

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097771.D
 Acq On : 17 Aug 2017 6:51
 Operator : SJ/JU
 Sample : I4792-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Aug 17 07:35:16 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

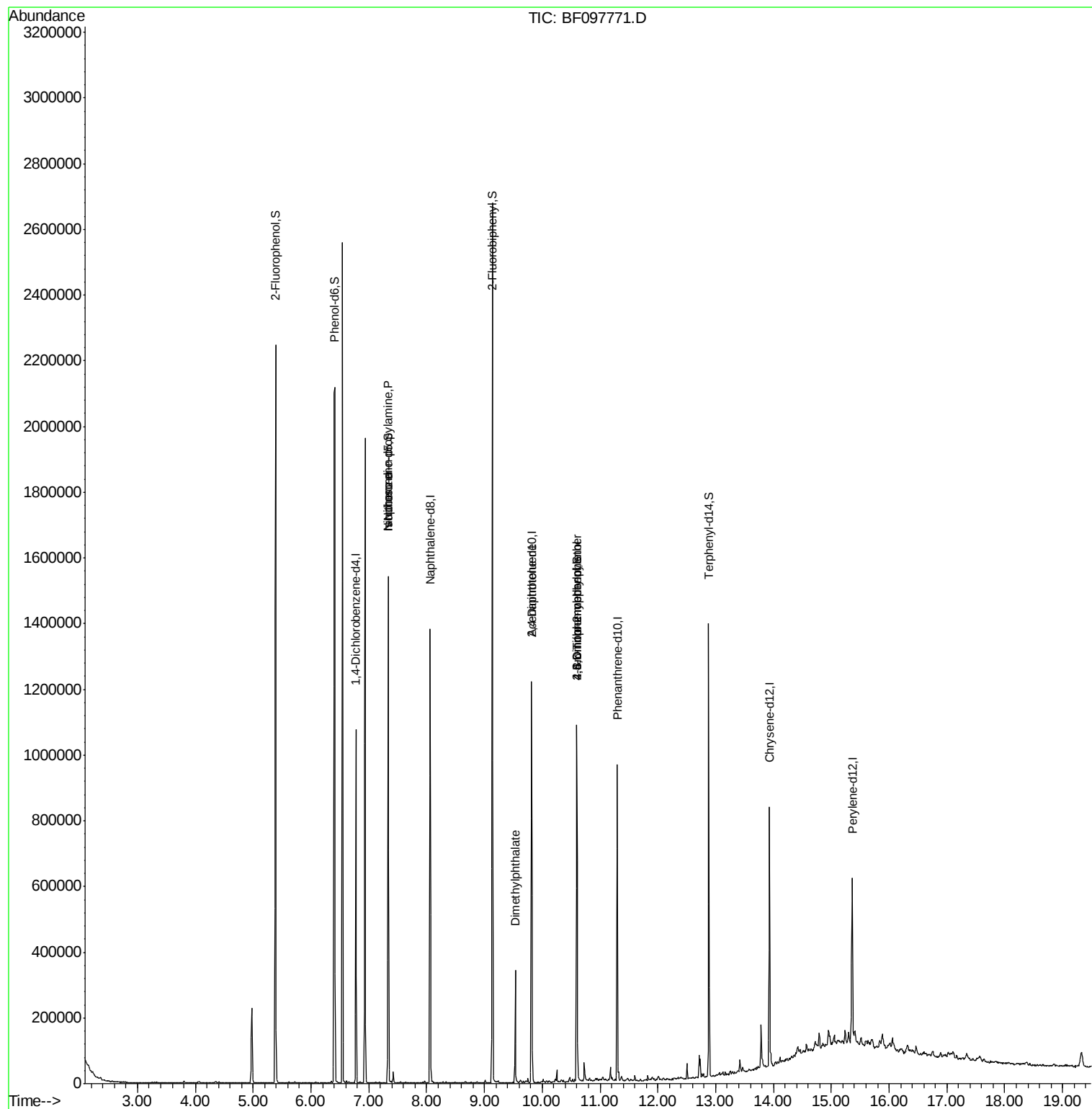
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	140261	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	532764	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	211637	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	306753	20.00	ng	0.00
75) Chrysene-d12	13.93	240	253244	20.00	ng	0.00
86) Perylene-d12	15.36	264	214688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	610132	66.17	ng	0.00
7) Phenol-d6	6.41	99	821991	65.61	ng	0.00
23) Nitrobenzene-d5	7.34	82	497230	50.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	104957	57.16	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	762401	52.93	ng	0.00
78) Terphenyl-d14	12.88	244	397023	32.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	66417	7.74	ng	# 70
25) Isophorone	7.34	82	496562	24.35	ng	# 67
49) Dimethylphthalate	9.53	163	117856	7.62	ng	# 99
56) 2,4-Dinitrotoluene	9.82	165	27825	7.18	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	134	8.40	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	7149	2.24	ng	# 1

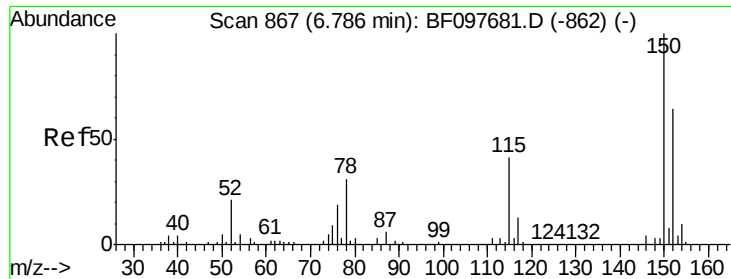
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF097771.D

