

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097767.D
 Acq On : 17 Aug 2017 4:59
 Operator : SJ/JU
 Sample : I4792-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Aug 17 07:34:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

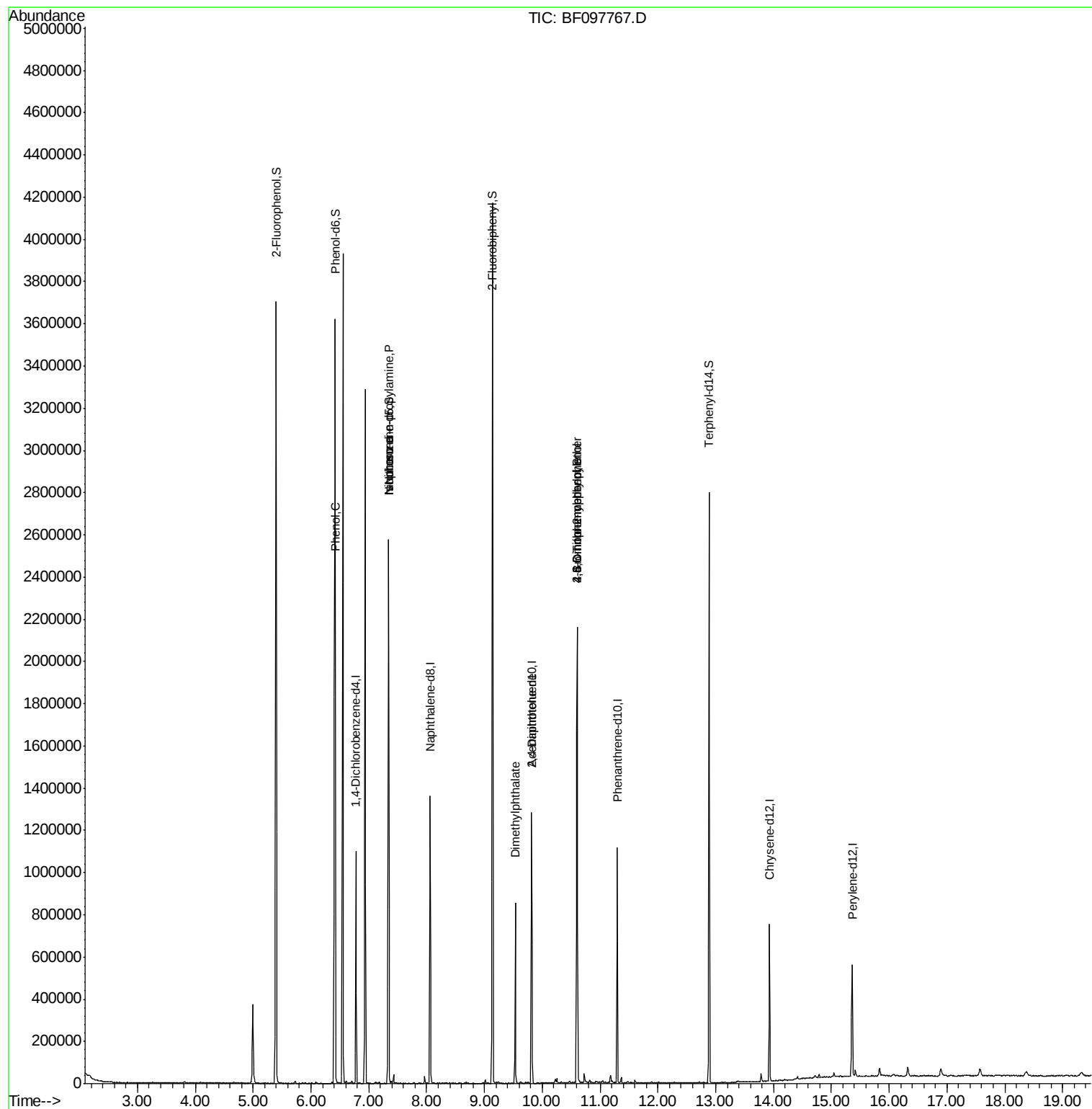
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	136887	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	538333	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	224804	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	341934	20.00	ng	0.00
75) Chrysene-d12	13.93	240	259939	20.00	ng	0.00
86) Perylene-d12	15.36	264	231781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1151077	127.91	ng	0.01
7) Phenol-d6	6.42	99	1560785	127.64	ng	0.00
23) Nitrobenzene-d5	7.35	82	953368	96.21	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	238341	122.19	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1395497	91.20	ng	0.00
78) Terphenyl-d14	12.89	244	788891	63.29	ng	0.00
Target Compounds						
10) Phenol	6.43	94	34923	2.44	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.35	70	127604	15.24	ng	# 71
25) Isophorone	7.35	82	950209	46.11	ng	# 67
49) Dimethylphthalate	9.53	163	284223	17.30	ng	99
56) 2,4-Dinitrotoluene	9.82	165	28743	6.98	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	388	8.52	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	16188	4.56	ng	# 1

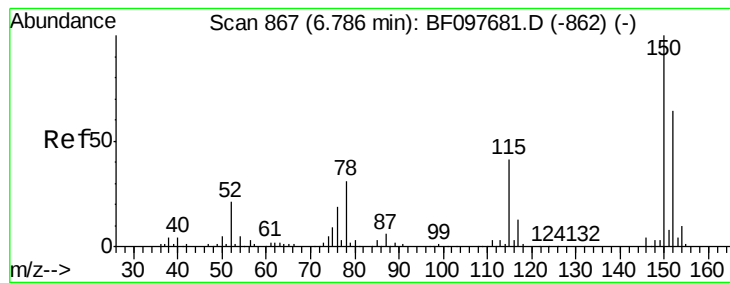
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097767.D
Acq On : 17 Aug 2017 4:59
Operator : SJ/JU
Sample : I4792-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Quant Time: Aug 17 07:34:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF097767.D

