

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097799.D
 Acq On : 17 Aug 2017 21:23
 Operator : SJ/JU
 Sample : I4808-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP106-I(0-5)COMP

Quant Time: Aug 18 01:33:36 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

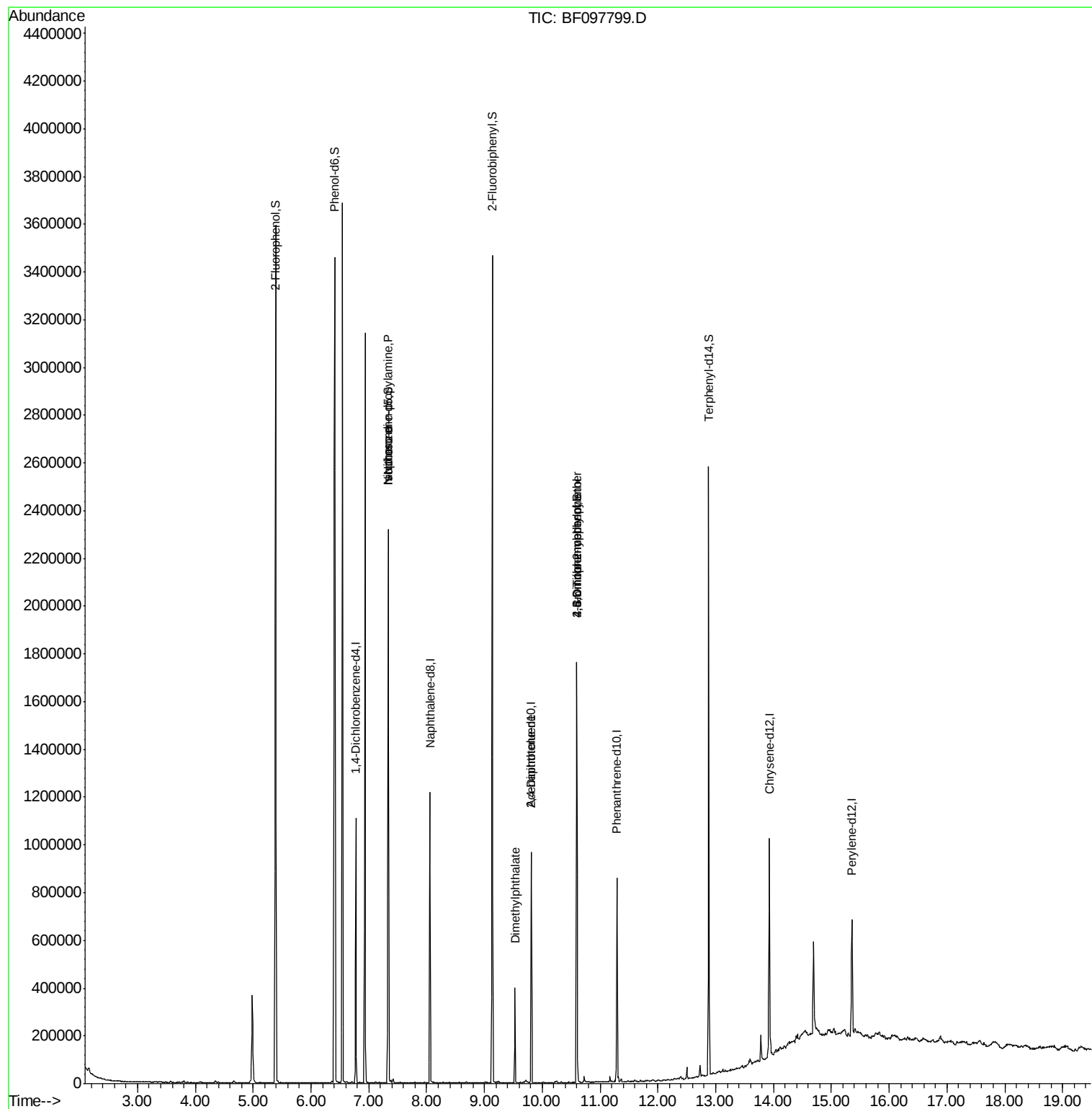
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	135169	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	482452	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	174615	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	289387	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	277191	20.00	ng	-0.01
86) Perylene-d12	15.36	264	205902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1083843	121.97	ng	0.00
7) Phenol-d6	6.41	99	1441644	119.40	ng	0.00
23) Nitrobenzene-d5	7.34	82	850663	95.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	174685	115.30	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1052364	88.55	ng	0.00
78) Terphenyl-d14	12.88	244	757954	57.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	116240	14.06	ng	# 73
25) Isophorone	7.34	82	848333	45.94	ng	# 67
49) Dimethylphthalate	9.53	163	127824	10.01	ng	98
56) 2,4-Dinitrotoluene	9.81	165	21850	6.83	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	445	8.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	12130	4.04	ng	# 1

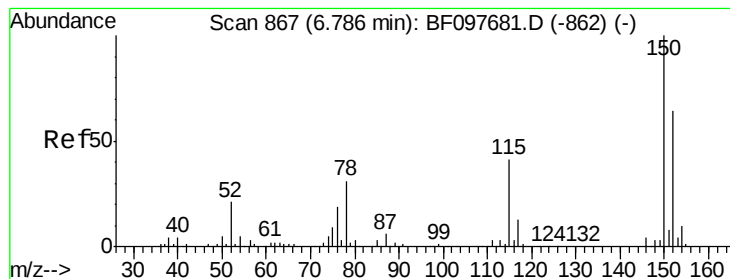
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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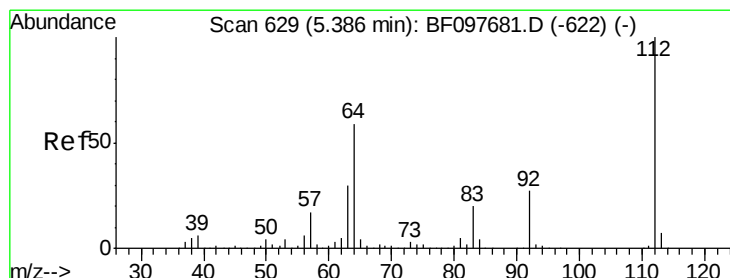
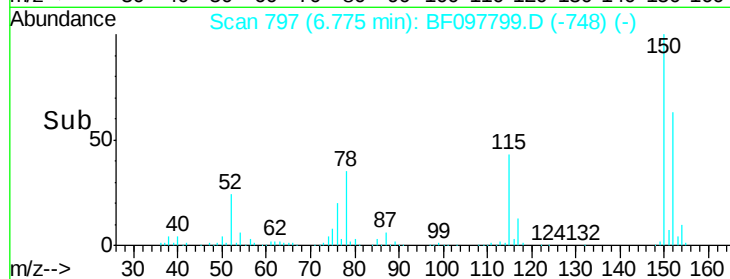
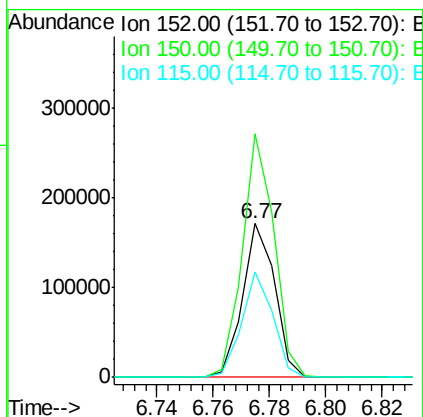
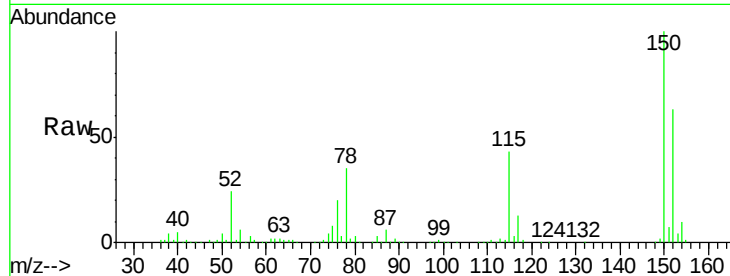


