

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
 Data File : BG038124.D
 Acq On : 21 Nov 2018 19:35
 Operator : JU/SJ
 Sample : PB115013TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115013TB

Quant Time: Nov 22 01:22:21 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

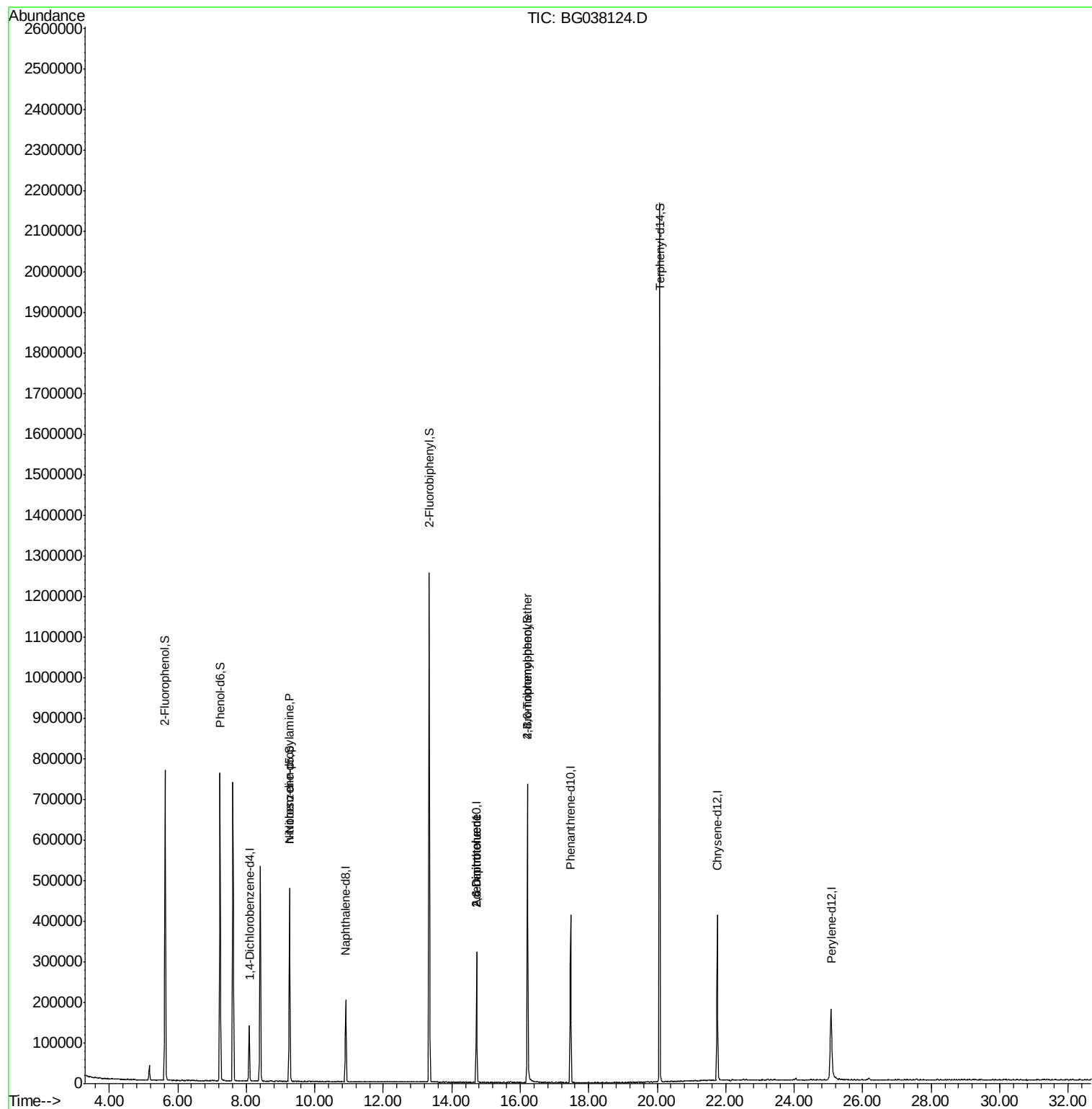
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	41058	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	179786	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113822	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	270124	20.00	ng	0.00
76) Chrysene-d12	21.75	240	257283	20.00	ng	0.00
87) Perylene-d12	25.07	264	247663	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	333833	140.38	ng	0.00
7) Phenol-d6	7.24	99	471781	138.98	ng	0.00
23) Nitrobenzene-d5	9.26	82	294708	87.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	141581	109.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	668363	85.55	ng	0.00
79) Terphenyl-d14	20.07	244	1019906	93.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	37205	15.148	ng	# 78
51) 2,6-Dinitrotoluene	14.72	165	14556	7.127	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	14556	5.238	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	9954	3.357	ng	# 1

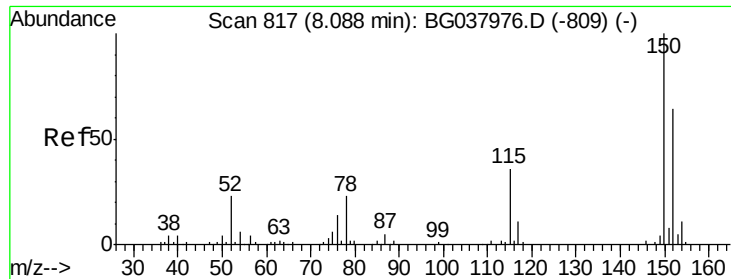
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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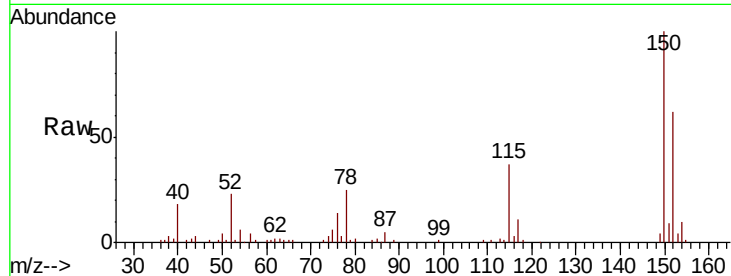


