

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097888.D
 Acq On : 19 Aug 2017 19:36
 Operator : SJ/JU
 Sample : I4838-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

Quant Time: Aug 21 02:42:51 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

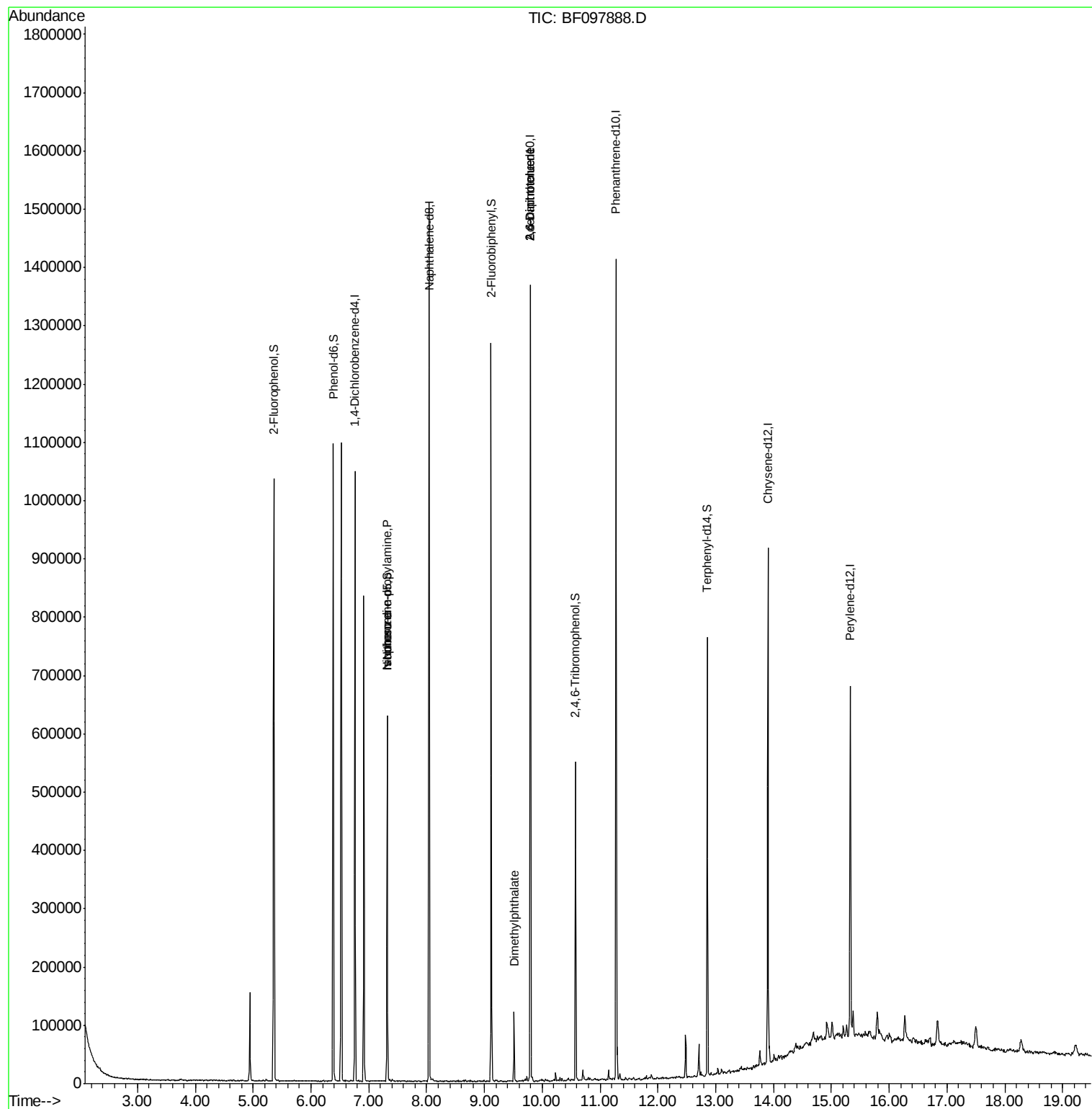
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	152476	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	620524	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	267936	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	448335	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	275870	20.00	ng	-0.04
86) Perylene-d12	15.33	264	264126	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	252864	25.23	ng	-0.03
7) Phenol-d6	6.39	99	356294	26.16	ng	-0.02
23) Nitrobenzene-d5	7.32	82	216435	18.95	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	47755	20.54	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	342282	18.77	ng	-0.03
78) Terphenyl-d14	12.86	244	184118	13.92	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	28610	3.07	ng	# 75
25) Isophorone	7.32	82	215918	9.09	ng	# 67
49) Dimethylphthalate	9.51	163	41151	2.10	ng	98
50) 2,6-Dinitrotoluene	9.79	165	33984	8.69	ng	# 34
56) 2,4-Dinitrotoluene	9.79	165	33984	6.93	ng	# 33

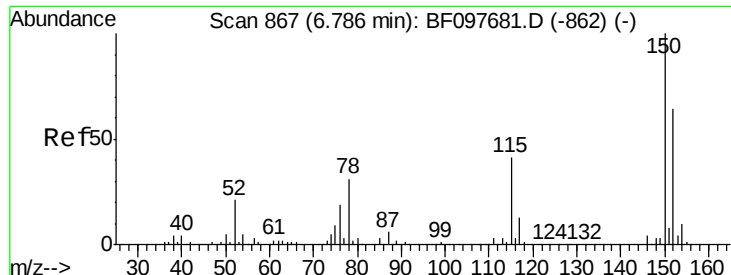
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097888.D
Acq On : 19 Aug 2017 19:36
Operator : SJ/JU
Sample : I4838-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Quant Time: Aug 21 02:42:51 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

