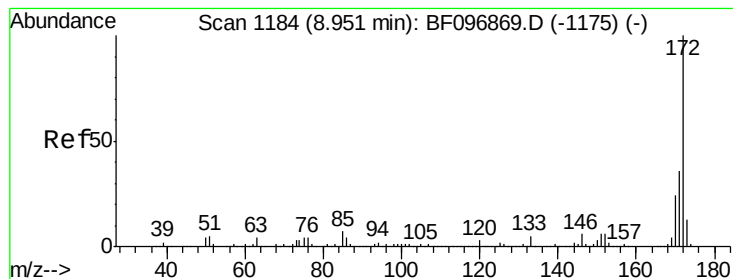
#41
2,4,6-Tribromophenol
Concen: 111.06 ng
RT: 10.40 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Tgt Ion:330 Resp: 173376
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 39.4 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: 71.85 ng

RT: 8.95 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

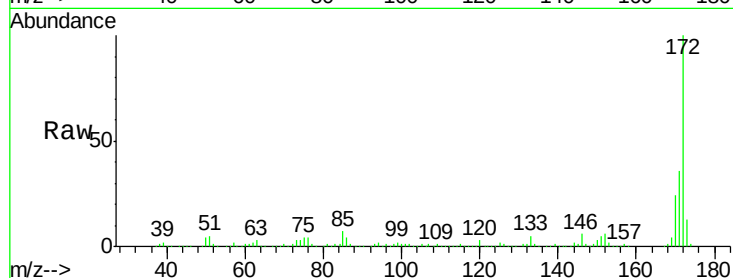
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 831753

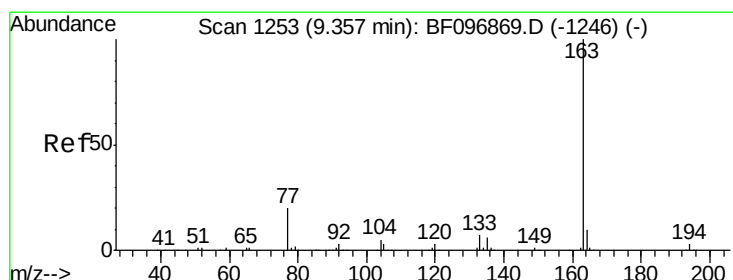
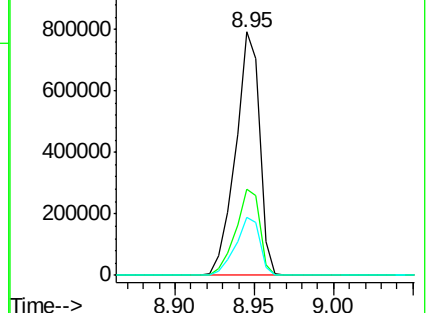
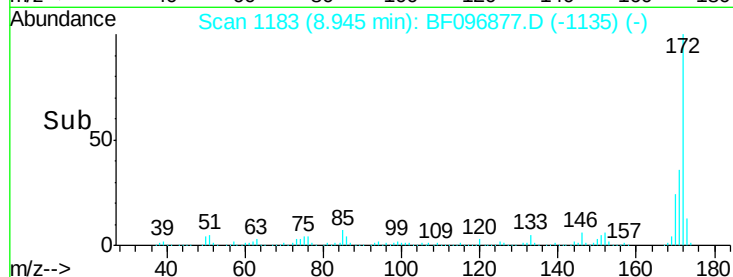
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	19.8	29.8



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: 17.41 ng

RT: 9.35 min Scan# 1251

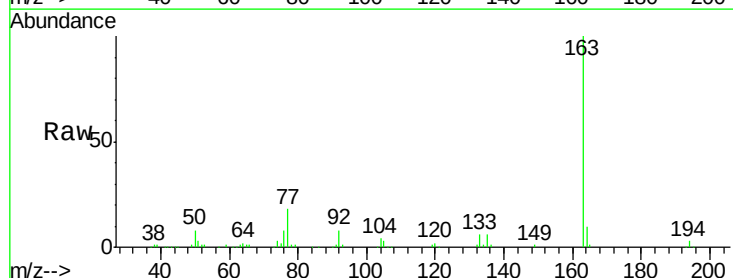
Delta R.T. -0.02 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