#1

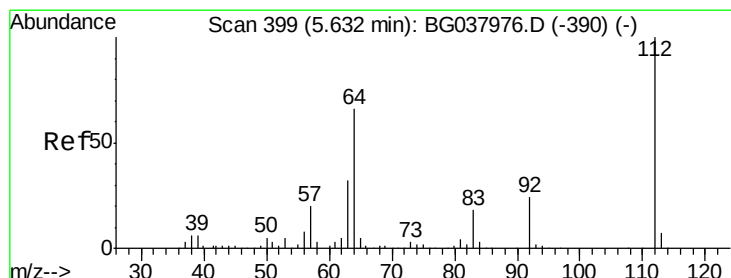
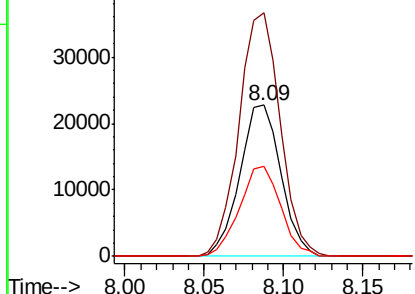
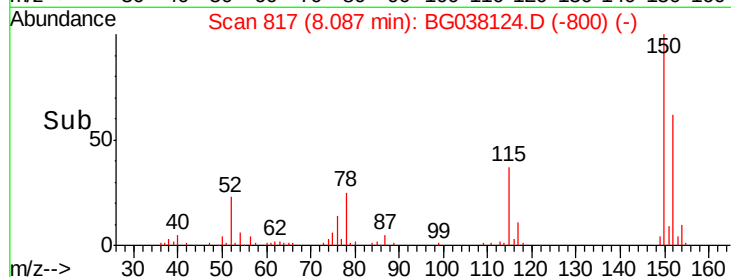
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB115013TB

Tgt Ion:152 Resp: 41058
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.0 189.0
 115 59.5 45.5 68.3



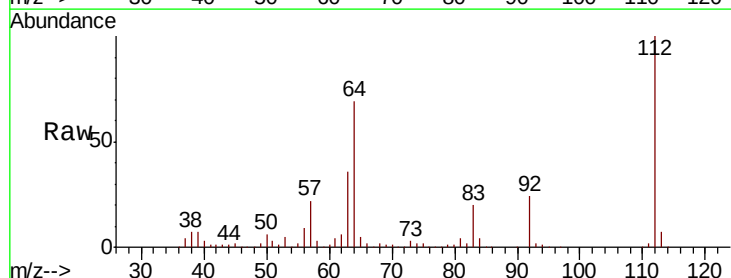
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



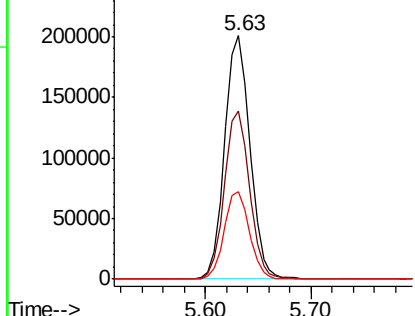
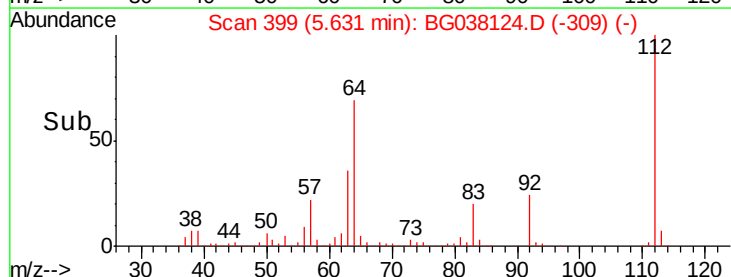
#5

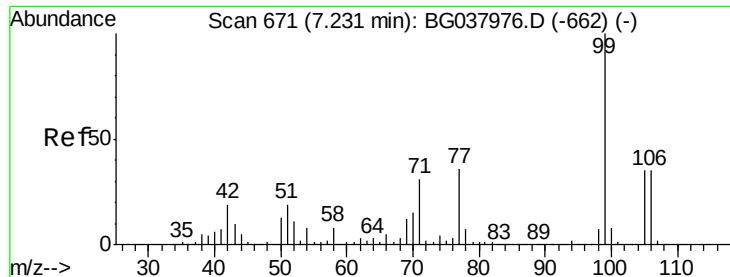
2-Fluorophenol
 Concen: 140.383 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Tgt Ion:112 Resp: 333833
 Ion Ratio Lower Upper
 112 100
 64 68.9 53.1 79.7
 63 35.9 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: 138.985 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB115013TB

