

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096819.D
 Acq On : 17 Jul 2017 15:09
 Operator : SJ/JU
 Sample : I4188-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1(0-10)COMP

Quant Time: Jul 17 15:53:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

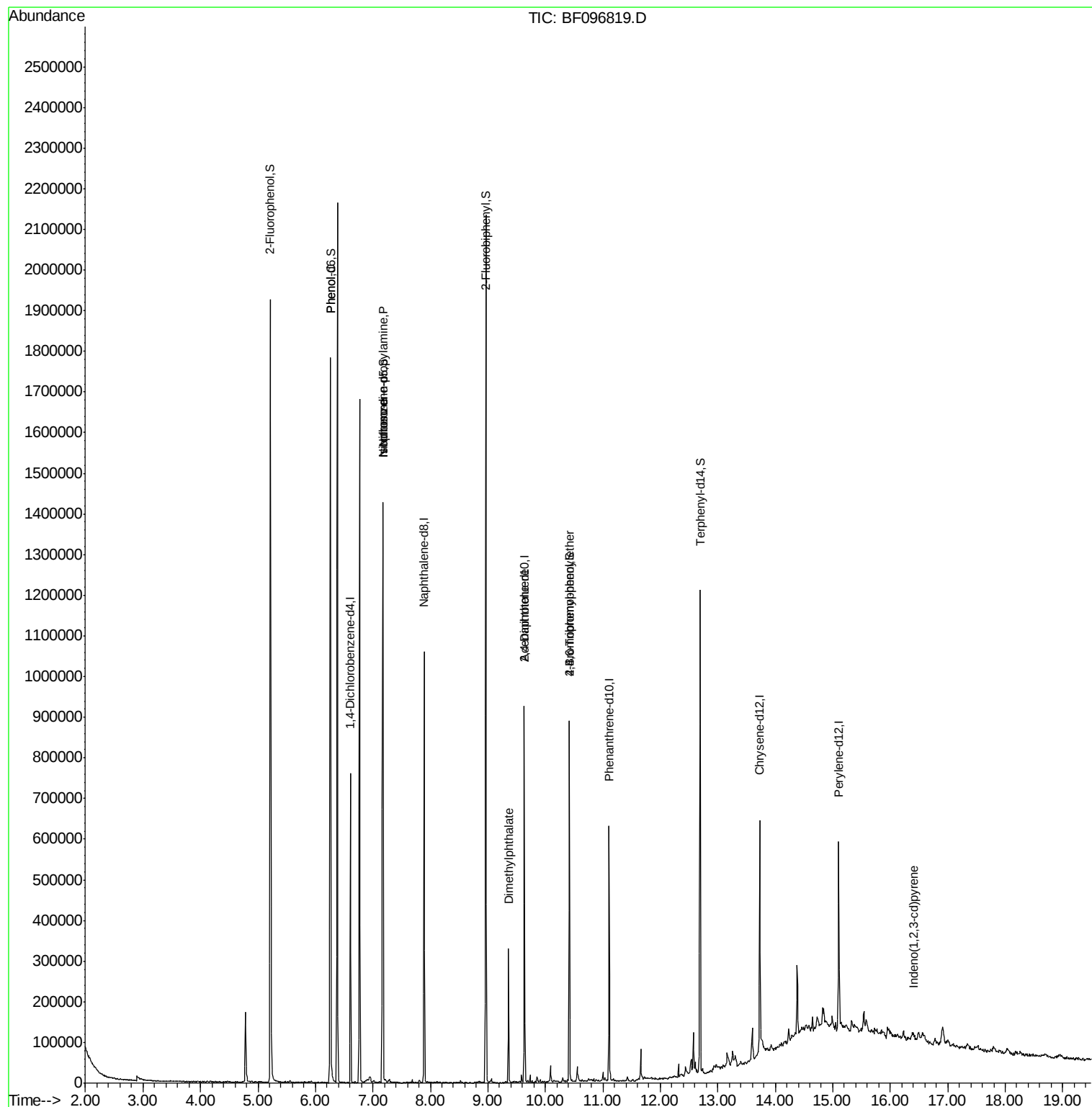
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	100319	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	447266	20.00	ng	-0.03
38) Acenaphthene-d10	9.63	164	168483	20.00	ng	-0.04
63) Phenanthrene-d10	11.11	188	208993	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	175674	20.00	ng	-0.04
86) Perylene-d12	15.10	264	184960	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	572291	85.78	ng	-0.02
7) Phenol-d6	6.26	99	650063	81.19	ng	-0.02
23) Nitrobenzene-d5	7.17	82	435966	60.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	95970	66.73	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	700410	65.68	ng	-0.03
78) Terphenyl-d14	12.69	244	335955	33.17	ng	-0.04
Target Compounds						
10) Phenol	6.27	94	21182	2.340	ng	81
19) n-Nitroso-di-n-propylamine	7.17	70	57061	11.829	ng	# 88
25) Isophorone	7.17	82	432018	32.161	ng	# 67
49) Dimethylphthalate	9.36	163	121308	9.562	ng	99
56) 2,4-Dinitrotoluene	9.63	165	20916	5.924	ng	# 33
66) 4-Bromophenyl-phenylether	10.42	248	6723	3.151	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.39	276	5642	3.873	ng	# 53

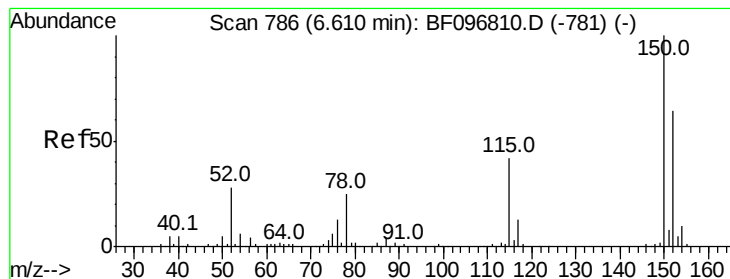
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF071717\
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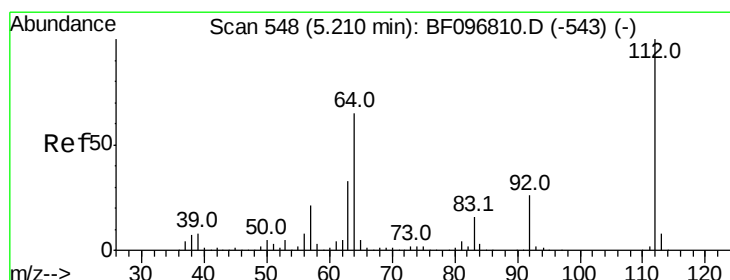
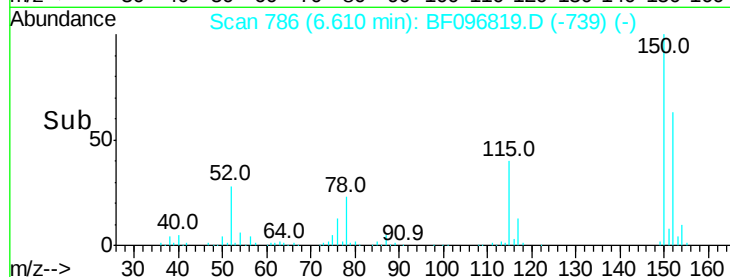
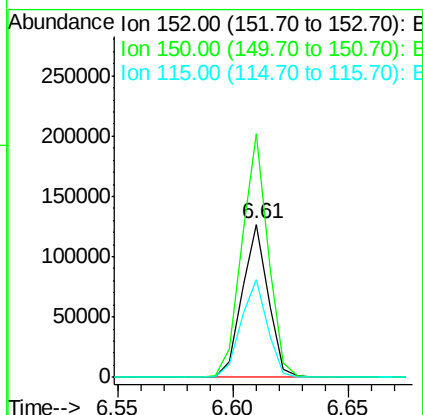
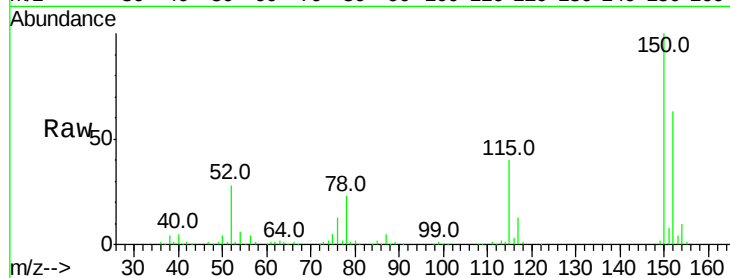


