

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038014.D
 Acq On : 15 Nov 2018 2:12
 Operator : JU/SJ
 Sample : PB114826BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BL

Quant Time: Nov 15 03:12:01 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

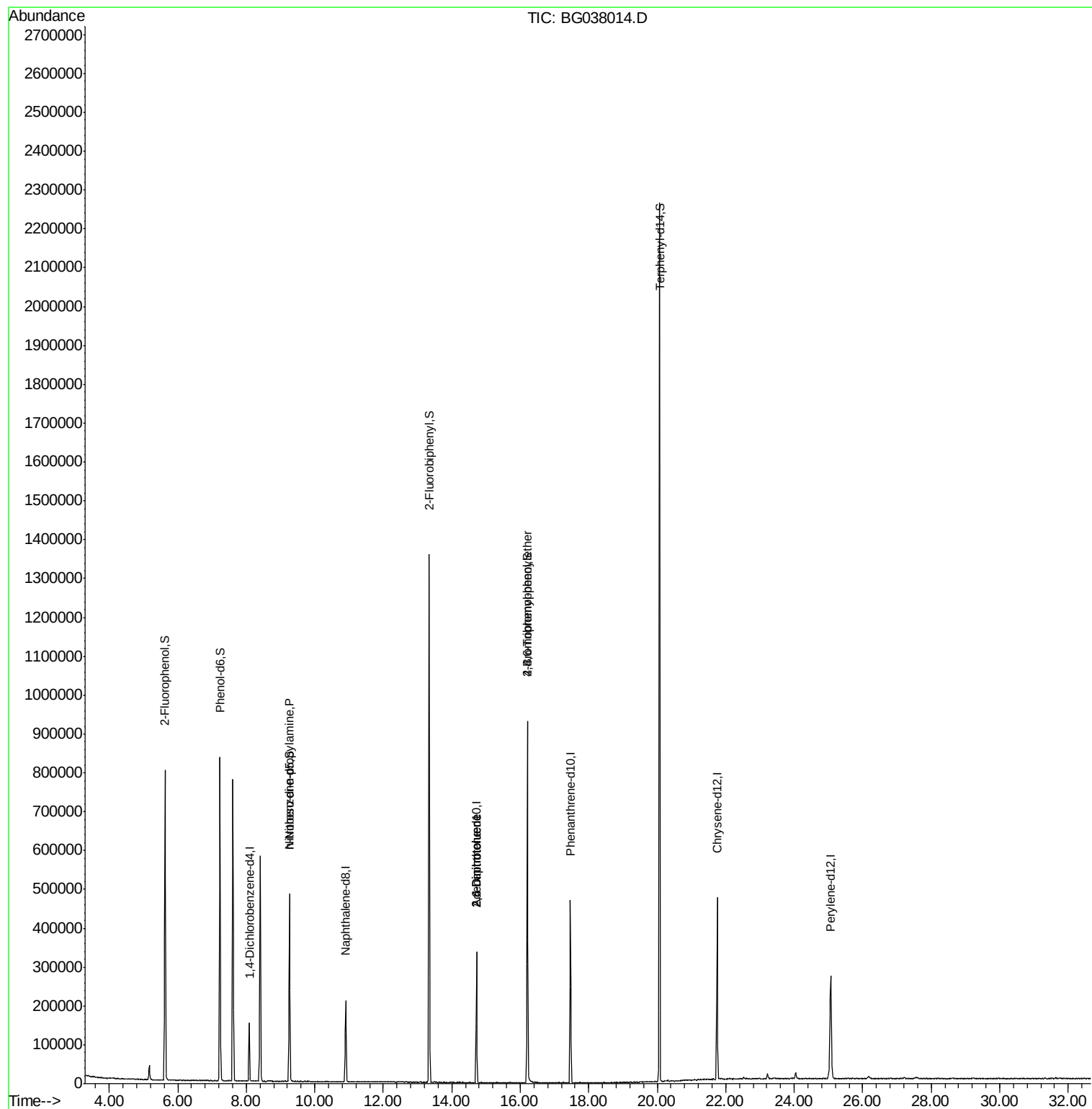
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46436	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	192485	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	126033	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	300100	20.00	ng	0.00
76) Chrysene-d12	21.74	240	291794	20.00	ng	-0.01
87) Perylene-d12	25.06	264	291795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	368025	136.84	ng	0.00
7) Phenol-d6	7.23	99	505134	131.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	306056	85.11	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	175461	122.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	734238	84.87	ng	0.00
79) Terphenyl-d14	20.07	244	1137959	91.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	38944	14.019	ng	# 69
51) 2,6-Dinitrotoluene	14.72	165	15950	7.053	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	15950	5.184	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	12319	3.740	ng	# 1

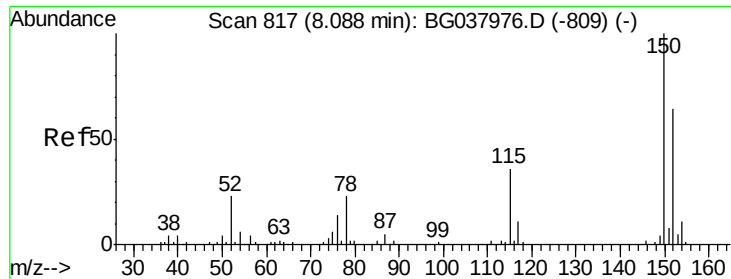
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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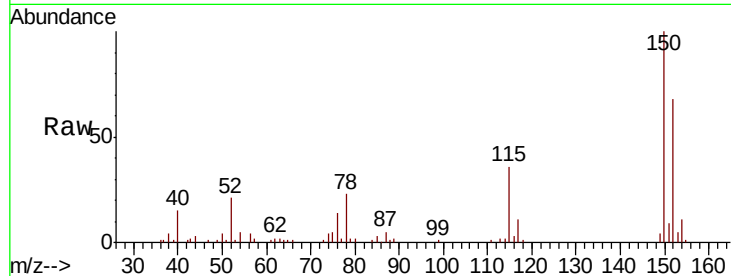


