

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038104.D
 Acq On : 21 Nov 2018 4:37
 Operator : JU/SJ
 Sample : J5763-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-B

Quant Time: Nov 21 07:22:07 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

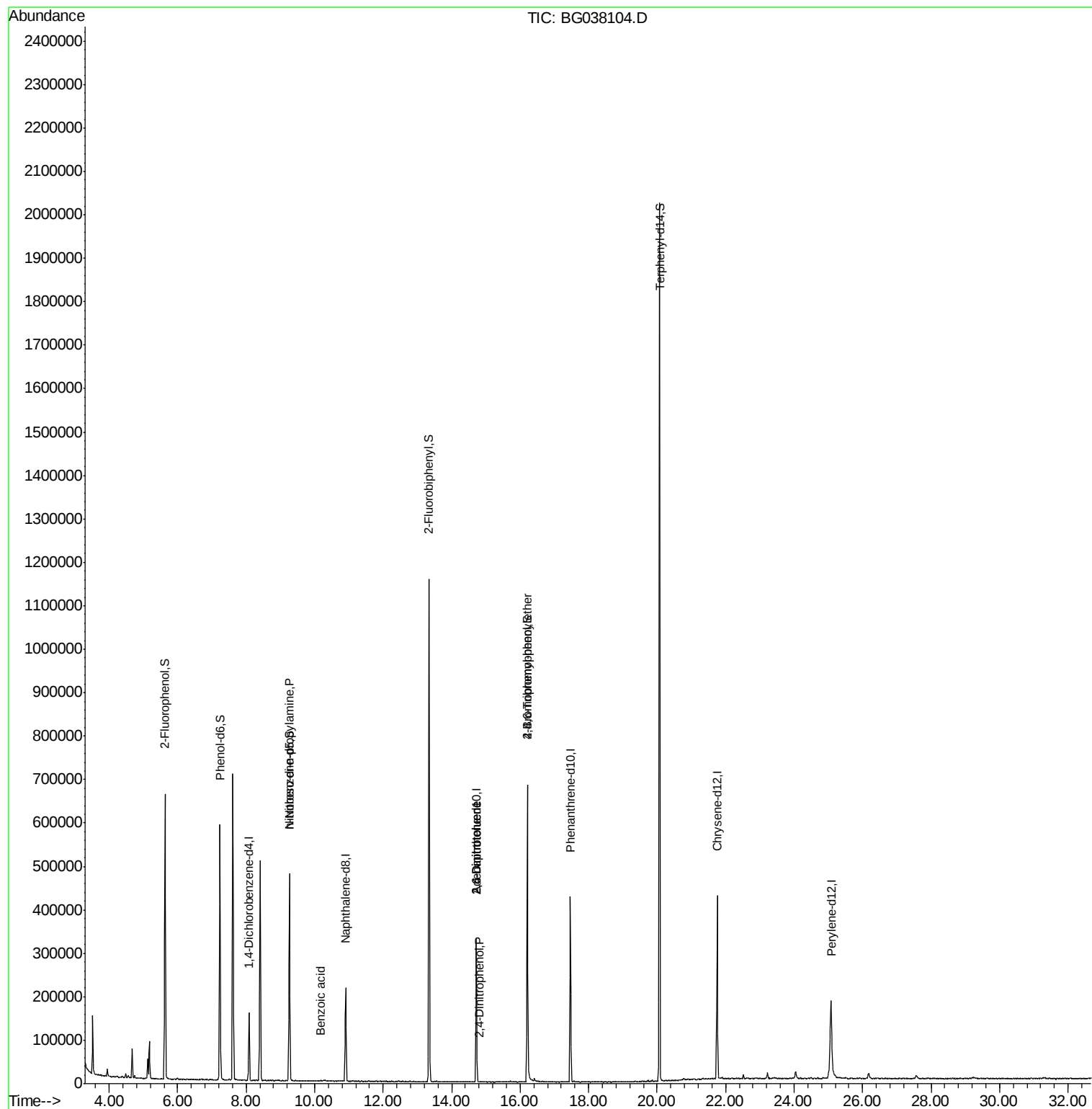
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44756	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	186443	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	118511	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	270069	20.00	ng	0.00
76) Chrysene-d12	21.75	240	263277	20.00	ng	0.00
87) Perylene-d12	25.08	264	256135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	294303	113.53	ng	0.00
7) Phenol-d6	7.23	99	366751	99.12	ng	0.00
23) Nitrobenzene-d5	9.26	82	297463	85.41	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	133800	98.99	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	638814	78.53	ng	0.00
79) Terphenyl-d14	20.07	244	1023054	91.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	38911	14.533	ng	# 74
32) Benzoic acid	10.17	122	62	12.360	ng	# 20
51) 2,6-Dinitrotoluene	14.72	165	15627	7.349	ng	# 25
54) 2,4-Dinitrophenol	14.81	184	64	9.333	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15627	5.401	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	9401	3.171	ng	# 1

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

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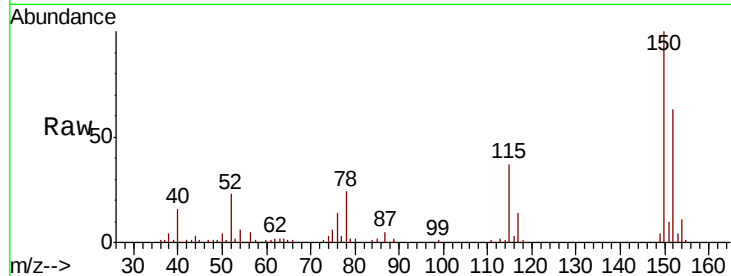


#1

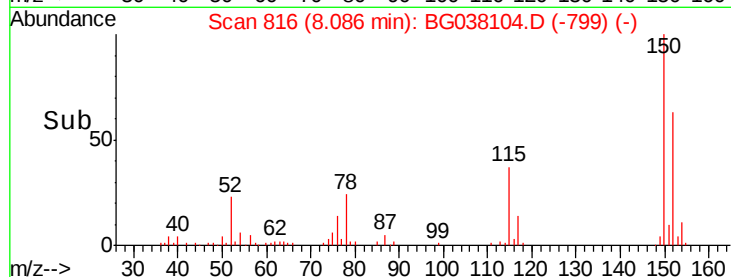
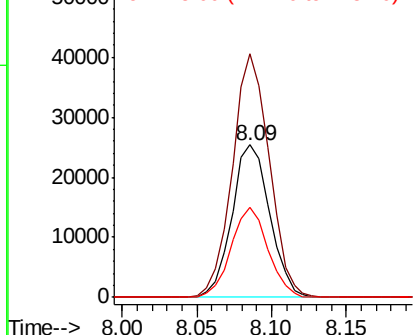
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:152 Resp: 44756
Ion Ratio Lower Upper
152 100
150 159.9 126.0 189.0
115 58.8 45.5 68.3