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Instrument :
BNA_F
ClientSampleId :
B1(0-10)COMP

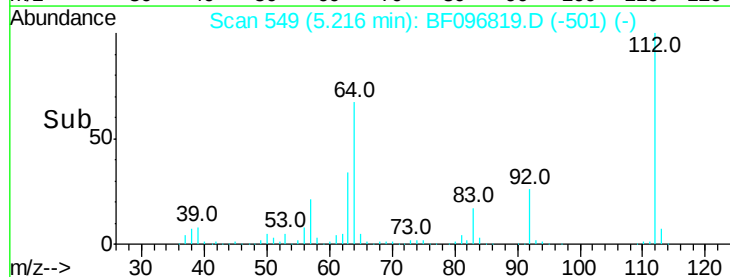
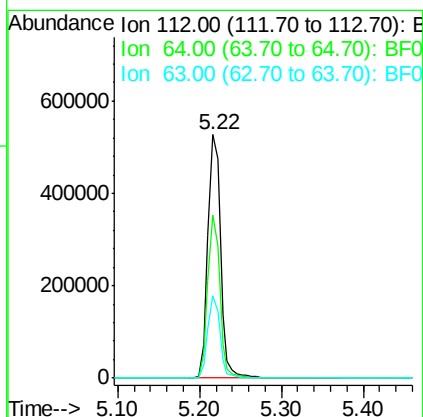
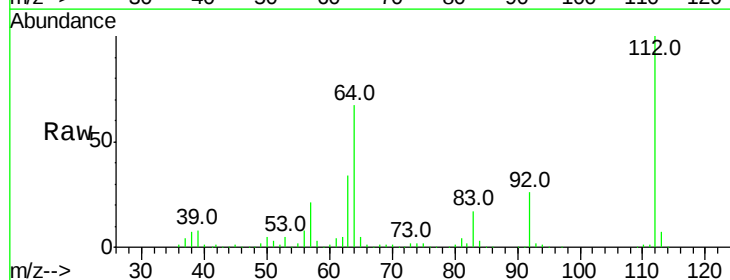
Tot Ion:152 Resp: 100319
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 63.5 52.2 78.2

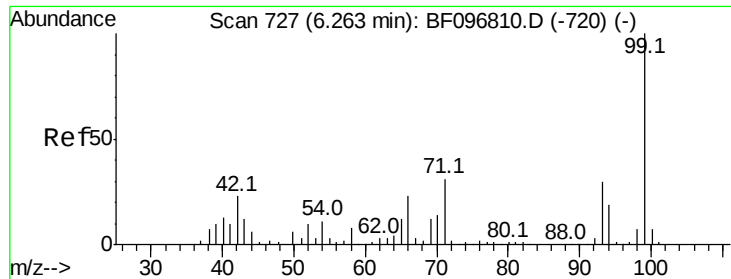


#5

2-Fluorophenol
Concen: 85.775 ng
RT: 5.22 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Tgt Ion:112 Resp: 572291
Ion Ratio Lower Upper
112 100
64 66.7 46.0 69.0
63 33.8 23.4 35.0





#7

Phenol-d6

Concen: 81.191 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

Instrument :

BNA_F

ClientSampleId :

B1(0-10)COMP

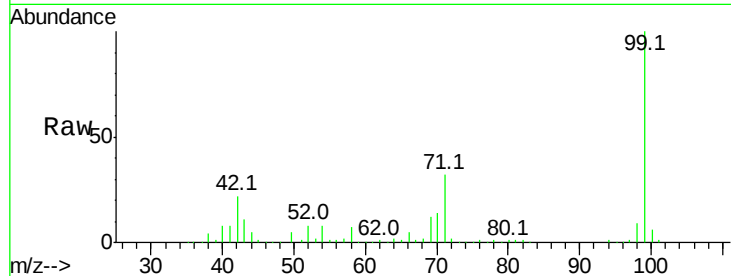
Tot Ion: 99 Resp: 650063

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

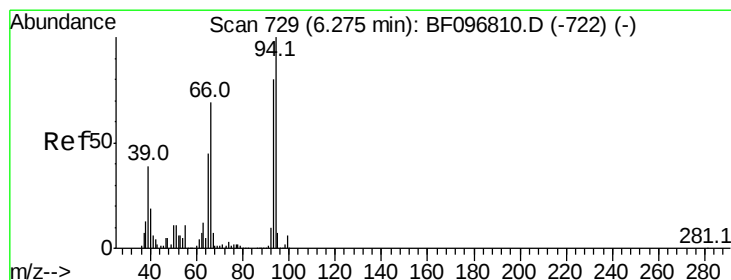
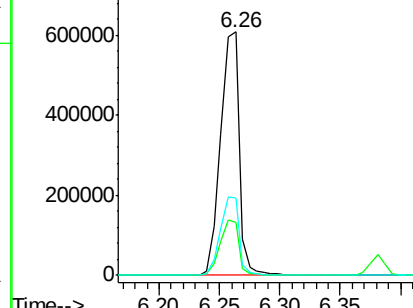
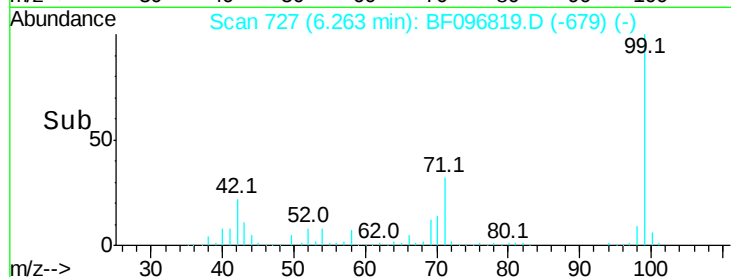
71 31.9 24.5 36.7



