

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097986.D
 Acq On : 23 Aug 2017 7:00
 Operator : SJ/JU
 Sample : I4901-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-1-3-COMP

Quant Time: Aug 23 07:31:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

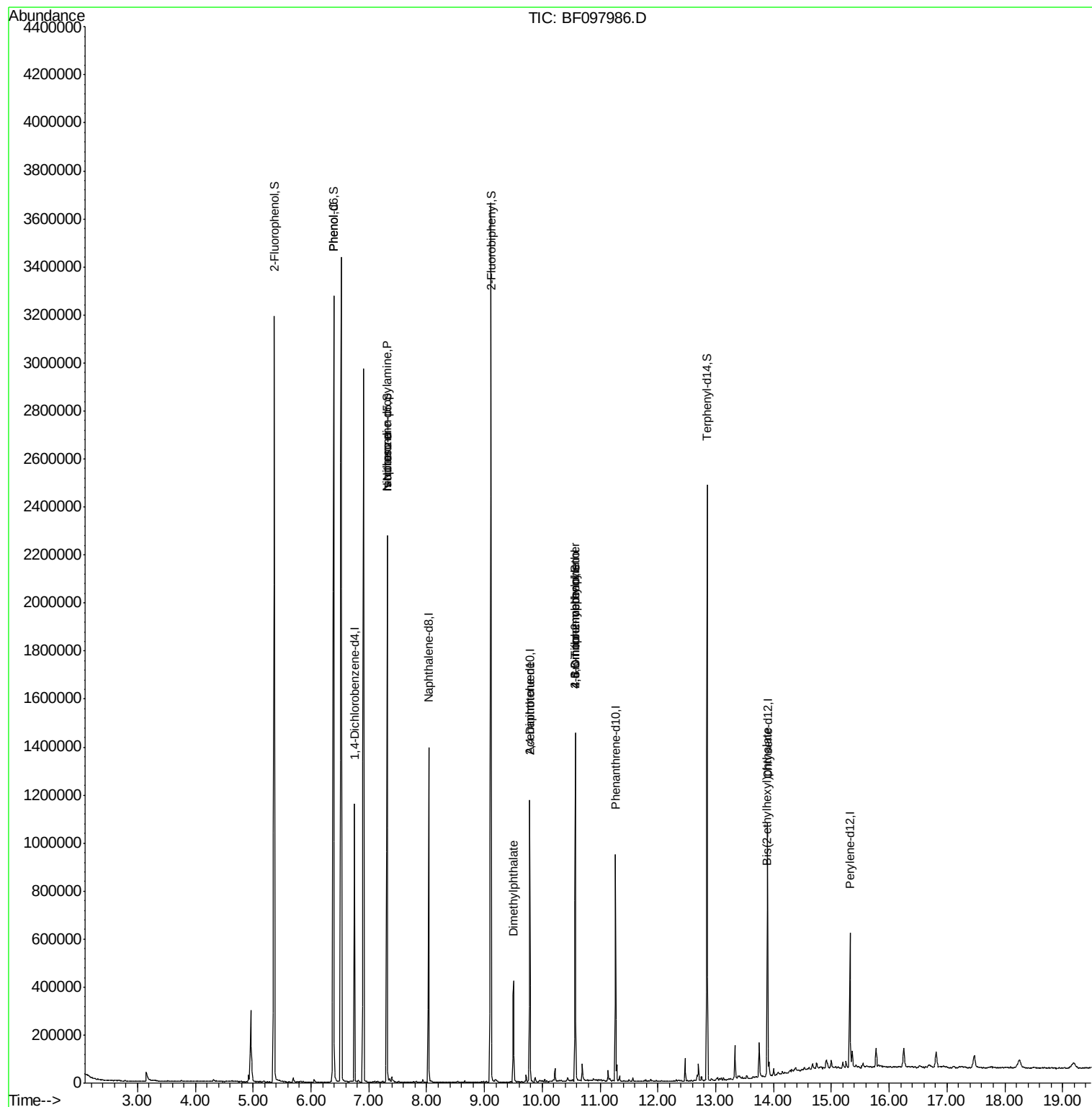
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	148296	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	567458	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215038	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	342127	20.00	ng	0.00
75) Chrysene-d12	13.90	240	325042	20.00	ng	0.00
86) Perylene-d12	15.32	264	237070	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1061595	108.89	ng	0.02
7) Phenol-d6	6.39	99	1377905	104.02	ng	0.00
23) Nitrobenzene-d5	7.32	82	861035	82.43	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	157717	84.53	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1168689	79.85	ng	0.00
78) Terphenyl-d14	12.85	244	791884	50.80	ng	0.00
Target Compounds						
10) Phenol	6.40	94	32904	2.12	ng	# 76
19) n-Nitroso-di-n-propylamine	7.32	70	117507	12.96	ng	# 71
25) Isophorone	7.32	82	846038	38.95	ng	# 67
49) Dimethylphthalate	9.50	163	153976	9.80	ng	98
56) 2,4-Dinitrotoluene	9.79	165	28188	7.16	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	331	8.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	10856	3.06	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.89	149	24611	2.18	ng	99

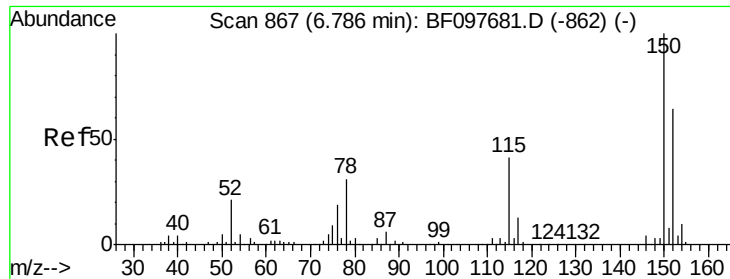
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 21 15:59:04 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