Acq: 17 Aug 2017 6:51

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

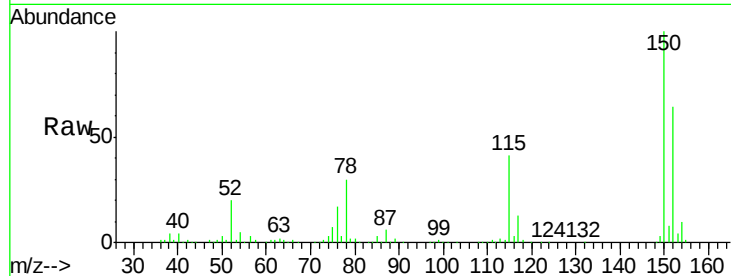
Tot Ion:152 Resp: 140261

Ion Ratio Lower Upper

152 100

150 155.3 126.2 189.2

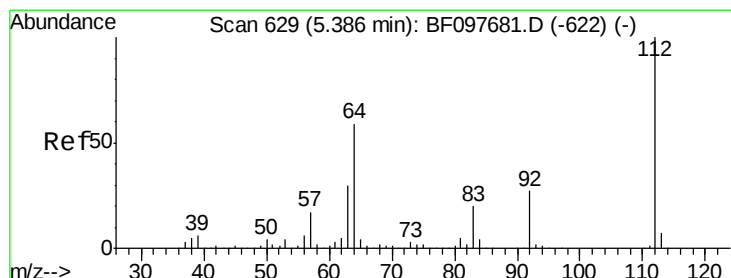
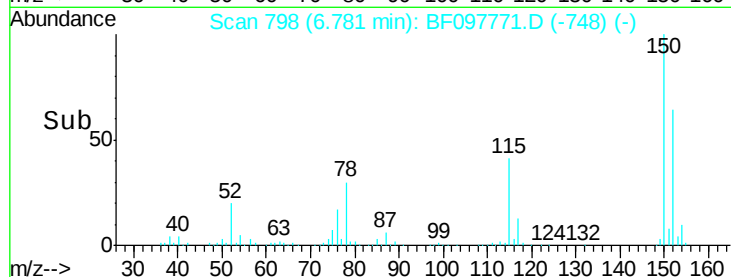
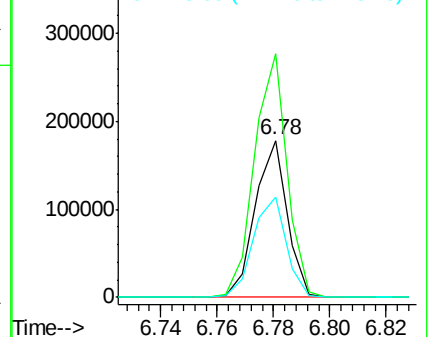
115 63.7 52.2 78.2



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: 66.17 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

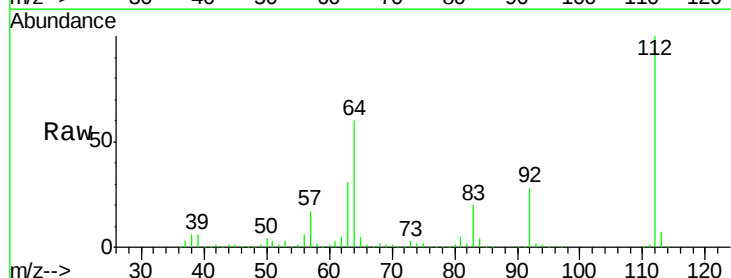
Tgt Ion:112 Resp: 610132

Ion Ratio Lower Upper

112 100

64 59.9 46.0 69.0

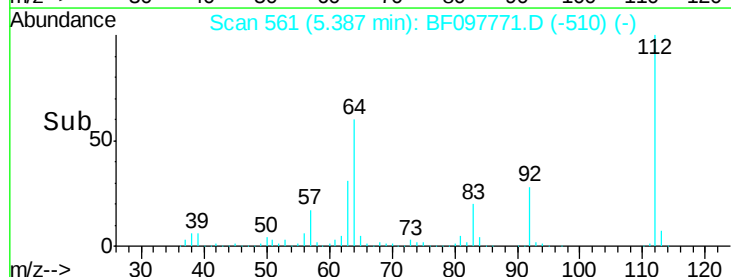
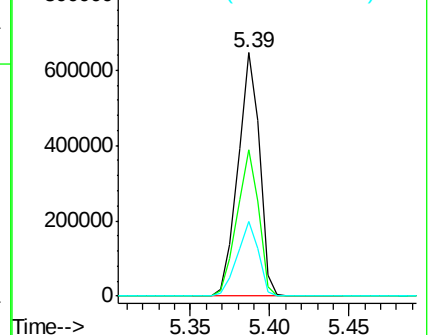
63 30.7 23.4 35.0

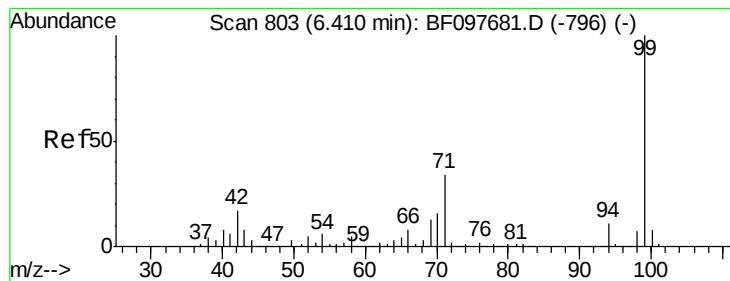


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 65.61 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

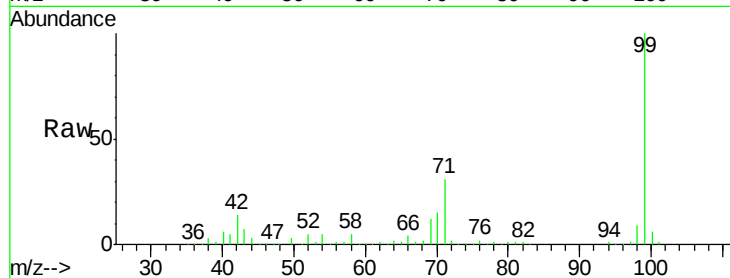
Tot Ion: 99 Resp: 821991

Ion Ratio Lower Upper

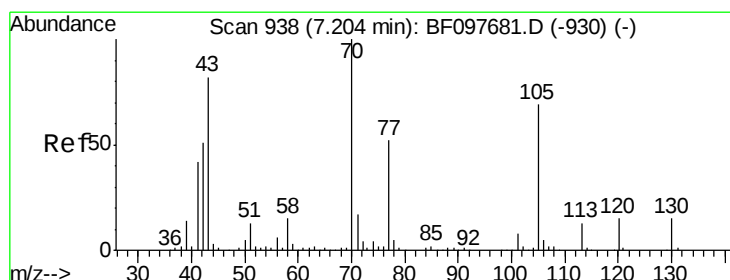
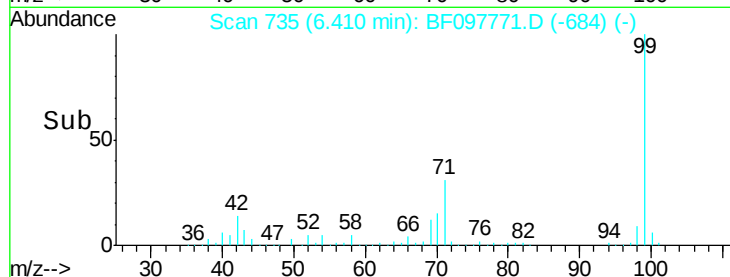
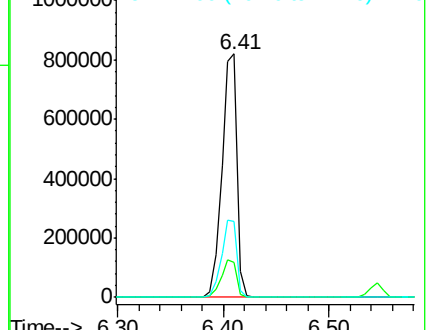
99 100

