

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097758.D
 Acq On : 17 Aug 2017 00:18
 Operator : SJ/JU
 Sample : I4795-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 17 01:30:02 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

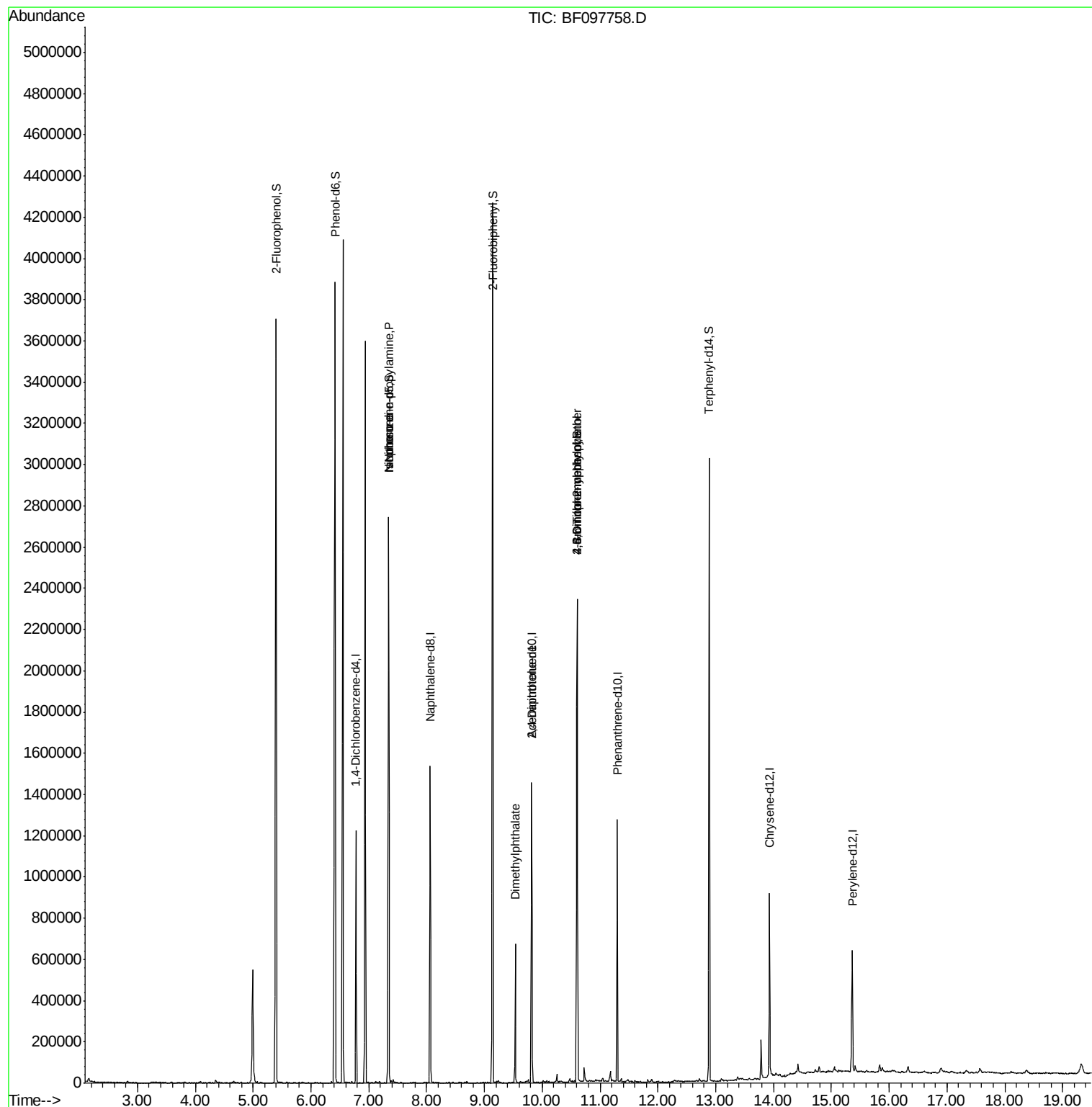
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151410	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	595685	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	249518	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	395714	20.00	ng	0.00
75) Chrysene-d12	13.93	240	290551	20.00	ng	0.00
86) Perylene-d12	15.36	264	248721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1238113	124.38	ng	0.01
7) Phenol-d6	6.42	99	1684876	124.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	1027694	93.72	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	266407	123.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1496716	88.13	ng	0.00
78) Terphenyl-d14	12.89	244	919389	65.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	139745	15.09	ng	# 70
25) Isophorone	7.35	82	1025168	44.96	ng	# 67
49) Dimethylphthalate	9.53	163	211717	11.61	ng	99
56) 2,4-Dinitrotoluene	9.82	165	31402	6.87	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	519	8.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	18060	4.39	ng	# 1

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

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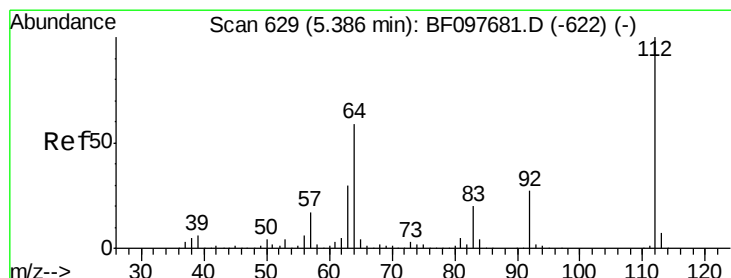
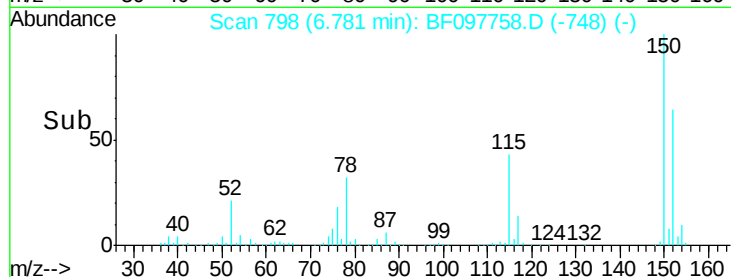
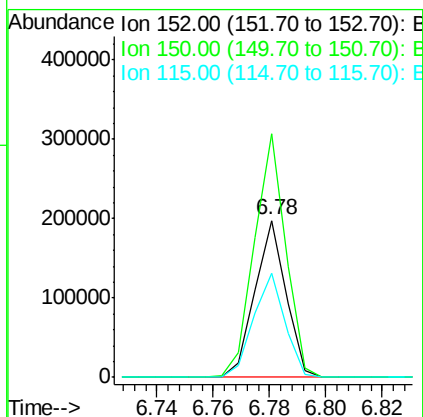
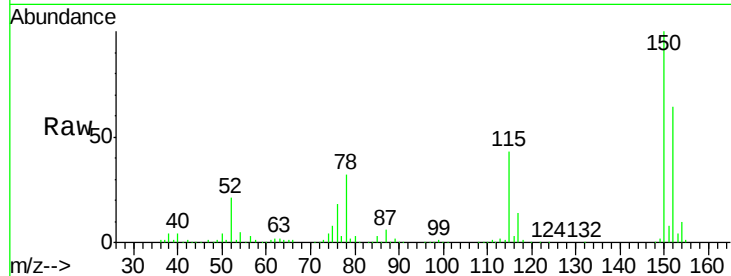