Tgt Ion:163 Resp: 239692

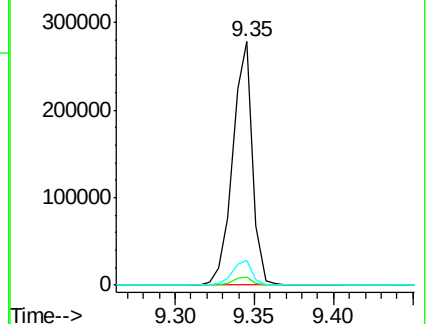
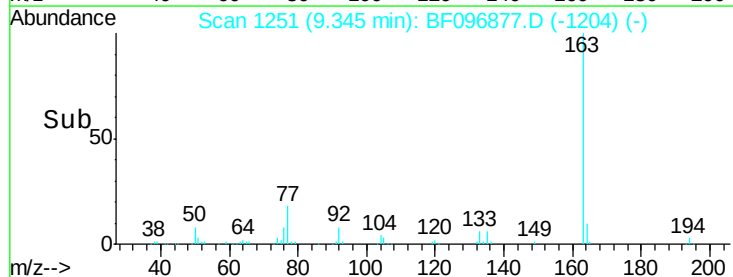
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.1	8.4	12.6

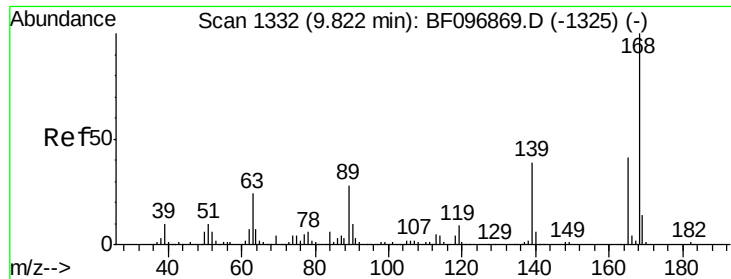


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

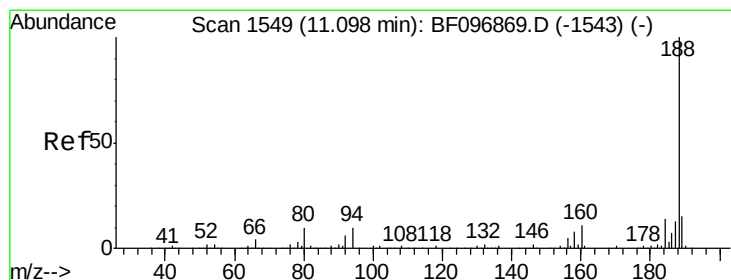
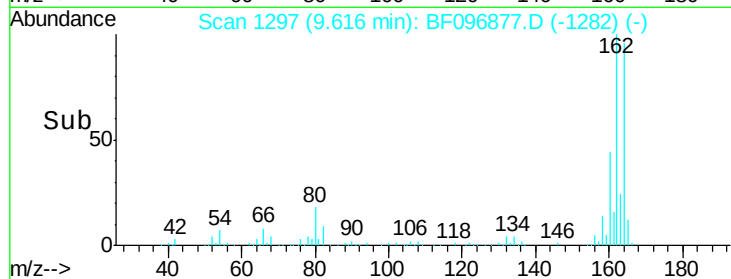
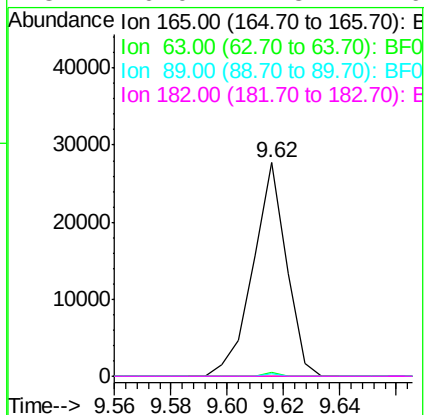
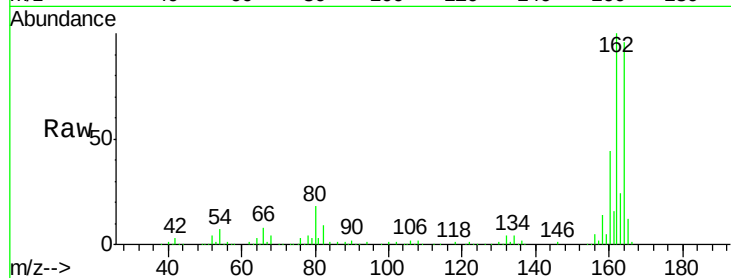




