

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038357.D
 Acq On : 5 Dec 2018 13:01
 Operator : JU/SJ
 Sample : J6159-02RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 13:59:28 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

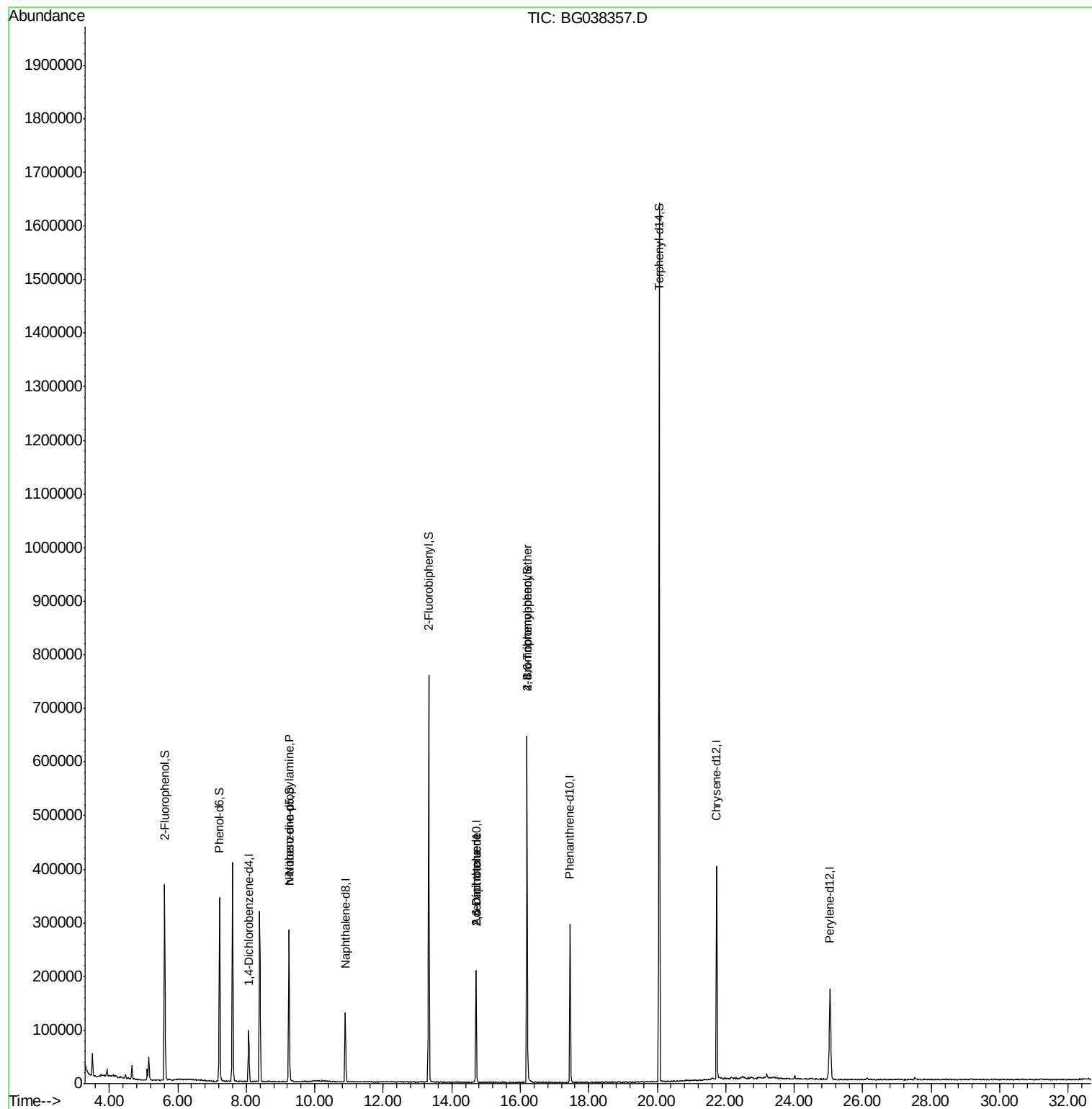
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27157	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	116933	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	77113	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	201419	20.00	ng	0.00
76) Chrysene-d12	21.74	240	245706	20.00	ng	0.00
87) Perylene-d12	25.04	264	196465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	166969	108.80	ng	0.00
7) Phenol-d6	7.22	99	198339	89.42	ng	0.00
23) Nitrobenzene-d5	9.25	82	180176	76.50	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	123225	130.17	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	412565	76.23	ng	0.00
79) Terphenyl-d14	20.06	244	791101	68.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	23181	12.872	ng	# 70
51) 2,6-Dinitrotoluene	14.71	165	9595	6.791	ng	# 26
57) 2,4-Dinitrotoluene	14.71	165	9595	4.924	ng	# 25
67) 4-Bromophenyl-phenylether	16.20	248	8396	3.860	ng	# 1

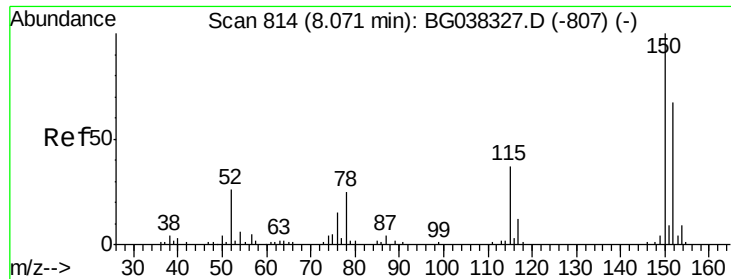
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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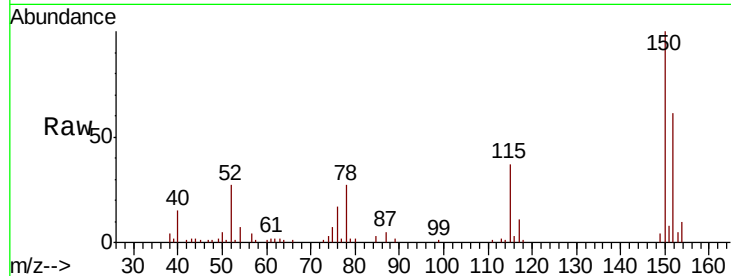


