

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121018\
 Data File : BG038446.D
 Acq On : 10 Dec 2018 19:38
 Operator : JU/SJ
 Sample : J6306-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB-16204

Quant Time: Dec 11 03:51:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

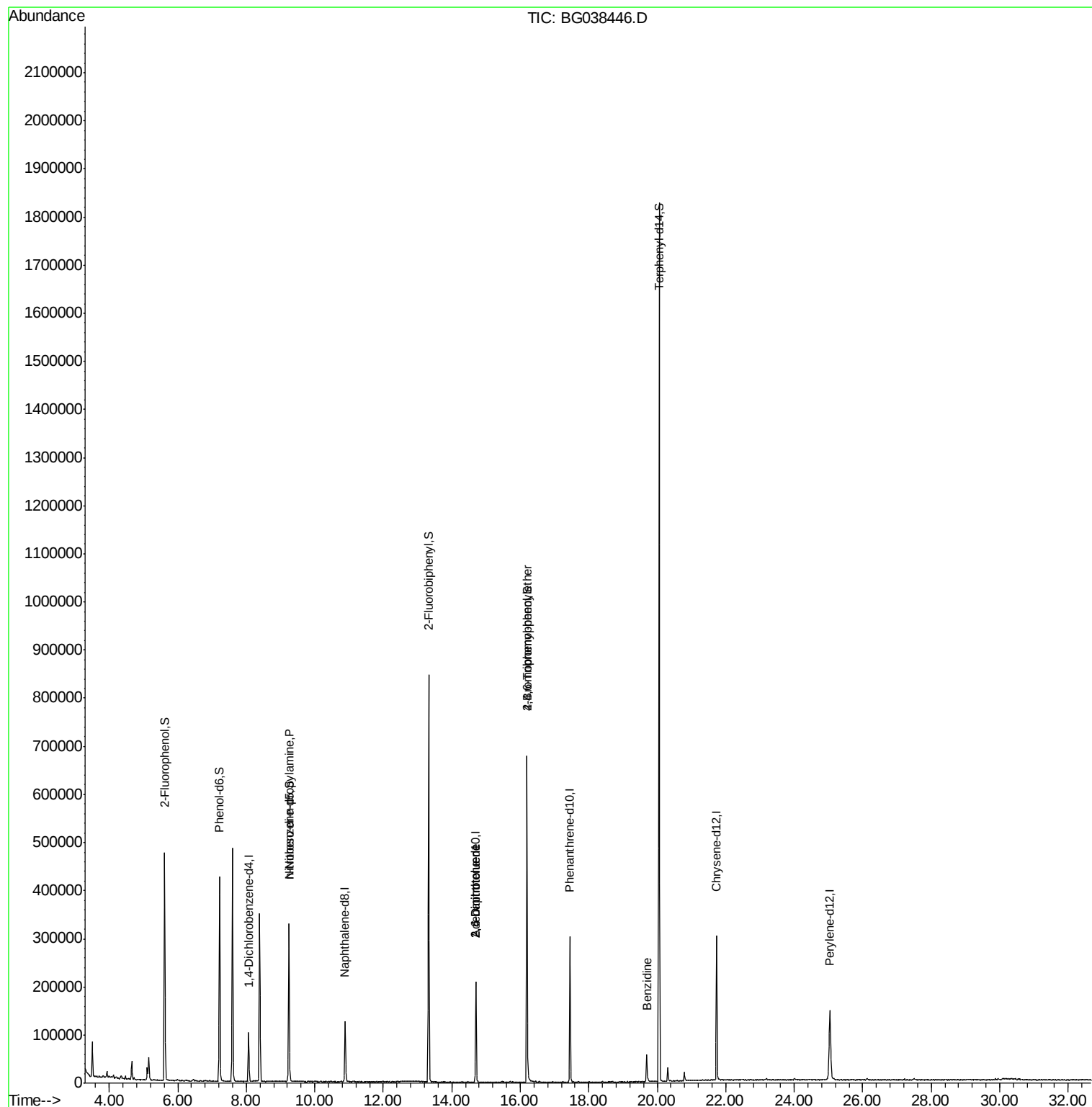
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27990	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	117545	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	76606	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	194406	20.00	ng	0.00
76) Chrysene-d12	21.73	240	193960	20.00	ng	-0.01
87) Perylene-d12	25.04	264	193065	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203105	128.41	ng	0.00
7) Phenol-d6	7.22	99	241189	105.50	ng	0.00
23) Nitrobenzene-d5	9.25	82	198159	83.70	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	136344	144.98	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	459467	85.46	ng	0.00
79) Terphenyl-d14	20.06	244	896944	99.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	25691	14.008	ng	Qvalue # 79
51) 2,6-Dinitrotoluene	14.70	165	9849	7.017	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	9849	5.088	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	9302	4.431	ng	# 1
77) Benzidine	19.69	184	48551	7.418	ng	99

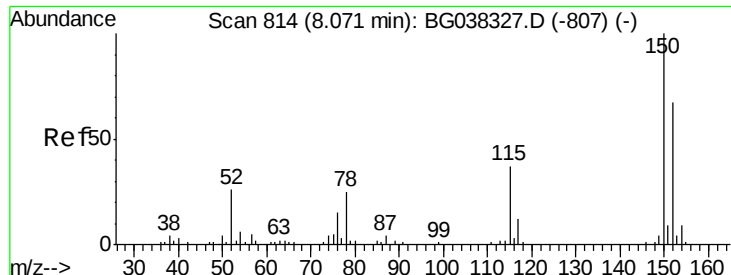
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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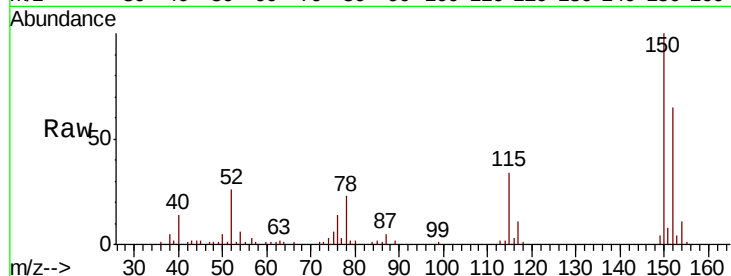




