

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098237.D
 Acq On : 1 Sep 2017 20:04
 Operator : SJ/JU
 Sample : I4997-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1-COMP

Quant Time: Sep 01 22:54:26 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

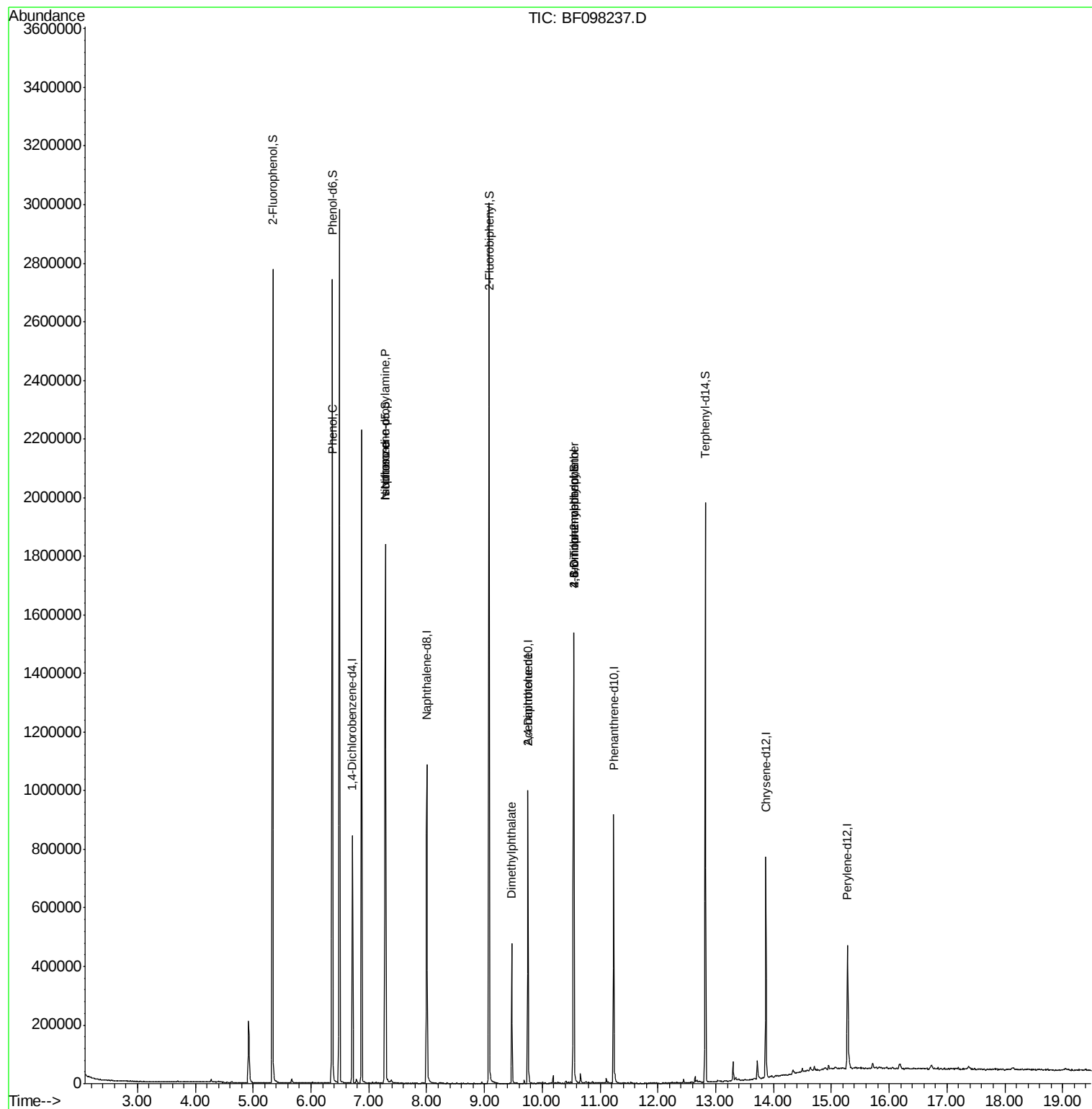
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121897	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	479356	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	195919	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	319967	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	247855	20.00	ng	-0.03
86) Perylene-d12	15.28	264	187911	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	855374	106.74	ng	-0.01
7) Phenol-d6	6.37	99	1188485	109.15	ng	-0.02
23) Nitrobenzene-d5	7.29	82	695080	78.77	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	183889	108.18	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	904900	67.86	ng	-0.03
78) Terphenyl-d14	12.82	244	569195	47.89	ng	-0.03
Target Compounds						
10) Phenol	6.38	94	48992	3.847	ng	89
19) n-Nitroso-di-n-propylamine	7.29	70	91115	12.224	ng	# 70
25) Isophorone	7.29	82	684662	37.315	ng	# 67
49) Dimethylphthalate	9.47	163	171254	11.958	ng	99
56) 2,4-Dinitrotoluene	9.75	165	25034	6.978	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.54	198	339	8.507	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	11920	3.587	ng	# 1

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

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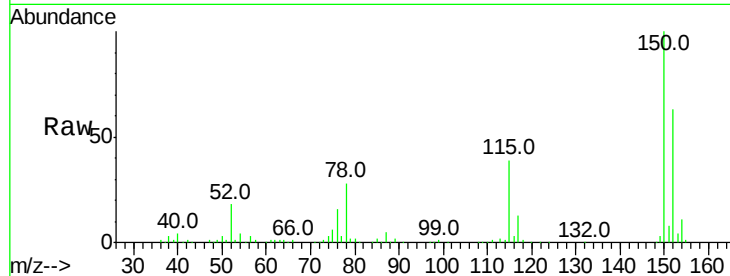


#1

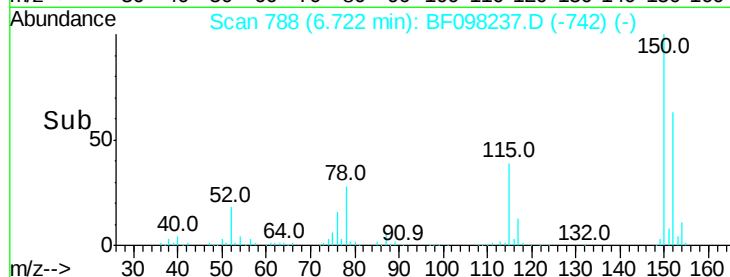
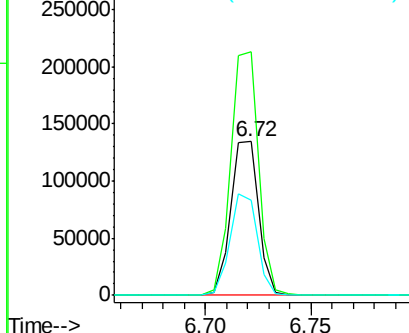
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098237.D
Acq: 1 Sep 2017 20:04

