

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038380.D
 Acq On : 6 Dec 2018 12:12
 Operator : JU/SJ
 Sample : PB115213TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 06 14:27:46 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

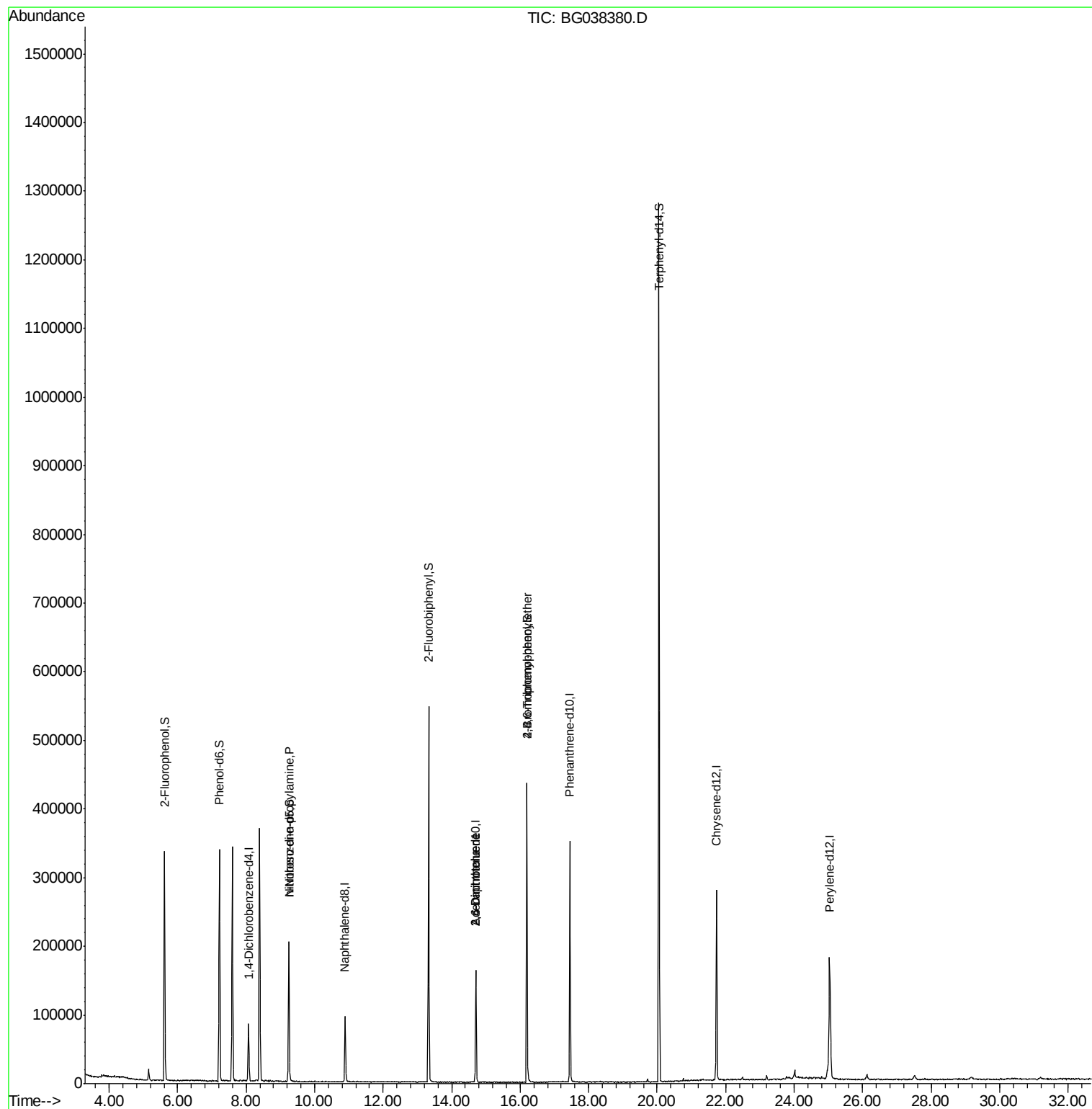
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24509	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	90184	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	61525	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	217003	20.00	ng	0.00
76) Chrysene-d12	21.73	240	168971	20.00	ng	0.00
87) Perylene-d12	25.04	264	204011	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	151235	109.20	ng	0.00
7) Phenol-d6	7.22	99	196777	98.30	ng	0.00
23) Nitrobenzene-d5	9.25	82	127929	70.43	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	84296	111.61	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	298403	69.11	ng	0.00
79) Terphenyl-d14	20.05	244	613528	77.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	16186	9.456	ng	# 77
51) 2,6-Dinitrotoluene	14.70	165	7467	6.624	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	7467	4.803	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	5570	2.377	ng	# 1

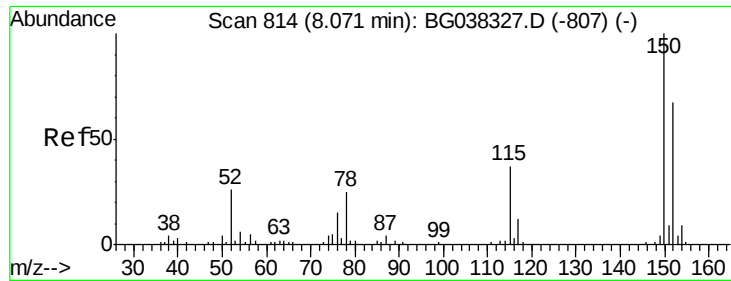
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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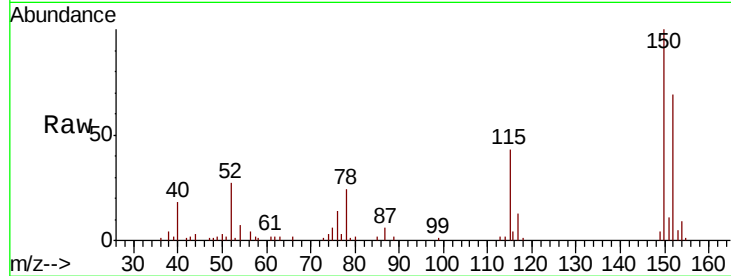