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: 2.340 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

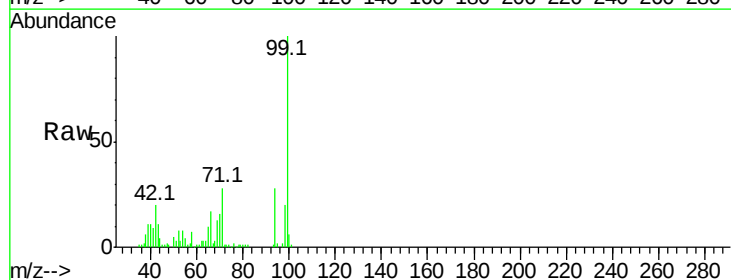
Tgt Ion: 94 Resp: 21182

Ion Ratio Lower Upper

94 100

65 36.3 9.9 49.9

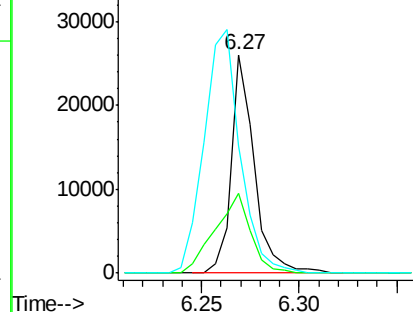
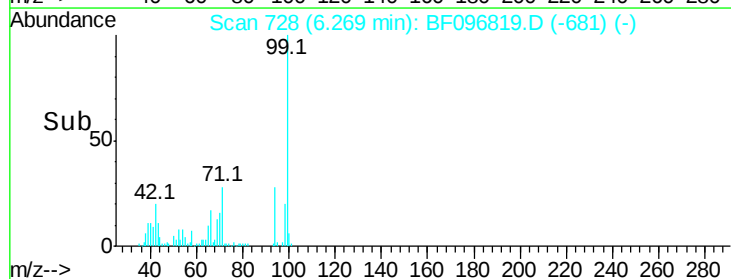
66 58.5 23.1 63.1

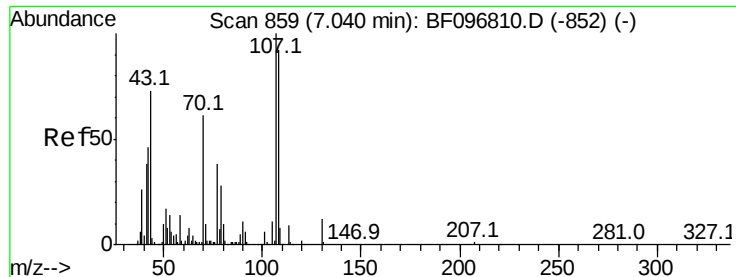


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

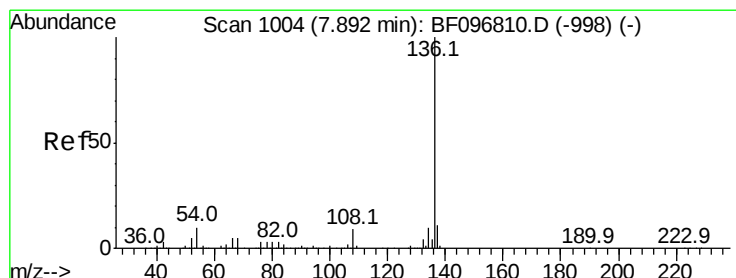
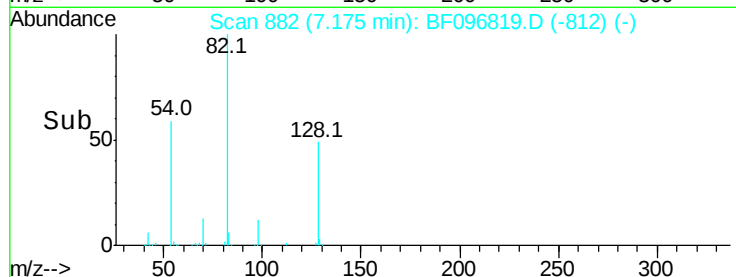
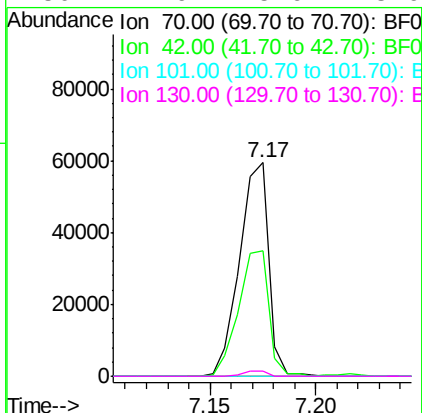
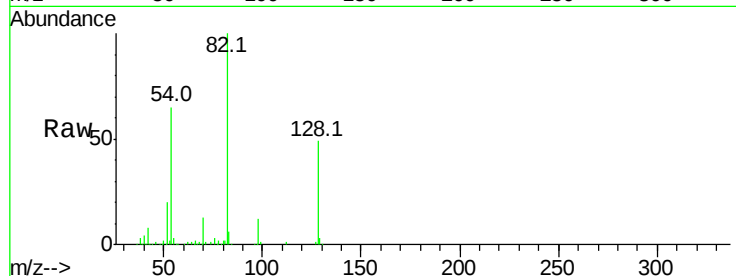




#19
n-Nitroso-di-n-propylamine
Concen: 11.829 ng
RT: 7.17 min Scan# 882
Delta R.T. 0.11 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

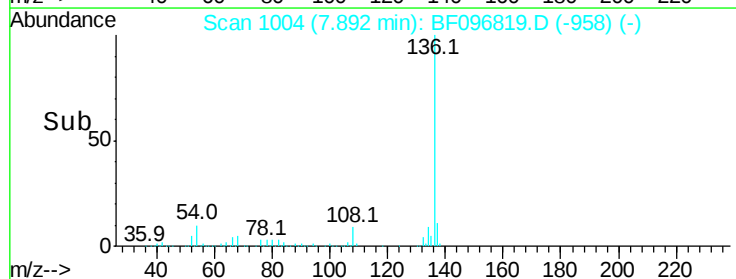
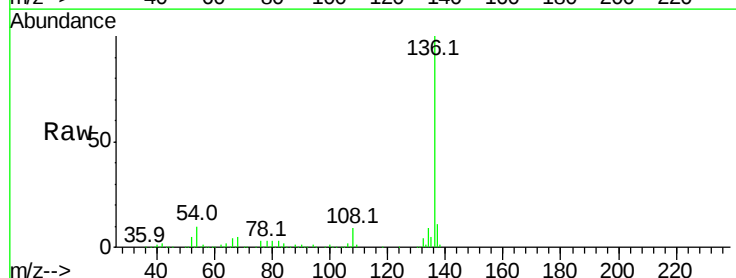
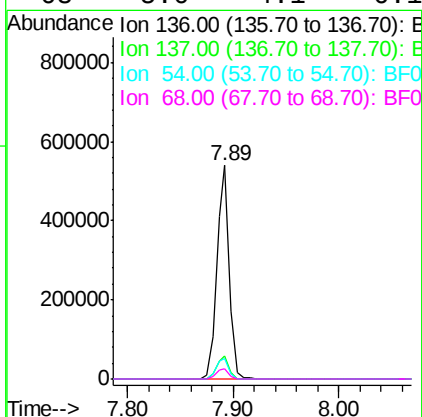
Instrument :
BNA_F
ClientSampleId :
B1(0-10)COMP