Acq: 17 Aug 2017 4:59

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

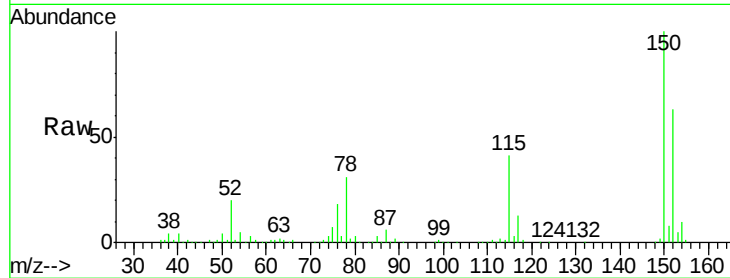
Tot Ion:152 Resp: 136887

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

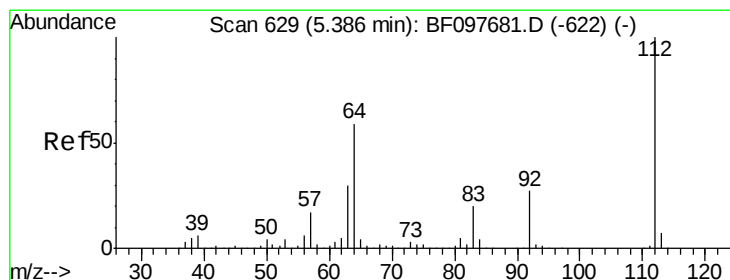
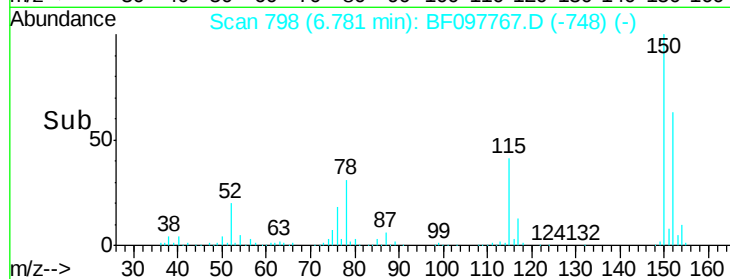
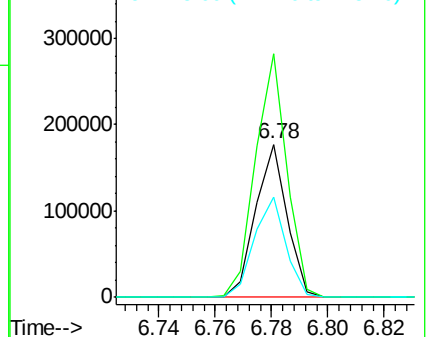
115 65.5 52.2 78.2



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: 127.91 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097767.D

Acq: 17 Aug 2017 4:59

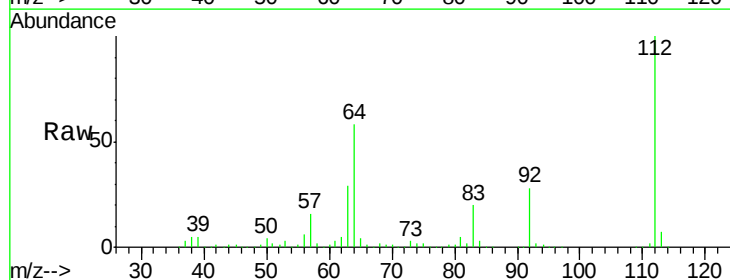
Tgt Ion:112 Resp: 1151077

Ion Ratio Lower Upper

112 100

64 58.4 46.0 69.0

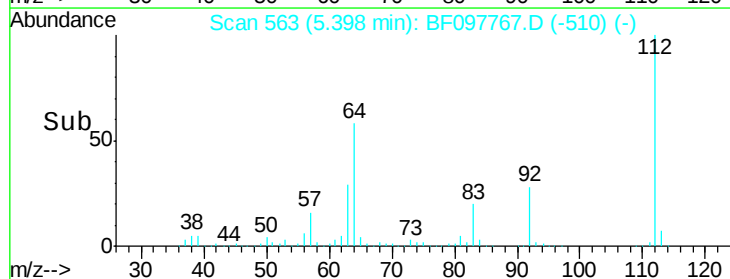
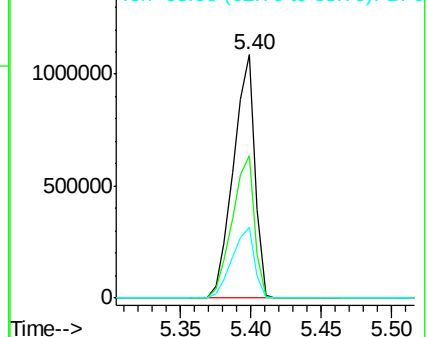
63 29.3 23.4 35.0

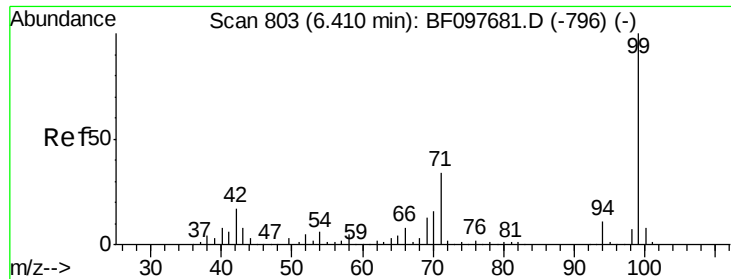


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.64 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097767.D

Acq: 17 Aug 2017 4:59

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

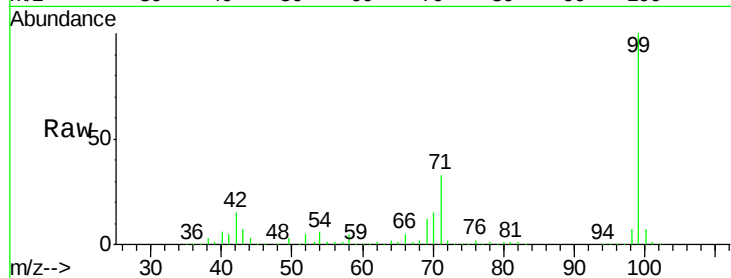
Tot Ion: 99 Resp: 1560785

Ion Ratio Lower Upper

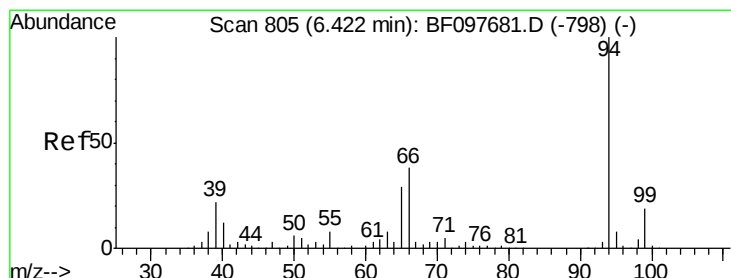
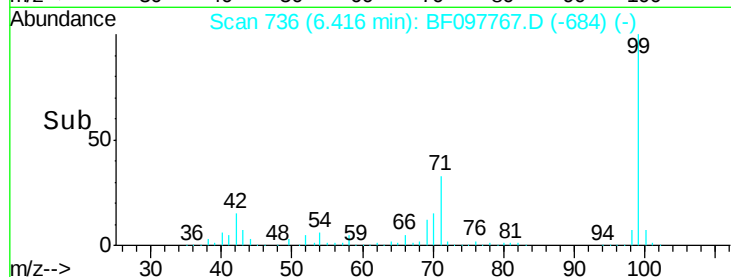
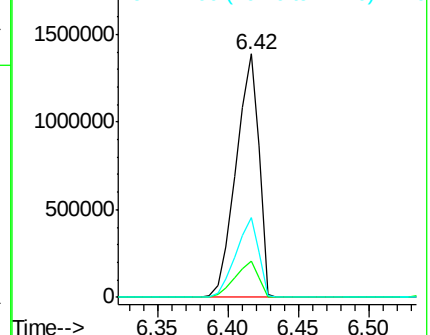
99 100