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097799.D
 Acq: 17 Aug 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP106-I(0-5)COMP

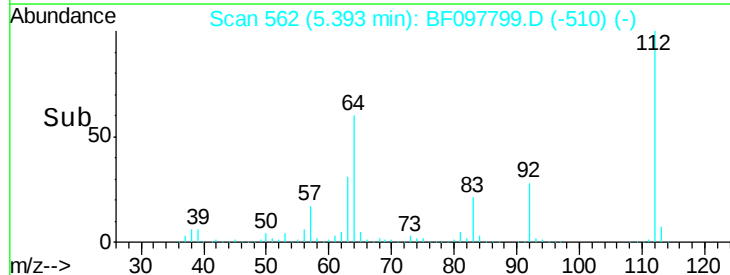
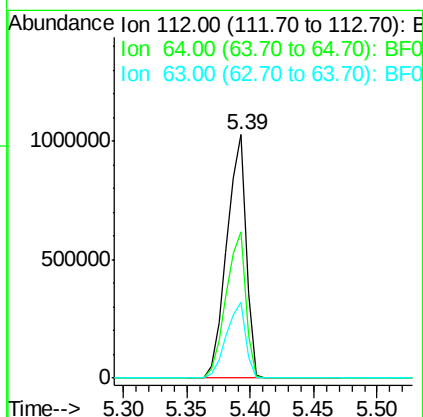
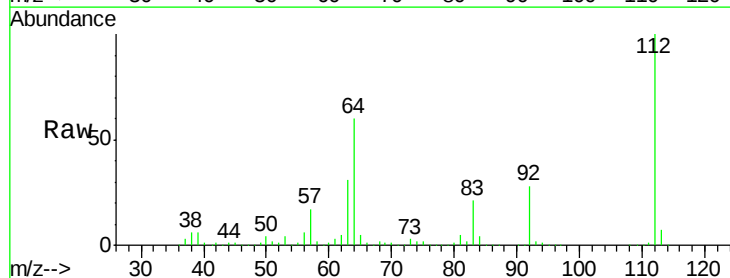
Tot Ion:152 Resp: 135169
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.2 189.2
 115 68.5 52.2 78.2

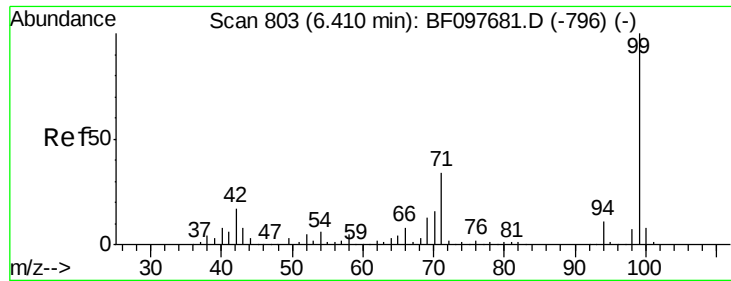


#5

2-Fluorophenol
 Concen: 121.97 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097799.D
 Acq: 17 Aug 2017 21:23

Tgt Ion:112 Resp: 1083843
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.0 69.0
 63 31.2 23.4 35.0





#7

Phenol-d6

Concen: 119.40 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097799.D

Acq: 17 Aug 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP106-I(0-5)COMP

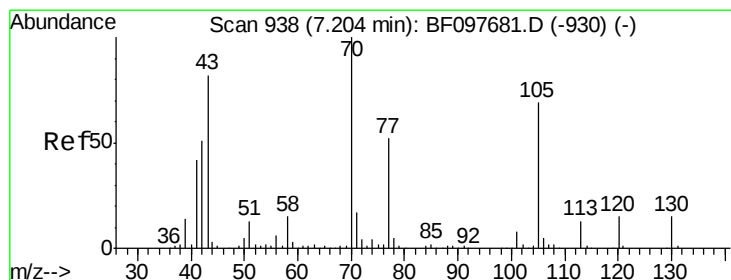
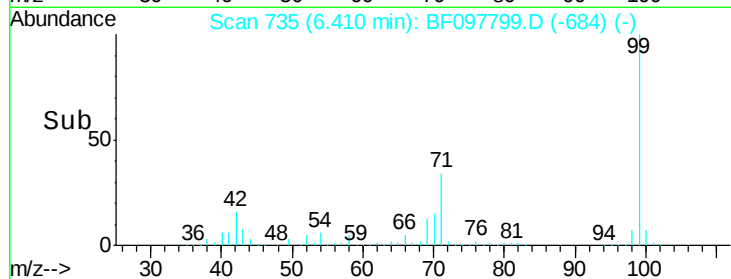
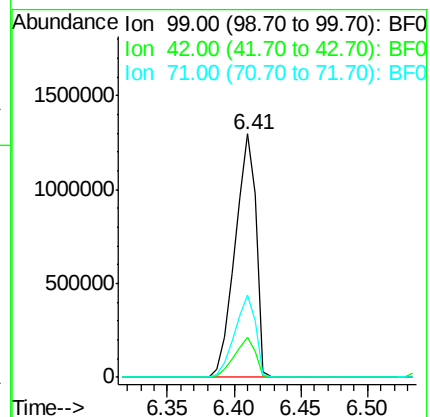
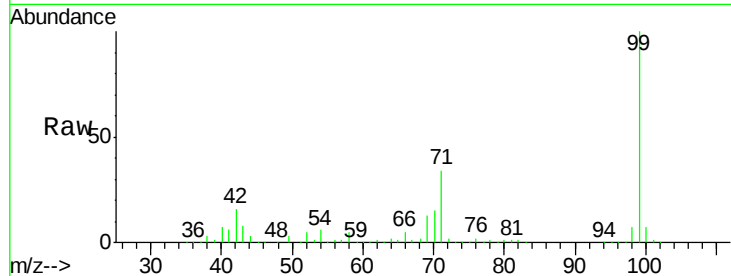
Tot Ion: 99 Resp: 1441644