Instrument :
BNA_F
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TEC-B1-COMP

Tot Ion:152 Resp: 121897
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 61.6 52.2 78.2



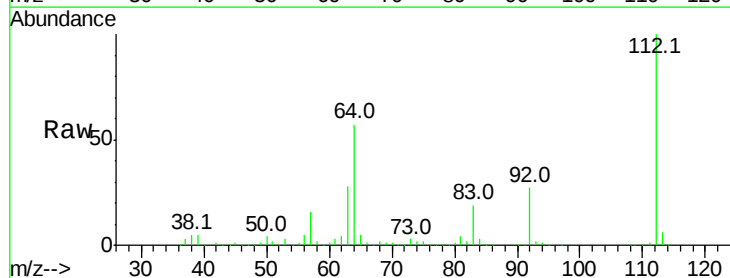
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



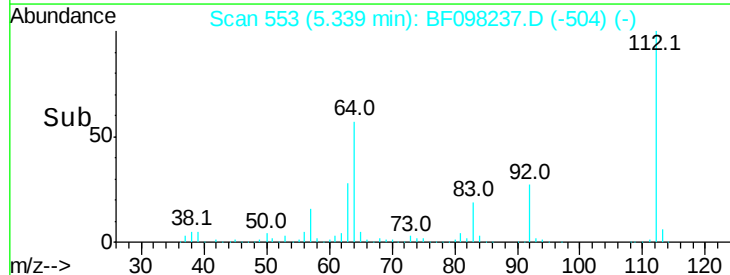
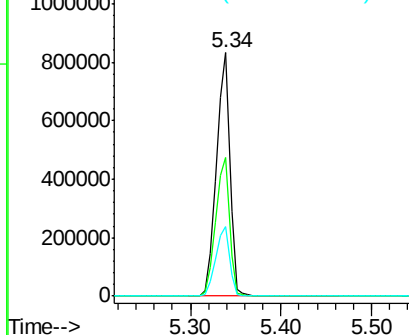
#5

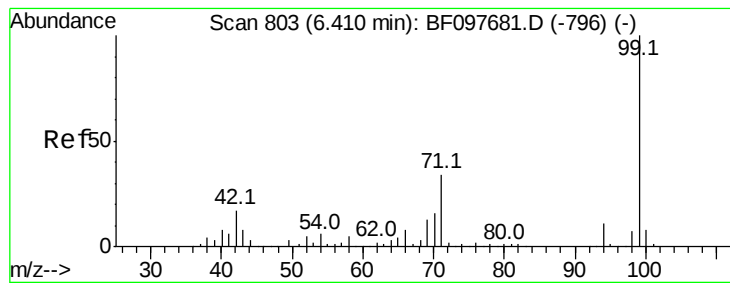
2-Fluorophenol
Concen: 106.737 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098237.D
Acq: 1 Sep 2017 20:04

Tgt Ion:112 Resp: 855374
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 28.4 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: 109.150 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098237.D

Acq: 1 Sep 2017 20:04

Instrument :

BNA_F

ClientSampleId :

TEC-B1-COMP

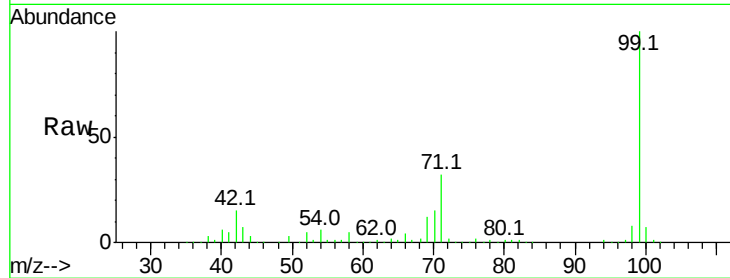
Tot Ion: 99 Resp: 1188485

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

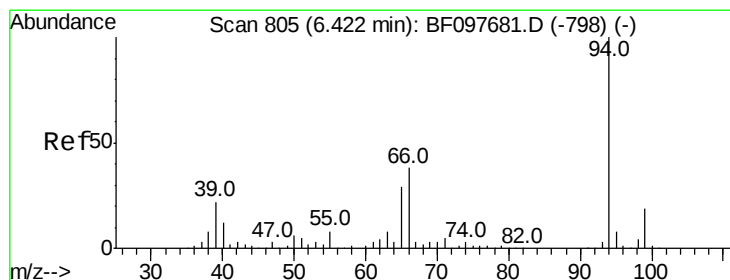
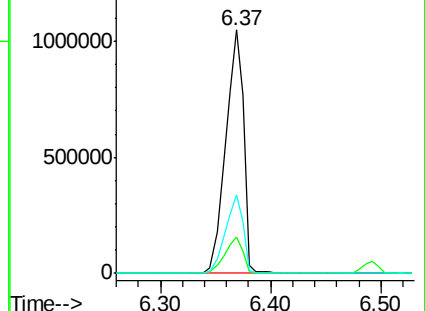
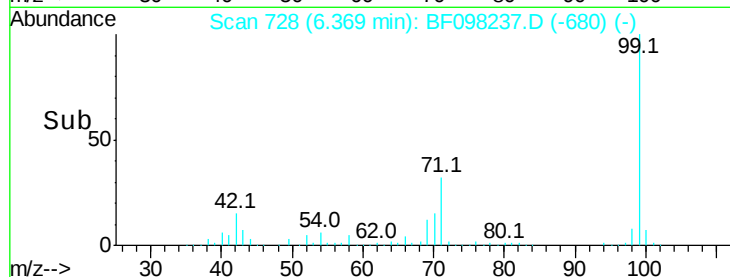
71 32.5 24.5 36.7



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: 3.847 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF098237.D

Acq: 1 Sep 2017 20:04

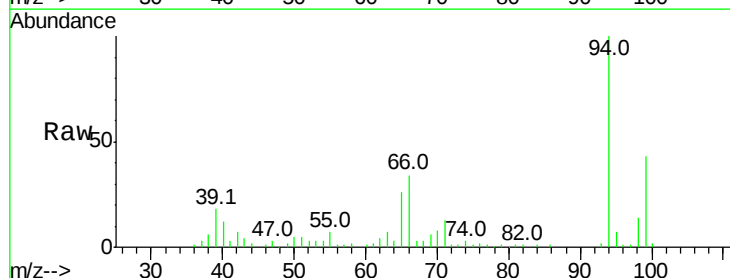
Tgt Ion: 94 Resp: 48992

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

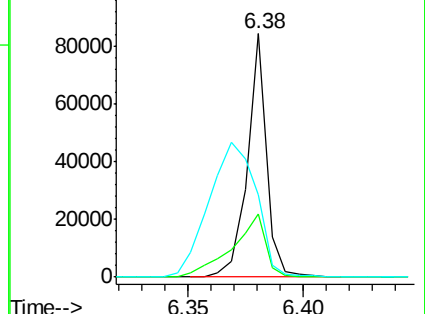
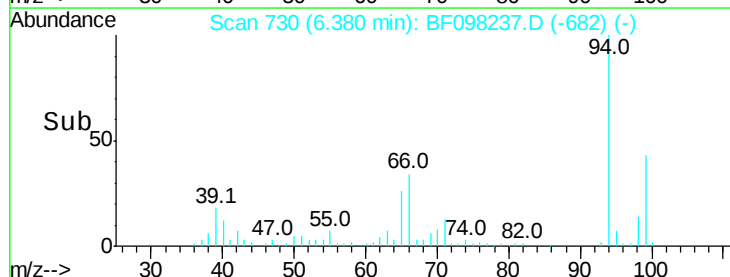
66 33.9 23.1 63.1