42 15.0 13.5 20.3

71 32.5 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: 2.44 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097767.D

Acq: 17 Aug 2017 4:59

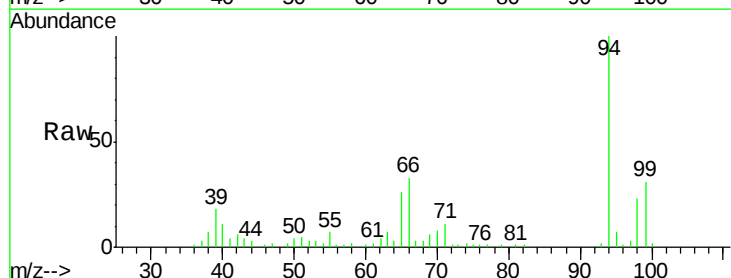
Tgt Ion: 94 Resp: 34923

Ion Ratio Lower Upper

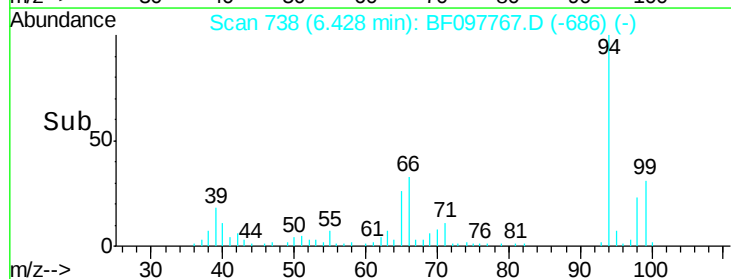
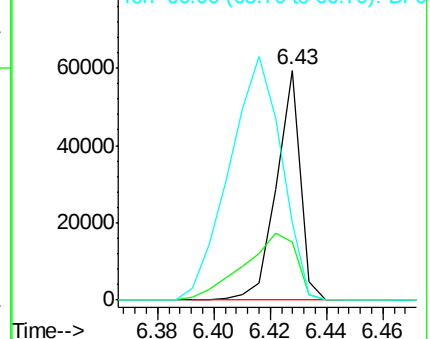
94 100

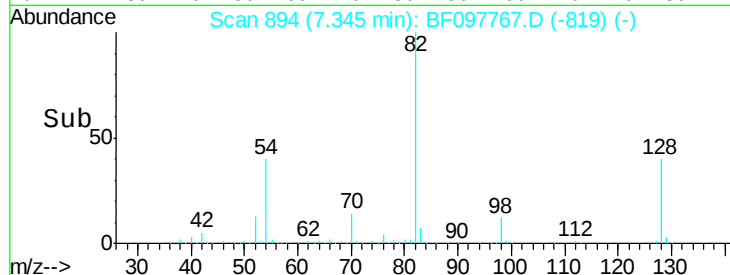
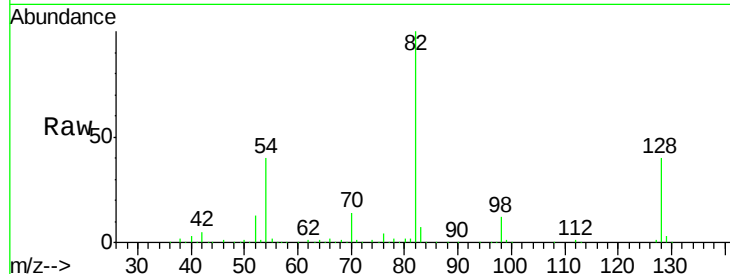
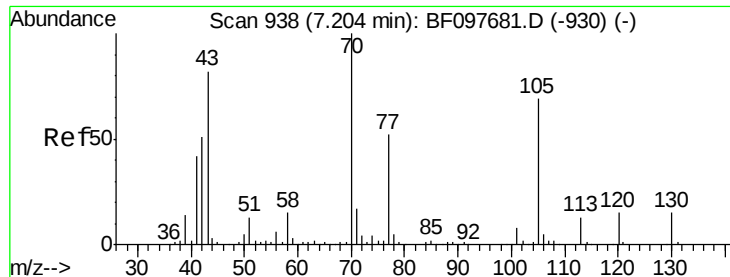
65 25.6 9.9 49.9

66 33.4 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

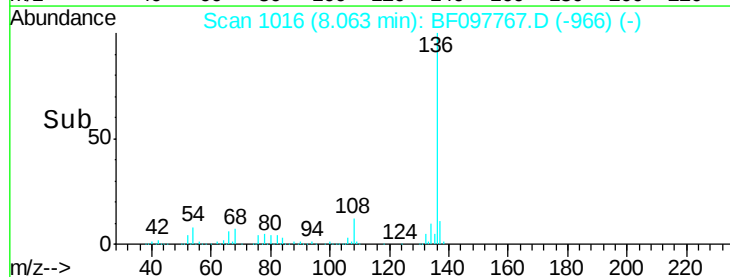
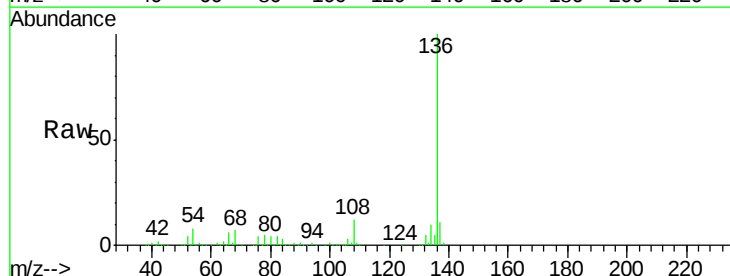
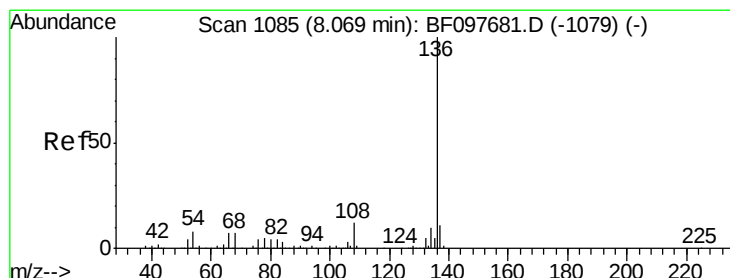
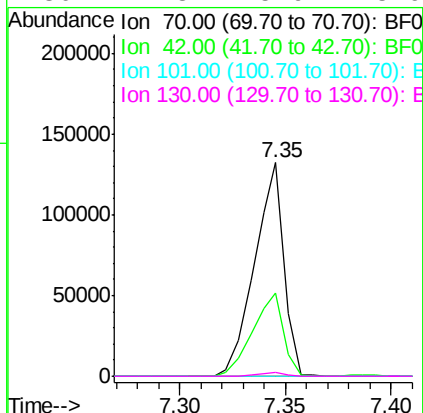




#19
n-Nitroso-di-n-propylamine
Concen: 15.24 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