#1

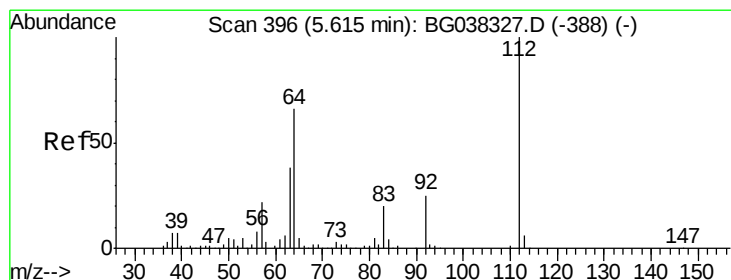
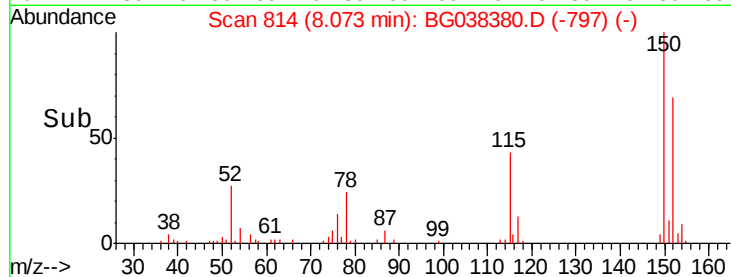
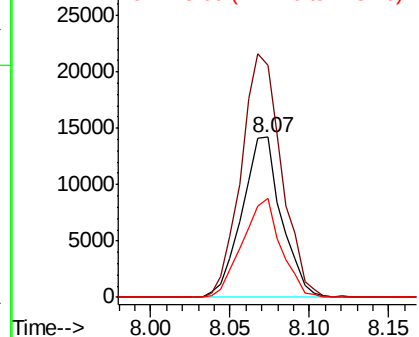
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24509
Ion Ratio Lower Upper
152 100
150 144.7 126.0 189.0
115 61.8 45.5 68.3



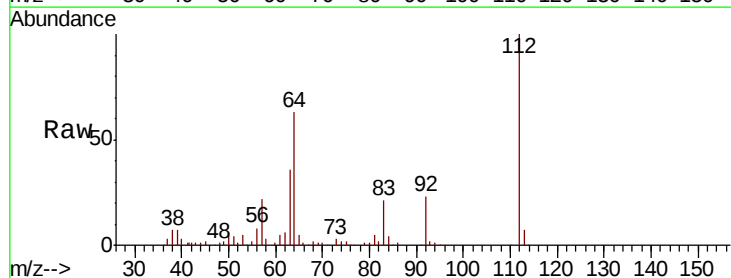
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



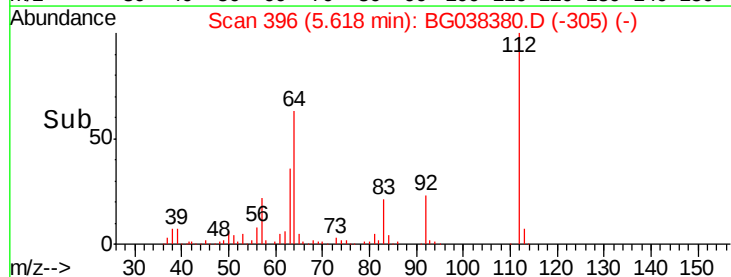
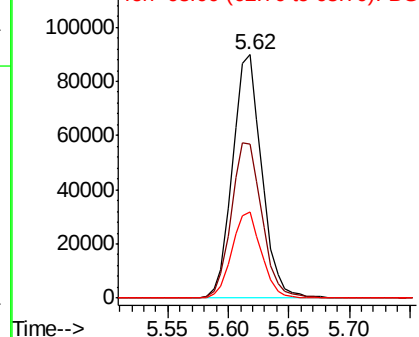
#5

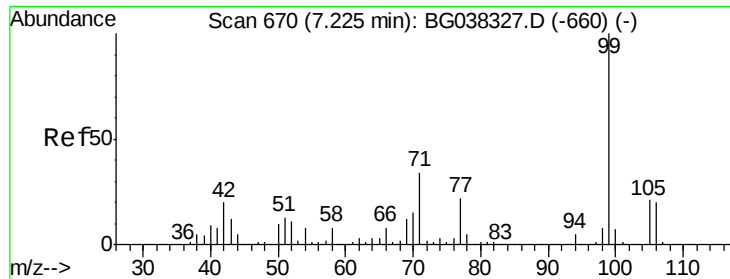
2-Fluorophenol
Concen: 109.197 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Tgt Ion:112 Resp: 151235
Ion Ratio Lower Upper
112 100
64 63.0 53.1 79.7
63 35.6 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: 98.303 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

Instrument :

BNA_G

ClientSampled :