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 33.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.06 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097799.D

Acq: 17 Aug 2017 21:23

Tgt Ion: 70 Resp: 116240

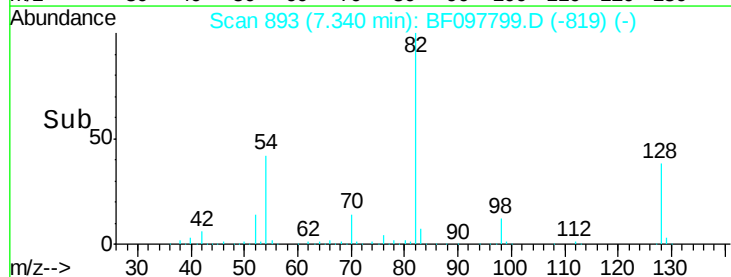
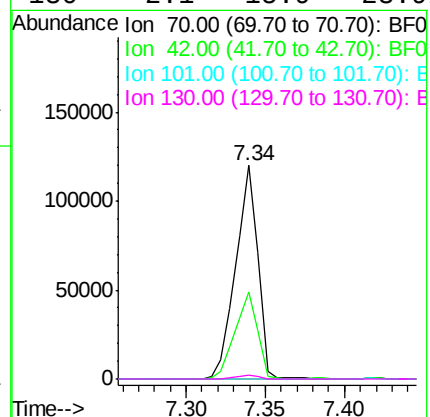
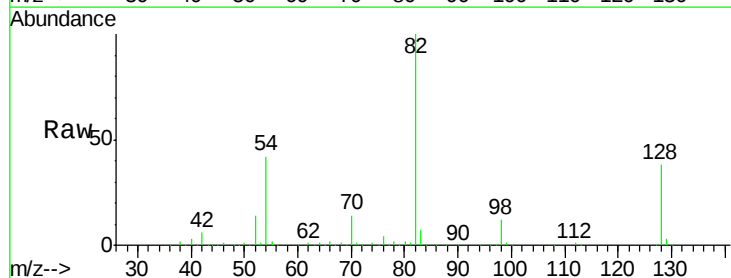
Ion Ratio Lower Upper

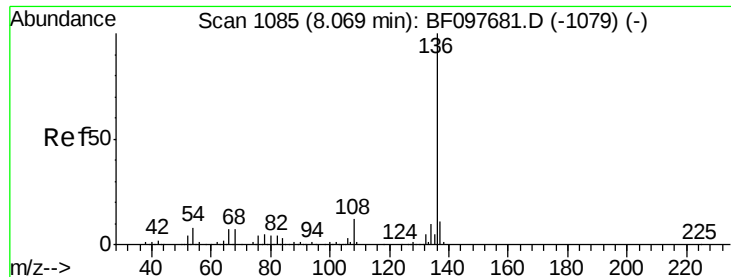
70 100

42 41.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097799.D

Acq: 17 Aug 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP106-I(0-5)COMP

Tot Ion:136 Resp: 482452

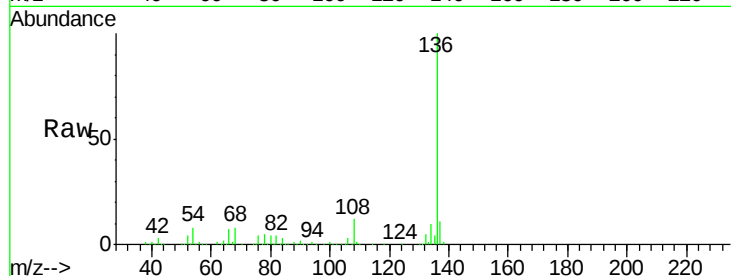
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.4 4.9 7.3#

68 7.7 4.1 6.1#

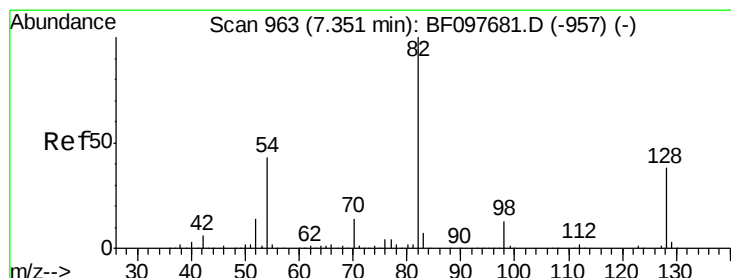
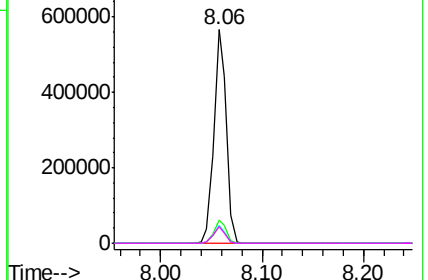
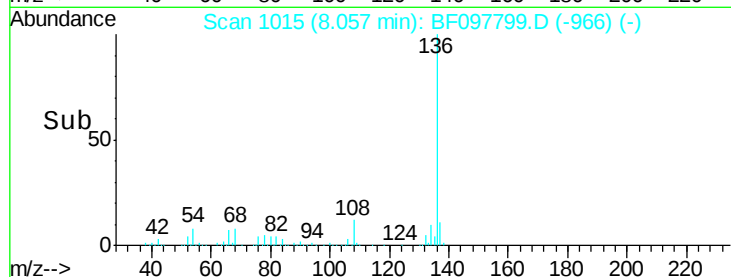


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 95.79 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097799.D