#1

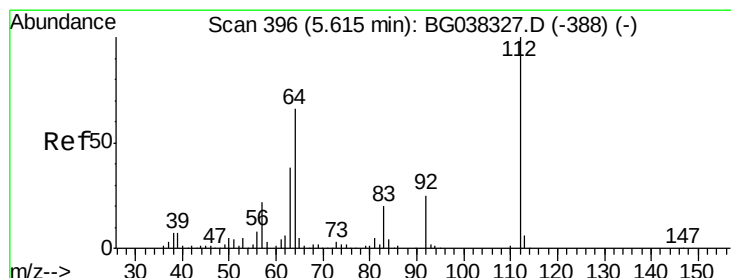
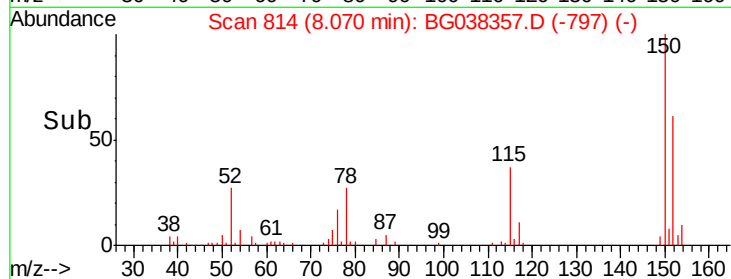
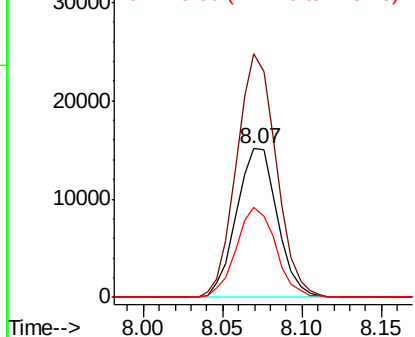
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038357.D
Acq: 5 Dec 2018 13:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27157
Ion Ratio Lower Upper
152 100
150 164.0 126.0 189.0
115 60.8 45.5 68.3



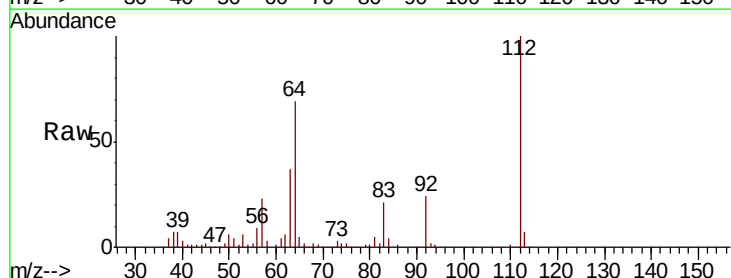
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



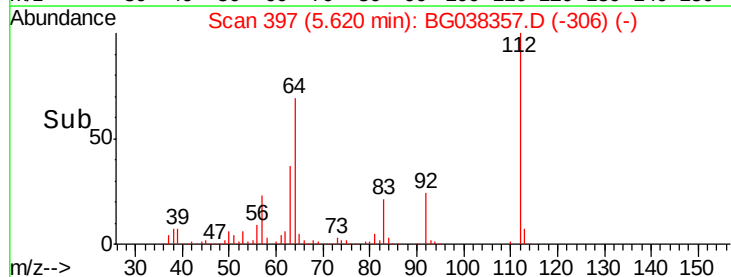
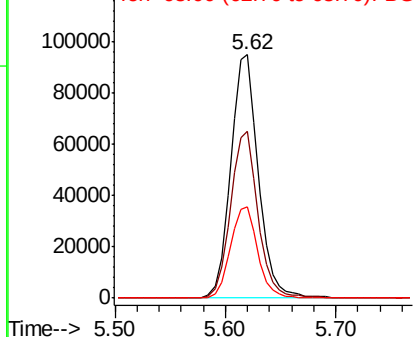
#5

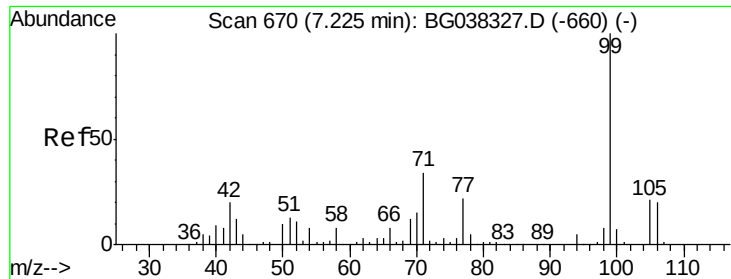
2-Fluorophenol
Concen: 108.803 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG038357.D
Acq: 5 Dec 2018 13:01

Tgt Ion:112 Resp: 166969
Ion Ratio Lower Upper
112 100
64 68.6 53.1 79.7
63 37.4 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: 89.422 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038357.D

Acq: 5 Dec 2018 13:01

Instrument :

BNA_G

ClientSampled :

