

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038007.D
 Acq On : 14 Nov 2018 21:36
 Operator : JU/SJ
 Sample : J5889-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WALL-C

Quant Time: Nov 15 02:56:45 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

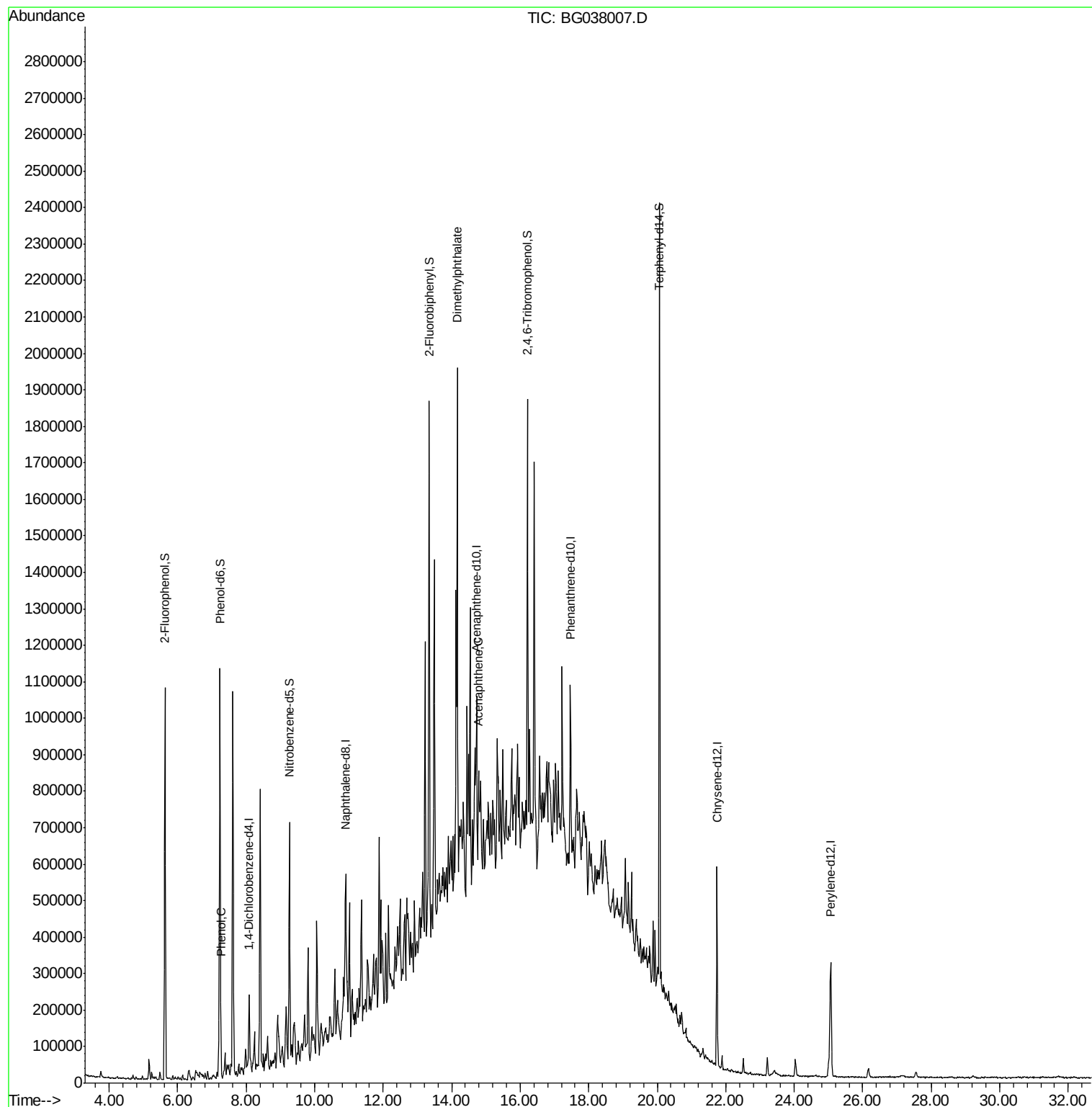
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	62699	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	253206	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	150391	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	313021	20.00	ng	0.00
76) Chrysene-d12	21.74	240	322282	20.00	ng	-0.01
87) Perylene-d12	25.06	264	352296	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	485351	133.65	ng	0.00
7) Phenol-d6	7.23	99	675780	130.37	ng	0.00
23) Nitrobenzene-d5	9.26	82	397635	84.06	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	213169	124.28	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	778697	75.43	ng	0.00
79) Terphenyl-d14	20.06	244	1014088	74.04	ng	0.00
Target Compounds						
10) Phenol	7.26	94	49387	8.995	ng	97
50) Dimethylphthalate	14.17	163	99842	8.374	ng	# 99
52) Acenaphthene	14.79	154	17670	2.024	ng	# 91

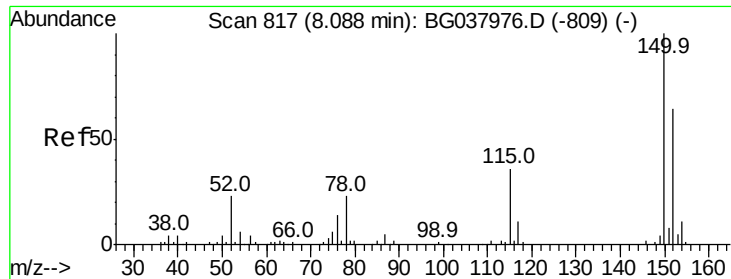
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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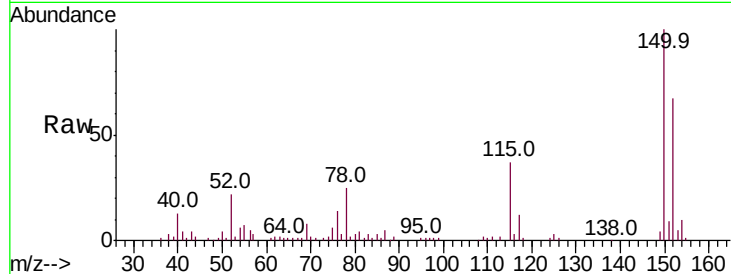