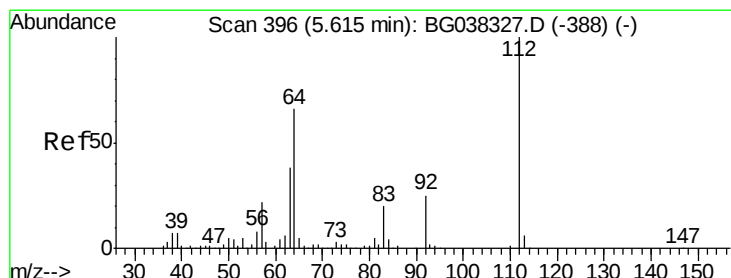
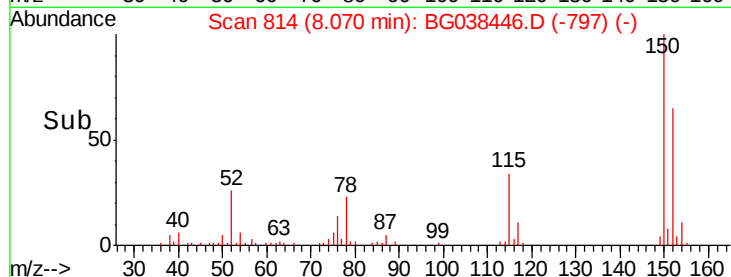
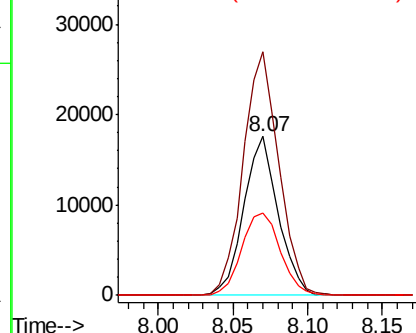
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 VB-16204

Tgt Ion:152 Resp: 27990
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.0 189.0
 115 51.7 45.5 68.3

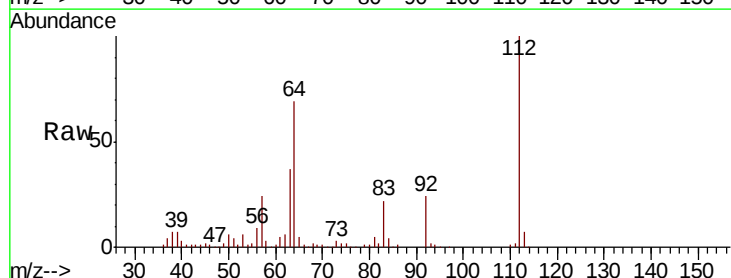


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

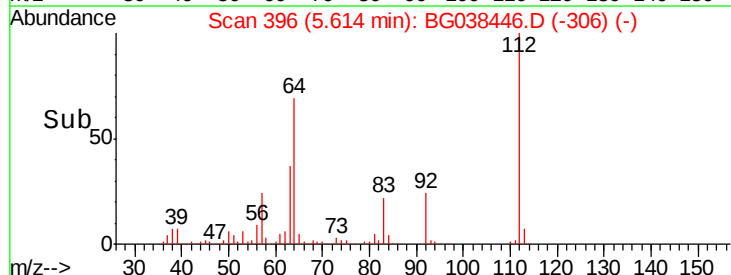
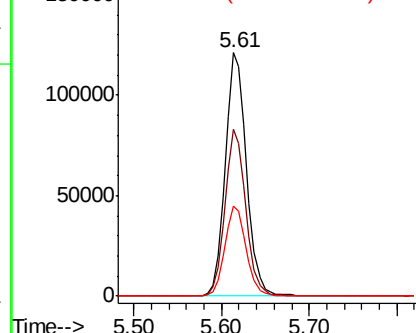


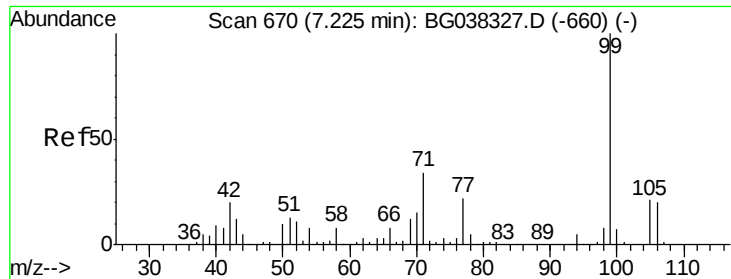
#5
 2-Fluorophenol
 Concen: 128.411 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Tgt Ion:112 Resp: 203105
 Ion Ratio Lower Upper
 112 100
 64 68.6 53.1 79.7
 63 37.2 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: 105.505 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

Instrument :

BNA_G

ClientSampleId :