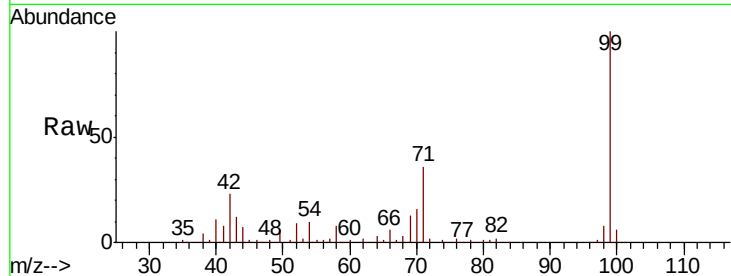
Tot Ion: 99 Resp: 198339

Ion Ratio Lower Upper

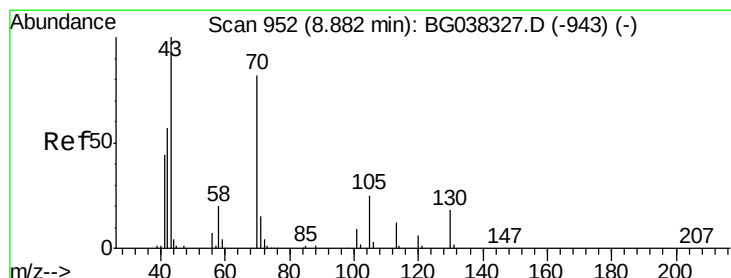
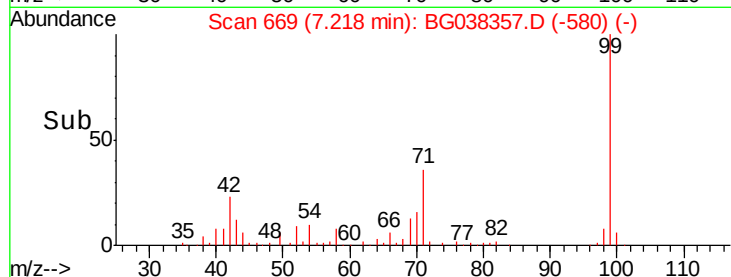
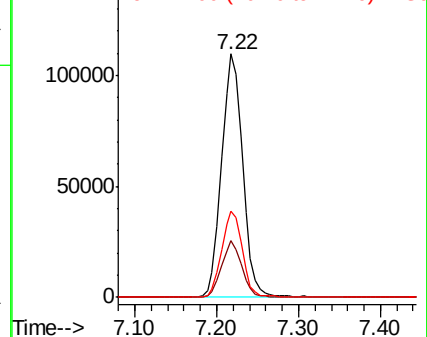
99 100

42 23.1 15.0 22.4#

71 35.5 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: 12.872 ng

RT: 9.24 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038357.D

Acq: 5 Dec 2018 13:01

Tgt Ion: 70 Resp: 23181

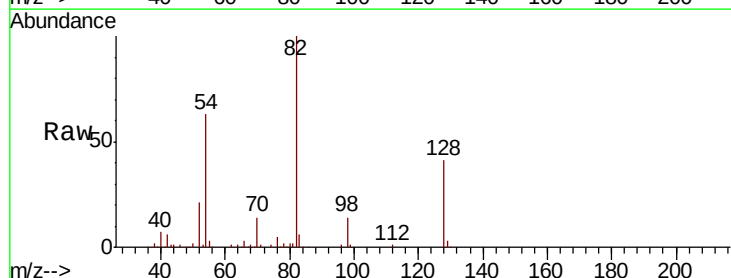
Ion Ratio Lower Upper

70 100

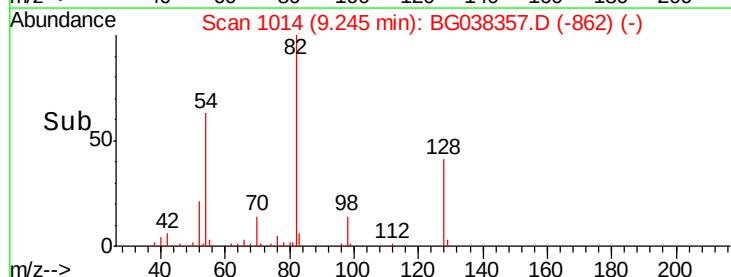
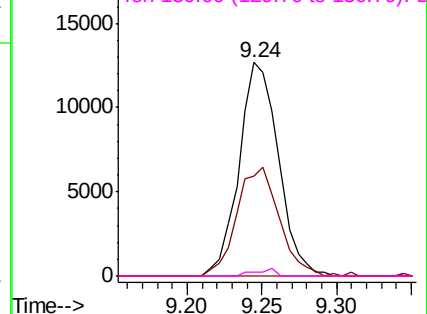
42 47.0 53.9 80.9#