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097758.D
Acq: 17 Aug 2017 00:18

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

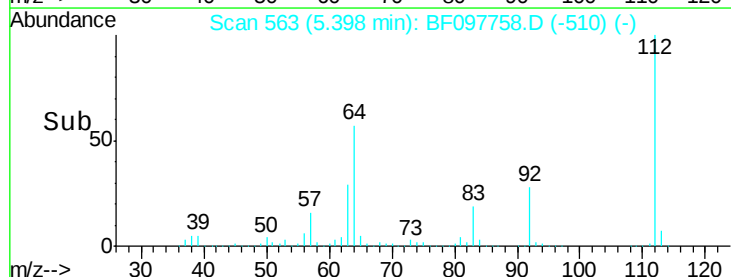
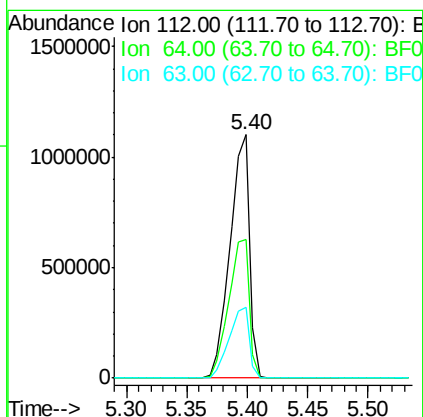
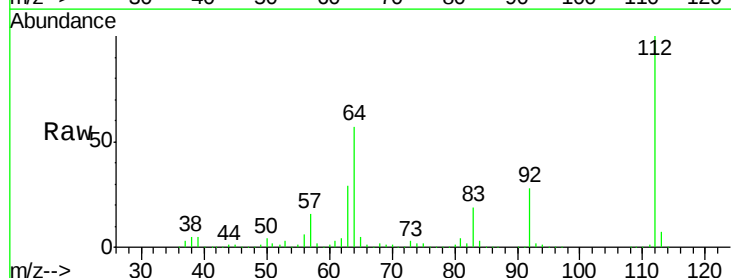
Tot Ion:152 Resp: 151410
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 66.4 52.2 78.2

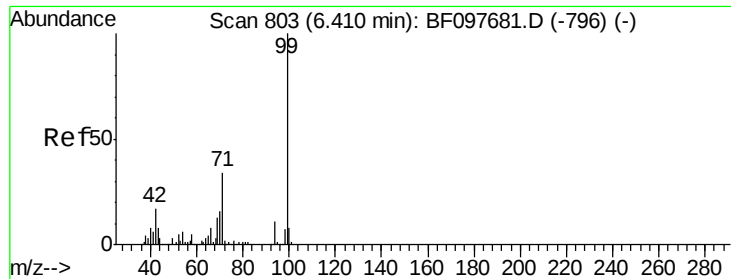


#5

2-Fluorophenol
Concen: 124.38 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF097758.D
Acq: 17 Aug 2017 00:18

Tgt Ion:112 Resp: 1238113
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 28.9 23.4 35.0





#7

Phenol-d6

Concen: 124.58 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097758.D

Acq: 17 Aug 2017 00:18

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

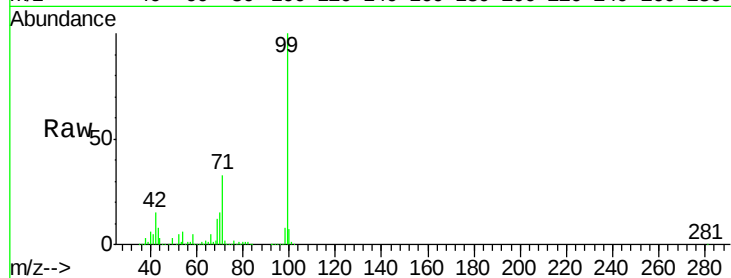
Tot Ion: 99 Resp: 1684876

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

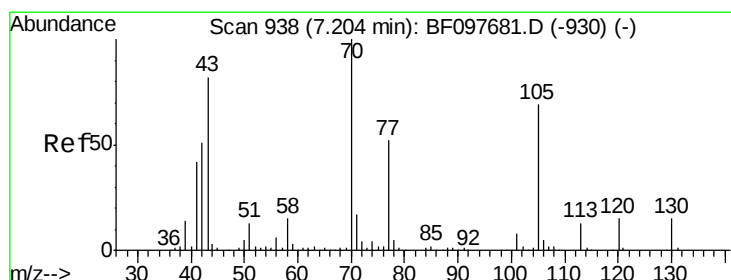
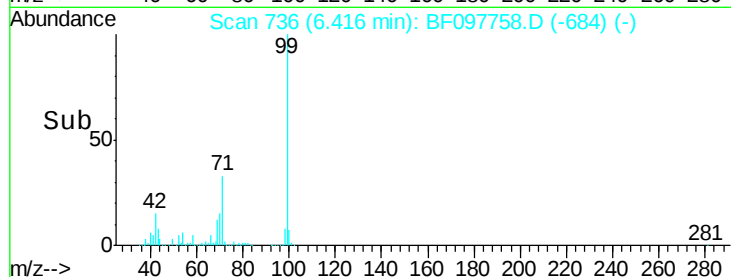
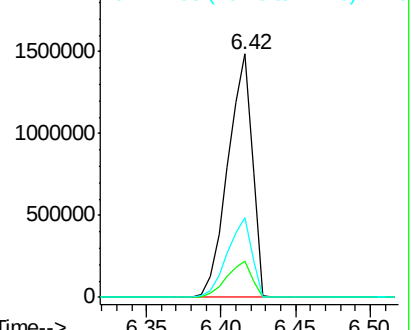
71 32.8 24.5 36.7