#1

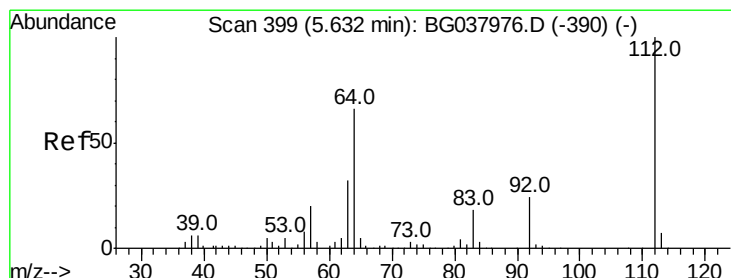
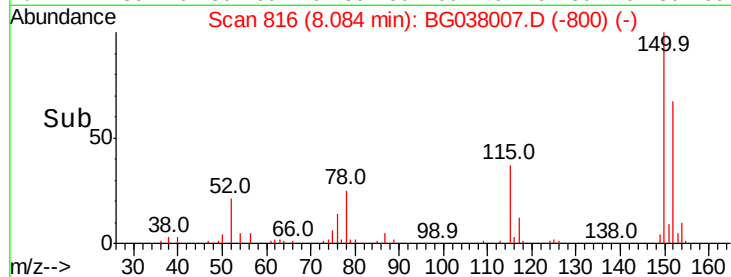
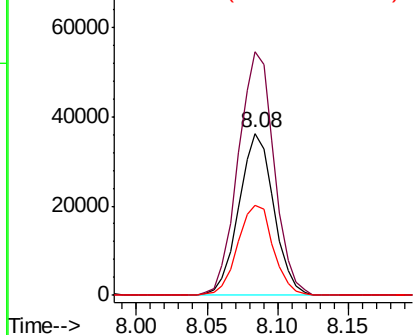
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038007.D
 Acq: 14 Nov 2018 21:36

Instrument :
 BNA_G
 ClientSampleId :
 WALL-C

Tot Ion:152 Resp: 62699
 Ion Ratio Lower Upper
 152 100
 150 150.2 126.0 189.0
 115 55.7 45.5 68.3



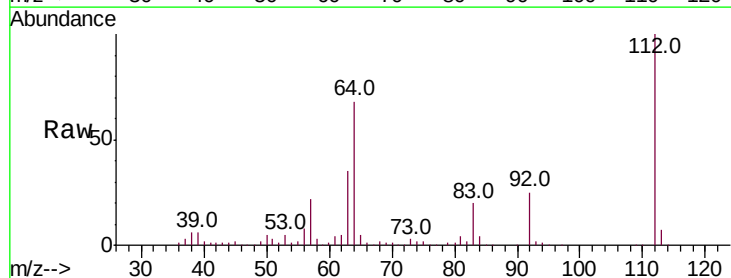
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



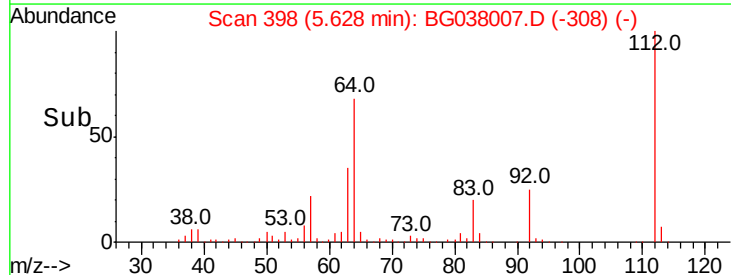
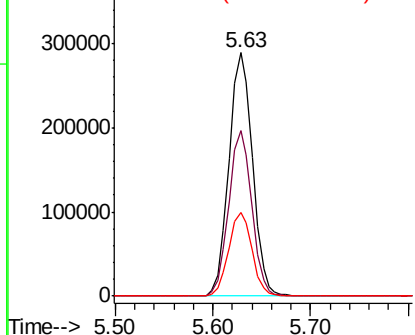
#5

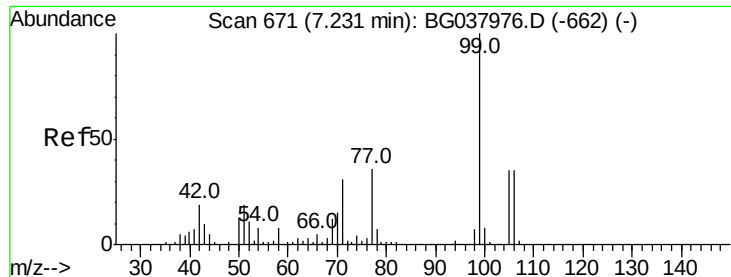
2-Fluorophenol
 Concen: 133.653 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038007.D
 Acq: 14 Nov 2018 21:36

Tgt Ion:112 Resp: 485351
 Ion Ratio Lower Upper
 112 100
 64 68.0 53.1 79.7
 63 34.6 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: 130.368 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