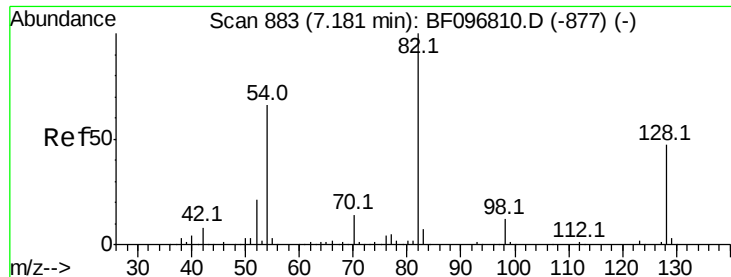
Tot Ion: 70 Resp: 57061
Ion Ratio Lower Upper
70 100
42 58.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Tgt Ion:136 Resp: 447266
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.6 4.9 7.3#
68 5.0 4.1 6.1

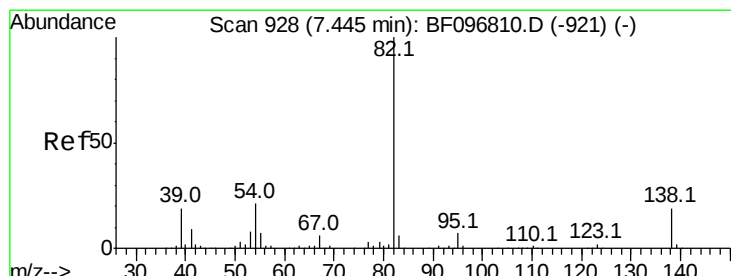
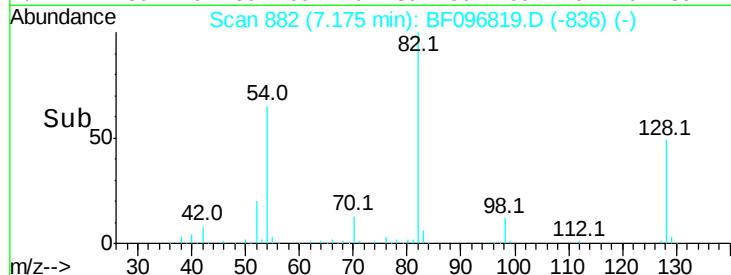
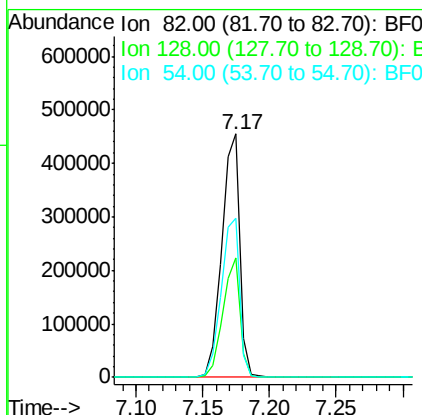
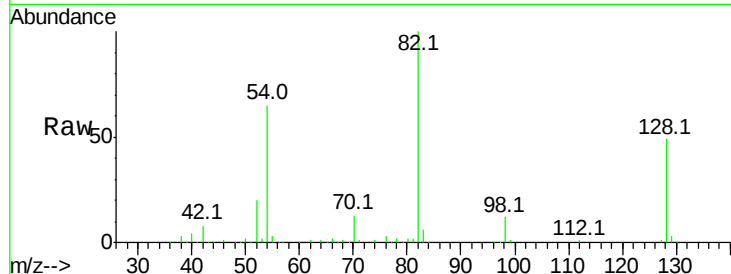




#23
 Nitrobenzene-d5
 Concen: 60.376 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.03 min
 Lab File: BF096819.D
 Acq: 17 Jul 2017 15:09

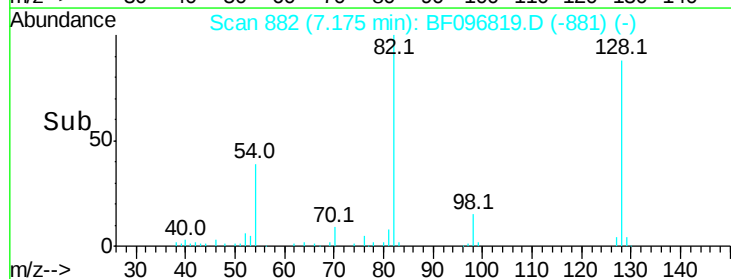
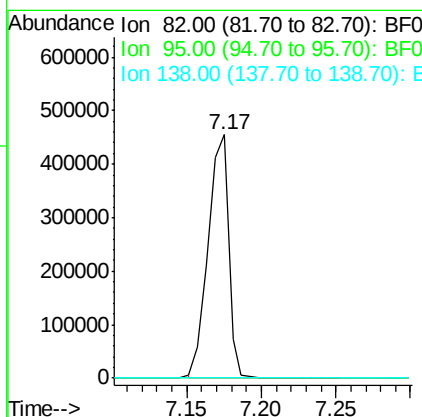
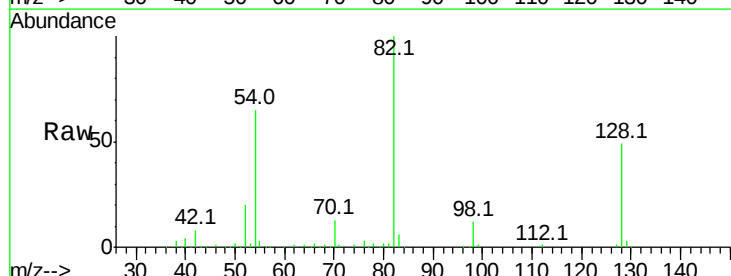
Instrument :
 BNA_F
 ClientSampleId :
 B1(0-10)COMP

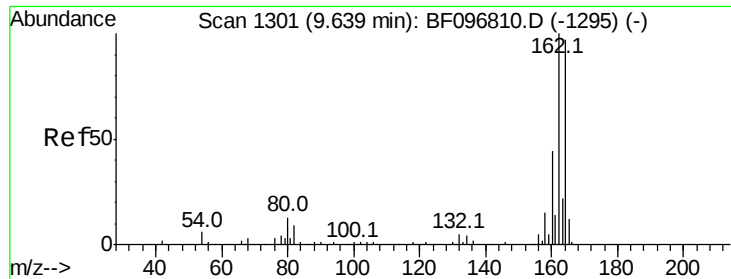
Tot Ion	82	Resp	435966
Ion Ratio	Lower	Upper	
82	100		
128	48.8	34.0	51.0
54	65.1	42.2	63.2#