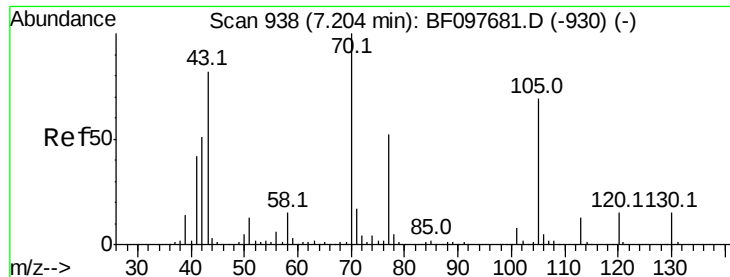


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

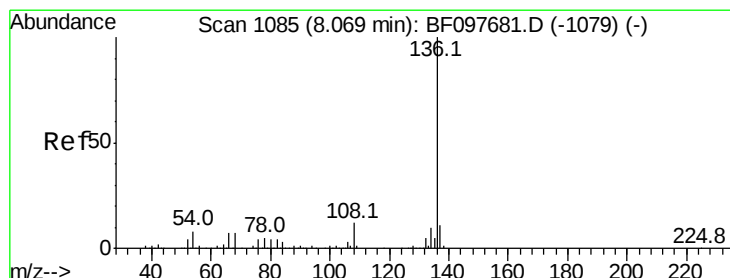
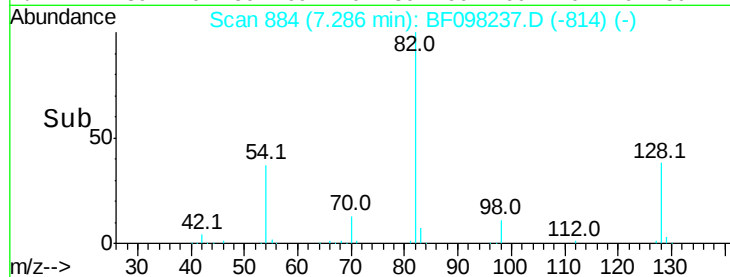
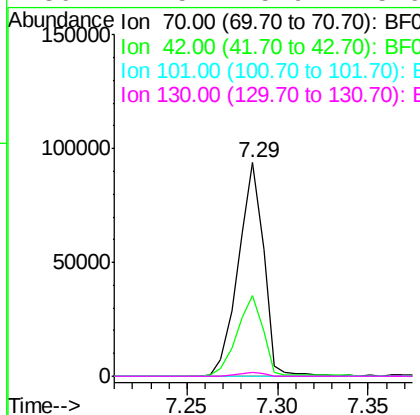
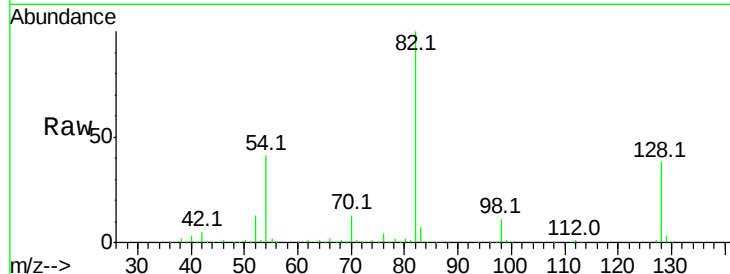




#19
n-Nitroso-di-n-propylamine
Concen: 12.224 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.11 min
Lab File: BF098237.D
Acq: 1 Sep 2017 20:04

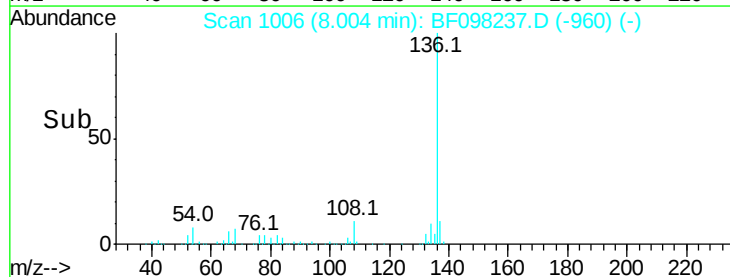
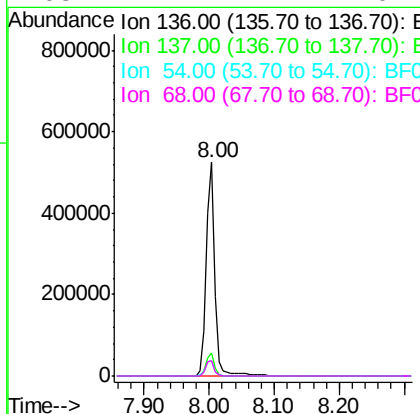
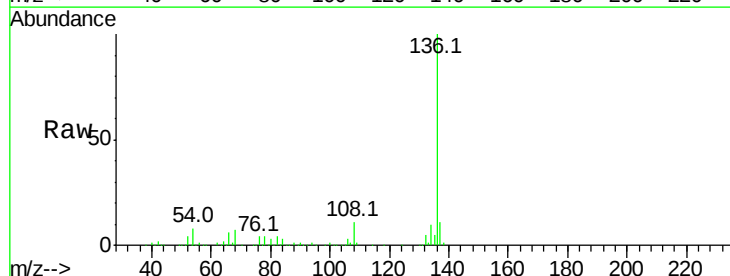
Instrument :
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ClientSampleId :
TEC-B1-COMP

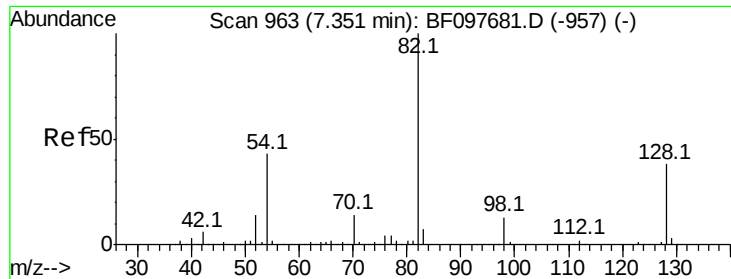
Tot Ion: 70 Resp: 91115
Ion Ratio Lower Upper
70 100
42 37.9 47.2 70.8#
101 0.0 7.2 10.8#
130 1.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF098237.D
Acq: 1 Sep 2017 20:04

