

Data File : BG037815.D
Acq On : 5 Nov 2018 22:59
Operator : JU/SJ
Sample : J5771-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-110218-A

Quant Time: Nov 06 04:18:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

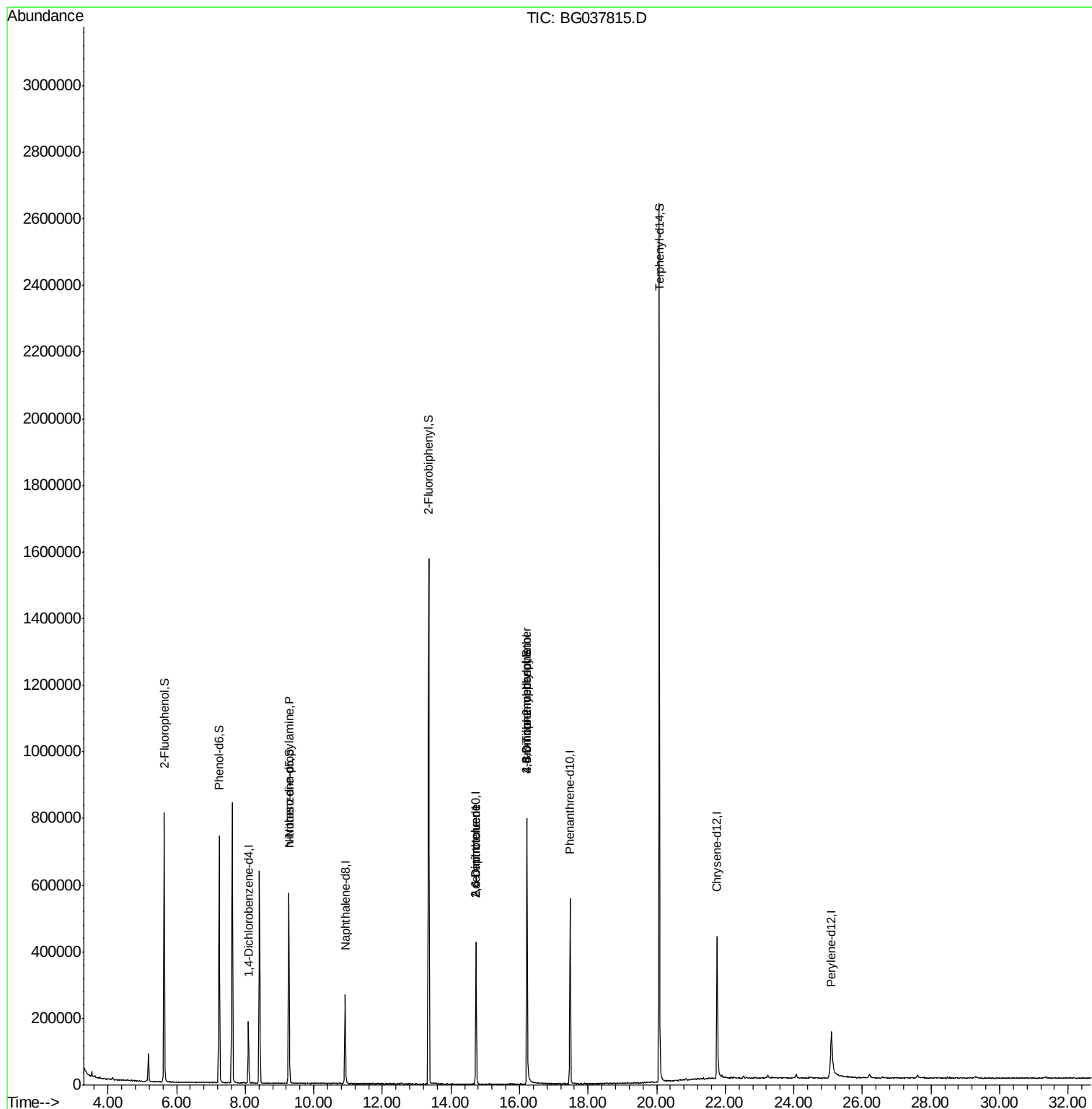
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55533	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	243931	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	161800	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	352412	20.00	ng	0.00
76) Chrysene-d12	21.76	240	315773	20.00	ng	-0.02
87) Perylene-d12	25.10	264	247596	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	373237	112.37	ng	0.00
7) Phenol-d6	7.24	99	488333	97.22	ng	0.00
23) Nitrobenzene-d5	9.27	82	369907	84.95	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	161090	91.28	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	888047	82.76	ng	-0.02
79) Terphenyl-d14	20.07	244	1329430	89.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	45274	13.090	ng	# 69
51) 2,6-Dinitrotoluene	14.73	165	20890	7.544	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20890	5.747	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	489	8.725	ng	80
67) 4-Bromophenyl-phenylether	16.21	248	11716	3.027	ng	# 1

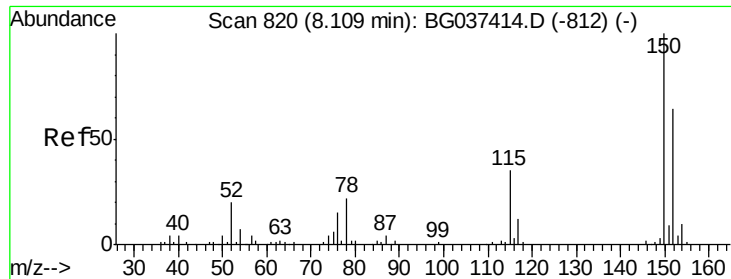
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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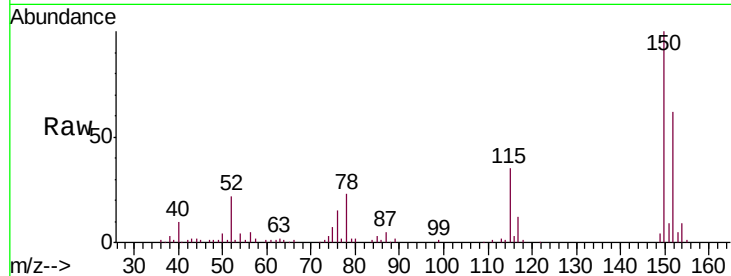