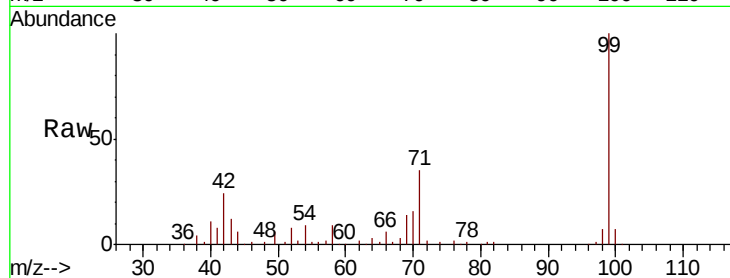
Tot Ion: 99 Resp: 196777

Ion Ratio Lower Upper

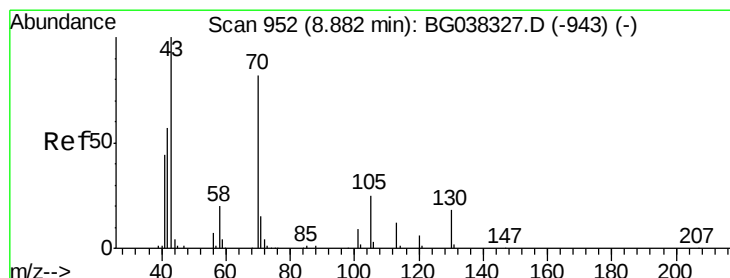
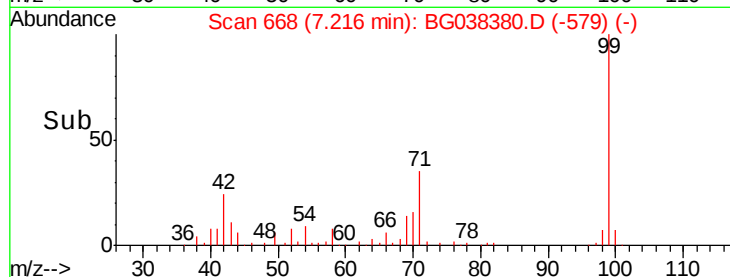
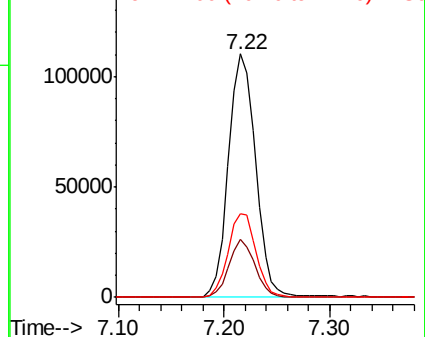
99 100

42 23.6 15.0 22.4#

71 34.6 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: 9.456 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.37 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

Tgt Ion: 70 Resp: 16186

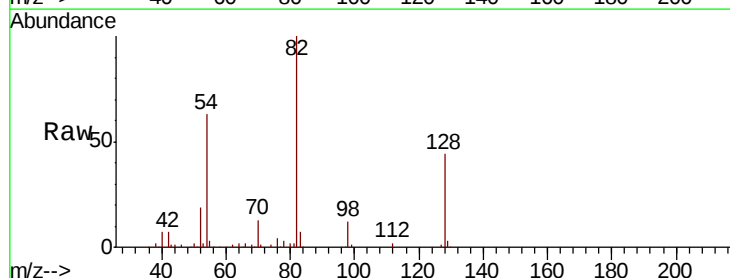
Ion Ratio Lower Upper

70 100

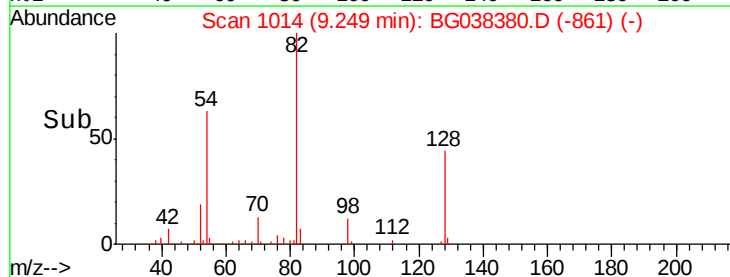
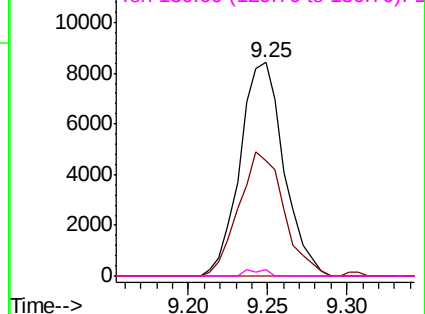
42 53.8 53.9 80.9#