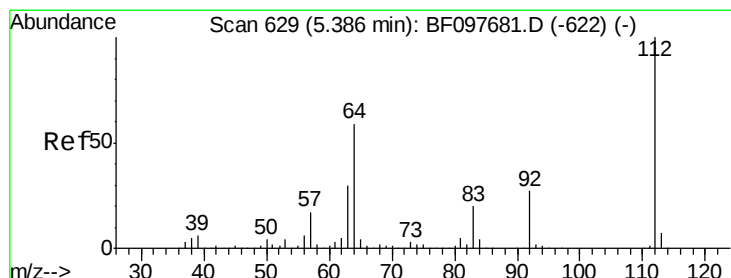
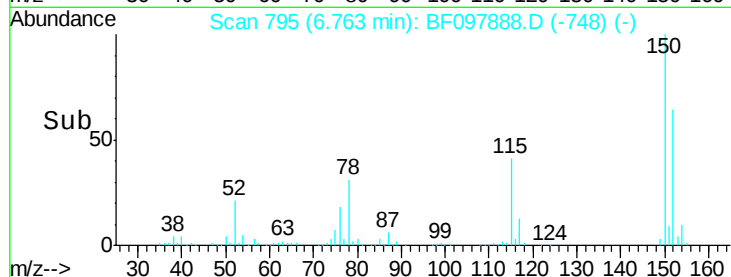
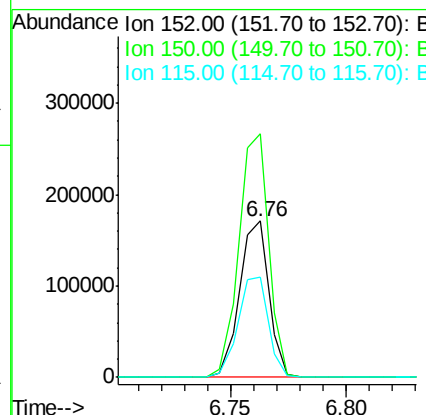
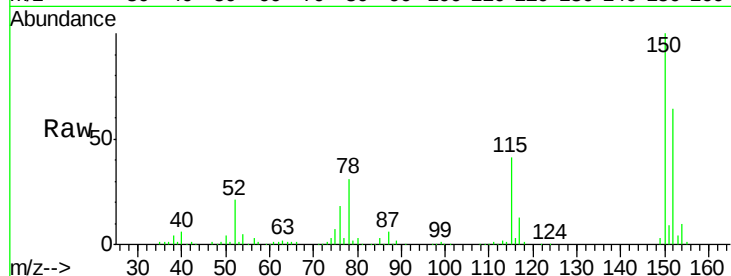




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097888.D
 Acq: 19 Aug 2017 19:36

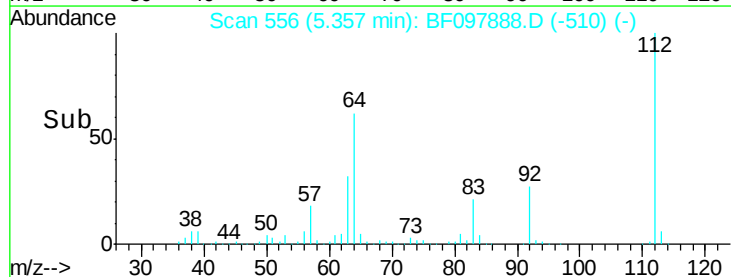
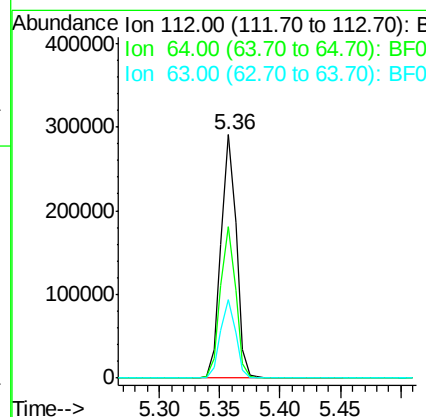
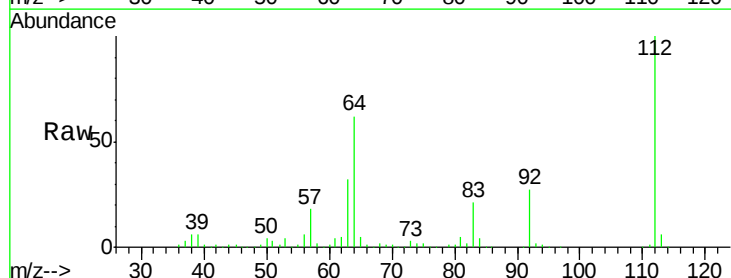
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

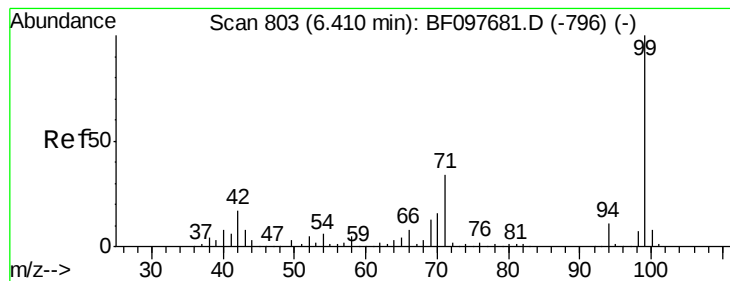
Tot Ion:152 Resp: 152476
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.2
 115 64.3 52.2 78.2



#5
 2-Fluorophenol
 Concen: 25.23 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: BF097888.D
 Acq: 19 Aug 2017 19:36

Tgt Ion:112 Resp: 252864
 Ion Ratio Lower Upper
 112 100
 64 62.1 46.0 69.0
 63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 26.16 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