Acq: 17 Aug 2017 21:23

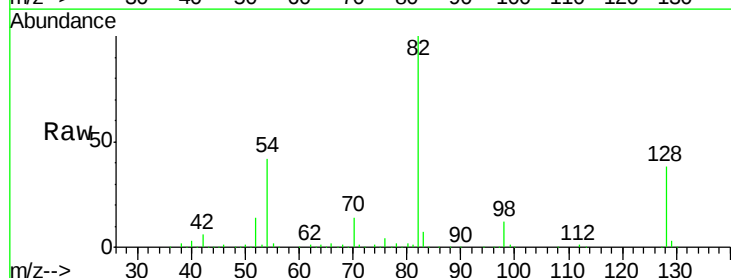
Tgt Ion: 82 Resp: 850663

Ion Ratio Lower Upper

82 100

128 37.6 34.0 51.0

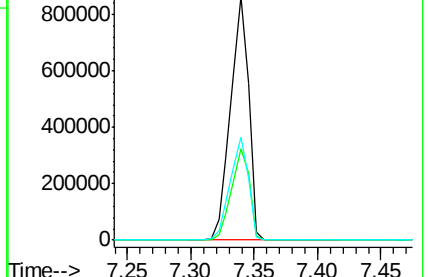
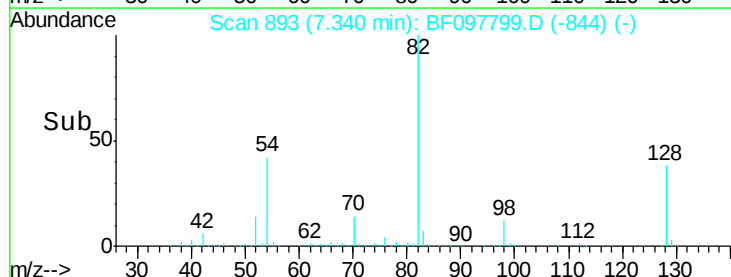
54 42.2 42.2 63.2

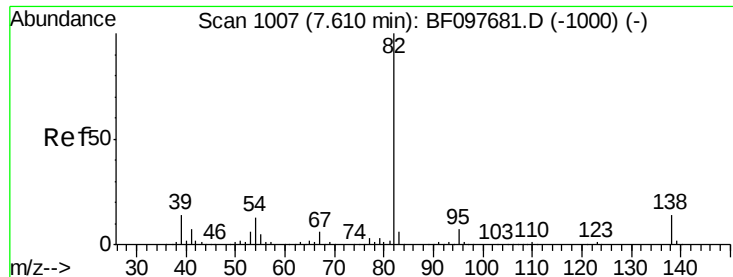


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.94 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097799.D

Acq: 17 Aug 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP106-I(0-5)COMP

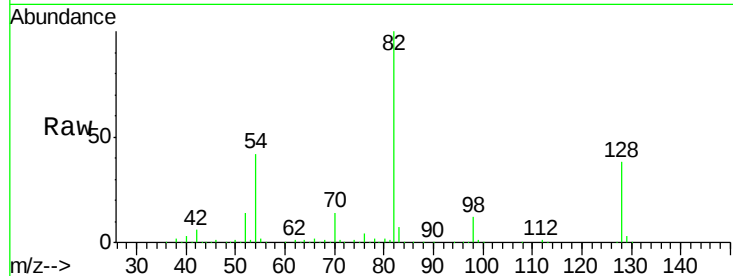
Tot Ion: 82 Resp: 848333

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

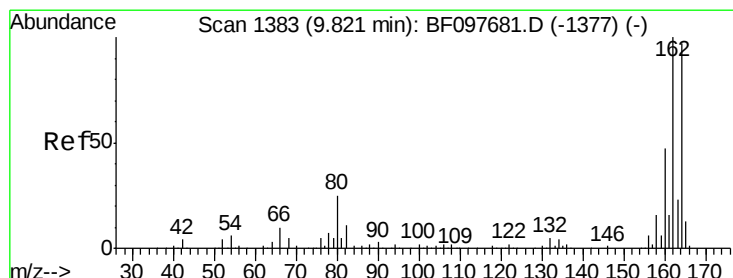
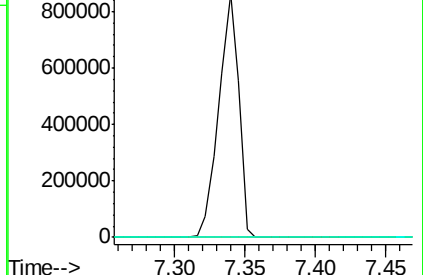
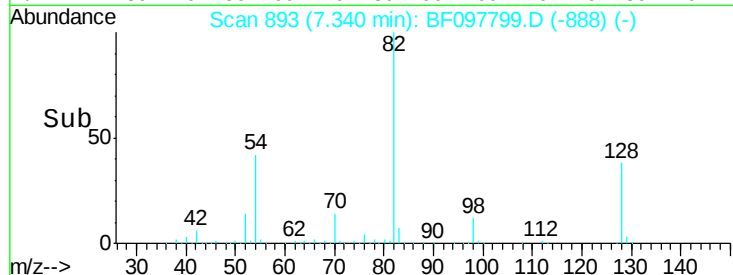
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF097799.D (-888) (-)

Ion 95.00 (94.70 to 95.70): BF097799.D (-888) (-)

Ion 138.00 (137.70 to 138.70): BF097799.D (-888) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097799.D

Acq: 17 Aug 2017 21:23

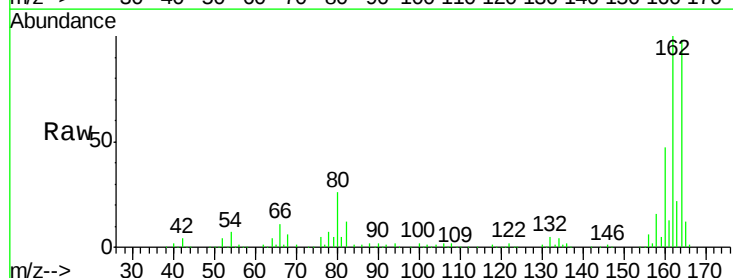
Tgt Ion: 164 Resp: 174615

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

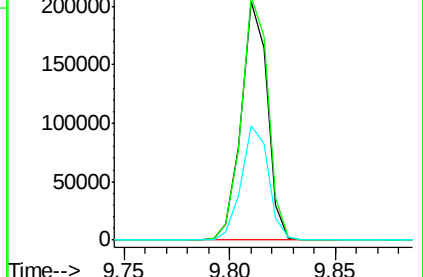
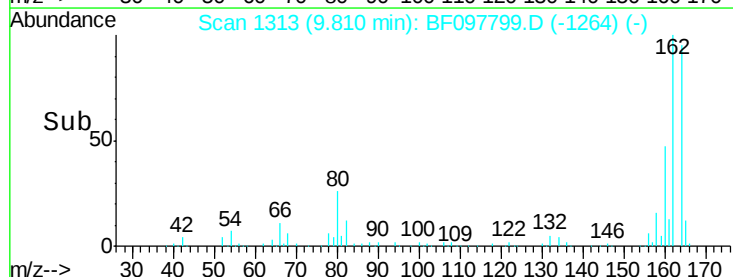
160 48.3 36.2 54.2