#1

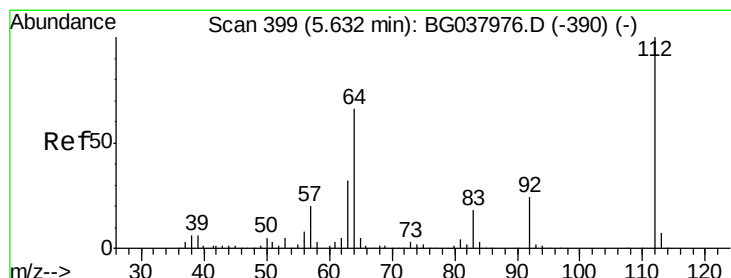
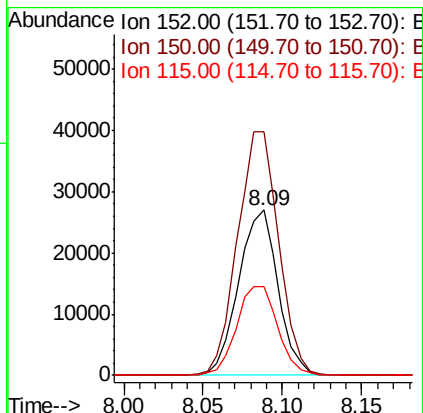
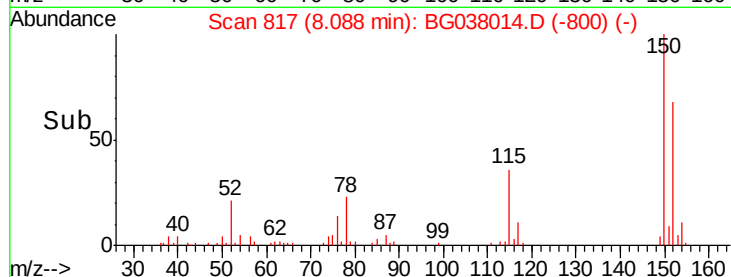
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BL

Tgt Ion:152 Resp: 46436
 Ion Ratio Lower Upper
 152 100
 150 147.2 126.0 189.0
 115 53.7 45.5 68.3



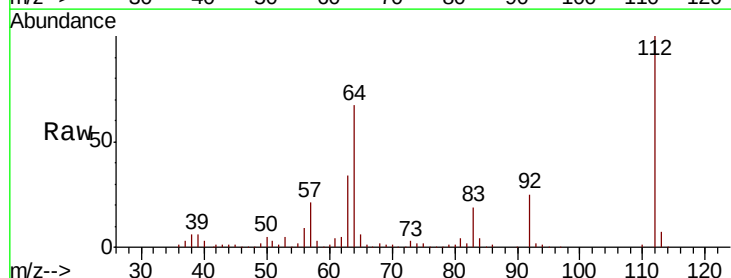
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



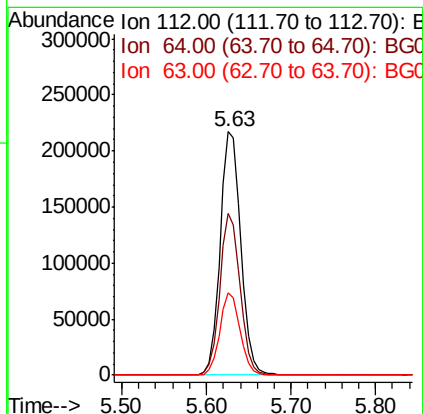
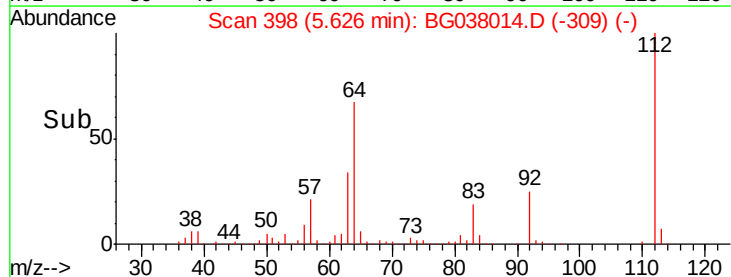
#5

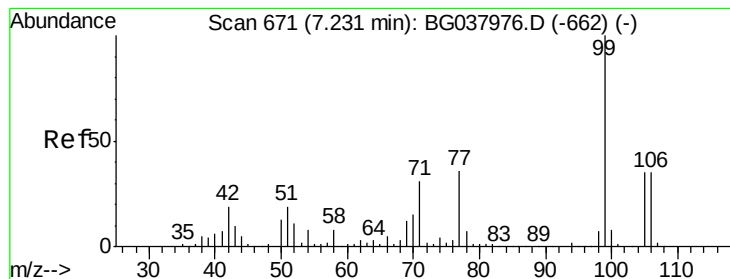
2-Fluorophenol
 Concen: 136.838 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Tgt Ion:112 Resp: 368025
 Ion Ratio Lower Upper
 112 100
 64 66.6 53.1 79.7
 63 33.9 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: 131.576 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB114826BL