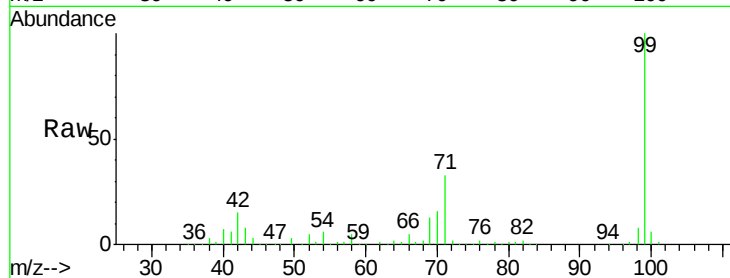
Tot Ion: 99 Resp: 356294

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

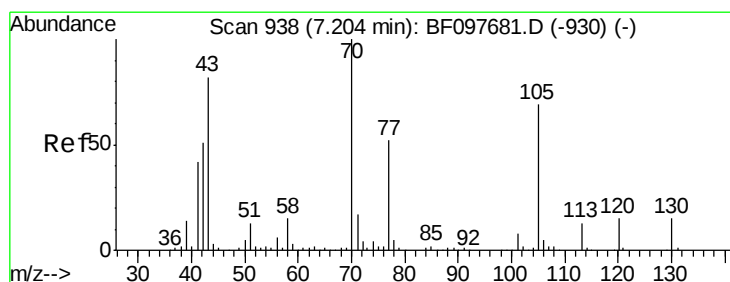
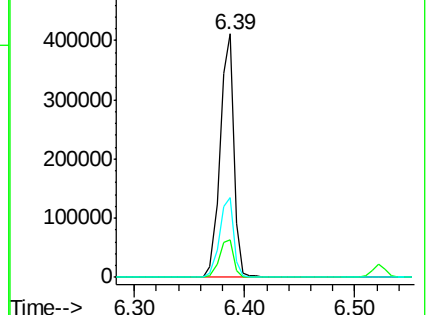
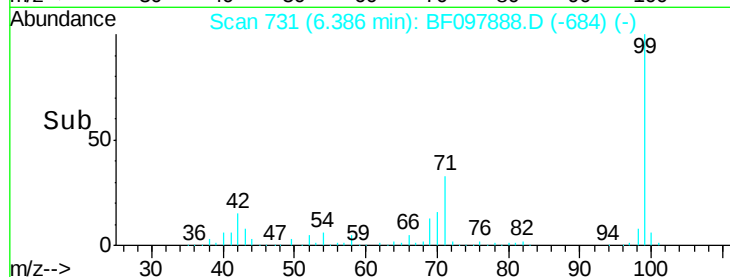
71 32.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.07 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.11 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Tgt Ion: 70 Resp: 28610

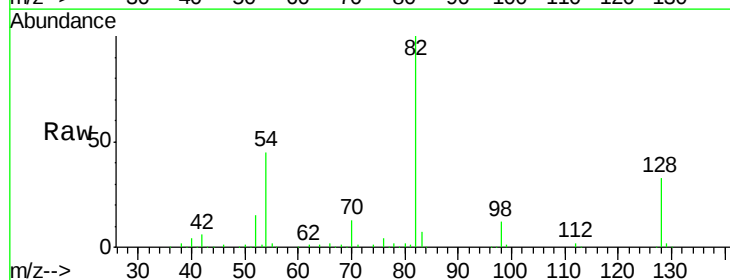
Ion Ratio Lower Upper

70 100

42 44.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.5 15.9 23.9#

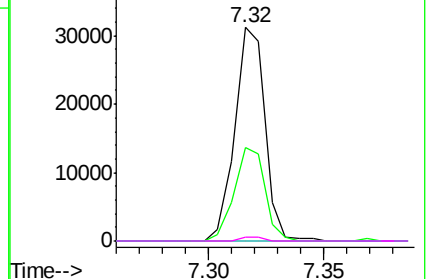
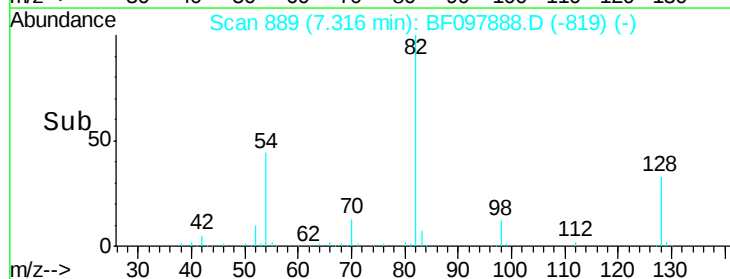


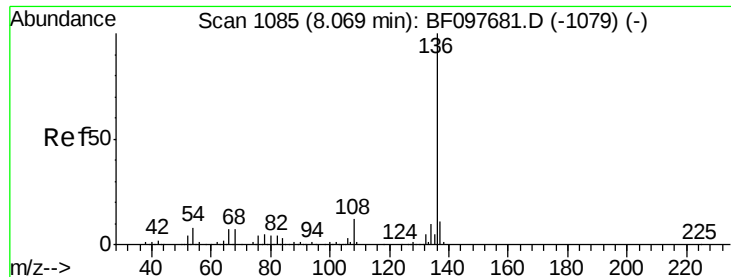
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

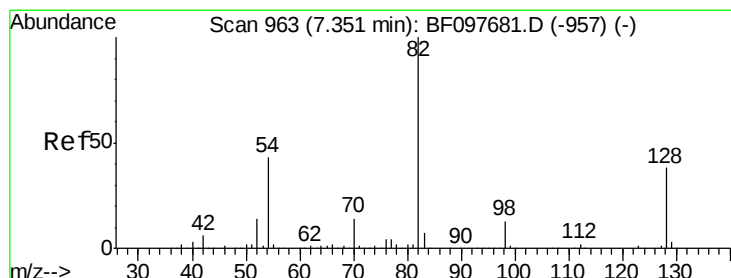
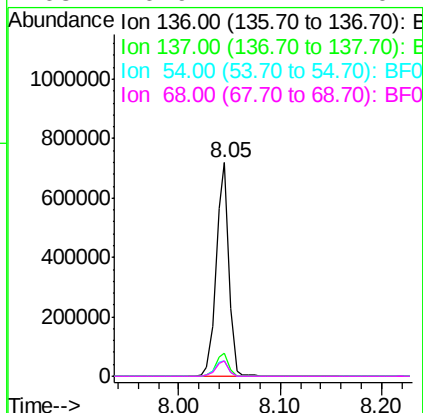
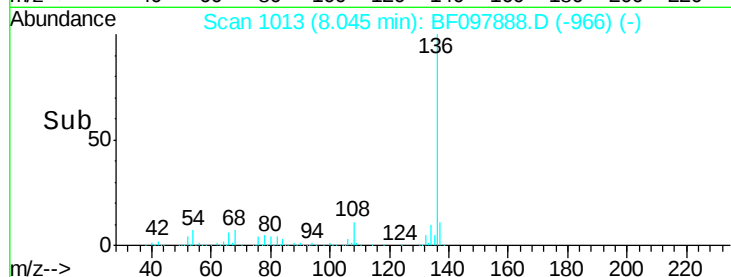
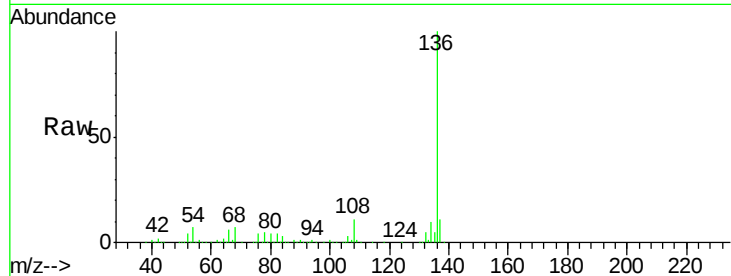