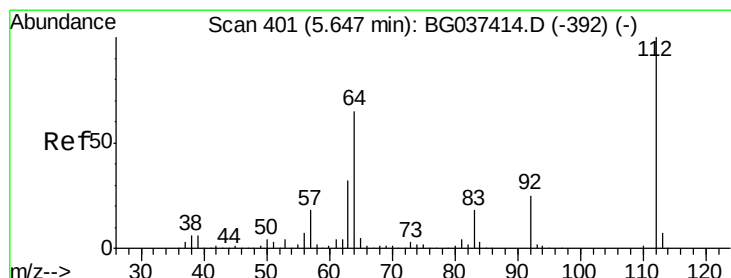
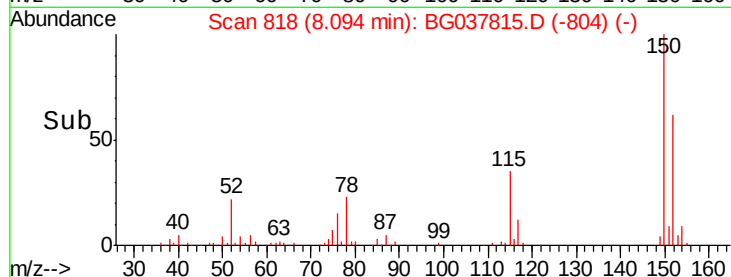
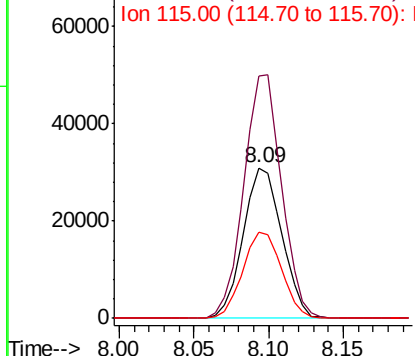
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-A

Tgt Ion:152 Resp: 55533
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.0 189.0
 115 56.9 45.5 68.3

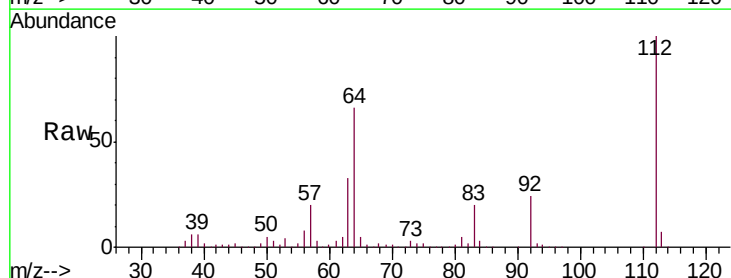


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

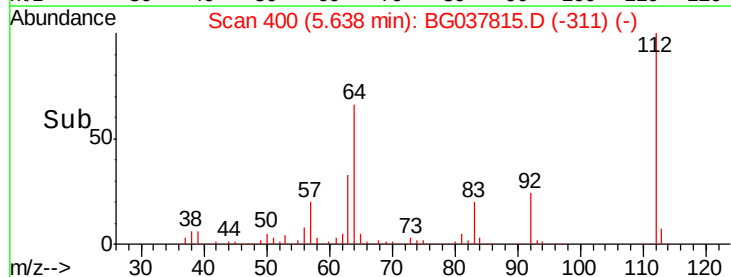
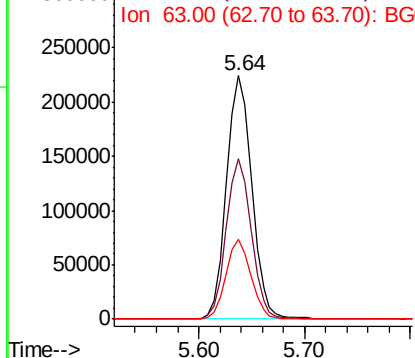


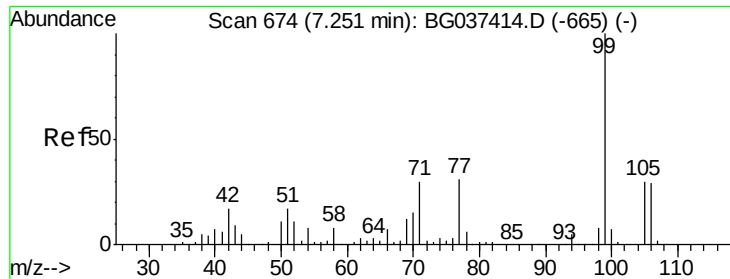
#5
 2-Fluorophenol
 Concen: 112.365 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

Tgt Ion:112 Resp: 373237
 Ion Ratio Lower Upper
 112 100
 64 66.1 53.1 79.7
 63 32.8 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: 97.224 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-A