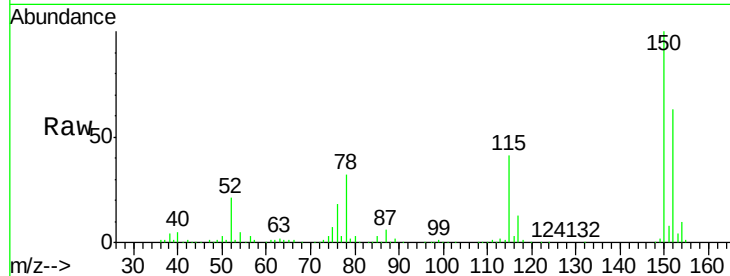
Tot Ion:152 Resp: 148296

Ion Ratio Lower Upper

152 100

150 158.8 126.2 189.2

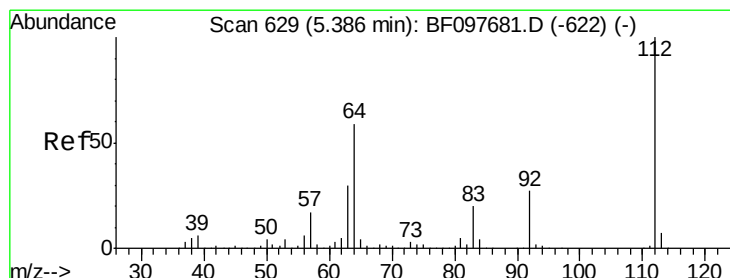
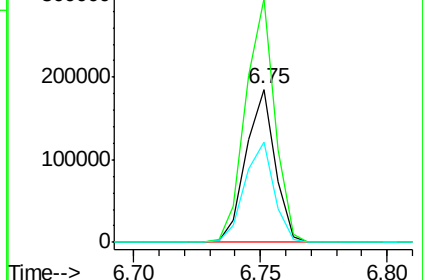
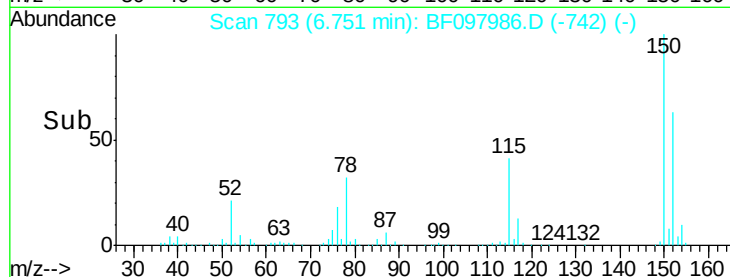
115 65.7 52.2 78.2



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: 108.89 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

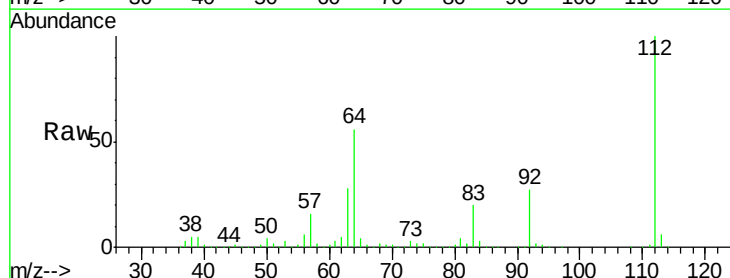
Tgt Ion:112 Resp: 1061595

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

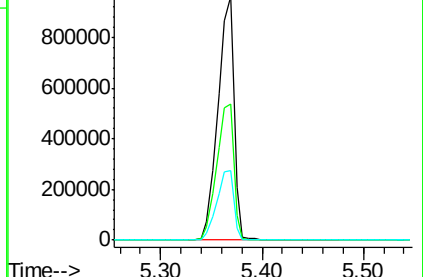
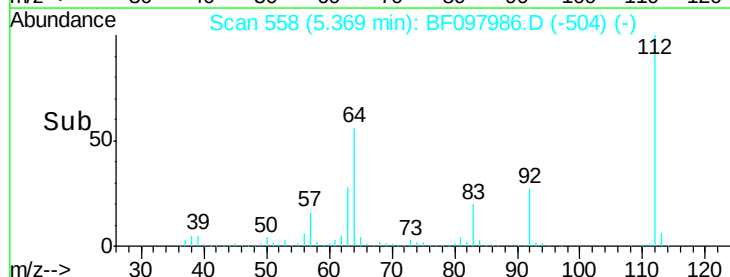
63 28.5 23.4 35.0

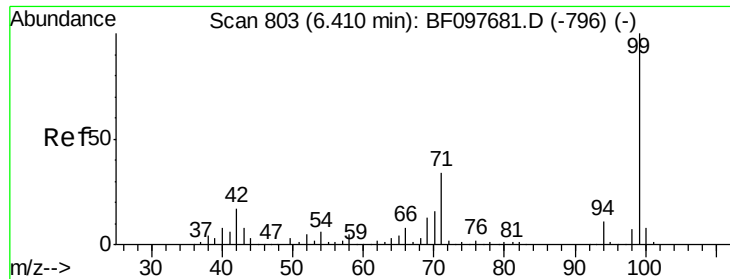


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.02 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Instrument :

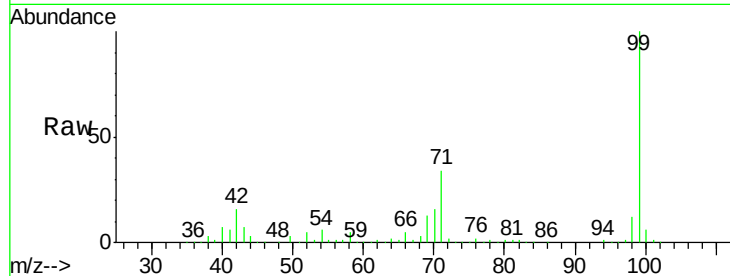
BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

Tot Ion: 99 Resp: 1377905

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	33.5	24.5	36.7

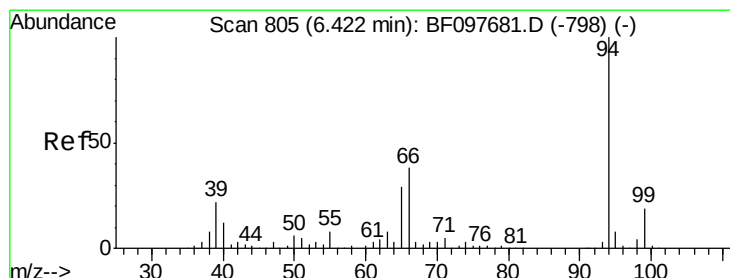
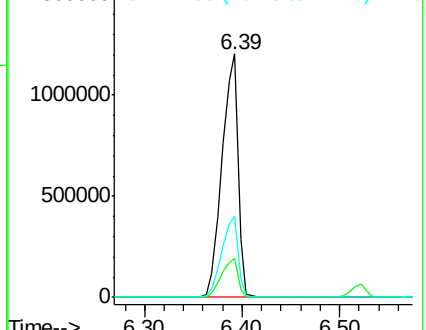
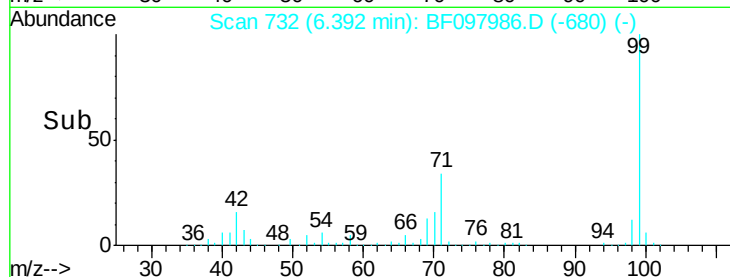


Abundance

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: 2.12 ng

RT: 6.40 min Scan# 733

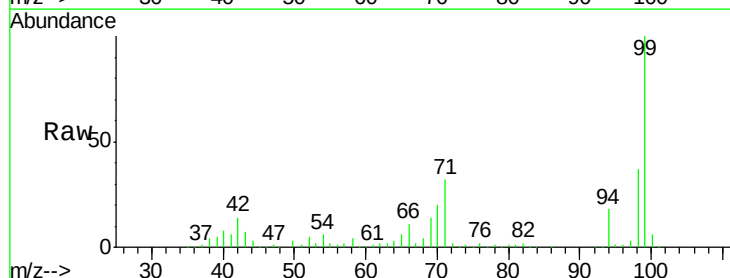
Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Tgt Ion: 94 Resp: 32904