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: 15.09 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF097758.D

Acq: 17 Aug 2017 00:18

Tgt Ion: 70 Resp: 139745

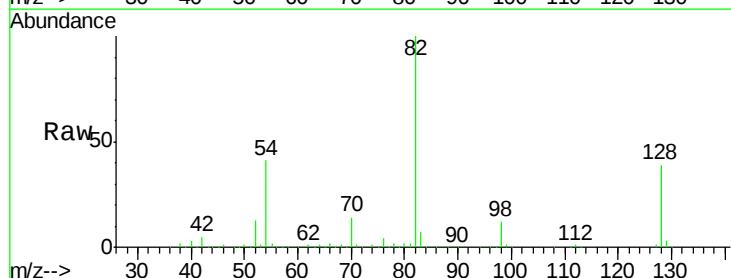
Ion Ratio Lower Upper

70 100

42 38.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

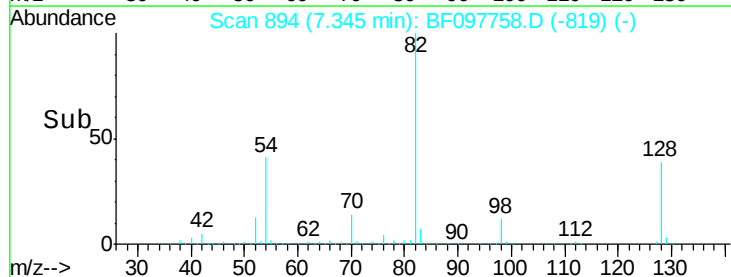
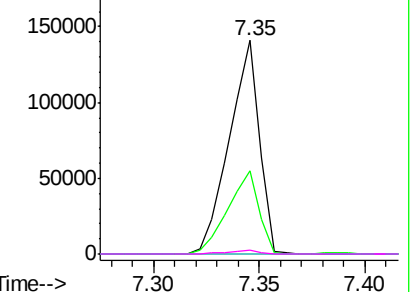


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097758.D

Acq: 17 Aug 2017 00:18

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

Tot Ion:136 Resp: 595685

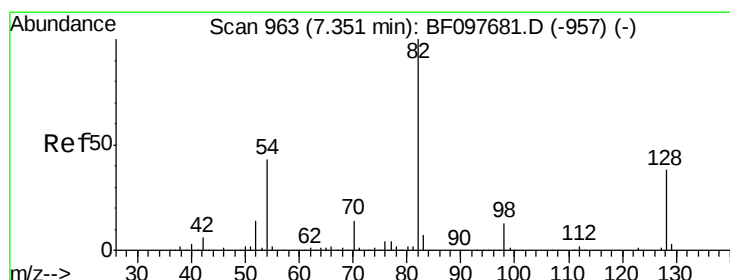
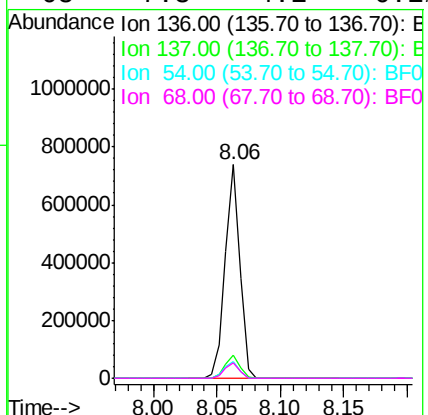
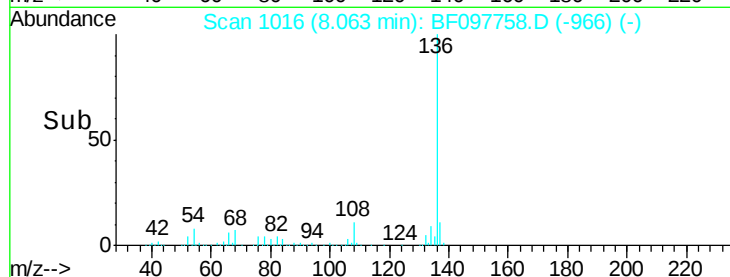
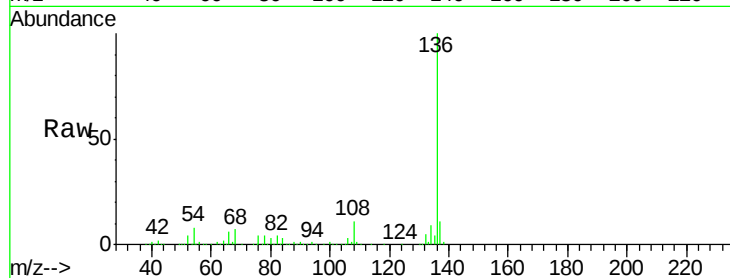
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.7 4.9 7.3#

68 7.3 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 93.72 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097758.D

Acq: 17 Aug 2017 00:18

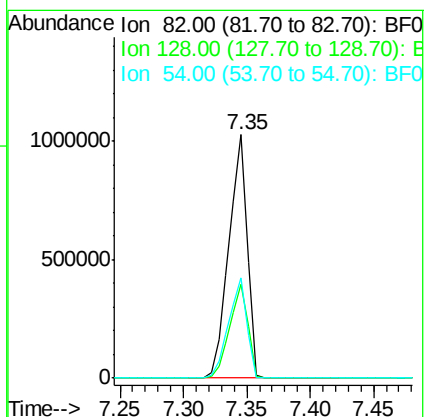
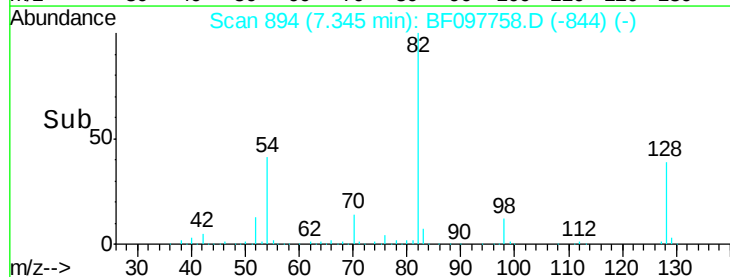
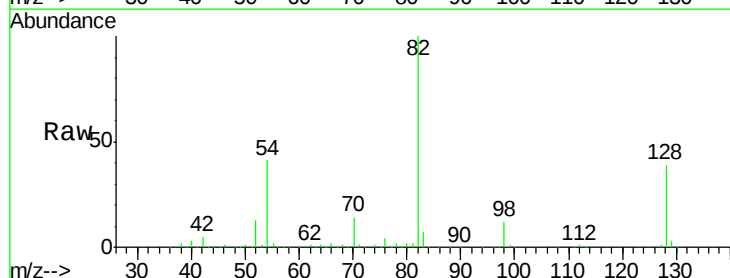
Tgt Ion: 82 Resp: 1027694

