

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038363.D
 Acq On : 5 Dec 2018 16:57
 Operator : JU/SJ
 Sample : PB115249TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 17:48:24 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

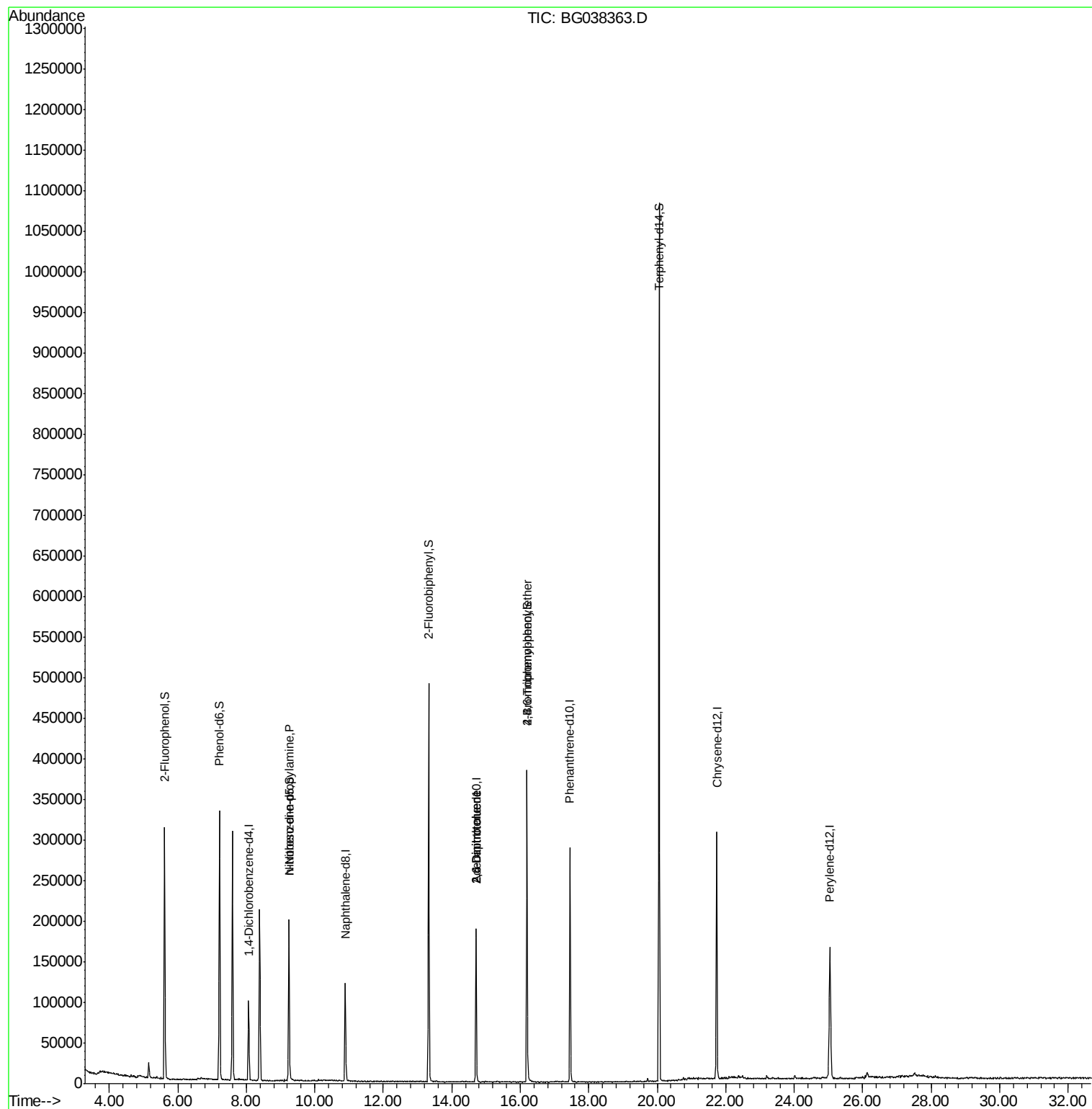
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	29428	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	115686	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	69099	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	189959	20.00	ng	0.00
76) Chrysene-d12	21.74	240	192682	20.00	ng	0.00
87) Perylene-d12	25.05	264	192447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	135477	81.47	ng	0.00
7) Phenol-d6	7.22	99	196645	81.82	ng	0.00
23) Nitrobenzene-d5	9.25	82	126108	54.12	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	75275	88.74	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	278127	57.35	ng	0.00
79) Terphenyl-d14	20.06	244	538258	59.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	15702	7.213	ng	# 80
51) 2,6-Dinitrotoluene	14.71	165	8824	6.970	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	8824	5.053	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	5263	2.566	ng	# 1

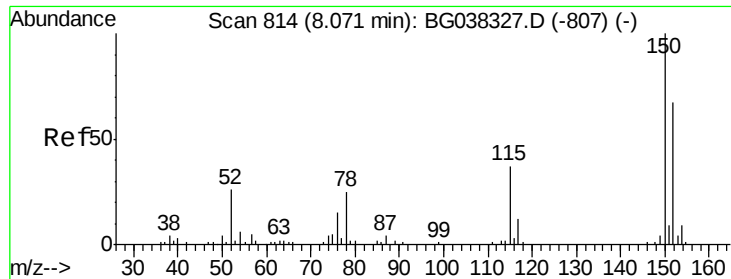
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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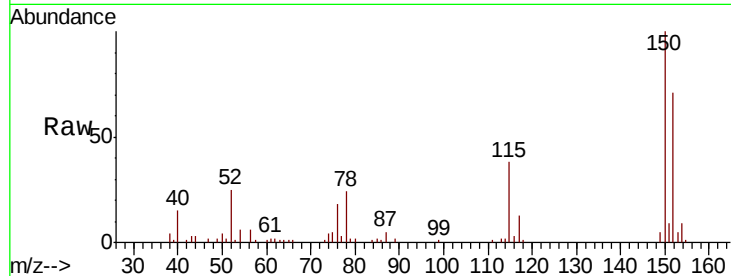