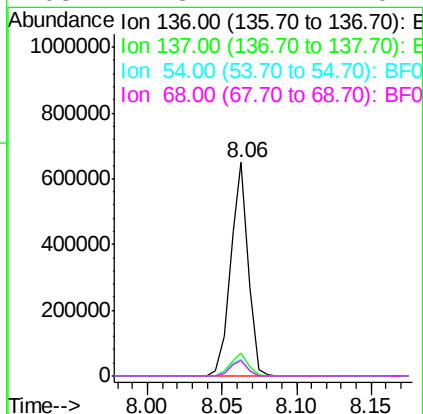
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

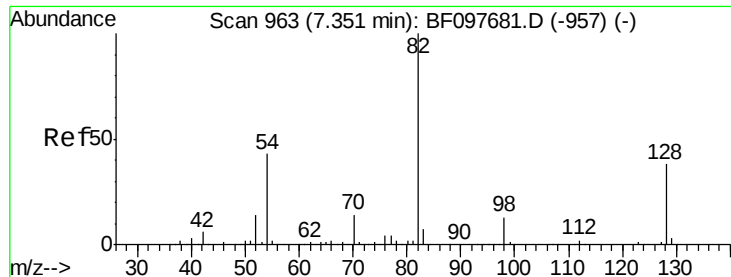
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.8	4.9	7.3#
68	7.3	4.1	6.1#

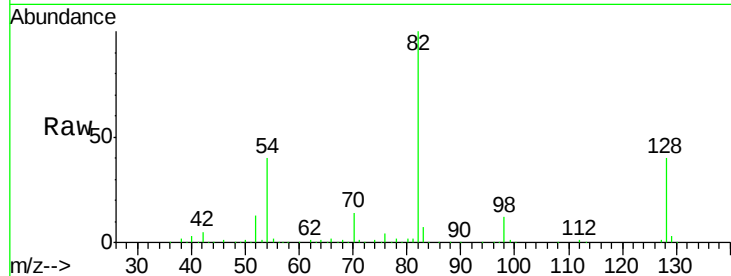




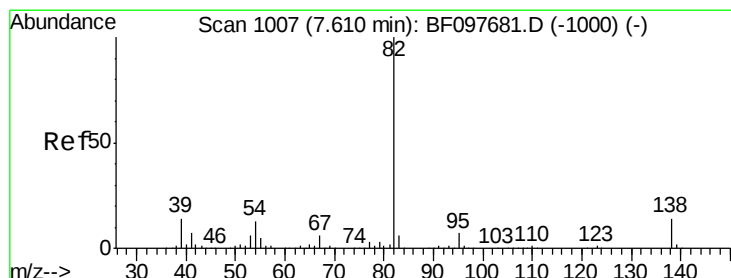
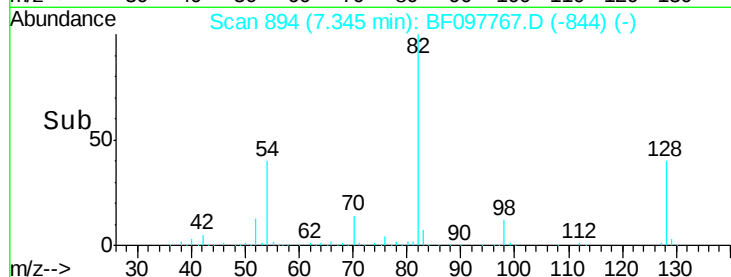
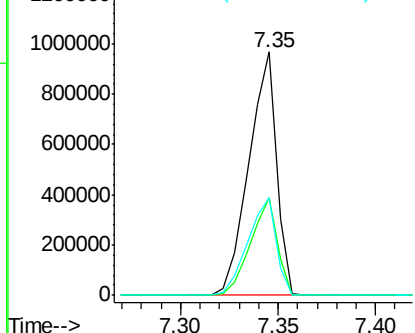
#23
Nitrobenzene-d5
Concen: 96.21 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tot Ion	82	Resp	953368
Ion Ratio	100	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	40.2	42.2	63.2#

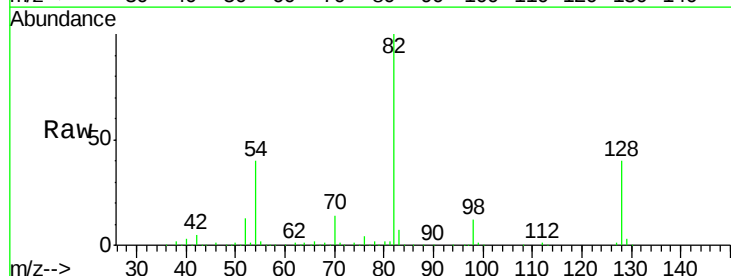


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

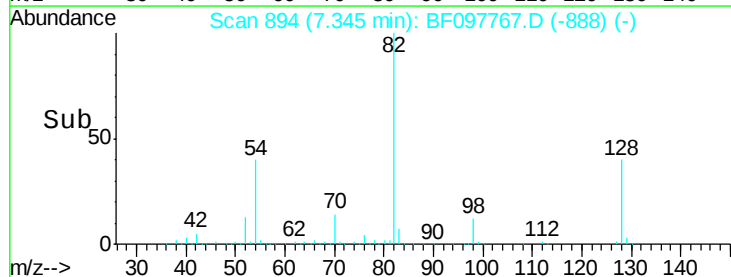
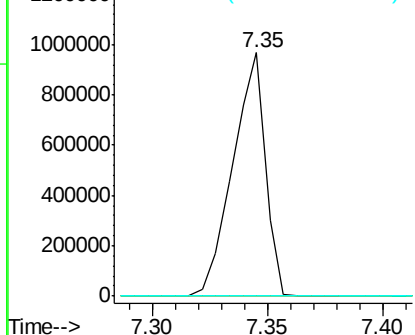


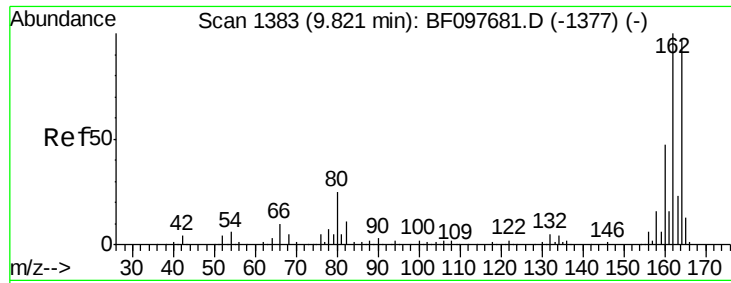
#25
Isophorone
Concen: 46.11 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion	82	Resp	950209
Ion Ratio	100	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

