

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
 Data File : BG038128.D
 Acq On : 21 Nov 2018 22:13
 Operator : JU/SJ
 Sample : J5768-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-112018

Quant Time: Nov 22 01:23:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

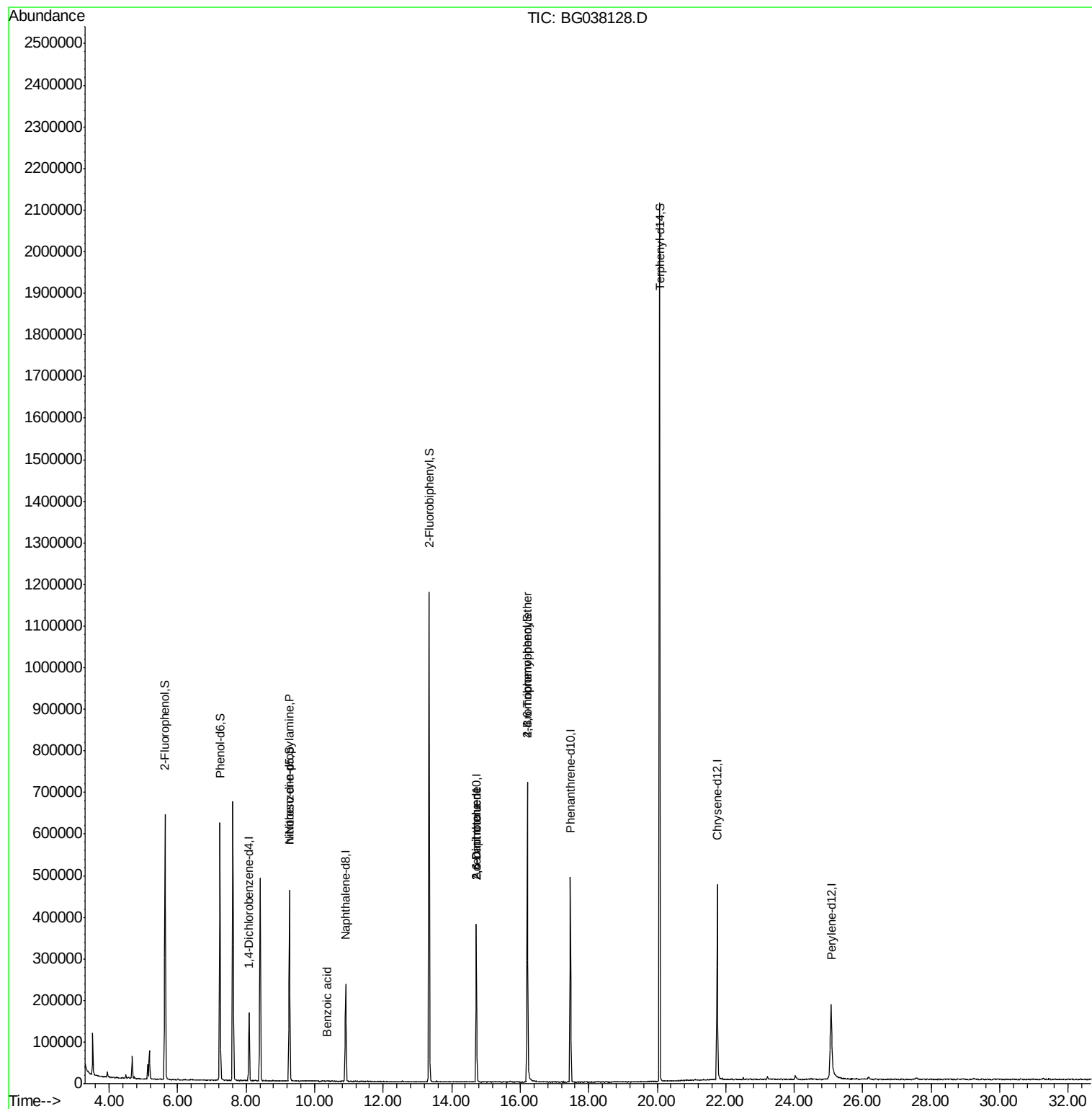
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	46221	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	204741	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	133897	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	307945	20.00	ng	0.00
76) Chrysene-d12	21.75	240	295172	20.00	ng	0.00
87) Perylene-d12	25.08	264	259725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	286561	107.04	ng	0.00
7) Phenol-d6	7.23	99	377882	98.89	ng	0.00
23) Nitrobenzene-d5	9.26	82	287872	75.27	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	145690	95.41	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	644299	70.10	ng	0.00
79) Terphenyl-d14	20.07	244	1058327	84.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	37497	13.561	ng	# 73
32) Benzoic acid	10.35	122	53	12.354	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	16811	6.997	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	16811	5.143	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	10396	3.076	ng	# 1

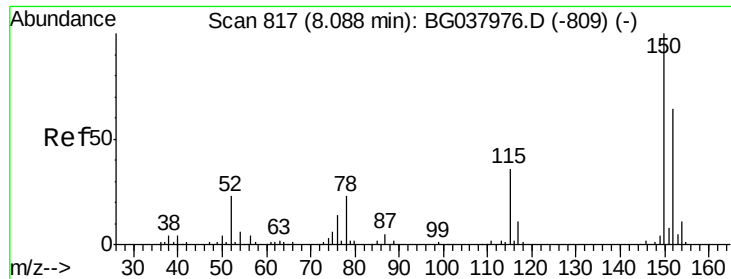
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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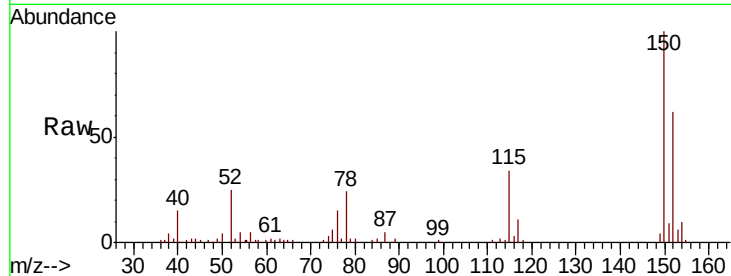