#1

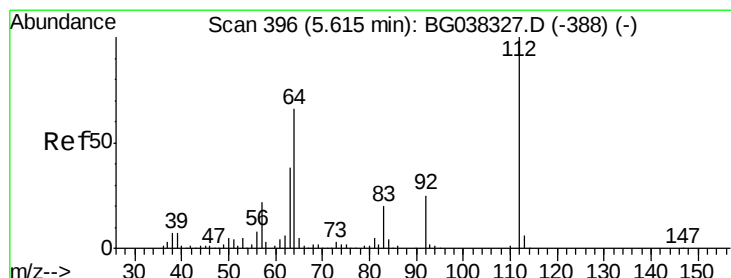
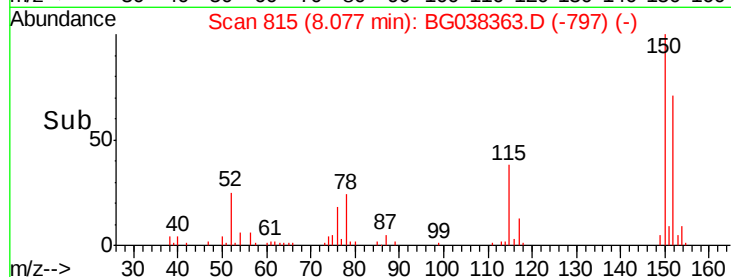
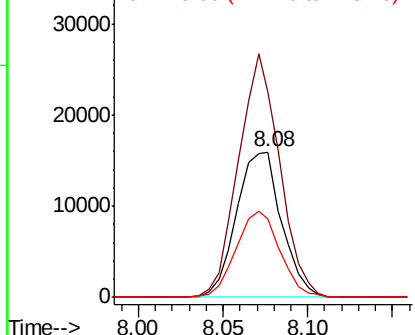
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. 0.01 min
Lab File: BG038363.D
Acq: 5 Dec 2018 16:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29428
Ion Ratio Lower Upper
152 100
150 141.0 126.0 189.0
115 54.2 45.5 68.3



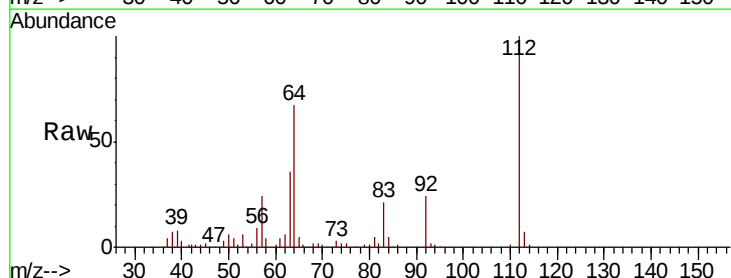
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



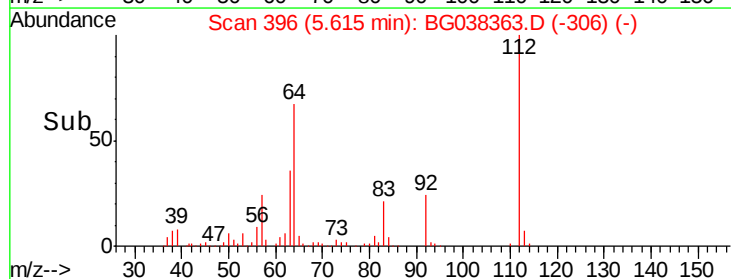
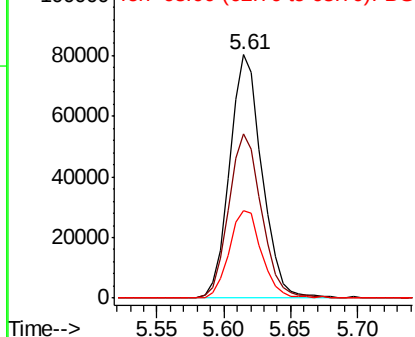
#5

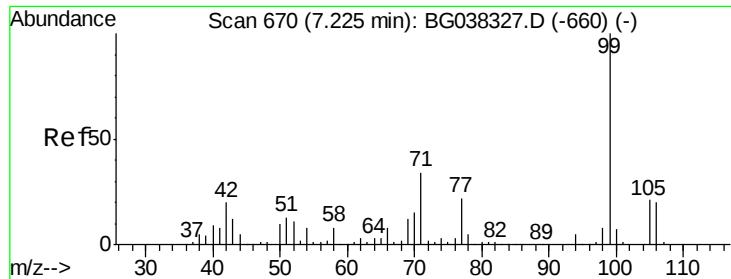
2-Fluorophenol
Concen: 81.469 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038363.D
Acq: 5 Dec 2018 16:57

Tgt Ion:112 Resp: 135477
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 36.0 27.3 40.9



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





#7

Phenol-d6

Concen: 81.816 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038363.D

Acq: 5 Dec 2018 16:57

Instrument :

BNA_G

ClientSampled :