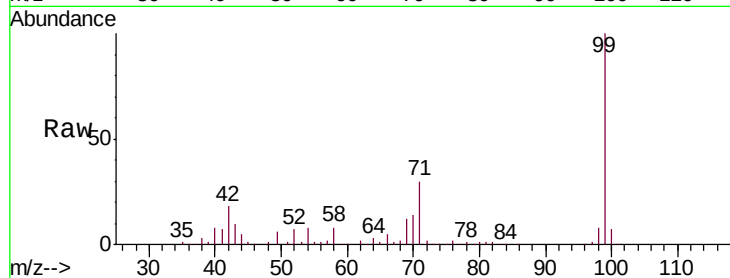
Tgt Ion: 99 Resp: 488333

Ion Ratio Lower Upper

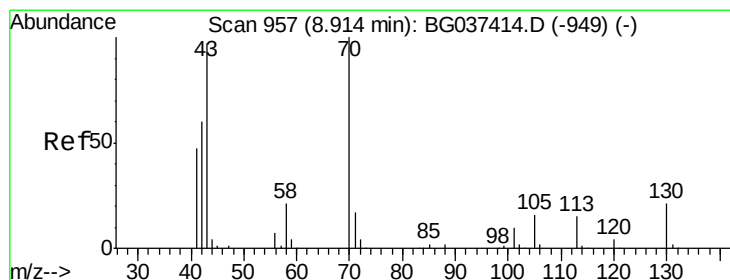
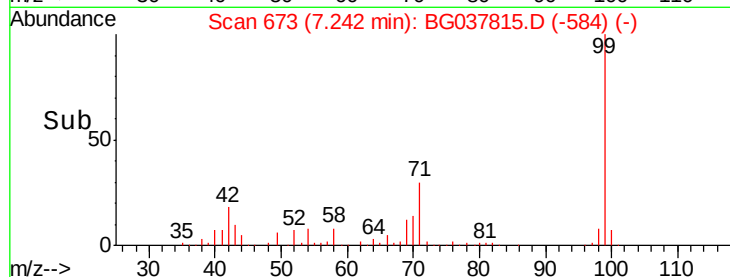
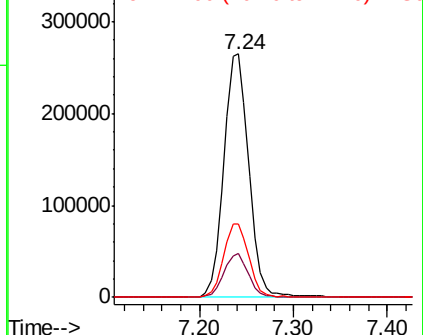
99 100

42 18.0 15.0 22.4

71 30.4 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: 13.090 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

Tgt Ion: 70 Resp: 45274

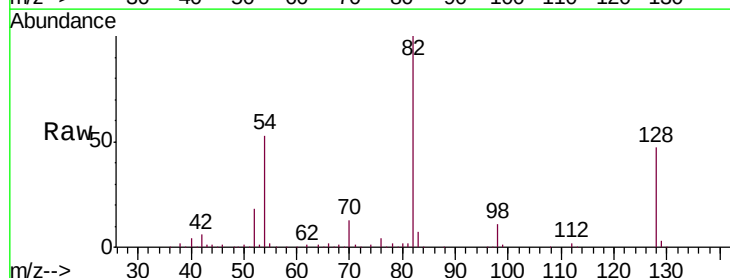
Ion Ratio Lower Upper

70 100

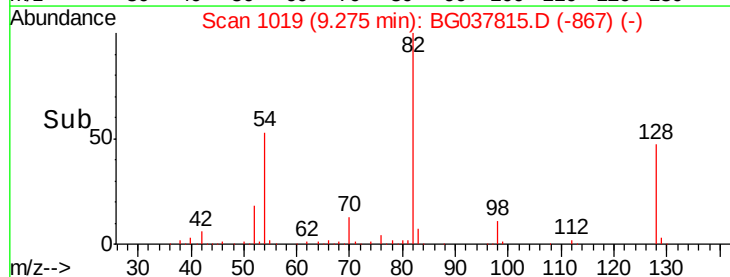
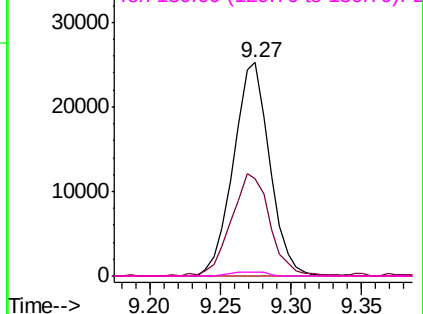
42 45.8 53.9 80.9#

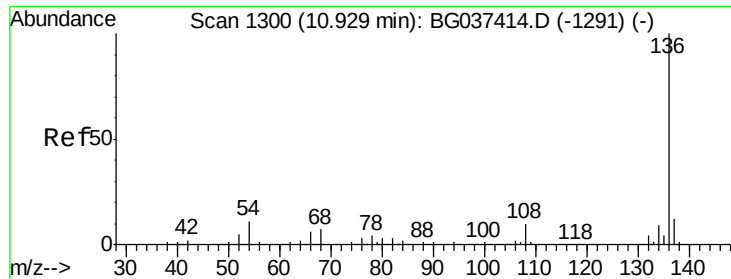
101 0.0 8.2 12.2#

130 2.0 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

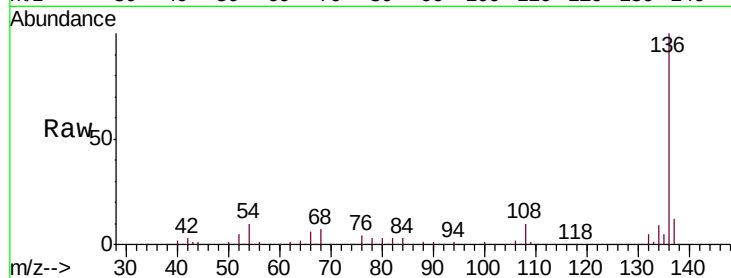




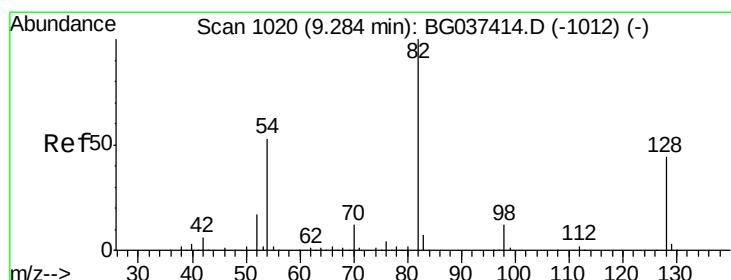
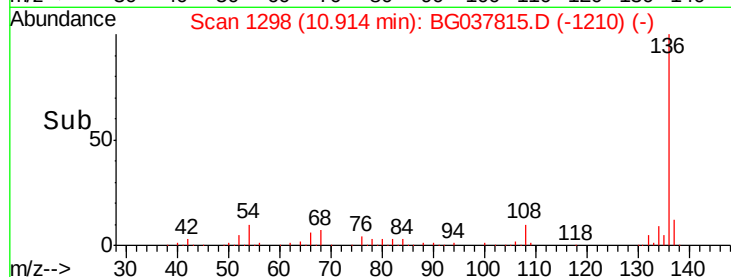
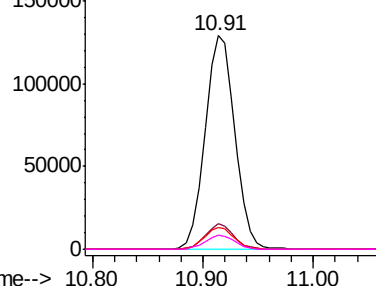
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037815.D
Acq: 5 Nov 2018 22:59