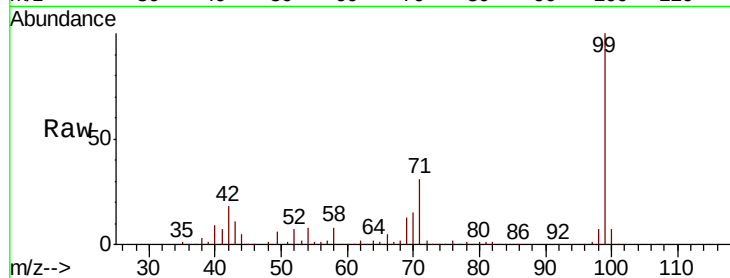
Tgt Ion: 99 Resp: 505134

Ion Ratio Lower Upper

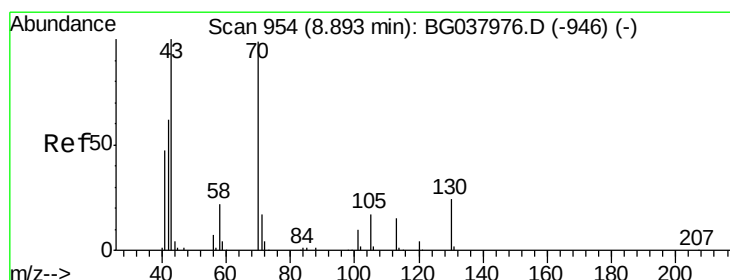
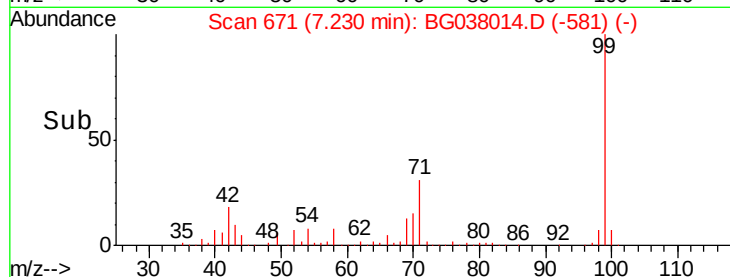
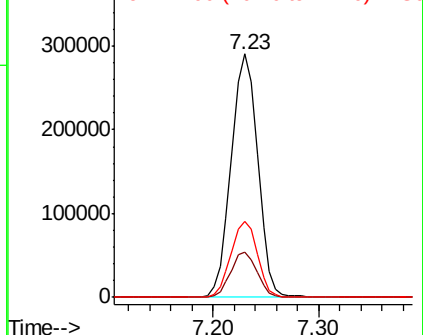
99 100

42 18.4 15.0 22.4

71 31.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.019 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

Tgt Ion: 70 Resp: 38944

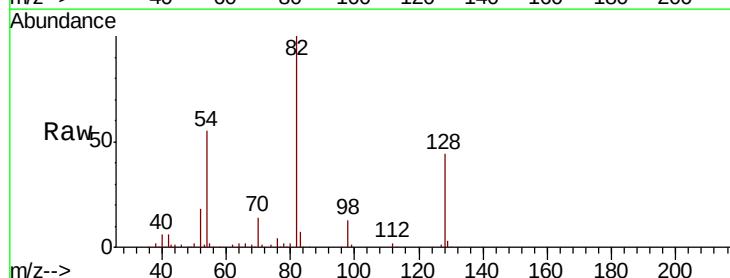
Ion Ratio Lower Upper

70 100

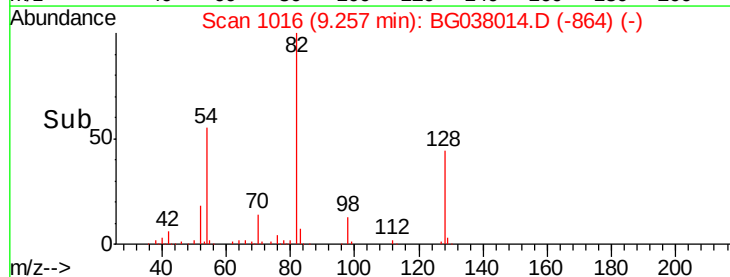
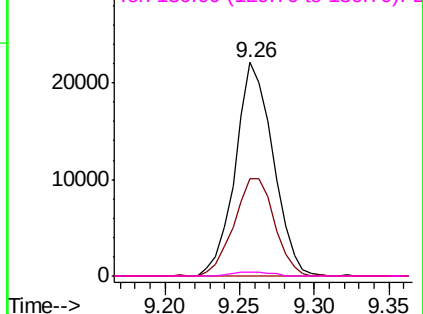
42 45.7 53.9 80.9#

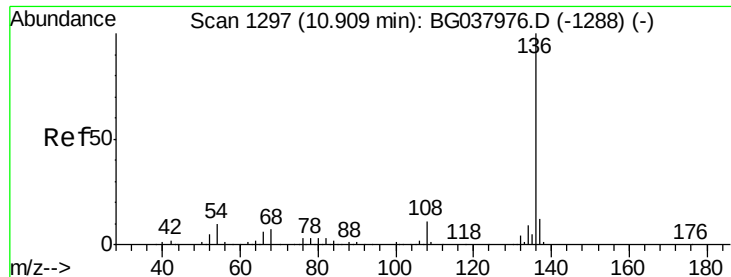
101 0.0 8.2 12.2#

130 1.6 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

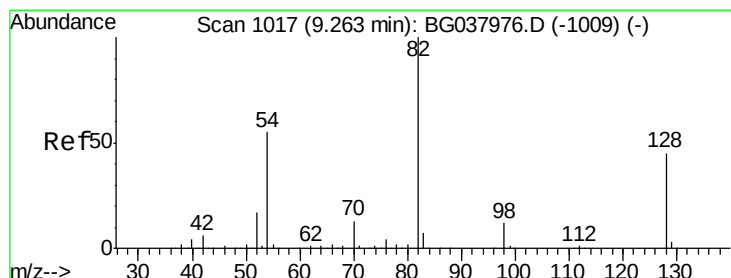
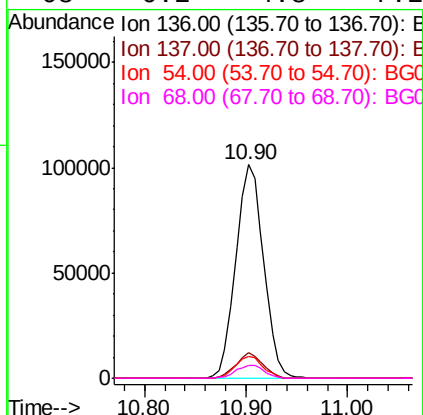
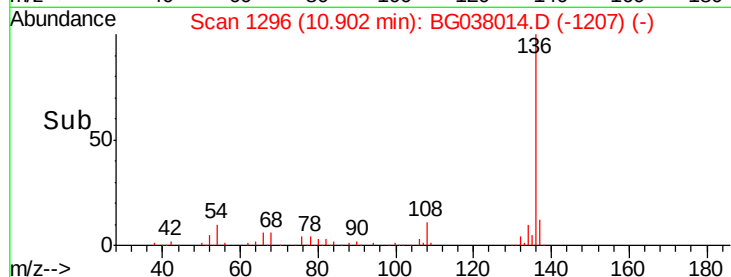
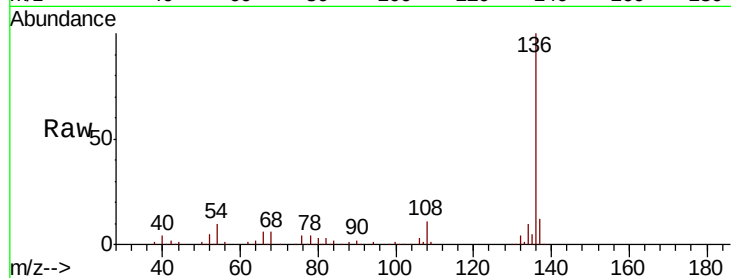