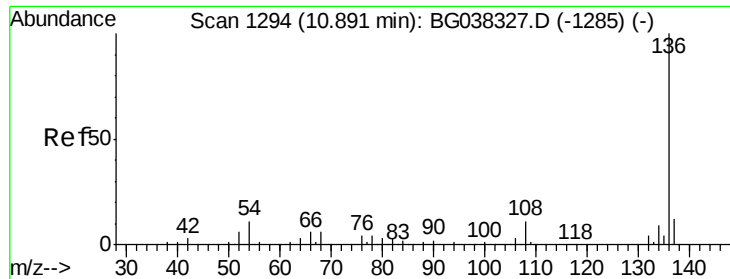
101 0.0 8.2 12.2#

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

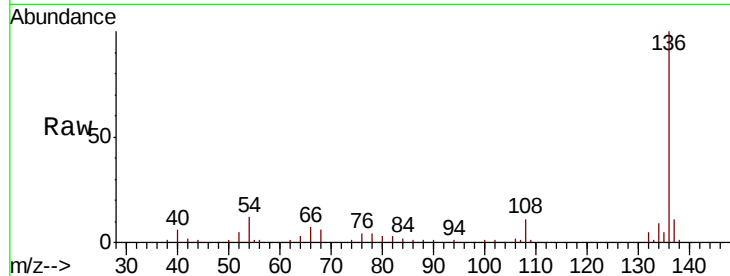




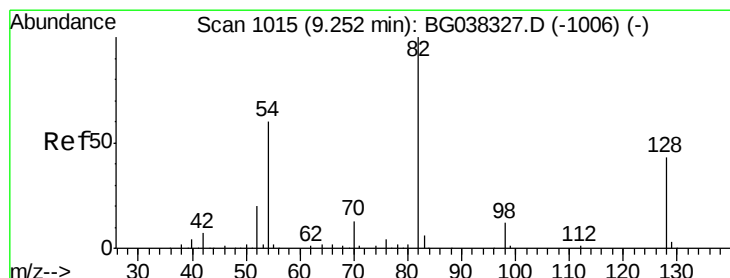
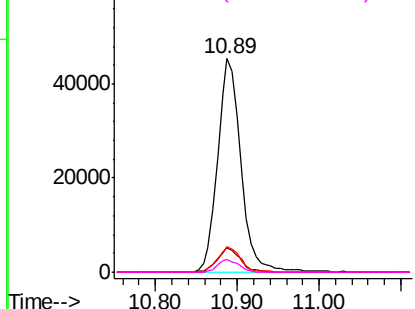
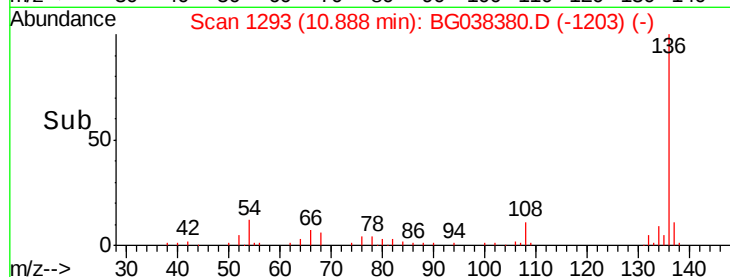
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 90184
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 12.2 7.9 11.9#
68 5.9 4.8 7.2

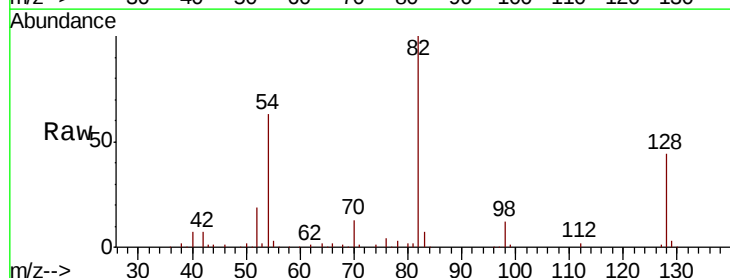


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

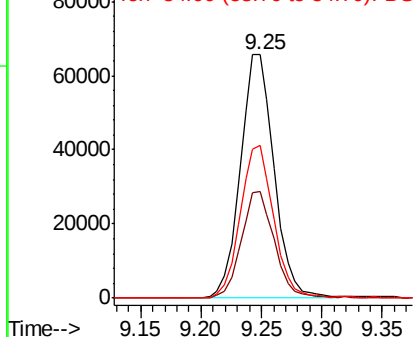
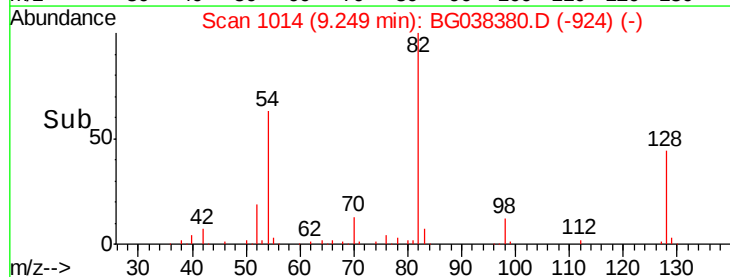


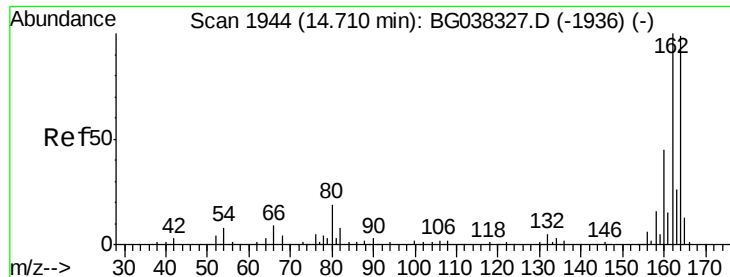
#23
Nitrobenzene-d5
Concen: 70.427 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Tgt Ion: 82 Resp: 127929
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 62.7 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

Instrument :

BNA_G

ClientSampleId :