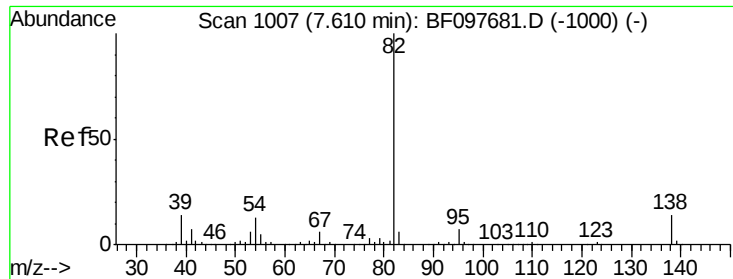
Ion Ratio Lower Upper

82 100

128 38.6 34.0 51.0

54 41.4 42.2 63.2#

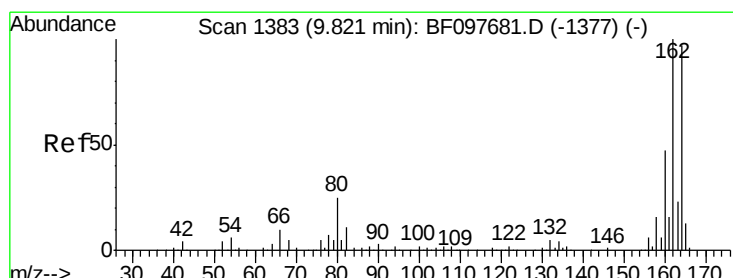
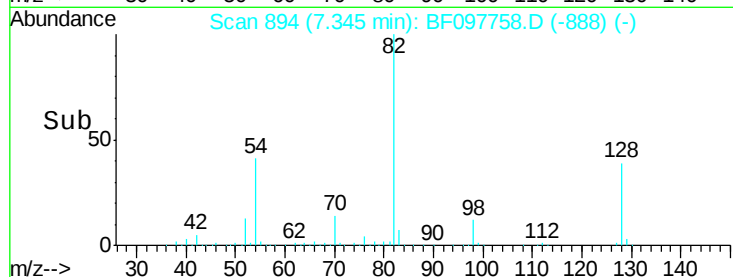
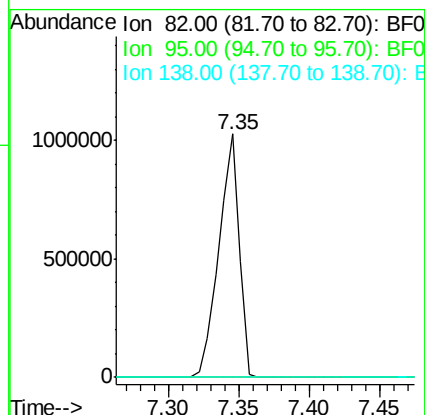
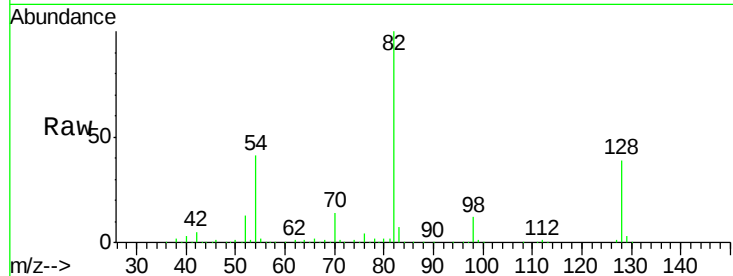




#25
Isophorone
Concen: 44.96 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097758.D
Acq: 17 Aug 2017 00:18

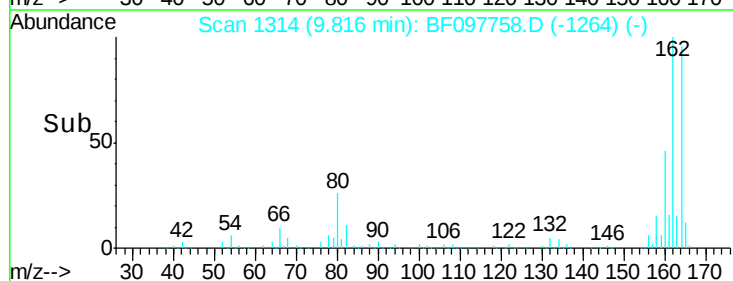
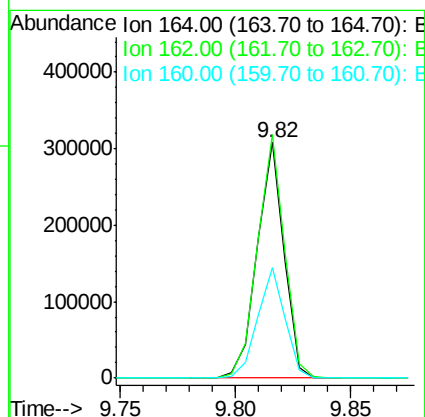
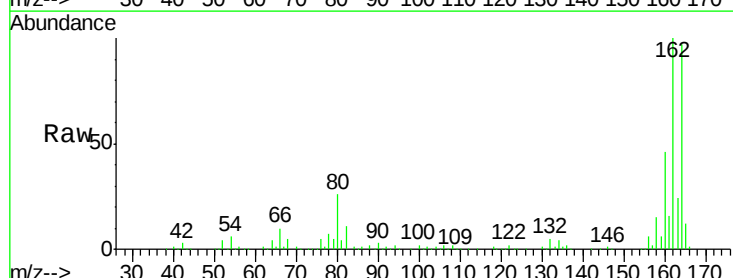
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