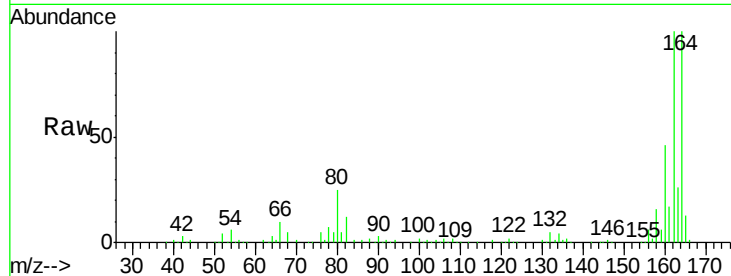




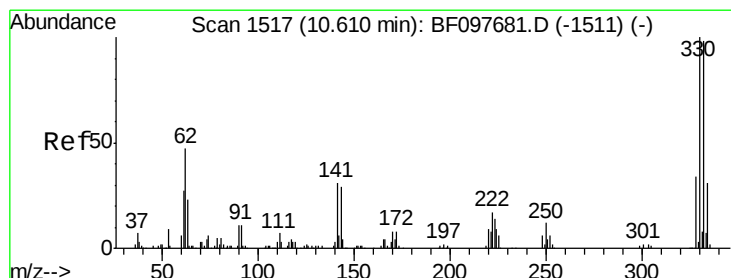
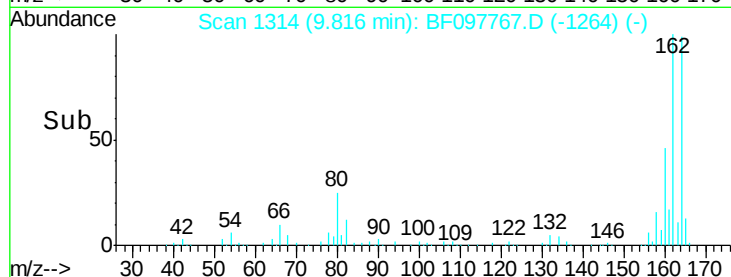
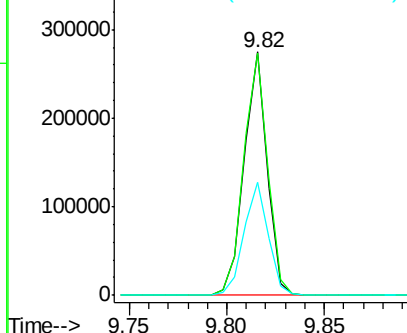
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tot Ion:164 Resp: 224804
Ion Ratio Lower Upper
164 100
162 99.7 82.6 123.8
160 46.3 36.2 54.2

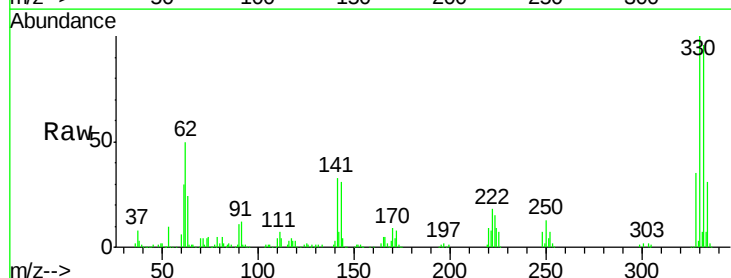


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

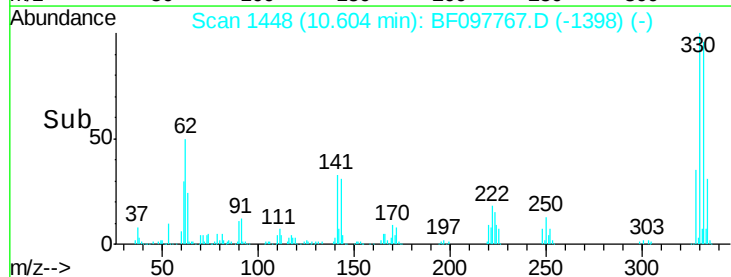
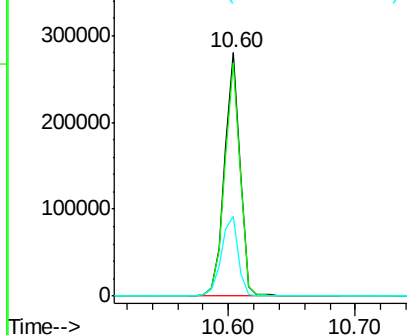


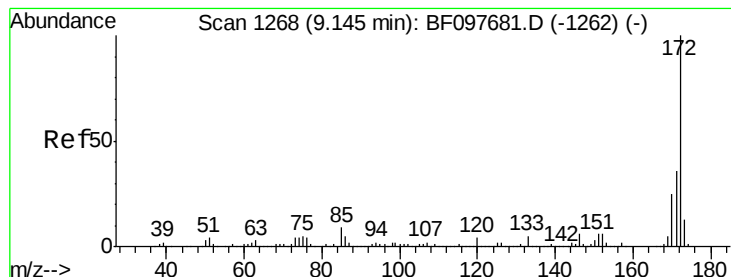
#41
2,4,6-Tribromophenol
Concen: 122.19 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Tgt Ion:330 Resp: 238341
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 36.1 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: 91.20 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF097767.D

Acq: 17 Aug 2017 4:59

Instrument :

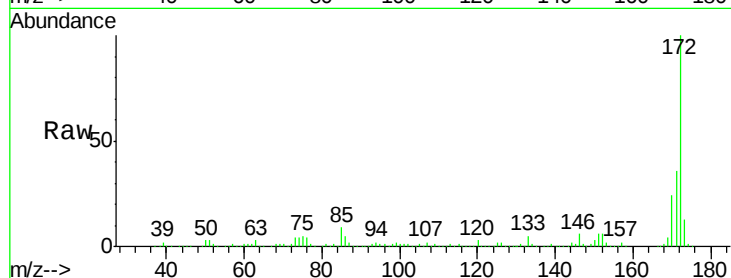
BNA_F

ClientSampleId :

SB-06-COMP

Tot Ion:172 Resp: 1395497

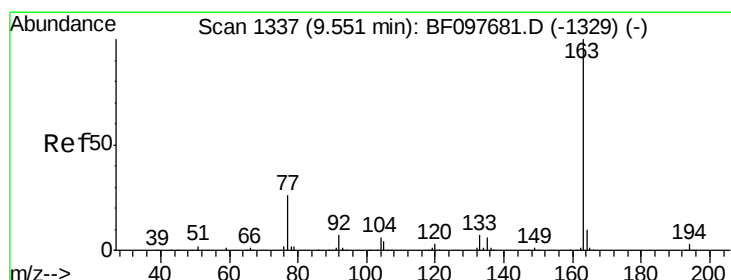
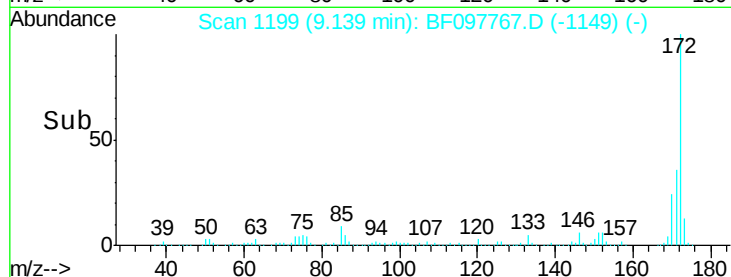
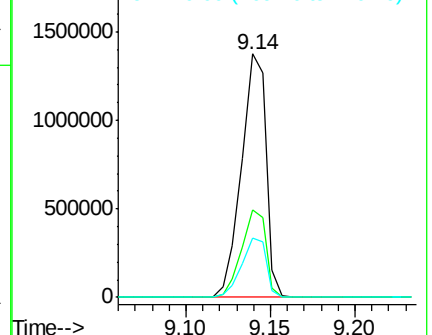
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.4	19.8	29.8