#25
 Isophorone
 Concen: 32.161 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.29 min
 Lab File: BF096819.D
 Acq: 17 Jul 2017 15:09

Tgt Ion	82	Resp	432018
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: 9.63 min Scan# 1300

Delta R.T. -0.04 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

Instrument :

BNA_F

ClientSampleId :

B1(0-10)COMP

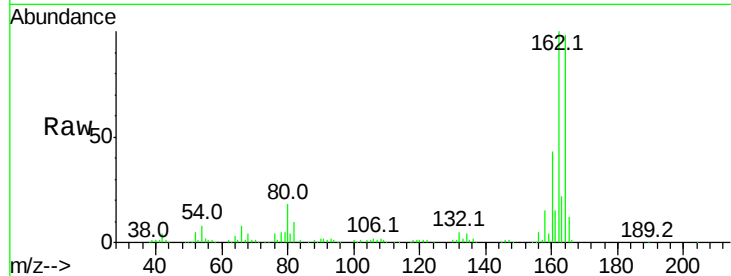
Tot Ion:164 Resp: 168483

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

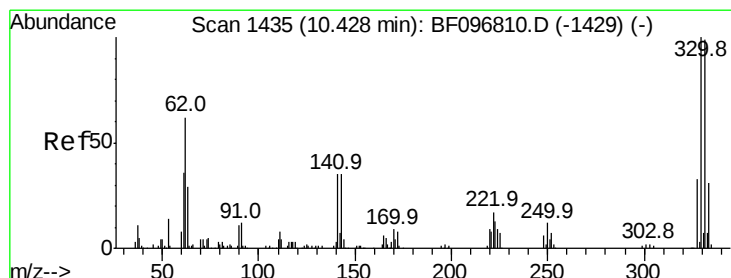
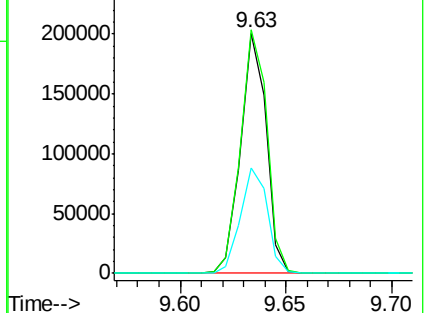
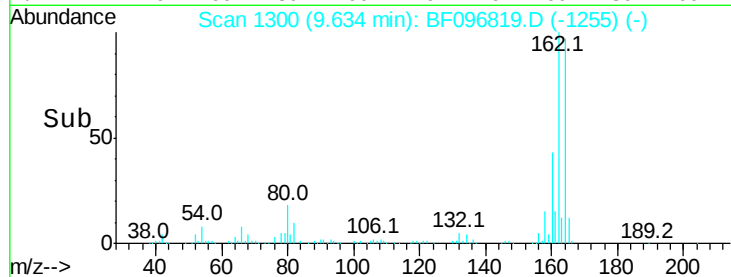
160 43.9 36.2 54.2



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: 66.732 ng

RT: 10.42 min Scan# 1434

Delta R.T. -0.04 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

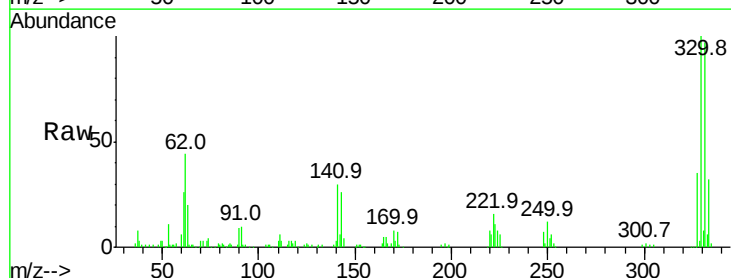
Tgt Ion:330 Resp: 95970

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

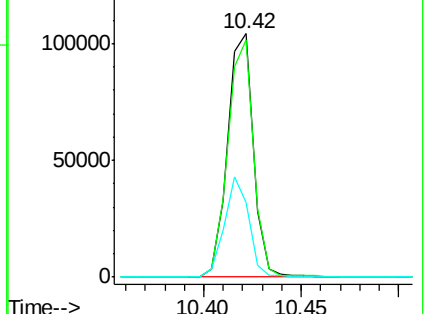
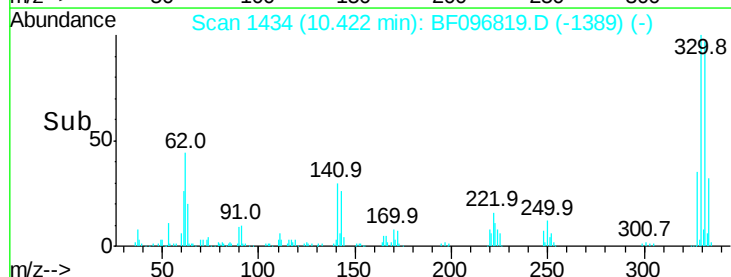
141 38.8 31.4 47.2