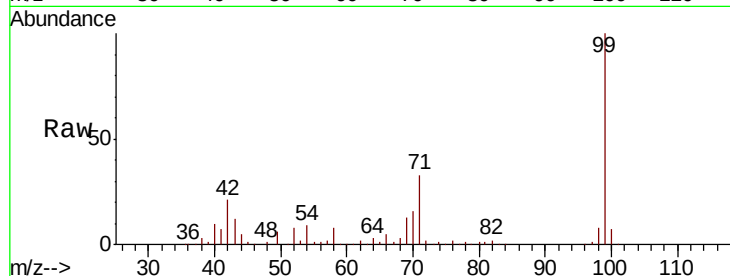
Tgt Ion: 99 Resp: 471781

Ion Ratio Lower Upper

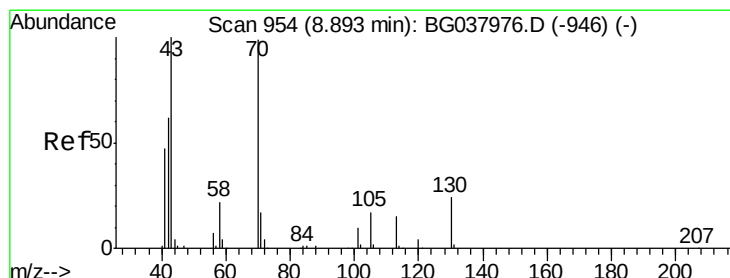
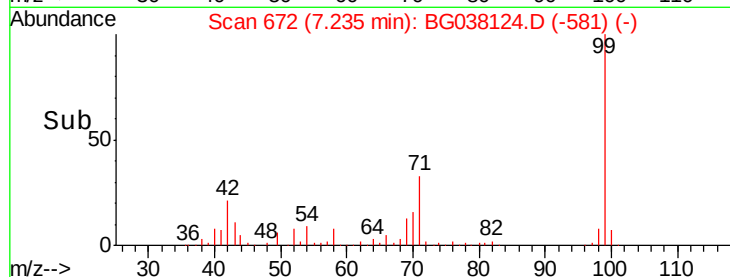
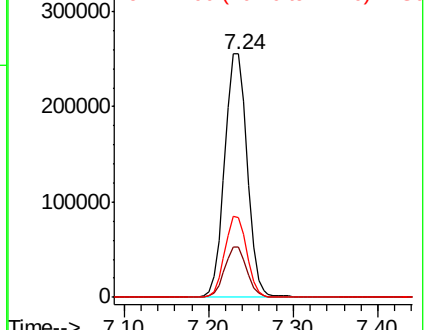
99 100

42 20.6 15.0 22.4

71 33.0 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: 15.148 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

Tgt Ion: 70 Resp: 37205

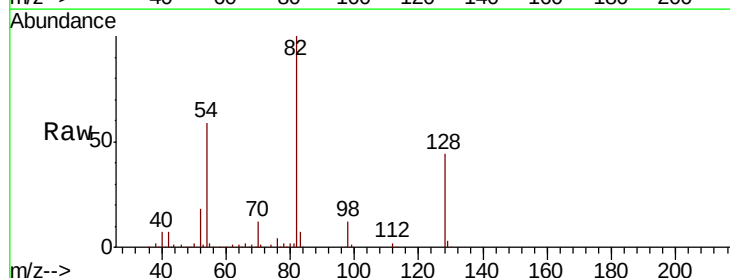
Ion Ratio Lower Upper

70 100

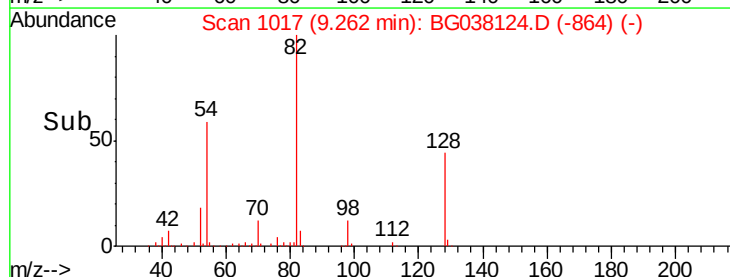
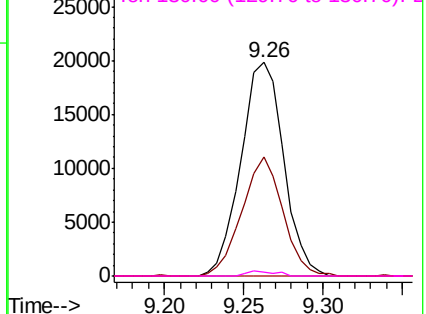
42 56.0 53.9 80.9

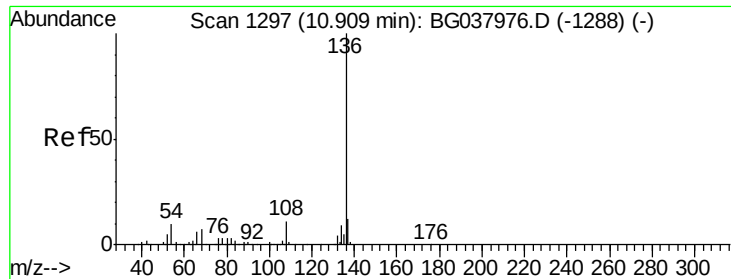
101 0.0 8.2 12.2#

130 1.5 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

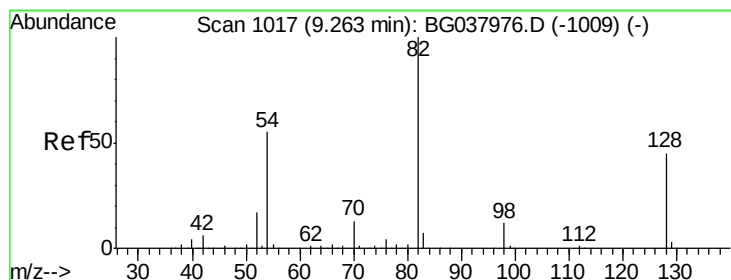
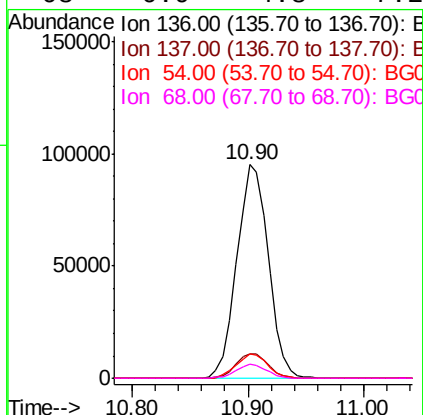
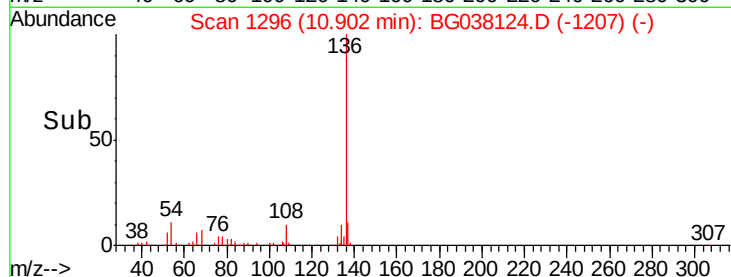
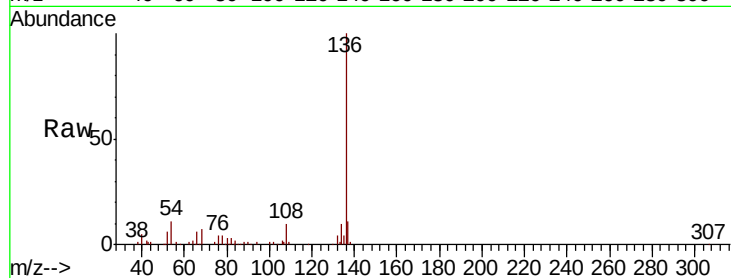