Instrument :
BNA_G
ClientSampleId :
EO-01-110218-A

Tgt Ion:	136	Resp:	243931
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	10.2	7.9	11.9
68	6.8	4.8	7.2

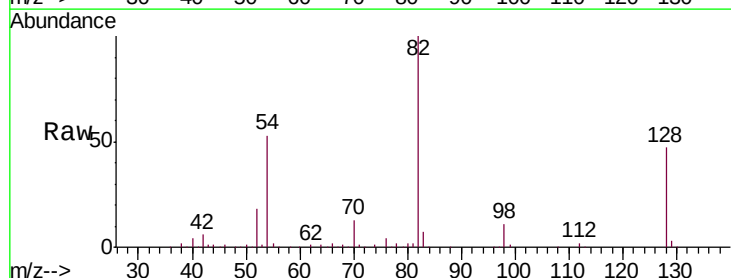


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

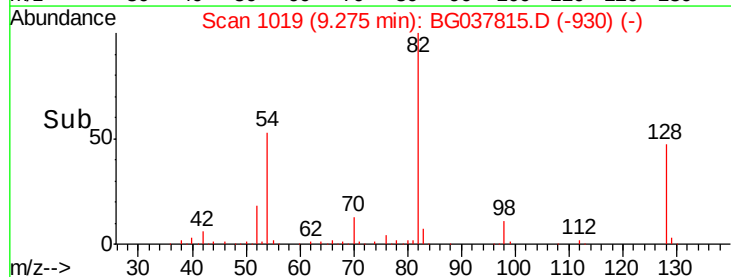
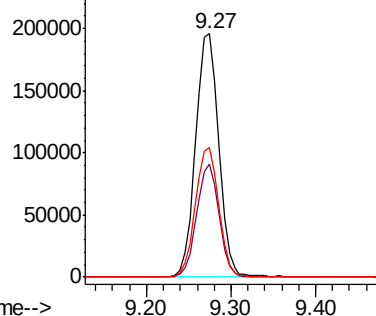


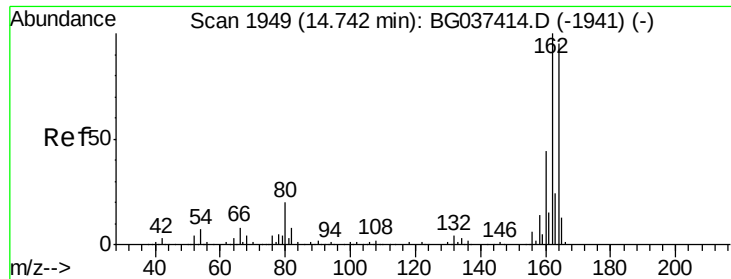
#23
Nitrobenzene-d5
Concen: 84.949 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037815.D
Acq: 5 Nov 2018 22:59

Tgt Ion:	82	Resp:	369907
Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.6	51.8
54	53.4	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
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: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-A

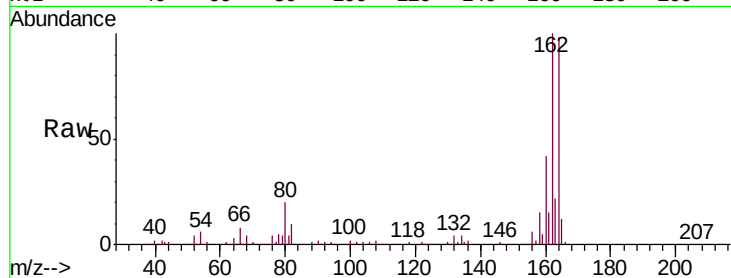
Tgt Ion:164 Resp: 161800

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

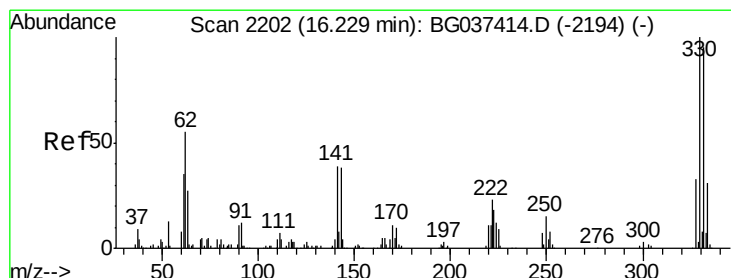
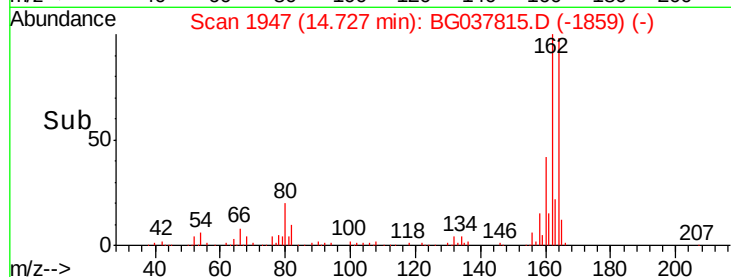
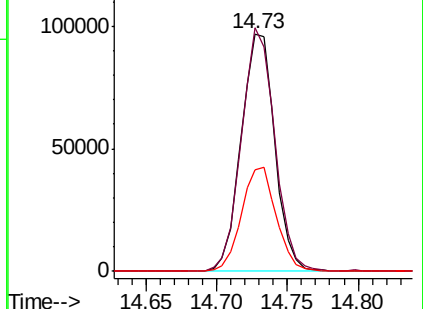
160 42.6 36.3 54.5



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: 91.283 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037815.D