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038014.D
Acq: 15 Nov 2018 2:12

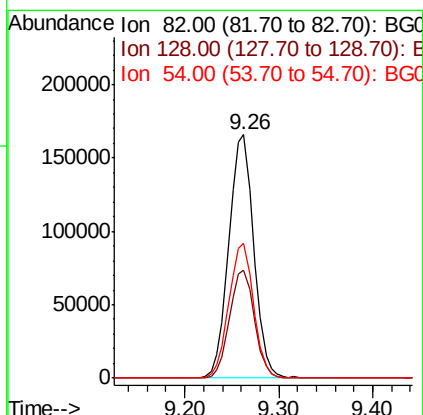
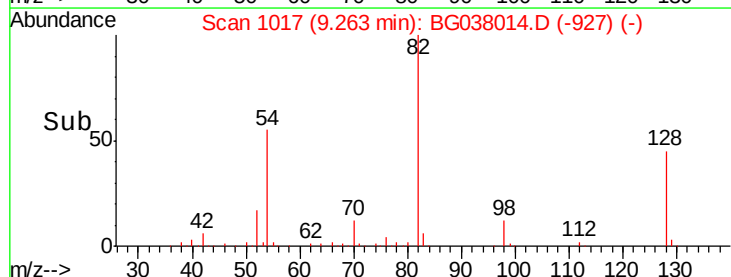
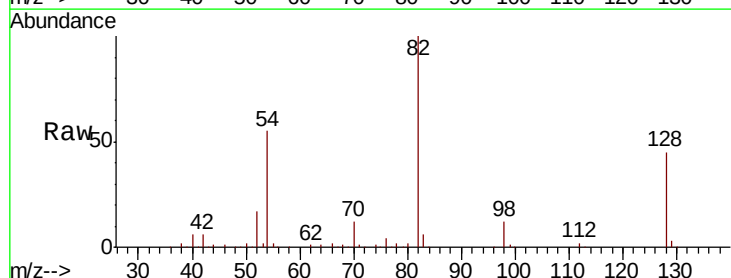
Instrument :
BNA_G
ClientSampleId :
PB114826BL

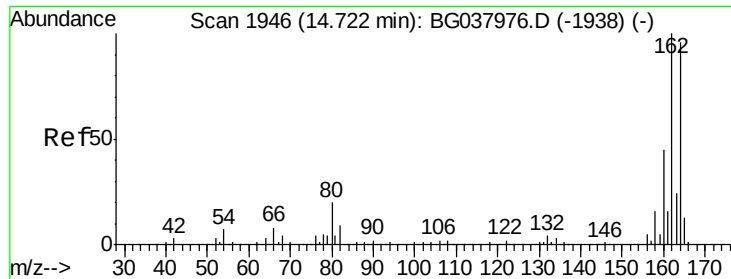
Tgt Ion:	136	Resp:	192485
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.4	7.9	11.9
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 85.115 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038014.D
Acq: 15 Nov 2018 2:12

Tgt Ion:	82	Resp:	306056
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	55.4	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB114826BL

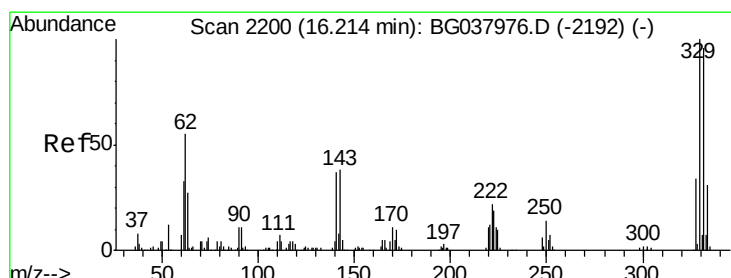
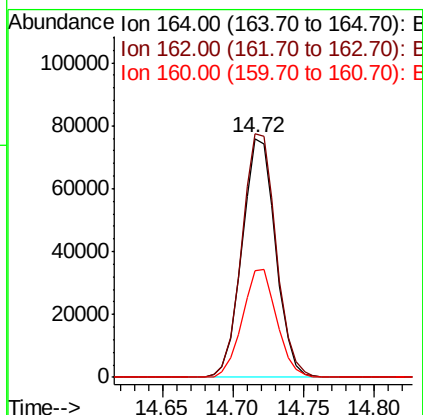
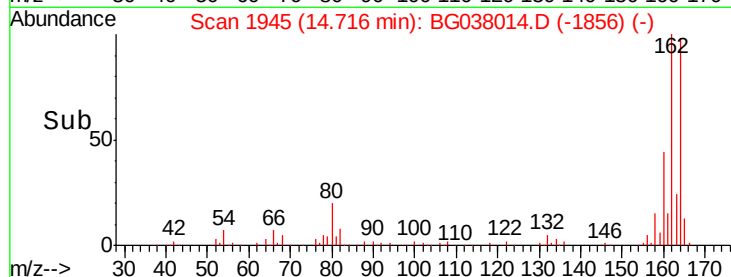
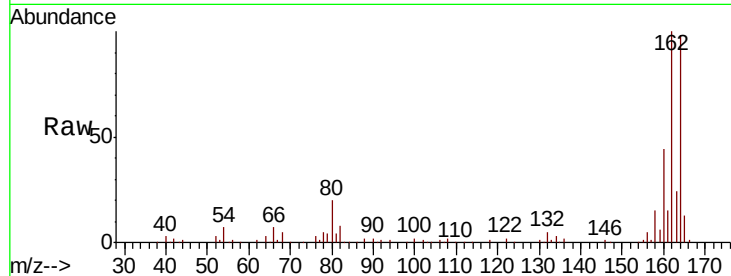
Tgt Ion:164 Resp: 126033