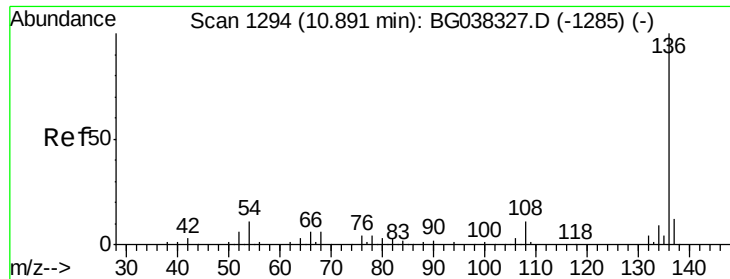
101 0.0 8.2 12.2#

130 1.9 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

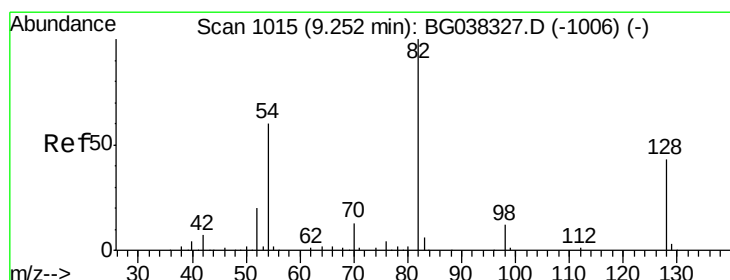
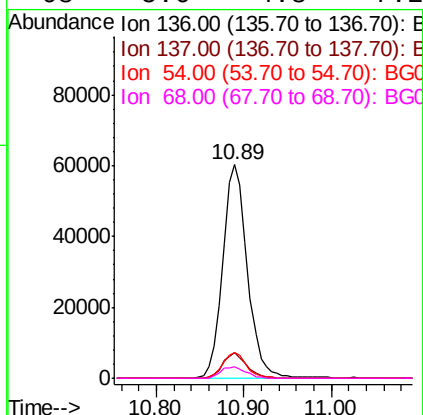
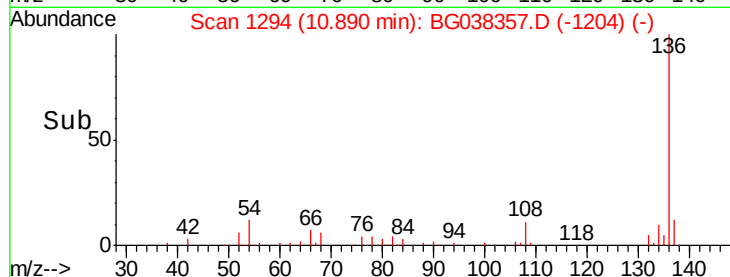
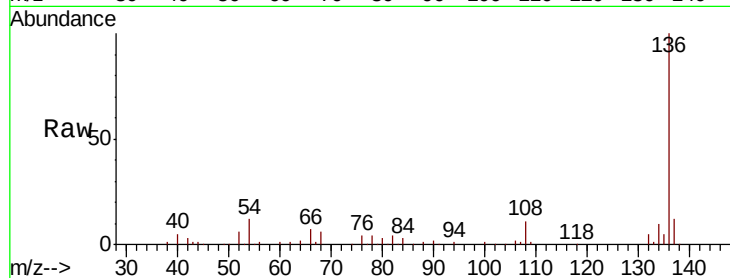




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038357.D
Acq: 5 Dec 2018 13:01

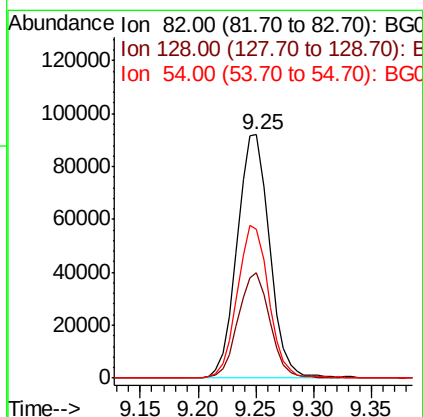
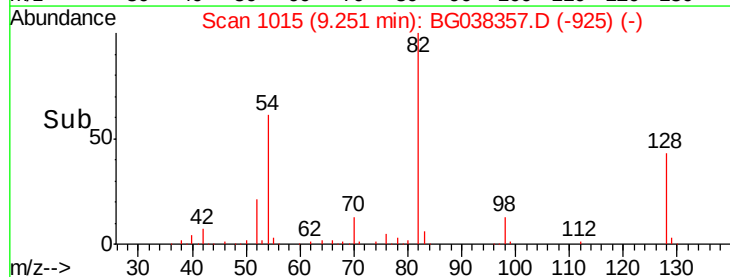
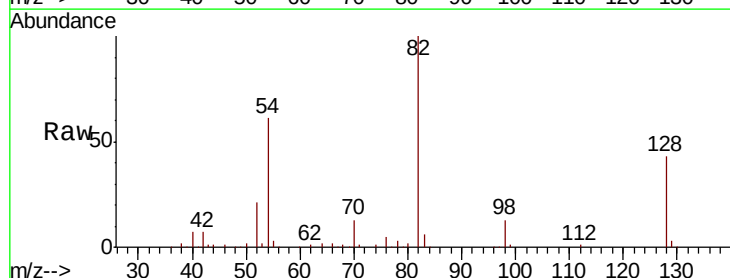
Instrument :
BNA_G
ClientSampleId :

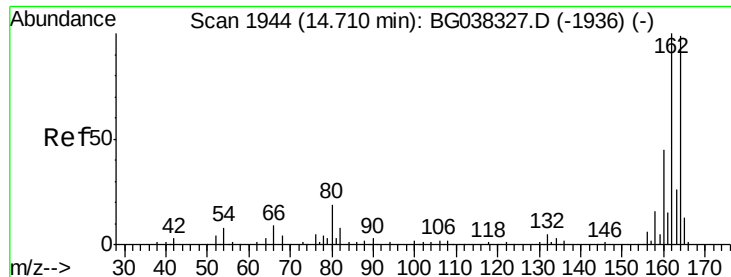
Tot Ion:136	Resp:	116933
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.6 14.4
54	11.9	7.9 11.9#
68	5.6	4.8 7.2



#23
Nitrobenzene-d5
Concen: 76.500 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG038357.D
Acq: 5 Dec 2018 13:01

Tgt Ion: 82	Resp:	180176
Ion	Ratio	Lower Upper
82	100	
128	43.2	34.6 51.8
54	61.1	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: BG038357.D

Acq: 5 Dec 2018 13:01

Instrument :

BNA_G

ClientSampleId :