Tgt Ion:136 Resp: 479356
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.5 4.9 7.3#
68 7.1 4.1 6.1#

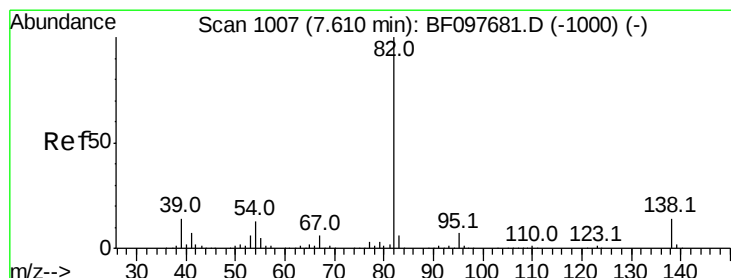
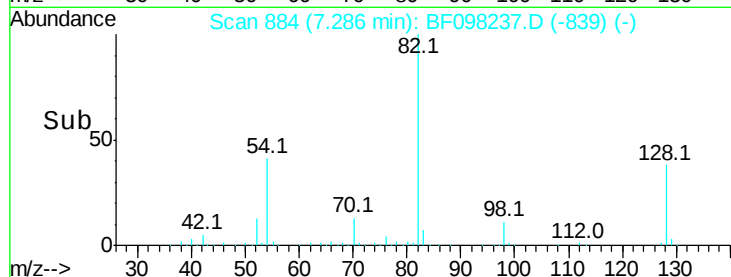
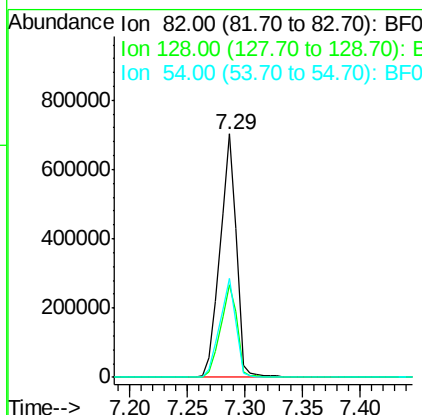
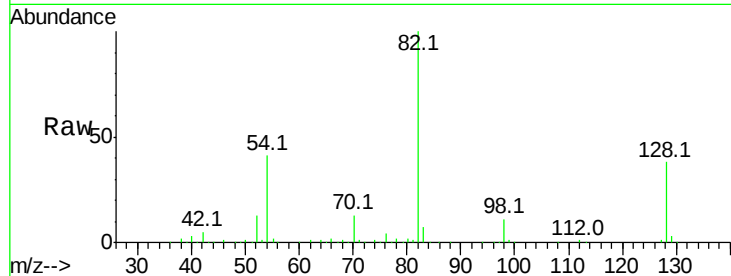




#23
 Nitrobenzene-d5
 Concen: 78.772 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

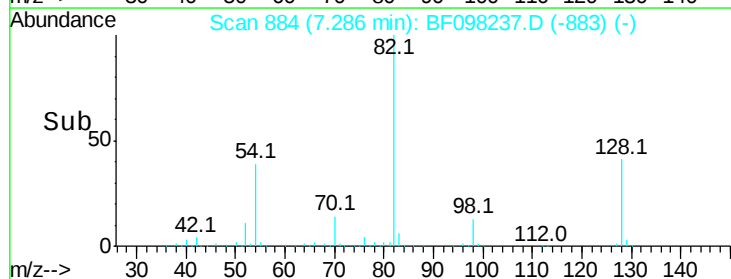
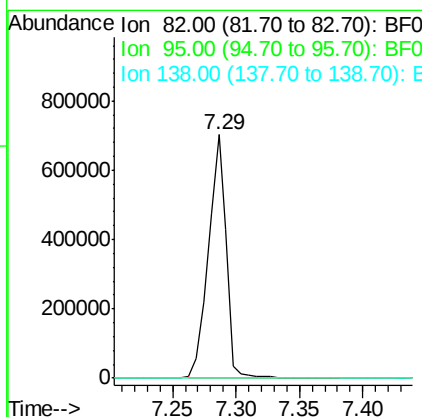
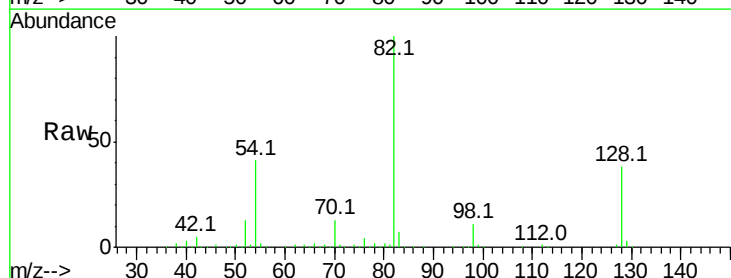
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1-COMP

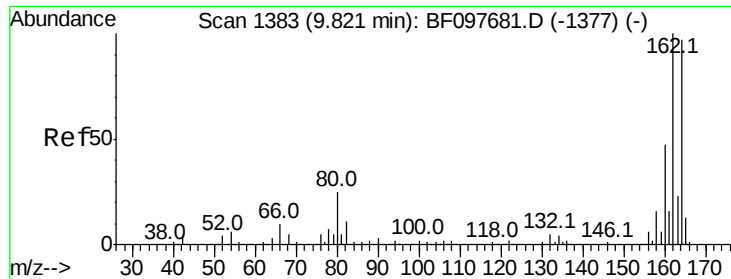
Tot Ion	82	Resp	695080
Ion Ratio	100	Lower	Upper
128	38.1	34.0	51.0
54	40.6	42.2	63.2#



#25
 Isophorone
 Concen: 37.315 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.29 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