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 44.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 122.070 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

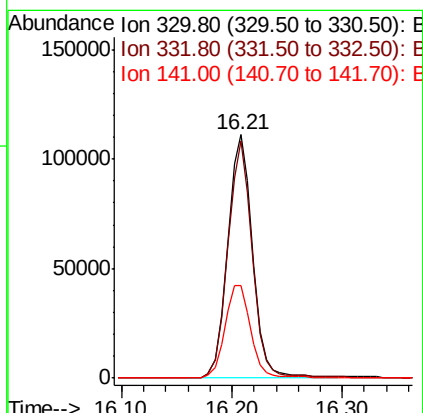
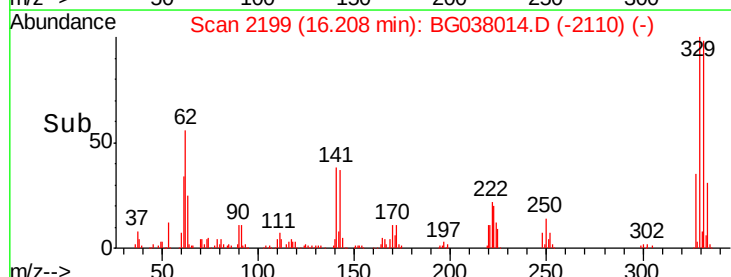
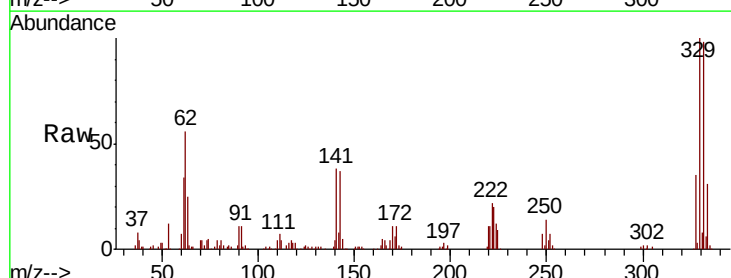
Tgt Ion:330 Resp: 175461

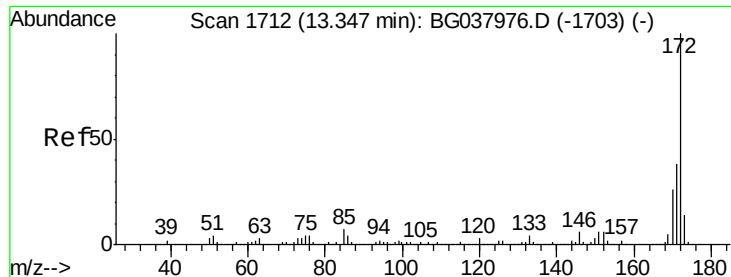
Ion Ratio Lower Upper

330 100

332 95.5 78.4 117.6

141 39.5 32.2 48.2

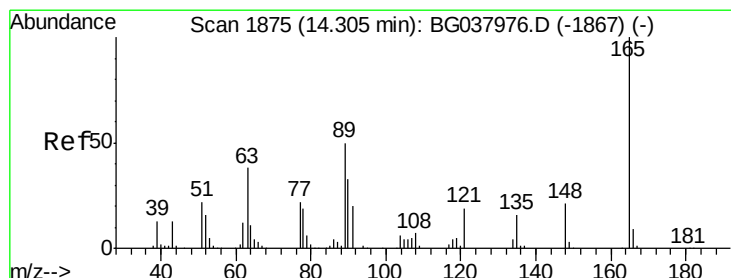
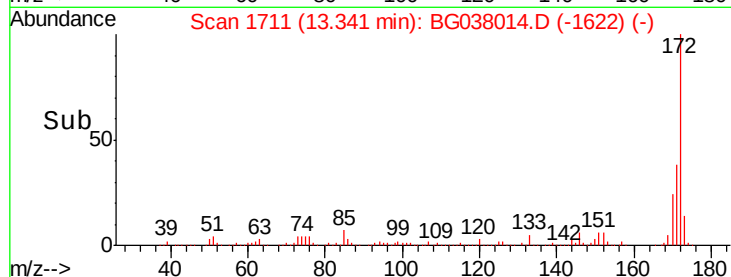
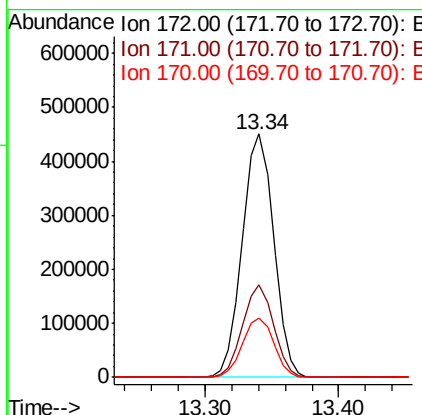
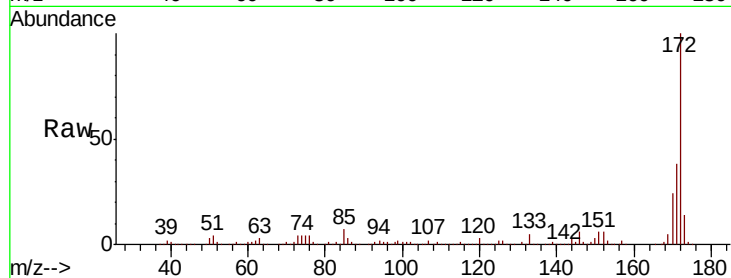