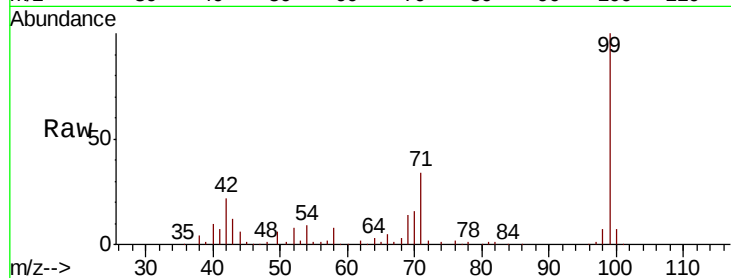
Tot Ion: 99 Resp: 196645

Ion Ratio Lower Upper

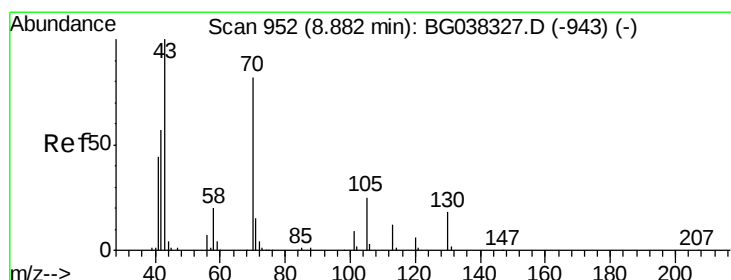
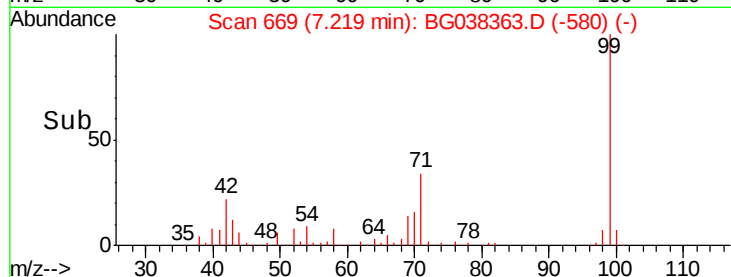
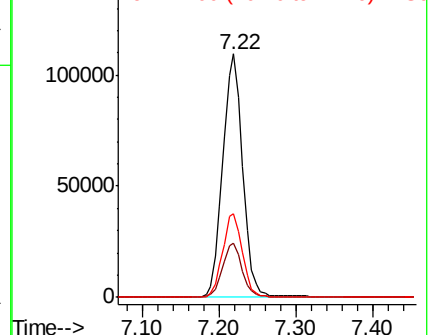
99 100

42 22.4 15.0 22.4

71 34.2 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: 7.213 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038363.D

Acq: 5 Dec 2018 16:57

Tgt Ion: 70 Resp: 15702

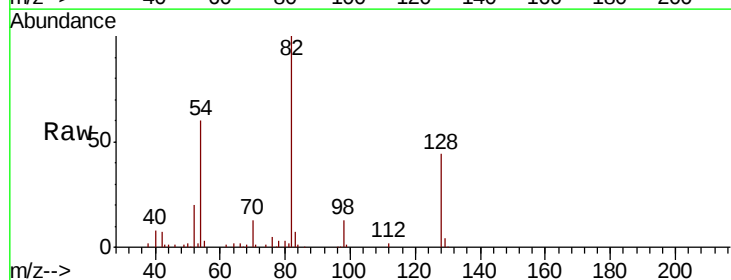
Ion Ratio Lower Upper

70 100

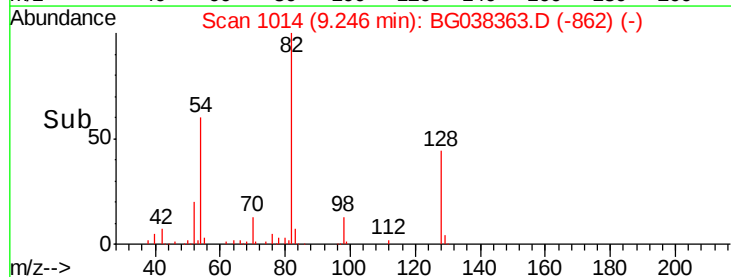
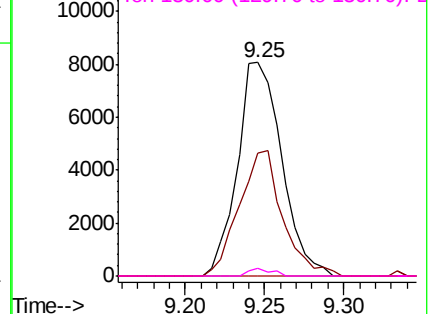
42 57.4 53.9 80.9

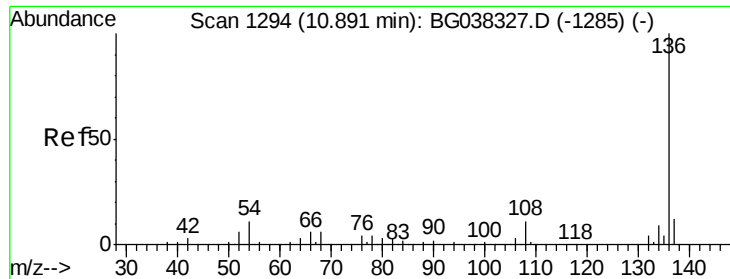
101 0.0 8.2 12.2#

130 3.7 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

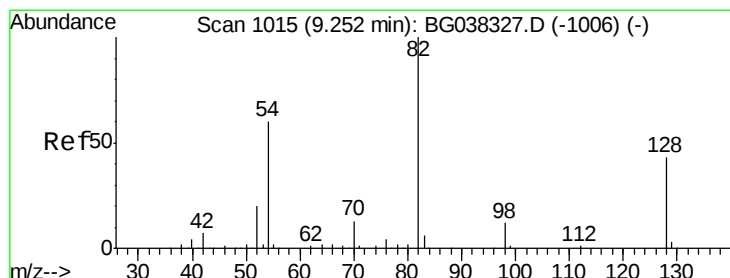
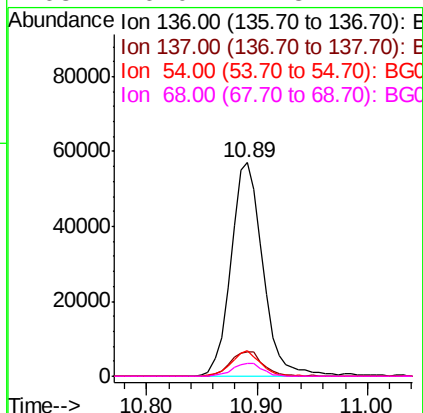
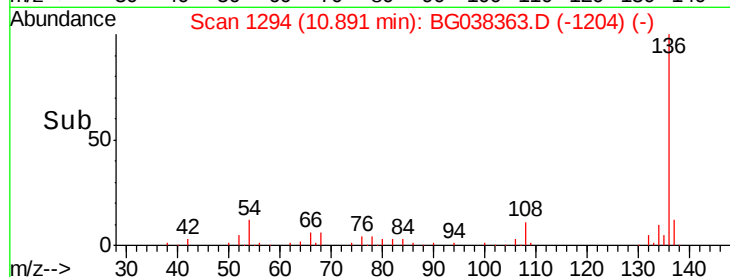
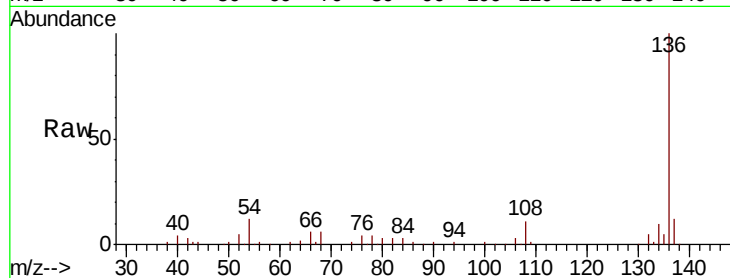