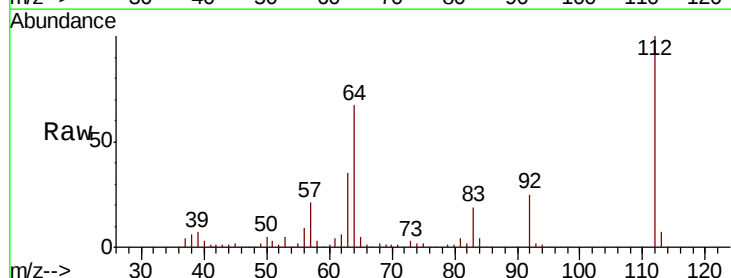
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



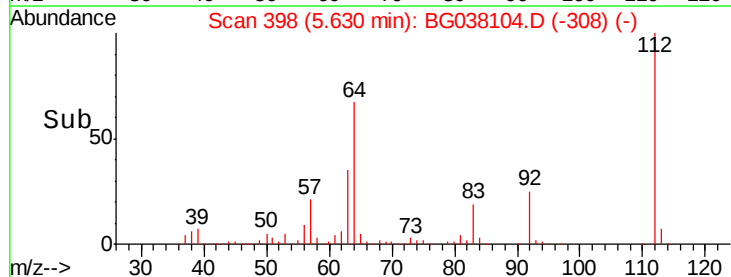
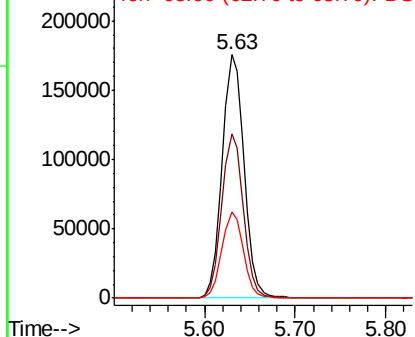
#5

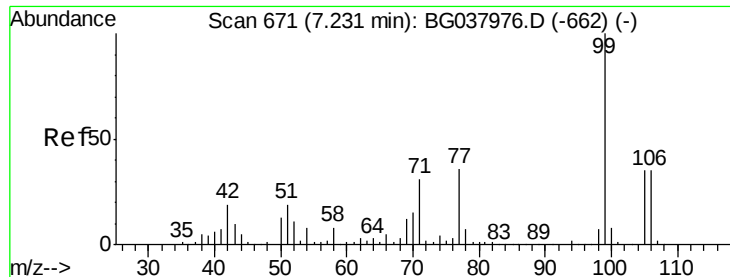
2-Fluorophenol
Concen: 113.534 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:112 Resp: 294303
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 35.4 27.3 40.9



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





#7

Phenol-d6

Concen: 99.116 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

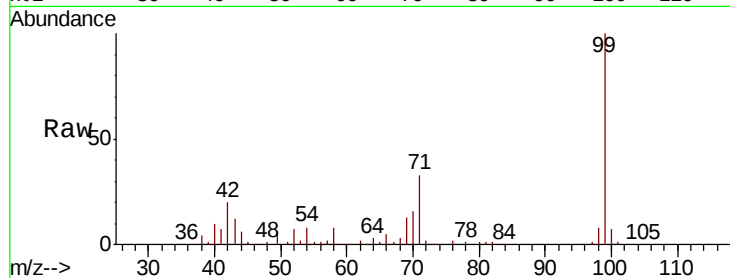
Tgt Ion: 99 Resp: 366751

Ion Ratio Lower Upper

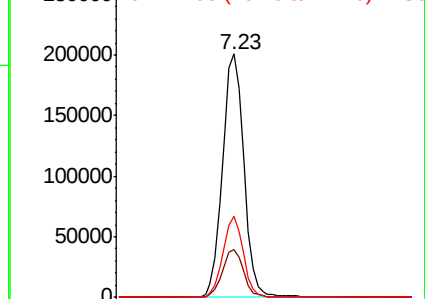
99 100

42 19.6 15.0 22.4

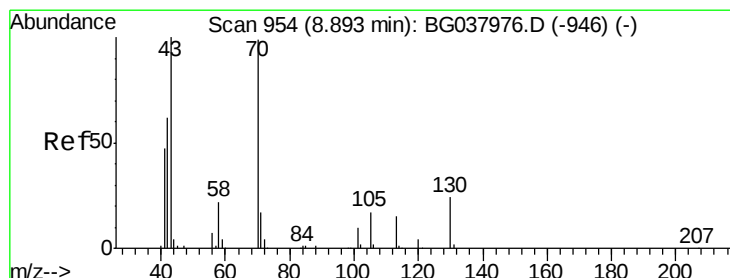
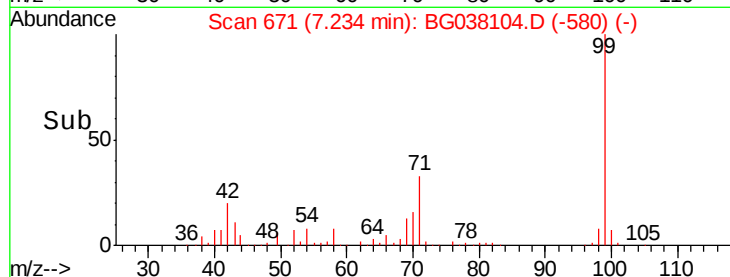
71 33.3 25.5 38.3



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



Time--> 7.10 7.20 7.30 7.40



#19

n-Nitroso-di-n-propylamine

Concen: 14.533 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Tgt Ion: 70 Resp: 38911