VB-16204

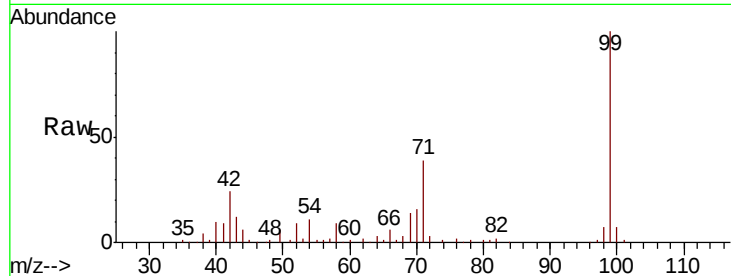
Tgt Ion: 99 Resp: 241189

Ion Ratio Lower Upper

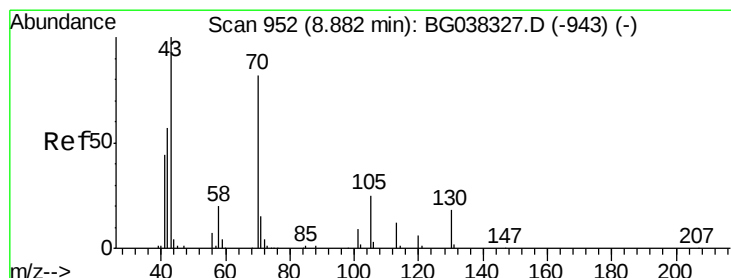
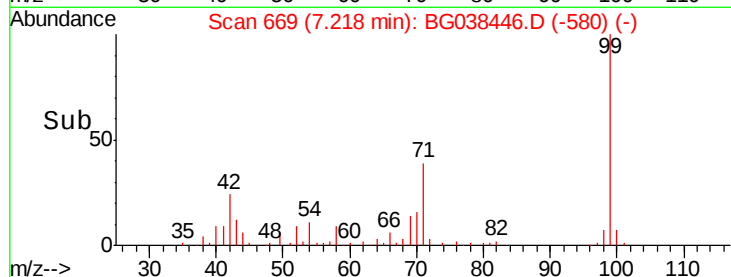
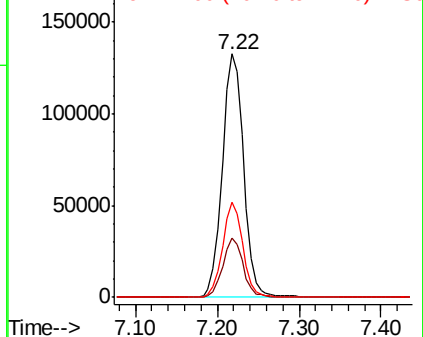
99 100

42 24.4 15.0 22.4#

71 39.0 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: 14.008 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

Tgt Ion: 70 Resp: 25691

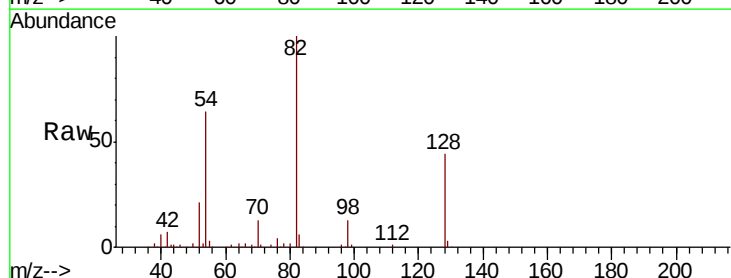
Ion Ratio Lower Upper

70 100

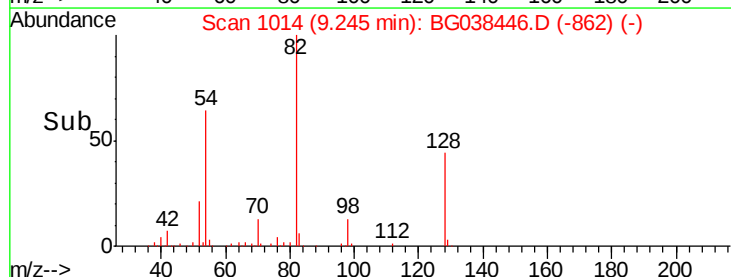
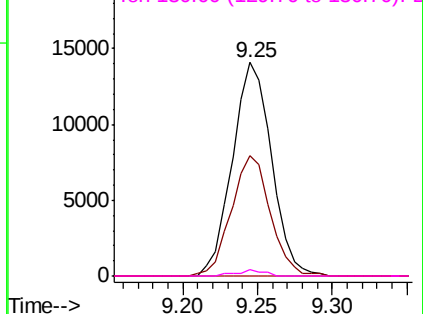
42 56.4 53.9 80.9

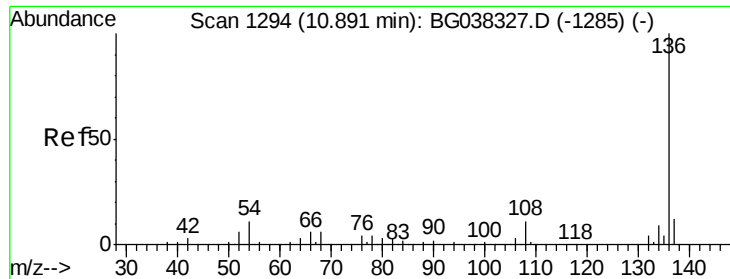
101 0.0 8.2 12.2#

130 2.9 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

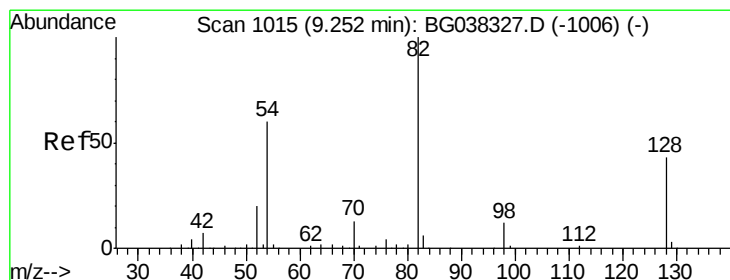
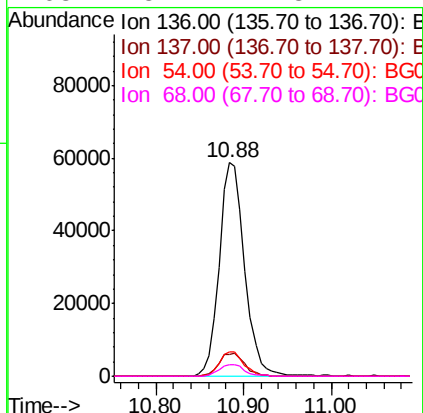
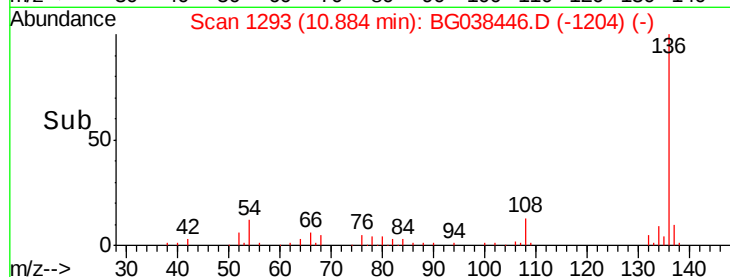
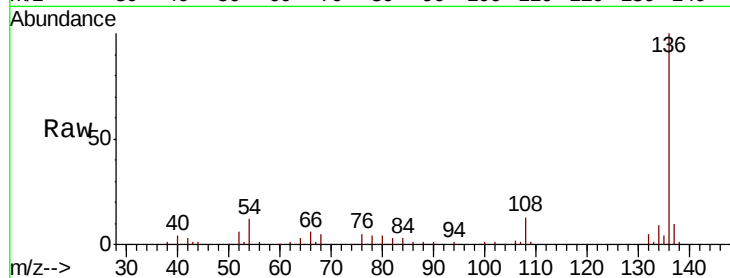