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038363.D
Acq: 5 Dec 2018 16:57

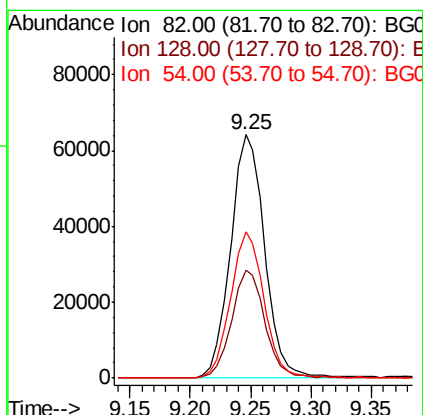
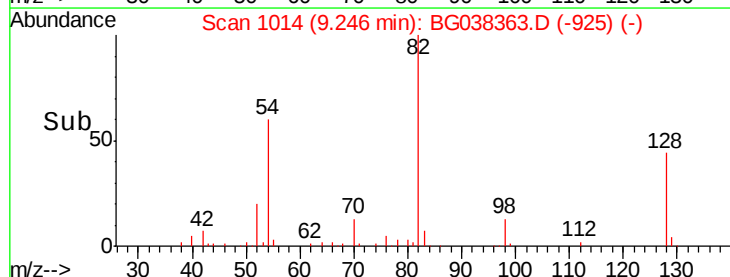
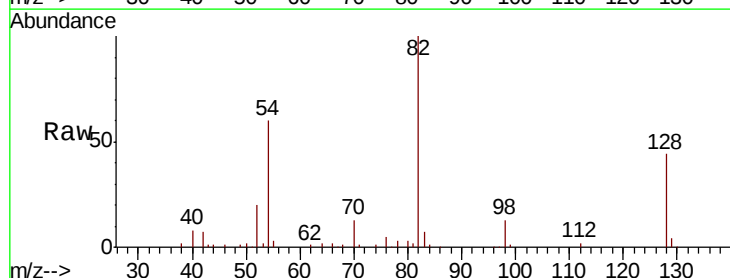
Instrument :
BNA_G
ClientSampleId :

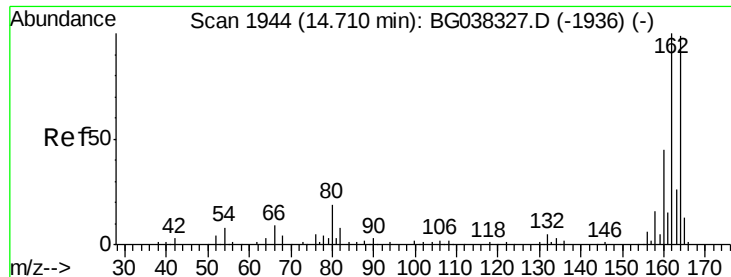
Tot Ion:136	Resp:	115686
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	11.9	7.9 11.9#
68	6.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 54.121 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038363.D
Acq: 5 Dec 2018 16:57

Tgt Ion: 82	Resp:	126108
Ion Ratio	Lower	Upper
82	100	
128	44.1	34.6 51.8
54	60.0	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038363.D

Acq: 5 Dec 2018 16:57

Instrument :

BNA_G

ClientSampled :