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038124.D
Acq: 21 Nov 2018 19:35

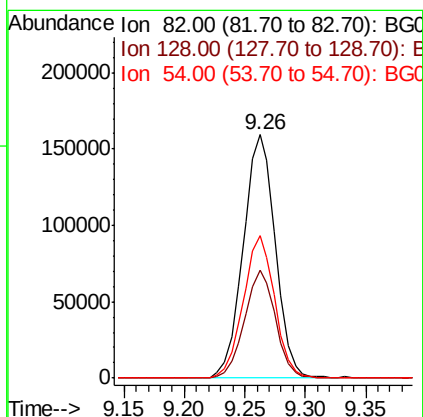
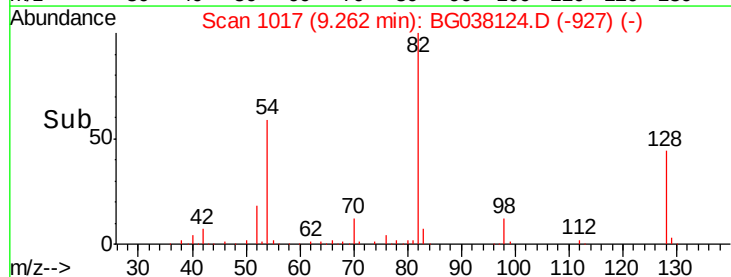
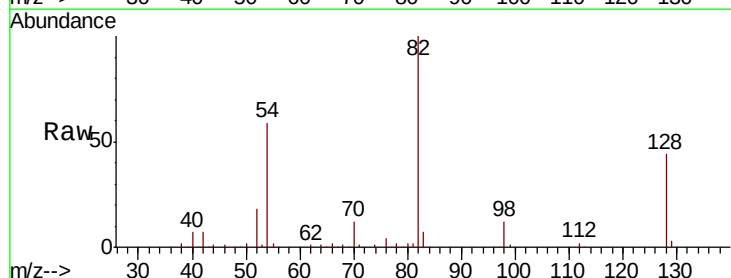
Instrument :
BNA_G
ClientSampleId :
PB115013TB

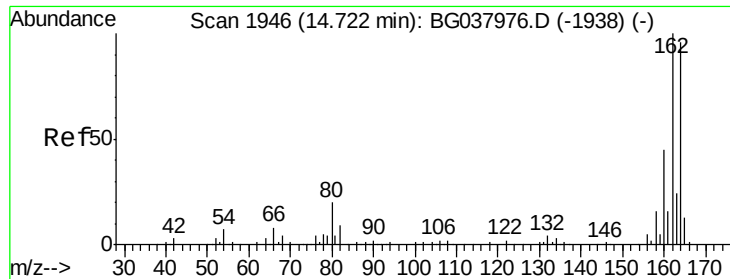
Tgt Ion:	136	Resp:	179786
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.3	7.9	11.9
68	6.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.748 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038124.D
Acq: 21 Nov 2018 19:35

Tgt Ion:	82	Resp:	294708
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	58.6	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: BG038124.D