Acq: 5 Nov 2018 22:59

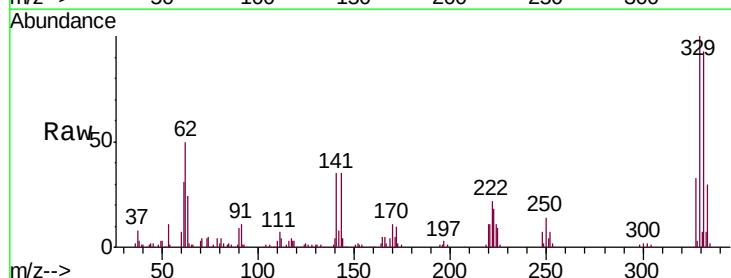
Tgt Ion:330 Resp: 161090

Ion Ratio Lower Upper

330 100

332 98.2 78.4 117.6

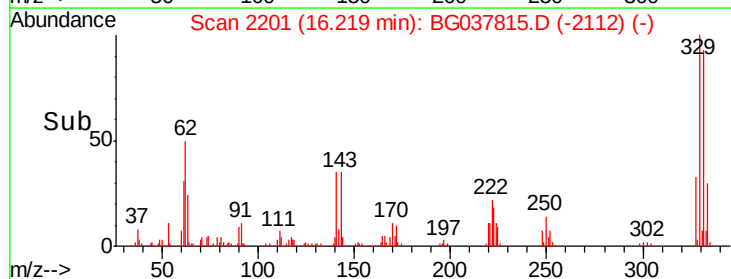
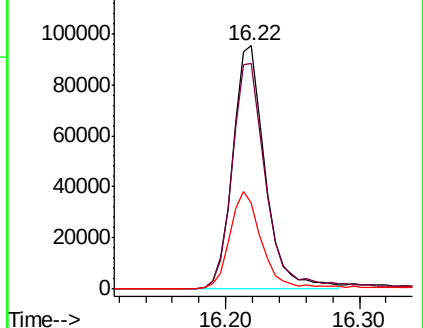
141 40.5 32.2 48.2

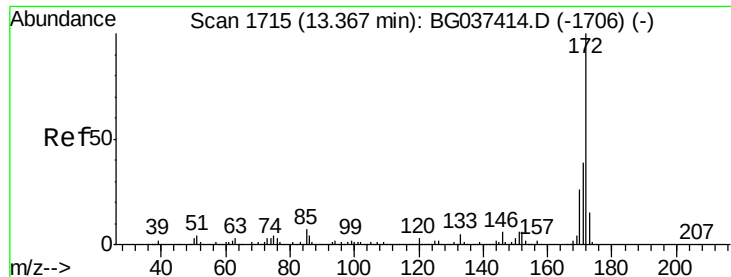


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

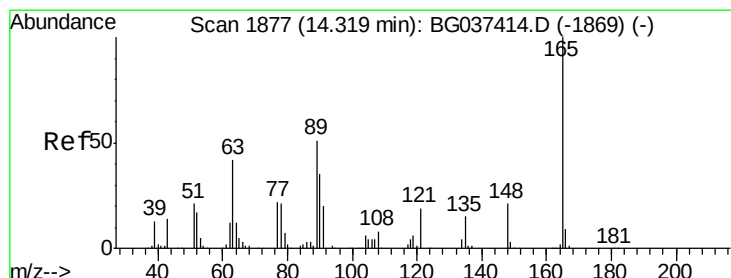
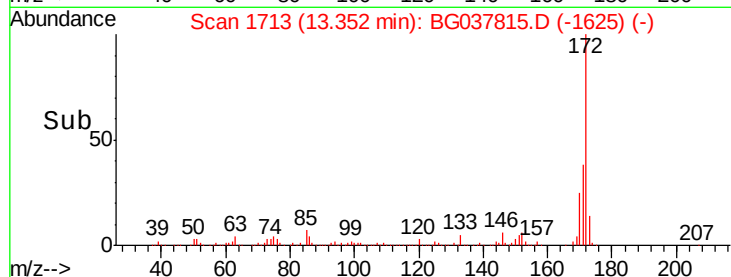
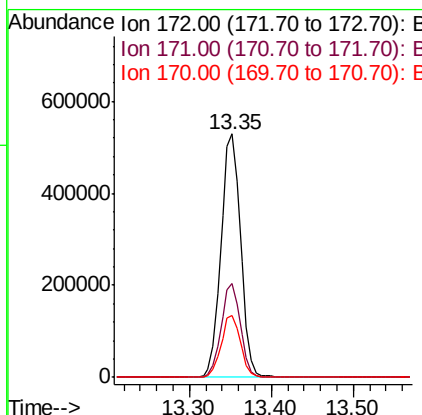
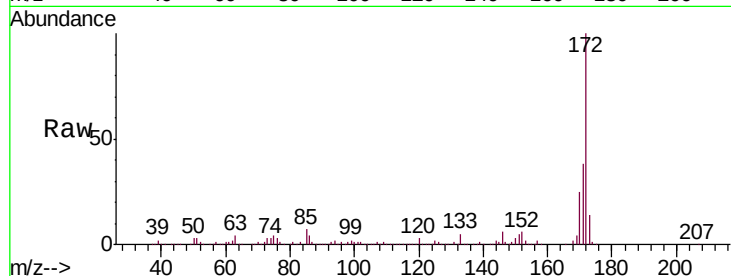




#45
 2-Fluorobiphenyl
 Concen: 82.764 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