#1

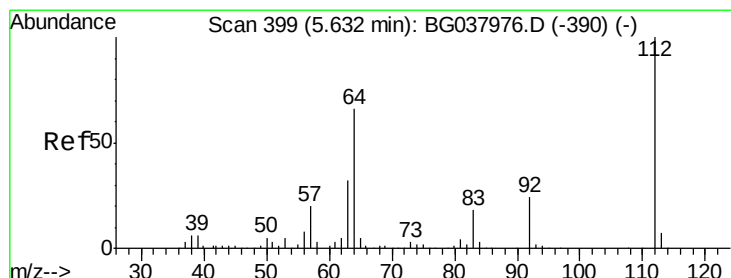
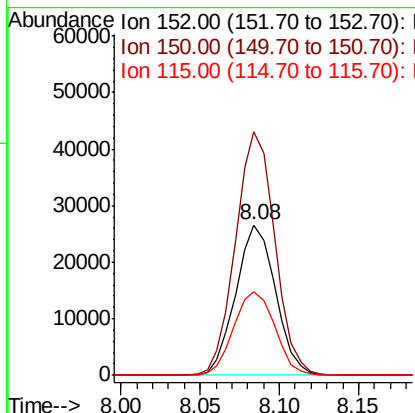
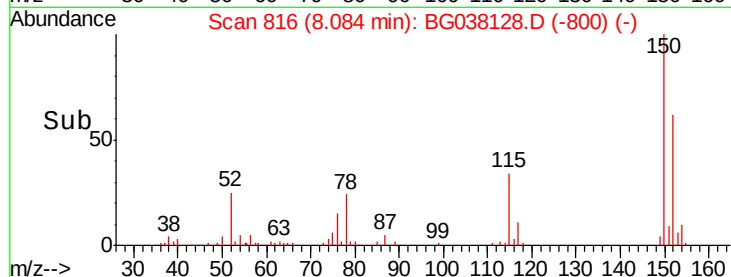
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

Instrument :
BNA_G
ClientSampleId :
OK-03-112018

Tgt Ion:152 Resp: 46221
Ion Ratio Lower Upper
152 100
150 161.8 126.0 189.0
115 55.7 45.5 68.3



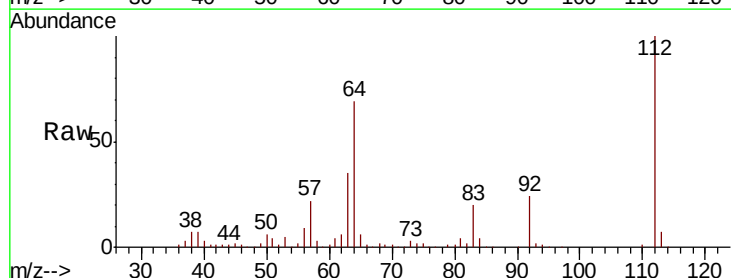
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



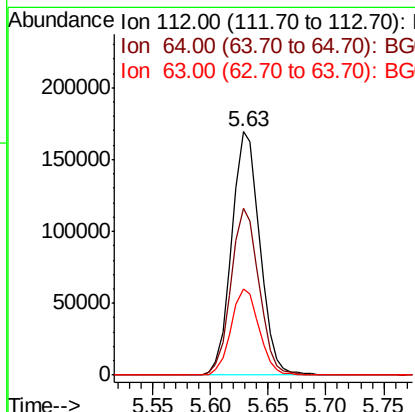
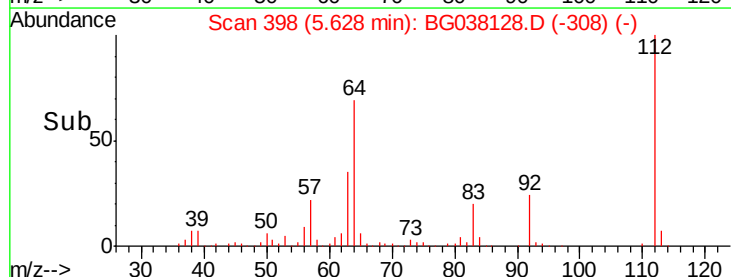
#5

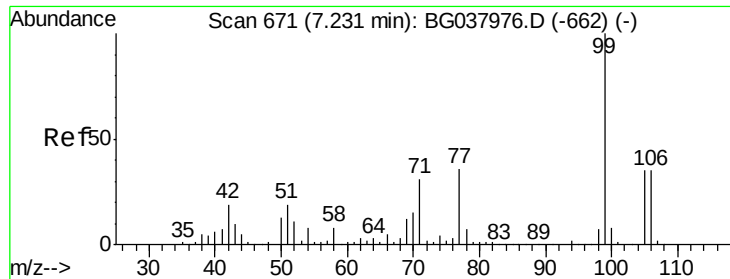
2-Fluorophenol
Concen: 107.044 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

Tgt Ion:112 Resp: 286561
Ion Ratio Lower Upper
112 100
64 68.6 53.1 79.7
63 35.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.888 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Instrument :

BNA_G

ClientSampled :