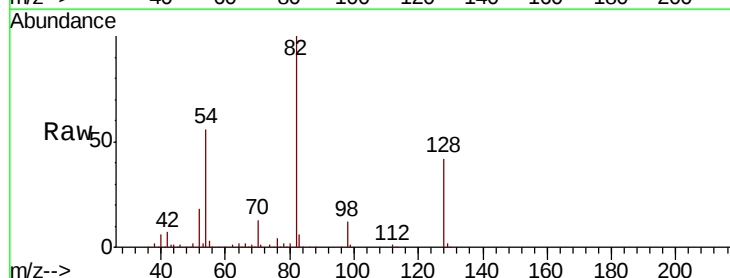
Ion Ratio Lower Upper

70 100

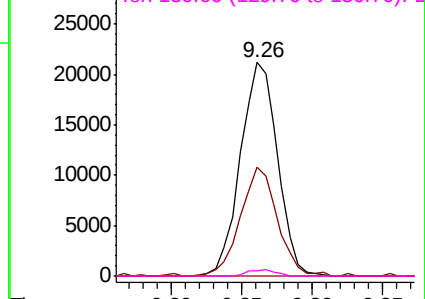
42 50.8 53.9 80.9#

101 0.0 8.2 12.2#

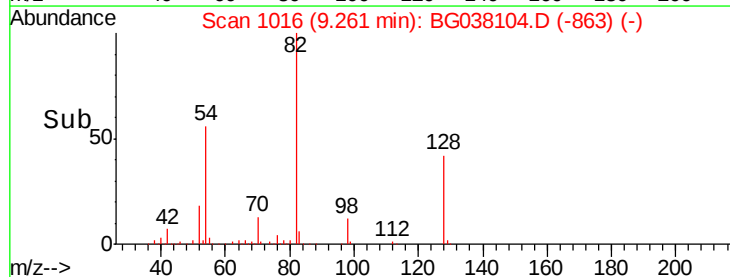
130 2.1 18.2 27.4#



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



Time--> 9.20 9.25 9.30 9.35

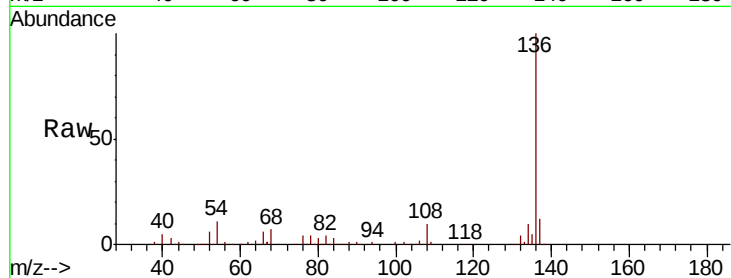




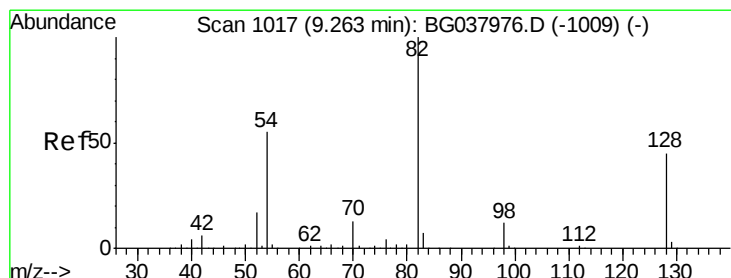
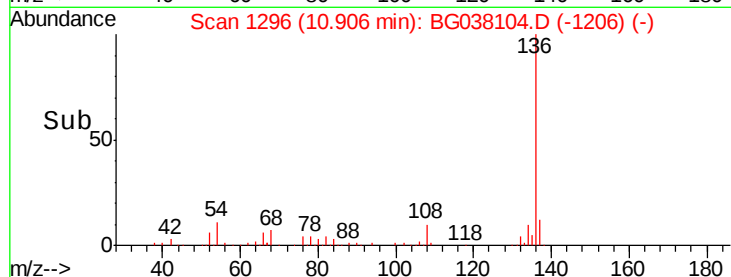
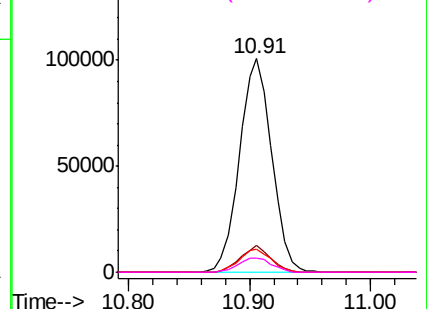
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:	136	Resp:	186443
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	11.0	7.9	11.9
68	6.8	4.8	7.2

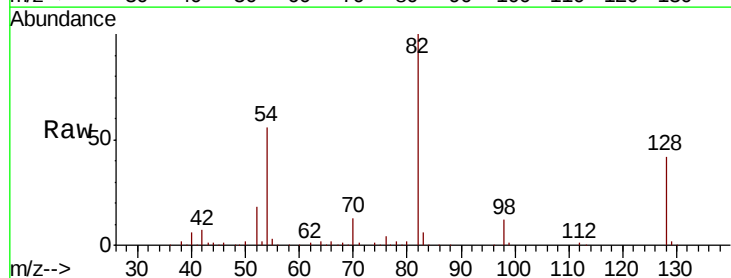


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

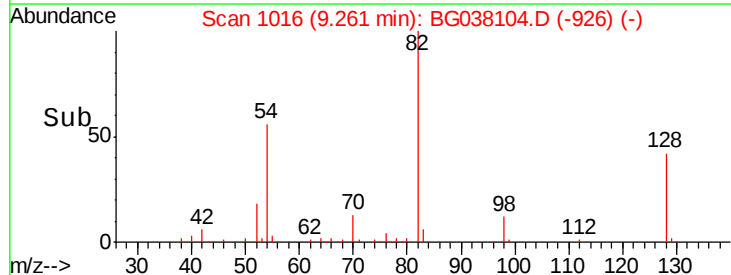
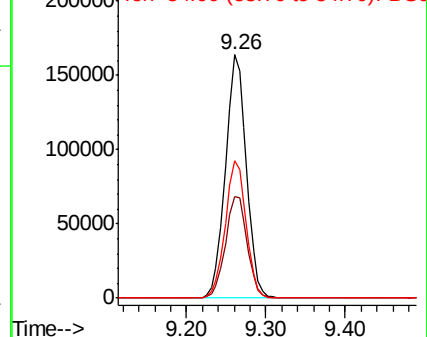