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: 17.30 ng

RT: 9.53 min Scan# 1266

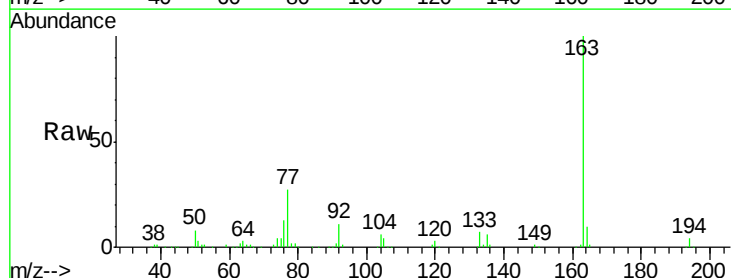
Delta R.T. -0.02 min

Lab File: BF097767.D

Acq: 17 Aug 2017 4:59

Tgt Ion:163 Resp: 284223

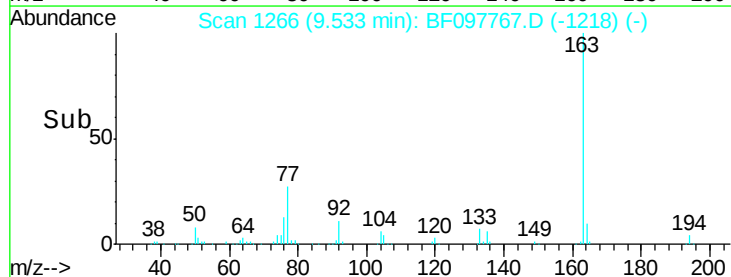
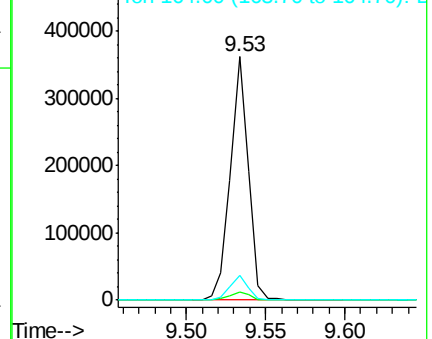
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6

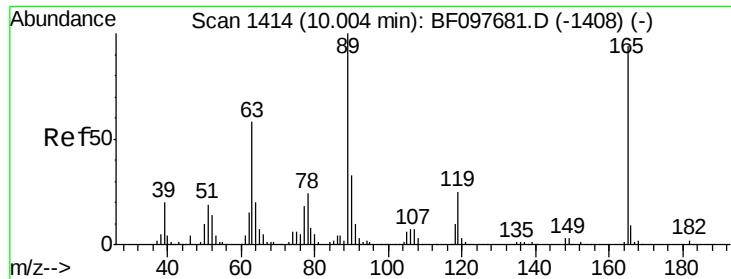


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

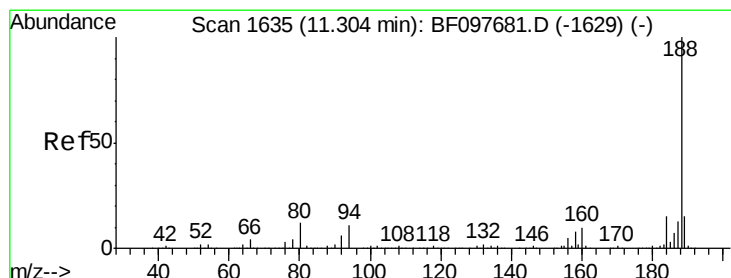
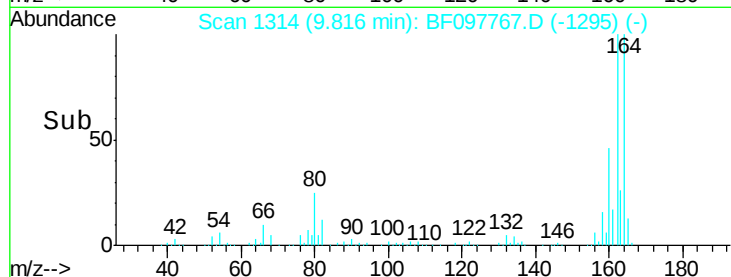
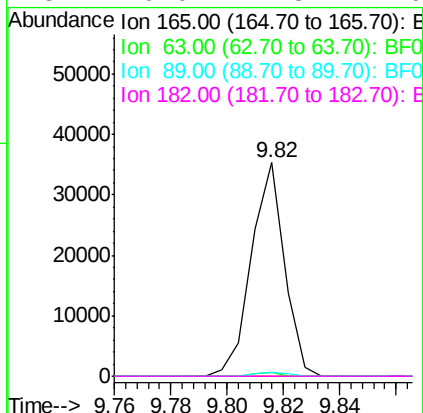
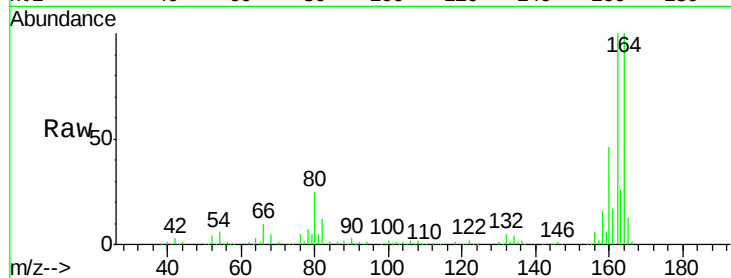




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.19 min
 Lab File: BF097767.D
 Acq: 17 Aug 2017 4:59