OK-03-112018

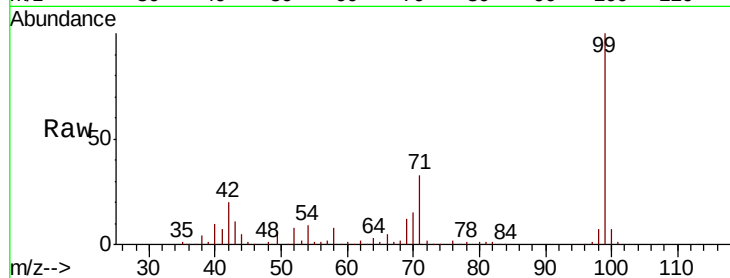
Tgt Ion: 99 Resp: 377882

Ion Ratio Lower Upper

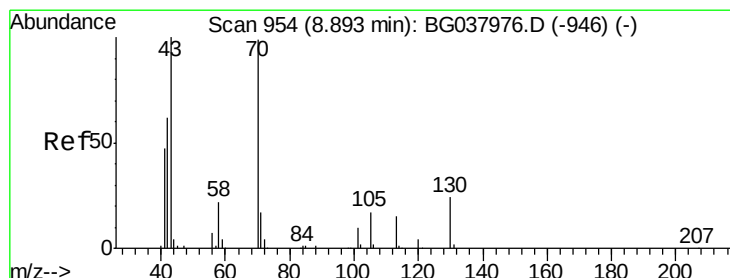
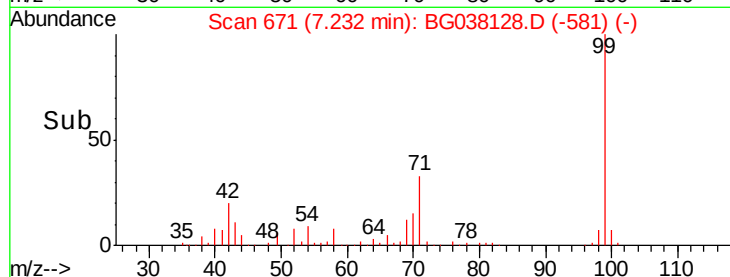
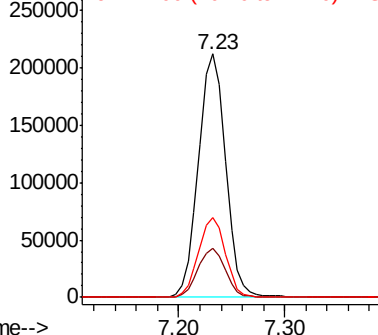
99 100

42 19.9 15.0 22.4

71 32.6 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.561 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Tgt Ion: 70 Resp: 37497

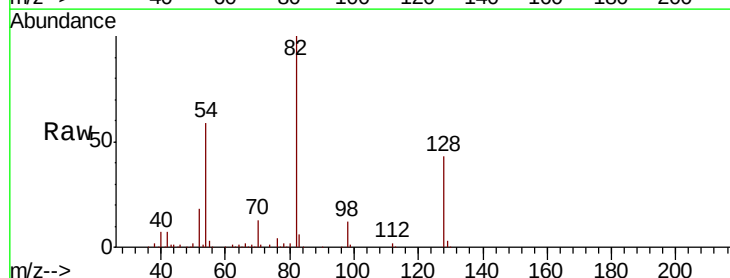
Ion Ratio Lower Upper

70 100

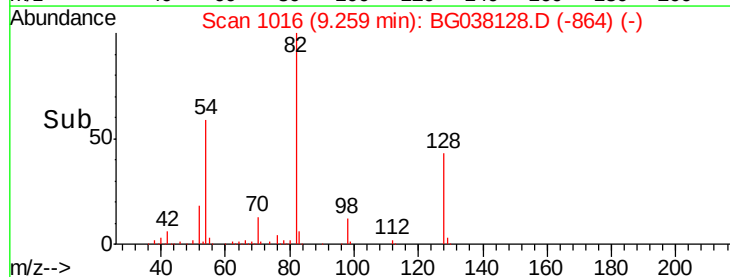
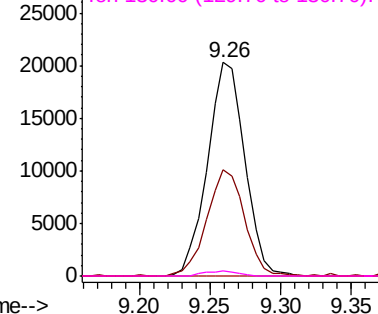
42 49.9 53.9 80.9#

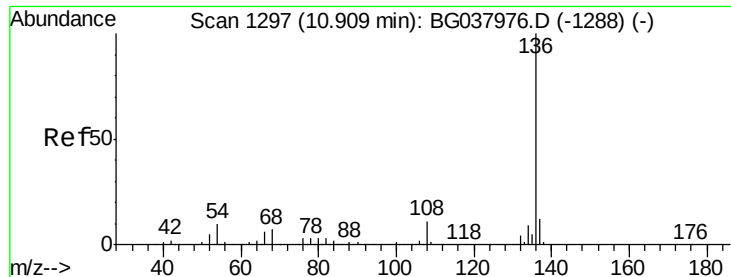
101 0.0 8.2 12.2#

130 2.6 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

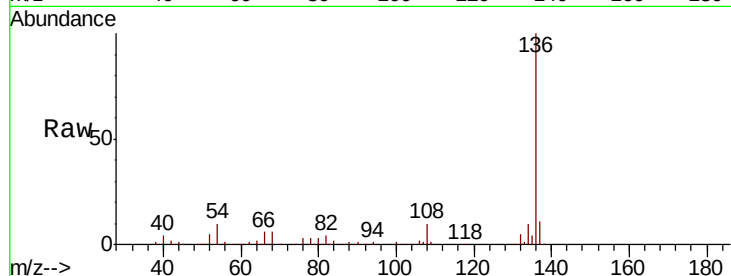




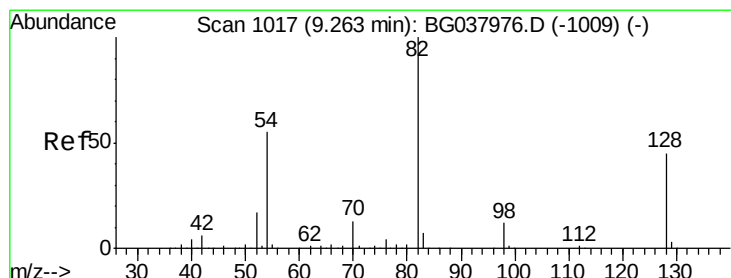
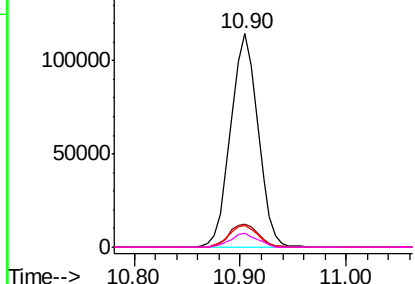
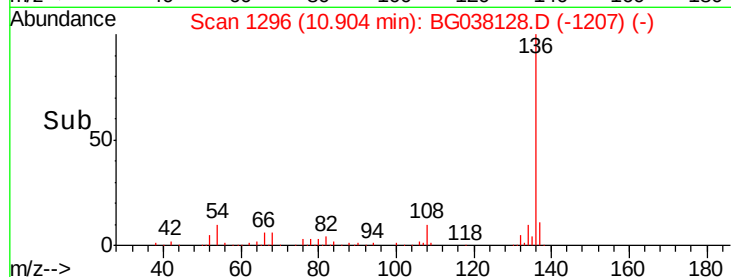
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