WALL-C

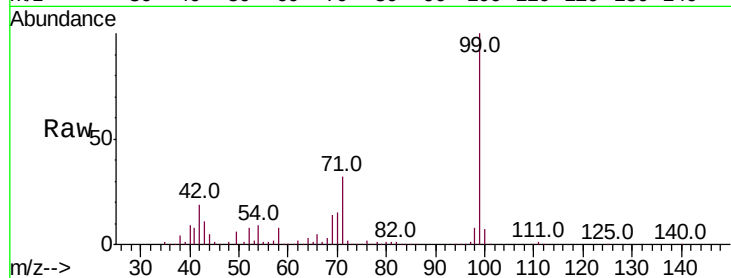
Tot Ion: 99 Resp: 675780

Ion Ratio Lower Upper

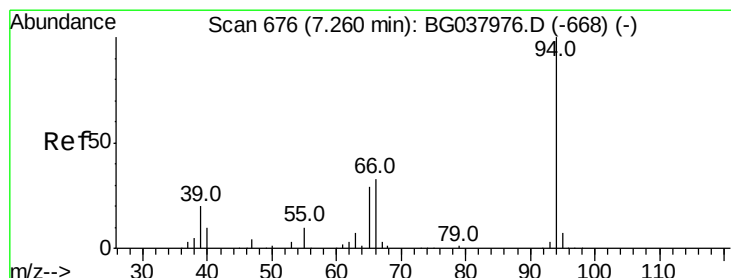
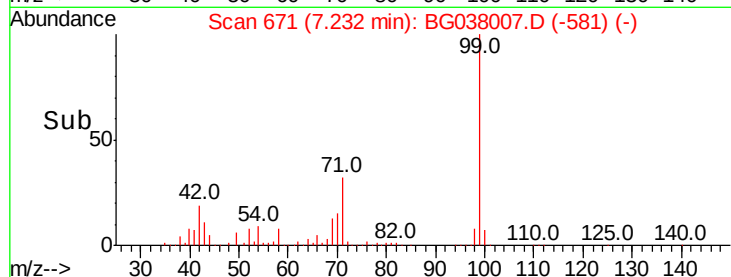
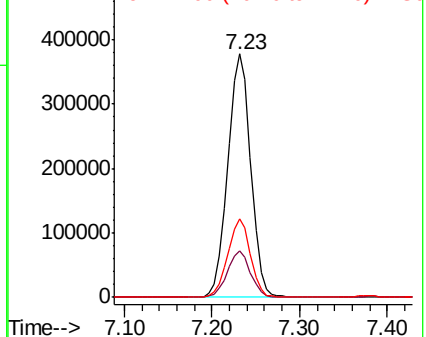
99 100

42 19.2 15.0 22.4

71 32.4 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



#10

Phenol

Concen: 8.995 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

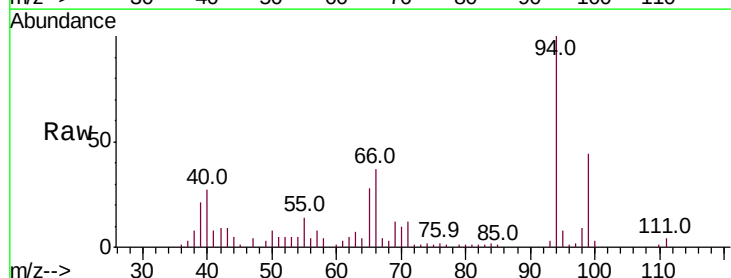
Tgt Ion: 94 Resp: 49387

Ion Ratio Lower Upper

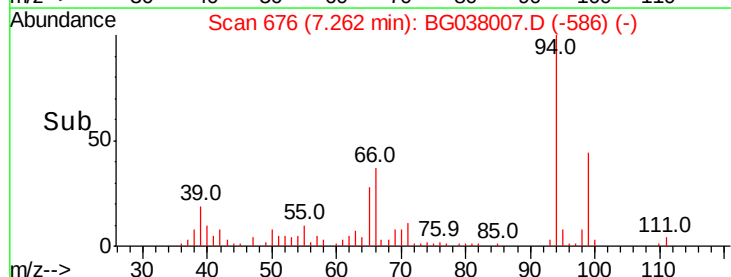
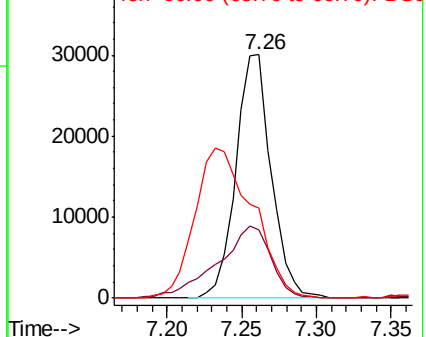
94 100