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097888.D
Acq: 19 Aug 2017 19:36

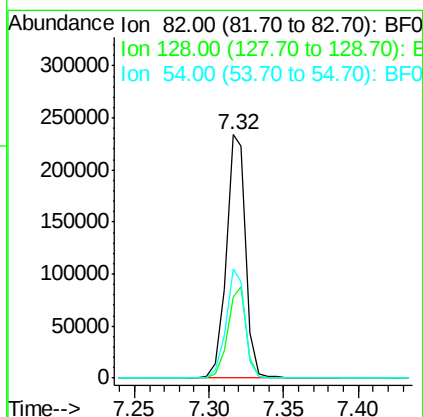
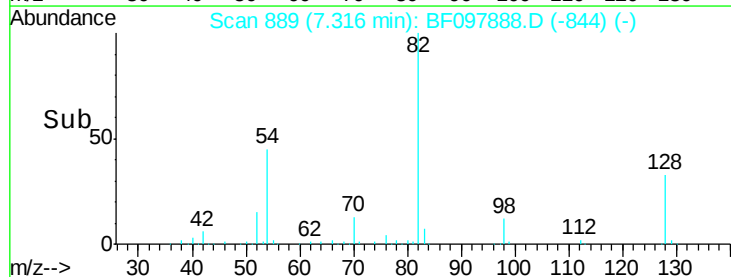
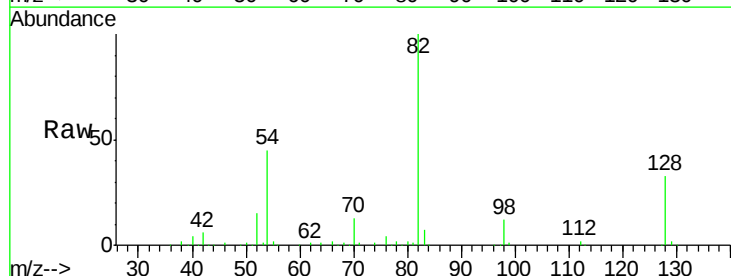
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Tot Ion:136	Resp:	620524
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.5 12.7
54	7.2	4.9 7.3
68	6.9	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 18.95 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF097888.D
Acq: 19 Aug 2017 19:36

Tgt Ion: 82	Resp:	216435
Ion	Ratio	Lower Upper
82	100	
128	33.4	34.0 51.0#
54	44.6	42.2 63.2





#25

Isophorone

Concen: 9.09 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.29 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

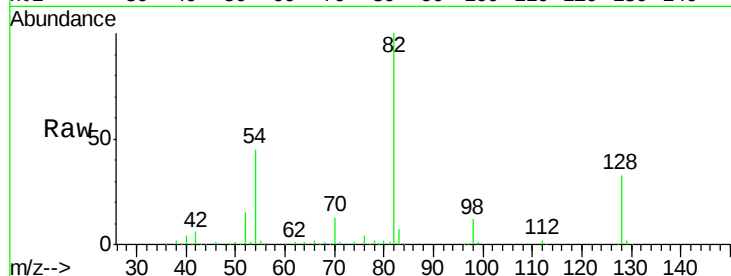
Tot Ion: 82 Resp: 215918

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

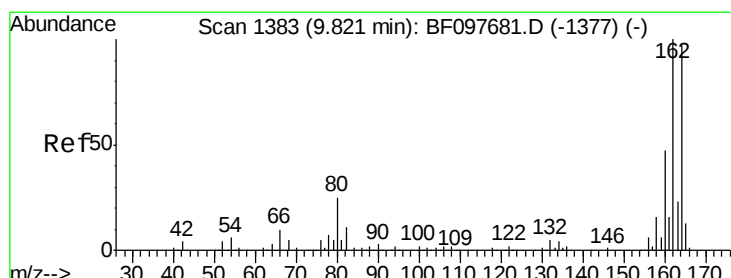
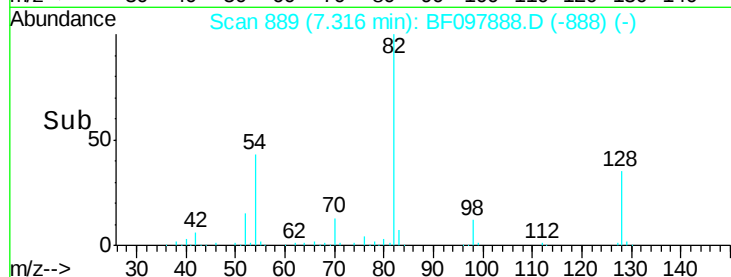
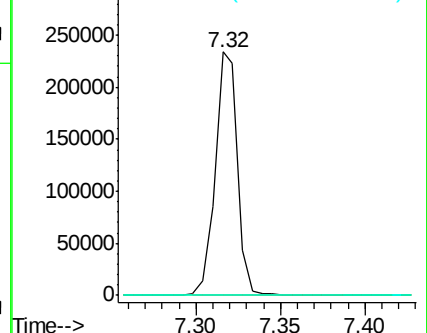
138 0.0 13.1 19.7#



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: 9.79 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