42 14.4 13.5 20.3

71 31.4 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: 7.74 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

Tgt Ion: 70 Resp: 66417

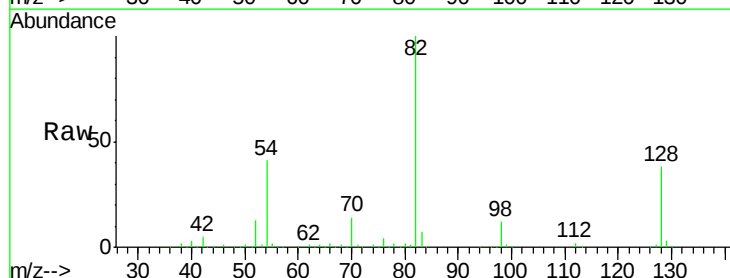
Ion Ratio Lower Upper

70 100

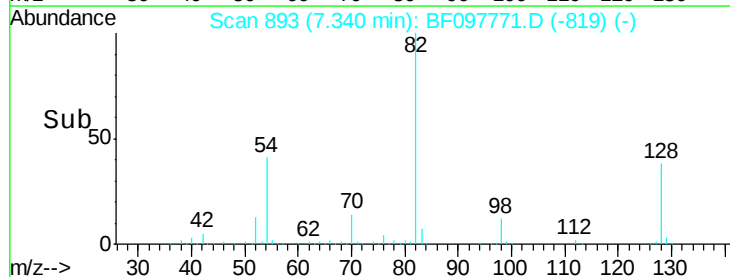
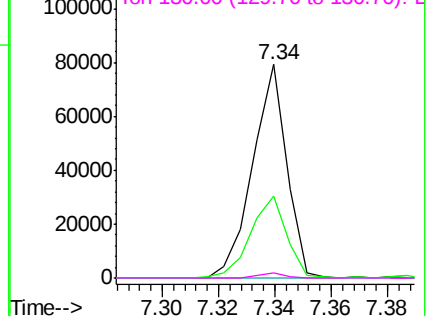
42 38.6 47.2 70.8#

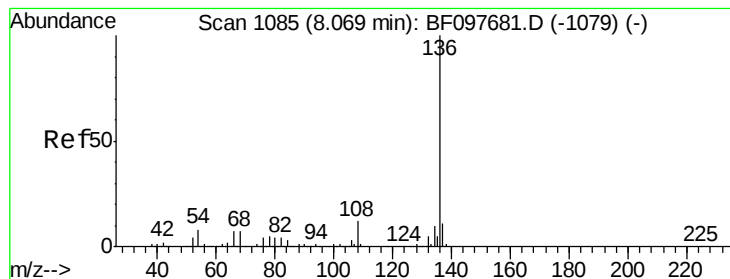
101 0.0 7.2 10.8#

130 2.2 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: BF097771.D

Acq: 17 Aug 2017 6:51

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

Tot Ion:136 Resp: 532764

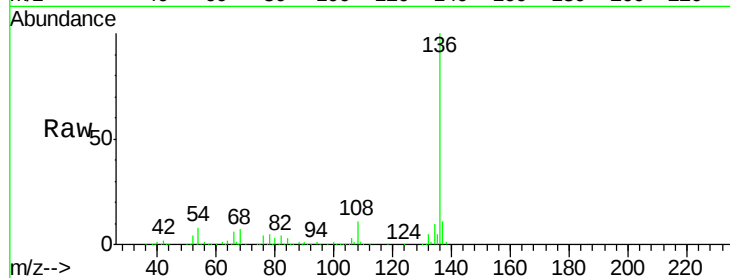
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 7.1 4.1 6.1#

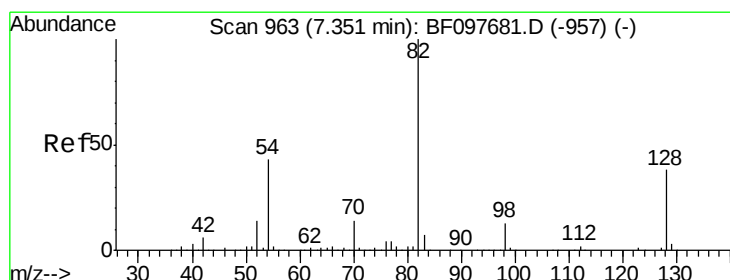
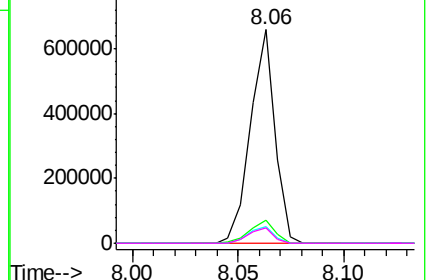
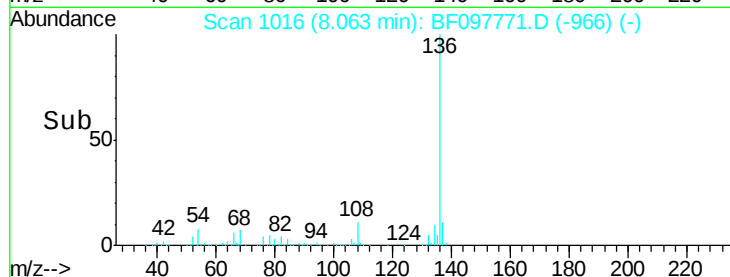


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.70 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