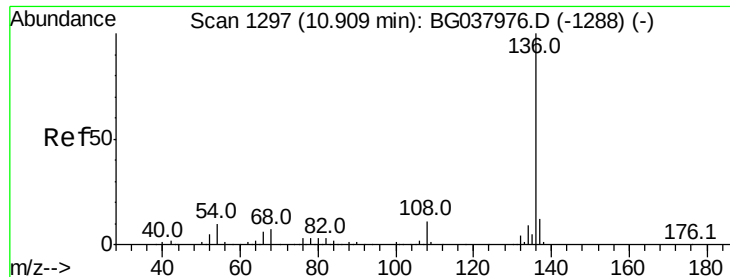
65 27.9 9.7 49.7

66 37.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

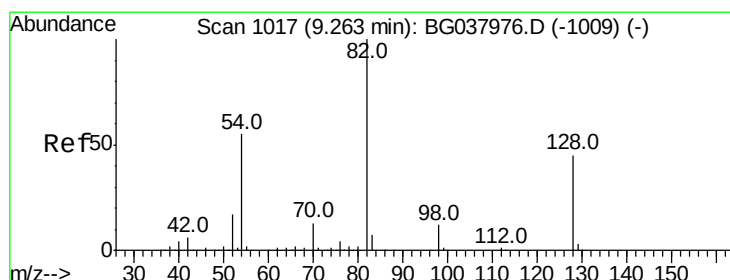
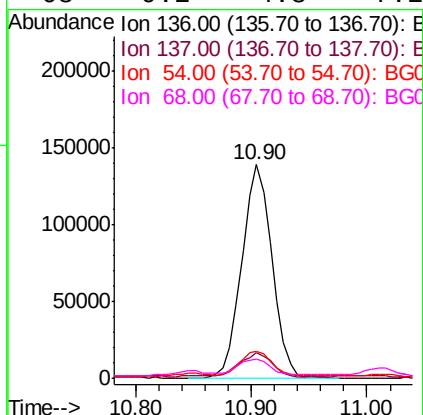
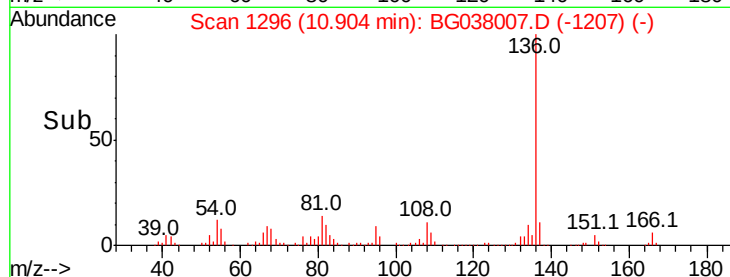
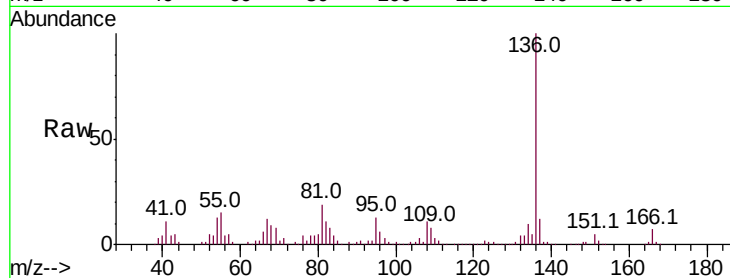




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

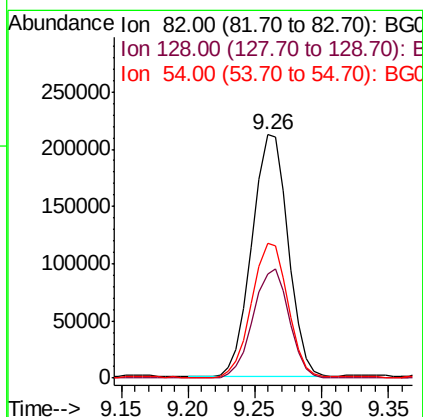
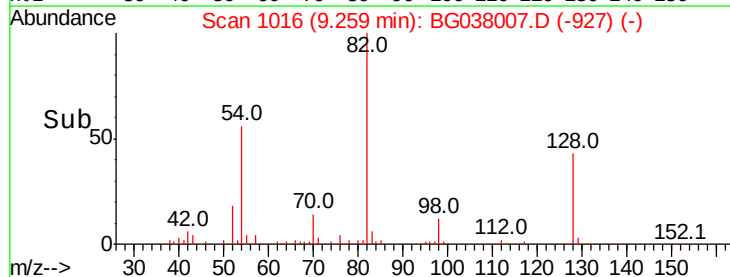
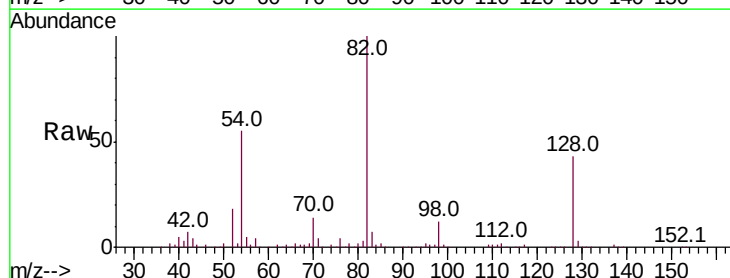
Instrument :
BNA_G
ClientSampleId :
WALL-C

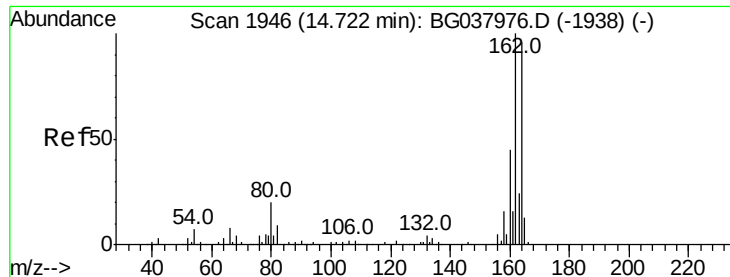
Tot Ion:136	Resp:	253206
Ion	Ratio	Lower Upper
136	100	
137	12.1	9.6 14.4
54	12.6	7.9 11.9#
68	9.2	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 84.064 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Tgt Ion: 82	Resp:	397635
Ion	Ratio	Lower Upper
82	100	
128	42.7	34.6 51.8
54	55.5	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