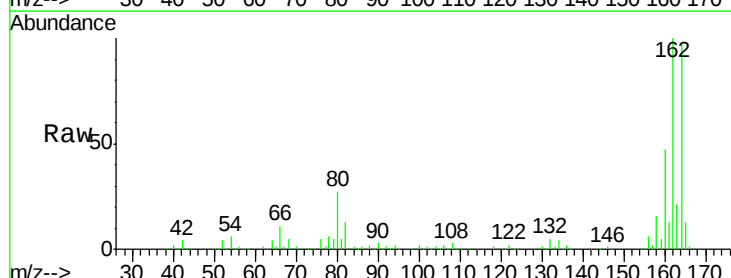
Tgt Ion: 164 Resp: 267936

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

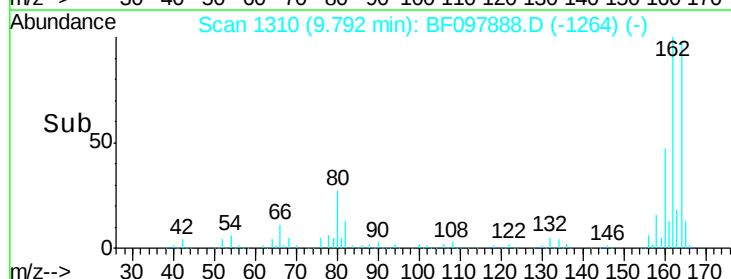
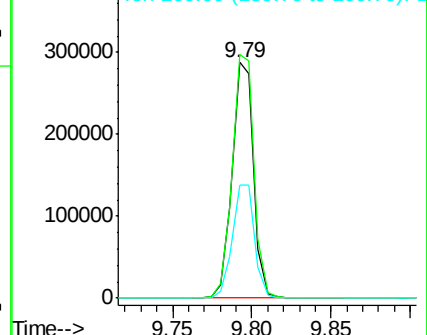
160 48.1 36.2 54.2

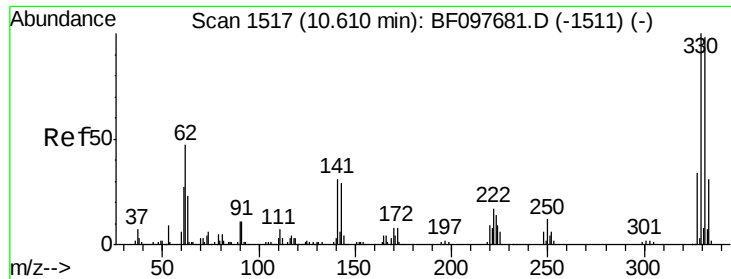


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

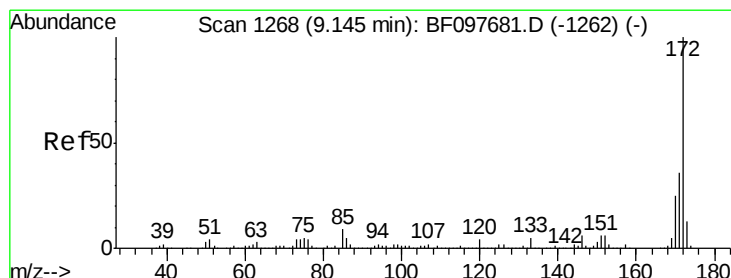
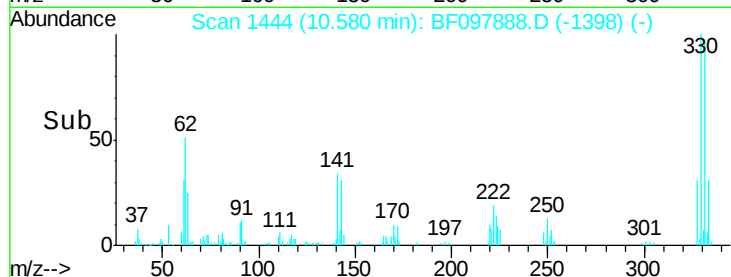
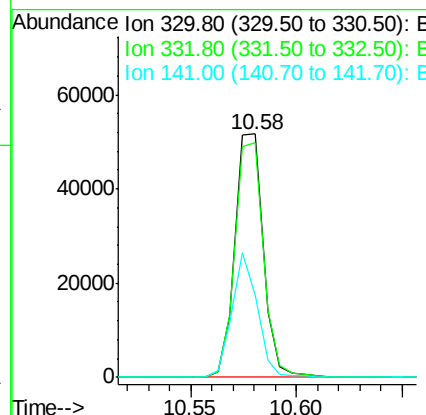
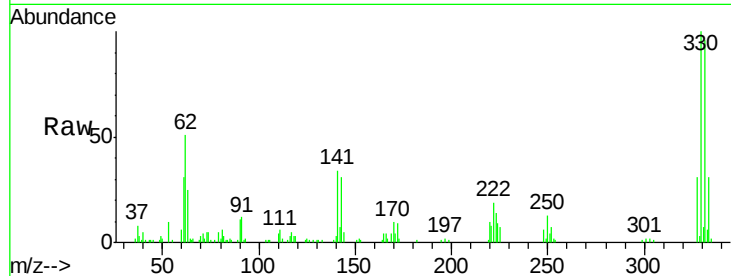




#41
 2,4,6-Tribromophenol
 Concen: 20.54 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.03 min
 Lab File: BF097888.D
 Acq: 19 Aug 2017 19:36

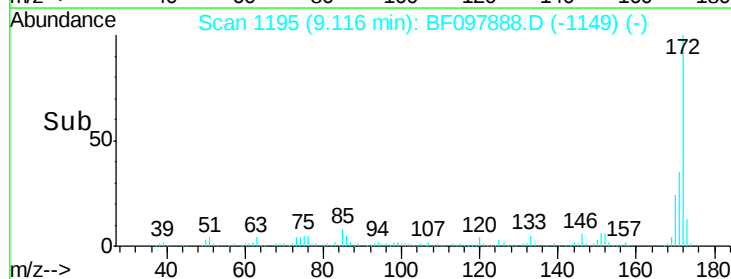
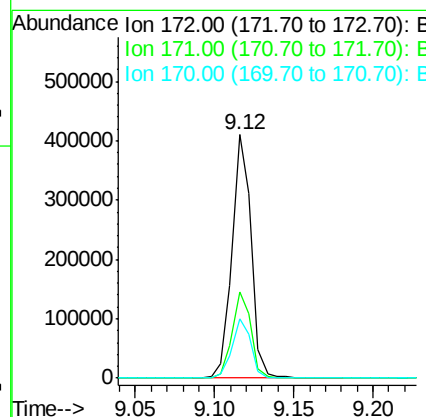
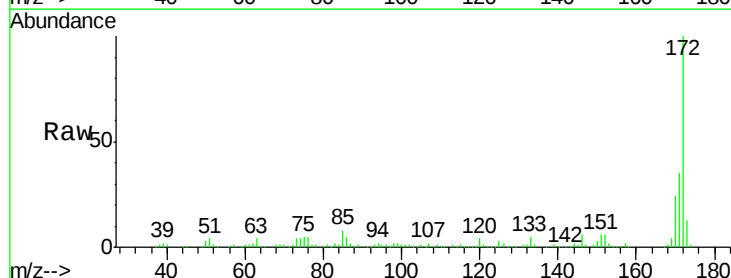
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