Acq: 21 Nov 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB115013TB

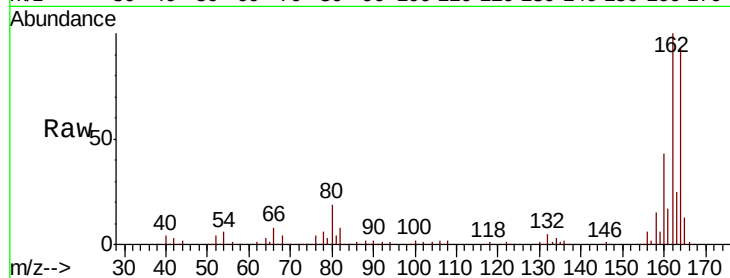
Tgt Ion:164 Resp: 113822

Ion Ratio Lower Upper

164 100

162 107.8 81.3 121.9

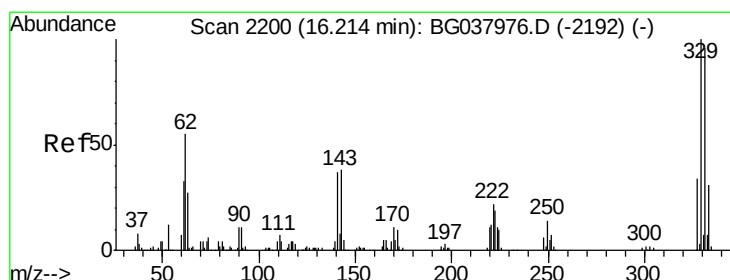
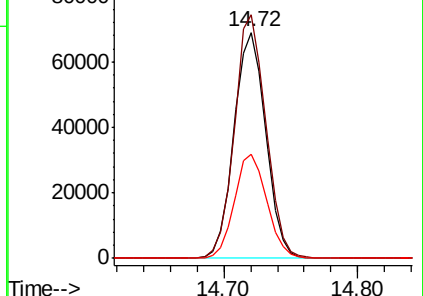
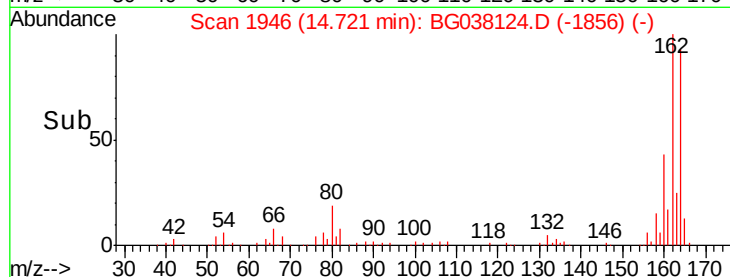
160 45.8 36.3 54.5



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: 109.067 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

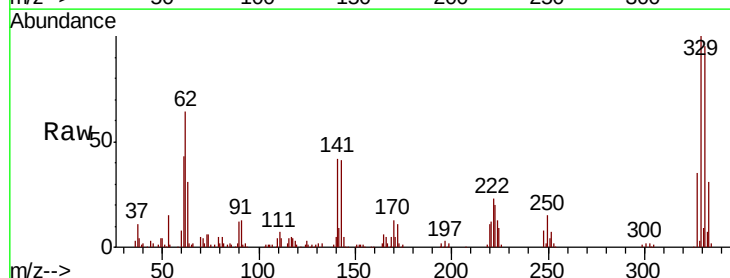
Tgt Ion:330 Resp: 141581

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

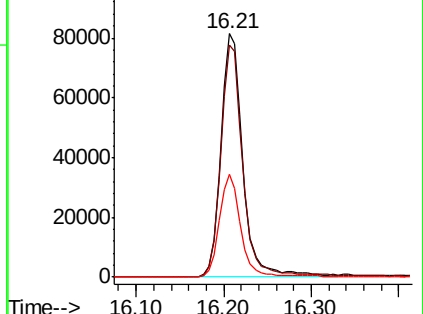
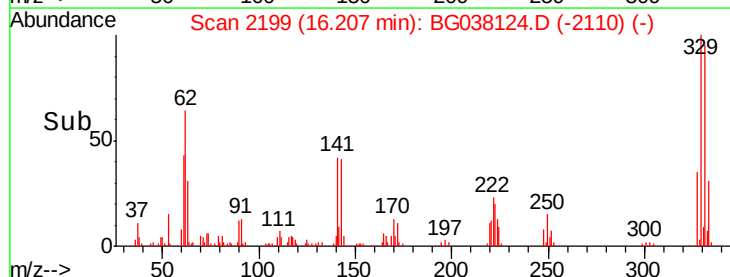
141 40.3 32.2 48.2

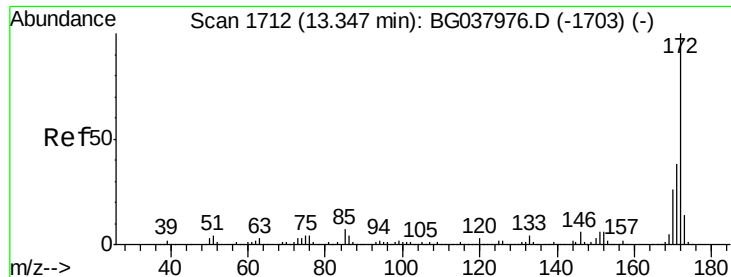


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

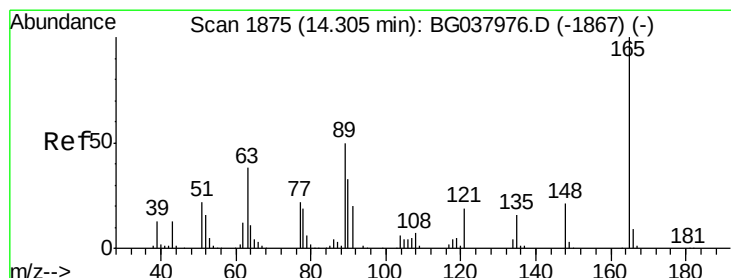
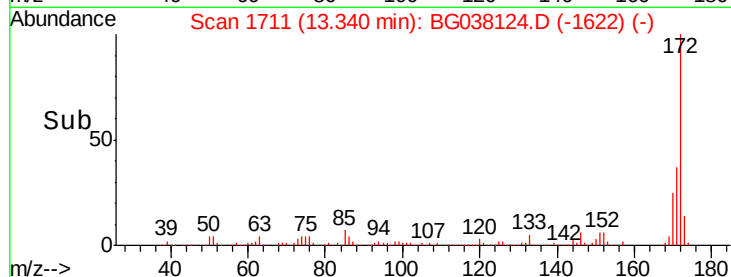
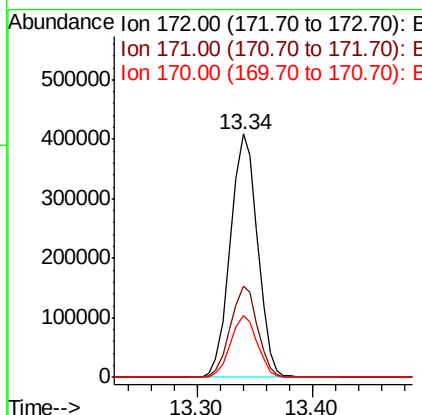
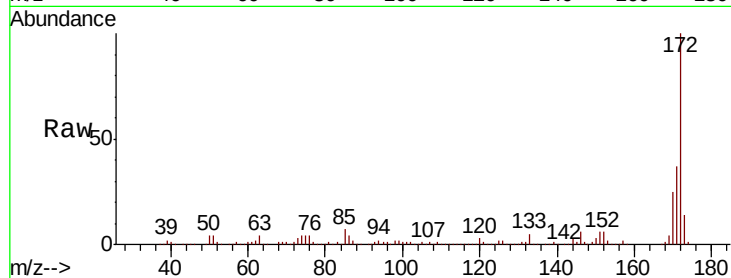