Instrument :
BNA_G
ClientSampleId :
OK-03-112018

Tgt Ion:	136	Resp:	204741
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.2	7.9	11.9
68	6.5	4.8	7.2

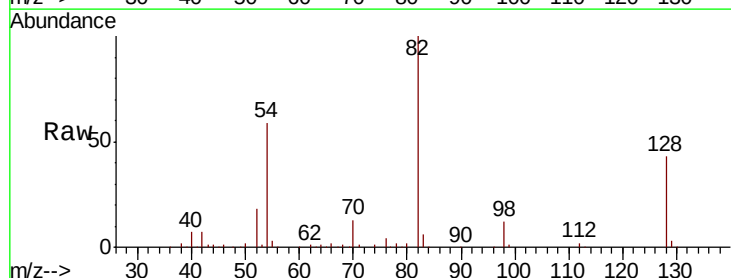


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

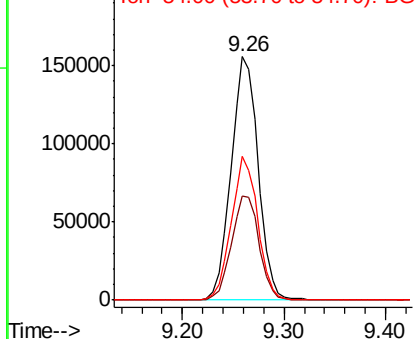
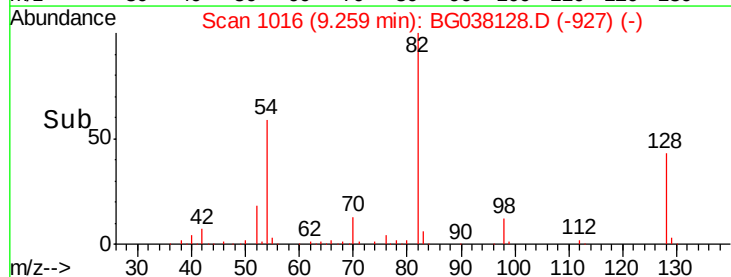


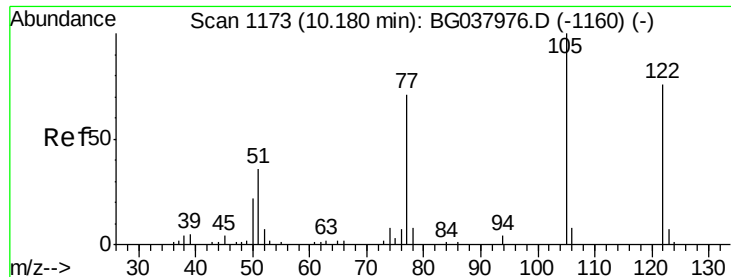
#23
Nitrobenzene-d5
Concen: 75.265 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

Tgt Ion:	82	Resp:	287872
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	58.9	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 12.354 ng

RT: 10.35 min Scan# 1202

Delta R.T. 0.17 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Instrument :

BNA_G

ClientSampleId :

OK-03-112018

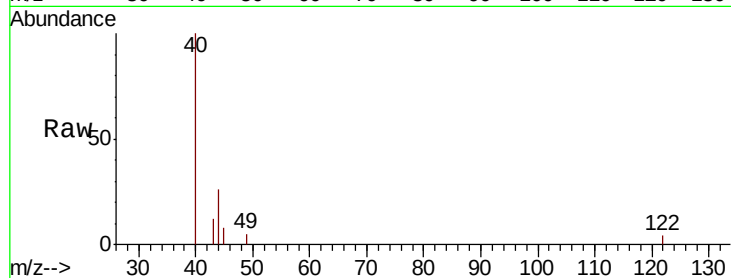
Tgt Ion:122 Resp: 53

Ion Ratio Lower Upper

122 100

105 0.0 106.7 146.7#

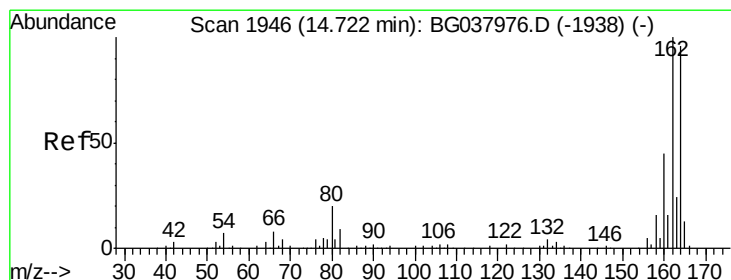
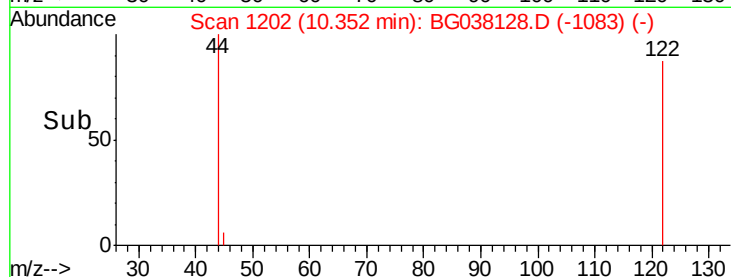
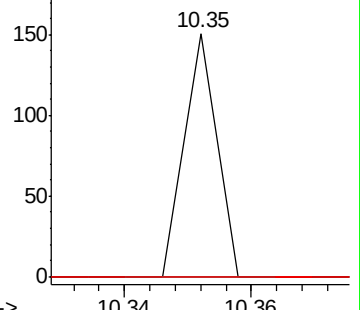
77 0.0 72.2 112.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