WALL-C

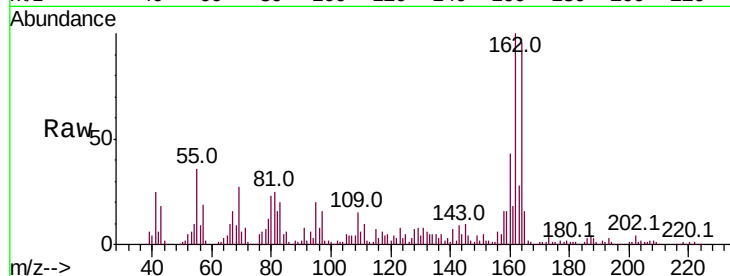
Tot Ion:164 Resp: 150391

Ion Ratio Lower Upper

164 100

162 103.7 81.3 121.9

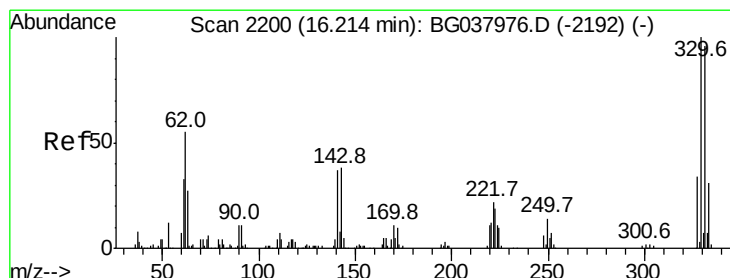
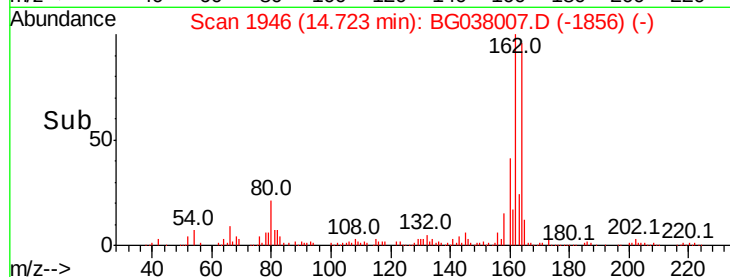
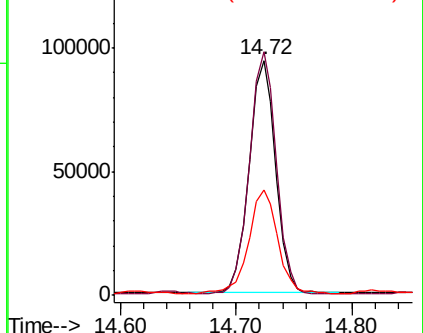
160 44.9 36.3 54.5



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: 124.284 ng

RT: 16.22 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

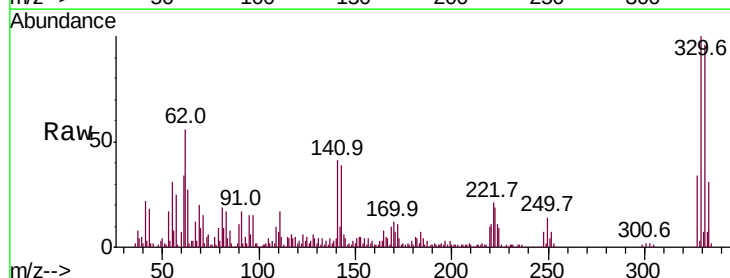
Tgt Ion:330 Resp: 213169

Ion Ratio Lower Upper

330 100

332 95.7 78.4 117.6

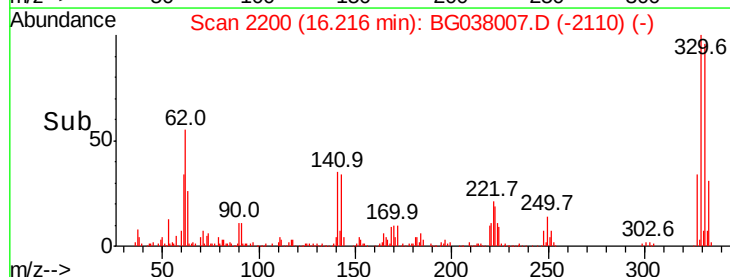
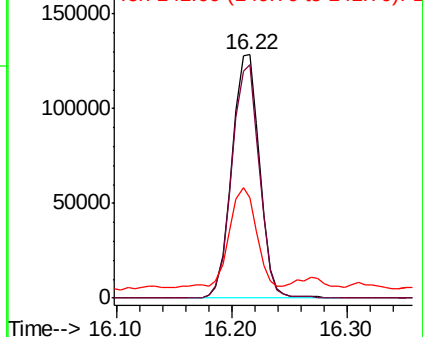
141 40.4 32.2 48.2