Tgt Ion	82	Resp	684662
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

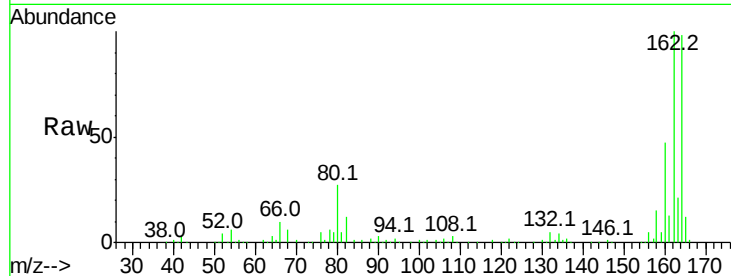




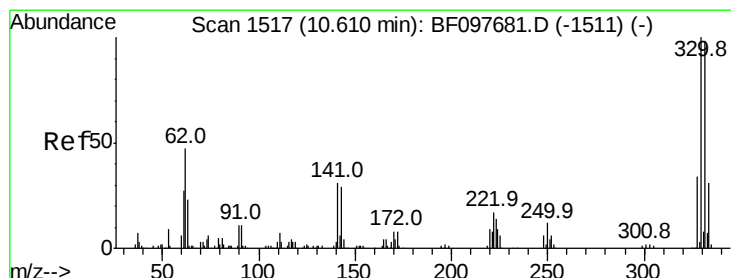
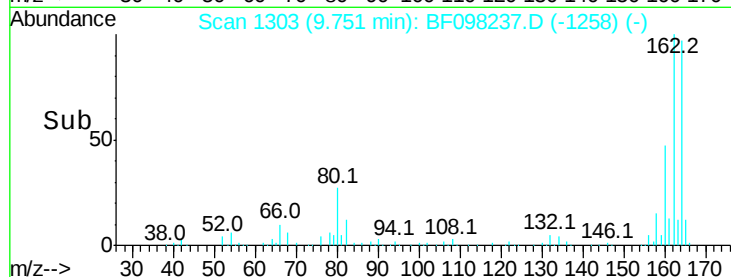
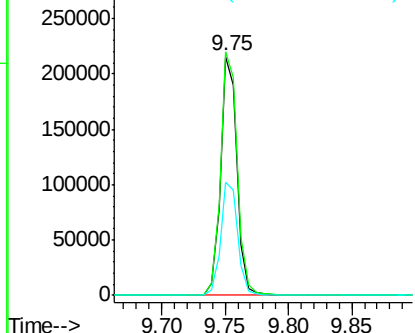
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1-COMP

Tot Ion:164 Resp: 195919
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 47.6 36.2 54.2

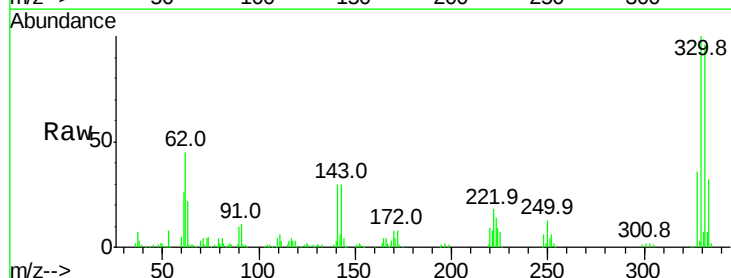


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

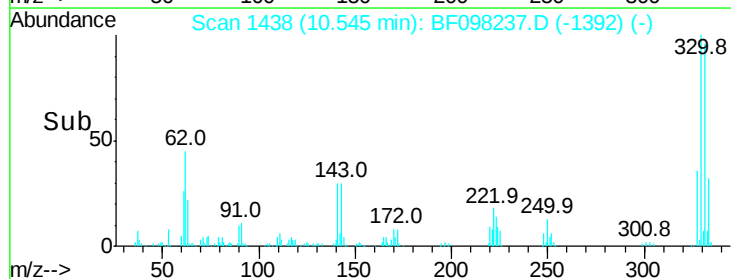
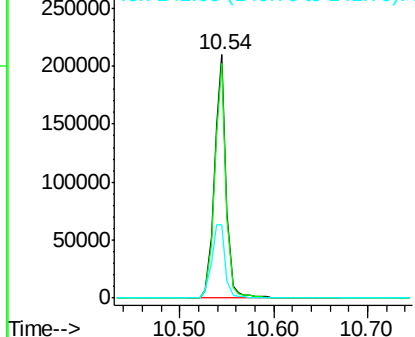


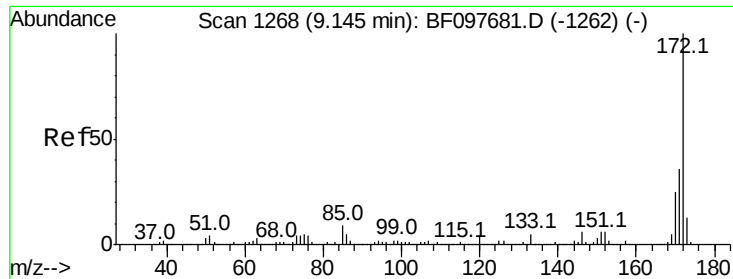
#41
 2,4,6-Tribromophenol
 Concen: 108.175 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

Tgt Ion:330 Resp: 183889
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 36.0 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

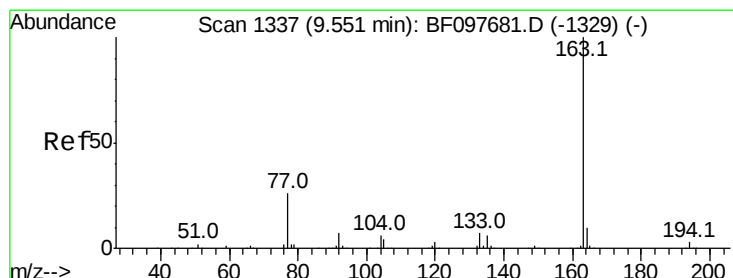
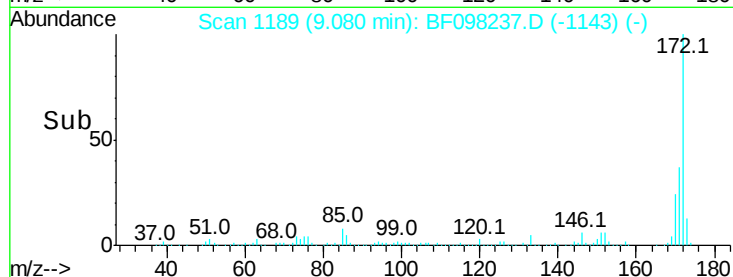
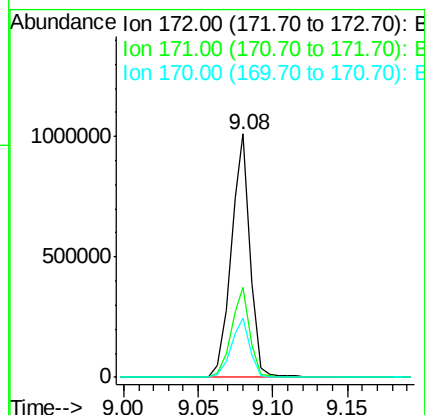
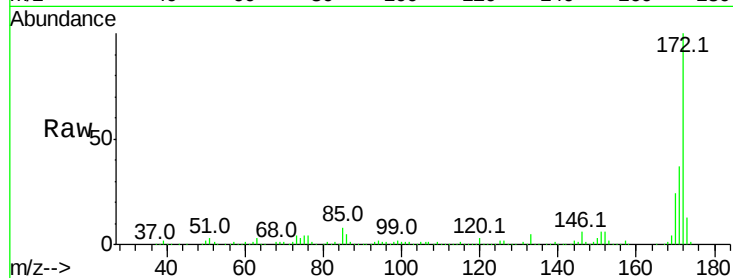