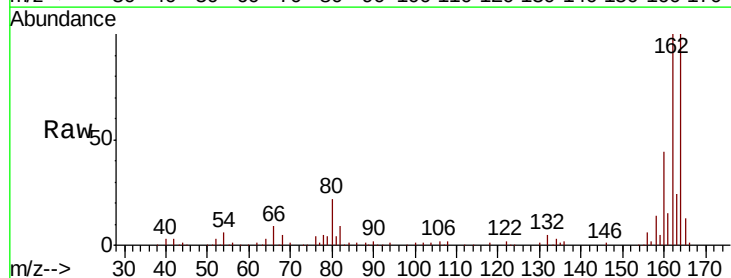
Tgt Ion:164 Resp: 133897

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

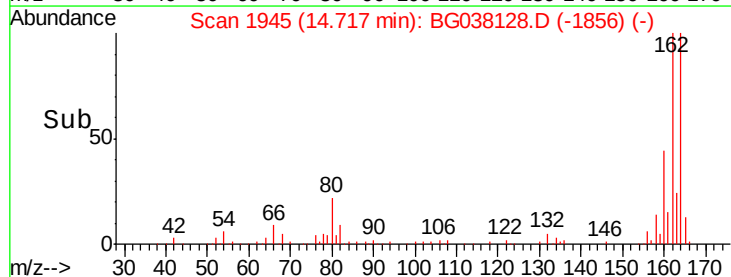
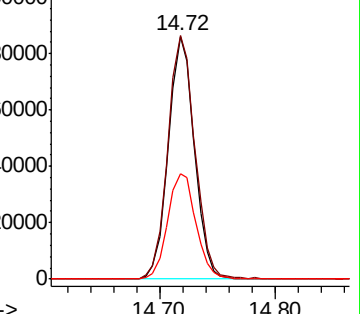
160 43.7 36.3 54.5

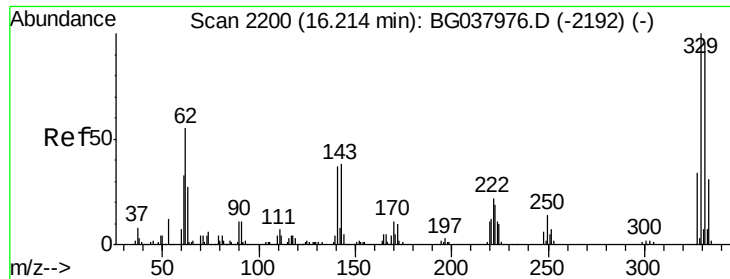


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 95.405 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Instrument :

BNA_G

ClientSampleId :

OK-03-112018

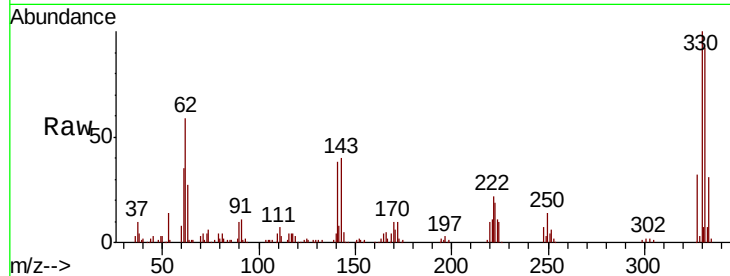
Tgt Ion:330 Resp: 145690

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

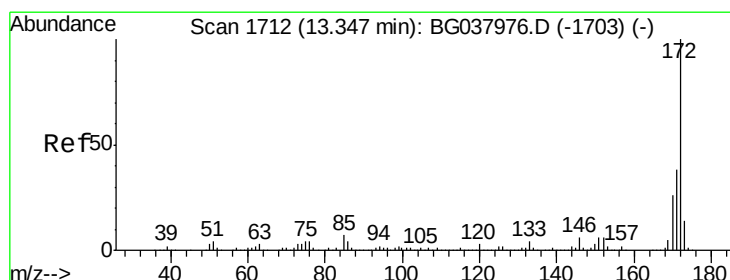
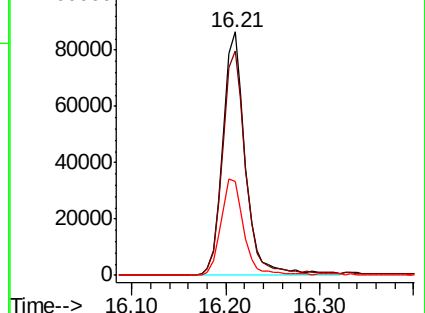
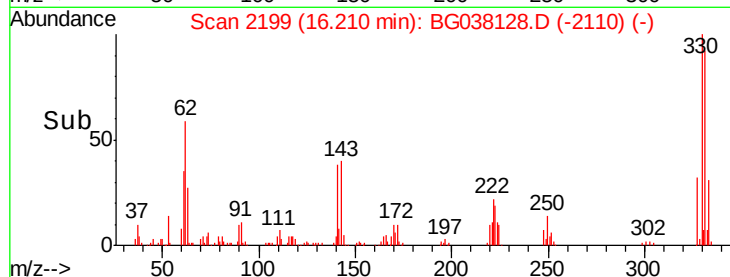
141 40.2 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 70.102 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