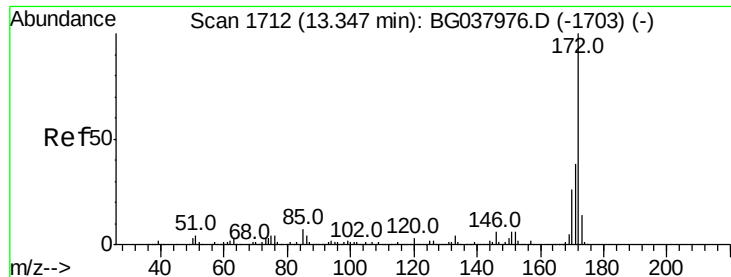


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

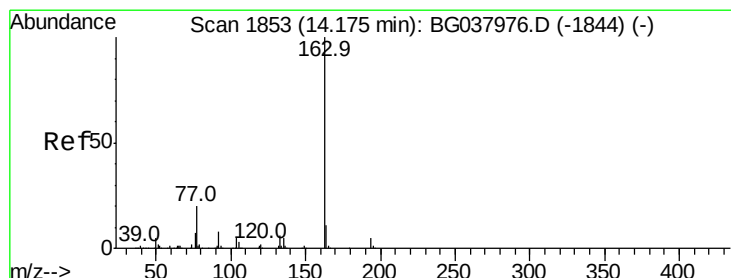
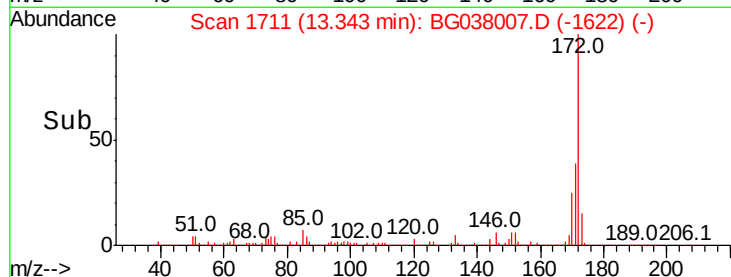
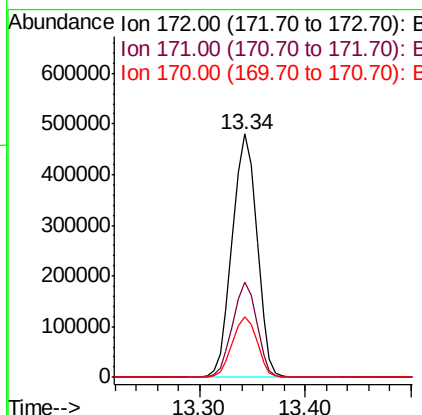
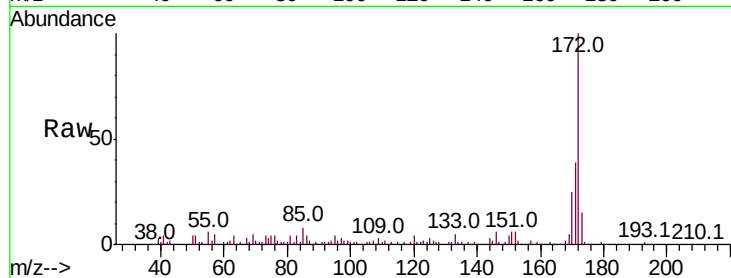




#45
2-Fluorobiphenyl
Concen: 75.433 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

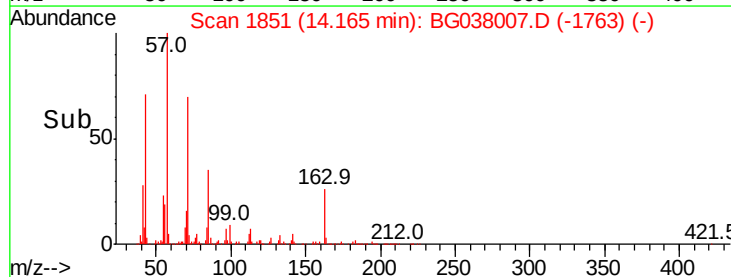
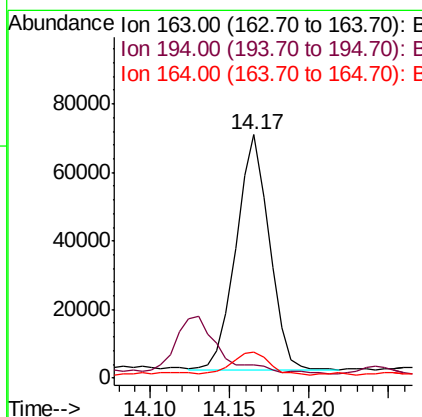
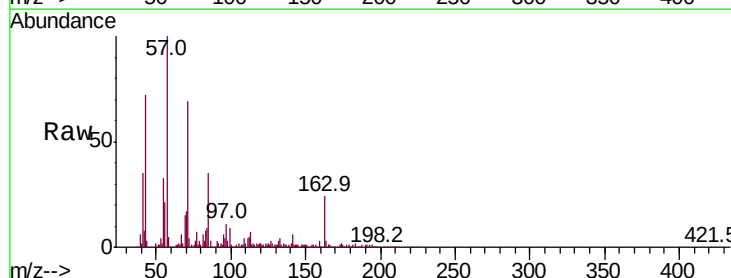
Instrument :
BNA_G
ClientSampleId :
WALL-C

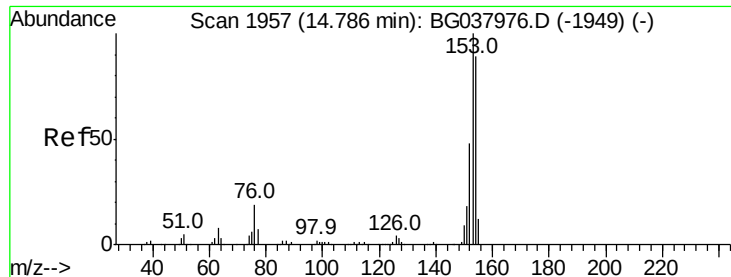
Tot Ion:172 Resp: 778697
Ion Ratio Lower Upper
172 100
171 39.0 31.0 46.4
170 24.7 20.2 30.2



#50
Dimethylphthalate
Concen: 8.374 ng
RT: 14.17 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Tgt Ion:163 Resp: 99842
Ion Ratio Lower Upper
163 100
194 5.3 3.5 5.3#
164 10.5 8.5 12.7