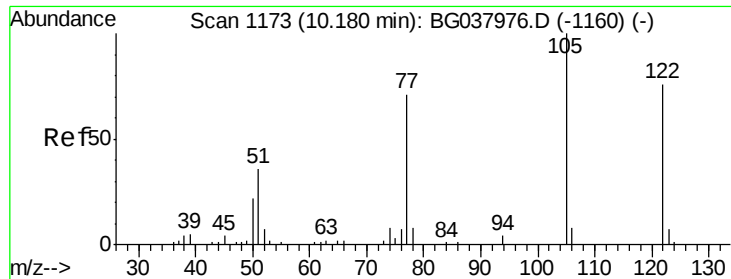
#23
Nitrobenzene-d5
Concen: 85.406 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:	82	Resp:	297463
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	56.4	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: 12.360 ng

RT: 10.17 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

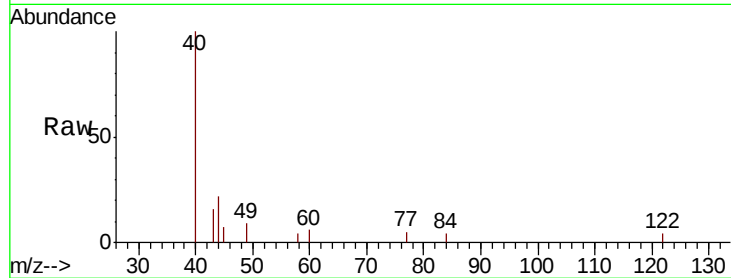
Tgt Ion:122 Resp: 62

Ion Ratio Lower Upper

122 100

105 0.0 106.7 146.7#

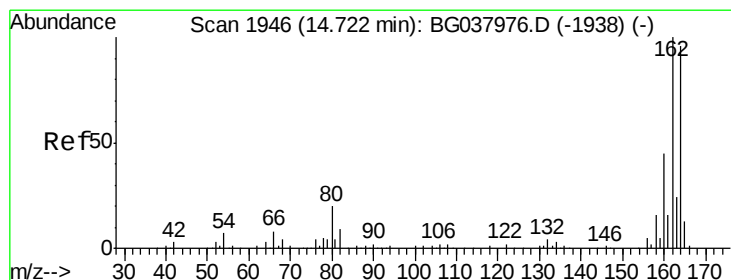
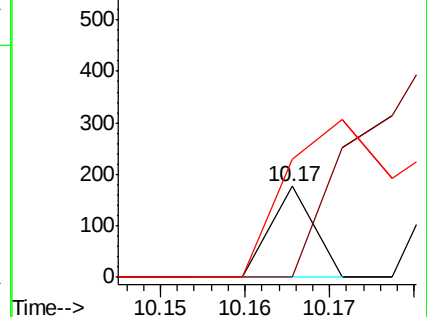
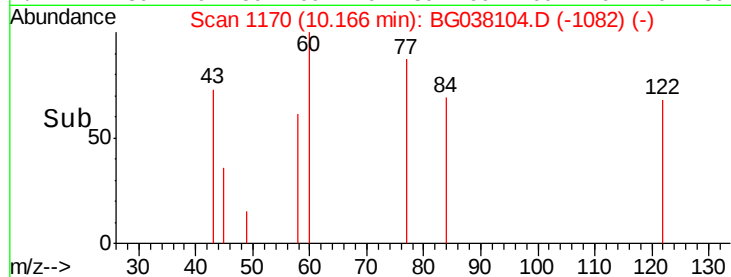
77 129.4 72.2 112.2#



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: BG038104.D

Acq: 21 Nov 2018 4:37

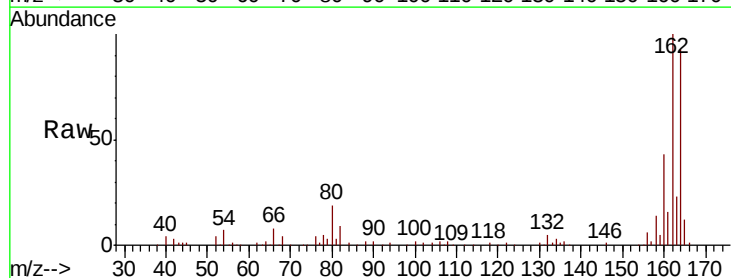
Tgt Ion:164 Resp: 118511

Ion Ratio Lower Upper

164 100

162 107.3 81.3 121.9

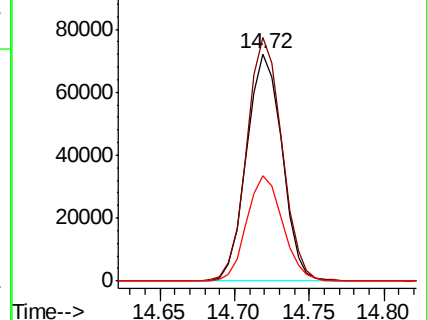
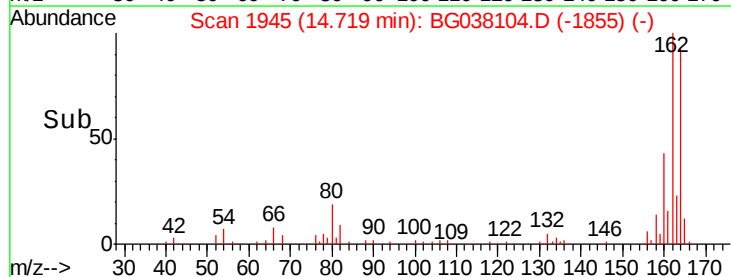
160 46.5 36.3 54.5

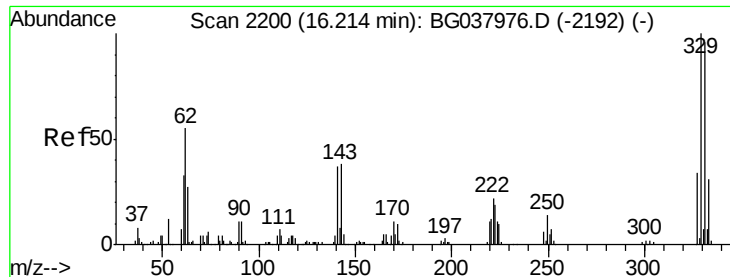


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 98.995 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