#45
 2-Fluorobiphenyl
 Concen: 85.546 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

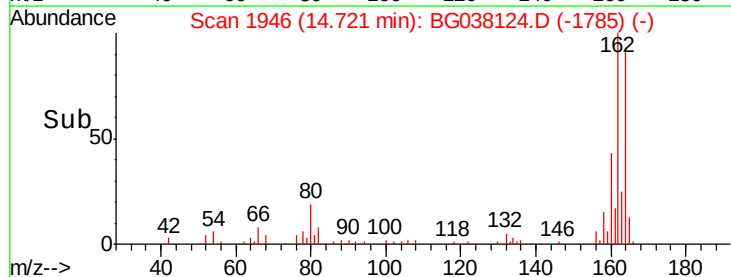
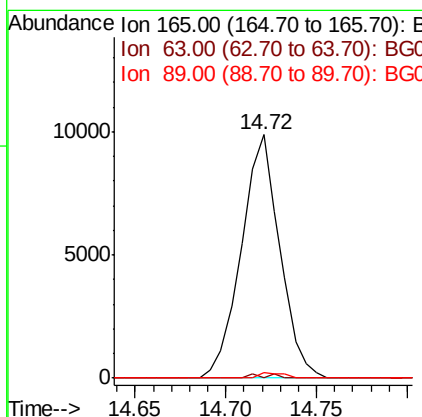
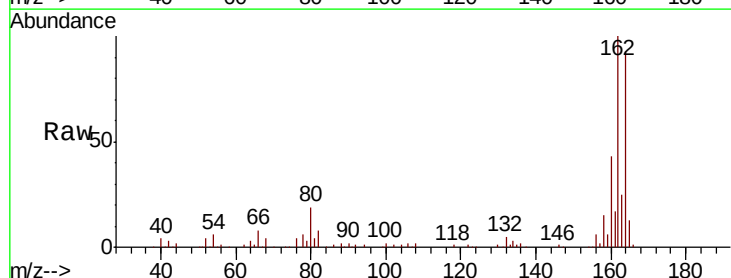
Instrument :
 BNA_G
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 PB115013TB

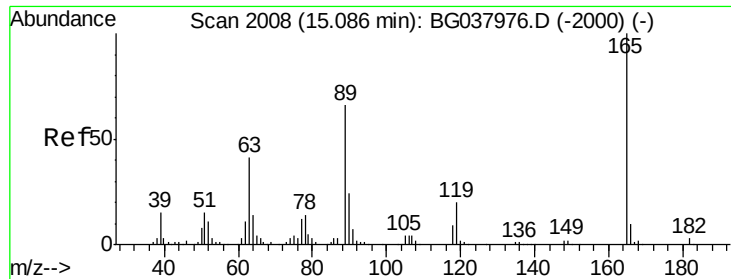
Tgt Ion:172 Resp: 668363
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.0 46.4
 170 25.4 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.127 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Tgt Ion:165 Resp: 14556
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 2.4 45.8 68.6#

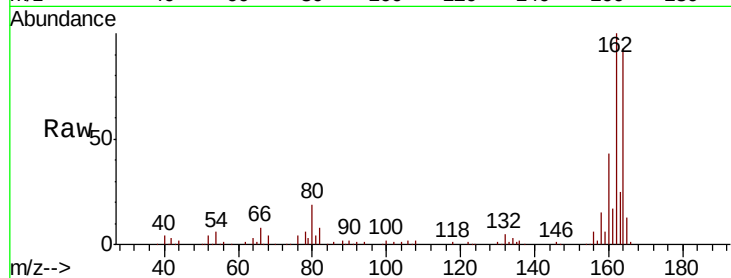




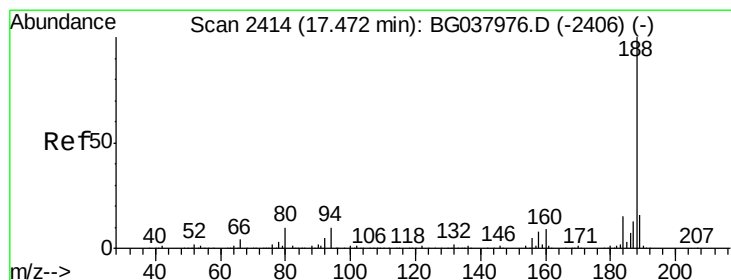
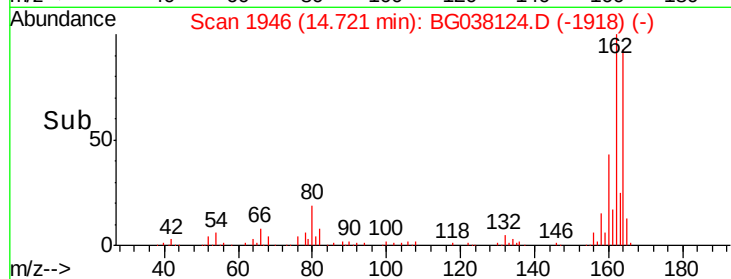
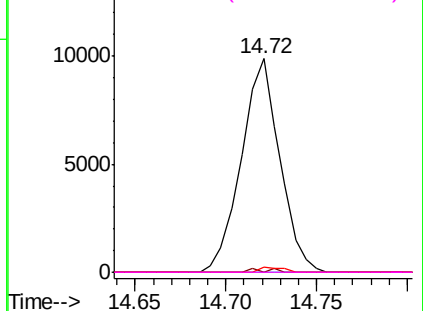
#57
 2,4-Dinitrotoluene
 Concen: 5.238 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB115013TB