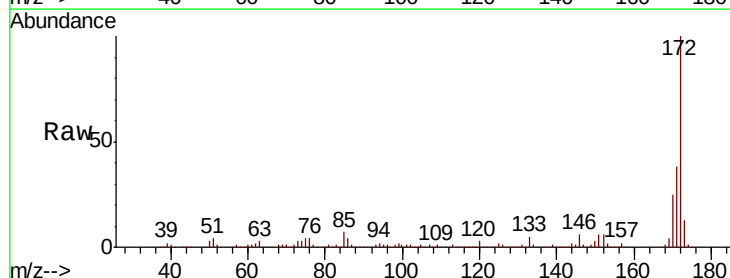
Tgt Ion:172 Resp: 644299

Ion Ratio Lower Upper

172 100

171 37.6 31.0 46.4

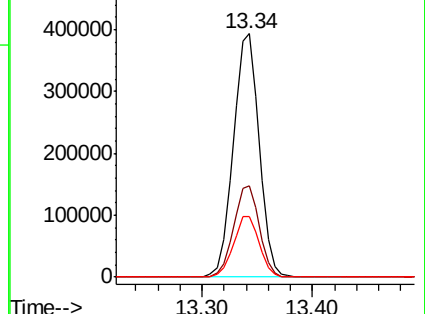
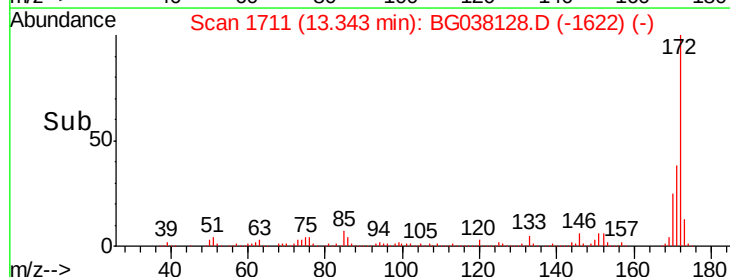
170 24.7 20.2 30.2

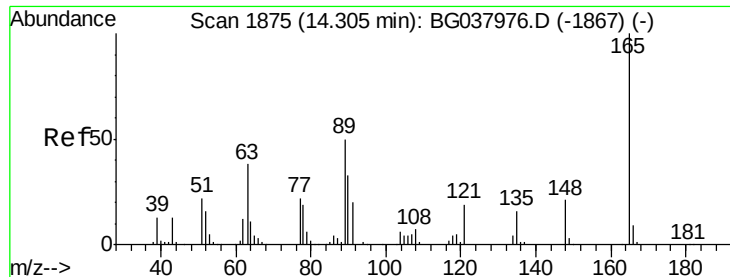


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

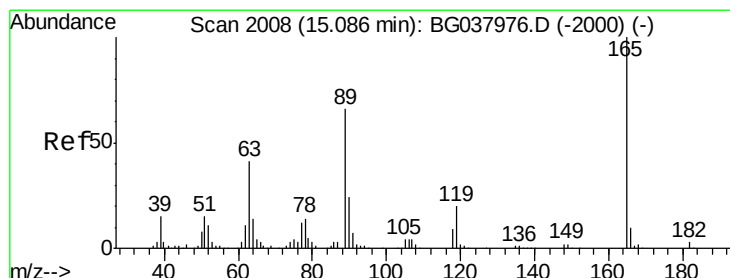
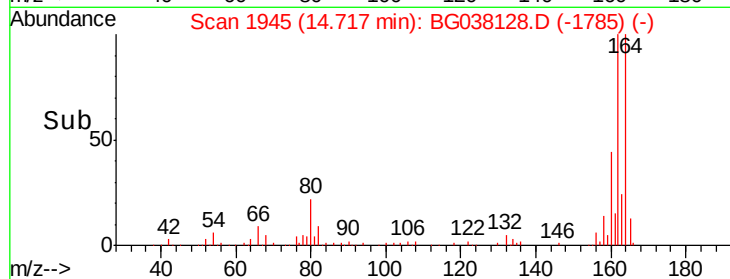
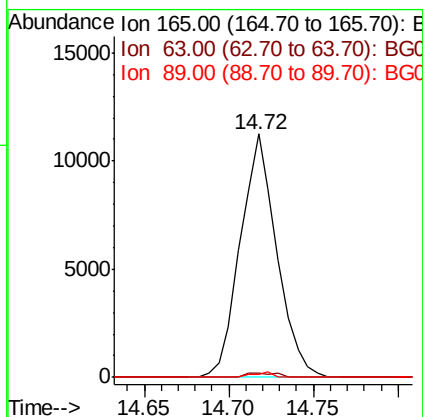
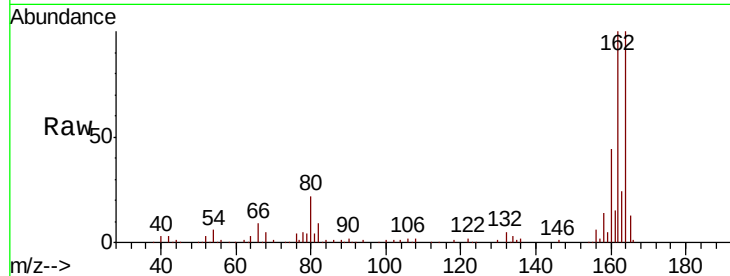




#51
 2,6-Dinitrotoluene
 Concen: 6.997 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038128.D
 Acq: 21 Nov 2018 22:13

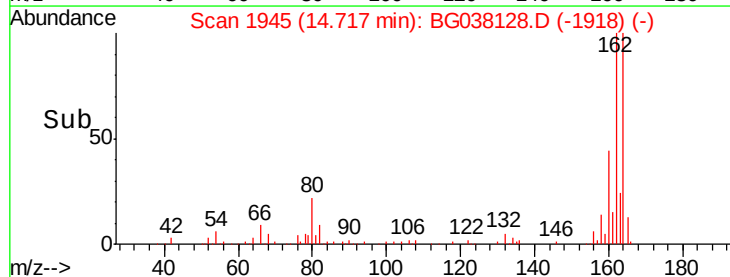
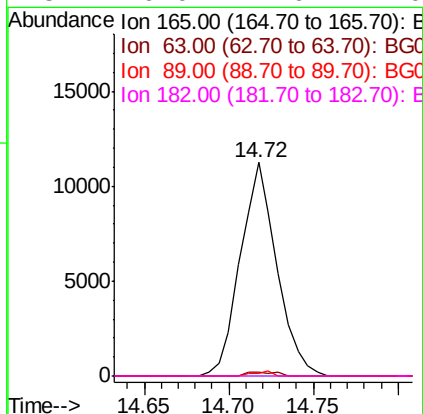
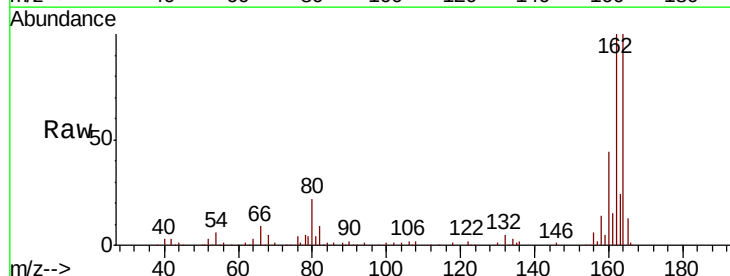
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-112018