#44
 2-Fluorobiphenyl
 Concen: 67.859 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

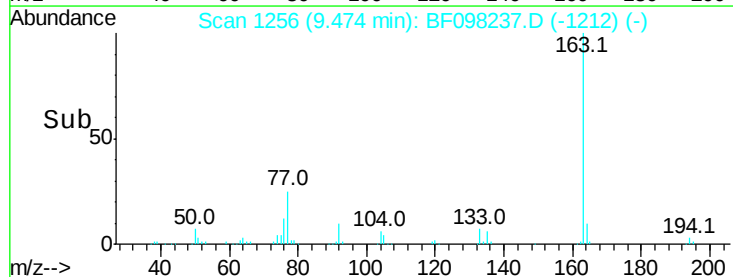
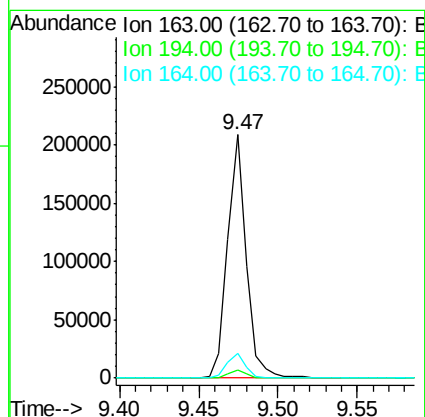
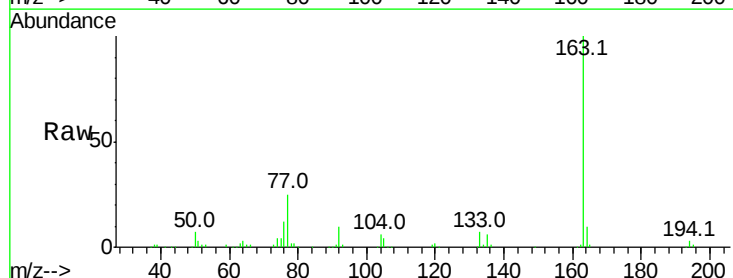
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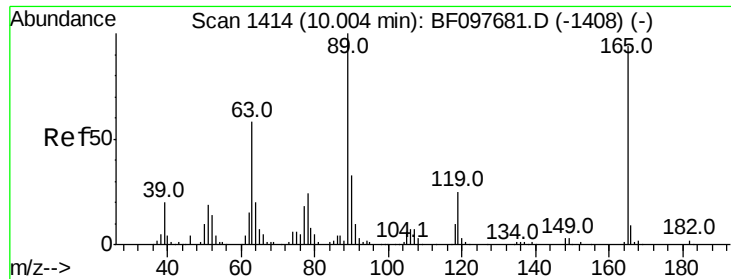
Tot Ion:172 Resp: 904900
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 11.958 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.04 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

Tgt Ion:163 Resp: 171254
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.9 8.4 12.6

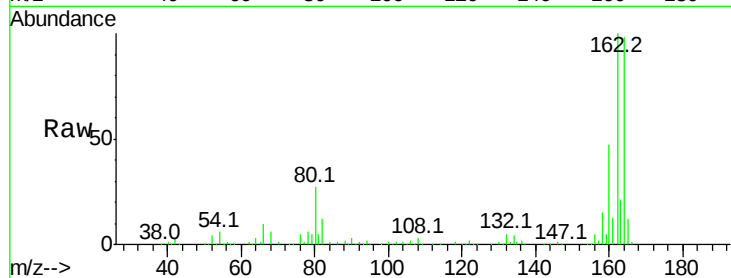




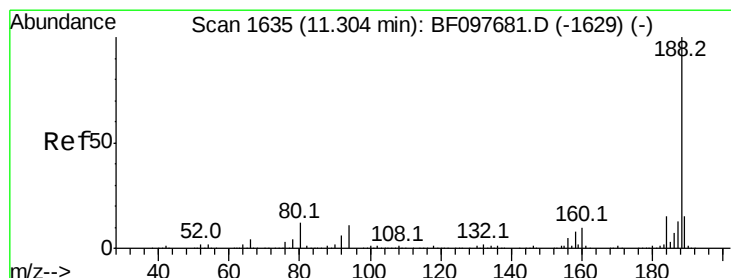
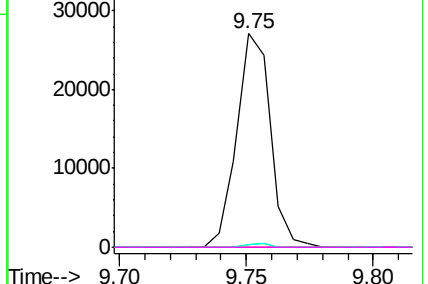
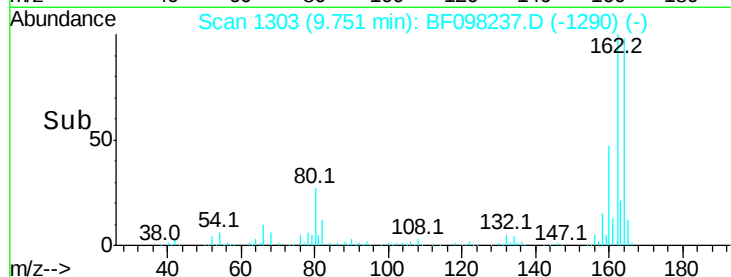
#56
 2,4-Dinitrotoluene
 Concen: 6.978 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.22 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1-COMP

Tot Ion:165 Resp: 25034
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.5 46.4 69.6#
 182 0.0 1.8 2.6#

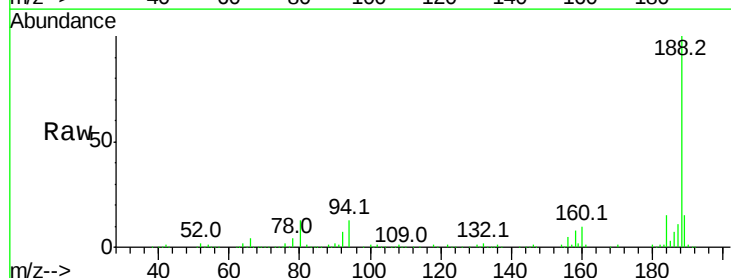


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

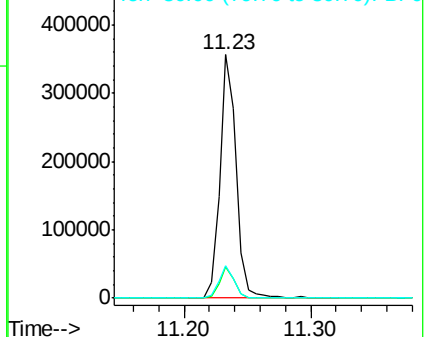
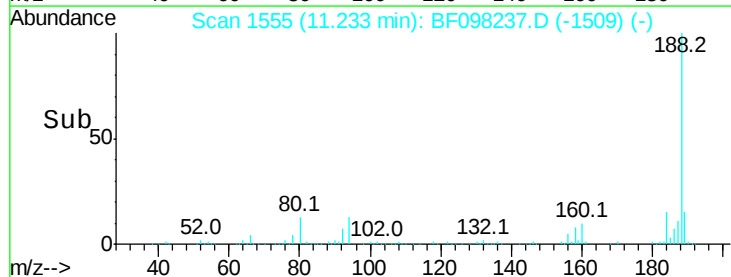