#45
 2-Fluorobiphenyl
 Concen: 84.873 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

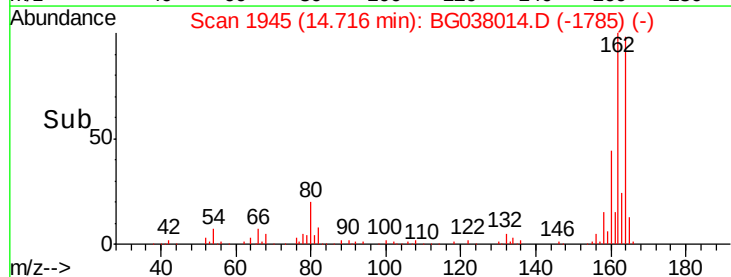
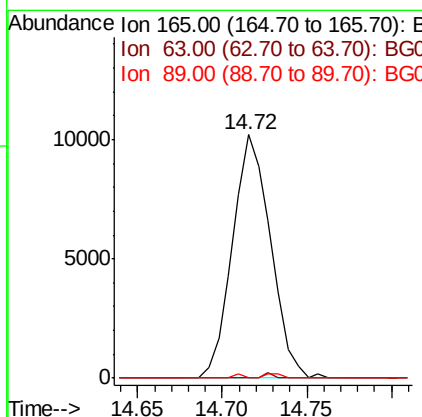
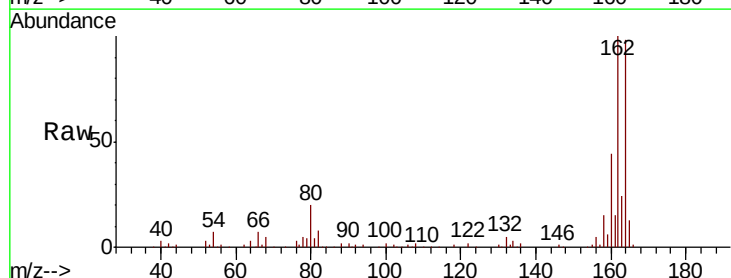
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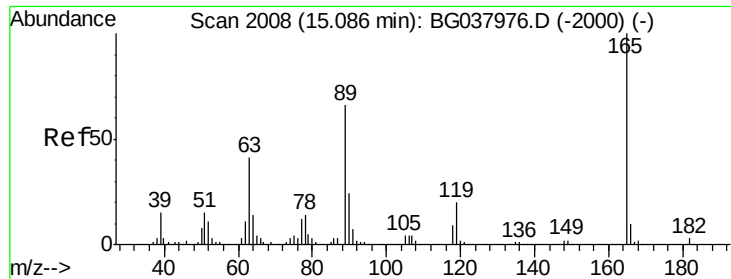
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.4	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.053 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#

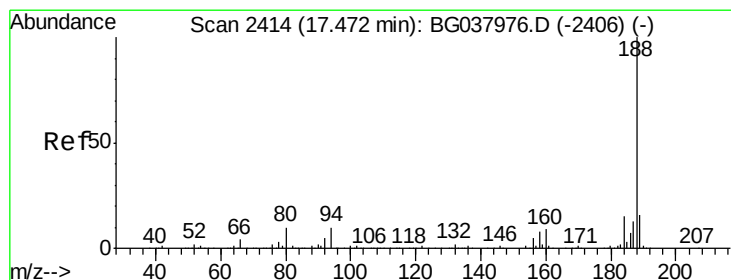
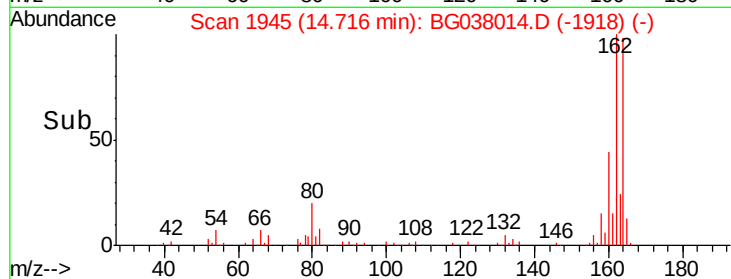
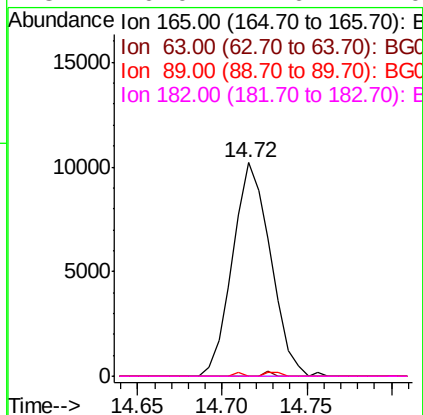
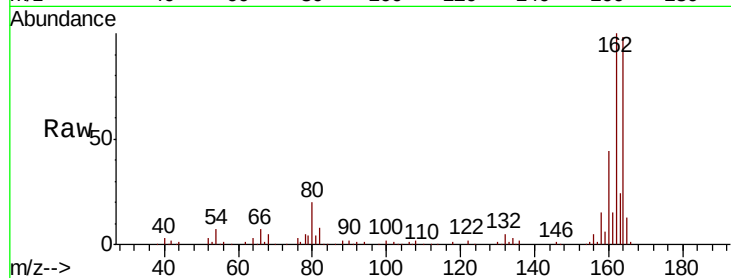




#57
 2,4-Dinitrotoluene
 Concen: 5.184 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