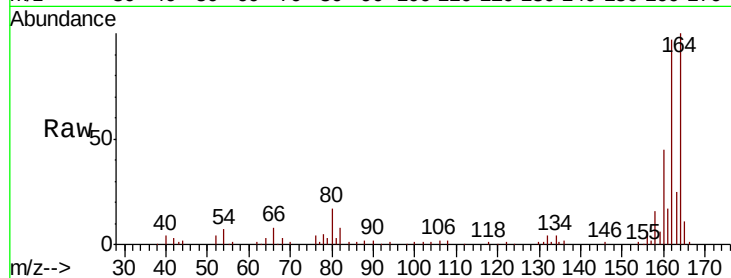
Tot Ion:164 Resp: 77113

Ion Ratio Lower Upper

164 100

162 97.5 81.3 121.9

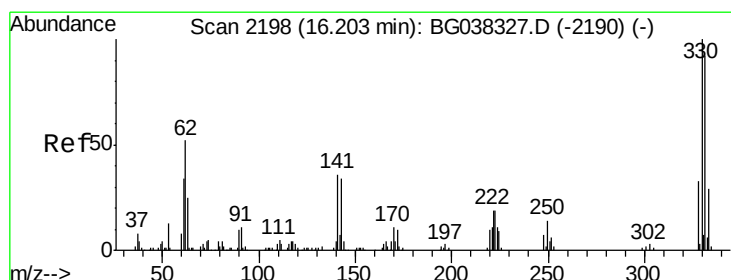
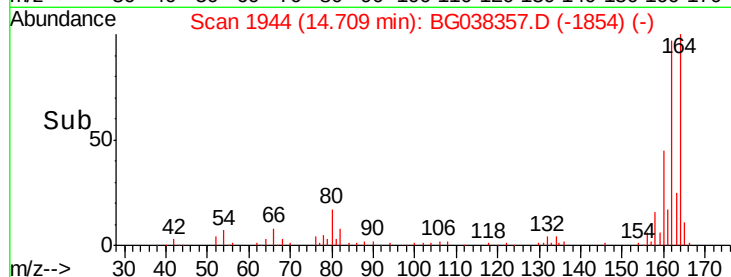
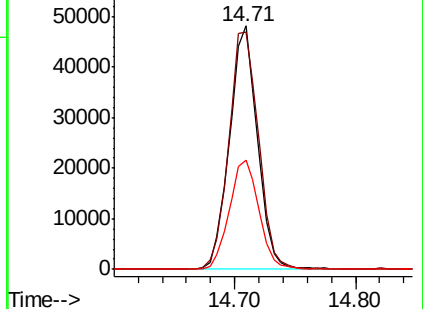
160 45.1 36.3 54.5



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: 130.169 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038357.D

Acq: 5 Dec 2018 13:01

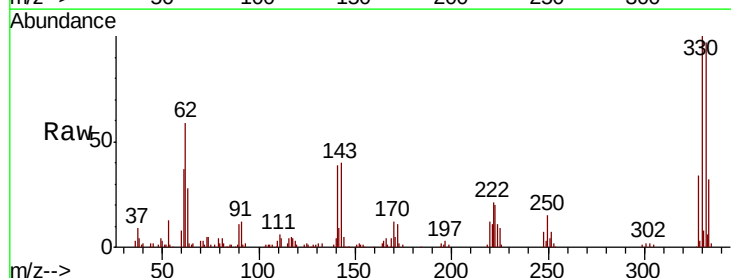
Tgt Ion:330 Resp: 123225

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

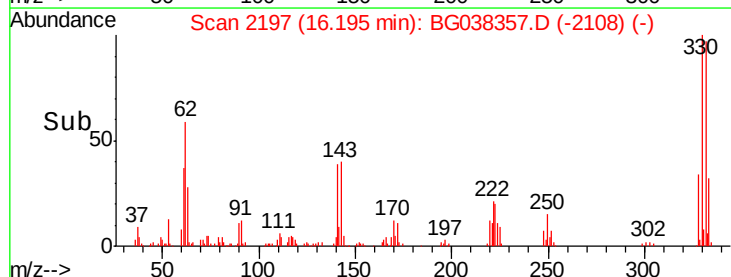
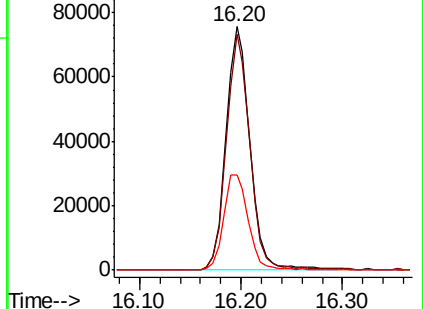
141 40.7 32.2 48.2

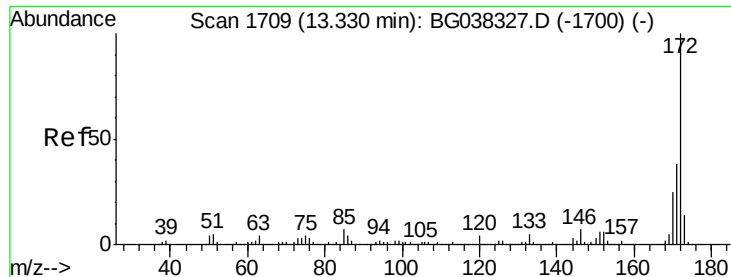


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

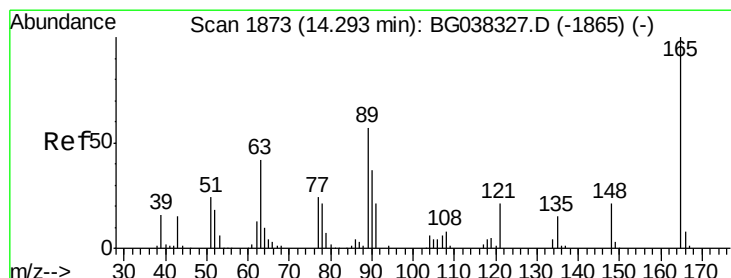
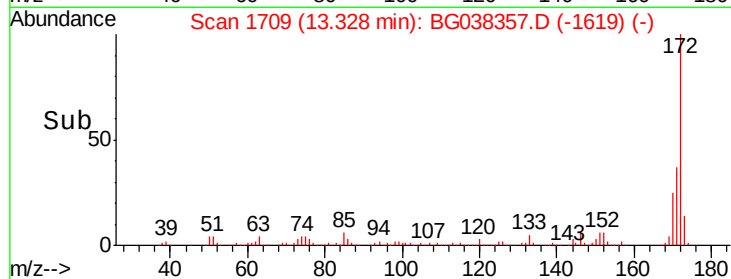
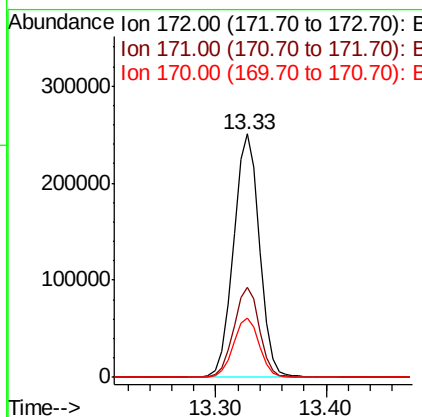
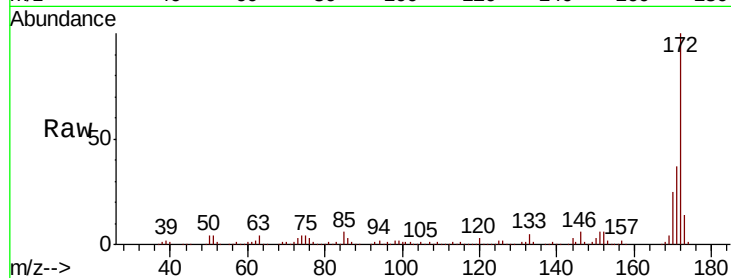