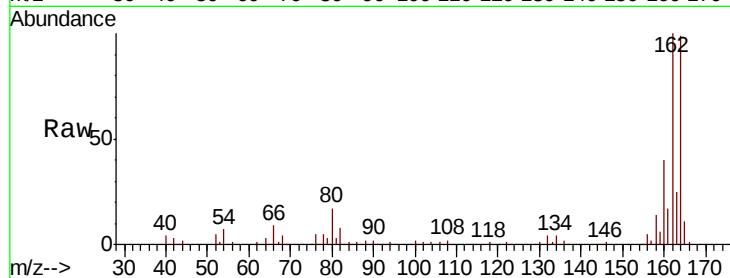
Tot Ion:164 Resp: 61525

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

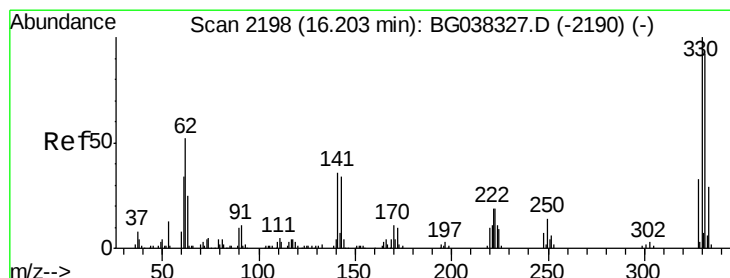
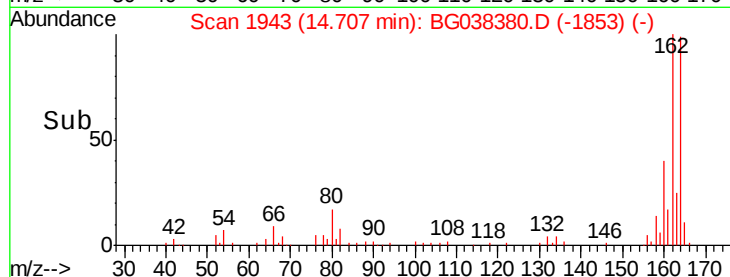
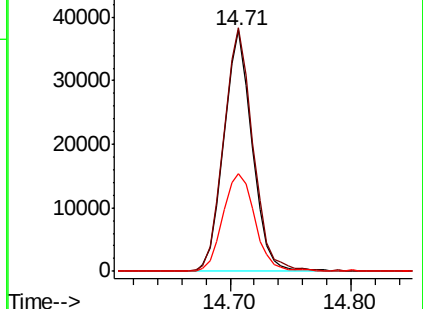
160 40.6 36.3 54.5



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: 111.607 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

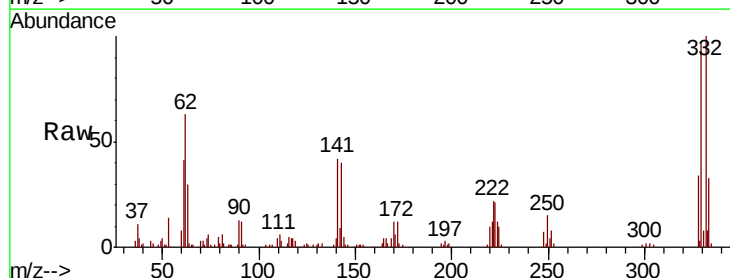
Tgt Ion:330 Resp: 84296

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

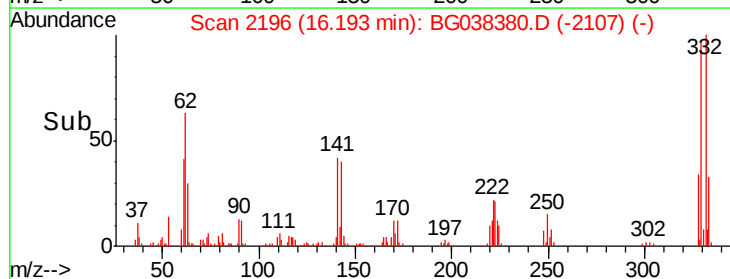
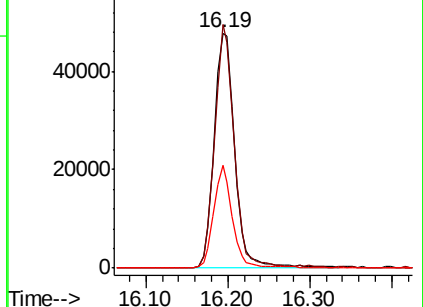
141 39.5 32.2 48.2

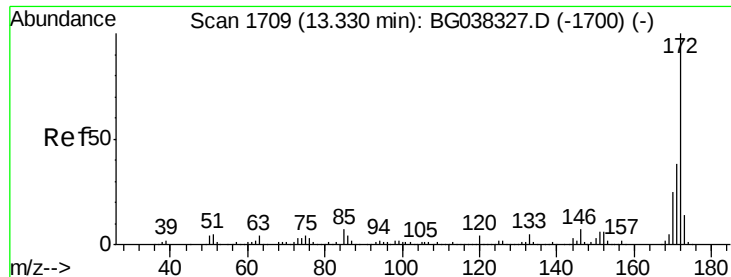


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

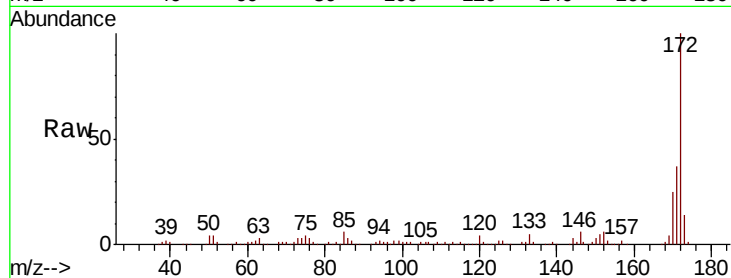




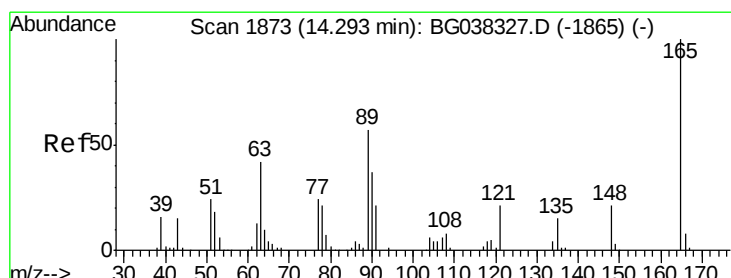
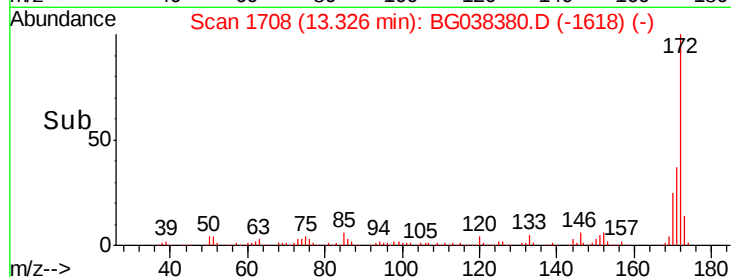
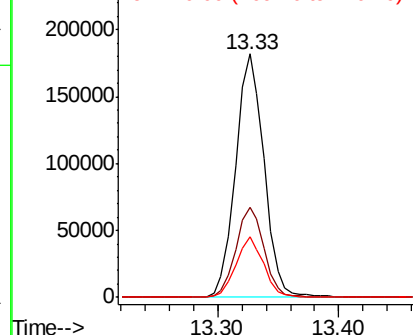
#45
2-Fluorobiphenyl
Concen: 69.110 ng
RT: 13.33 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 298403
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 24.7 20.2 30.2