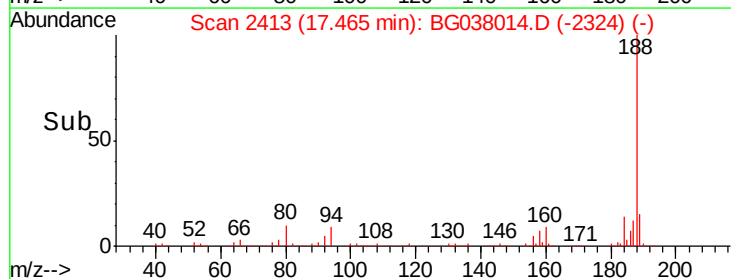
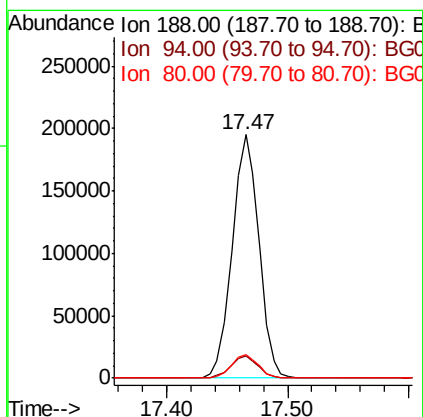
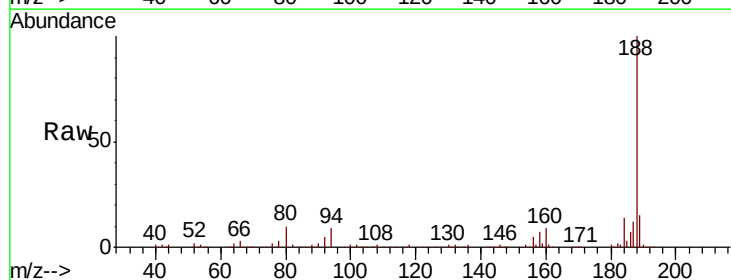
Instrument :
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 ClientSampleId :
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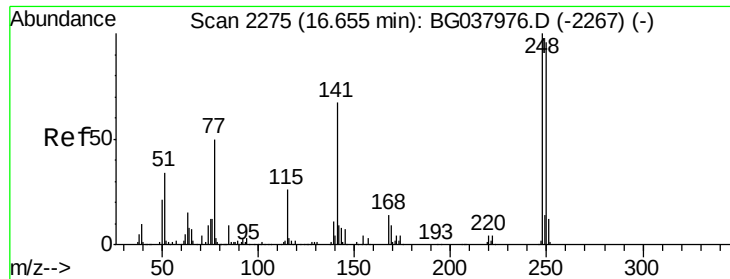
Tgt Ion:	165	Resp:	15950
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Tgt Ion:	188	Resp:	300100
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.7	11.5

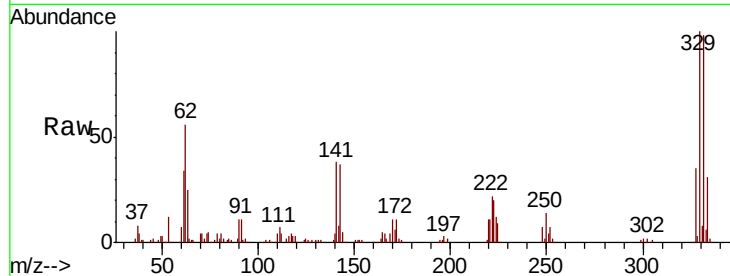




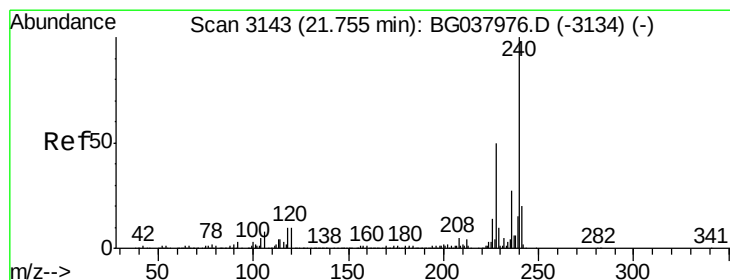
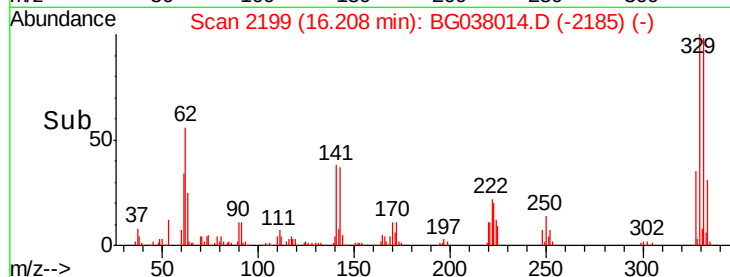
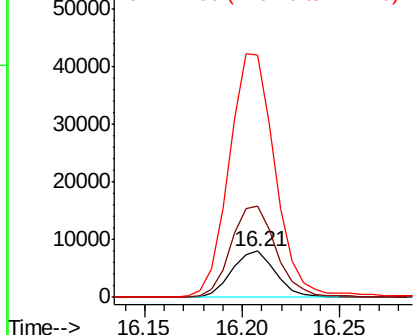
#67
 4-Bromophenyl-phenylether
 Concen: 3.740 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Instrument :
 BNA_G
 ClientSampleId :
 PB114826BL

Tgt Ion:248 Resp: 12319
 Ion Ratio Lower Upper
 248 100
 250 257.2 77.0 115.6#
 141 528.4 55.5 83.3#