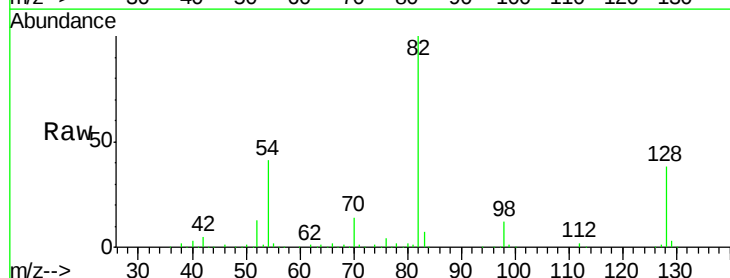
Tgt Ion: 82 Resp: 497230

Ion Ratio Lower Upper

82 100

128 37.8 34.0 51.0

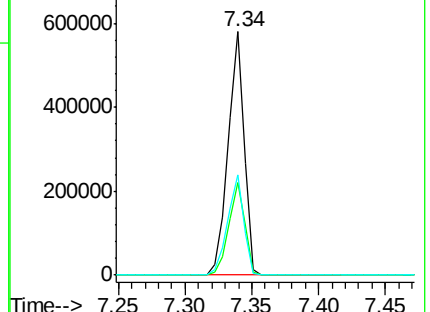
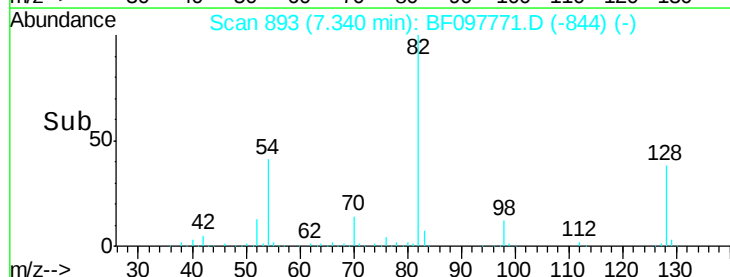
54 41.4 42.2 63.2#

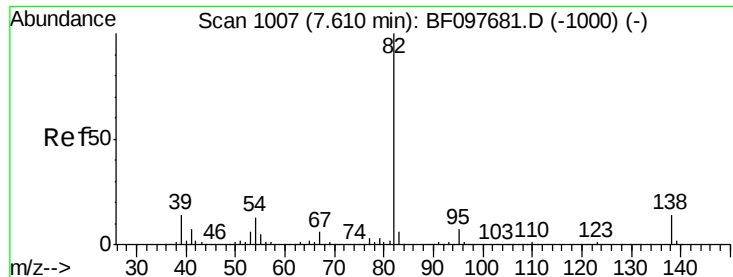


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

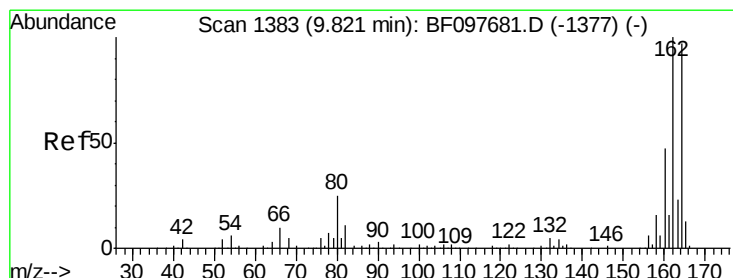
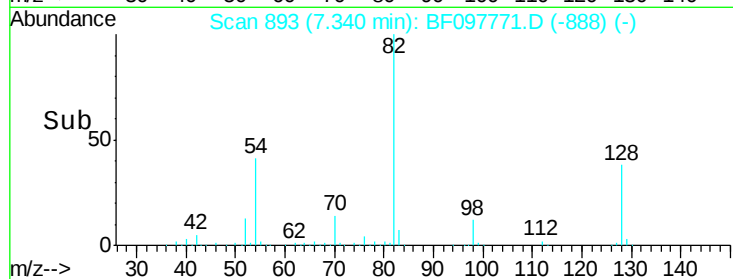
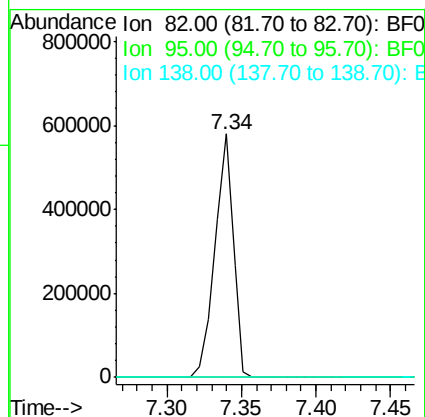
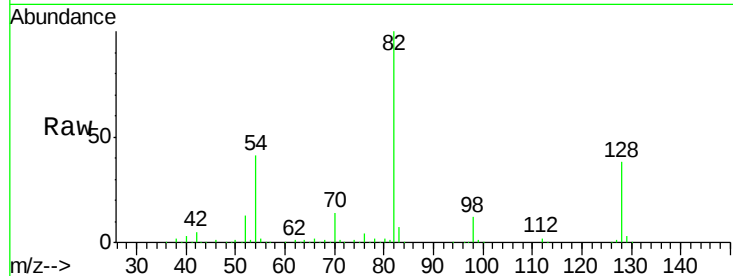




#25
Isophorone
Concen: 24.35 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

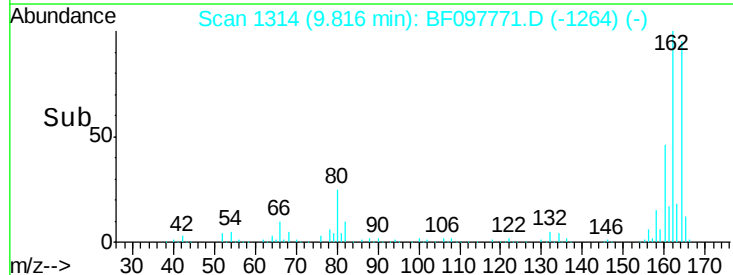
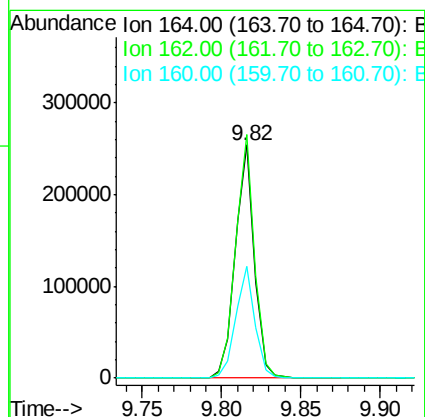
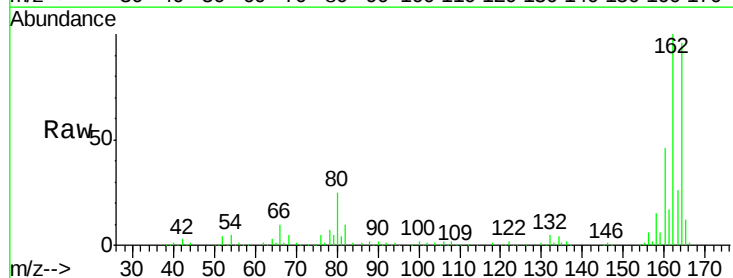
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SB-16-COMP