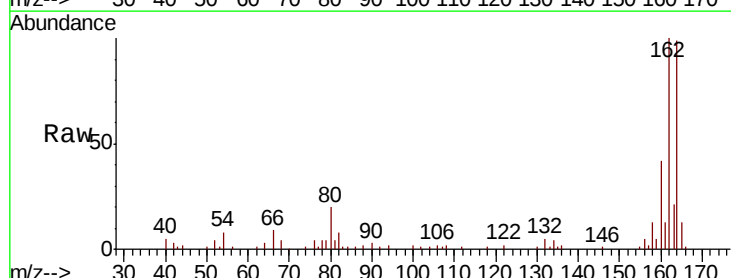


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

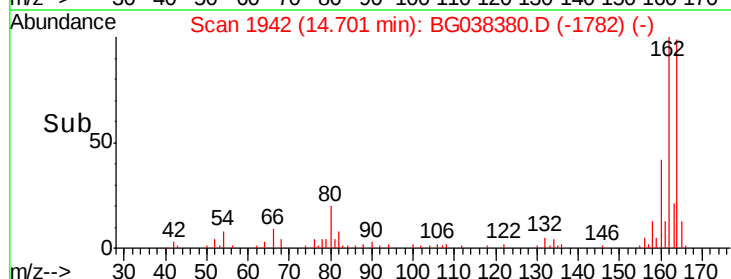
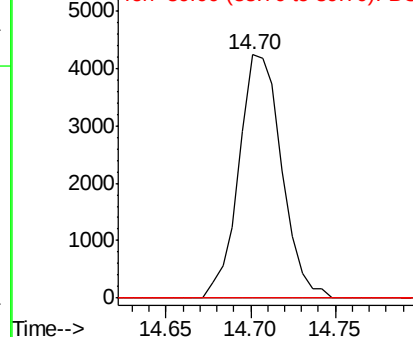


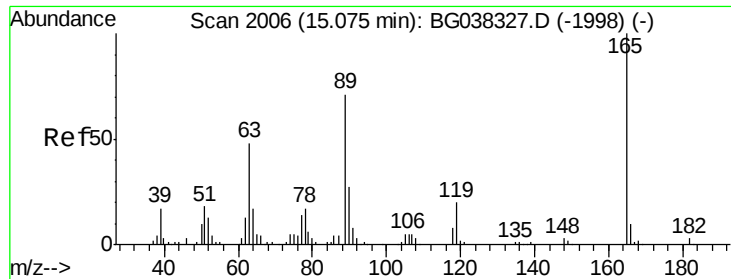
#51
2,6-Dinitrotoluene
Concen: 6.624 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.41 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Tgt Ion:165 Resp: 7467
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

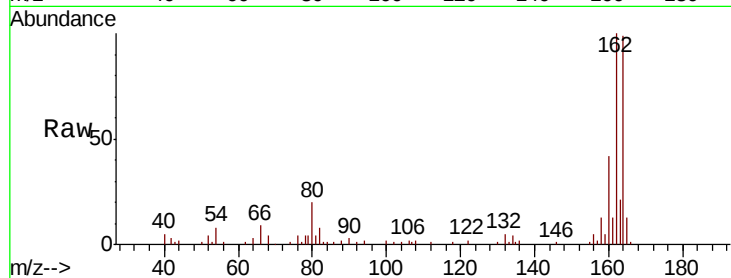




#57
 2,4-Dinitrotoluene
 Concen: 4.803 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.37 min
 Lab File: BG038380.D
 Acq: 6 Dec 2018 12:12

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#



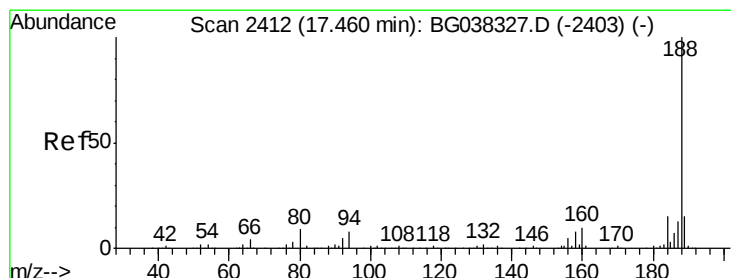
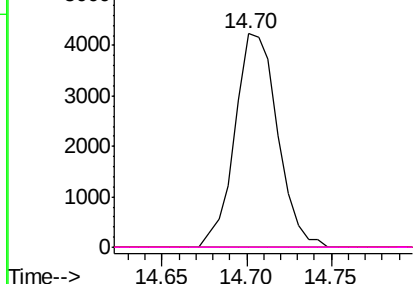
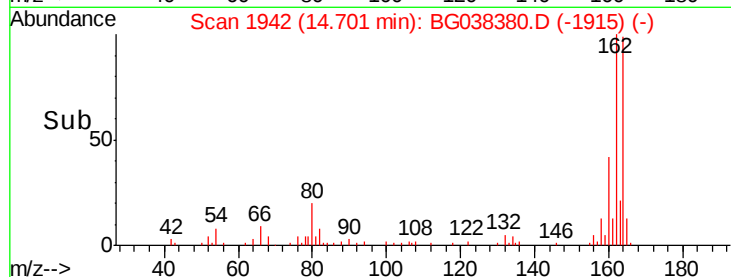
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