Ion	Ratio	Lower	Upper
94	100		
65	35.4	9.9	49.9
66	64.1	23.1	63.1

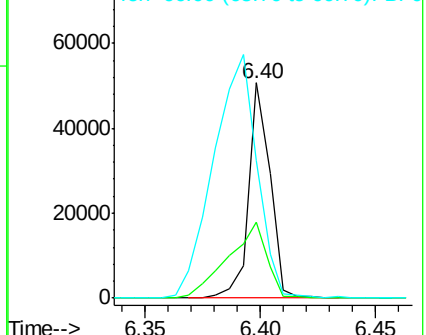
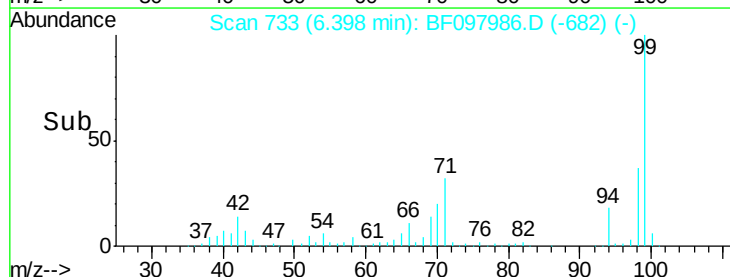


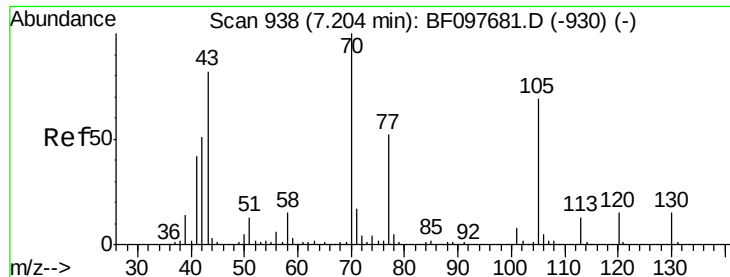
Abundance

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

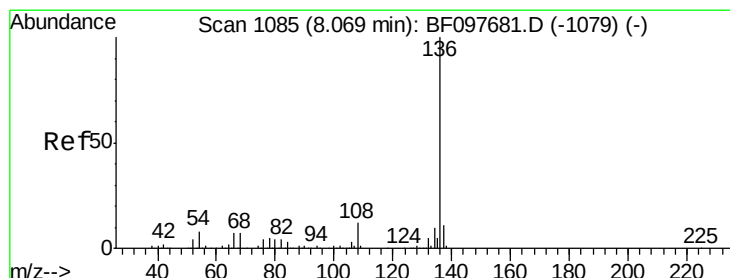
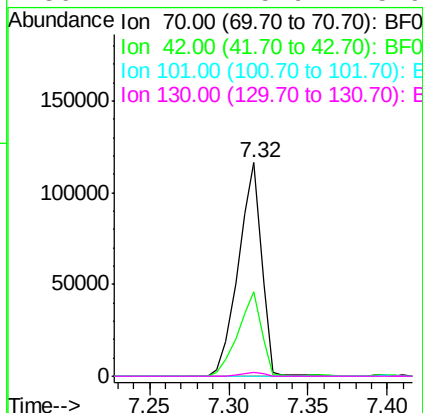
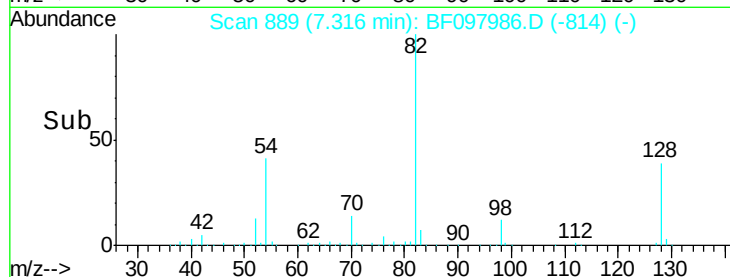
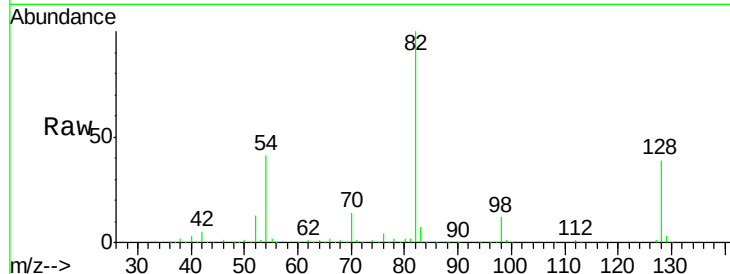




#19
n-Nitroso-di-n-propylamine
Concen: 12.96 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

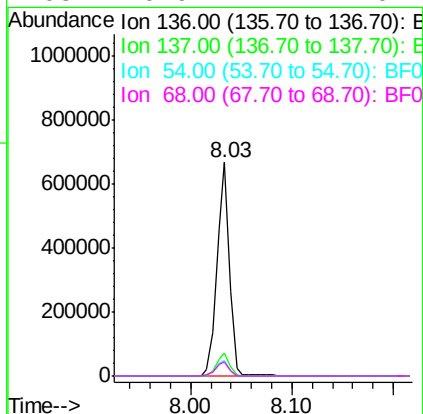
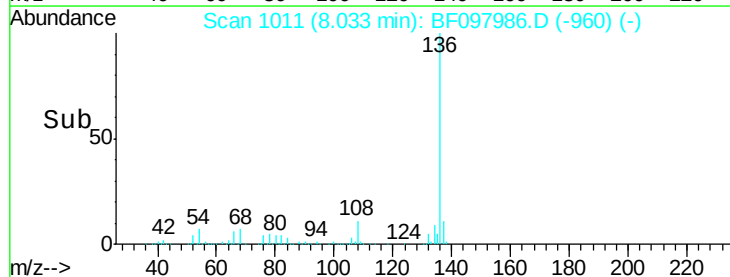
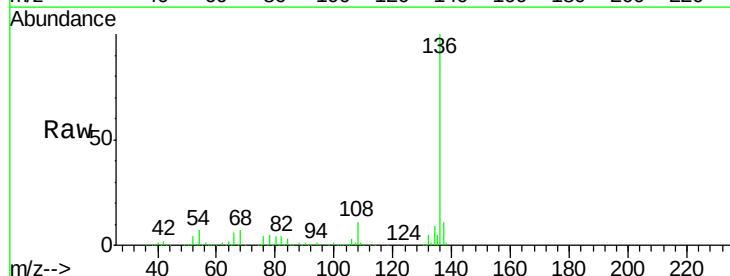
Instrument :
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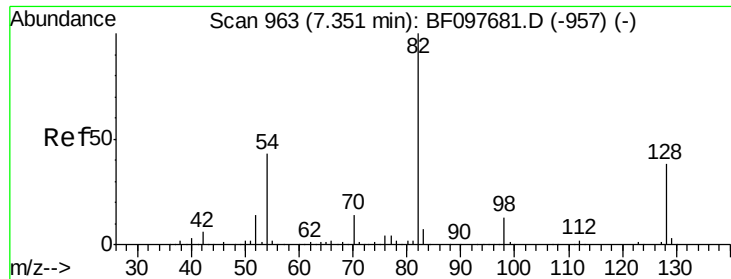
Tot Ion: 70 Resp: 117507
Ion Ratio Lower Upper
70 100
42 39.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