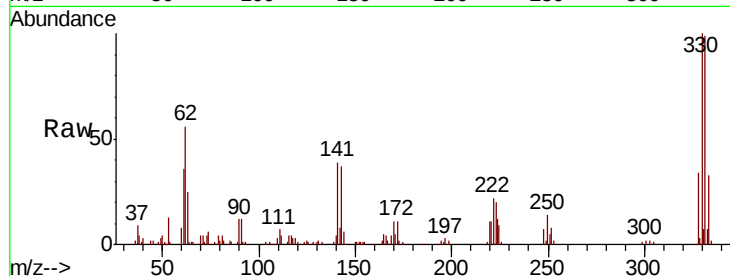
Tgt Ion:330 Resp: 133800

Ion Ratio Lower Upper

330 100

332 98.1 78.4 117.6

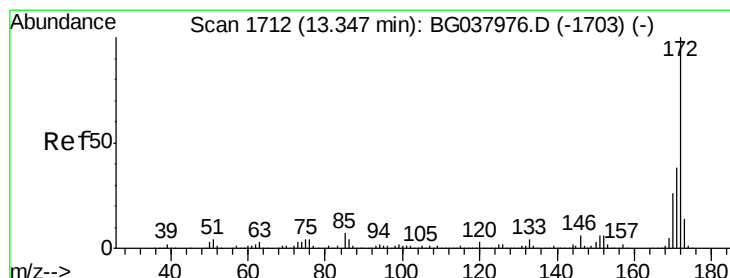
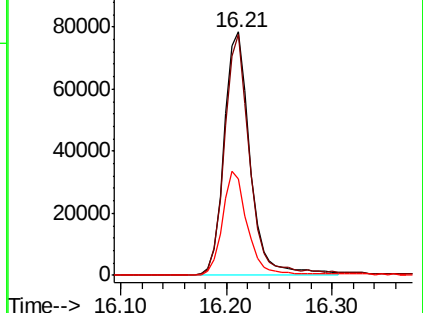
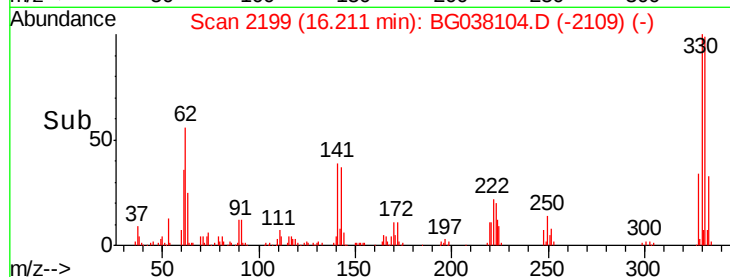
141 41.0 32.2 48.2



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: 78.529 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

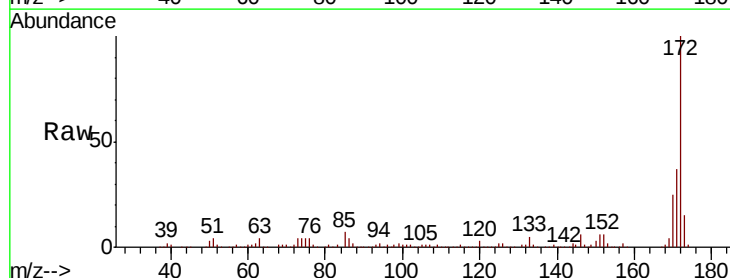
Tgt Ion:172 Resp: 638814

Ion Ratio Lower Upper

172 100

171 37.3 31.0 46.4

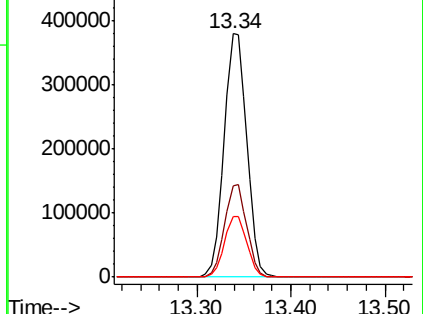
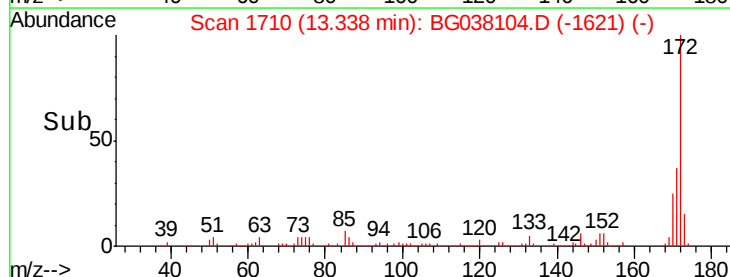
170 24.9 20.2 30.2

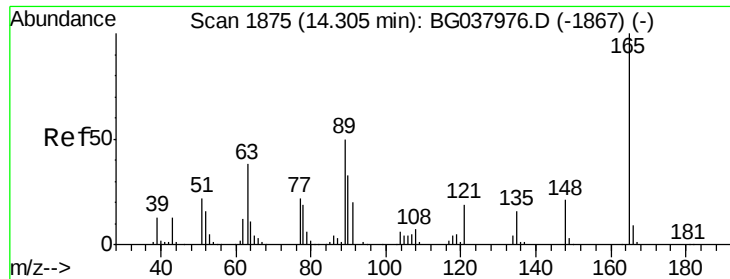


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.349 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.41 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