Tgt Ion:	165	Resp:	14556
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.4	57.2	85.8#
182	0.0	2.6	4.0#

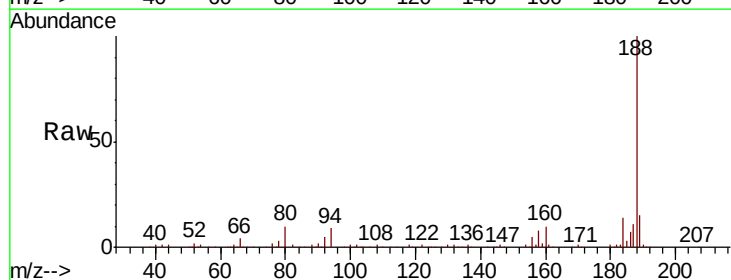


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

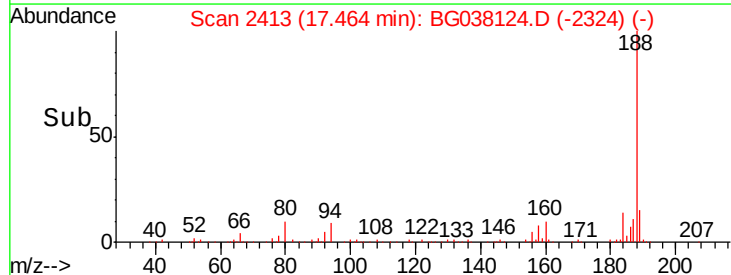
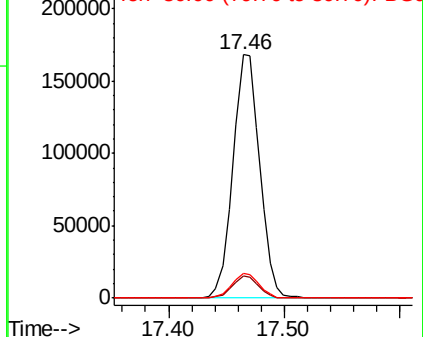


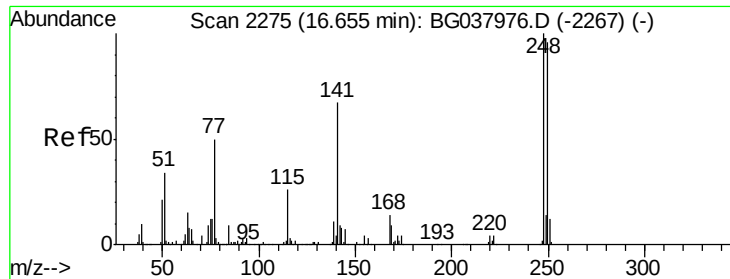
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Tgt Ion:	188	Resp:	270124
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	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

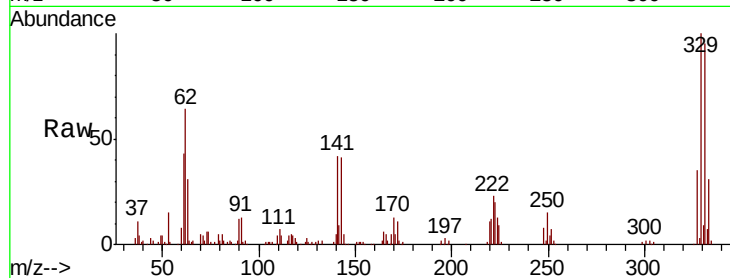




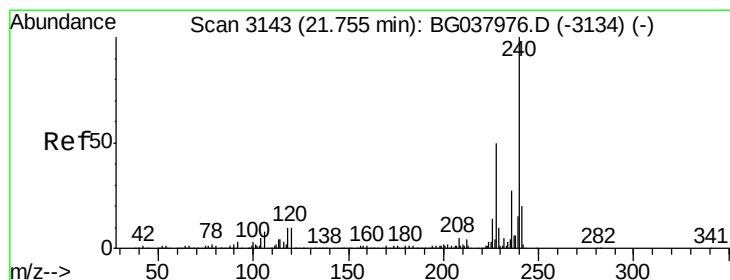
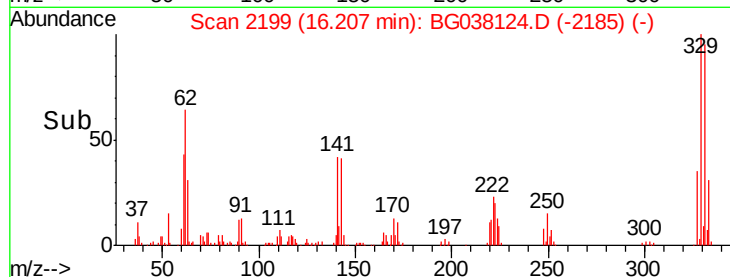
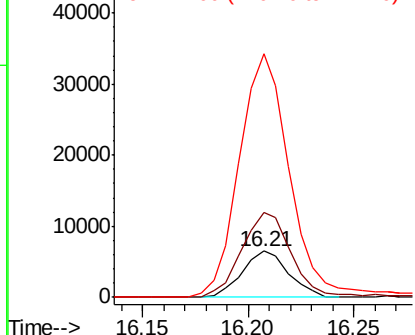
#67
 4-Bromophenyl-phenylether
 Concen: 3.357 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :
 PB115013TB

Tgt Ion:248 Resp: 9954
 Ion Ratio Lower Upper
 248 100
 250 190.1 77.0 115.6#
 141 427.6 55.5 83.3#