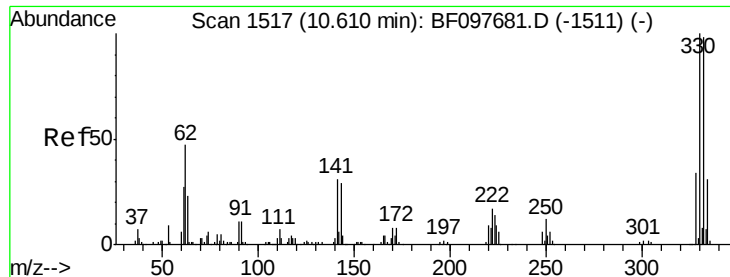
Tot Ion: 82 Resp: 1025168
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097758.D
Acq: 17 Aug 2017 00:18

Tgt Ion:164 Resp: 249518
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 47.1 36.2 54.2

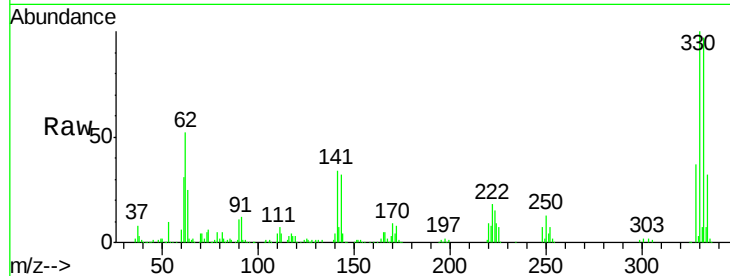




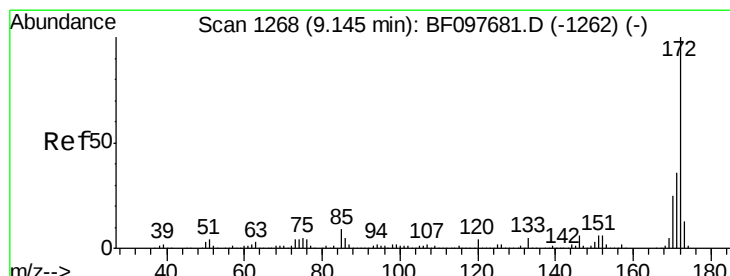
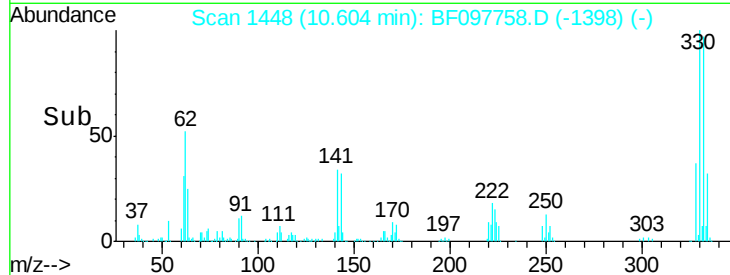
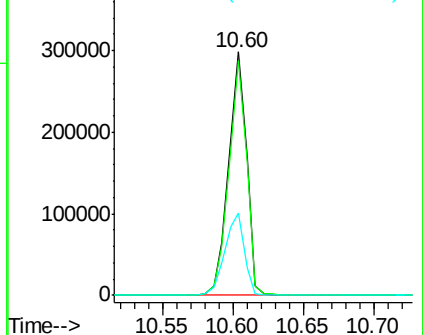
#41
 2,4,6-Tribromophenol
 Concen: 123.05 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097758.D
 Acq: 17 Aug 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion:330 Resp: 266407
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 36.2 31.4 47.2

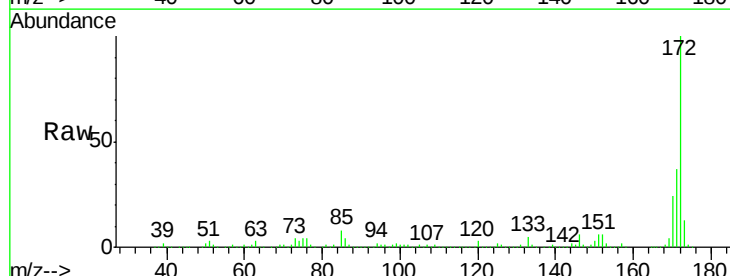


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

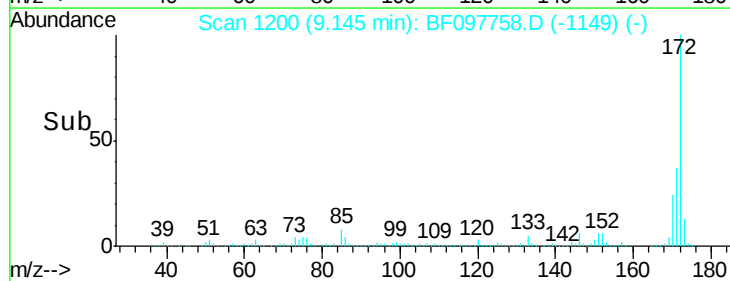
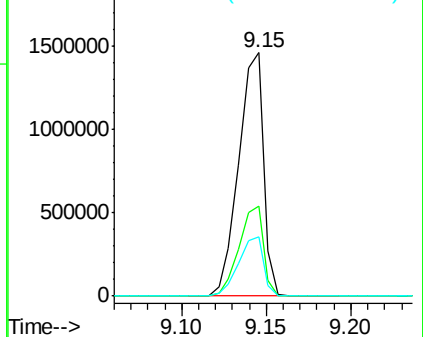


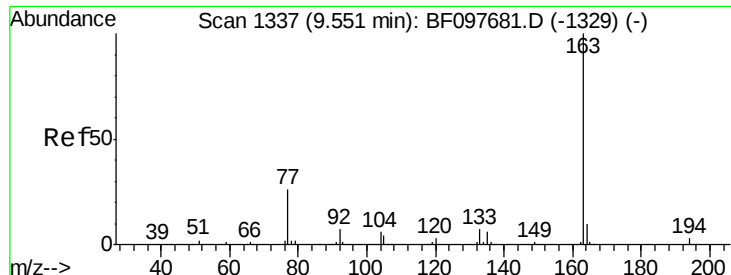
#44
 2-Fluorobiphenyl
 Concen: 88.13 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097758.D
 Acq: 17 Aug 2017 00:18

Tgt Ion:172 Resp: 1496716
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.3 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