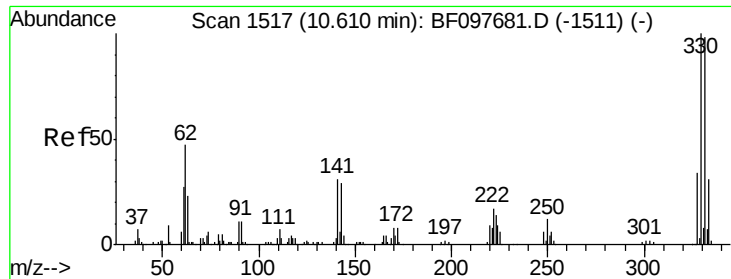
Tot Ion: 82 Resp: 496562
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Tgt Ion: 164 Resp: 211637
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 48.1 36.2 54.2

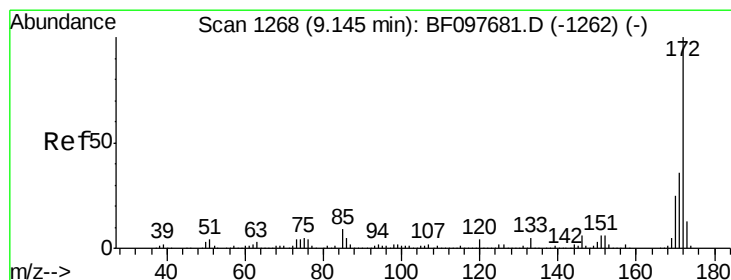
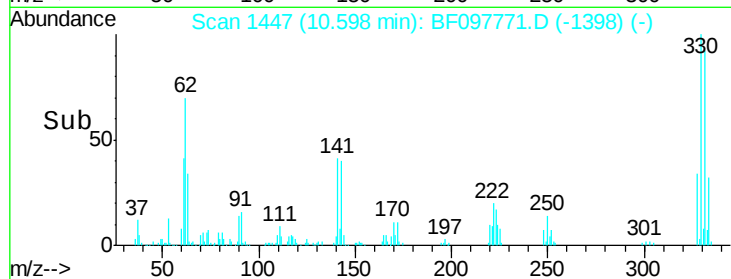
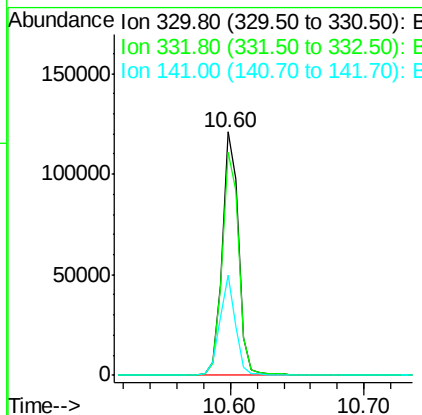
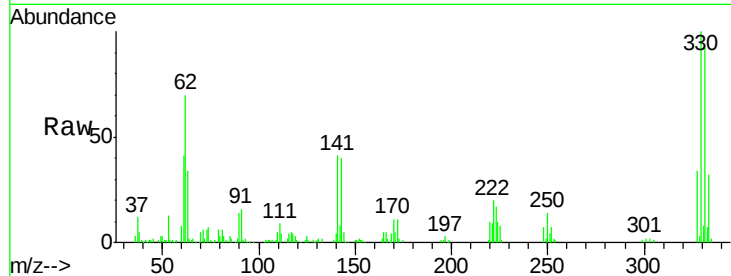




#41
 2,4,6-Tribromophenol
 Concen: 57.16 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097771.D
 Acq: 17 Aug 2017 6:51

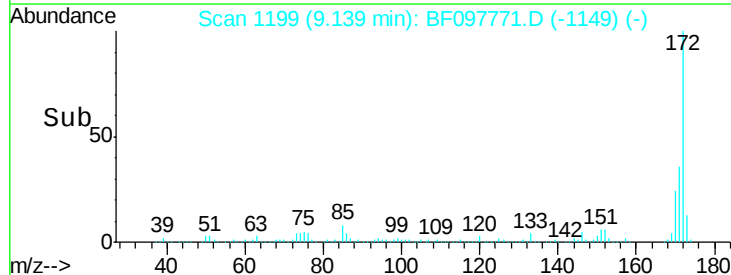
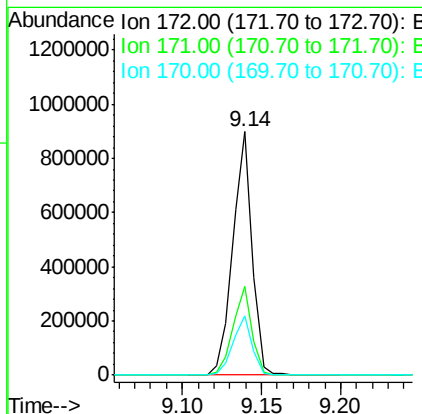
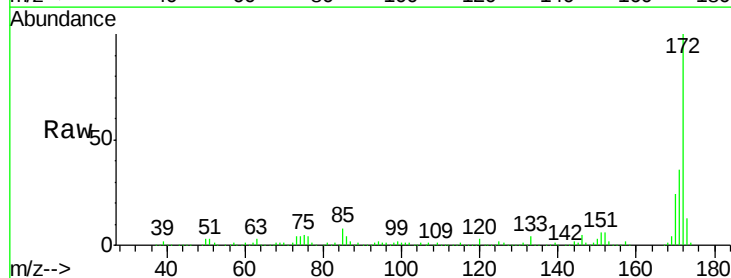
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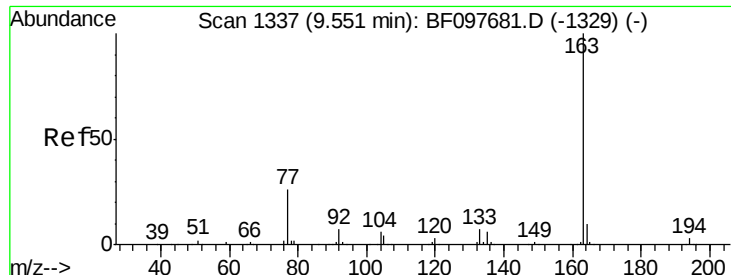
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	39.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 52.93 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097771.D
 Acq: 17 Aug 2017 6:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	19.8	29.8