#56
 2,4-Dinitrotoluene
 Concen: 5.93 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096877.D
 Acq: 19 Jul 2017 18:35

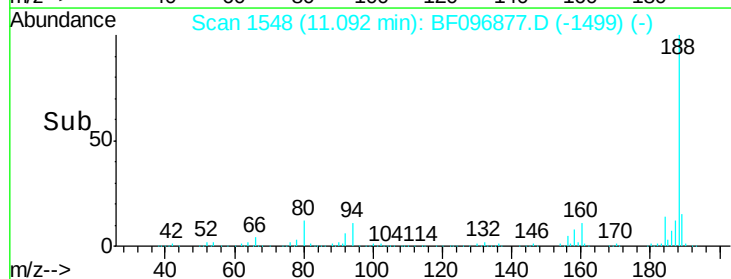
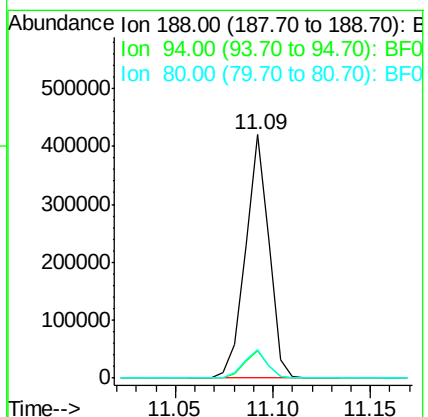
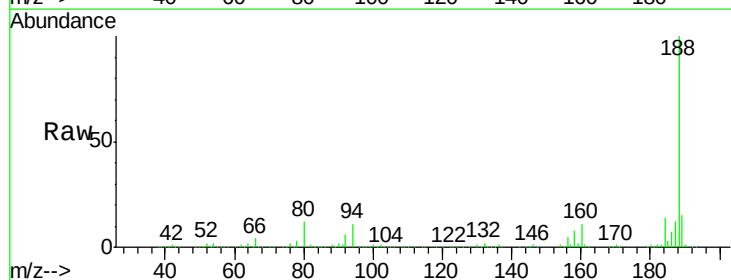
Instrument :
 BNA_F
 ClientSampleId :

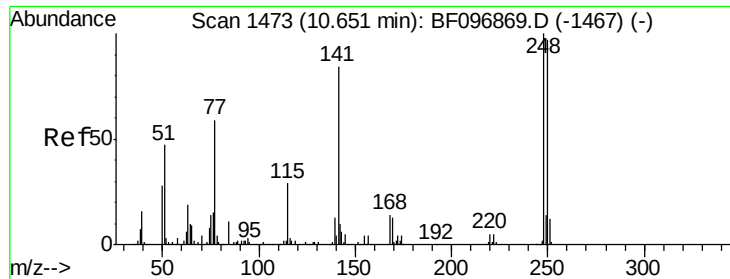
Tot Ion:165 Resp: 22745
 Ion Ratio Lower Upper
 165 100
 63 1.9 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF096877.D
 Acq: 19 Jul 2017 18:35

Tgt Ion:188 Resp: 349133
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.4 14.2
 80 11.7 10.2 15.2