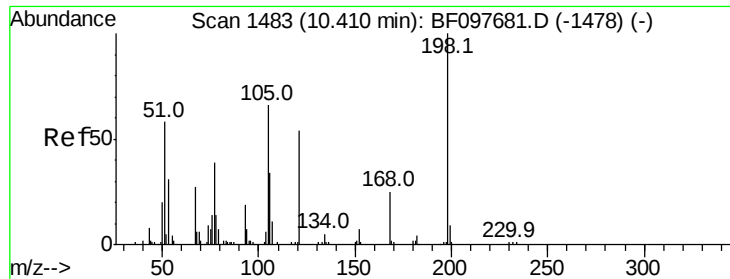
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.03 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

Tgt Ion:188 Resp: 319967
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.4 14.2
 80 13.4 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: 8.507 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.16 min

Lab File: BF098237.D

Acq: 1 Sep 2017 20:04

Instrument :

BNA_F

ClientSampleId :

TEC-B1-COMP

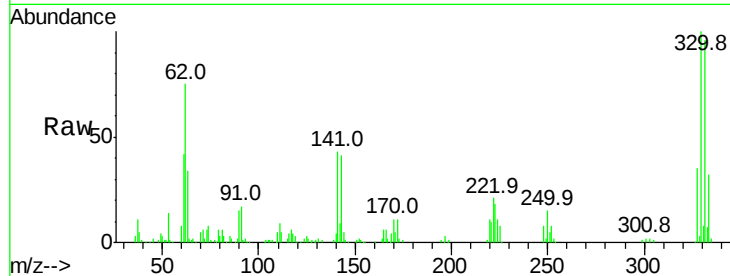
Tot Ion:198 Resp: 339

Ion Ratio Lower Upper

198 100

51 182.1 53.2 93.2#

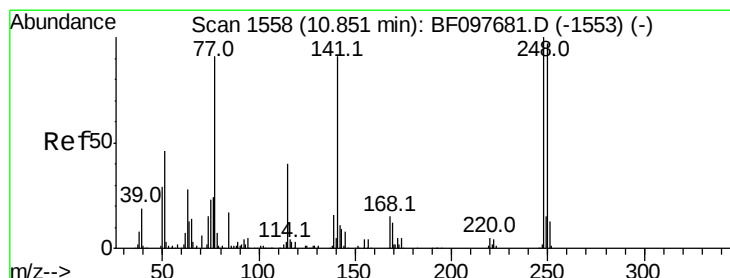
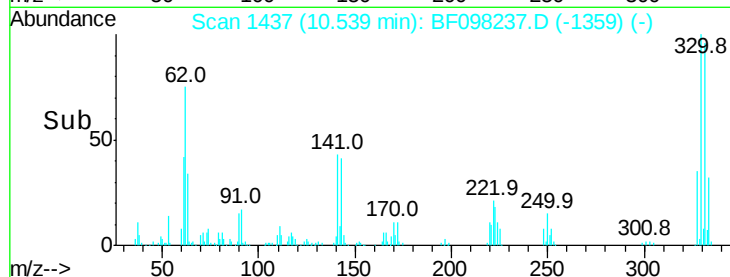
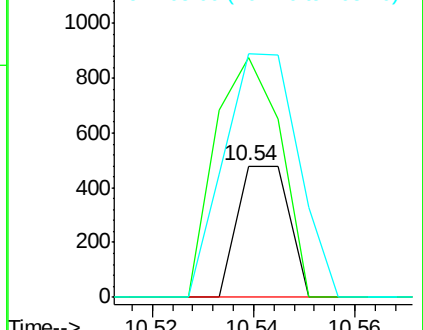
105 185.2 45.8 85.8#



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: 3.587 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.27 min

Lab File: BF098237.D

Acq: 1 Sep 2017 20:04

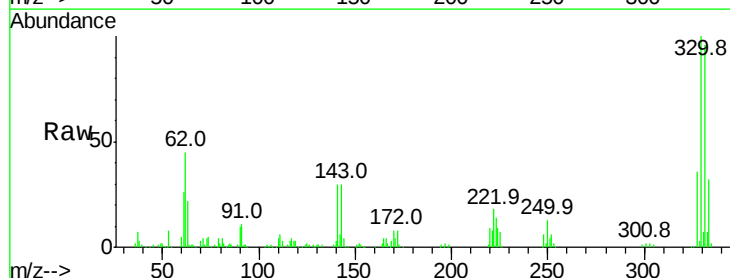
Tgt Ion:248 Resp: 11920

Ion Ratio Lower Upper

248 100

250 200.5 76.8 115.2#

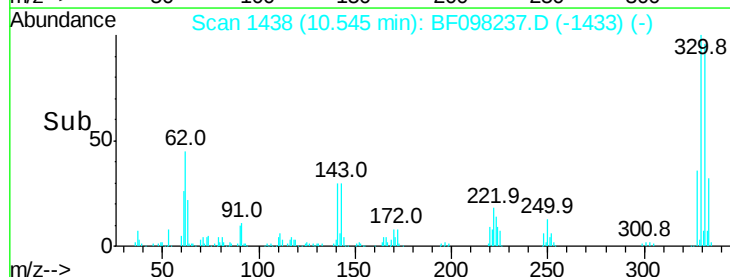
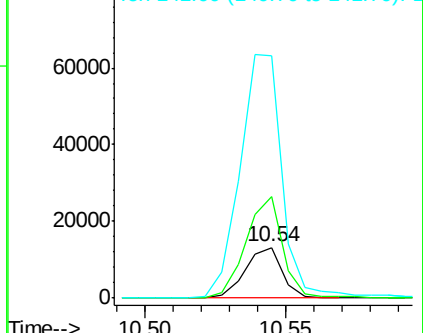
141 481.2 68.6 103.0#

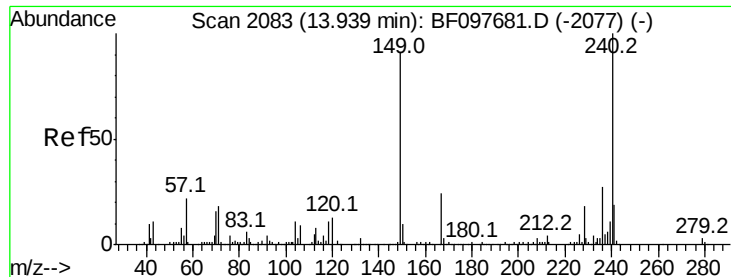


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098237.D

Acq: 1 Sep 2017 20:04

Instrument :