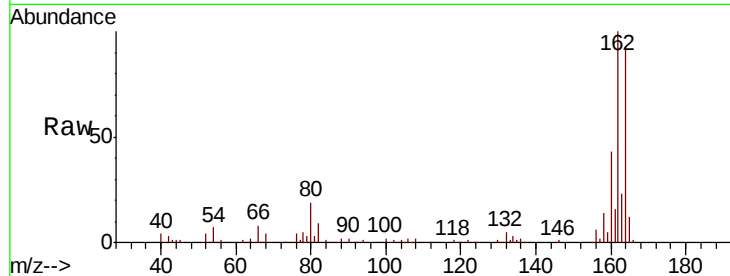
Tgt Ion:165 Resp: 15627

Ion Ratio Lower Upper

165 100

63 2.9 43.4 65.2#

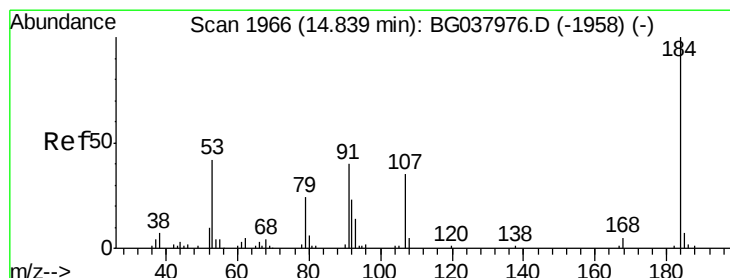
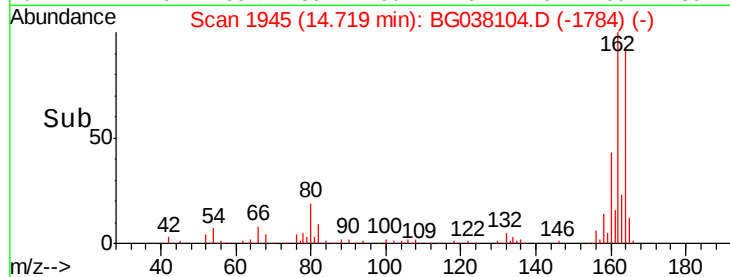
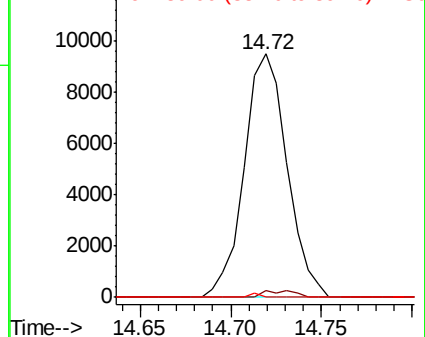
89 0.0 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#54

2,4-Dinitrophenol

Concen: 9.333 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.03 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

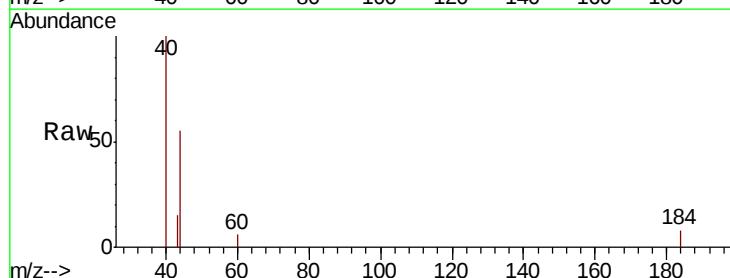
Tgt Ion:184 Resp: 64

Ion Ratio Lower Upper

184 100

63 0.0 42.6 63.8#

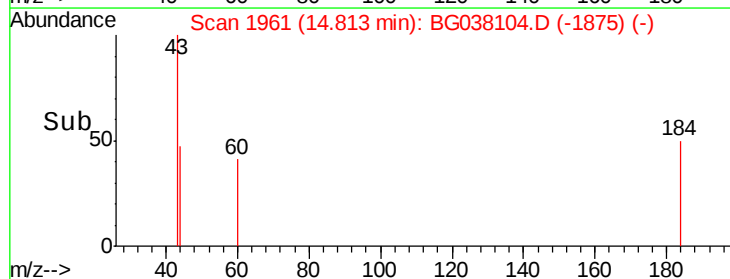
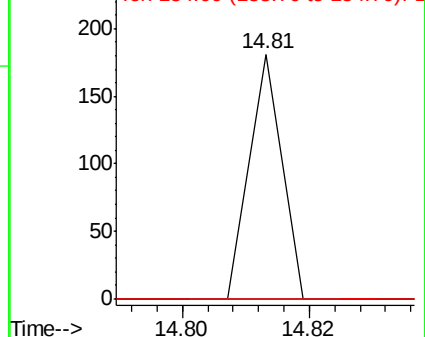
154 0.0 41.8 62.6#

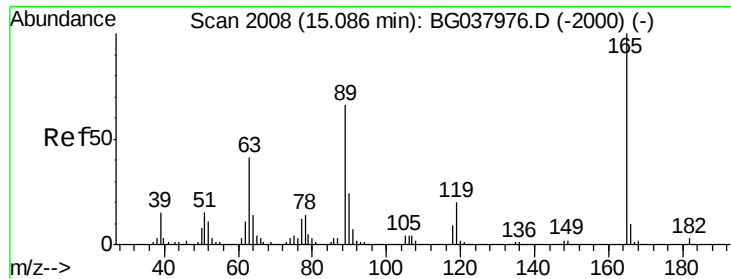


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

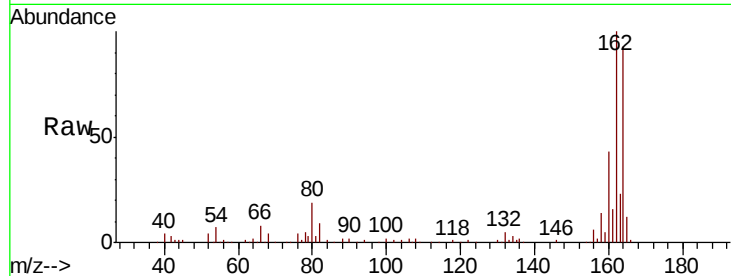




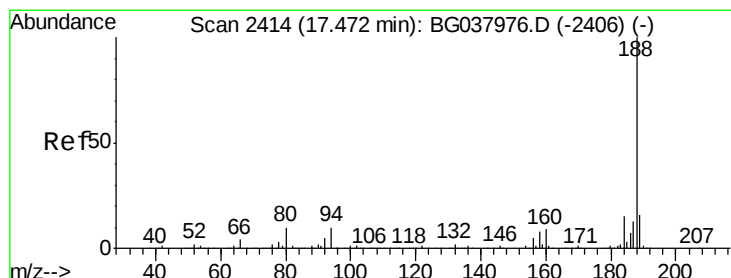
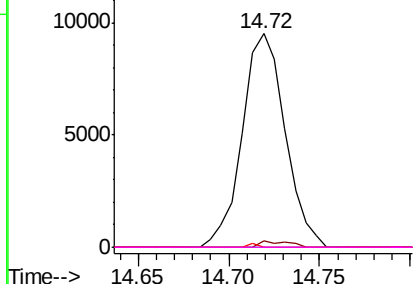
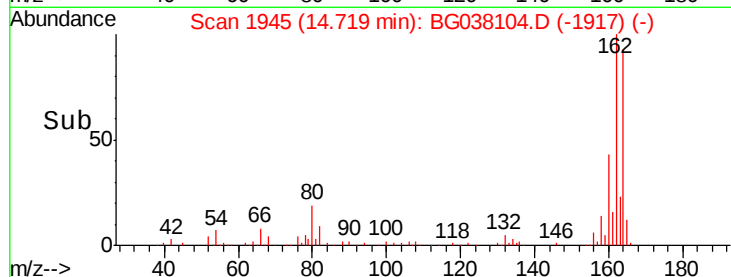
#57
 2,4-Dinitrotoluene
 Concen: 5.401 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038104.D
 Acq: 21 Nov 2018 4:37