Tgt Ion: 136 Resp: 567458
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.2 4.9 7.3
68 6.9 4.1 6.1#

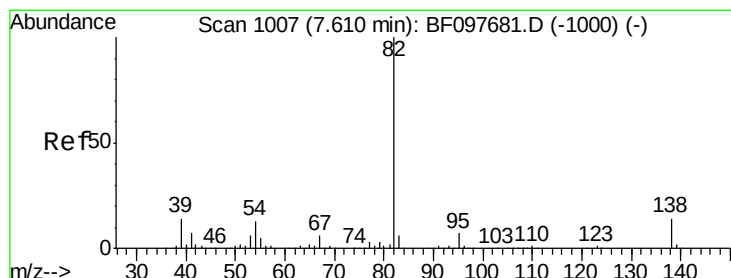
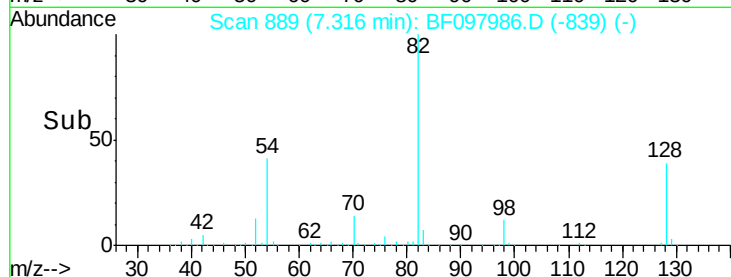
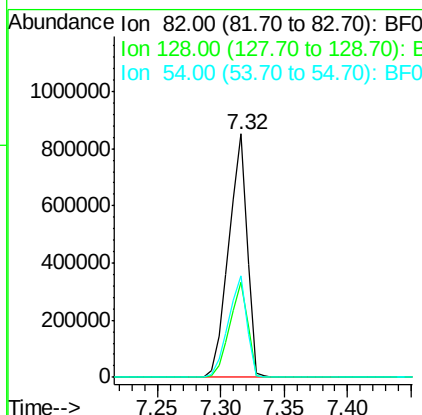
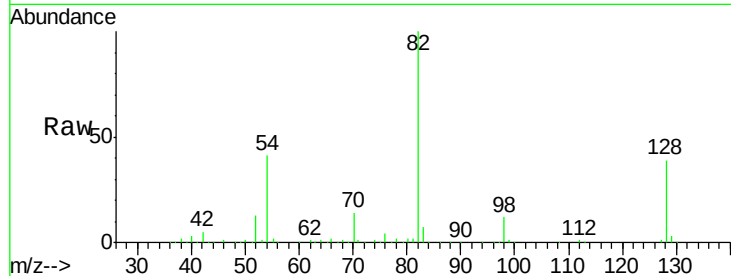




#23
 Nitrobenzene-d5
 Concen: 82.43 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

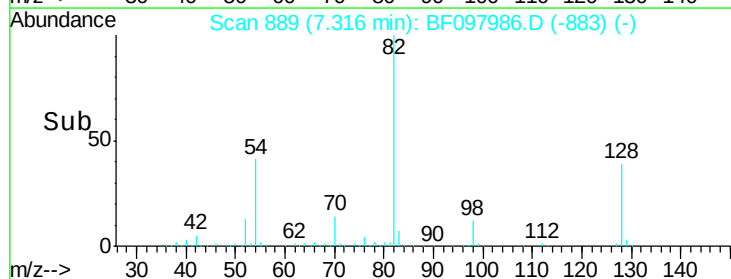
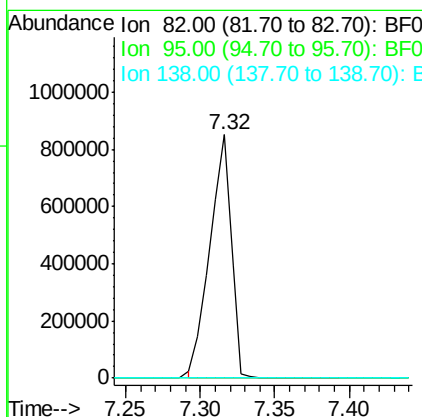
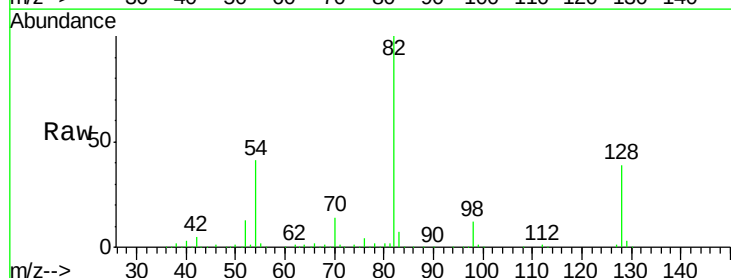
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-1-3-COMP

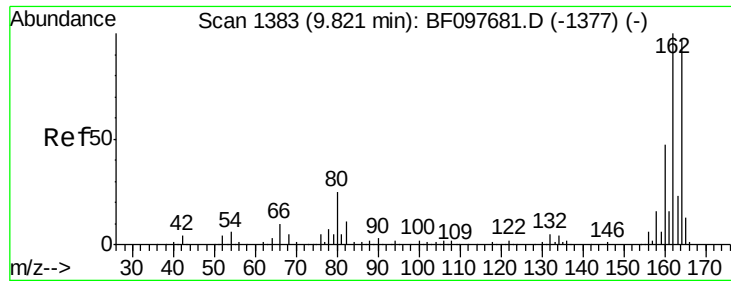
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	41.5	42.2	63.2#



#25
 Isophorone
 Concen: 38.95 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

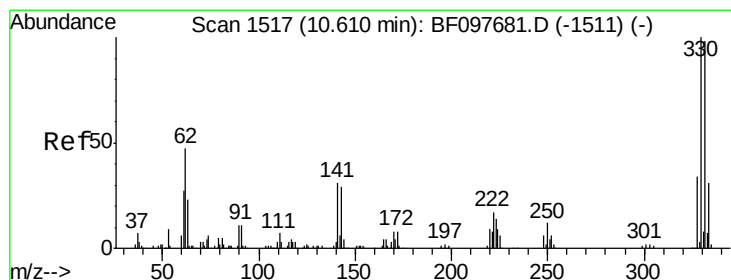
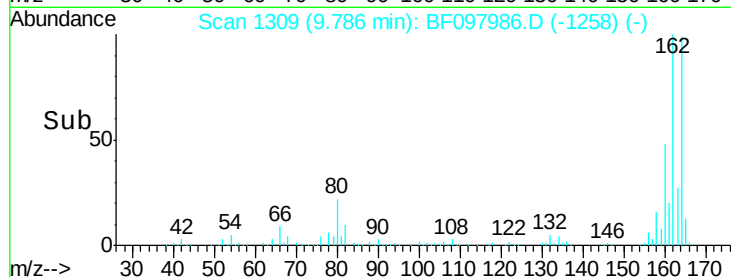
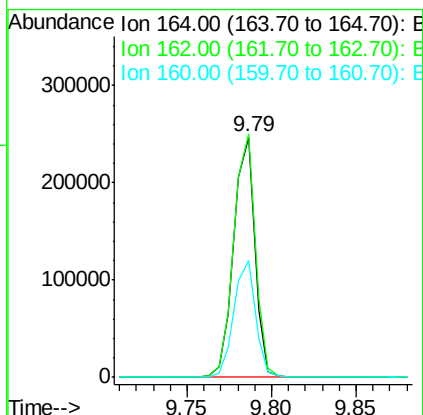
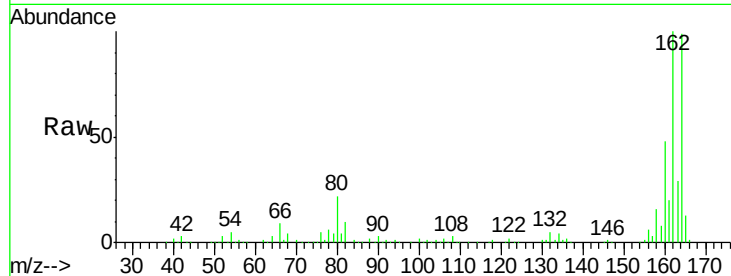