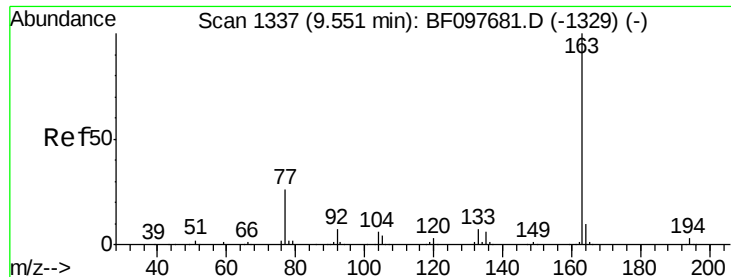
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	45.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 18.77 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF097888.D
 Acq: 19 Aug 2017 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.1	19.8	29.8

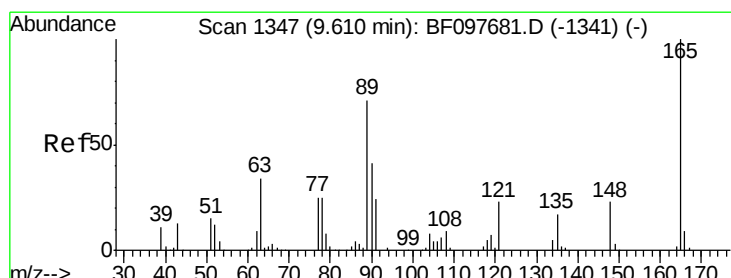
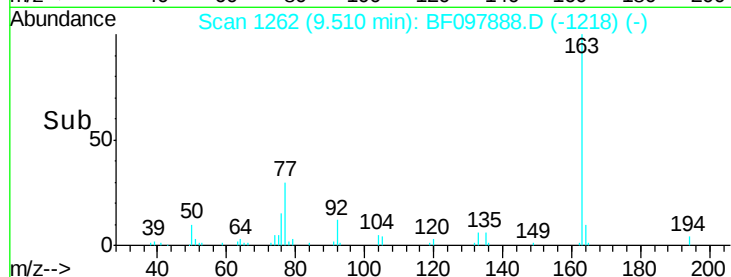
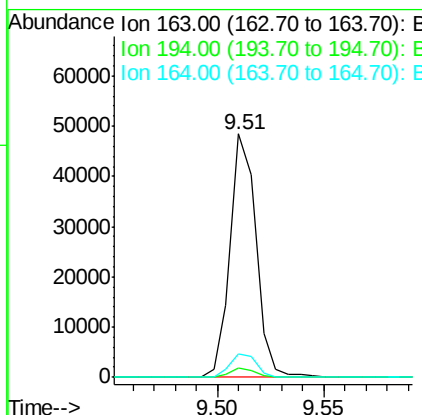
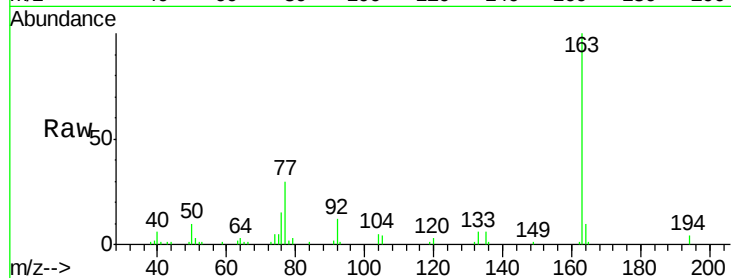




#49
Dimethylphthalate
Concen: 2.10 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BF097888.D
Acq: 19 Aug 2017 19:36

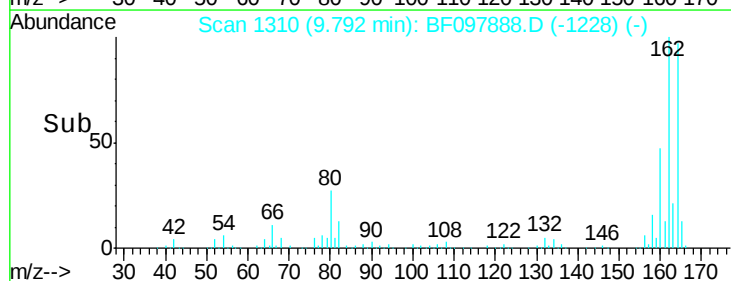
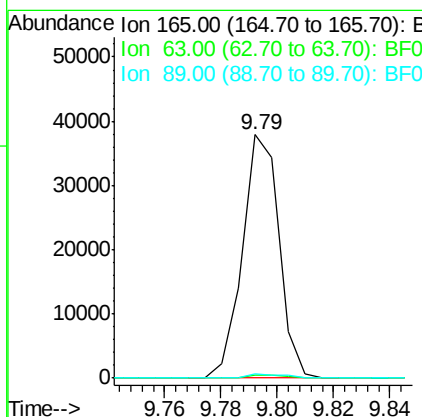
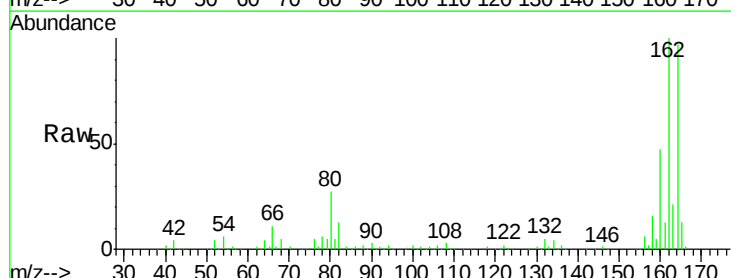
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Tot Ion:163 Resp: 41151
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 8.69 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.18 min
Lab File: BF097888.D
Acq: 19 Aug 2017 19:36