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

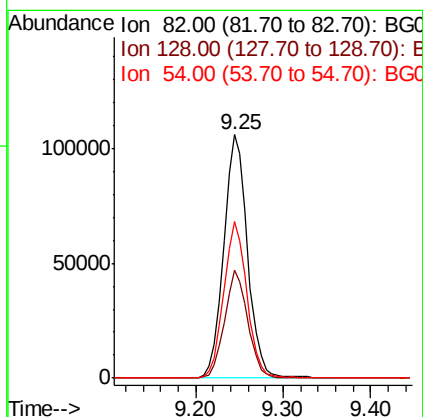
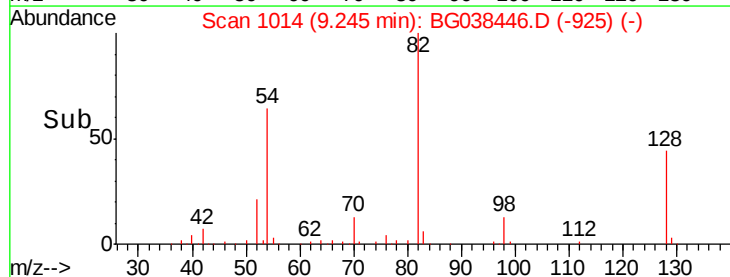
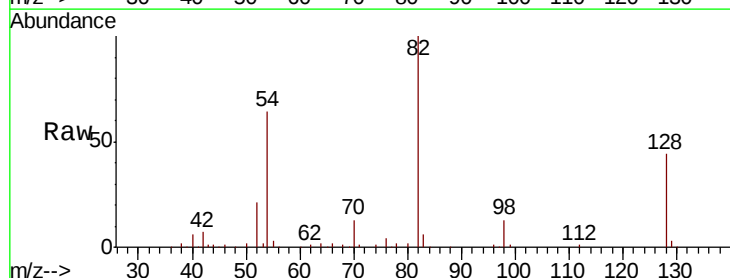
Instrument :
BNA_G
ClientSampleId :
VB-16204

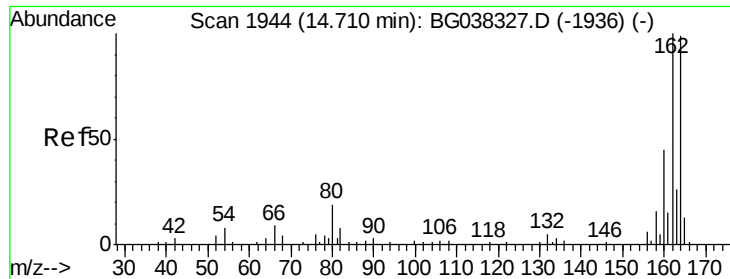
Tgt Ion:	136	Resp:	117545
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	11.6	7.9	11.9
68	5.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.697 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

Tgt Ion:	82	Resp:	198159
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	51.8
54	64.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

Instrument :

BNA_G

ClientSampleId :

VB-16204

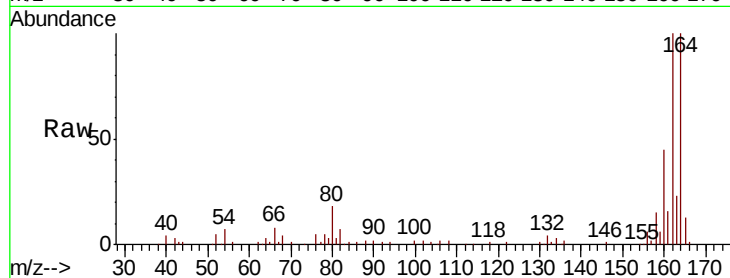
Tgt Ion:164 Resp: 76606

Ion Ratio Lower Upper

164 100

162 99.6 81.3 121.9

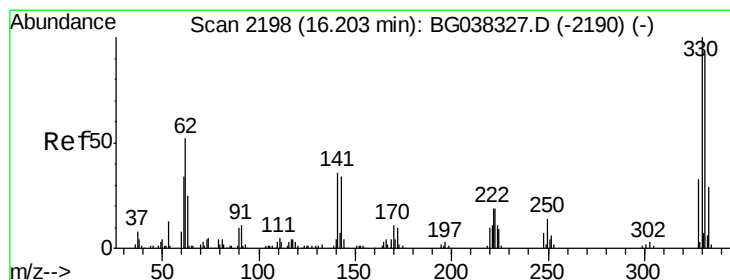
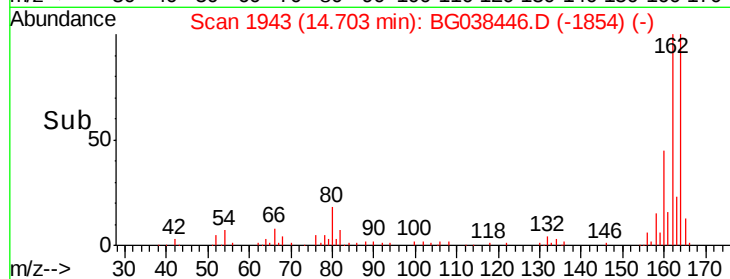
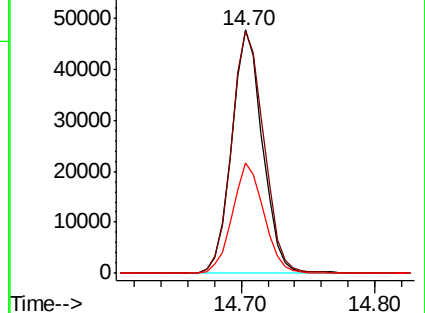
160 45.1 36.3 54.5