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

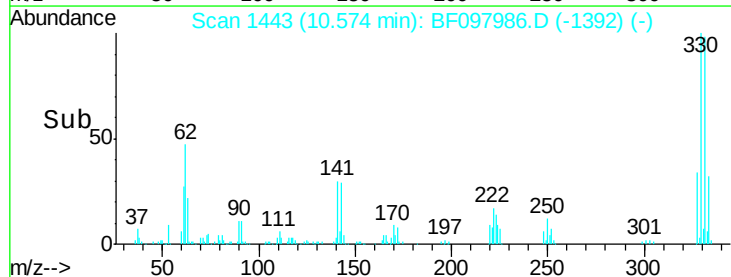
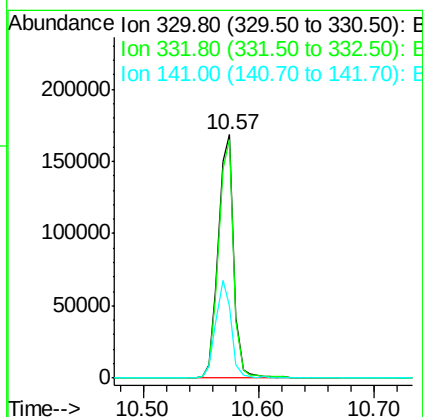
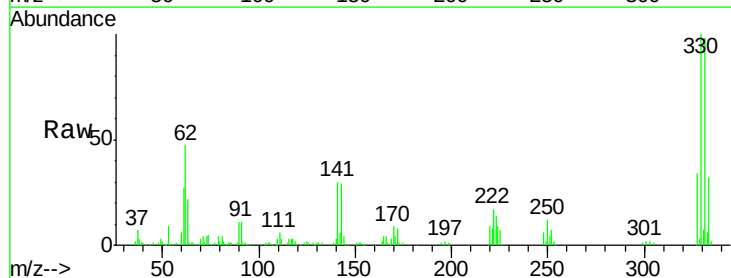
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-1-3-COMP

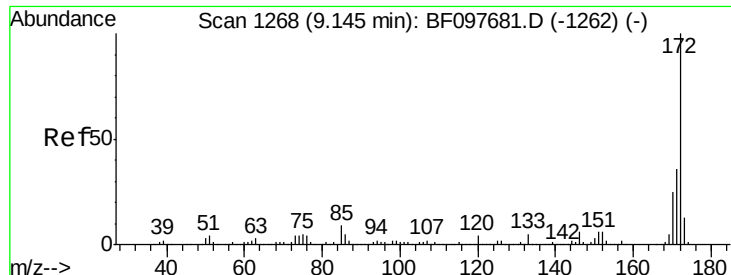
Tot Ion:164 Resp: 215038
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 48.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 84.53 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

Tgt Ion:330 Resp: 157717
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 40.2 31.4 47.2



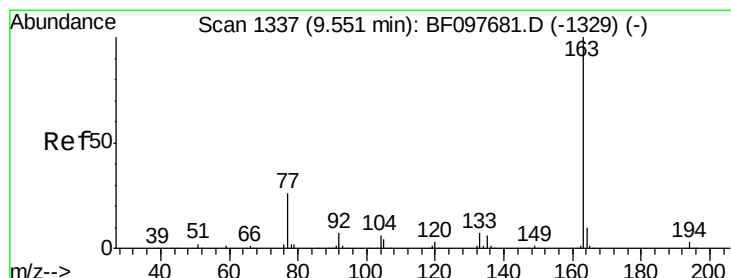
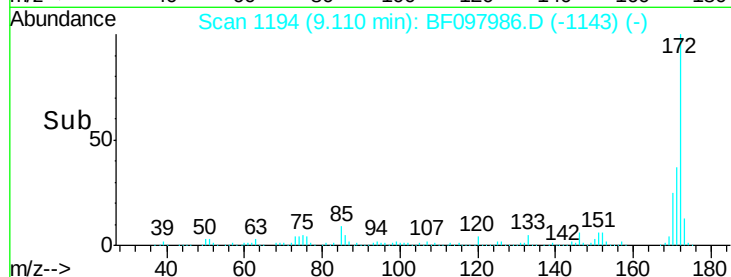
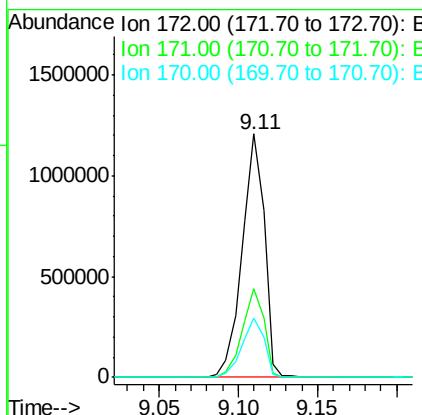
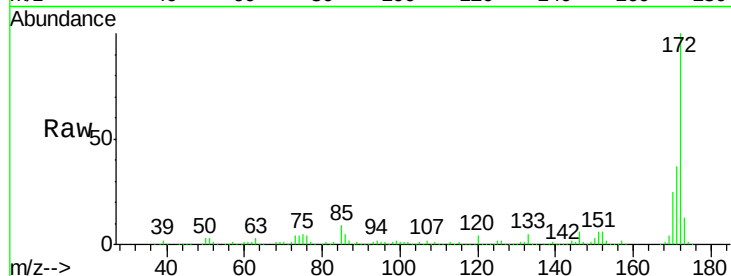


#44
 2-Fluorobiphenyl
 Concen: 79.85 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-1-3-COMP