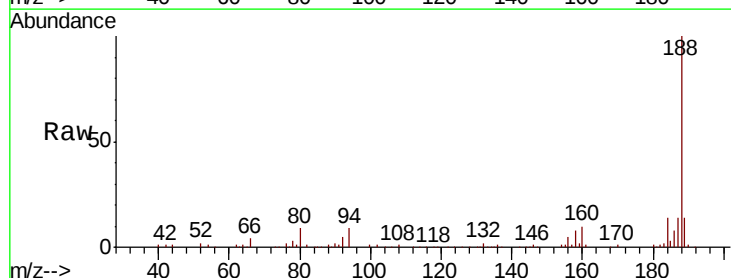
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG038380.D
 Acq: 6 Dec 2018 12:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.2	7.7	11.5

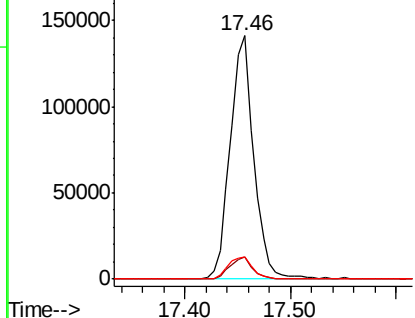
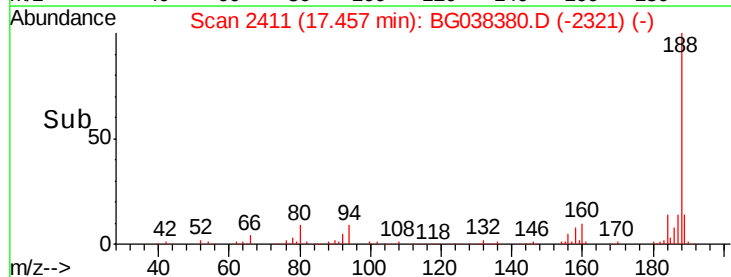


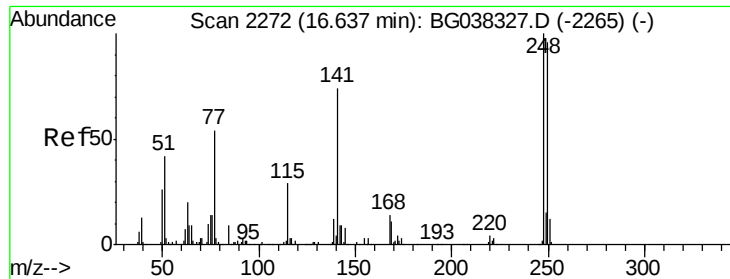
Abundance

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

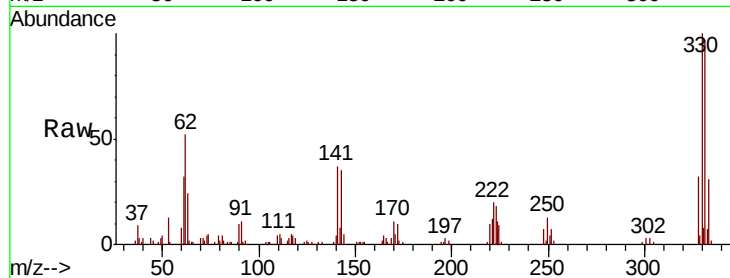




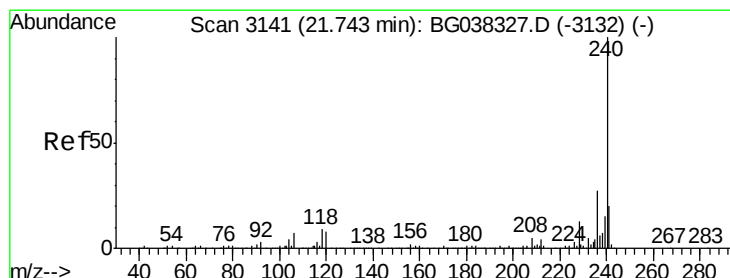
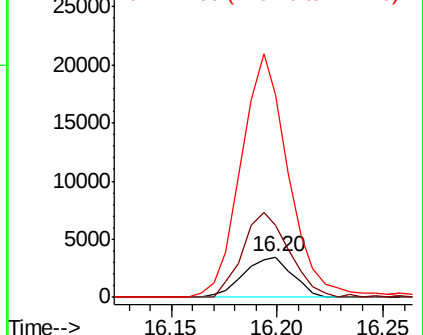
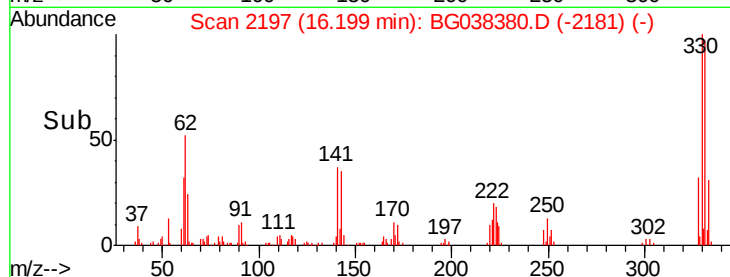
#67
4-Bromophenyl-phenylether
Concen: 2.377 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 5570
Ion Ratio Lower Upper
248 100
250 184.5 77.0 115.6#
141 391.4 55.5 83.3#