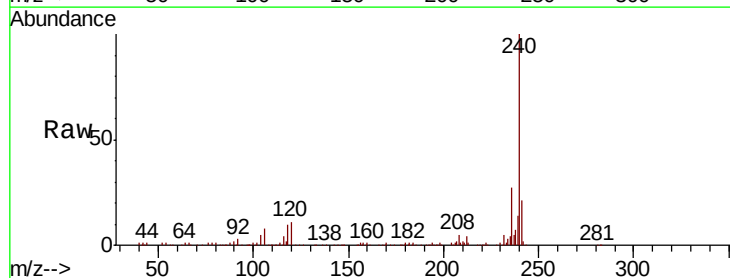


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

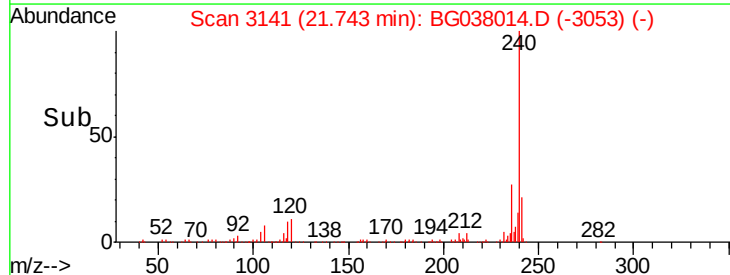
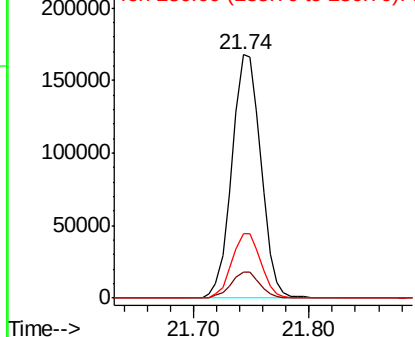


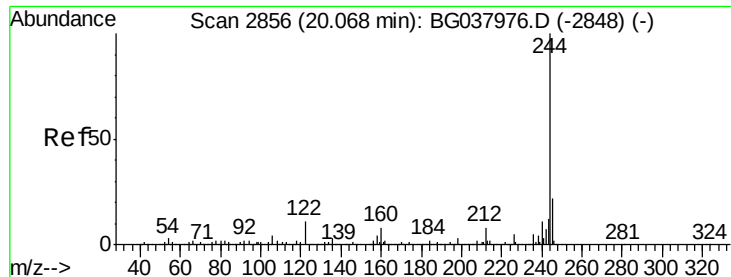
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG038014.D
 Acq: 15 Nov 2018 2:12

Tgt Ion:240 Resp: 291794
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 26.7 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: 91.764 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

Instrument :

BNA_G

ClientSampleId :

PB114826BL

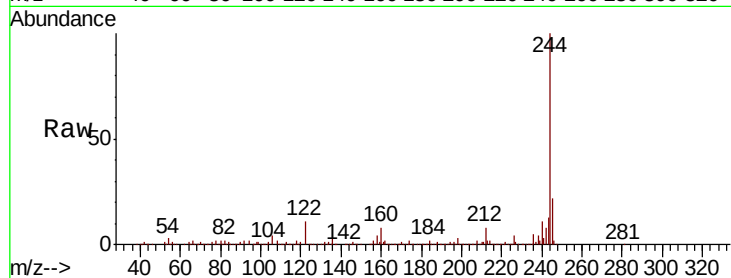
Tgt Ion:244 Resp: 1137959

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

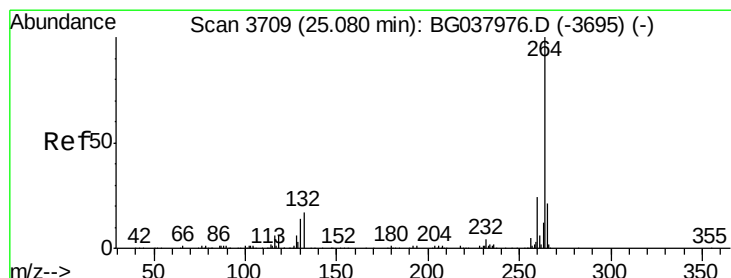
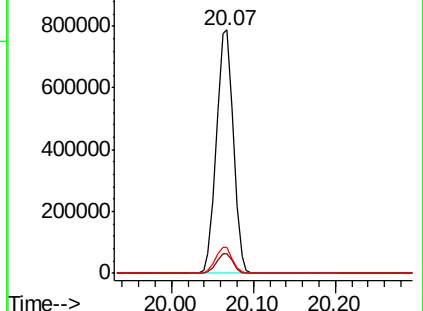
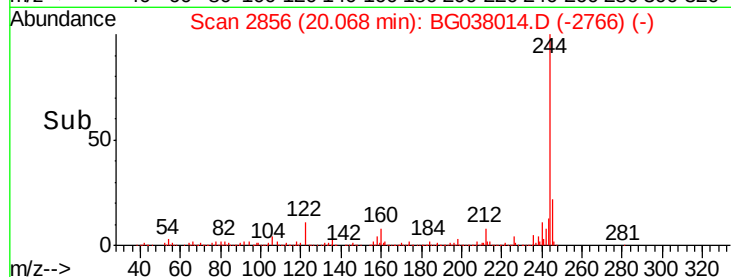
122 10.5 9.0 13.4



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: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038014.D

Acq: 15 Nov 2018 2:12

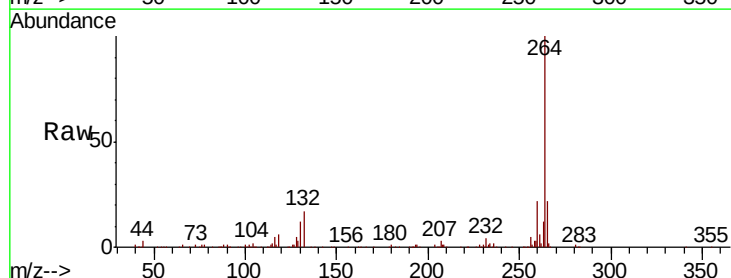
Tgt Ion:264 Resp: 291795

Ion Ratio Lower Upper

264 100

260 22.1 18.2 27.4

265 21.9 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