Tgt Ion:165 Resp: 33984
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.8 37.1 55.7#





#56

2,4-Dinitrotoluene

Concen: 6.93 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.21 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

Tot Ion:165 Resp: 33984

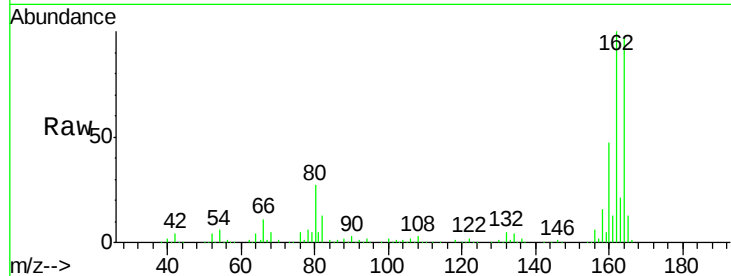
Ion Ratio Lower Upper

165 100

63 1.1 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

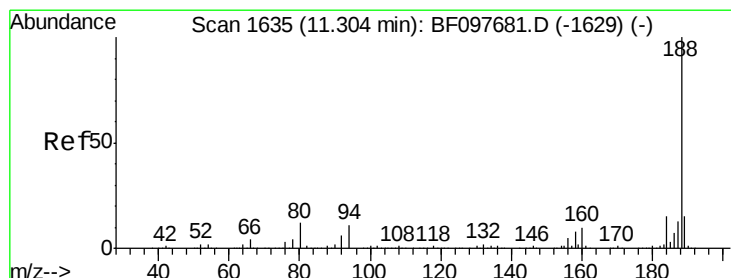
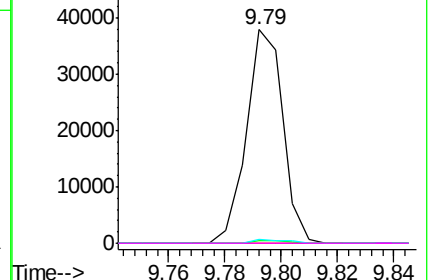
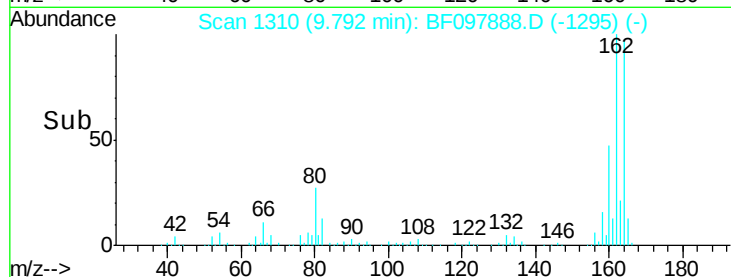


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.03 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

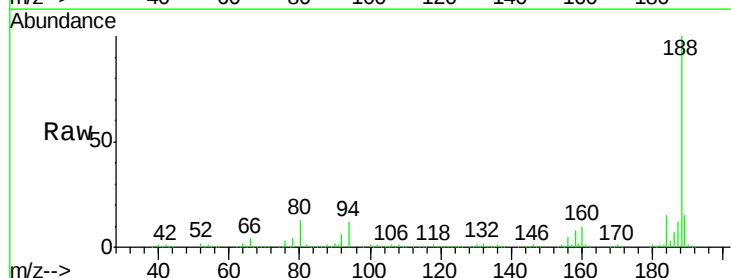
Tgt Ion:188 Resp: 448335

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

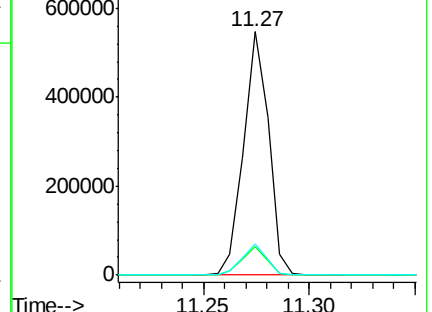
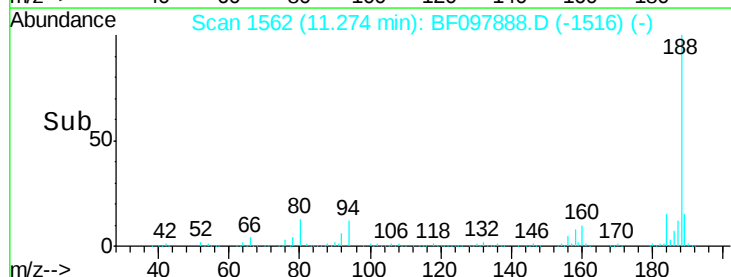
80 13.0 10.2 15.2

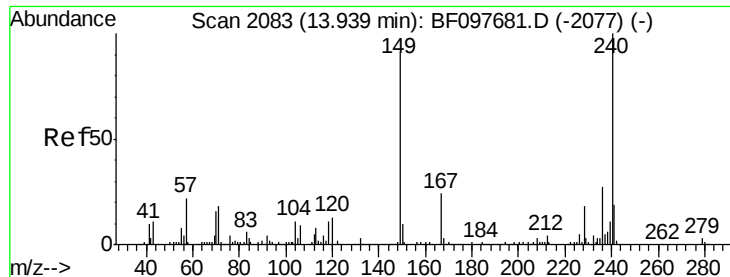


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.04 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