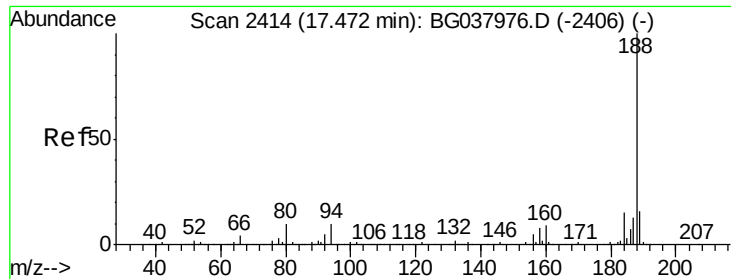
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.2#
89	1.4	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.143 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038128.D
 Acq: 21 Nov 2018 22:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

Instrument :

BNA_G

ClientSampleId :

OK-03-112018

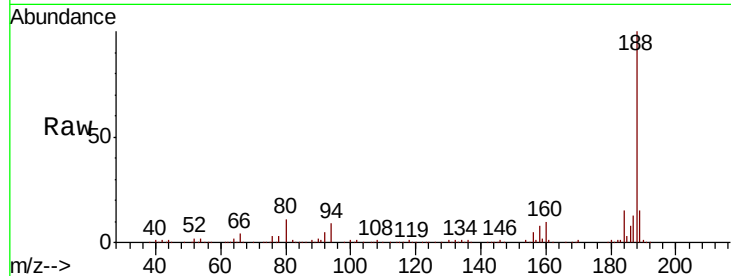
Tgt Ion:188 Resp: 307945

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

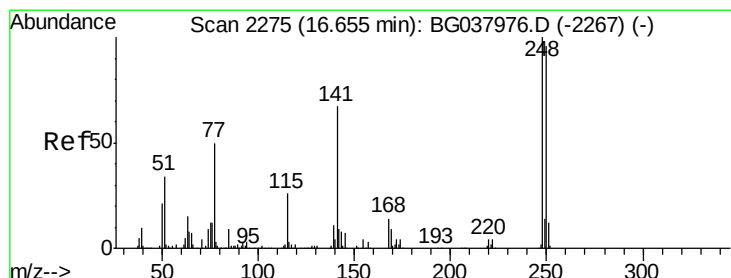
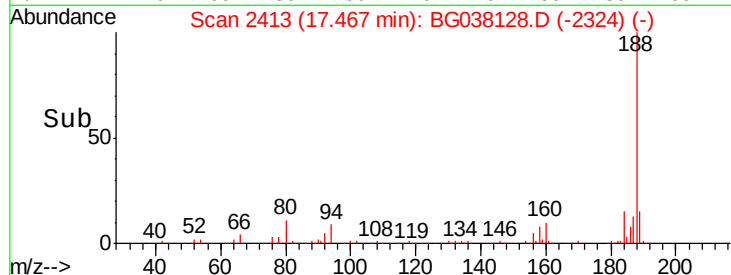
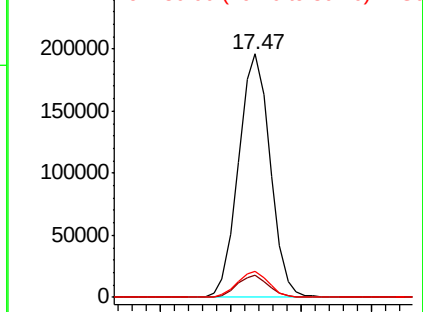
80 10.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.076 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG038128.D

Acq: 21 Nov 2018 22:13

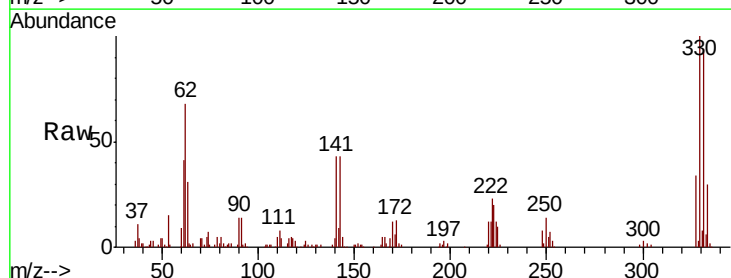
Tgt Ion:248 Resp: 10396

Ion Ratio Lower Upper

248 100

250 186.6 77.0 115.6#

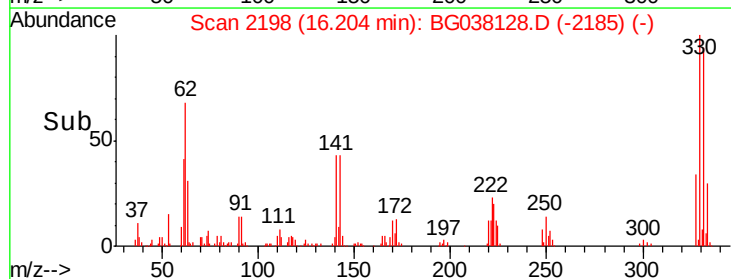
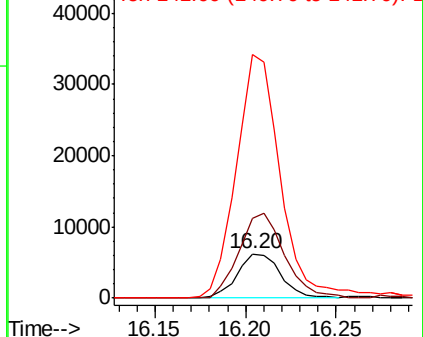
141 427.2 55.5 83.3#