#52

Acenaphthene

Concen: 2.024 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

Instrument :

BNA_G

ClientSampleId :

WALL-C

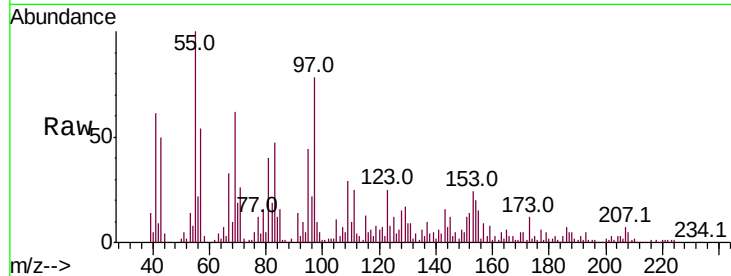
Tot Ion:154 Resp: 17670

Ion Ratio Lower Upper

154 100

153 120.5 93.4 140.0

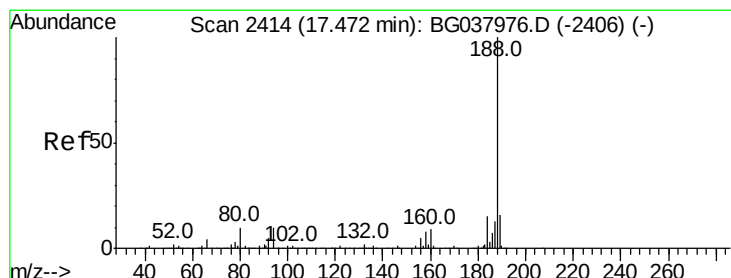
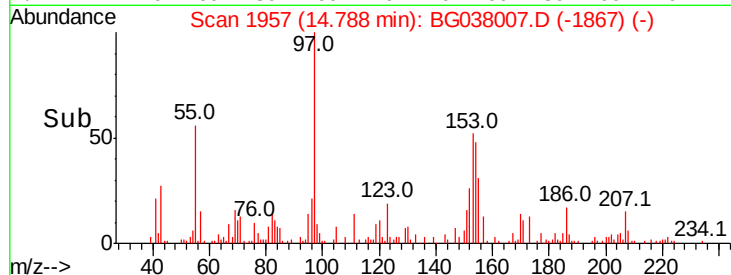
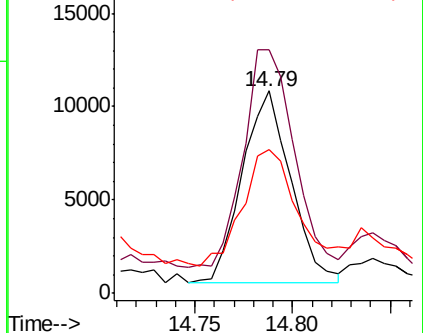
152 71.0 44.7 67.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038007.D

Acq: 14 Nov 2018 21:36

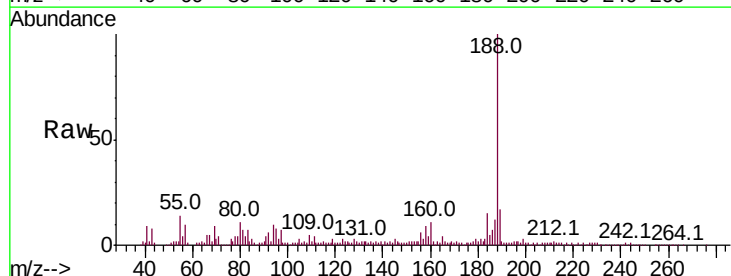
Tgt Ion:188 Resp: 313021

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

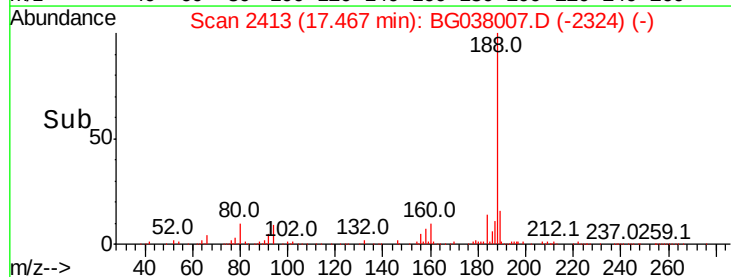
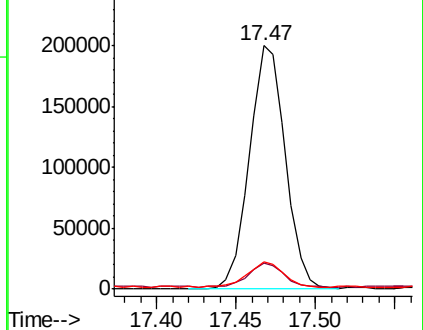
80 11.1 7.7 11.5