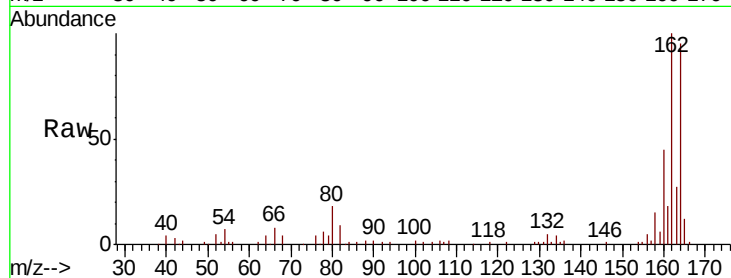
Tot Ion:164 Resp: 69099

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

160 47.4 36.3 54.5

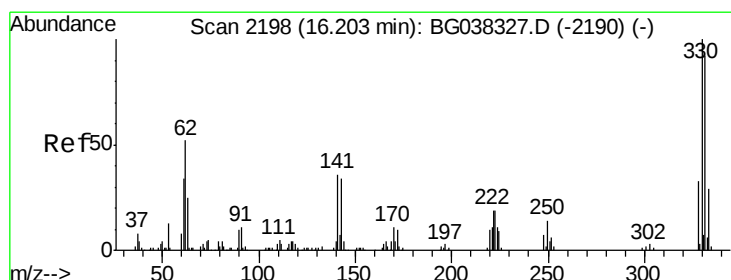
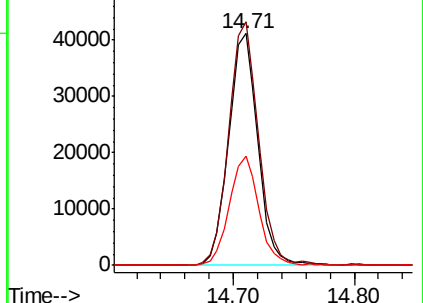
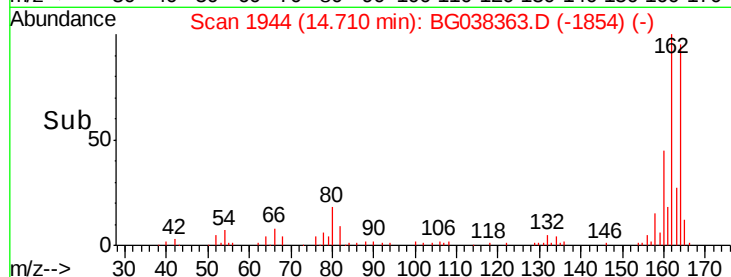


Abundance

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: 88.739 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038363.D

Acq: 5 Dec 2018 16:57

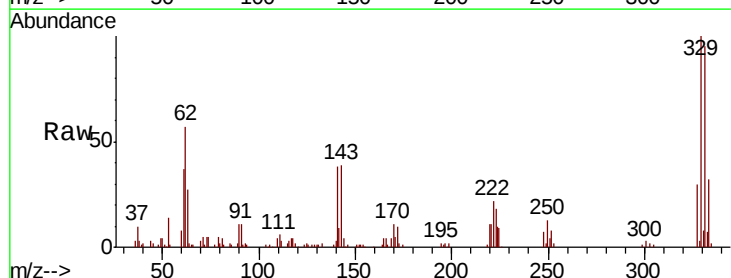
Tgt Ion:330 Resp: 75275

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

141 38.8 32.2 48.2

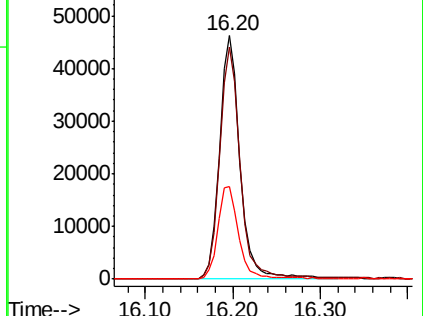
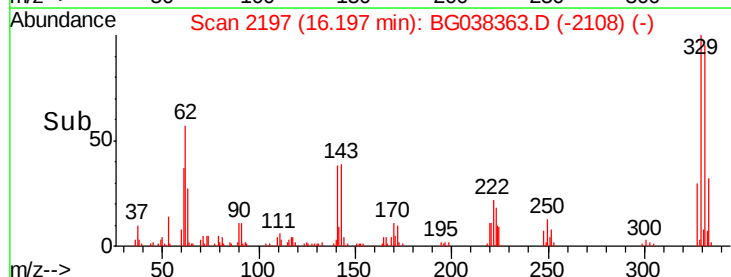


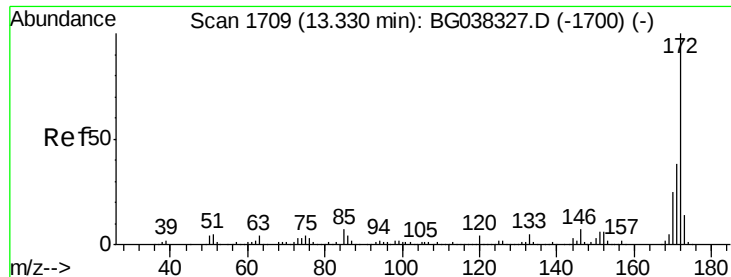
Abundance

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

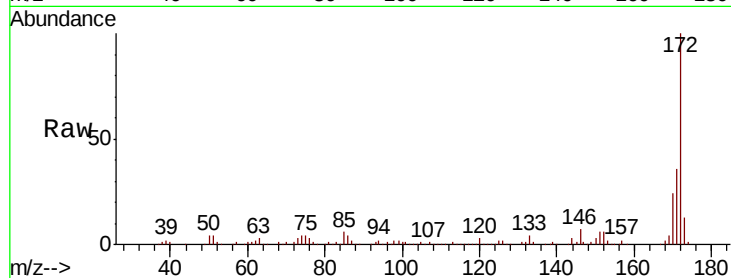




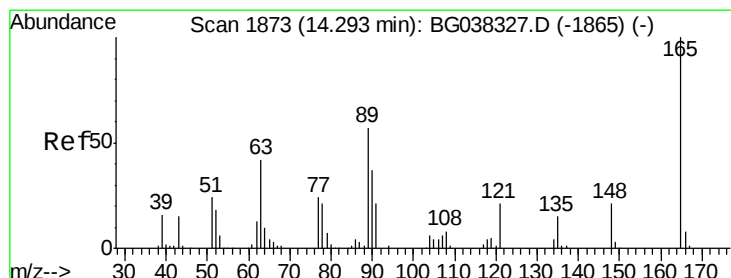
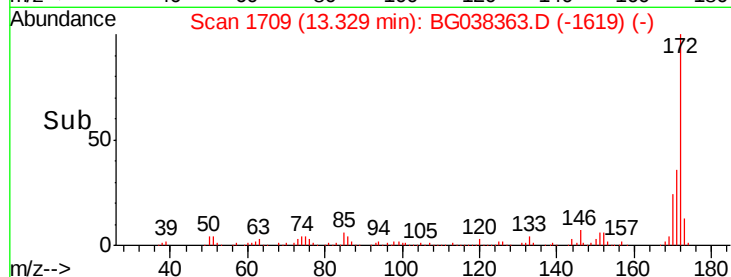
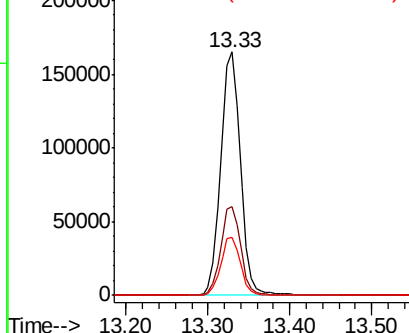
#45
 2-Fluorobiphenyl
 Concen: 57.354 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038363.D
 Acq: 5 Dec 2018 16:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.0	46.4
170	23.8	20.2	30.2