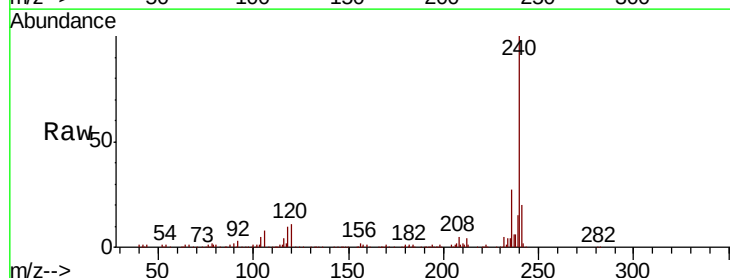


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

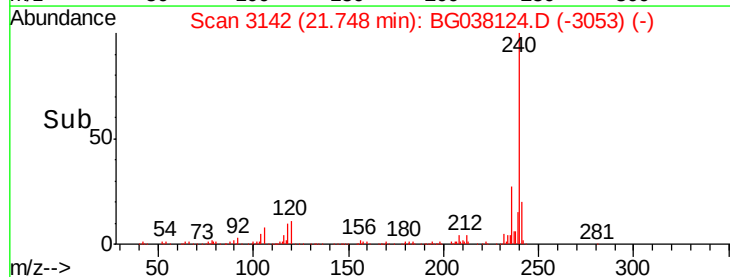
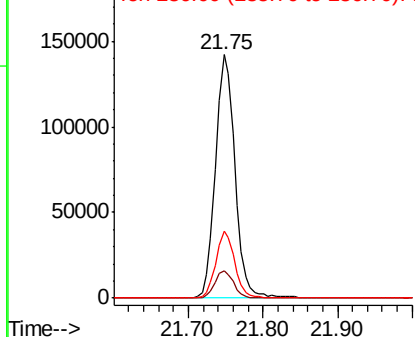


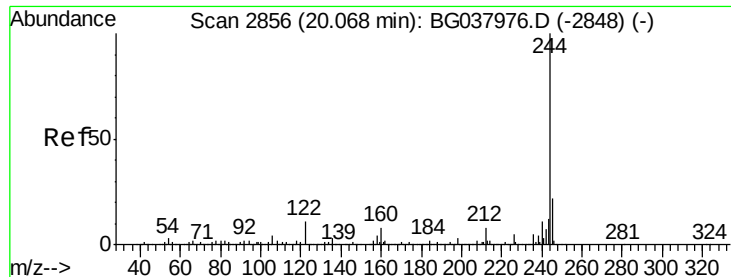
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038124.D
 Acq: 21 Nov 2018 19:35

Tgt Ion:240 Resp: 257283
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 27.4 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: 93.277 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

Instrument :

BNA_G

ClientSampleId :

PB115013TB

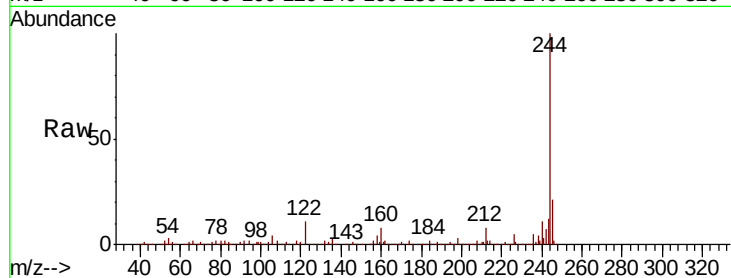
Tgt Ion:244 Resp: 1019906

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

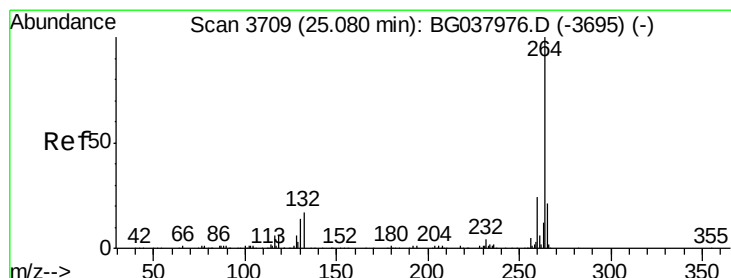
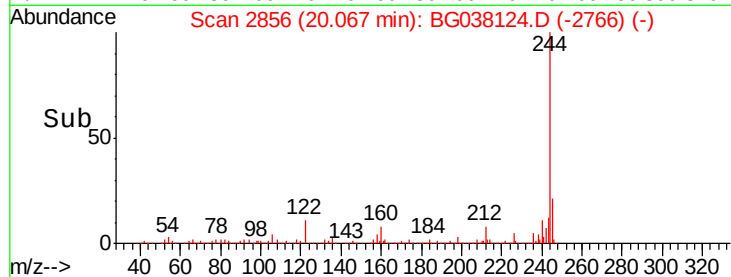
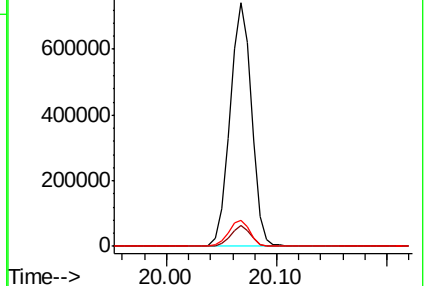
122 10.8 9.0 13.4



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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038124.D

Acq: 21 Nov 2018 19:35

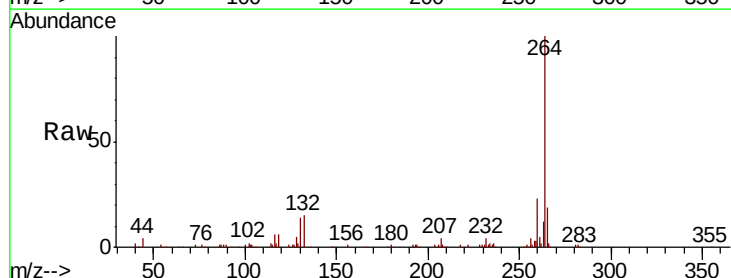
Tgt Ion:264 Resp: 247663

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 19.0 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