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: 144.980 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

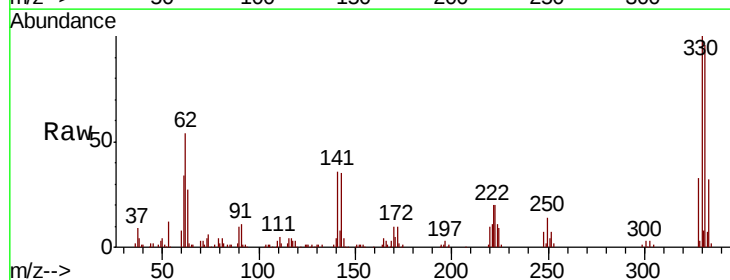
Tgt Ion:330 Resp: 136344

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

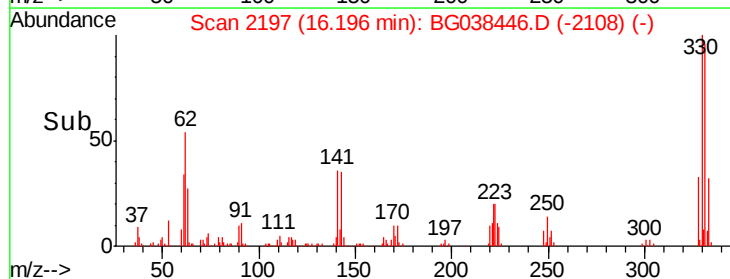
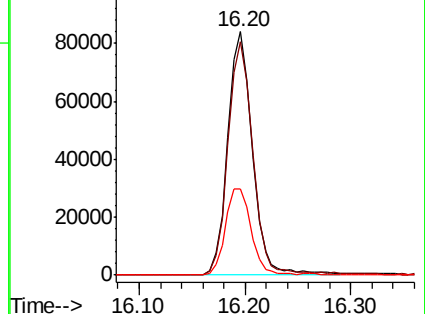
141 37.2 32.2 48.2

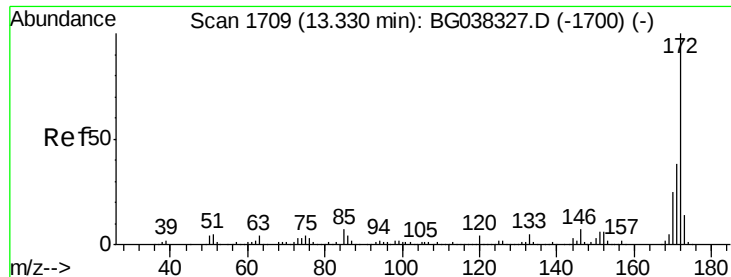


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

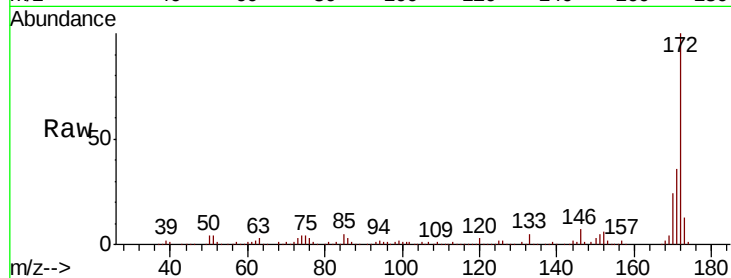




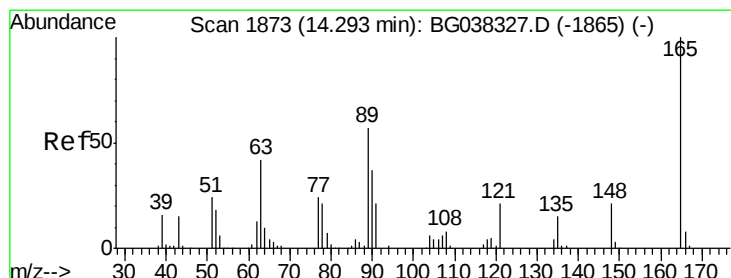
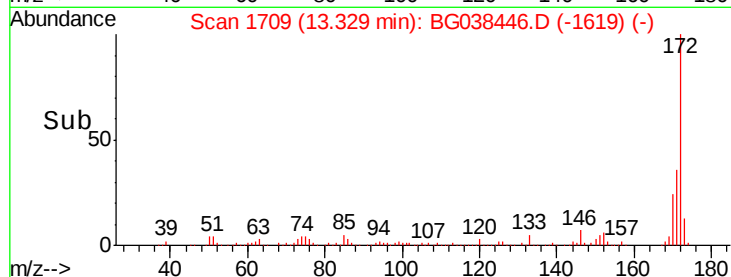
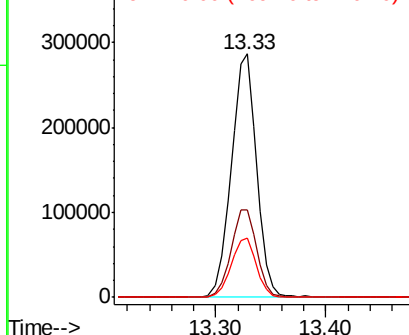
#45
 2-Fluorobiphenyl
 Concen: 85.463 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 VB-16204

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	31.0	46.4
170	24.5	20.2	30.2