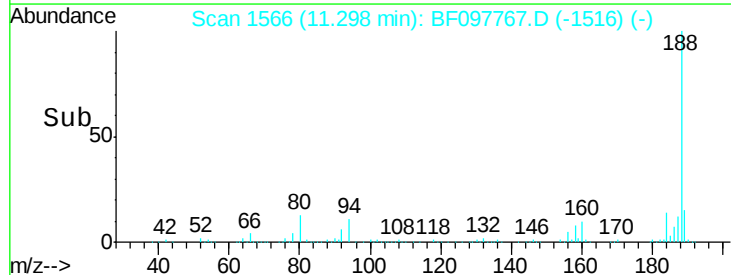
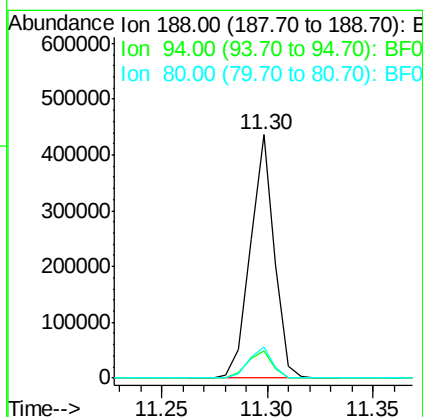
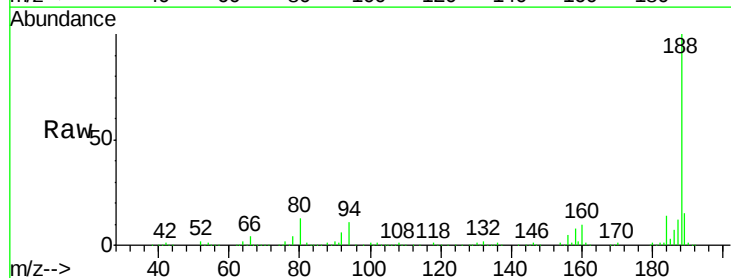
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

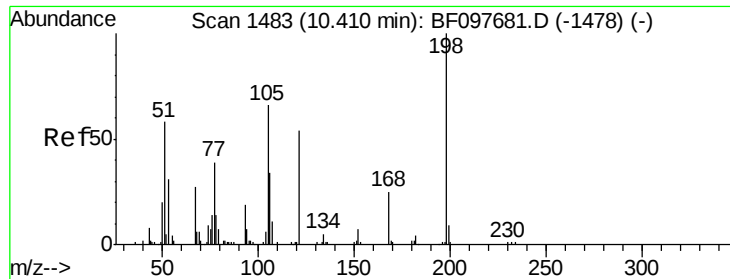
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097767.D
 Acq: 17 Aug 2017 4:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.6	10.2	15.2

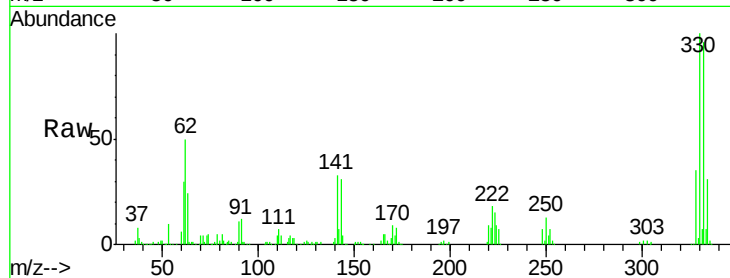




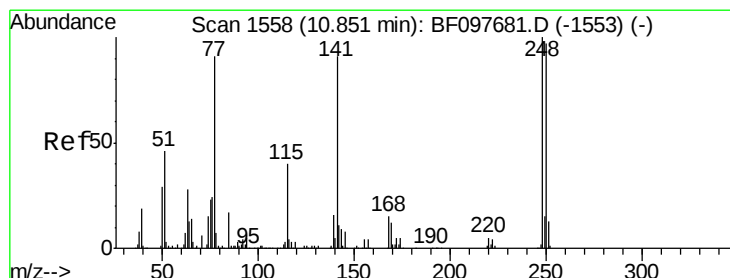
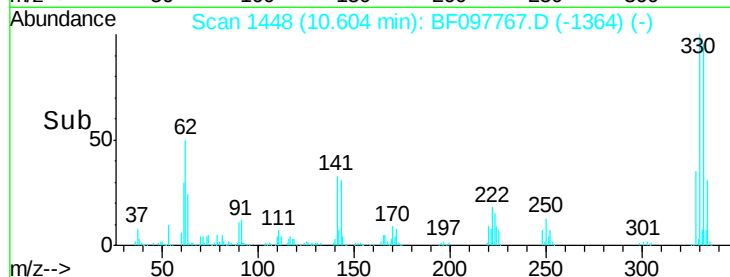
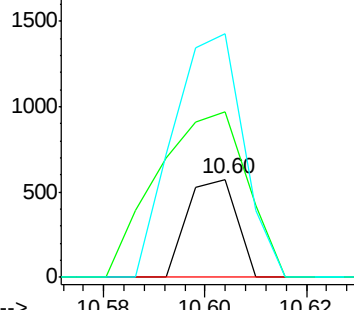
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.52 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.19 min
 Lab File: BF097767.D
 Acq: 17 Aug 2017 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tot Ion	Ratio	Lower	Upper
198	100		
51	168.6	53.2	93.2#
105	248.6	45.8	85.8#

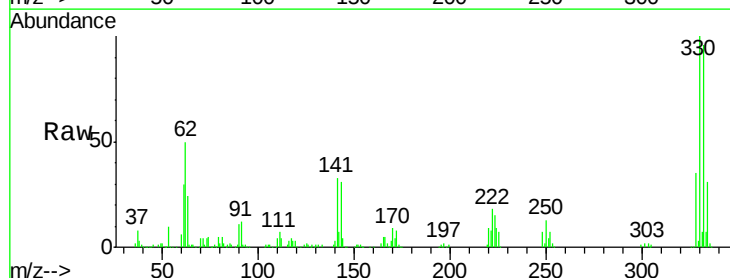


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

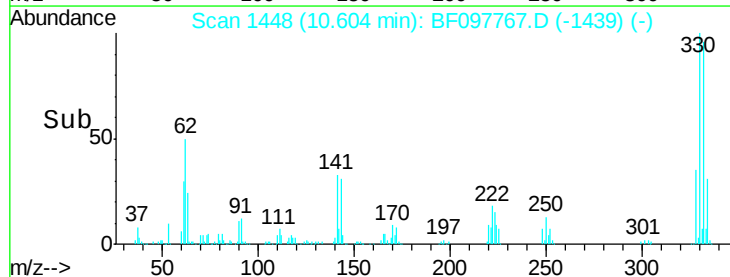
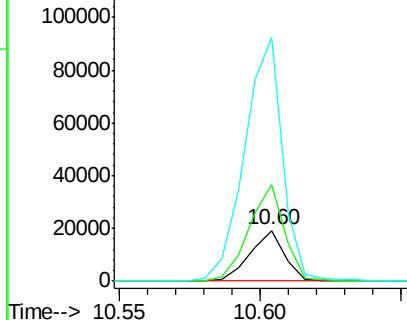


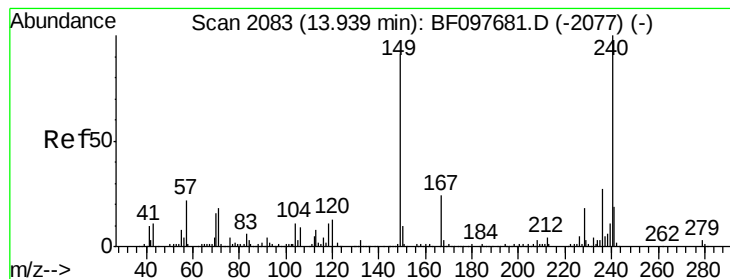
#66
 4-Bromophenyl-phenylether
 Concen: 4.56 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF097767.D
 Acq: 17 Aug 2017 4:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	190.9	76.8	115.2#
141	479.5	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: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097767.D