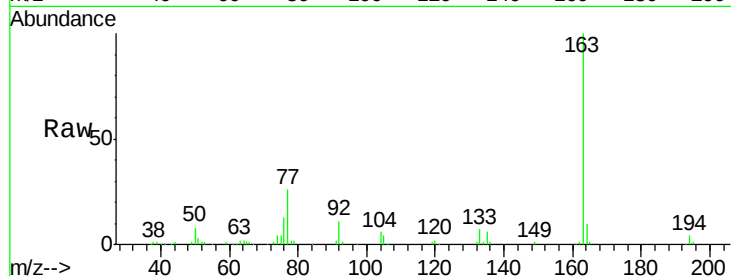




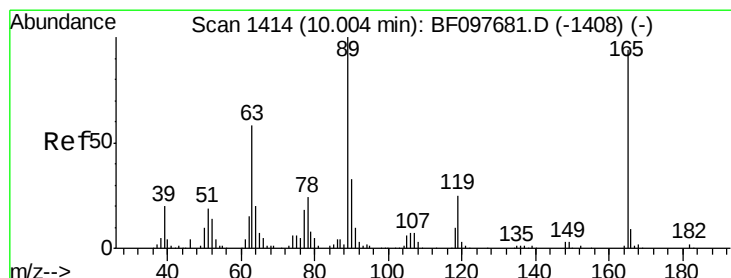
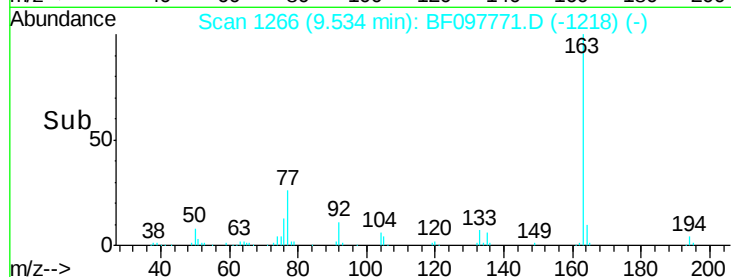
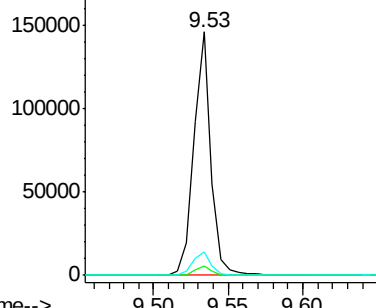
#49
Dimethylphthalate
Concen: 7.62 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.9	8.4	12.6



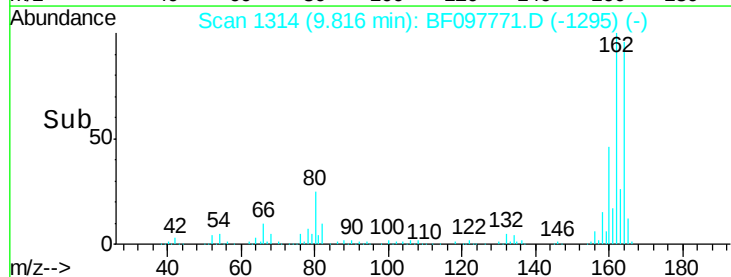
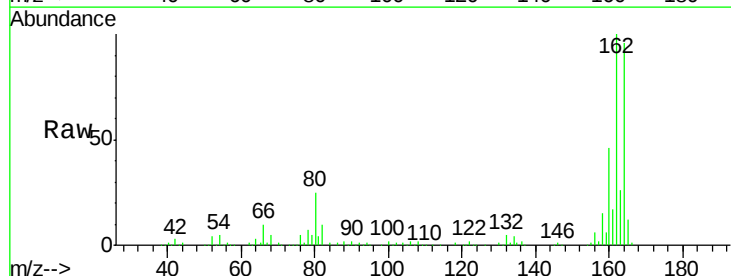
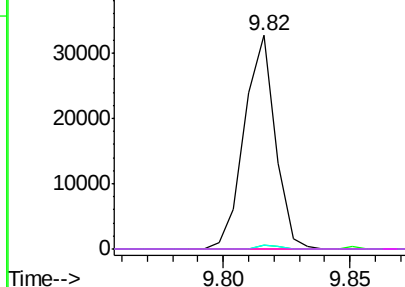
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

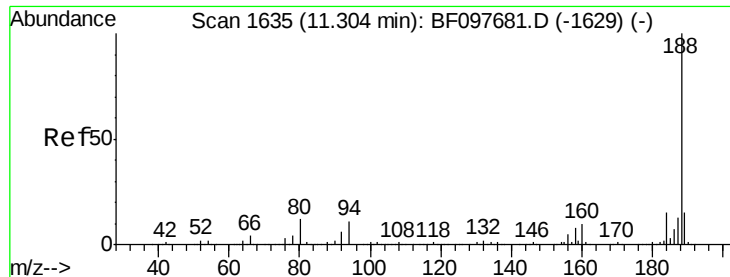


#56
2,4-Dinitrotoluene
Concen: 7.18 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.9	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