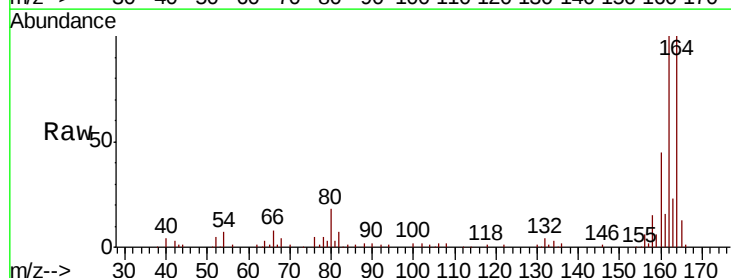


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

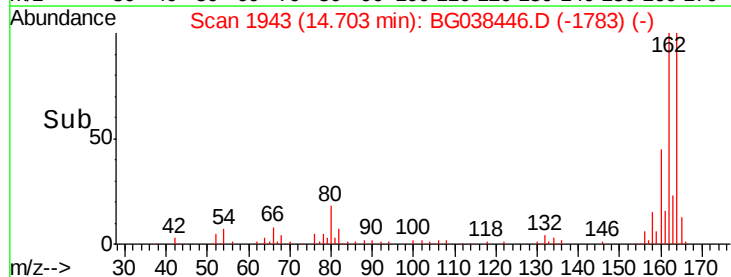
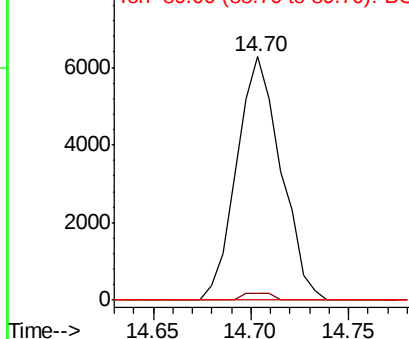


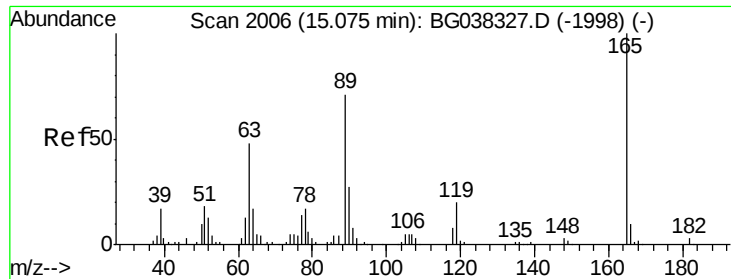
#51
 2,6-Dinitrotoluene
 Concen: 7.017 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Tgt 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

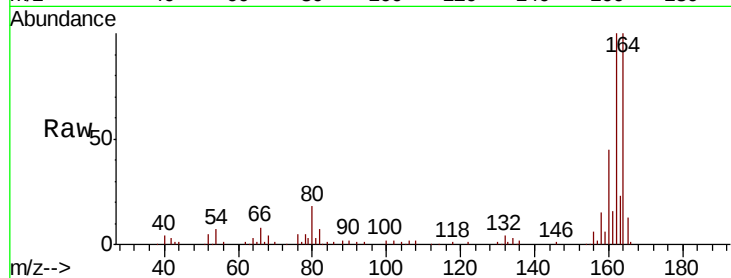




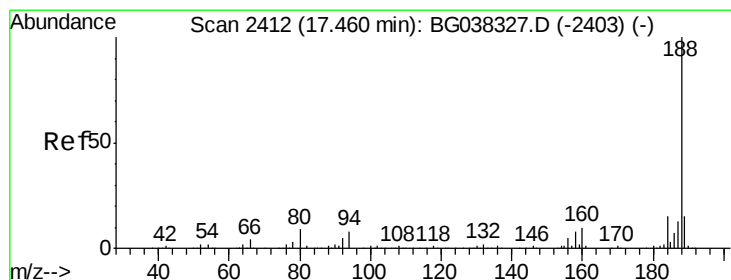
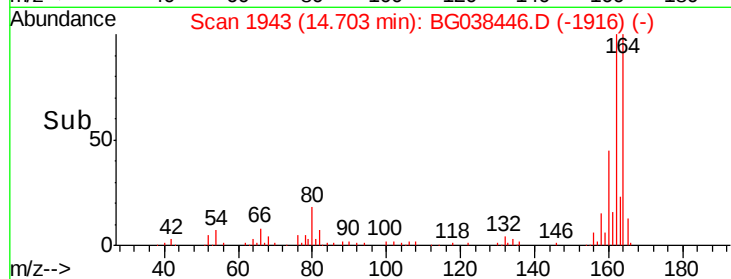
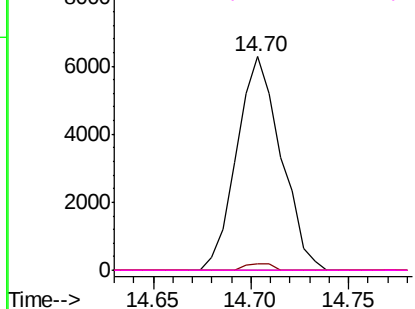
#57
 2,4-Dinitrotoluene
 Concen: 5.088 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:	165	Resp:	9849
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#

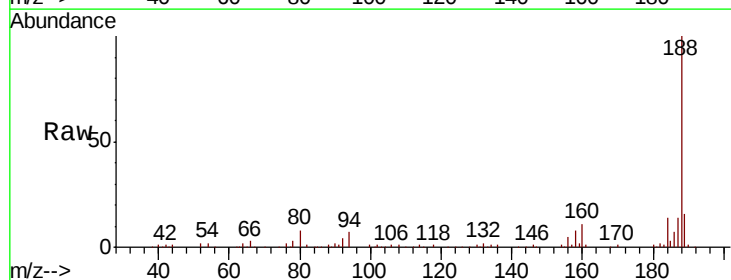


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

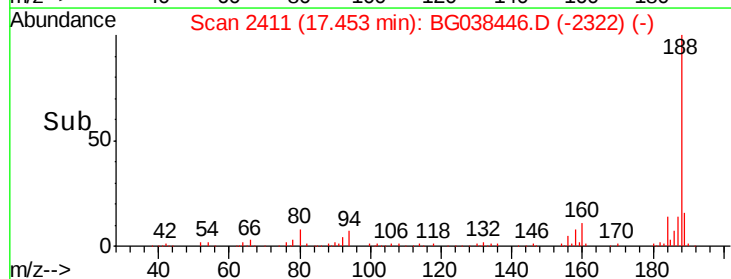
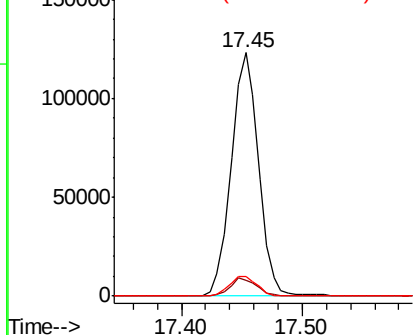