Tot Ion:172 Resp: 1168689

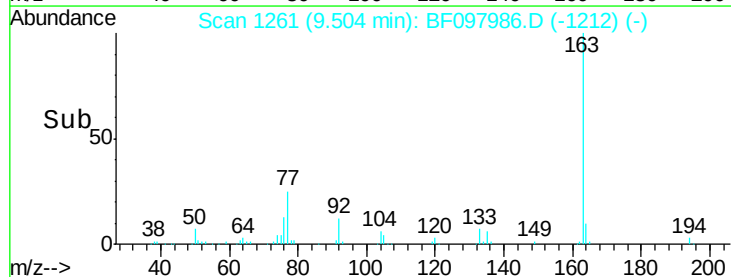
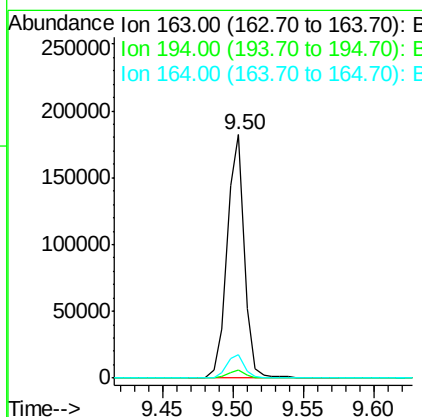
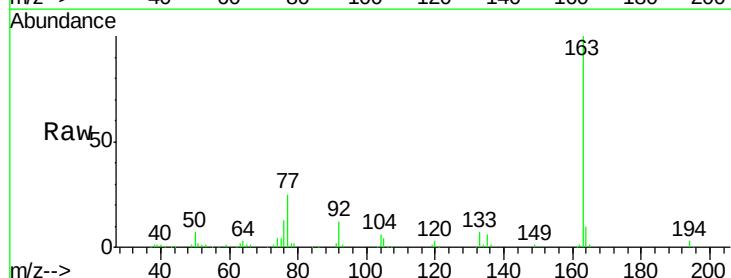
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	19.8	29.8

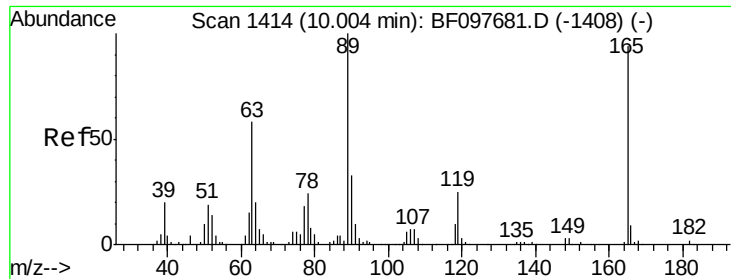


#49
 Dimethylphthalate
 Concen: 9.80 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

Tgt Ion:163 Resp: 153976

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6

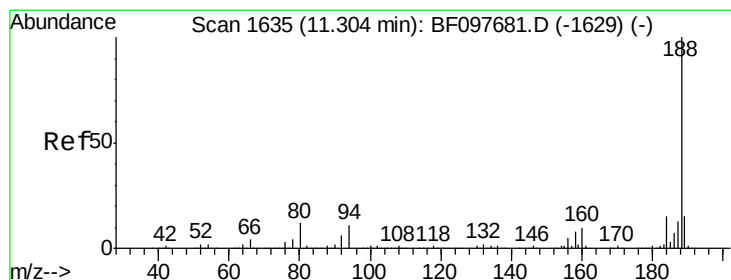
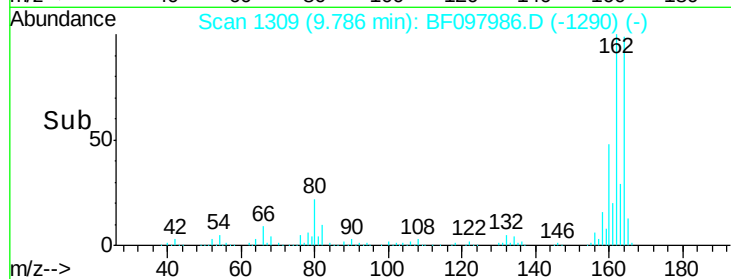
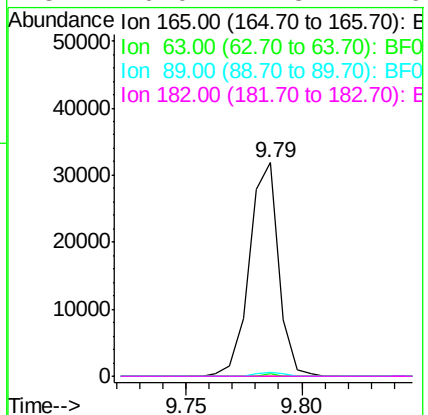
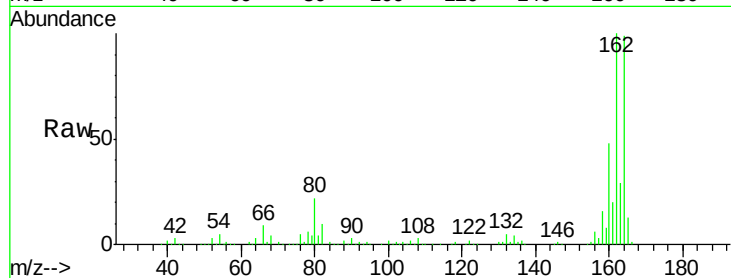




#56
 2,4-Dinitrotoluene
 Concen: 7.16 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.19 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

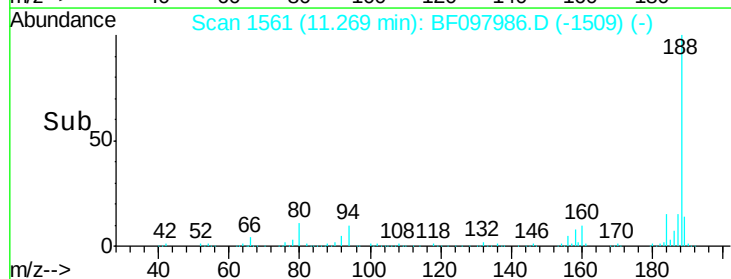
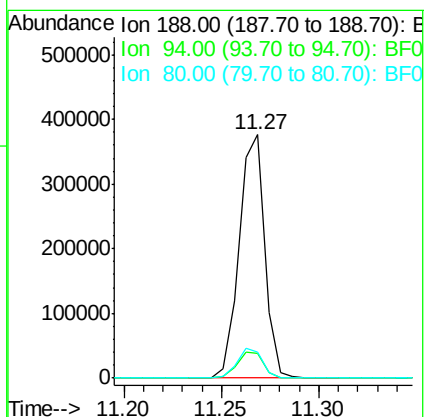
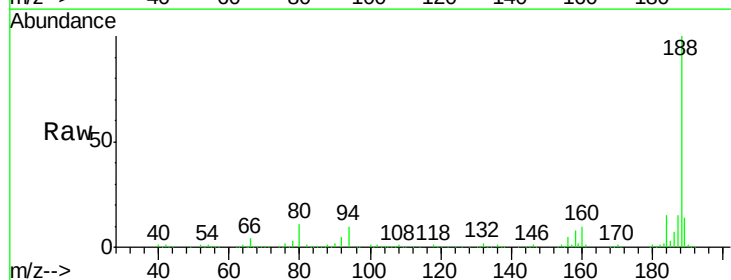
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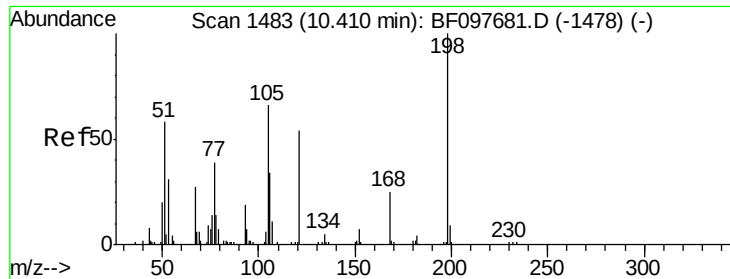
Tot Ion:	165	Resp:	28188
Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