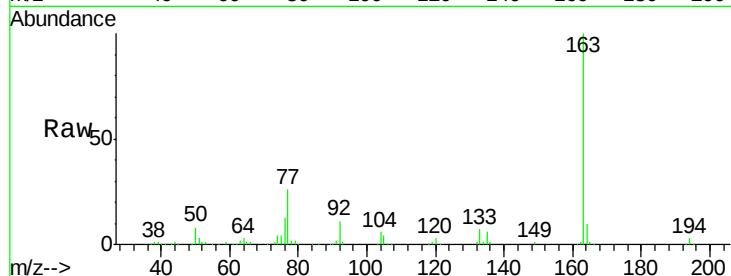




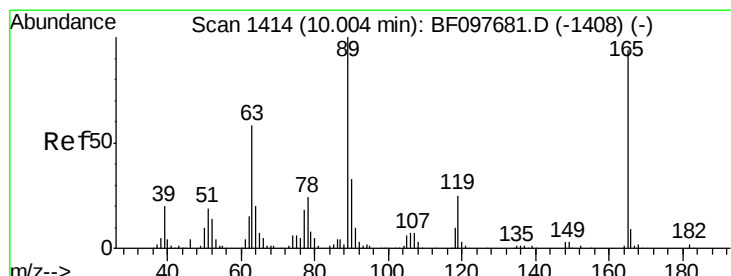
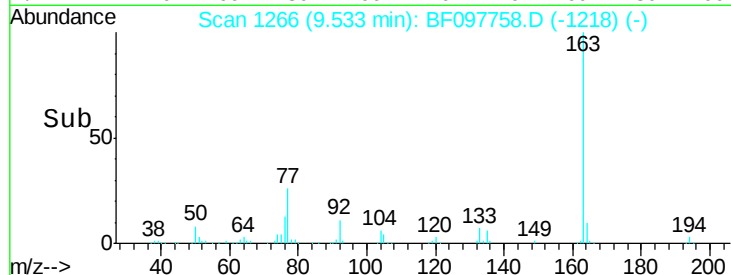
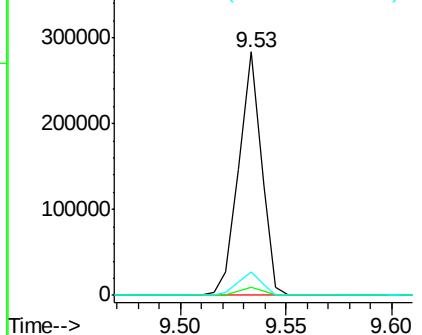
#49
Dimethylphthalate
Concen: 11.61 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097758.D
Acq: 17 Aug 2017 00:18

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tot Ion:163 Resp: 211717
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.8 8.4 12.6

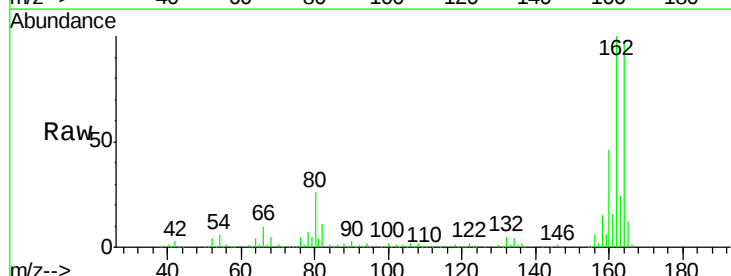


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

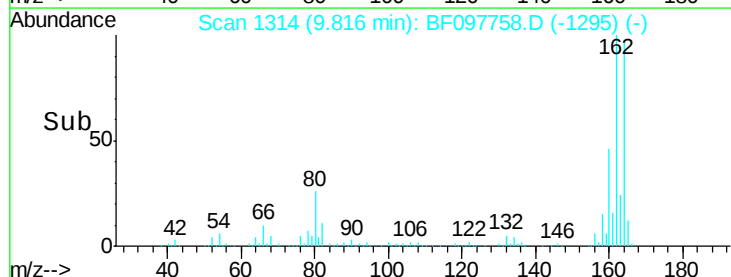
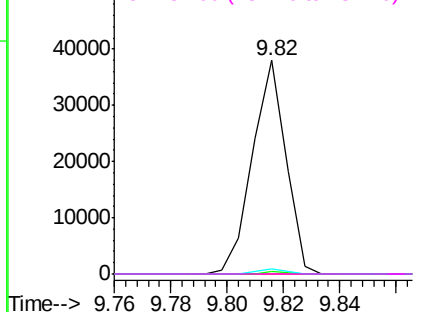


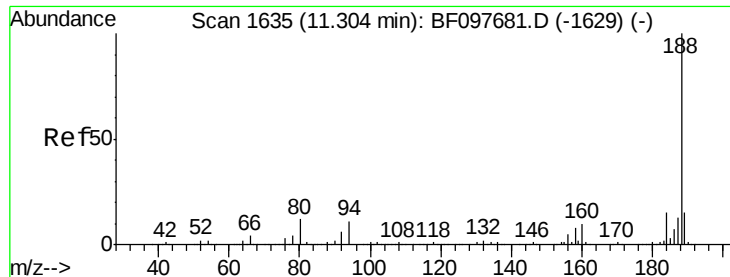
#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097758.D
Acq: 17 Aug 2017 00:18

Tgt Ion:165 Resp: 31402
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 2.1 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

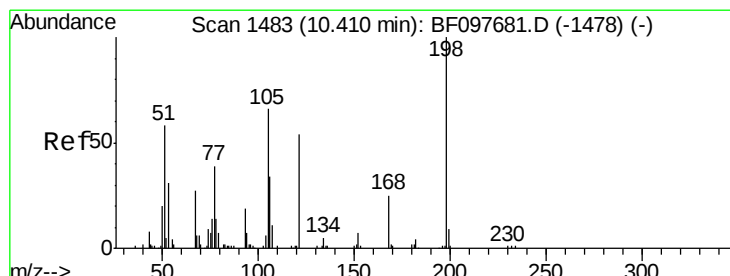
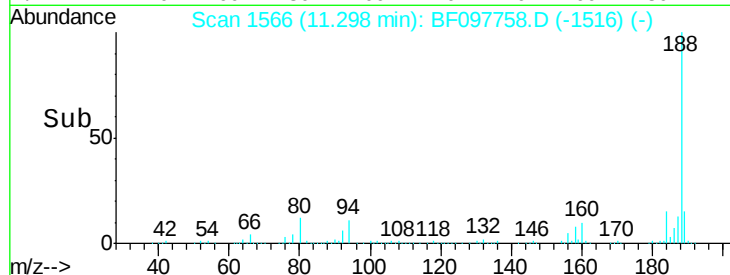
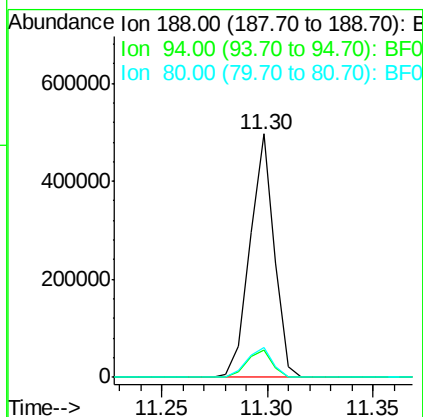
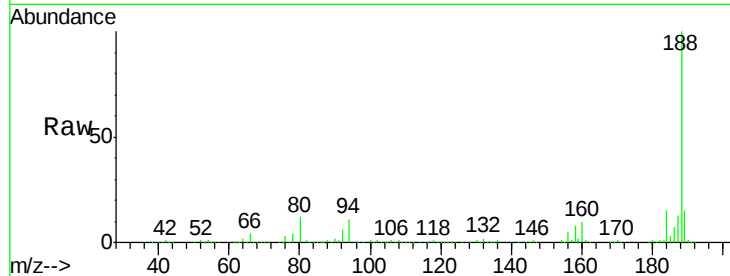