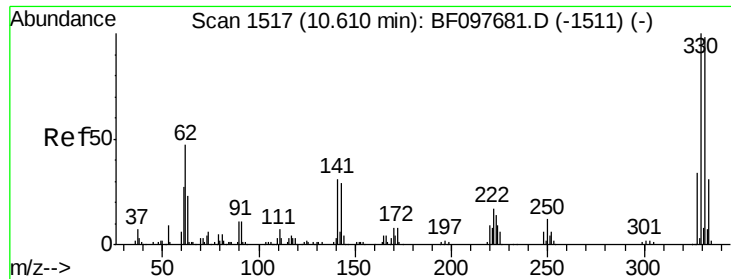


Abundance Ion 164.00 (163.70 to 164.70): BF097799.D (-1264) (-)

Ion 162.00 (161.70 to 162.70): BF097799.D (-1264) (-)

Ion 160.00 (159.70 to 160.70): BF097799.D (-1264) (-)

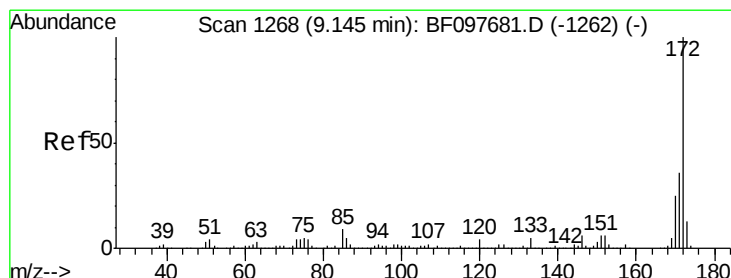
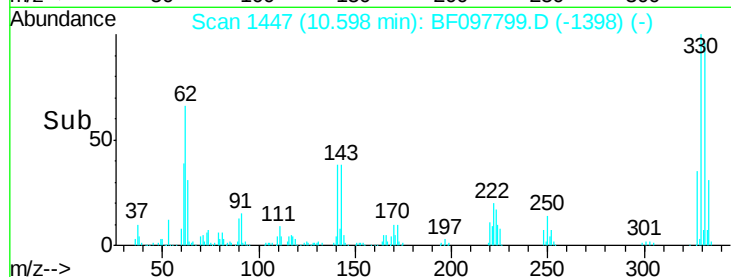
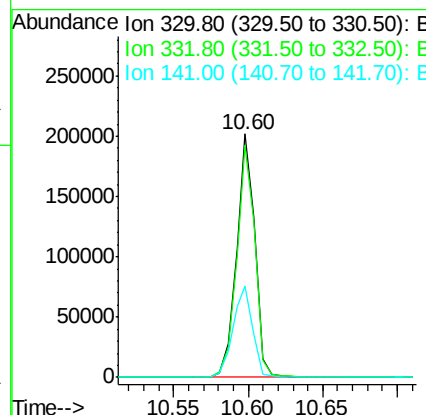
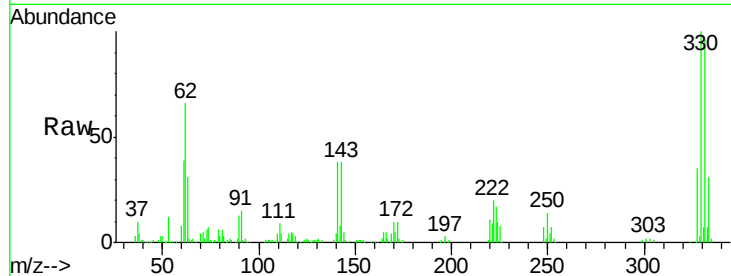




#41
 2,4,6-Tribromophenol
 Concen: 115.30 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097799.D
 Acq: 17 Aug 2017 21:23

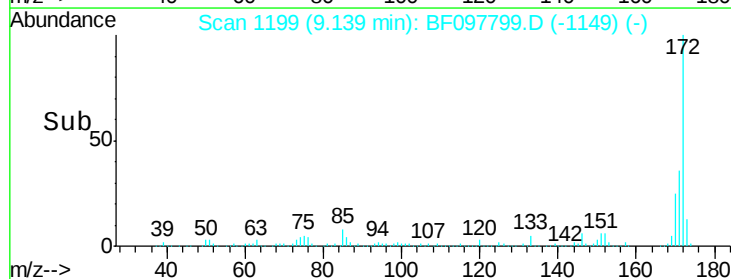
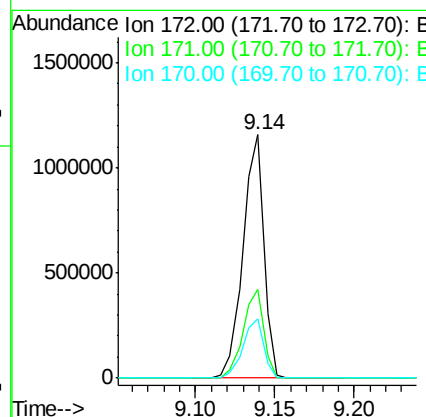
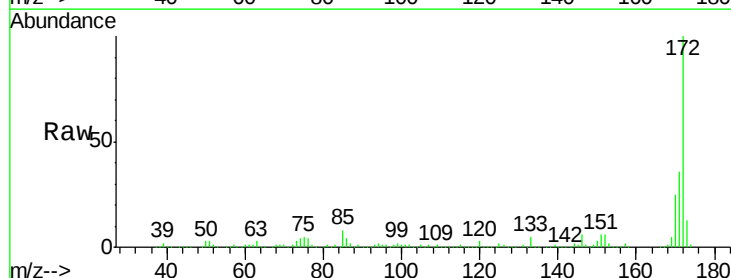
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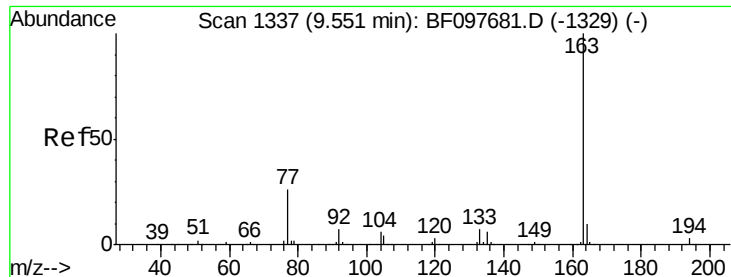
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	40.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 88.55 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097799.D
 Acq: 17 Aug 2017 21:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.5	19.8	29.8