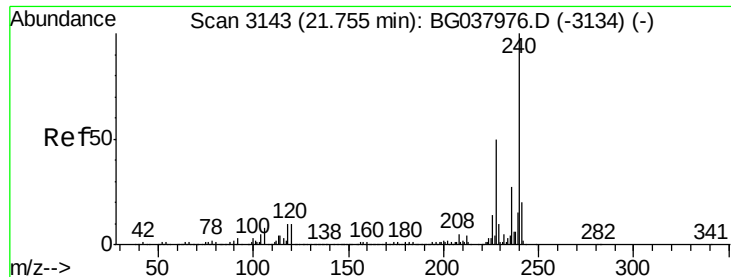


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

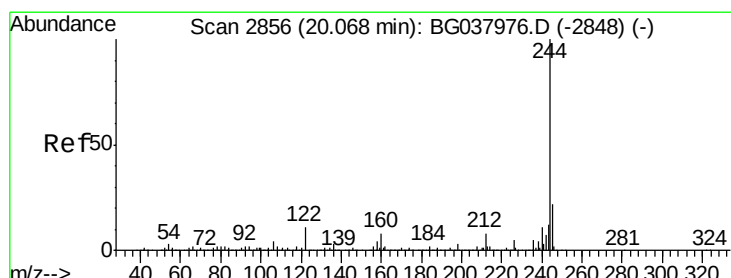
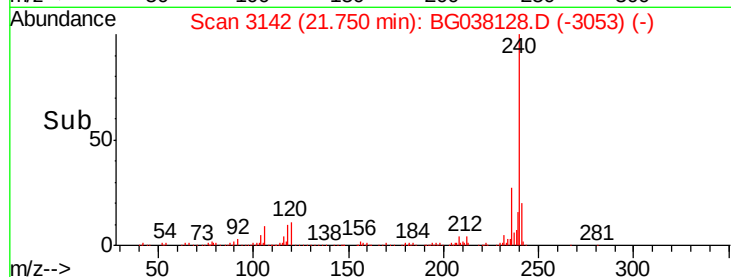
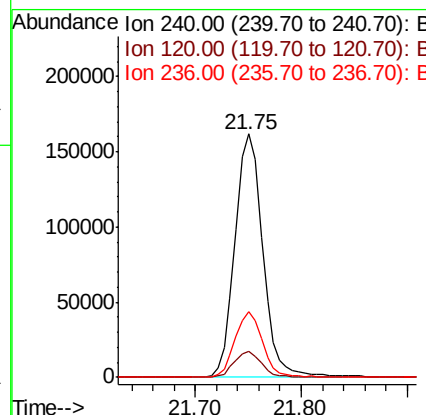
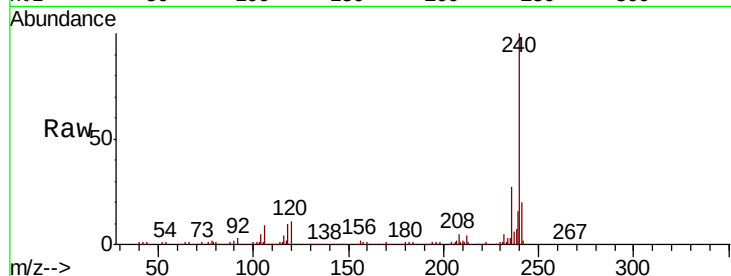




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

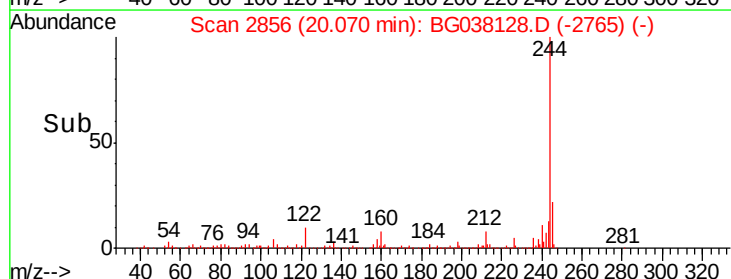
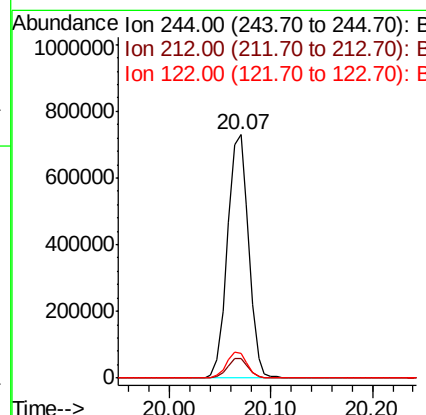
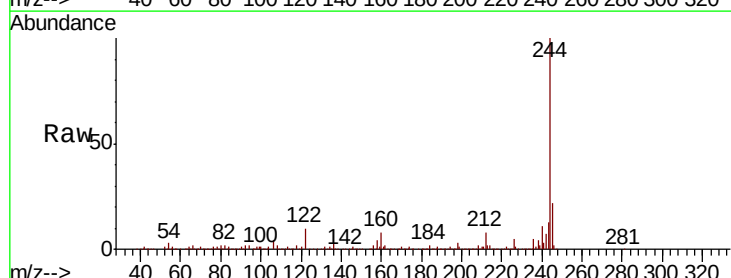
Instrument :
BNA_G
ClientSampleId :
OK-03-112018

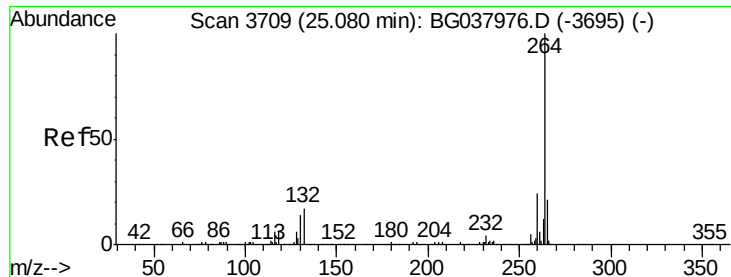
Tgt Ion:240 Resp: 295172
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 84.366 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

Tgt Ion:244 Resp: 1058327
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 10.3 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038128.D
Acq: 21 Nov 2018 22:13

Instrument :
BNA_G
ClientSampleId :
OK-03-112018

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	20.2	17.9	26.9