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-111918-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

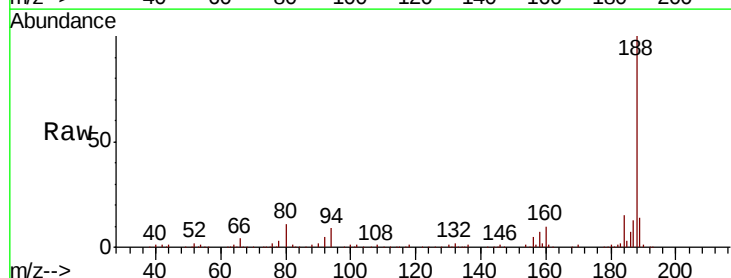


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

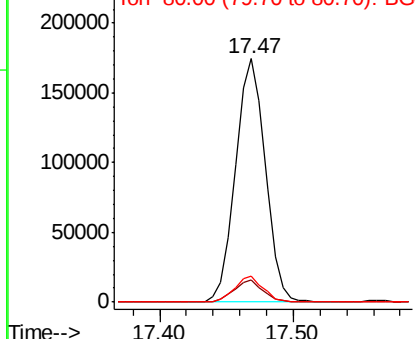
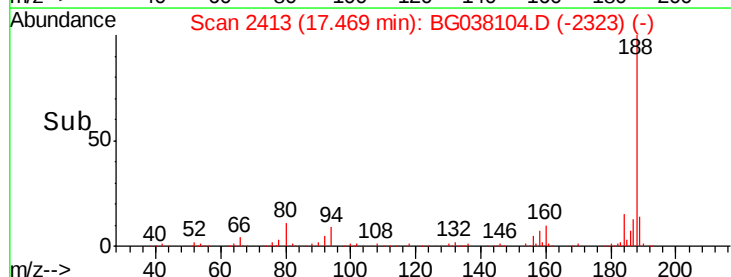


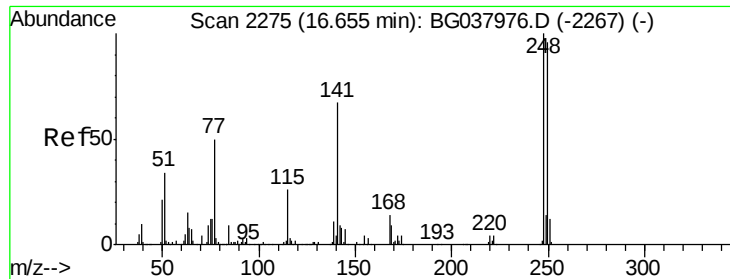
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038104.D
 Acq: 21 Nov 2018 4:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.7	7.7	11.5



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





#67

4-Bromophenyl-phenylether

Concen: 3.171 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

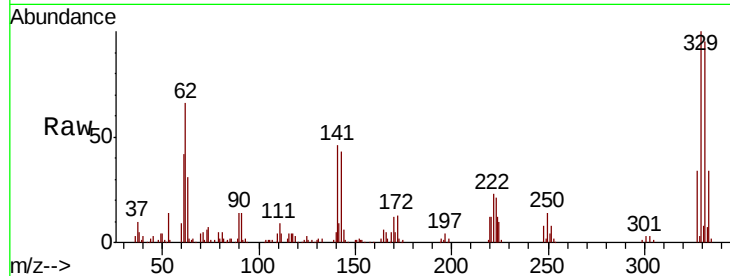
Tgt Ion:248 Resp: 9401

Ion Ratio Lower Upper

248 100

250 191.1 77.0 115.6#

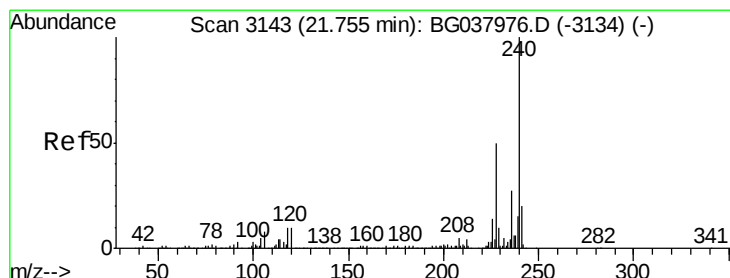
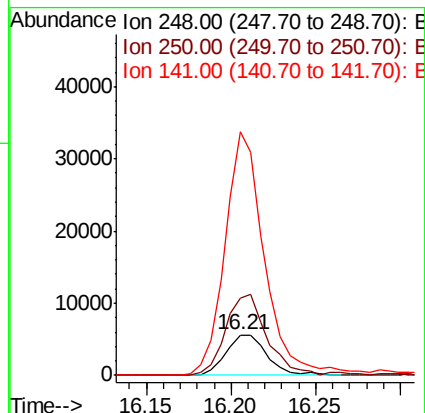
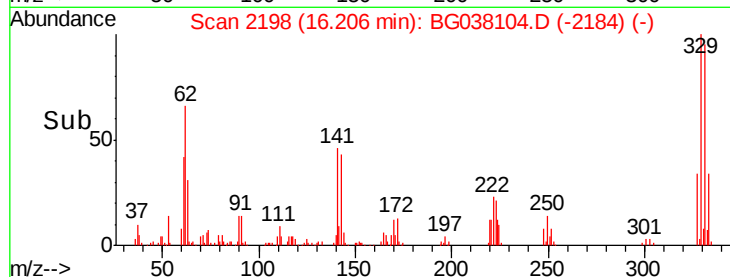
141 469.8 55.5 83.3#