Acq: 17 Aug 2017 4:59

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

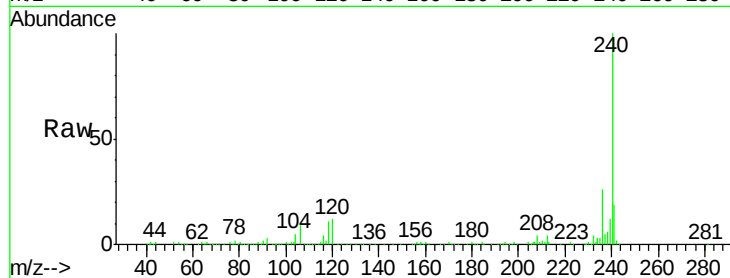
Tot Ion:240 Resp: 259939

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

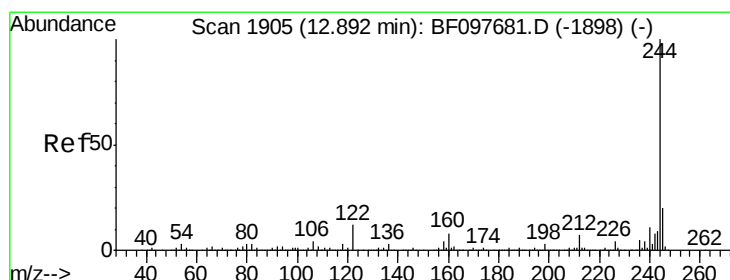
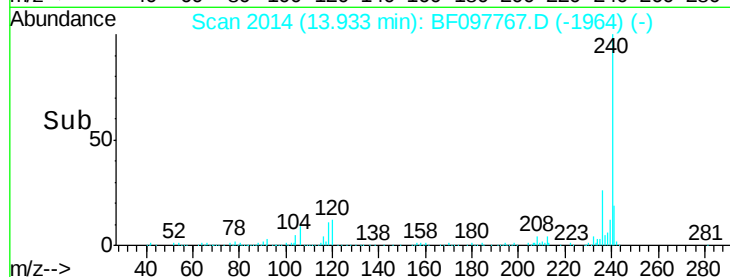
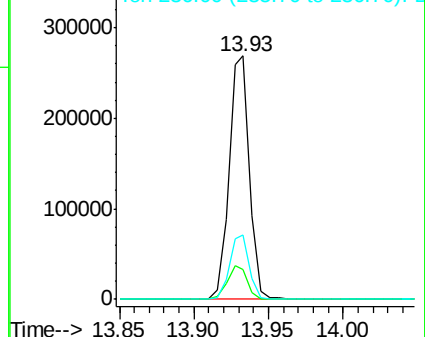
236 26.5 20.5 30.7



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: 63.29 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097767.D

Acq: 17 Aug 2017 4:59

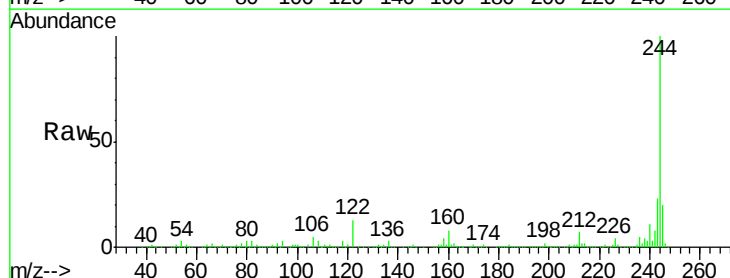
Tgt Ion:244 Resp: 788891

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

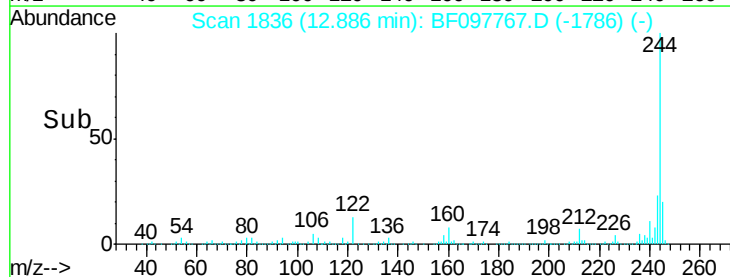
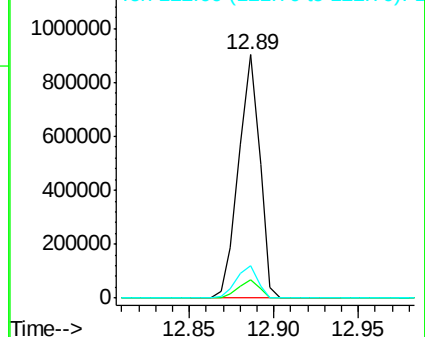
122 13.3 10.3 15.5

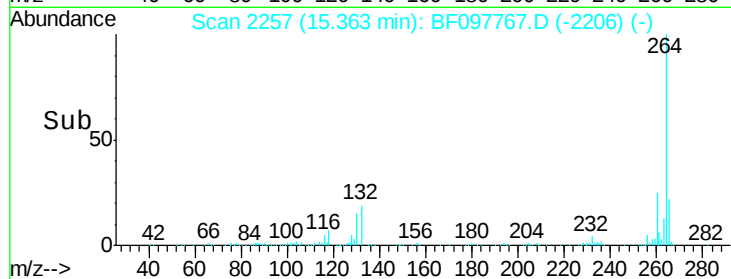
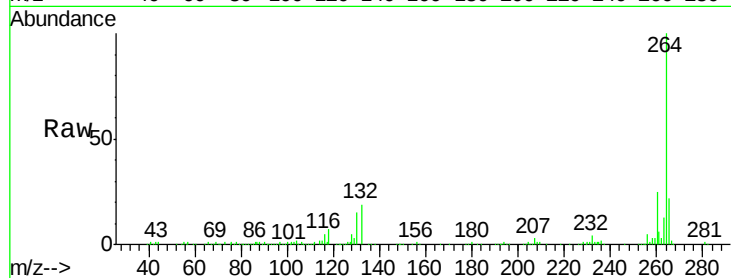
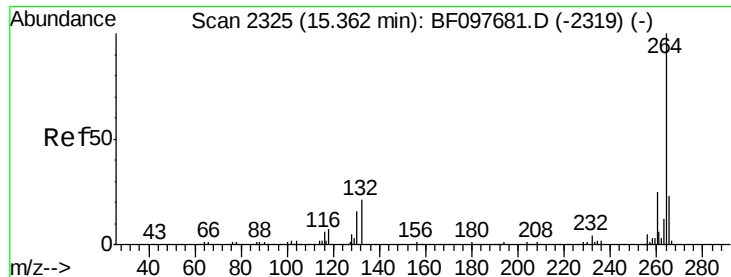


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097767.D
Acq: 17 Aug 2017 4:59

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.8	17.2	25.8