#45
 2-Fluorobiphenyl
 Concen: 76.235 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038357.D
 Acq: 5 Dec 2018 13:01

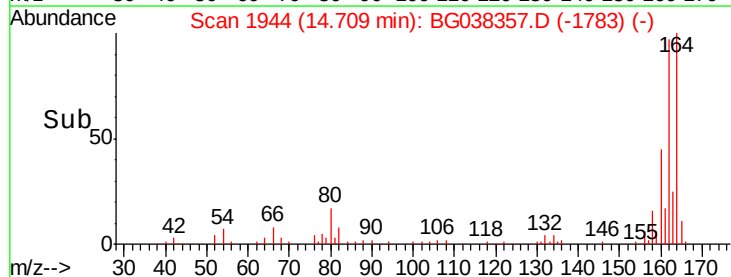
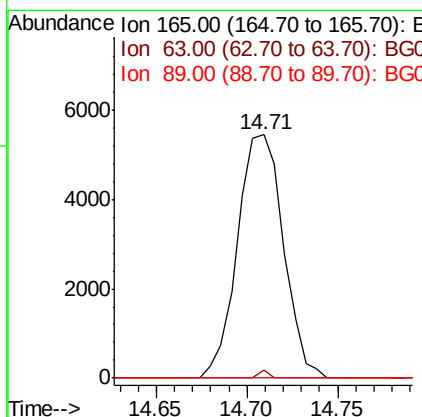
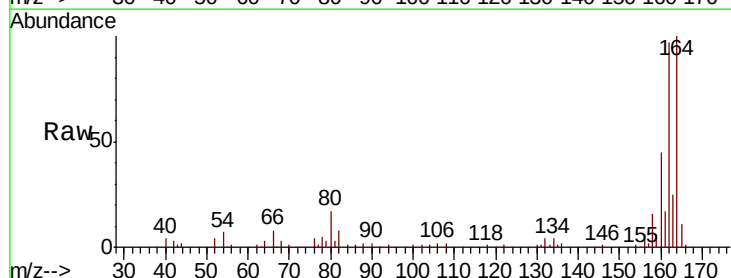
Instrument :
 BNA_G
 ClientSampleId :

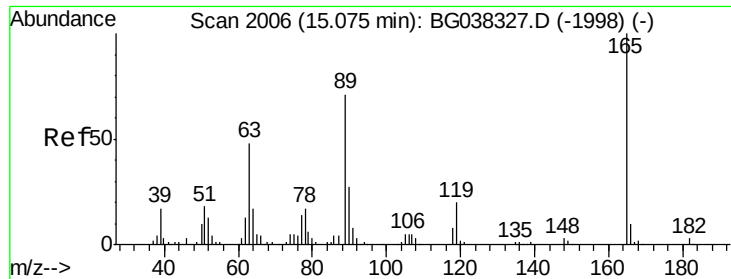
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.6	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.791 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG038357.D
 Acq: 5 Dec 2018 13:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	43.4	65.2#
89	0.0	45.8	68.6#

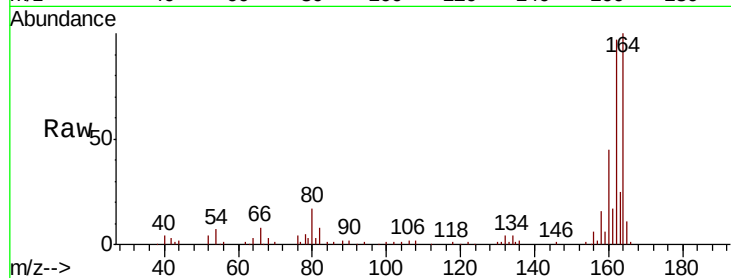




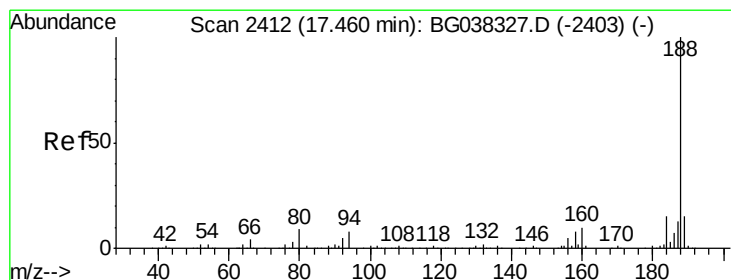
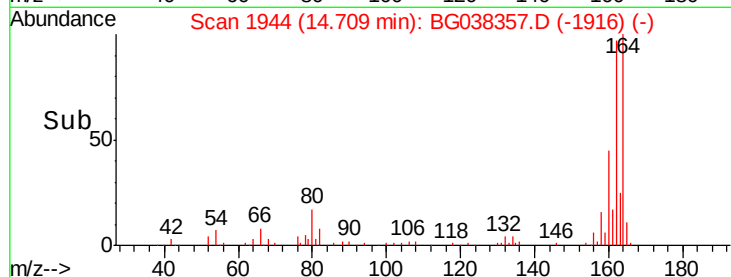
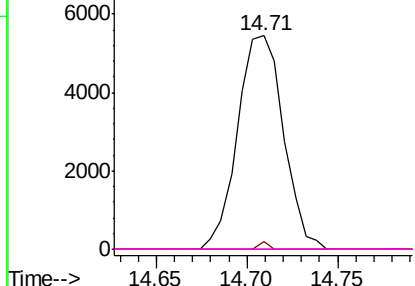
#57
 2,4-Dinitrotoluene
 Concen: 4.924 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG038357.D
 Acq: 5 Dec 2018 13:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	9595
Ion	Ratio	Lower	Upper
165	100		
63	3.5	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