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: BG038104.D

Acq: 21 Nov 2018 4:37

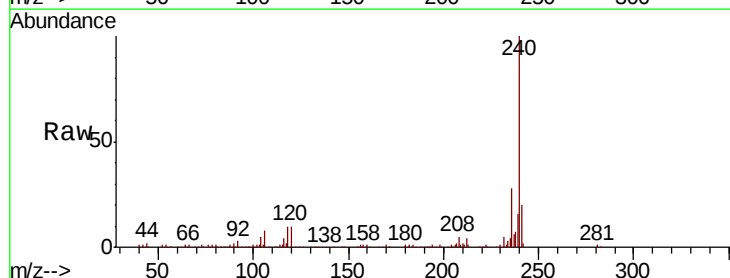
Tgt Ion:240 Resp: 263277

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

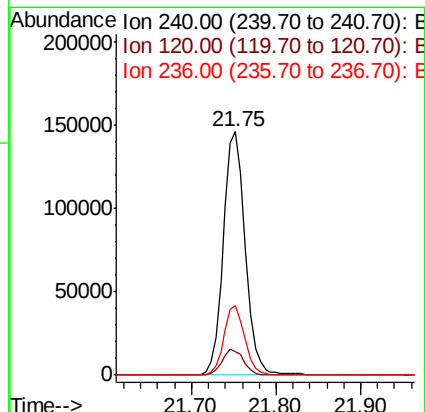
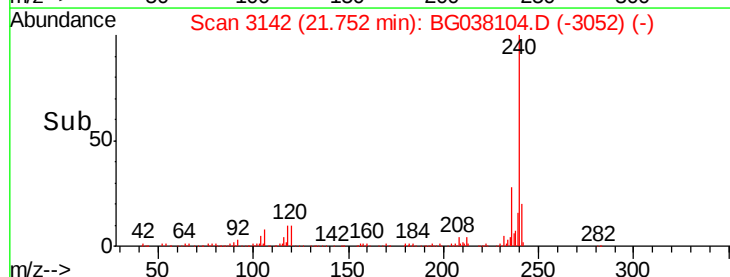
236 28.5 21.4 32.0

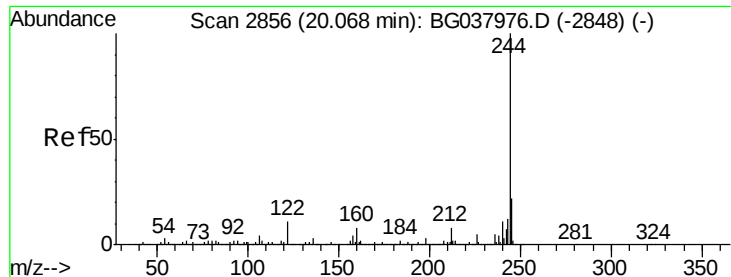


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.434 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

Instrument :

BNA_G

ClientSampleId :

HR-06-111918-B

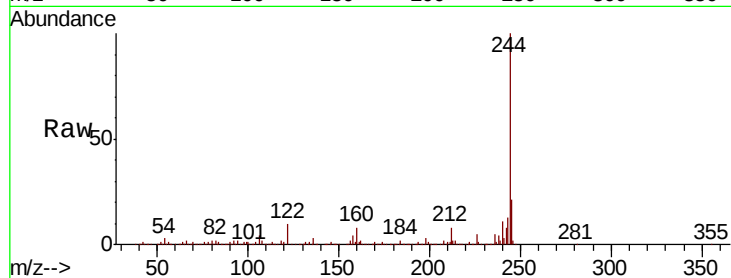
Tgt Ion:244 Resp: 1023054

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

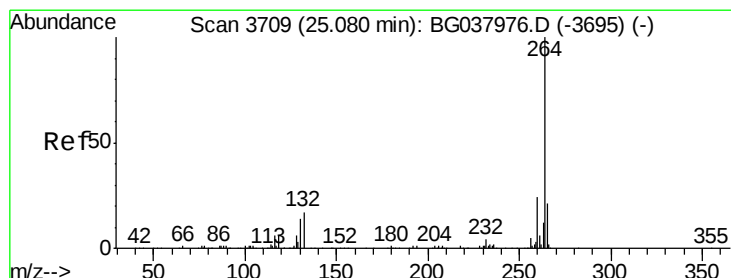
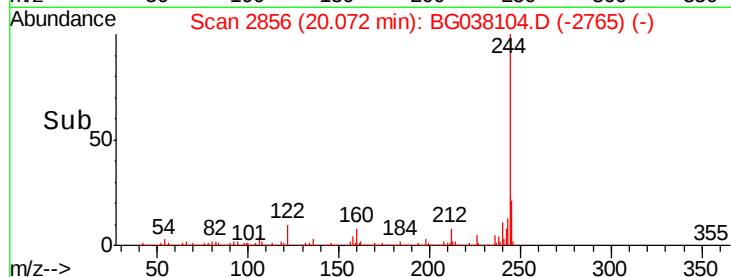
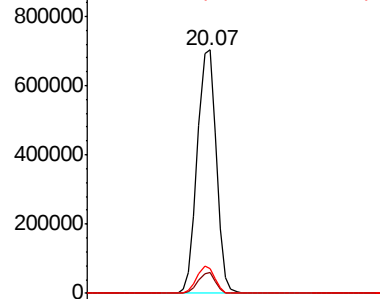
122 10.1 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038104.D

Acq: 21 Nov 2018 4:37

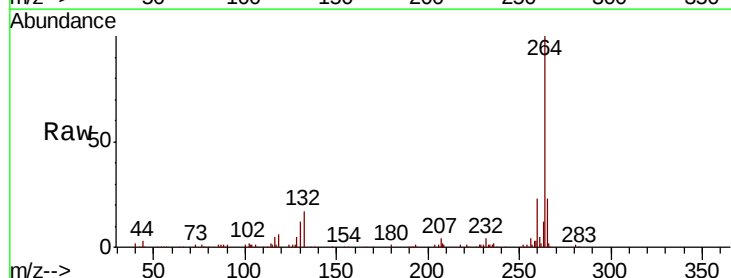
Tgt Ion:264 Resp: 256135

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 22.9 17.9 26.9



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