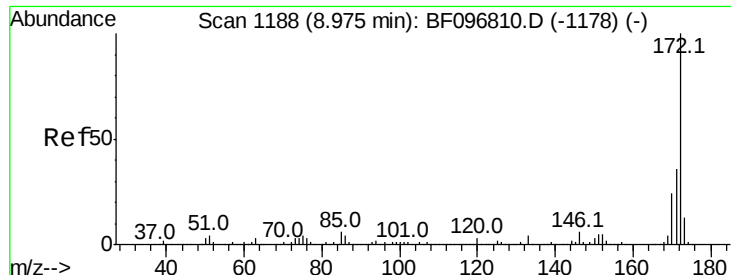


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

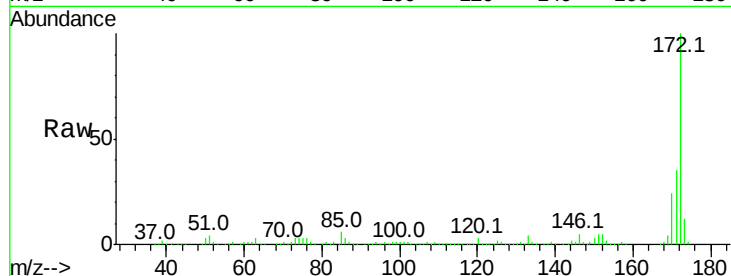




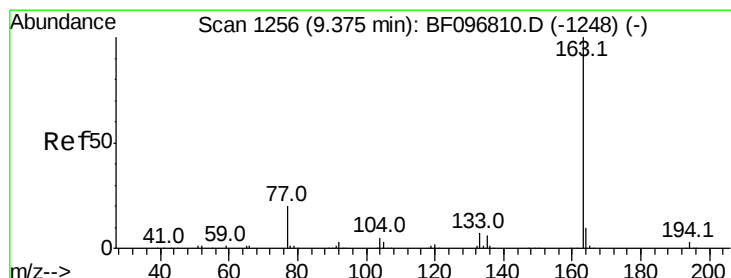
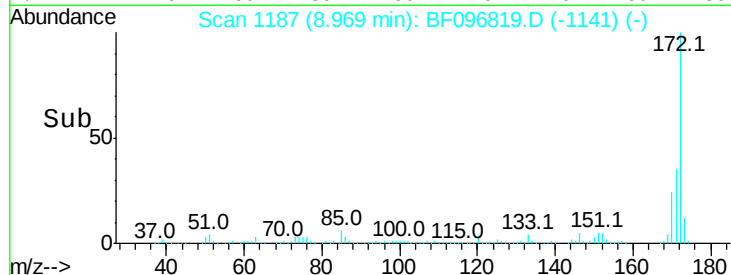
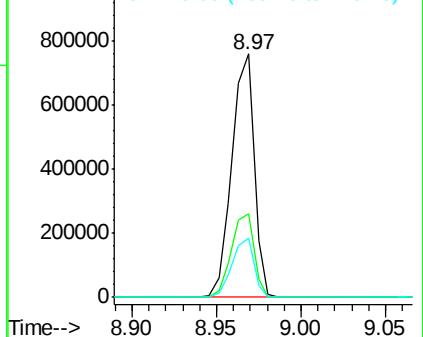
#44
2-Fluorobiphenyl
Concen: 65.680 ng
RT: 8.97 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Instrument :
BNA_F
ClientSampleId :
B1(0-10)COMP

Tot Ion:172 Resp: 700410
Ion Ratio Lower Upper
172 100
171 34.6 29.6 44.4
170 24.2 19.8 29.8

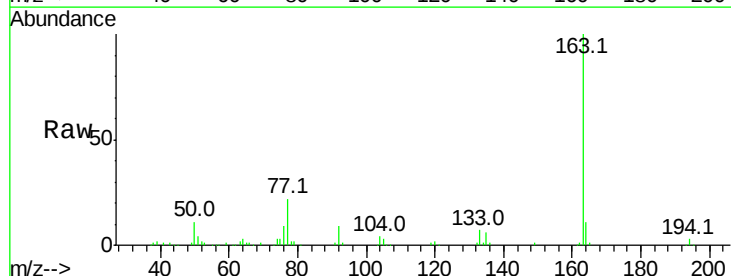


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

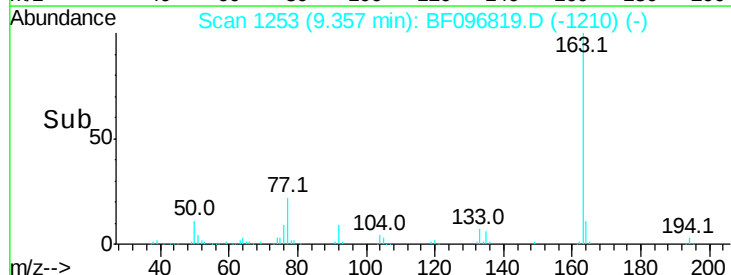
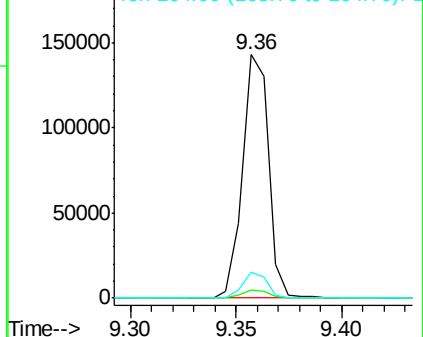


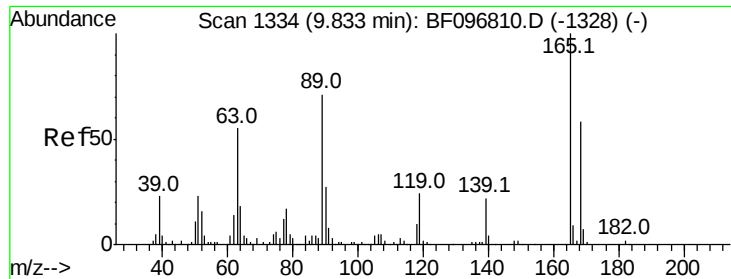
#49
Dimethylphthalate
Concen: 9.562 ng
RT: 9.36 min Scan# 1253
Delta R.T. -0.05 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Tgt Ion:163 Resp: 121308
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.8 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

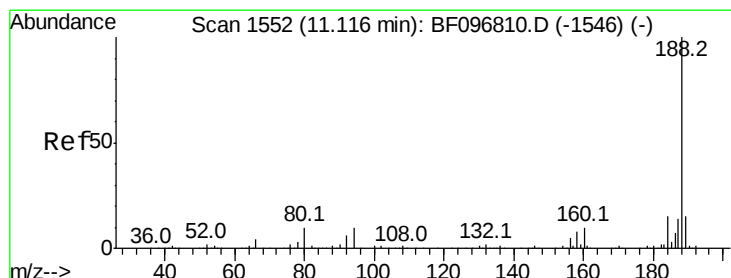
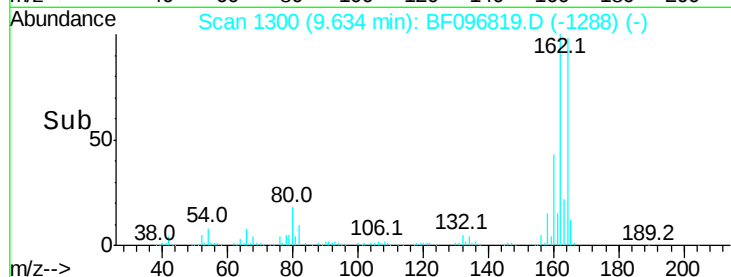
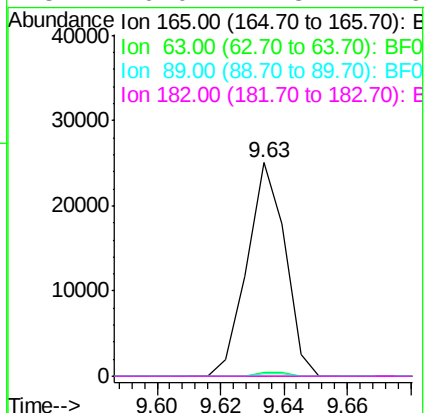
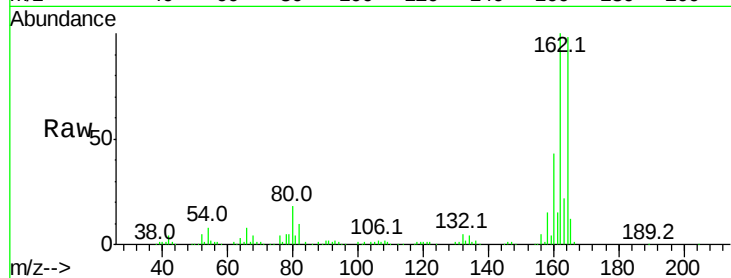




#56
 2,4-Dinitrotoluene
 Concen: 5.924 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF096819.D
 Acq: 17 Jul 2017 15:09