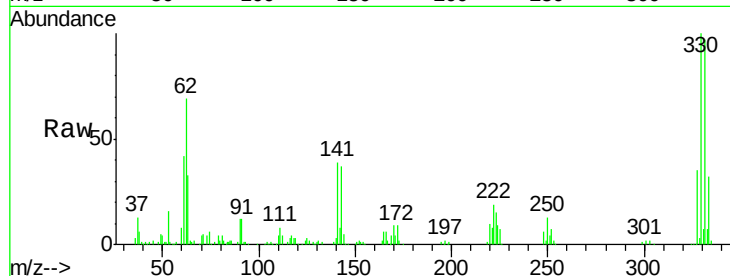




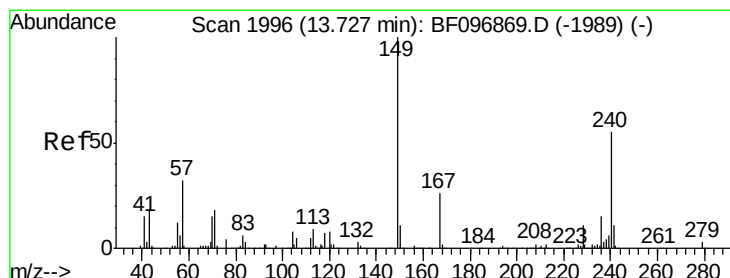
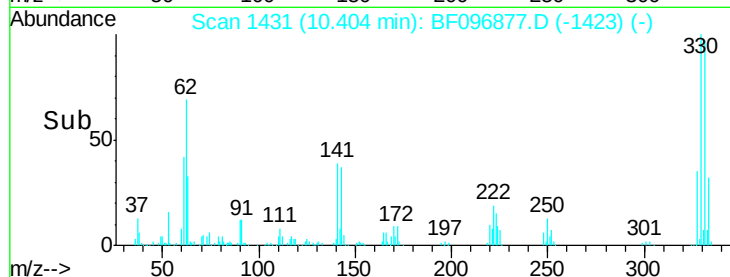
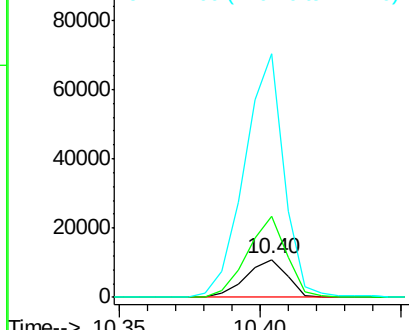
#66
 4-Bromophenyl-phenylether
 Concen: 3.08 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF096877.D
 Acq: 19 Jul 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10972
 Ion Ratio Lower Upper
 248 100
 250 211.9 76.8 115.2#
 141 640.8 68.6 103.0#

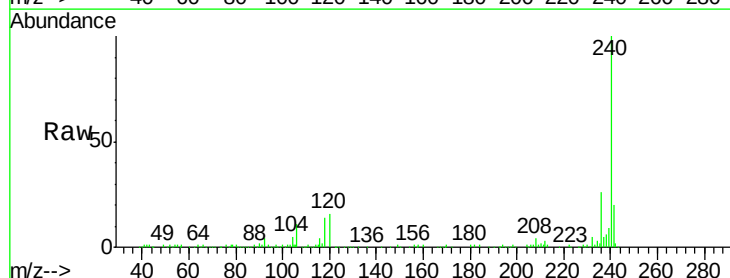


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

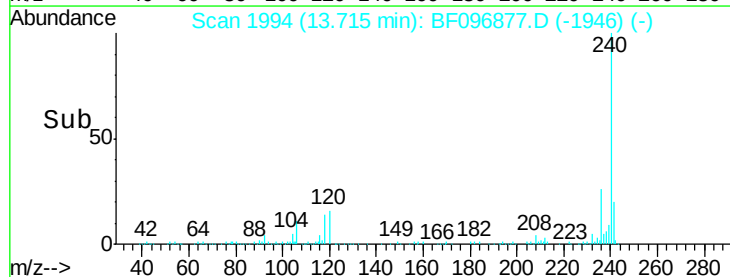
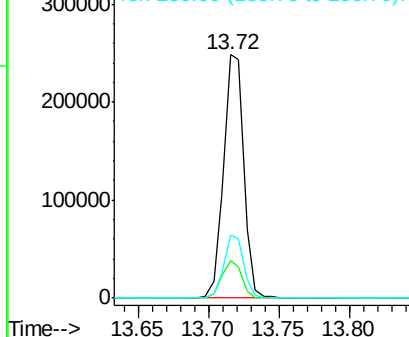