Tgt Ion:	188	Resp:	342127
Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.5	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.49 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.19 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

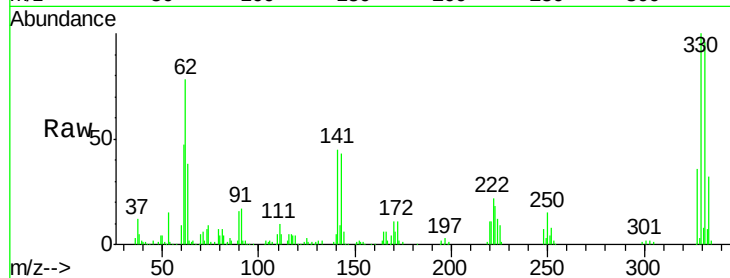
Tot Ion:198 Resp: 331

Ion Ratio Lower Upper

198 100

51 166.8 53.2 93.2#

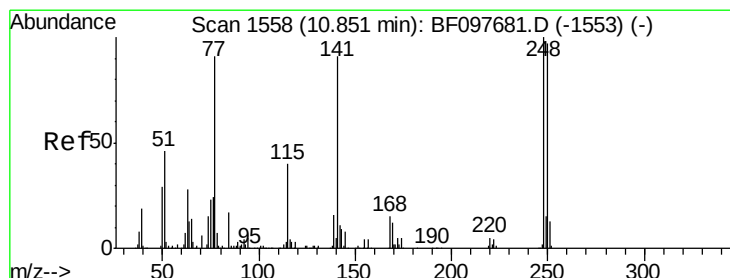
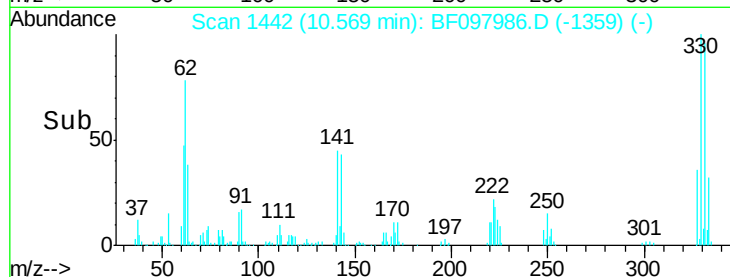
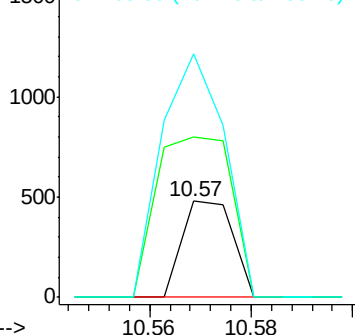
105 253.4 45.8 85.8#



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: 3.06 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.25 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

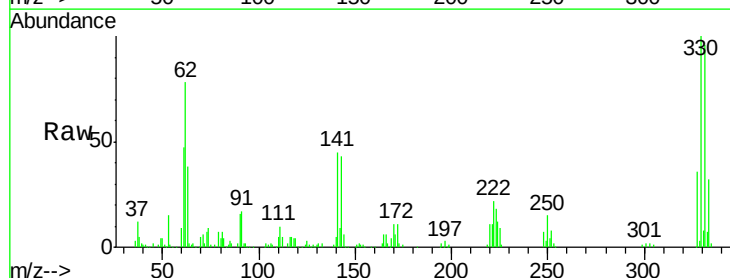
Tgt Ion:248 Resp: 10856

Ion Ratio Lower Upper

248 100

250 197.2 76.8 115.2#

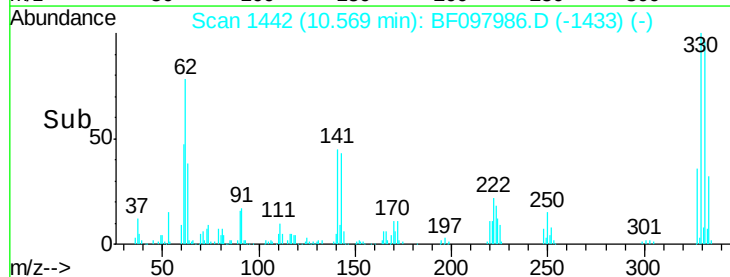
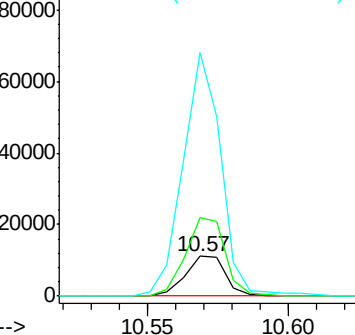
141 614.3 68.6 103.0#

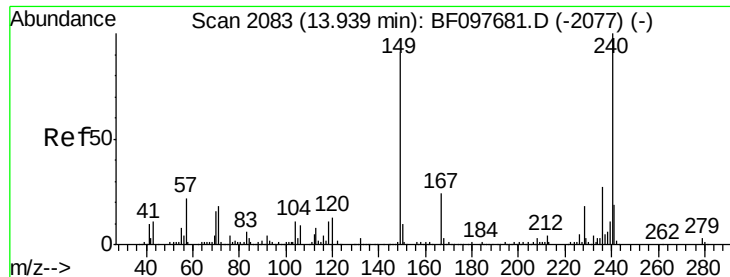


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.90 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