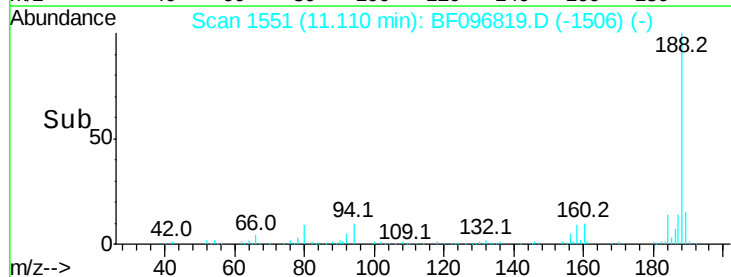
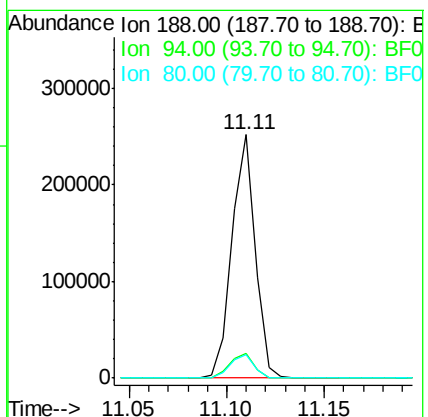
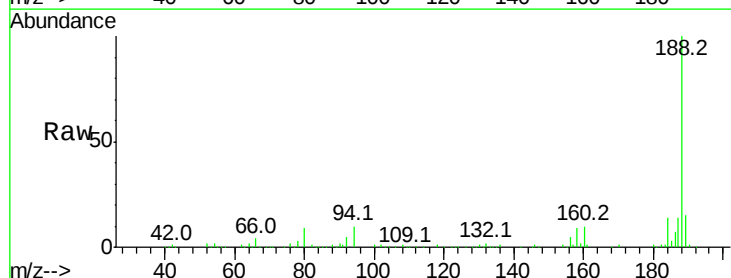
Instrument :
 BNA_F
 ClientSampleId :
 B1(0-10)COMP

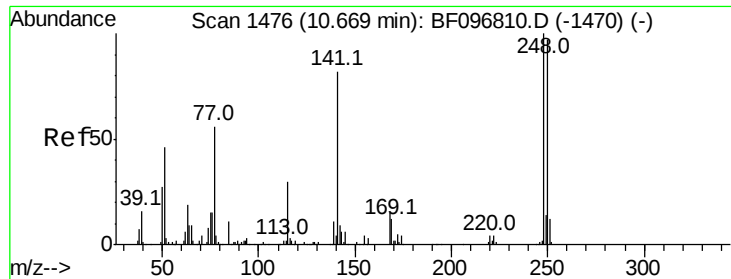
Tot Ion:165	Resp:	20916
Ion Ratio	Lower	Upper
165	100	
63	1.8	25.4 38.0#
89	1.4	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1551
 Delta R.T. -0.04 min
 Lab File: BF096819.D
 Acq: 17 Jul 2017 15:09

Tgt Ion:188	Resp:	208993
Ion Ratio	Lower	Upper
188	100	
94	10.1	9.4 14.2
80	9.4	10.2 15.2#

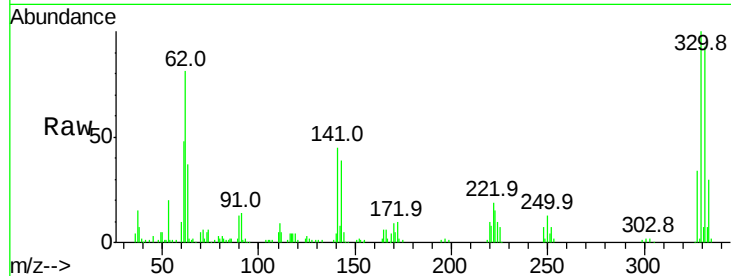




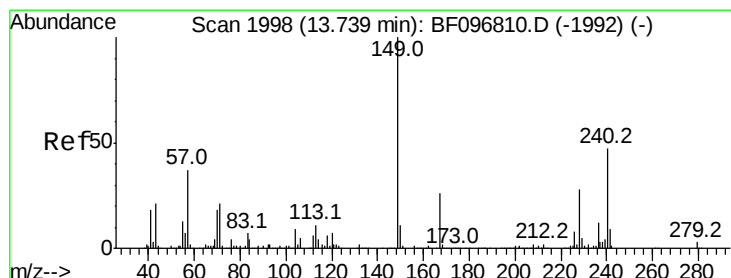
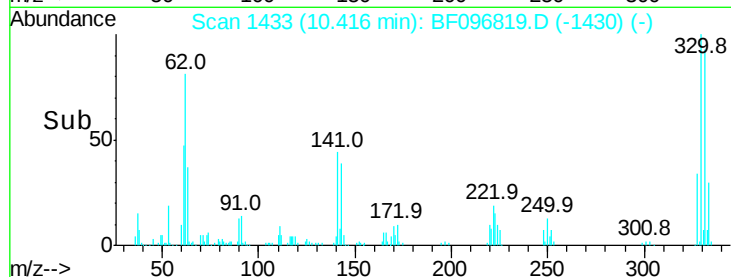
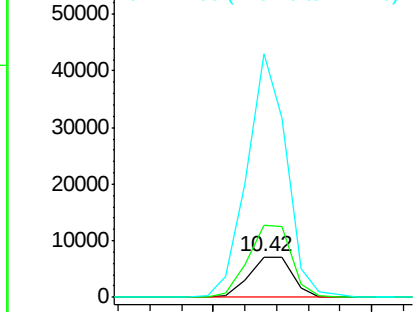
#66
4-Bromophenyl-phenylether
Concen: 3.151 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.28 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Instrument :
BNA_F
ClientSampleId :
B1(0-10)COMP

Tot Ion:248 Resp: 6723
Ion Ratio Lower Upper
248 100
250 180.6 76.8 115.2#
141 605.9 68.6 103.0#

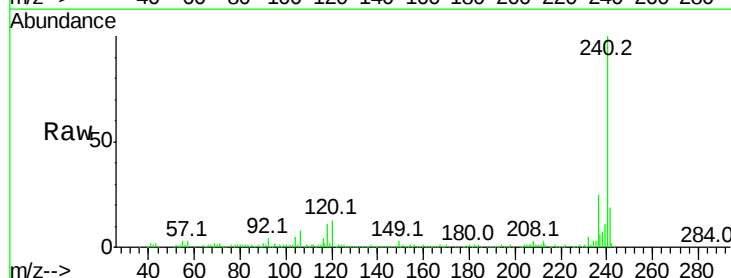


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

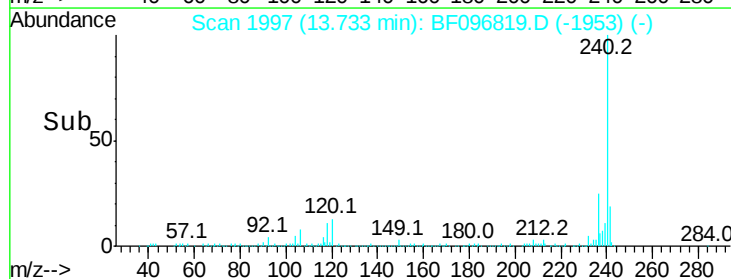
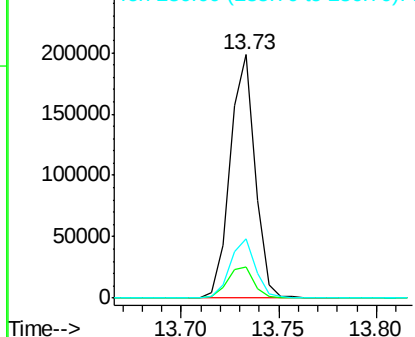