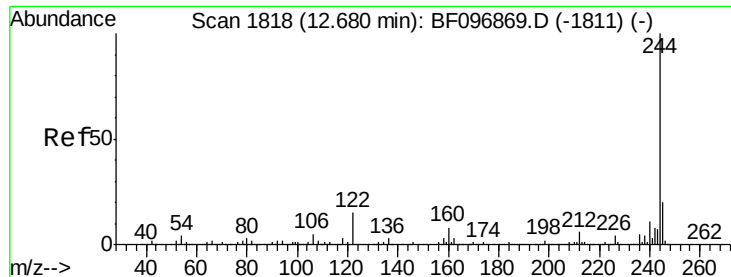
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.72 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF096877.D
 Acq: 19 Jul 2017 18:35

Tgt Ion:240 Resp: 246626
 Ion Ratio Lower Upper
 240 100
 120 15.5 5.8 8.8#
 236 26.1 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: 51.88 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

Instrument :

BNA_F

ClientSampled :

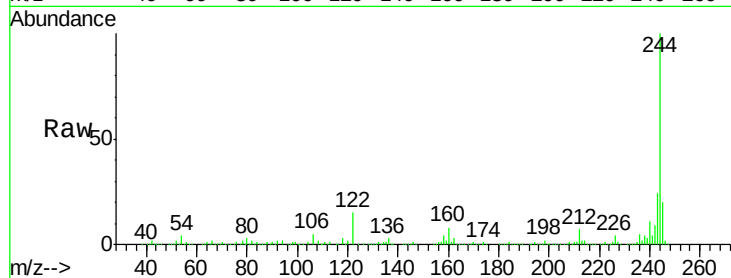
Tot Ion:244 Resp: 737705

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

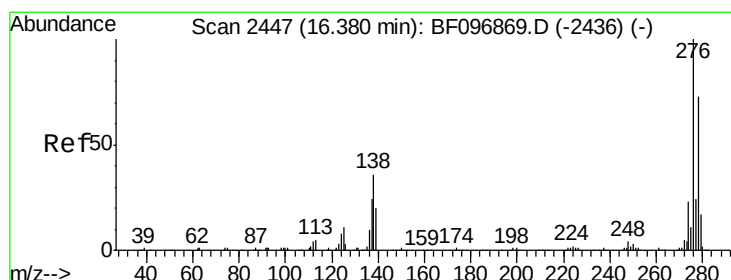
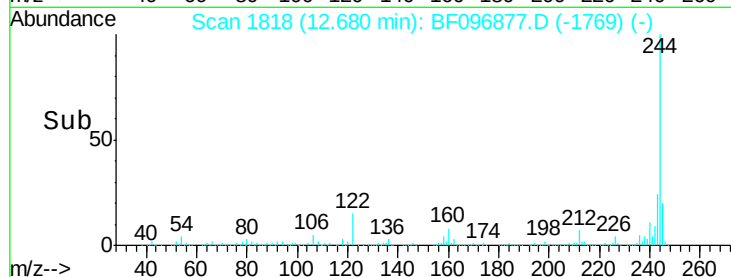
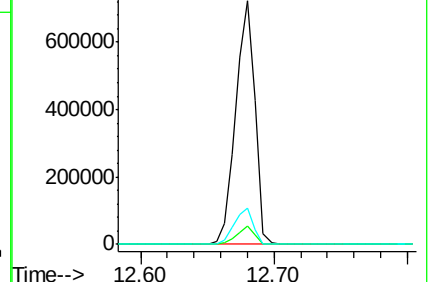
122 15.1 10.3 15.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.63 ng