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097758.D
Acq: 17 Aug 2017 00:18

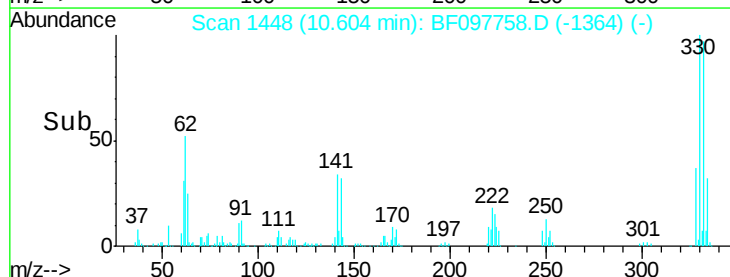
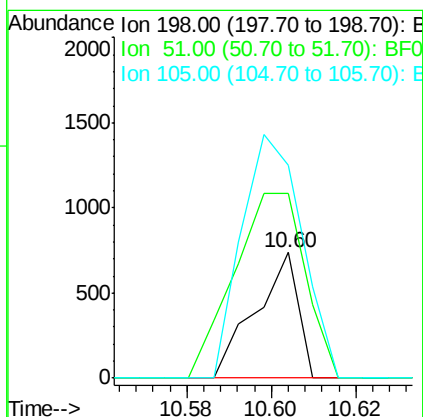
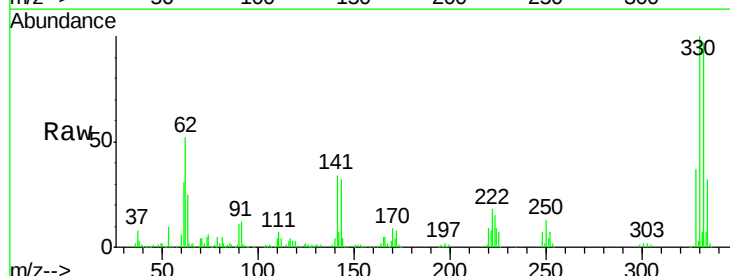
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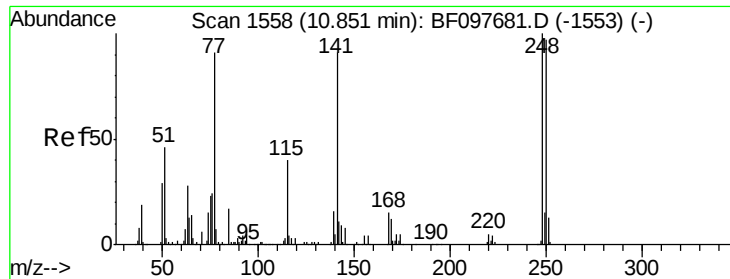
Tot Ion:188 Resp: 395714
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.55 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097758.D
Acq: 17 Aug 2017 00:18

Tgt Ion:198 Resp: 519
Ion Ratio Lower Upper
198 100
51 146.5 53.2 93.2#
105 169.6 45.8 85.8#

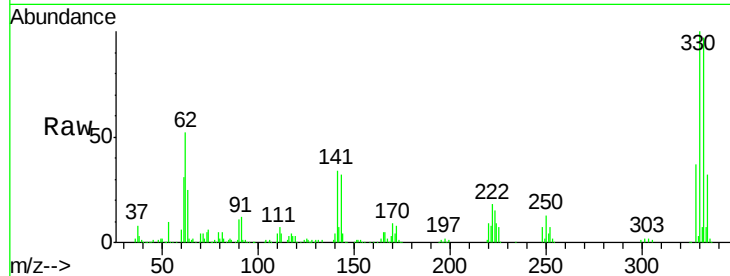




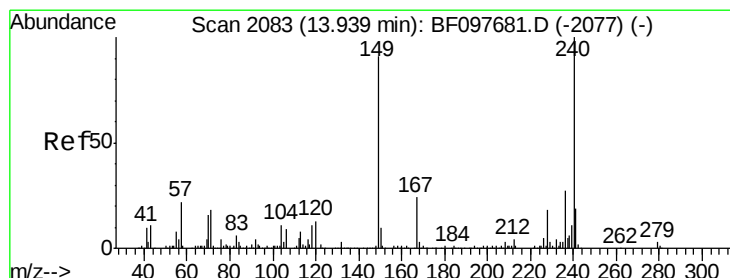
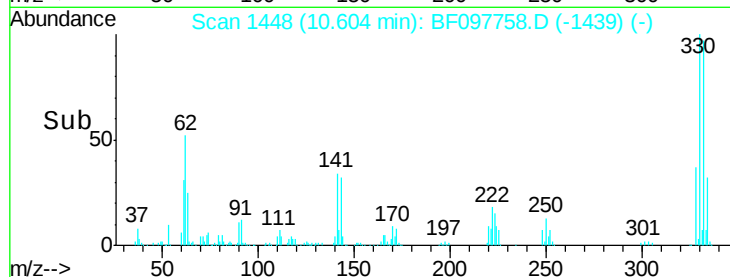
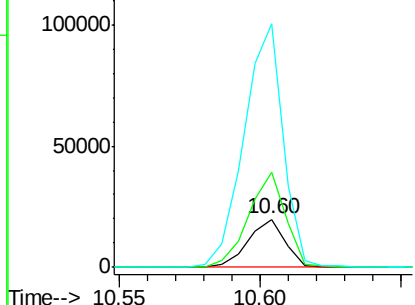
#66
 4-Bromophenyl-phenylether
 Concen: 4.39 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF097758.D
 Acq: 17 Aug 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion:248 Resp: 18060
 Ion Ratio Lower Upper
 248 100
 250 197.6 76.8 115.2#
 141 502.8 68.6 103.0#