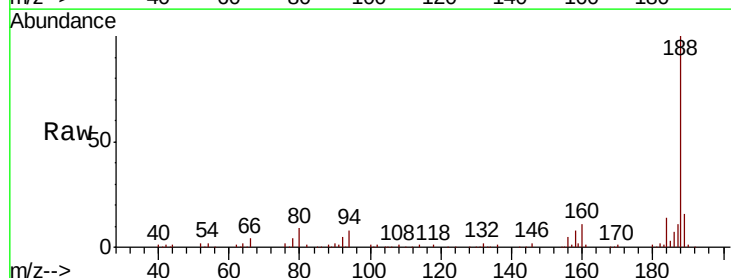


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

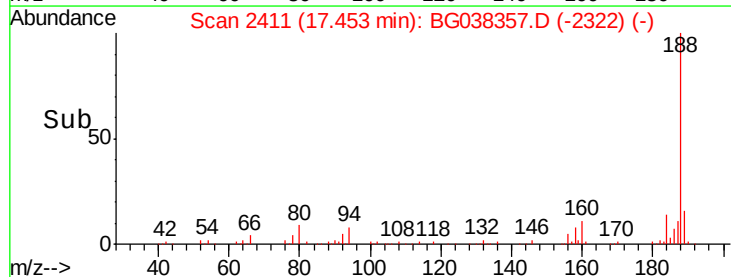
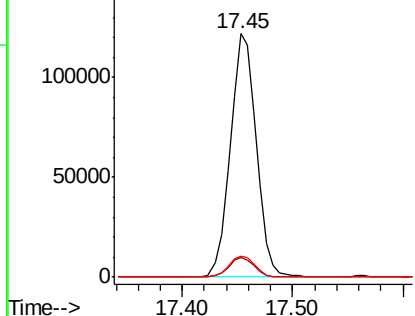


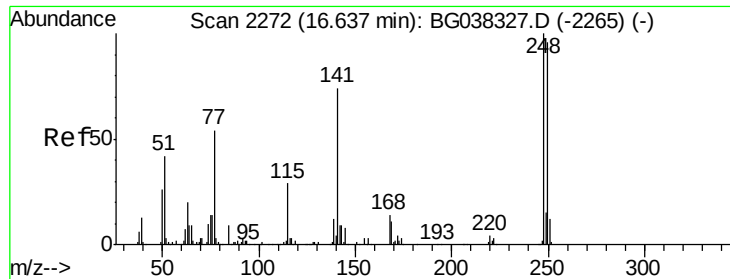
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038357.D
 Acq: 5 Dec 2018 13:01

Tgt Ion:	188	Resp:	201419
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.5	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

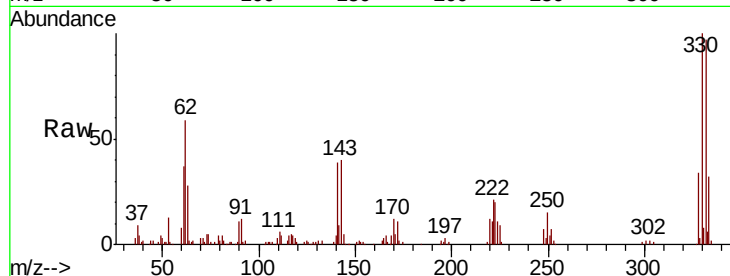




#67
4-Bromophenyl-phenylether
Concen: 3.860 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038357.D
Acq: 5 Dec 2018 13:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	210.6	77.0	115.6#
141	421.8	55.5	83.3#

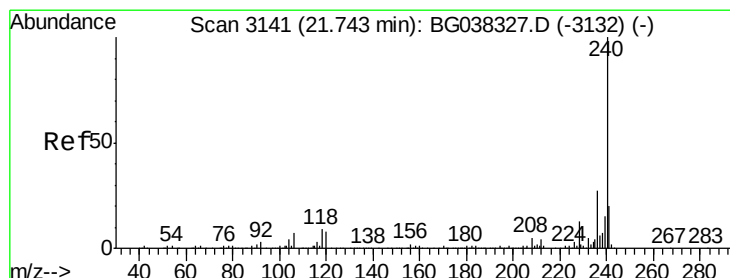
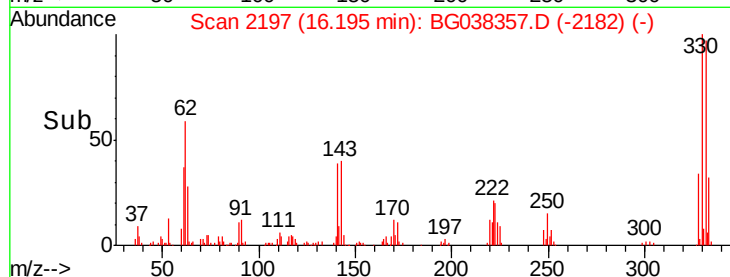
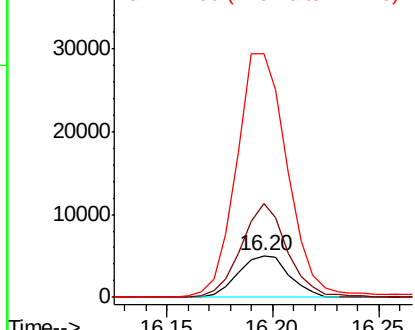