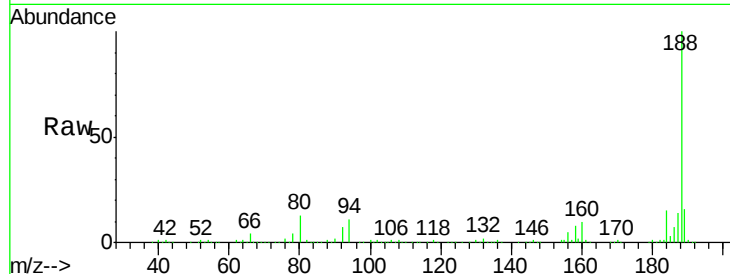




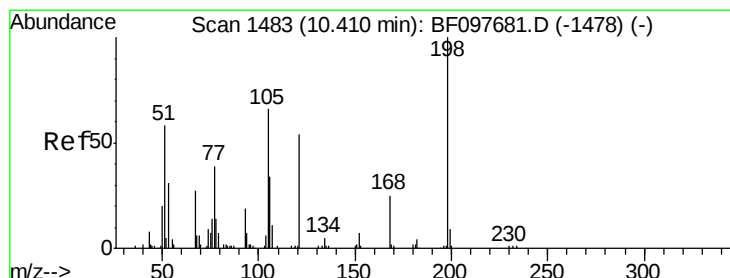
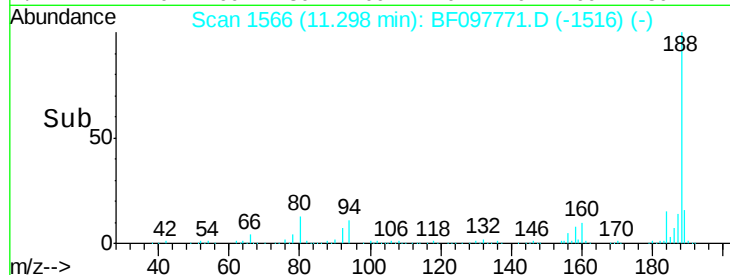
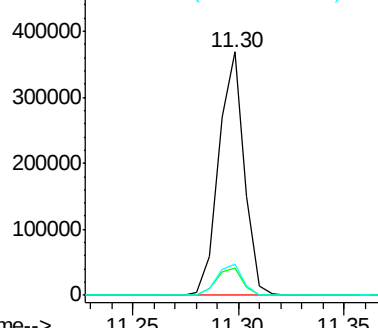
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Instrument :
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SB-16-COMP

Tot Ion:188 Resp: 306753
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.9 10.2 15.2

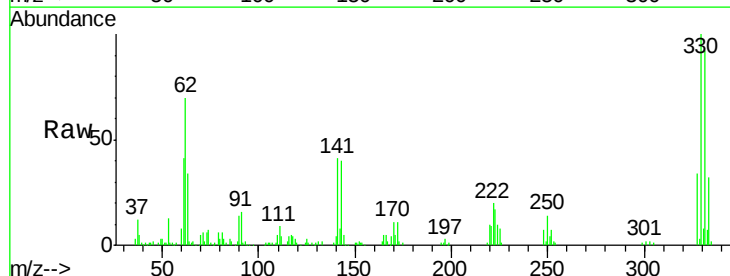


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

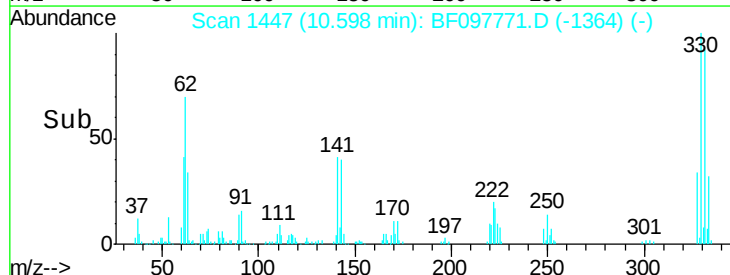
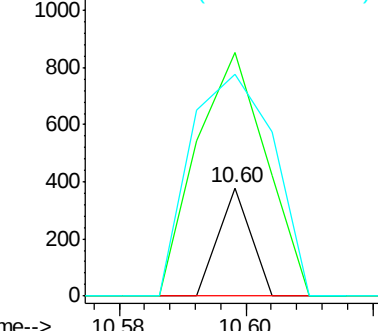


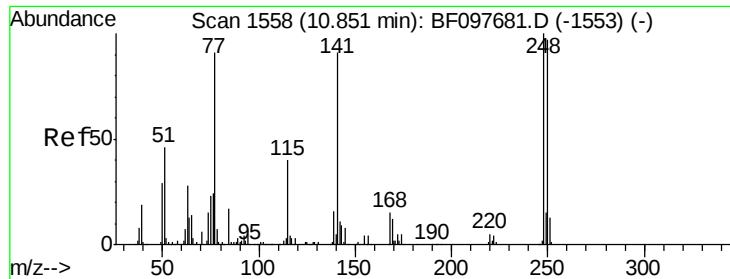
#64
4,6-Dinitro-2-methylphenol
Concen: 8.40 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Tgt Ion:198 Resp: 134
Ion Ratio Lower Upper
198 100
51 224.5 53.2 93.2#
105 204.5 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

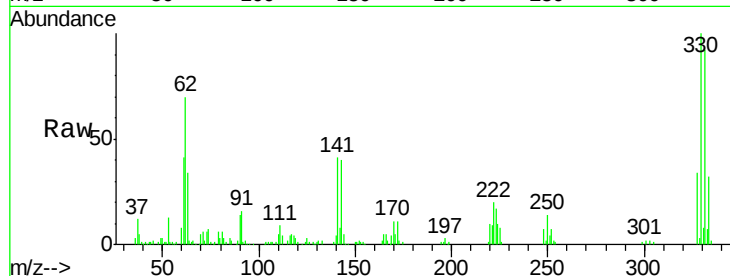




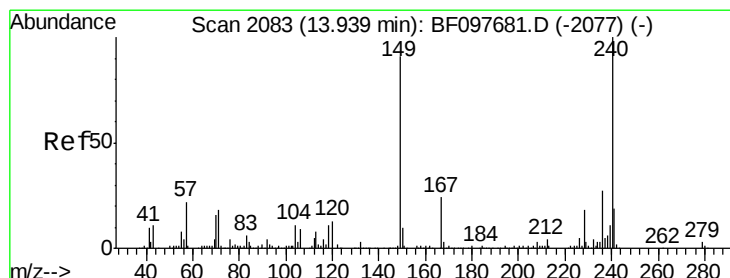
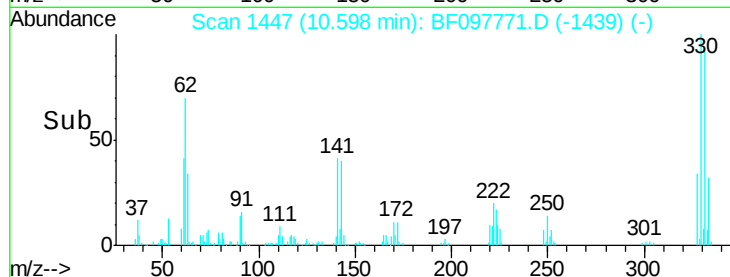
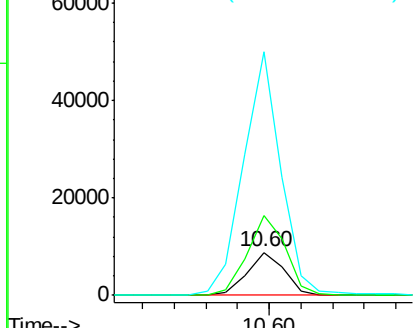
#66
4-Bromophenyl-phenylether
Concen: 2.24 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tot Ion:248 Resp: 7149
Ion Ratio Lower Upper
248 100
250 186.5 76.8 115.2#
141 565.1 68.6 103.0#