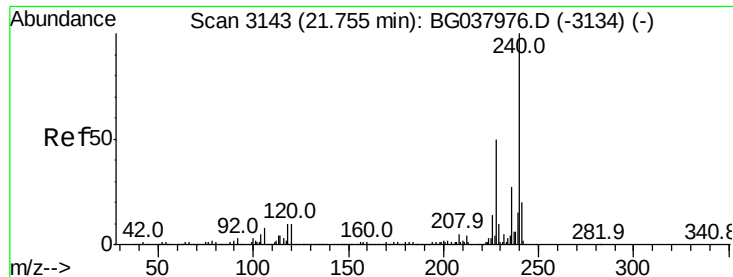


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

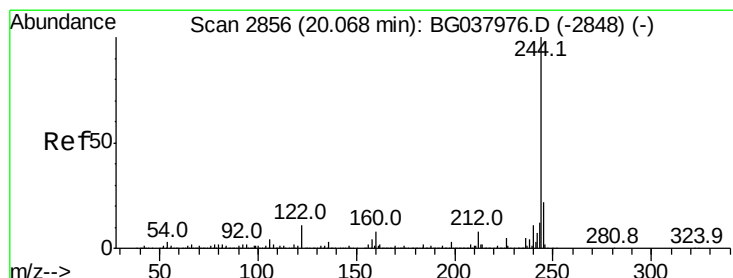
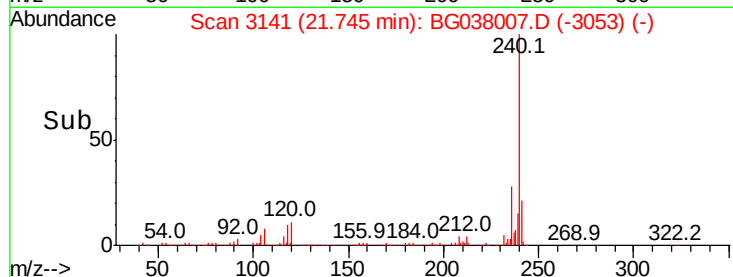
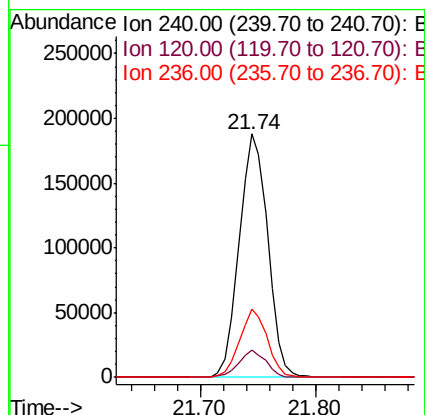
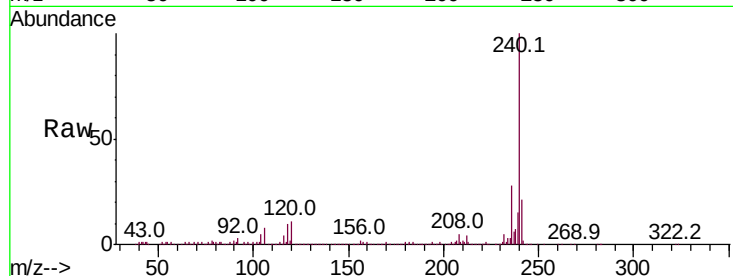




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

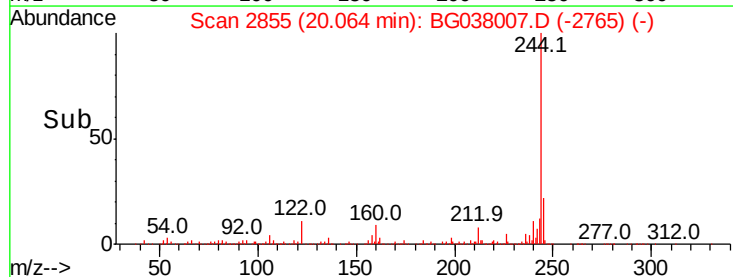
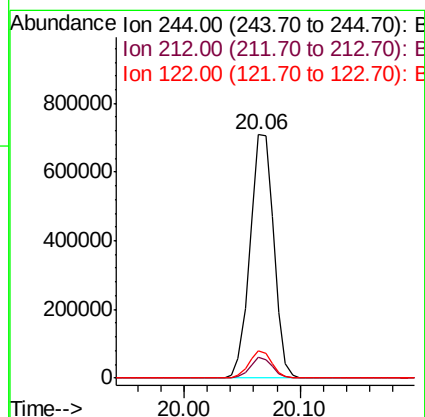
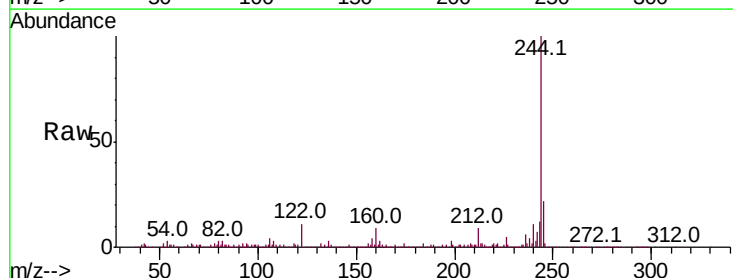
Instrument :
BNA_G
ClientSampleId :
WALL-C

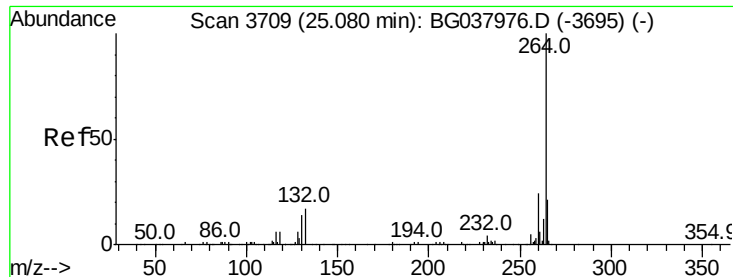
Tot Ion:240 Resp: 322282
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 27.8 21.4 32.0



#79
Terphenyl-d14
Concen: 74.039 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Tgt Ion:244 Resp: 1014088
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 11.1 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038007.D
Acq: 14 Nov 2018 21:36

Instrument :
BNA_G
ClientSampleId :
WALL-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.0	17.9	26.9