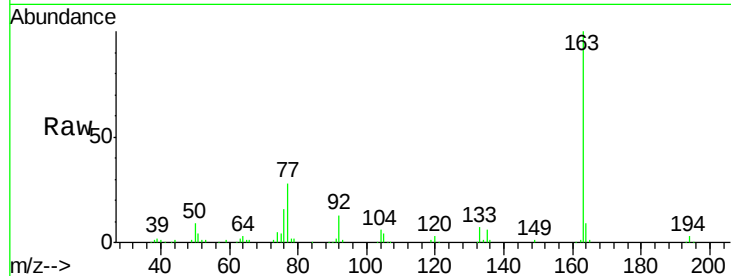




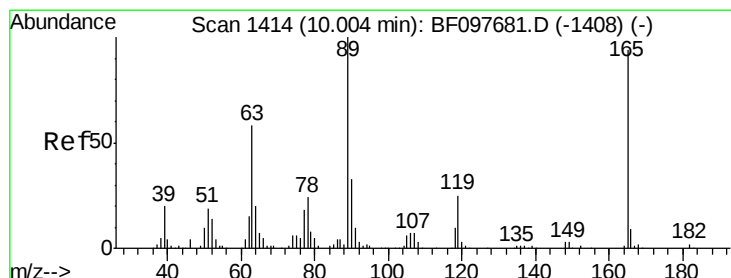
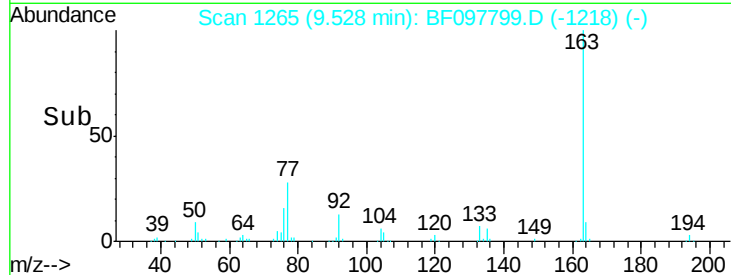
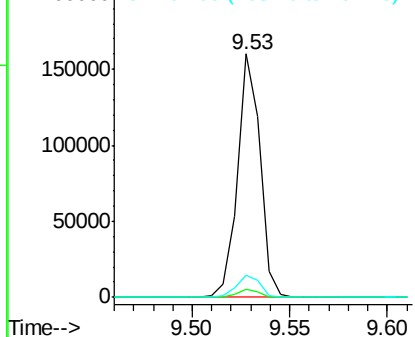
#49
Dimethylphthalate
Concen: 10.01 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097799.D
Acq: 17 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP106-I(0-5)COMP

Tot Ion:163 Resp: 127824
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.4 8.4 12.6



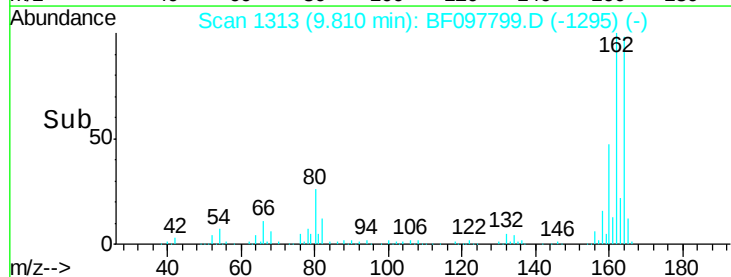
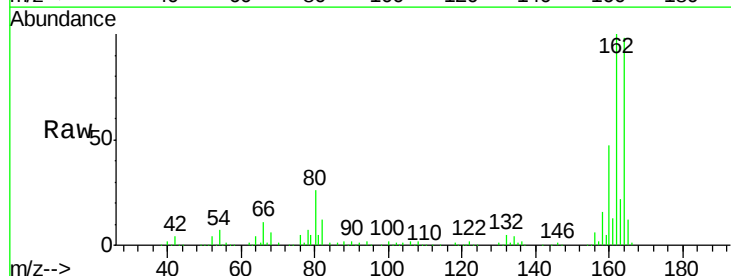
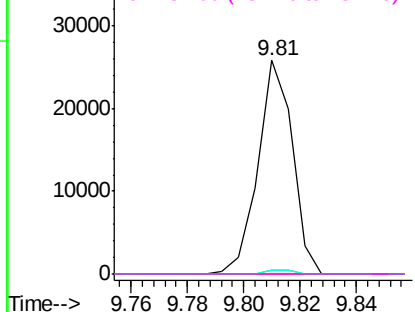
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

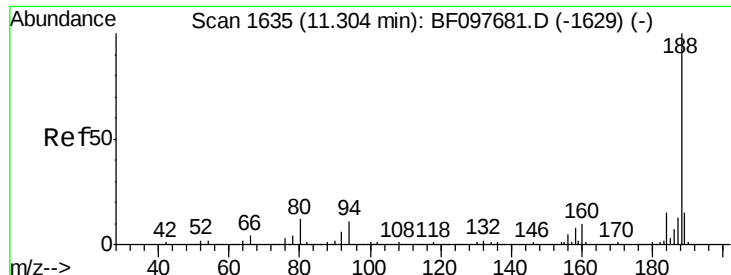


#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097799.D
Acq: 17 Aug 2017 21:23

Tgt Ion:165 Resp: 21850
Ion Ratio Lower Upper
165 100
63 1.9 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