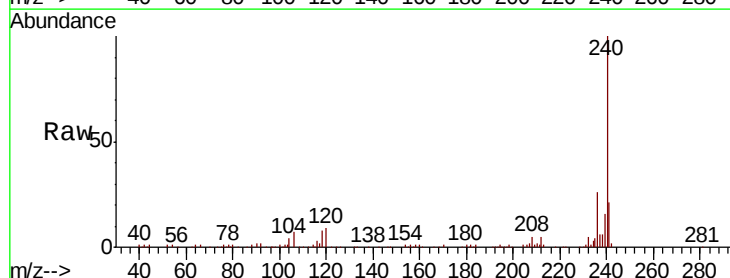


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

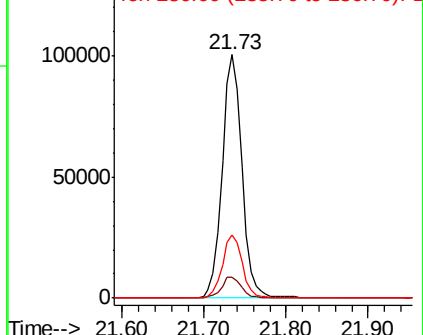
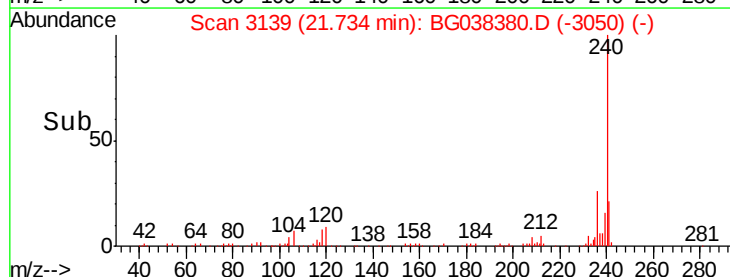


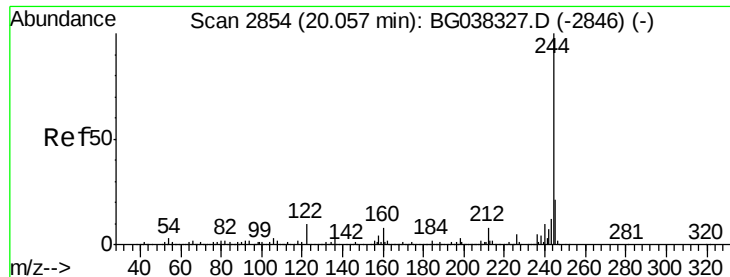
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038380.D
Acq: 6 Dec 2018 12:12

Tgt Ion:240 Resp: 168971
Ion Ratio Lower Upper
240 100
120 8.7 8.1 12.1
236 25.9 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: 77.785 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

Instrument :

BNA_G

ClientSampleId :

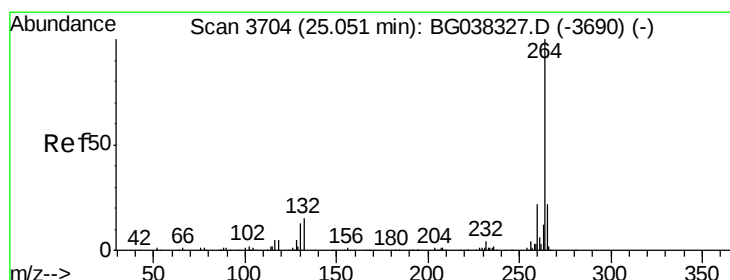
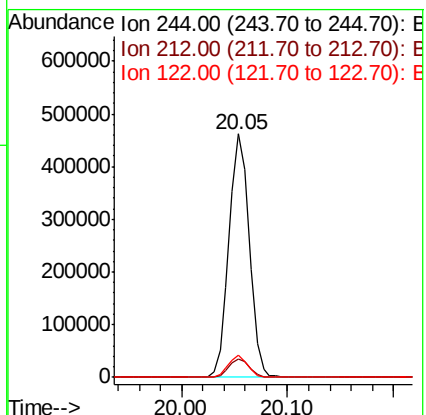
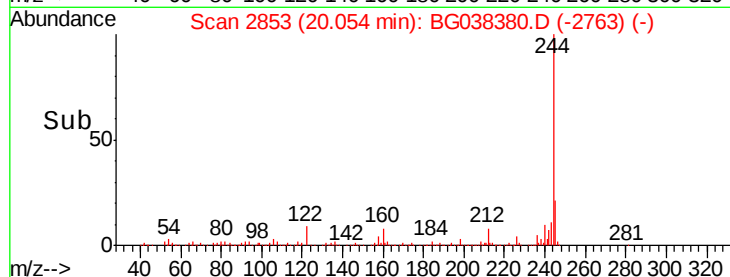
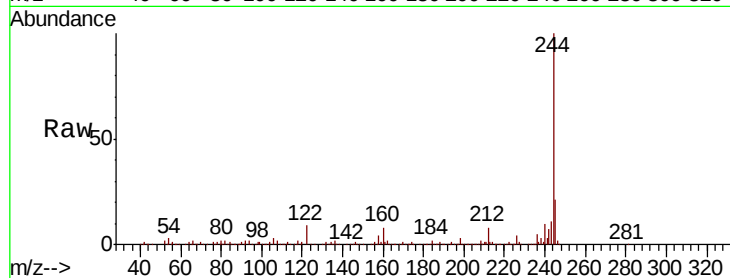
Tot Ion:244 Resp: 613528

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 9.0 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038380.D

Acq: 6 Dec 2018 12:12

Tgt Ion:264 Resp: 204011

Ion Ratio Lower Upper

264 100

260 21.3 18.2 27.4

265 21.0 17.9 26.9