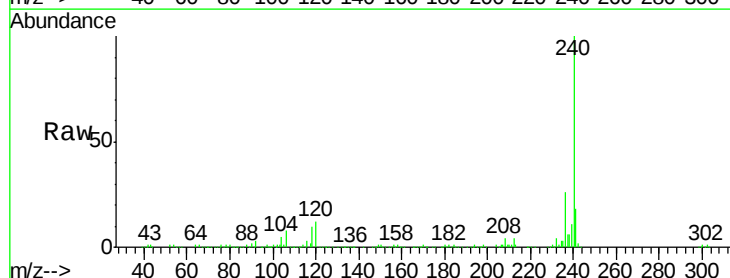


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

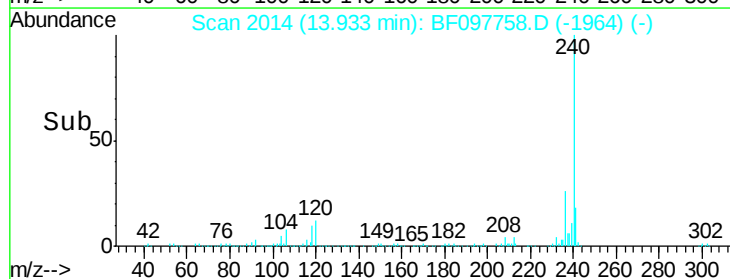
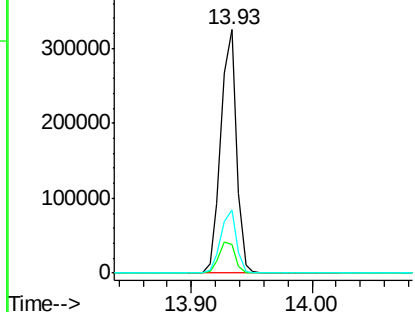


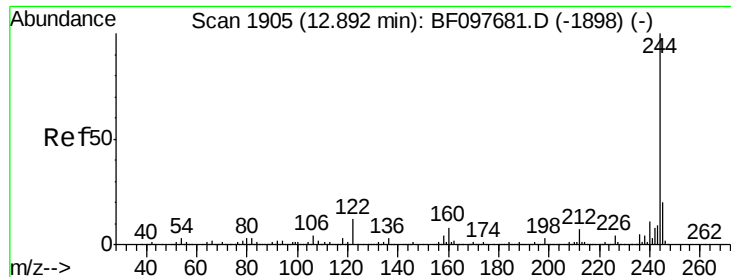
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF097758.D
 Acq: 17 Aug 2017 00:18

Tgt Ion:240 Resp: 290551
 Ion Ratio Lower Upper
 240 100
 120 11.9 5.8 8.8#
 236 25.9 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: 65.99 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097758.D

Acq: 17 Aug 2017 00:18

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

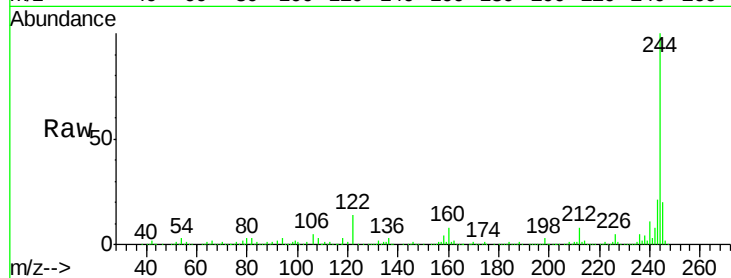
Tot Ion:244 Resp: 919389

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

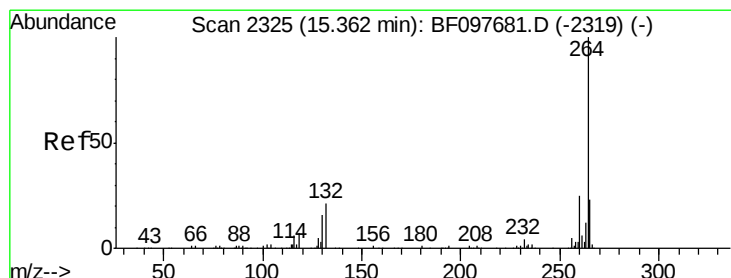
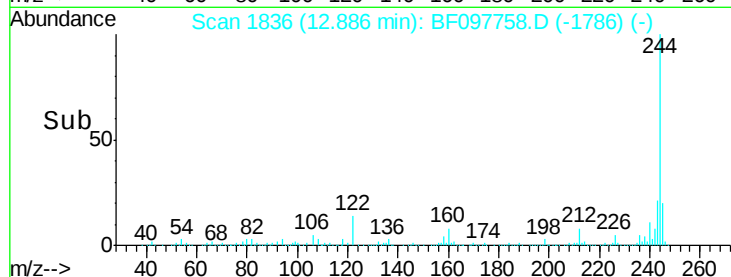
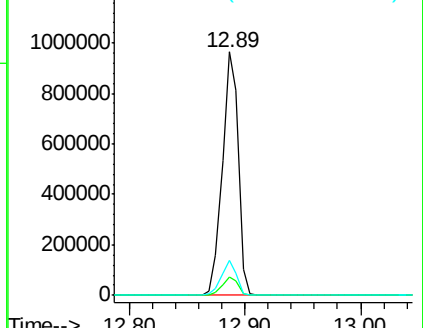
122 14.1 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097758.D

Acq: 17 Aug 2017 00:18

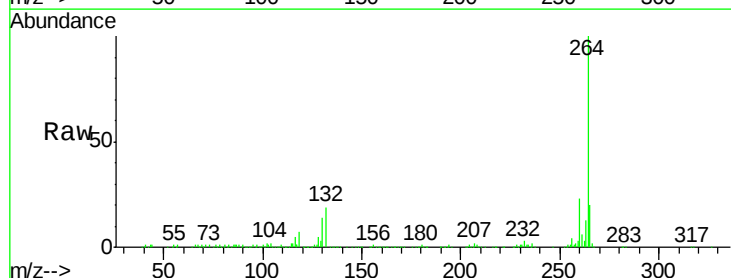
Tgt Ion:264 Resp: 248721

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.4 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