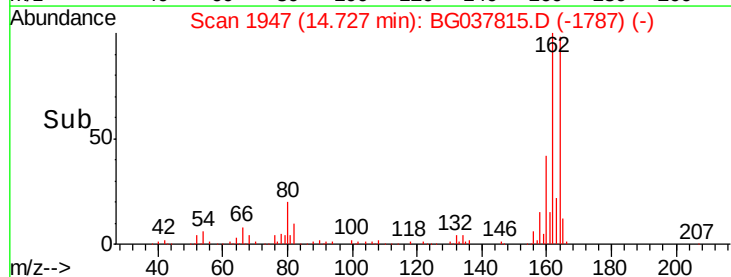
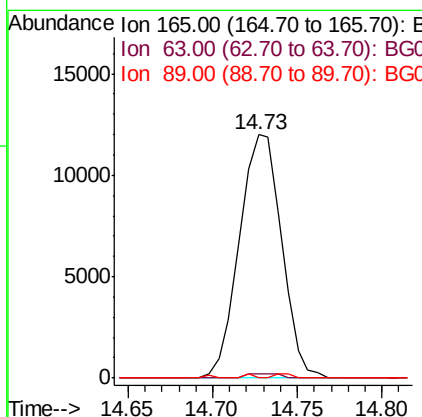
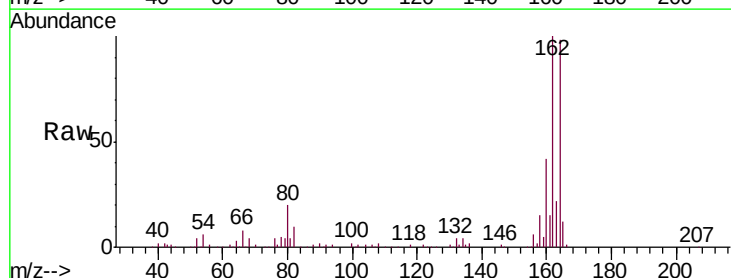
Instrument :
 BNA_G
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 EO-01-110218-A

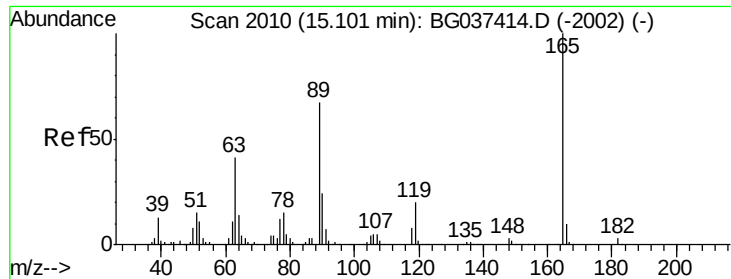
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.3	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.544 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	0.0	45.8	68.6#

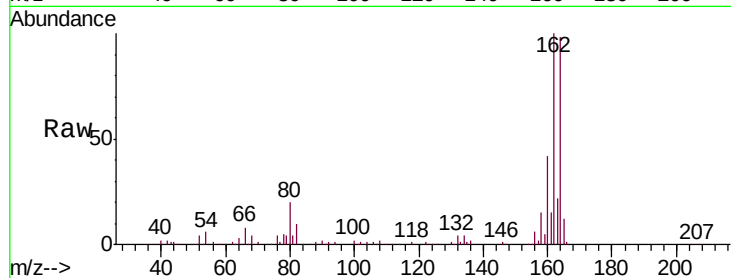




#57
 2,4-Dinitrotoluene
 Concen: 5.747 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

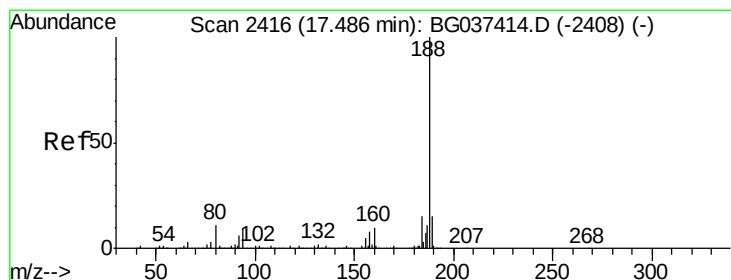
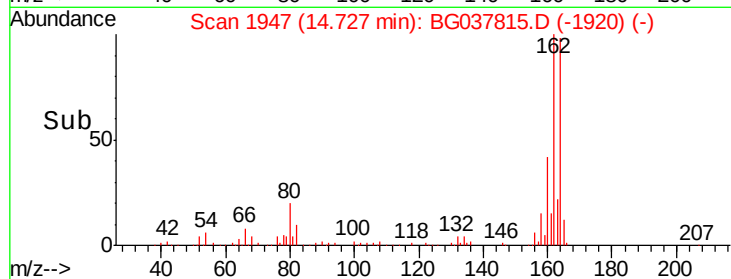
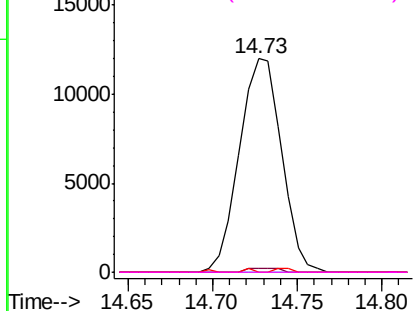


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

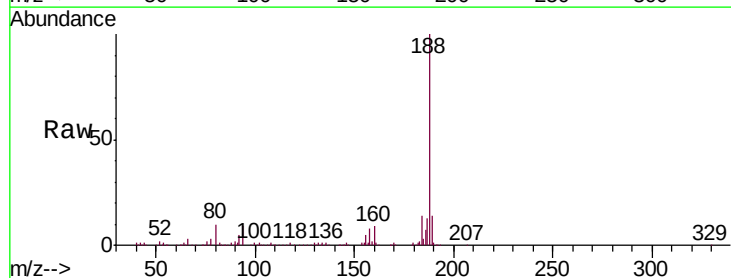
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

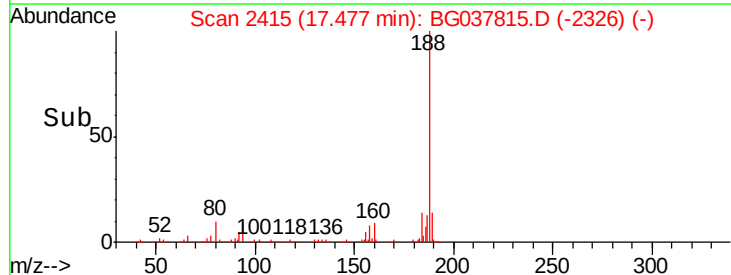
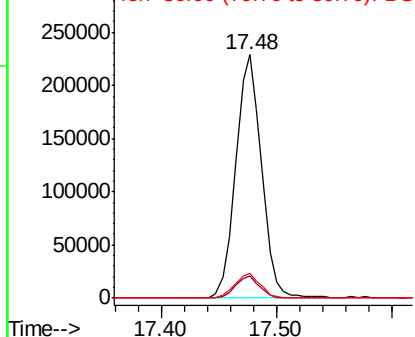
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.2	7.7	11.5