RT: 16.37 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BF096877.D

Acq: 19 Jul 2017 18:35

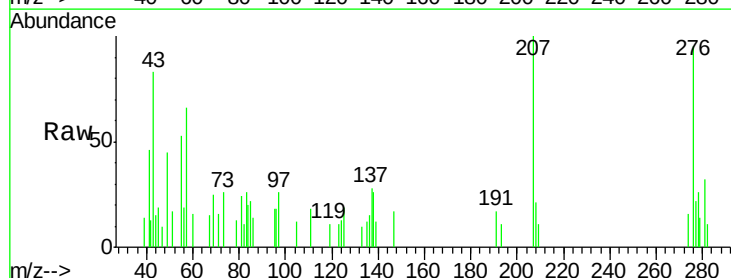
Tgt Ion:276 Resp: 4459

Ion Ratio Lower Upper

276 100

138 30.0 27.8 41.6

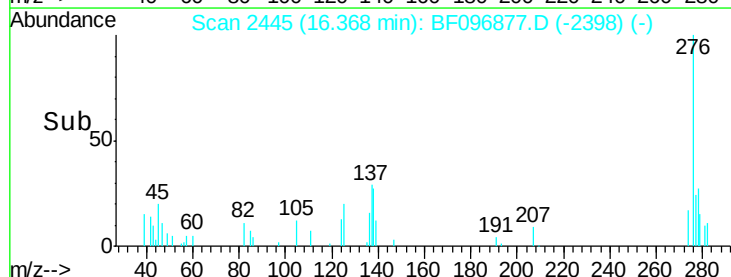
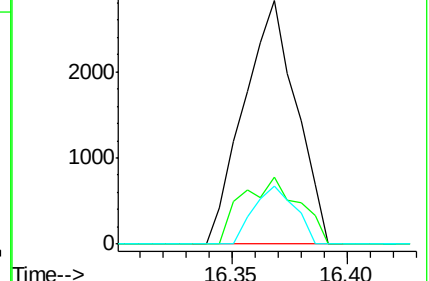
277 18.9 20.2 30.4#

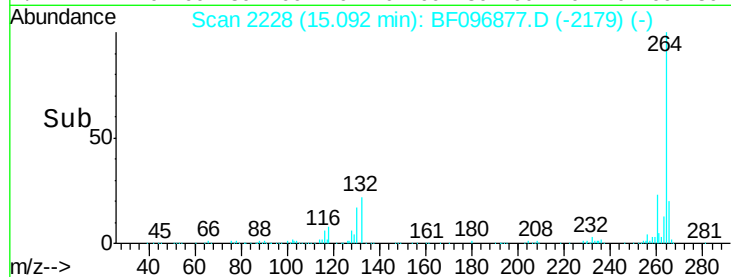
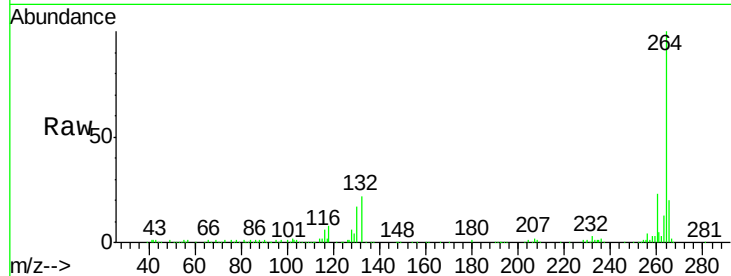
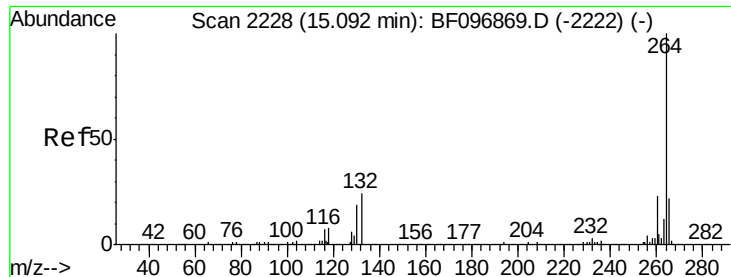


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF096877.D
Acq: 19 Jul 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.4	17.2	25.8