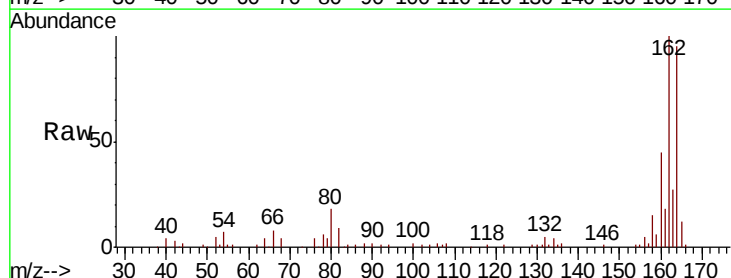


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

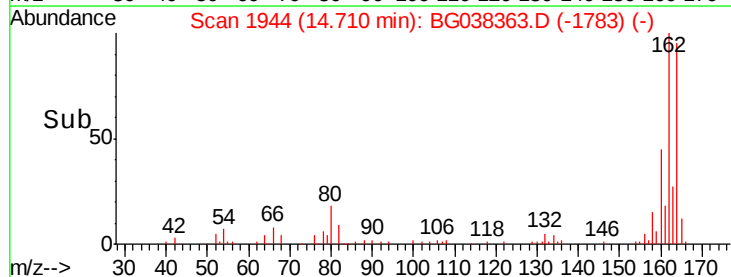
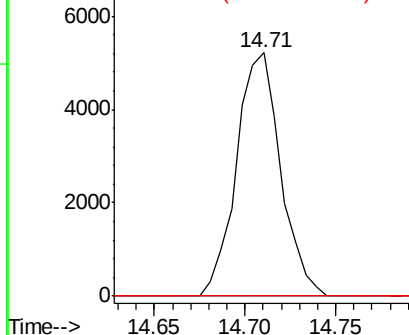


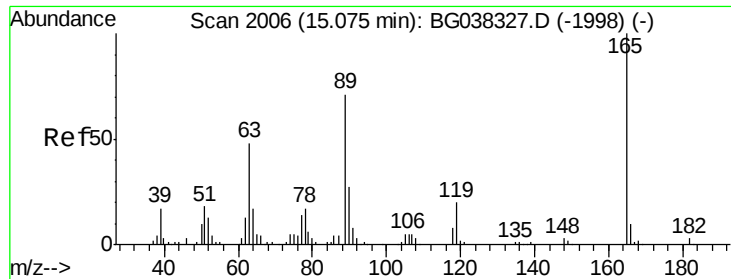
#51
 2,6-Dinitrotoluene
 Concen: 6.970 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG038363.D
 Acq: 5 Dec 2018 16:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

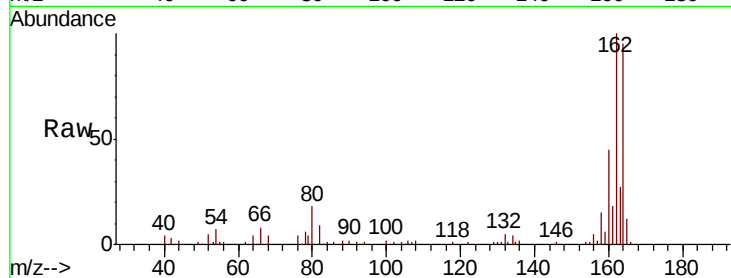




#57
 2,4-Dinitrotoluene
 Concen: 5.053 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.36 min
 Lab File: BG038363.D
 Acq: 5 Dec 2018 16:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	8824
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#

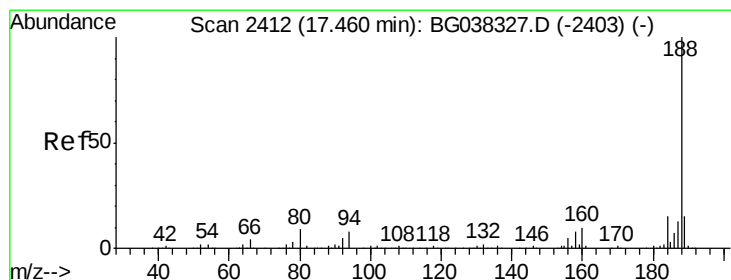
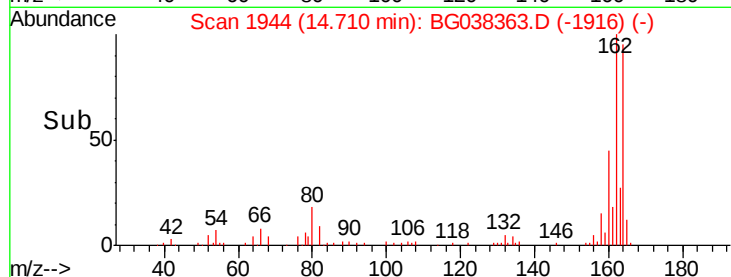
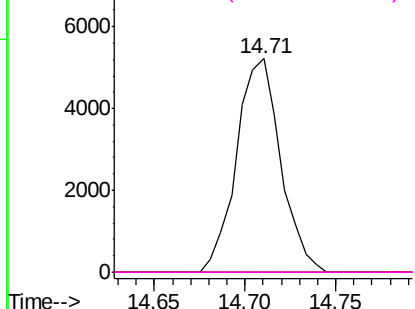