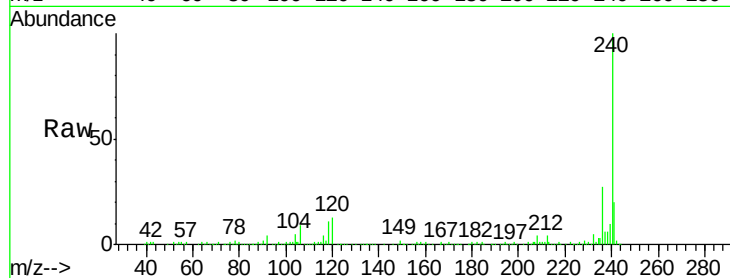
Tot Ion:240 Resp: 325042

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

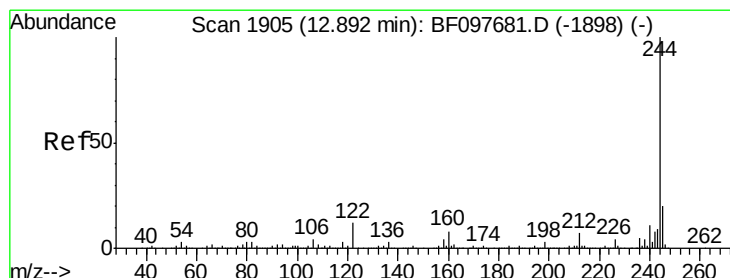
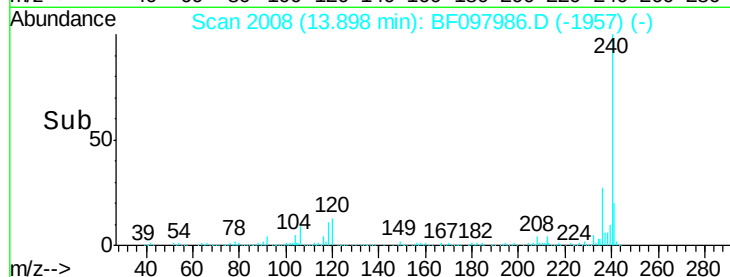
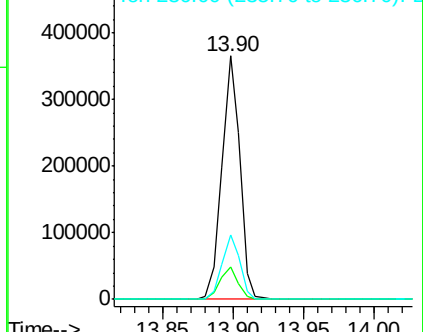
236 26.6 20.5 30.7



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: 50.80 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

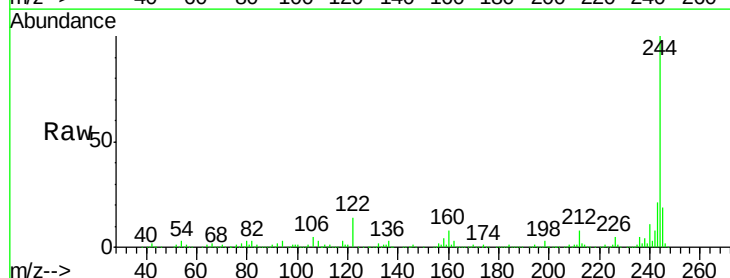
Tgt Ion:244 Resp: 791884

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

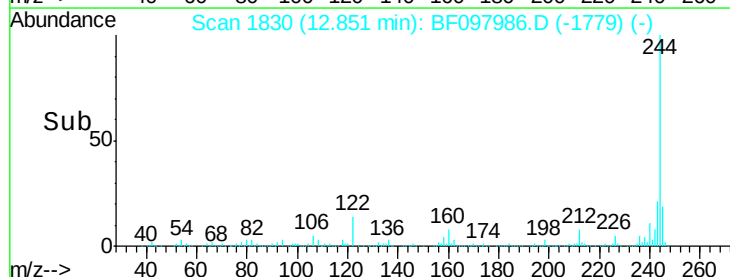
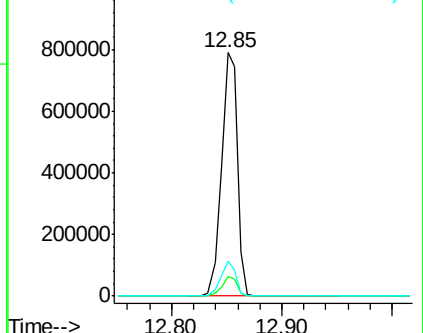
122 14.2 10.3 15.5

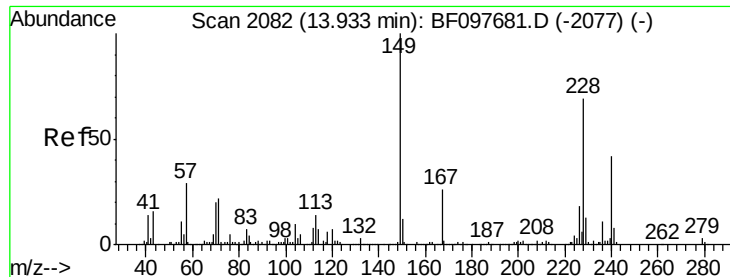


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.18 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

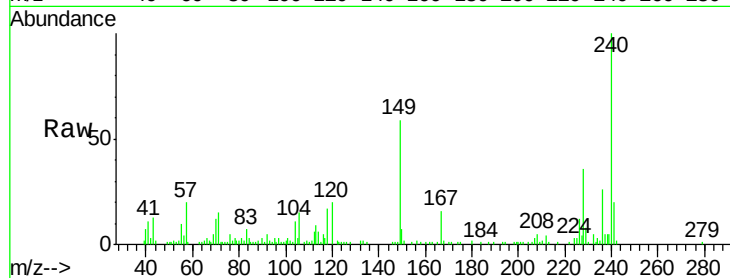
Tot Ion:149 Resp: 24611

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

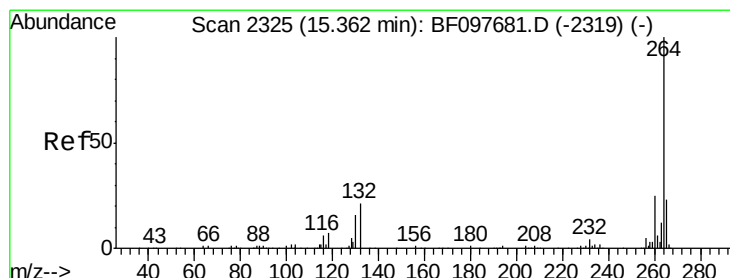
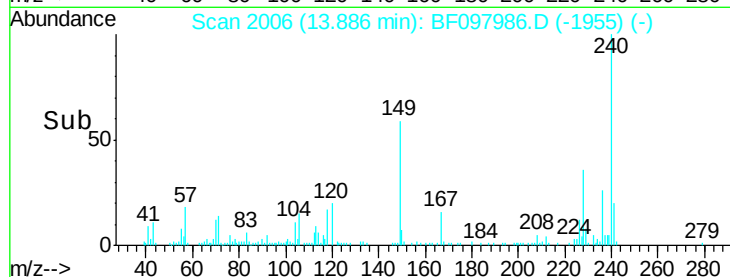
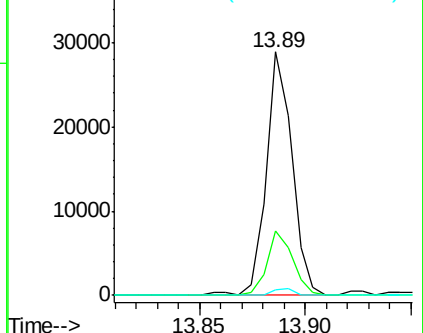
279 2.3 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

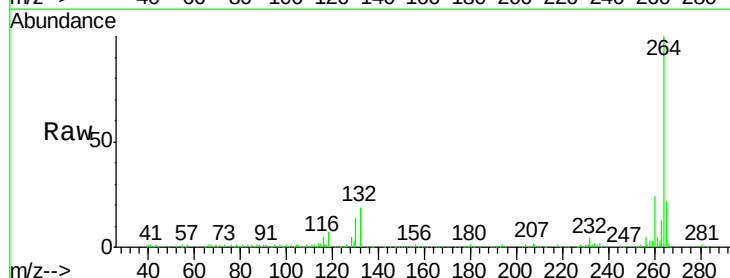
Tgt Ion:264 Resp: 237070

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.9 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