Abundance

Ion 248.00 (247.70 to 248.70): E

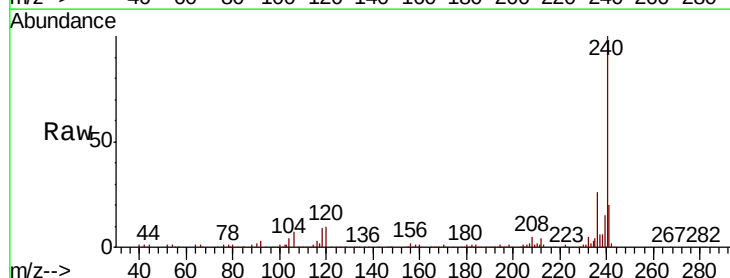
Ion 250.00 (249.70 to 250.70): E

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: BG038357.D
Acq: 5 Dec 2018 13:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.1	12.1
236	26.5	21.4	32.0

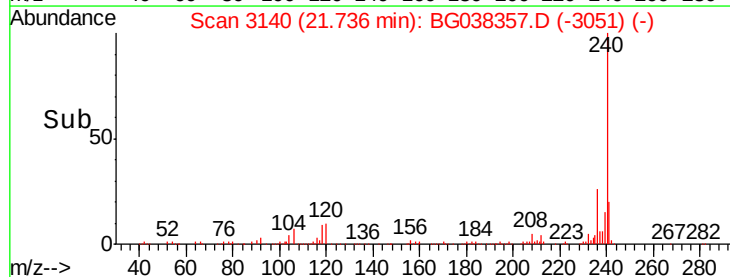
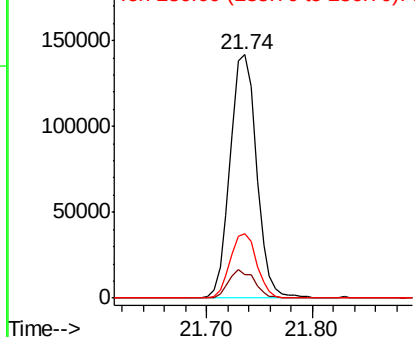


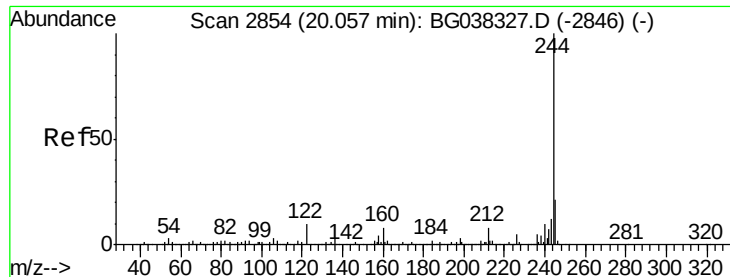
Abundance

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: 68.974 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038357.D

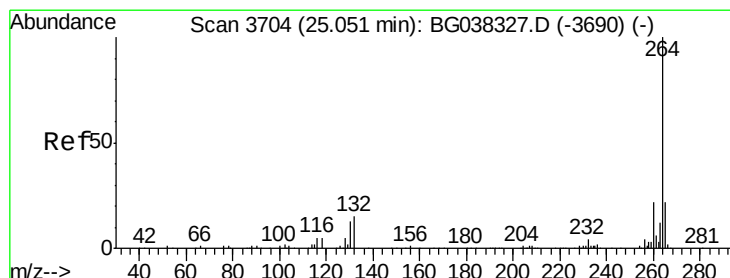
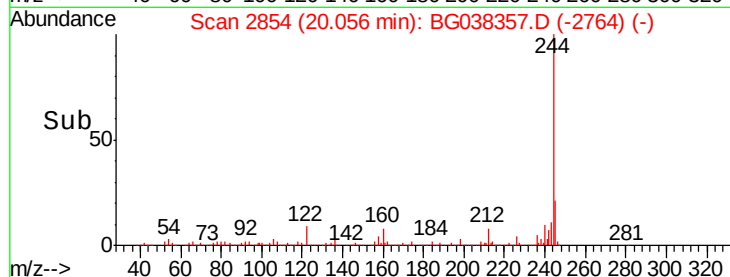
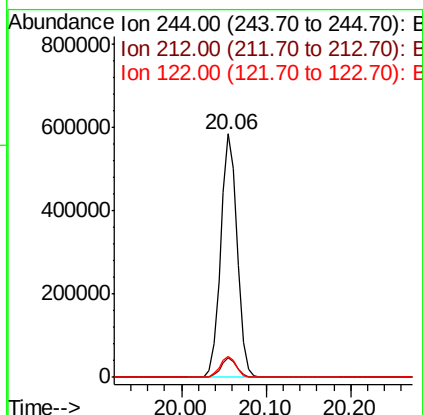
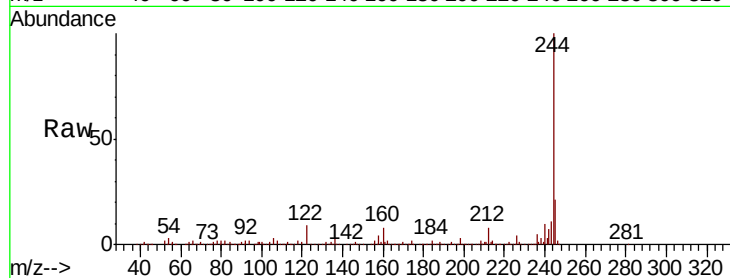
Acq: 5 Dec 2018 13:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion:244	Resp:	791101
Ion Ratio	Lower	Upper
244	100	
212	8.0	6.5 9.7
122	8.7	9.0 13.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038357.D

Acq: 5 Dec 2018 13:01

Tgt Ion:264	Resp:	196465
Ion Ratio	Lower	Upper
264	100	
260	23.9	18.2 27.4
265	22.5	17.9 26.9