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

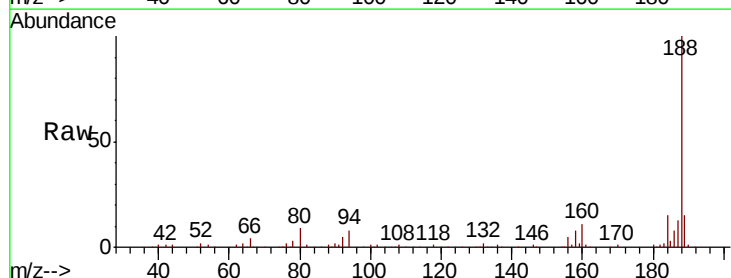
Ion 89.00 (88.70 to 89.70): BGC

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: BG038363.D
 Acq: 5 Dec 2018 16:57

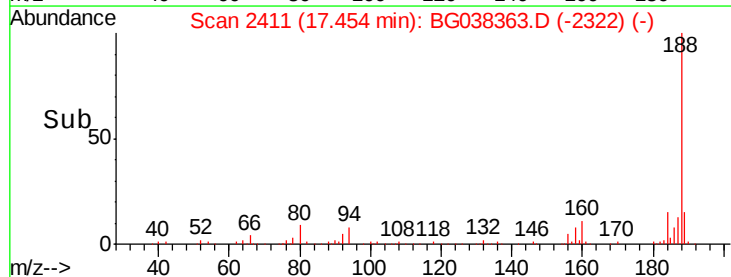
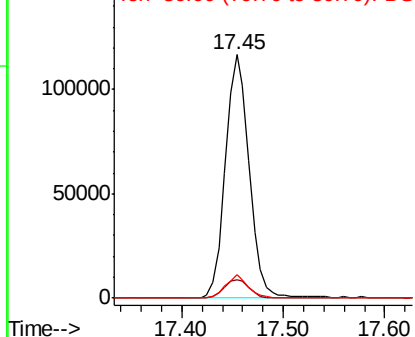
Tgt Ion:188	Resp:	189959
Ion Ratio	Lower	Upper
188	100	
94	7.6	7.2 10.8
80	9.5	7.7 11.5

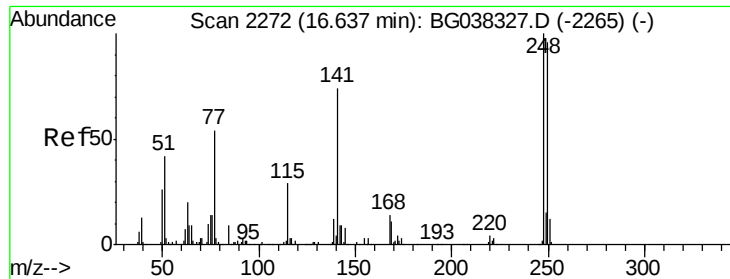


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 2.566 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.44 min

Lab File: BG038363.D

Acq: 5 Dec 2018 16:57

Instrument :

BNA_G

ClientSampled :

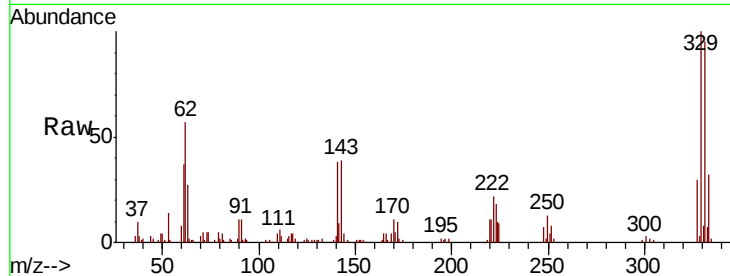
Tot Ion:248 Resp: 5263

Ion Ratio Lower Upper

248 100

250 197.6 77.0 115.6#

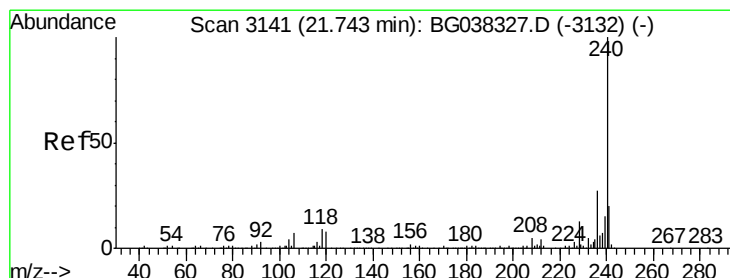
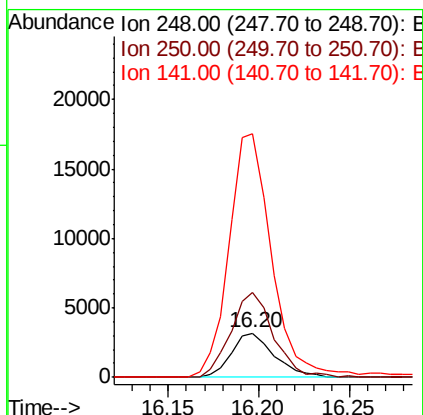
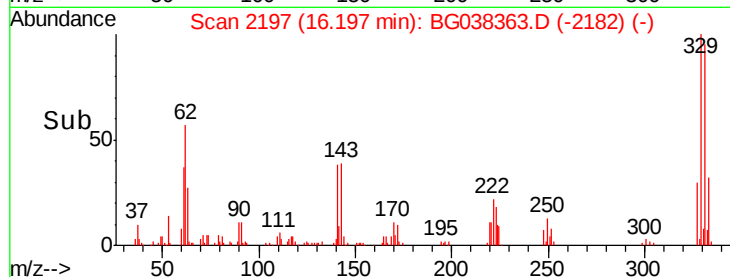
141 434.8 55.5 83.3#



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: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038363.D