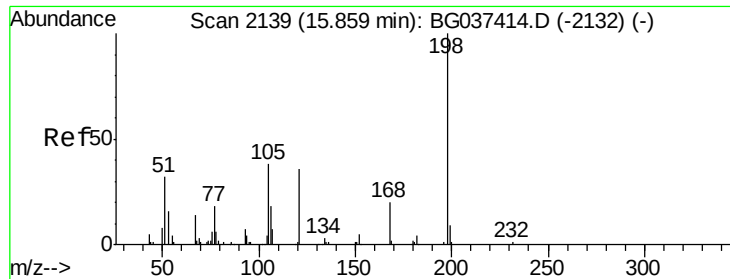


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

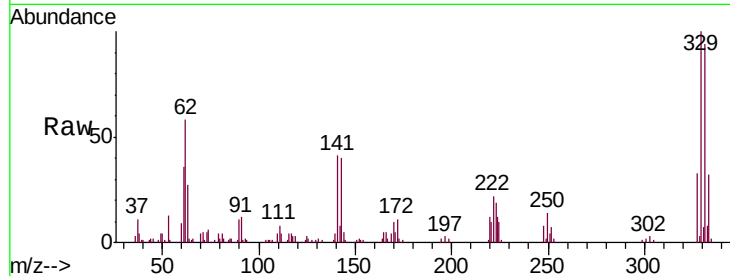




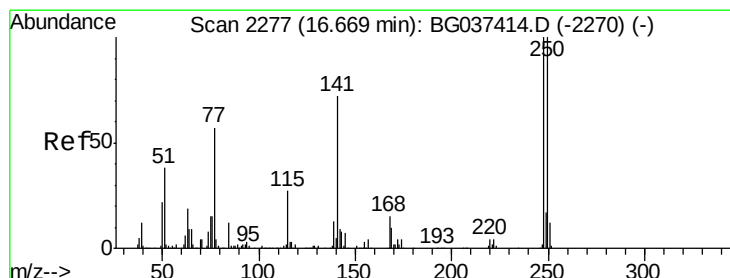
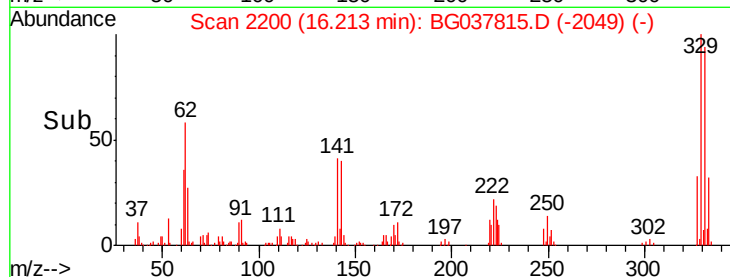
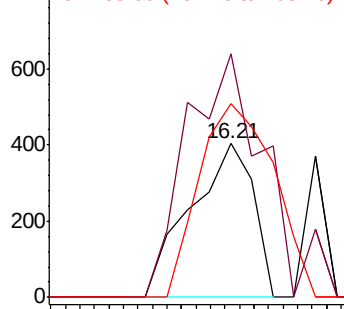
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.725 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-A

Tgt Ion:198 Resp: 489
 Ion Ratio Lower Upper
 198 100
 51 31.6 22.7 62.7
 105 25.1 19.7 59.7

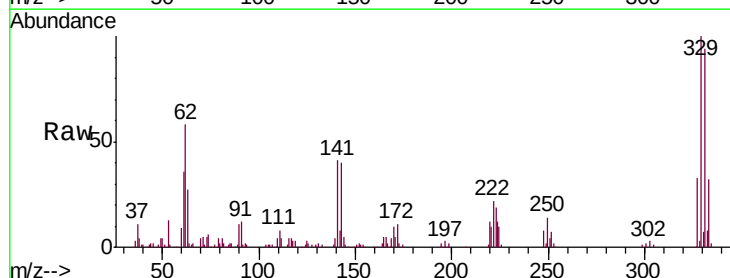


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

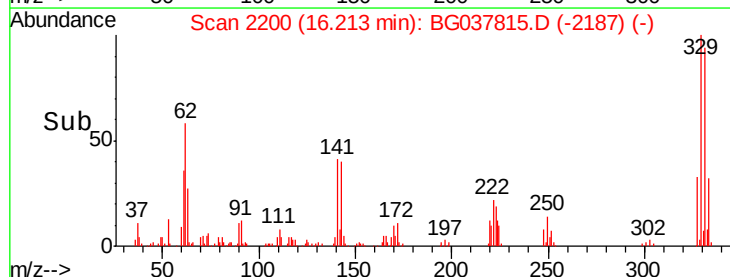
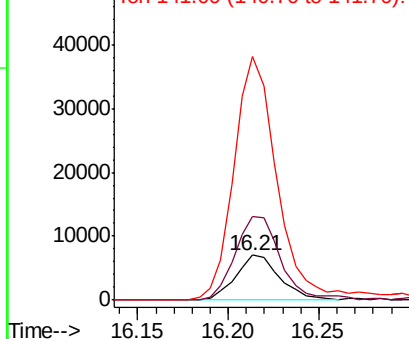


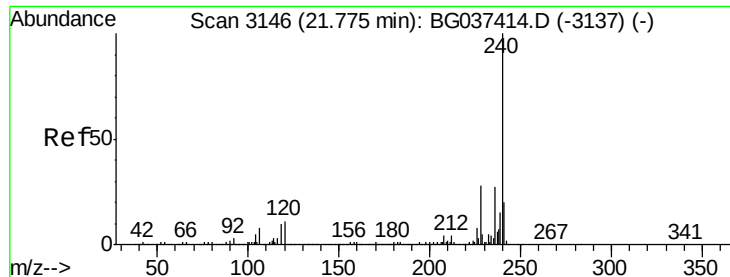
#67
 4-Bromophenyl-phenylether
 Concen: 3.027 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037815.D
 Acq: 5 Nov 2018 22:59