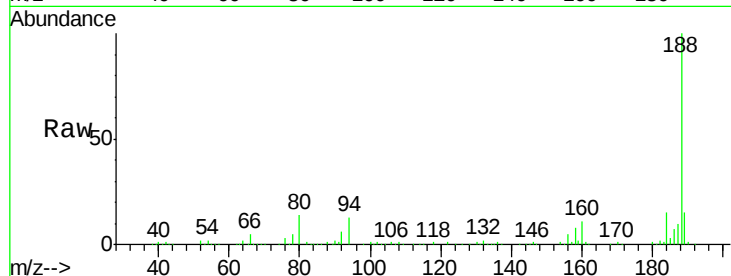




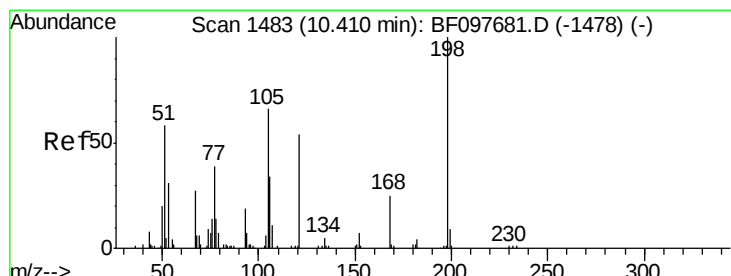
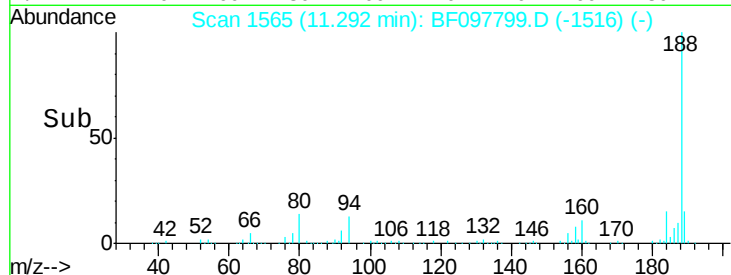
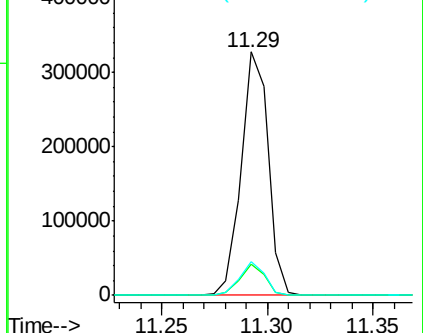
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097799.D
Acq: 17 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP106-I(0-5)COMP

Tot Ion:188 Resp: 289387
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.7 10.2 15.2

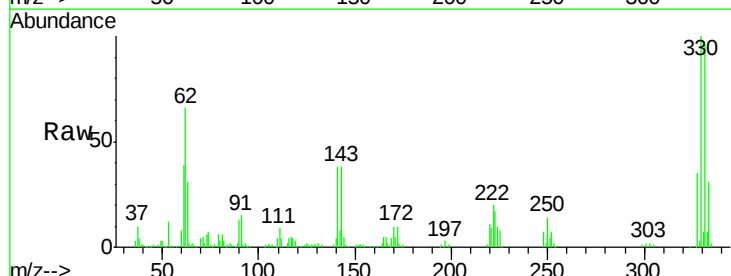


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

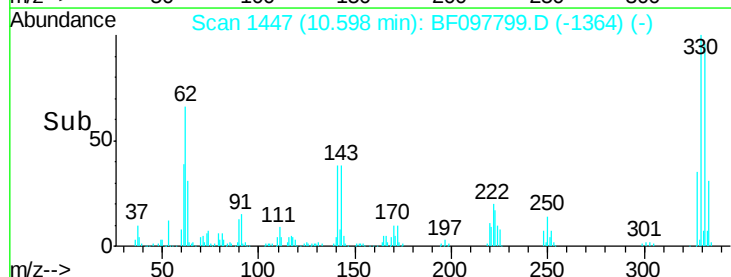
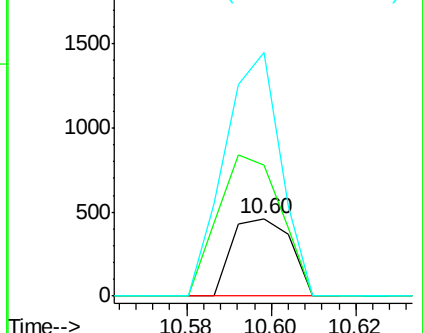


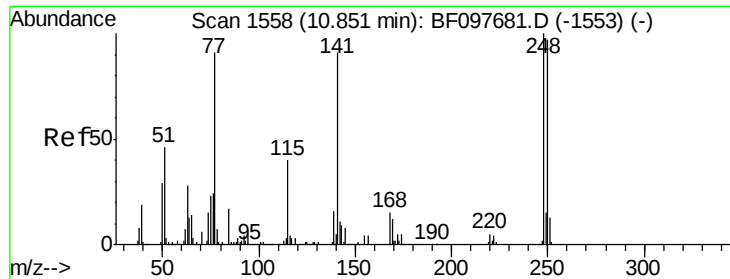
#64
4,6-Dinitro-2-methylphenol
Concen: 8.59 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097799.D
Acq: 17 Aug 2017 21:23

Tgt Ion:198 Resp: 445
Ion Ratio Lower Upper
198 100
51 169.2 53.2 93.2#
105 314.1 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

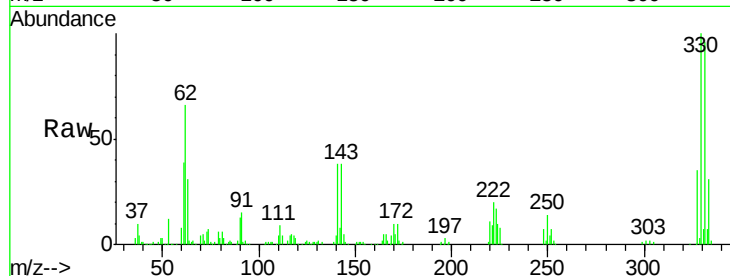




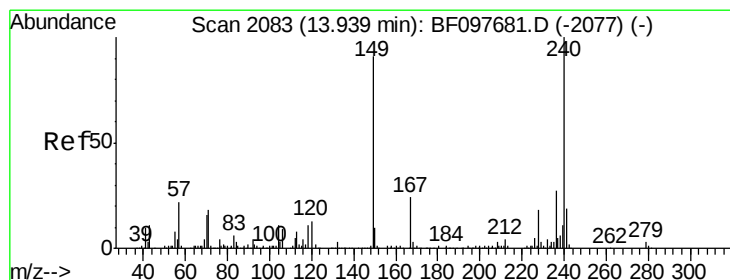
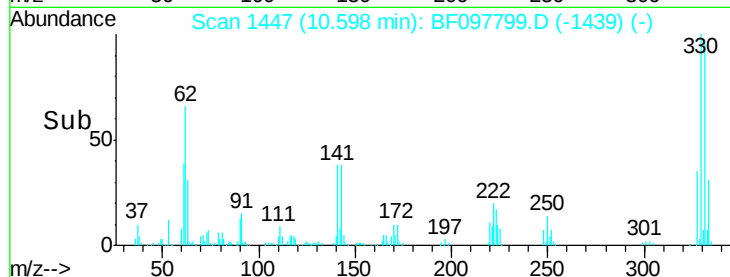
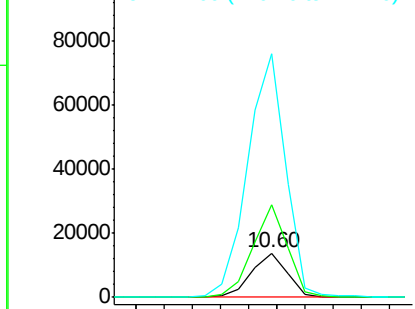
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097799.D
Acq: 17 Aug 2017 21:23