BNA_F

ClientSampleId :

TEC-B1-COMP

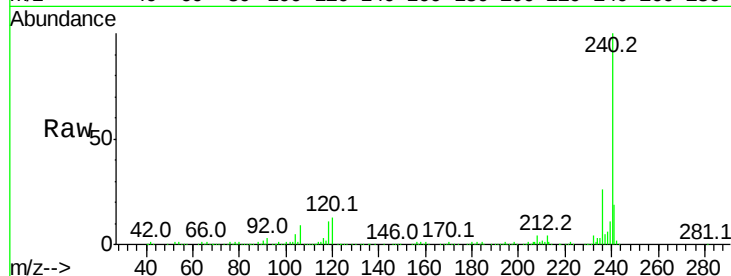
Tot Ion:240 Resp: 247855

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

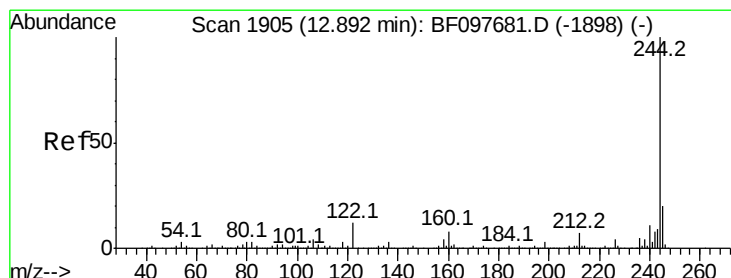
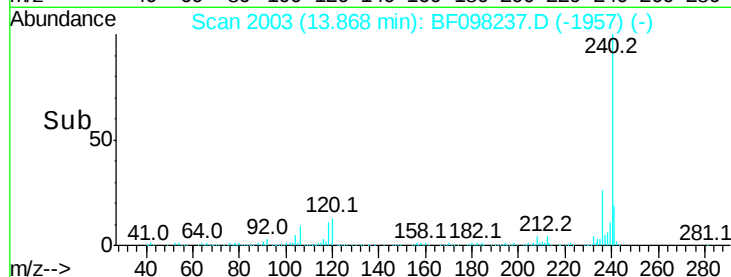
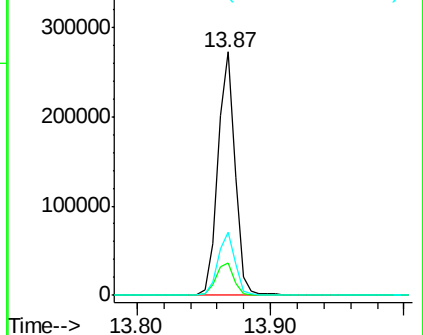
236 25.8 20.5 30.7



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: 47.889 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098237.D

Acq: 1 Sep 2017 20:04

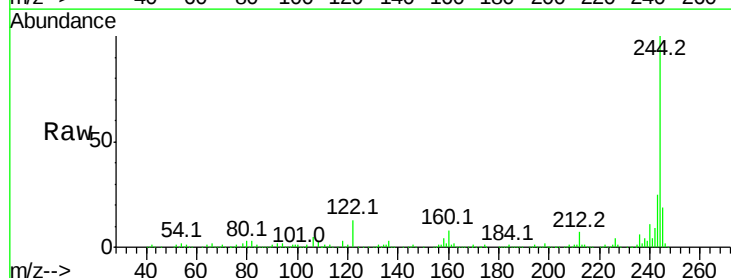
Tgt Ion:244 Resp: 569195

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

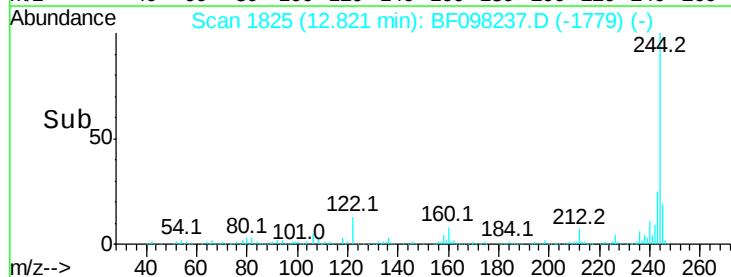
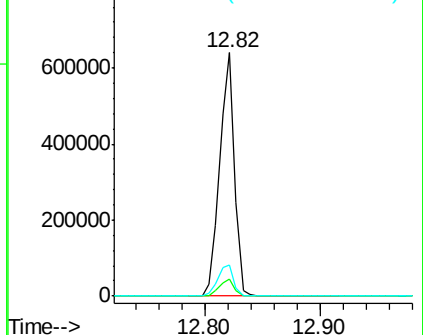
122 13.0 10.3 15.5

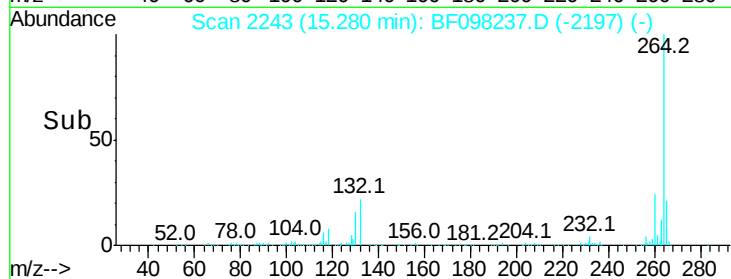
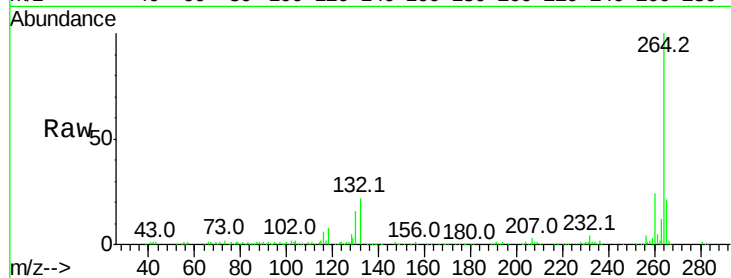
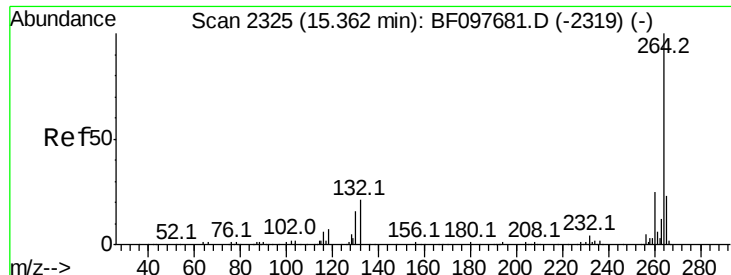


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098237.D
 Acq: 1 Sep 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.8	17.2	25.8