Acq: 5 Dec 2018 16:57

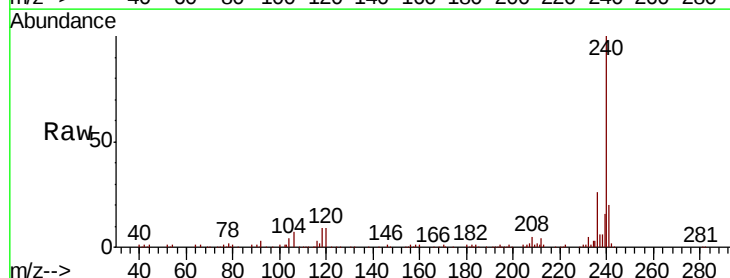
Tgt Ion:240 Resp: 192682

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

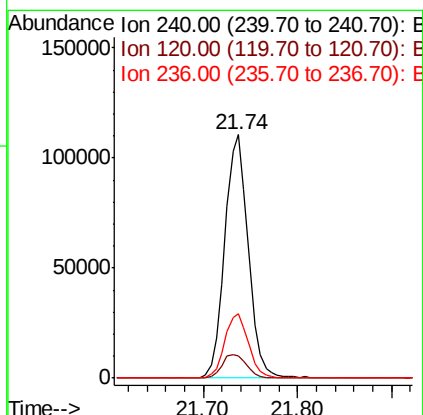
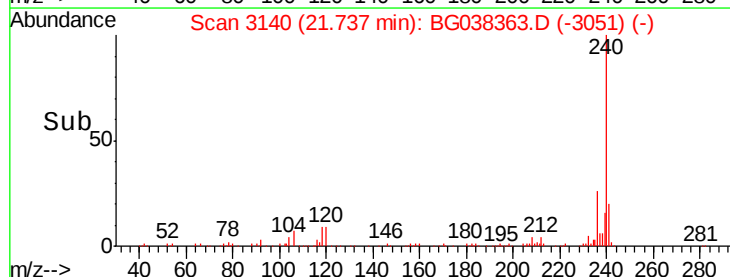
236 26.3 21.4 32.0

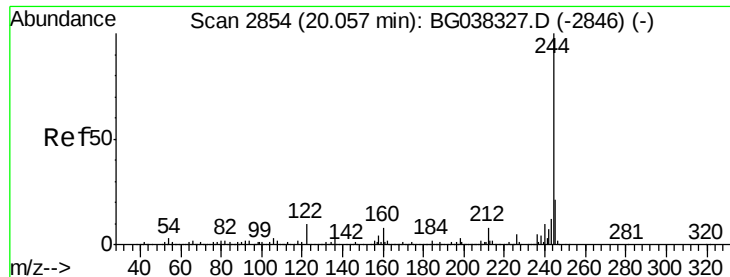


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.844 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038363.D

Acq: 5 Dec 2018 16:57

Instrument :

BNA_G

ClientSampled :

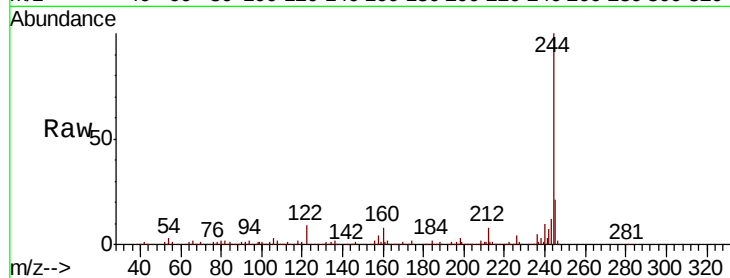
Tot Ion:244 Resp: 538258

Ion Ratio Lower Upper

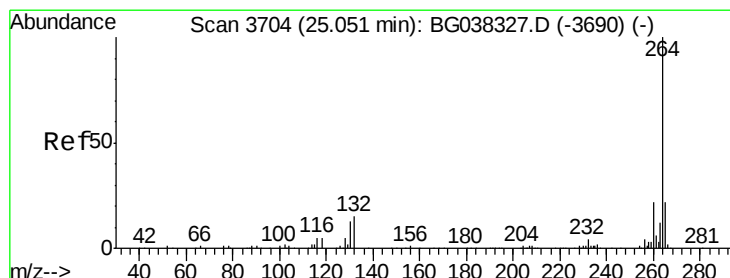
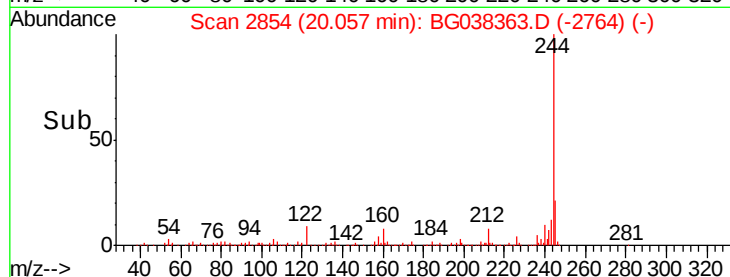
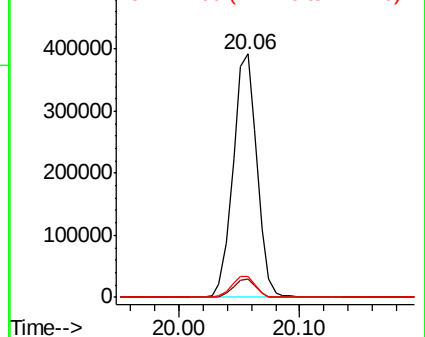
244 100

212 7.7 6.5 9.7

122 8.8 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: 25.05 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038363.D

Acq: 5 Dec 2018 16:57

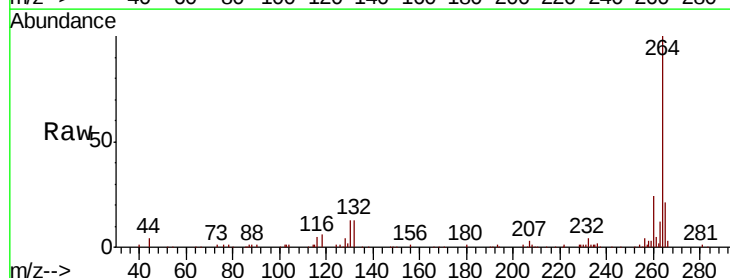
Tgt Ion:264 Resp: 192447

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.6 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