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP106-I(0-5)COMP

Tot Ion:248 Resp: 12130
Ion Ratio Lower Upper
248 100
250 207.6 76.8 115.2#
141 547.5 68.6 103.0#

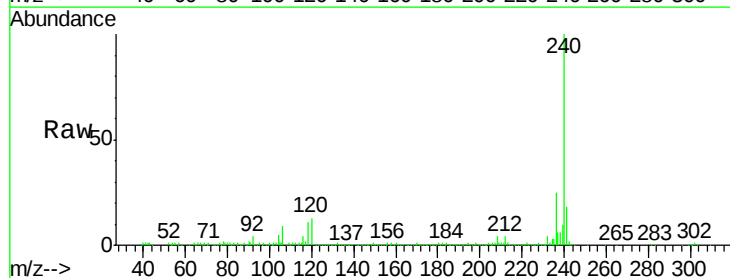


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

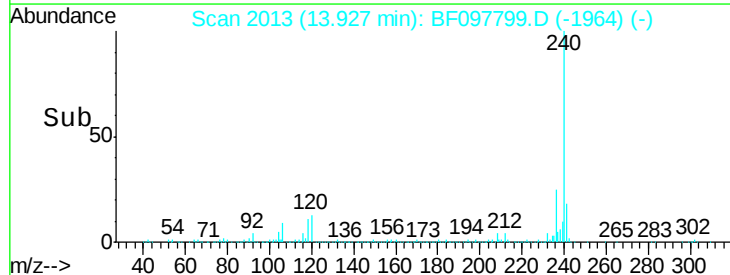
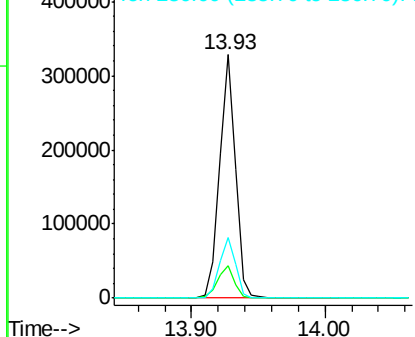


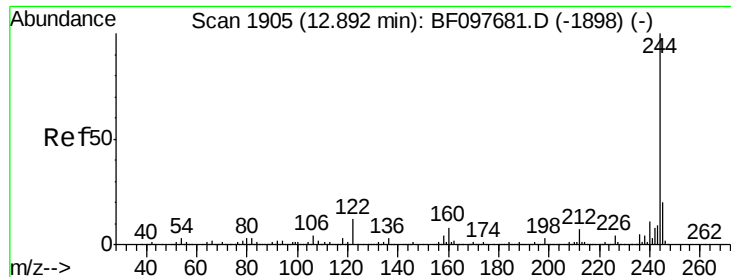
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097799.D
Acq: 17 Aug 2017 21:23

Tgt Ion:240 Resp: 277191
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 25.0 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: 57.02 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097799.D

Acq: 17 Aug 2017 21:23

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP106-I(0-5)COMP

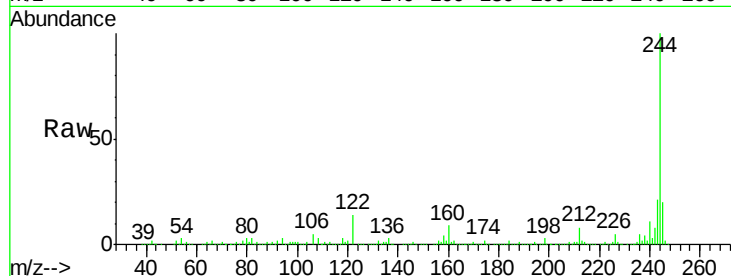
Tot Ion:244 Resp: 757954

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

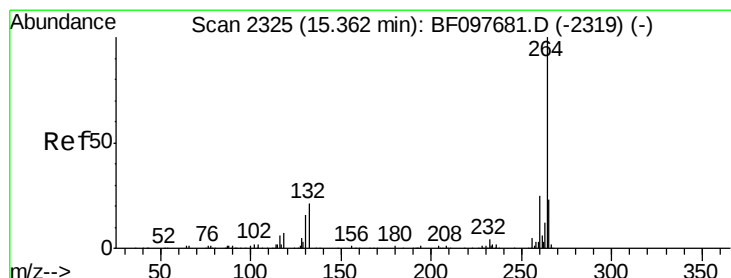
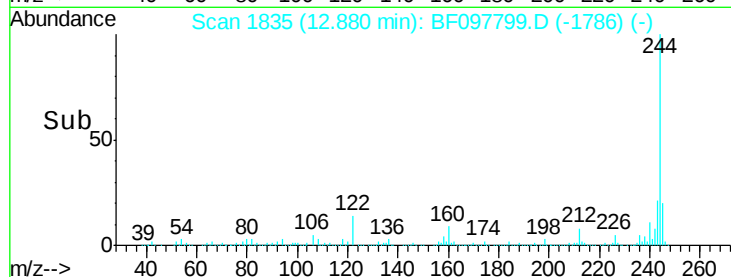
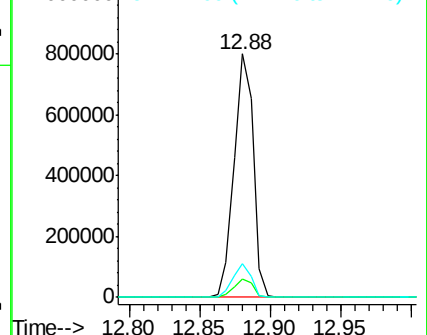
122 13.6 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097799.D

Acq: 17 Aug 2017 21:23

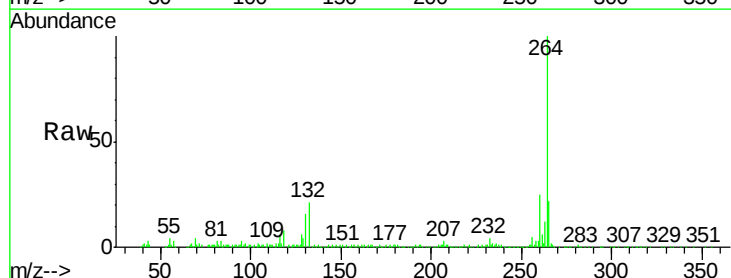
Tgt Ion:264 Resp: 205902

Ion Ratio Lower Upper

264 100

260 25.4 19.5 29.3

265 22.1 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