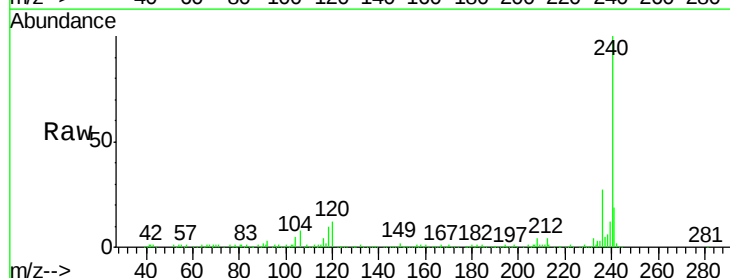


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

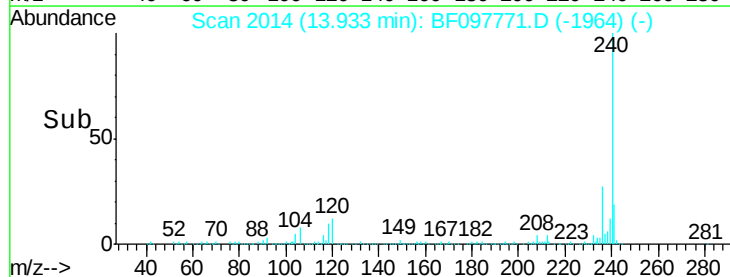
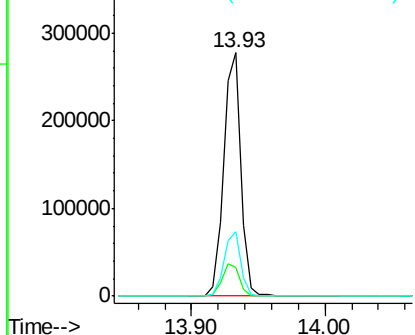


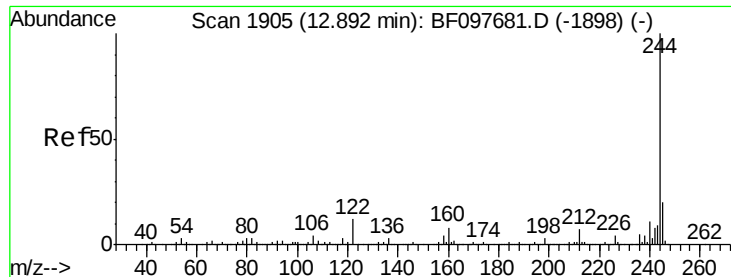
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097771.D
Acq: 17 Aug 2017 6:51

Tgt Ion:240 Resp: 253244
Ion Ratio Lower Upper
240 100
120 11.8 5.8 8.8#
236 26.6 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: 32.69 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097771.D

Acq: 17 Aug 2017 6:51

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

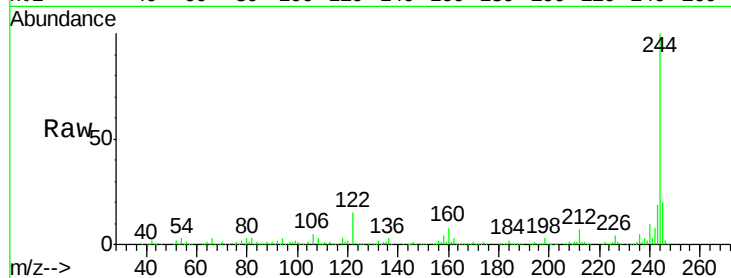
Tot Ion:244 Resp: 397023

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

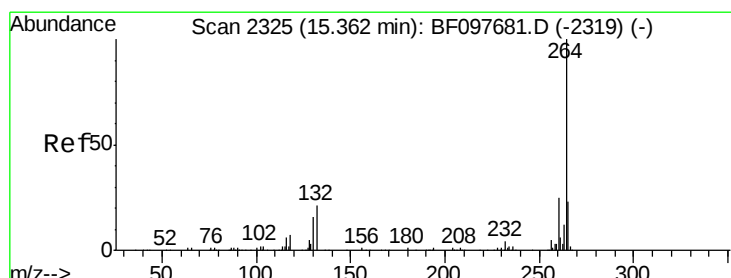
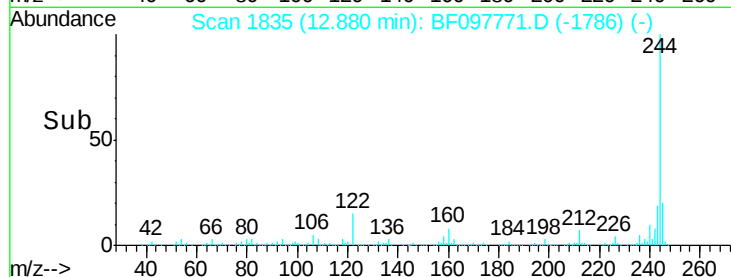
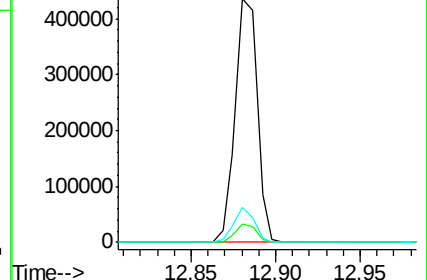
122 14.5 10.3 15.5



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: BF097771.D

Acq: 17 Aug 2017 6:51

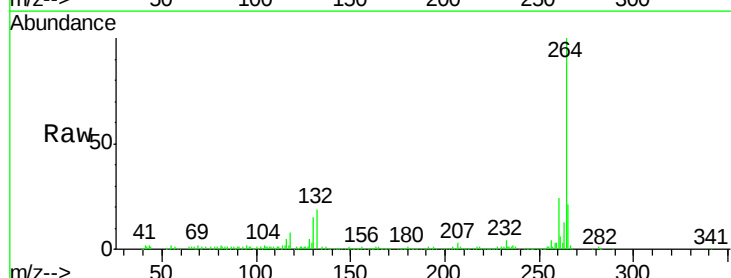
Tgt Ion:264 Resp: 214688

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.8 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