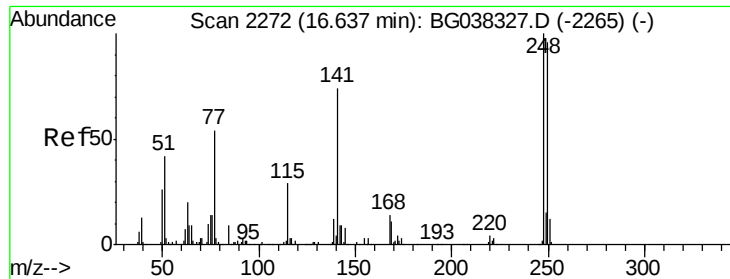
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038446.D
 Acq: 10 Dec 2018 19:38

Tgt Ion:	188	Resp:	194406
Ion	Ratio	Lower	Upper
188	100		
94	6.7	7.2	10.8#
80	8.0	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

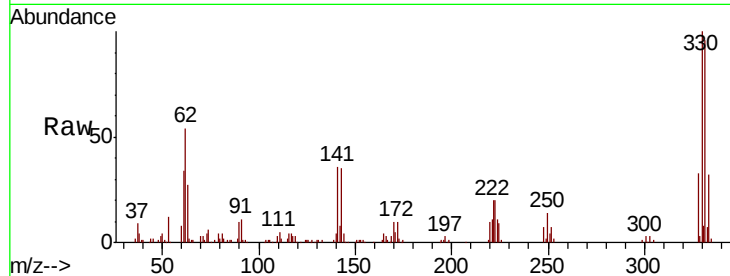




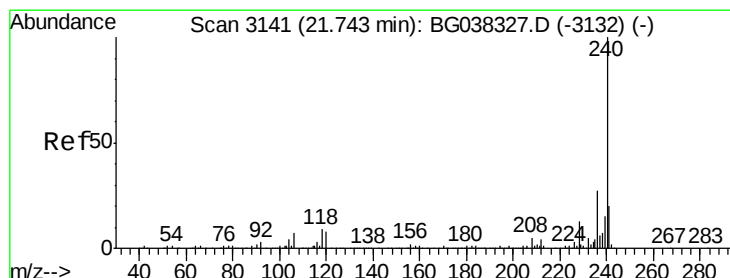
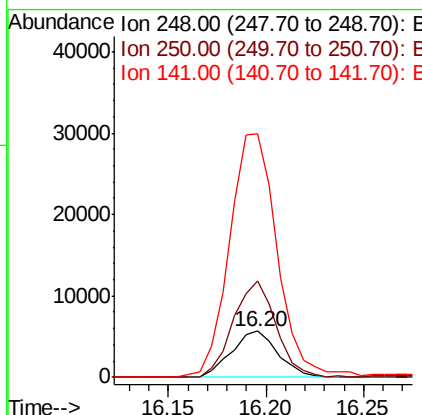
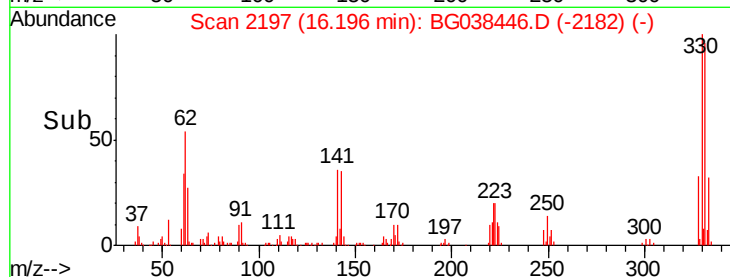
#67
4-Bromophenyl-phenylether
Concen: 4.431 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

Instrument :
BNA_G
ClientSampleId :
VB-16204

Tgt Ion:248 Resp: 9302
Ion Ratio Lower Upper
248 100
250 203.3 77.0 115.6#
141 394.1 55.5 83.3#

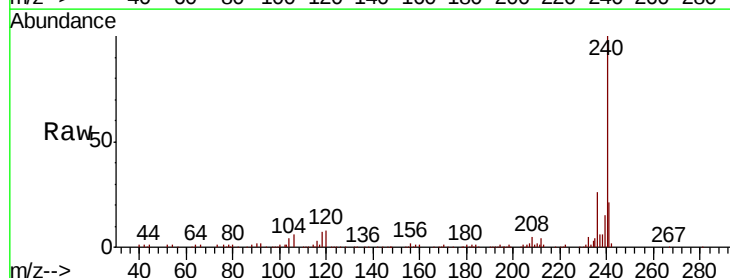


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

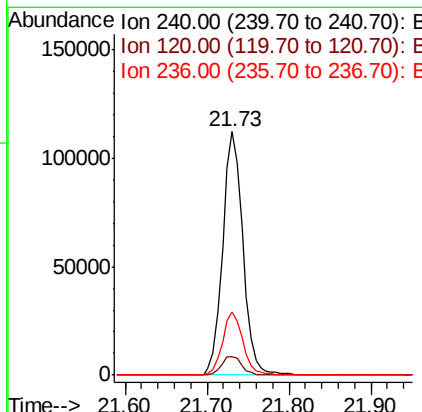
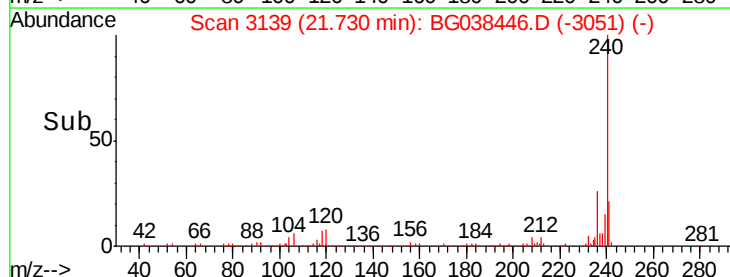