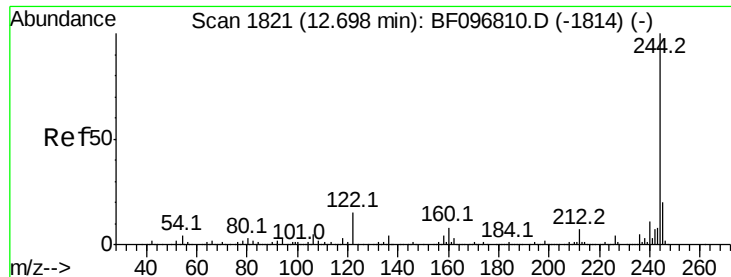
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Tgt Ion:240 Resp: 175674
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 24.5 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: 33.166 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

Instrument :

BNA_F

ClientSampleId :

B1(0-10)COMP

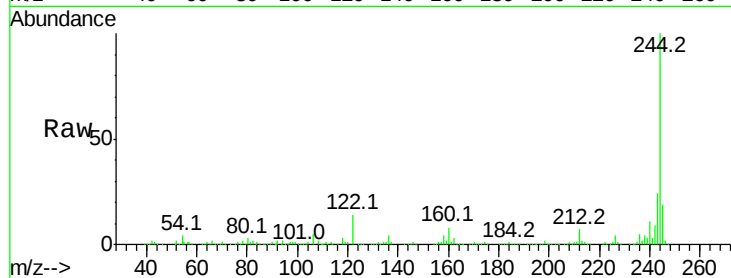
Tot Ion:244 Resp: 335955

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

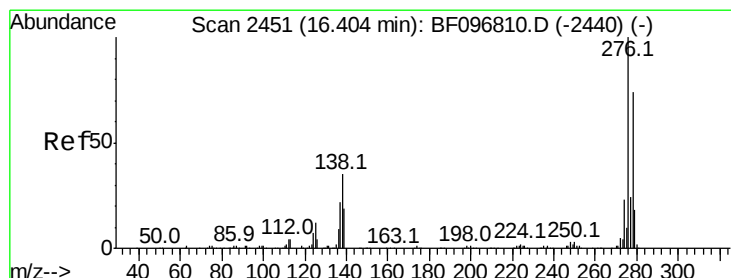
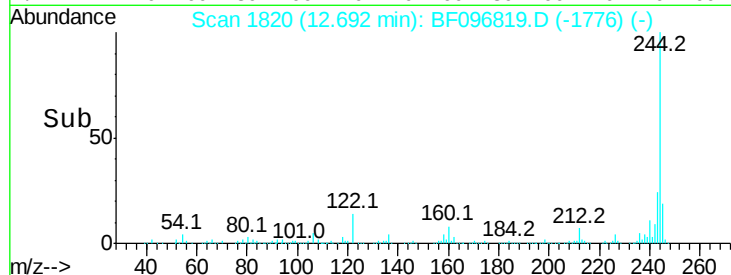
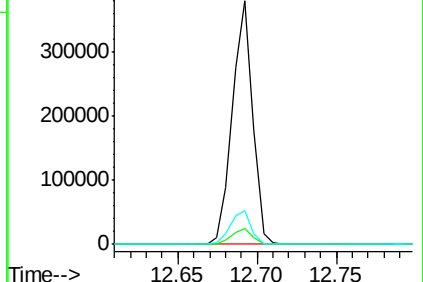
122 13.7 10.3 15.5



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: 3.873 ng

RT: 16.39 min Scan# 2449

Delta R.T. -0.08 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

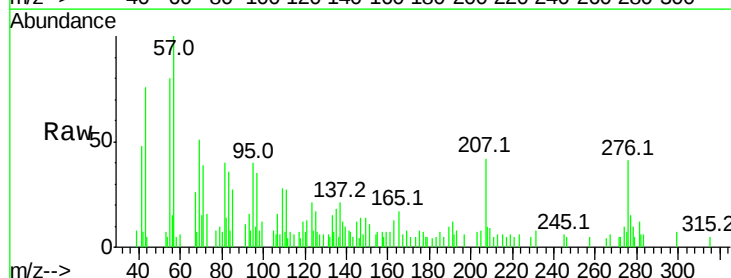
Tgt Ion:276 Resp: 5642

Ion Ratio Lower Upper

276 100

138 77.7 27.8 41.6#

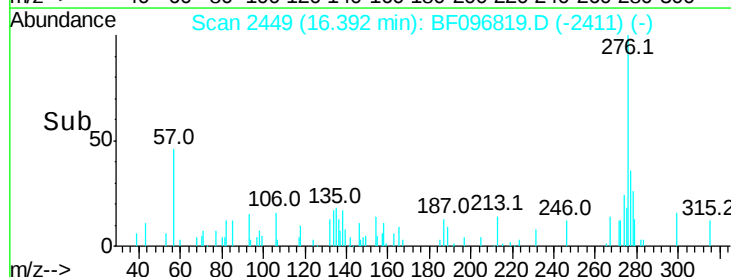
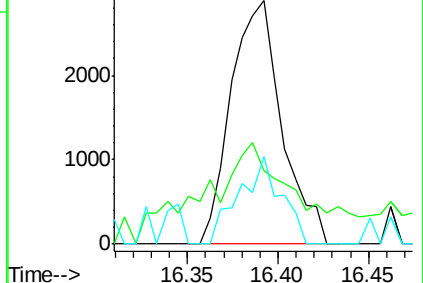
277 29.7 20.2 30.4

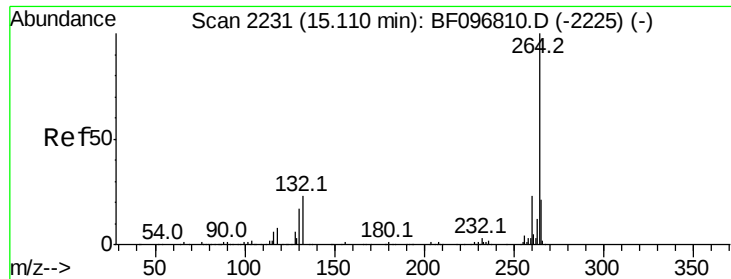


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.05 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Instrument :
BNA_F
ClientSampleId :
B1(0-10)COMP

Tot Ion: 264 Resp: 184960

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	17.2	25.8