Tgt Ion:248 Resp: 11716
 Ion Ratio Lower Upper
 248 100
 250 197.1 77.0 115.6#
 141 436.6 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

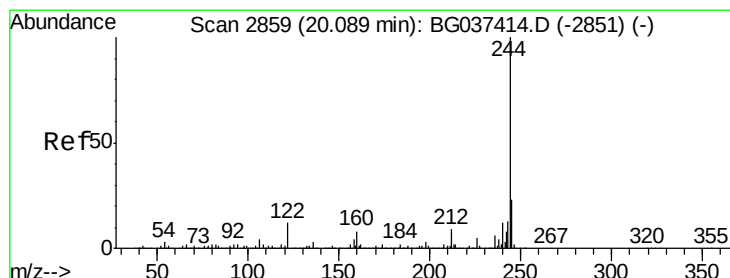
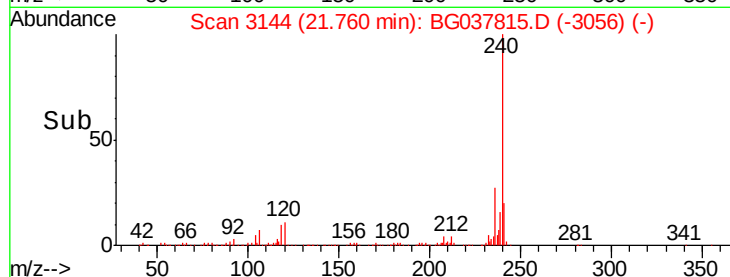
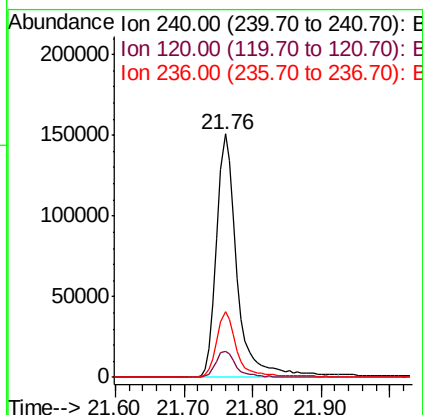
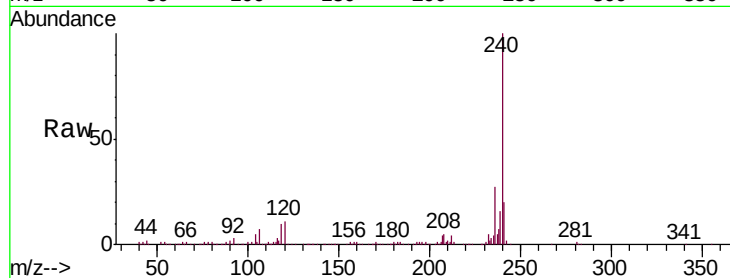




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037815.D
Acq: 5 Nov 2018 22:59

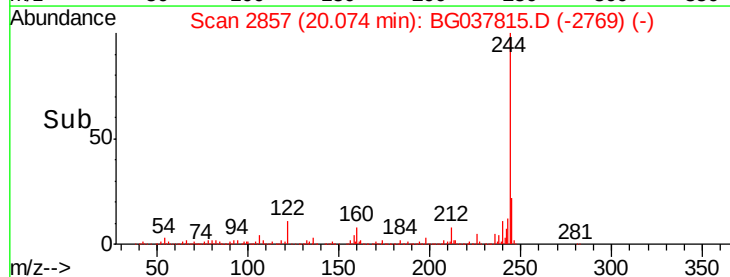
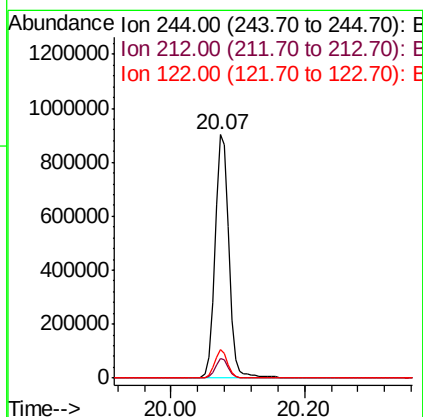
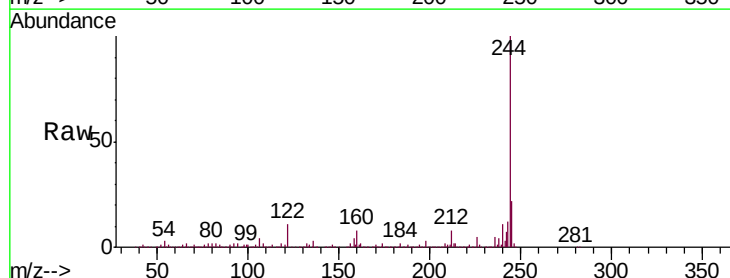
Instrument :
BNA_G
ClientSampleId :
EO-01-110218-A

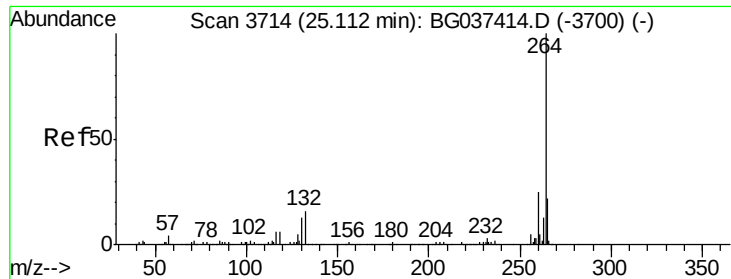
Tgt Ion:240 Resp: 315773
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.0 21.4 32.0



#79
Terphenyl-d14
Concen: 89.960 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037815.D
Acq: 5 Nov 2018 22:59

Tgt Ion:244 Resp: 1329430
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 11.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037815.D
Acq: 5 Nov 2018 22:59

Instrument :
BNA_G
ClientSampleId :
EO-01-110218-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	23.6	17.9	26.9