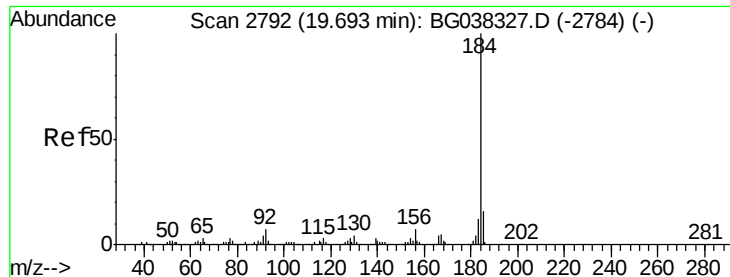
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

Tgt Ion:240 Resp: 193960
Ion Ratio Lower Upper
240 100
120 7.6 8.1 12.1#
236 25.8 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





#77

Benzidine

Concen: 7.418 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

Instrument :

BNA_G

ClientSampleId :

VB-16204

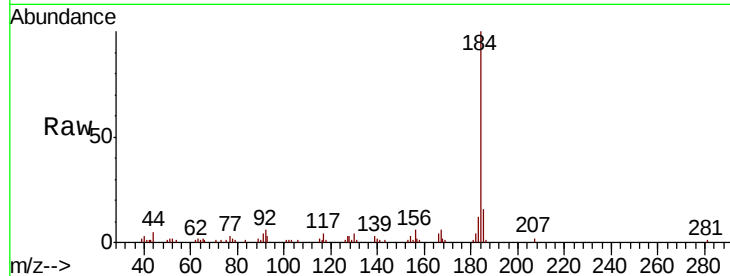
Tgt Ion:184 Resp: 48551

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

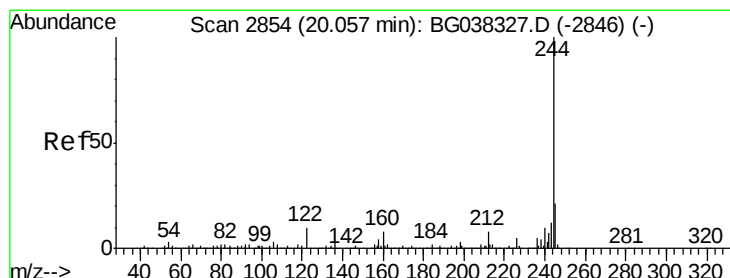
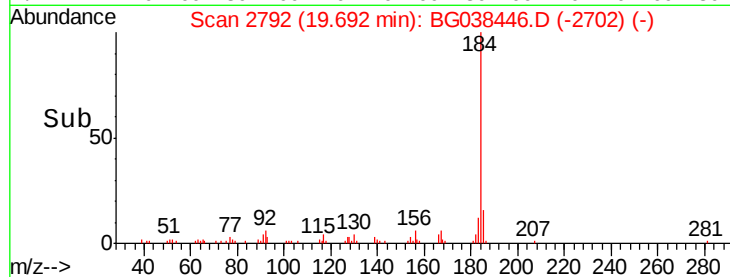
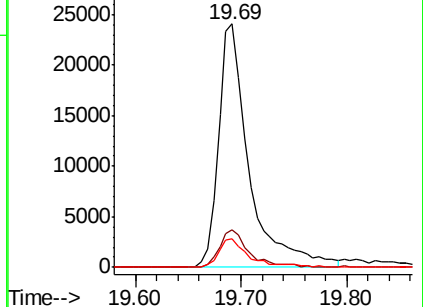
183 11.9 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 99.066 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038446.D

Acq: 10 Dec 2018 19:38

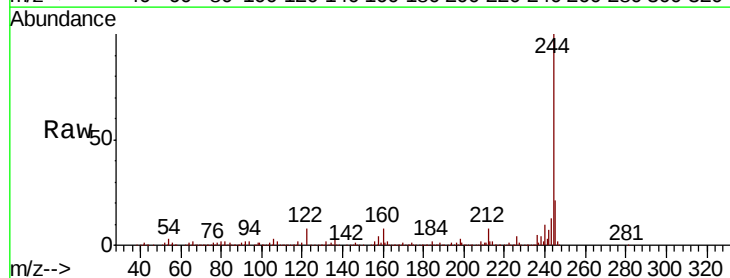
Tgt Ion:244 Resp: 896944

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

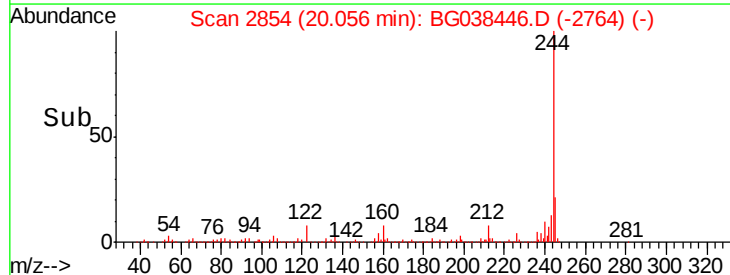
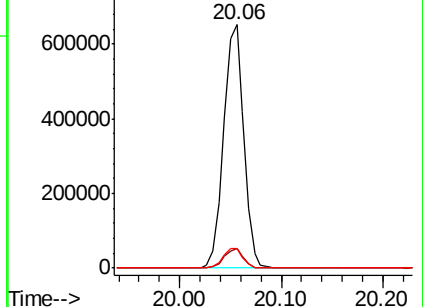
122 8.0 9.0 13.4#

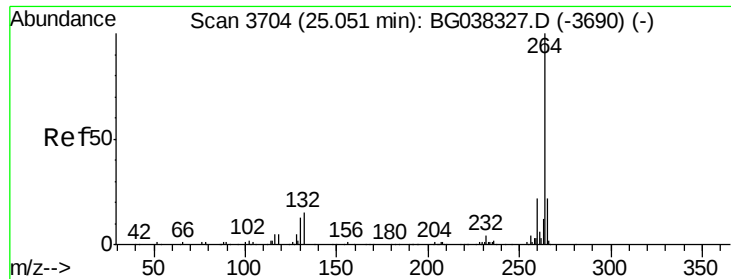


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038446.D
Acq: 10 Dec 2018 19:38

Instrument :
BNA_G
ClientSampleId :
VB-16204

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.5	17.9	26.9