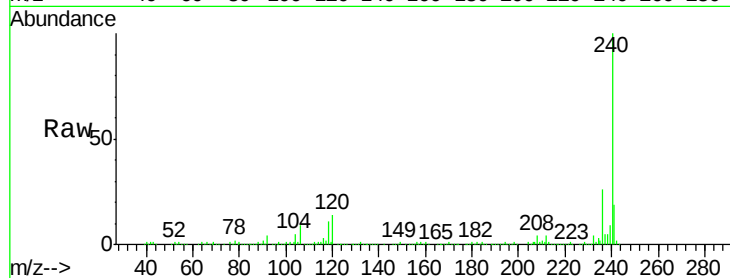
Tot Ion:240 Resp: 275870

Ion Ratio Lower Upper

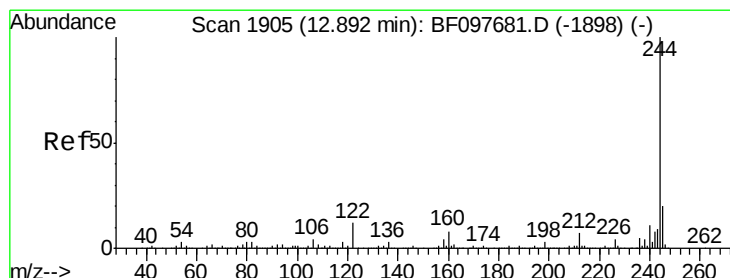
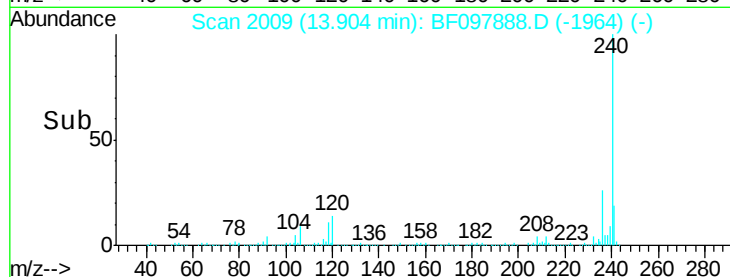
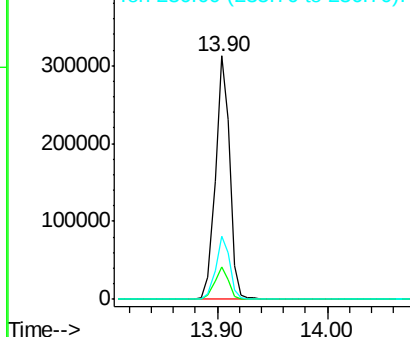
240 100

120 13.6 5.8 8.8#

236 25.8 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: 13.92 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

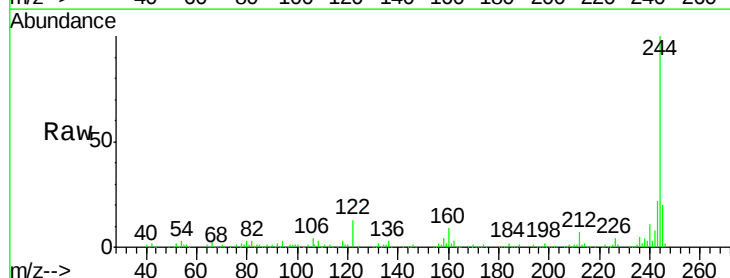
Tgt Ion:244 Resp: 184118

Ion Ratio Lower Upper

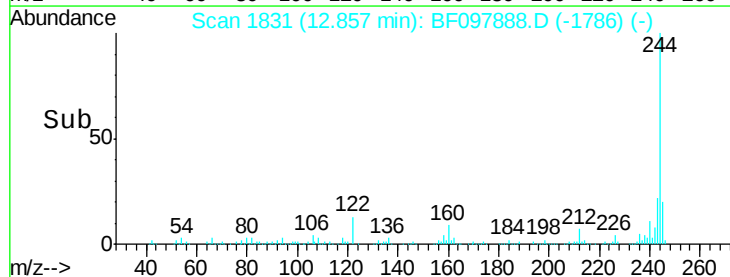
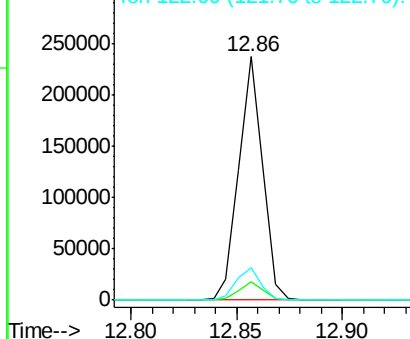
244 100

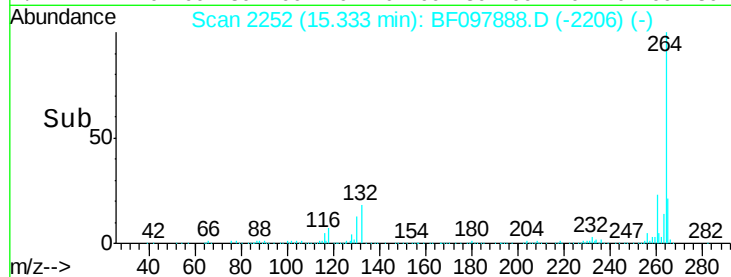
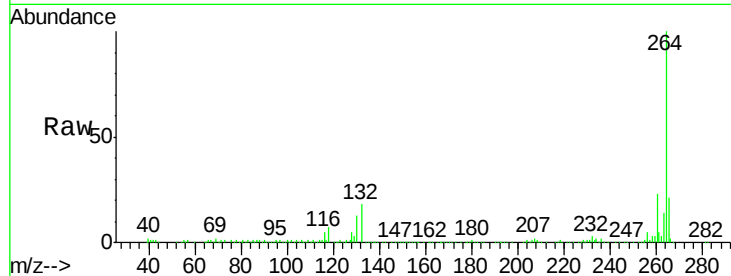
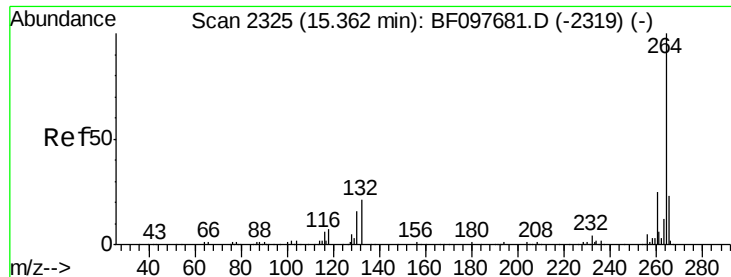
212 7.4 6.0 9.0

122 13.2 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: 15.33 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BF097888.D
Acq: 19 Aug 2017 19:36

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Tot Ion:	264	Resp:	264126
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.9	17.2	25.8

