

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
 Data File : BG038121.D
 Acq On : 21 Nov 2018 17:37
 Operator : JU/SJ
 Sample : J6023-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 111918-CHDE-E-U-S

Quant Time: Nov 22 01:21:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

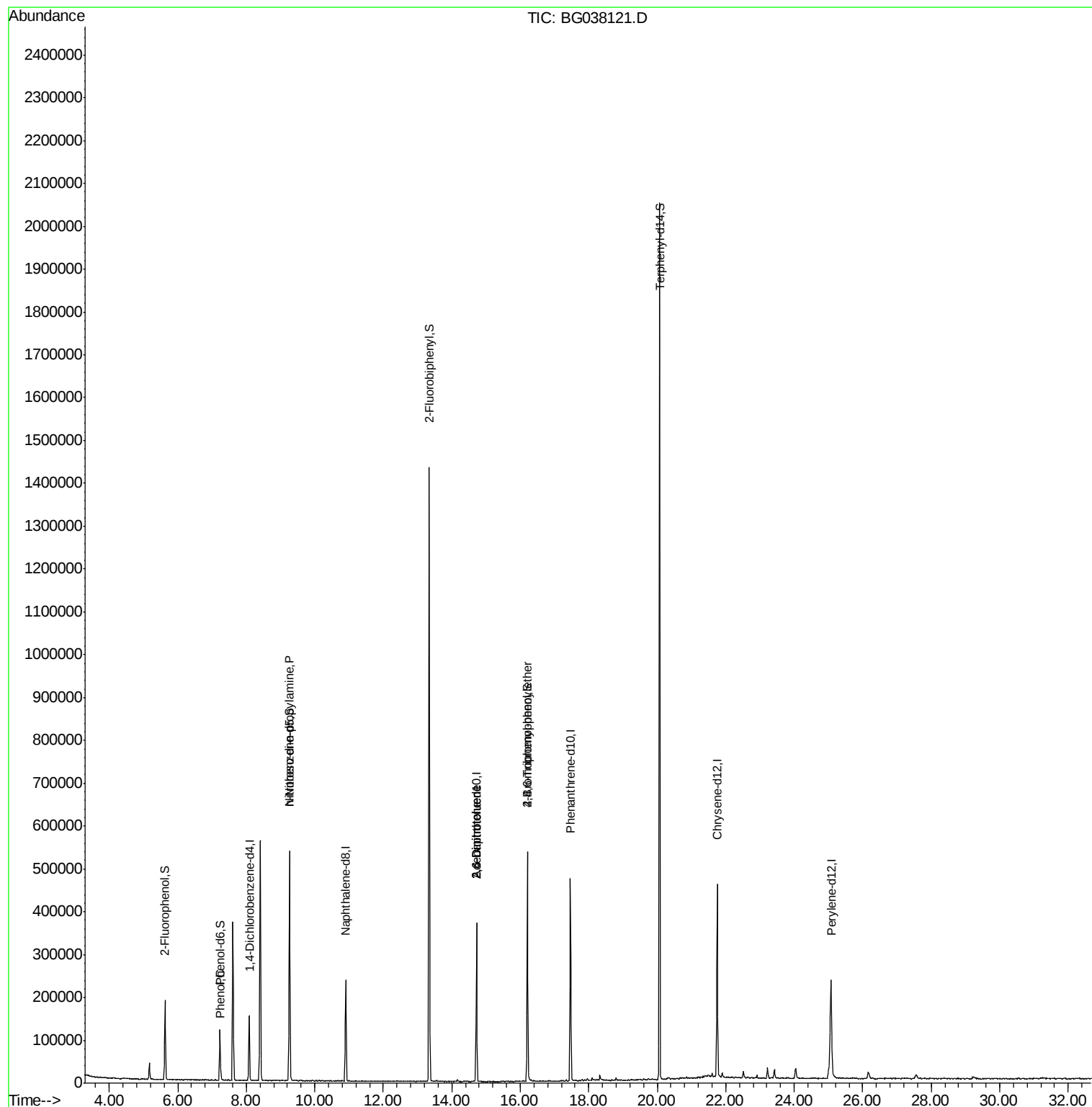
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44732	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	210772	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	133424	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	297974	20.00	ng	0.00
76) Chrysene-d12	21.75	240	276600	20.00	ng	0.00
87) Perylene-d12	25.07	264	282718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	83739	32.32	ng	0.00
7) Phenol-d6	7.23	99	71821	19.42	ng	0.00
23) Nitrobenzene-d5	9.26	82	331922	84.30	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	100671	66.16	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	768858	83.95	ng	0.00
79) Terphenyl-d14	20.07	244	940254	79.99	ng	0.00
Target Compounds						
10) Phenol	7.25	94	7933	2.025	ng	94
19) n-Nitroso-di-n-propylamine	9.26	70	42382	15.838	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	17274	7.216	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	17274	5.303	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	6849	2.094	ng	# 1

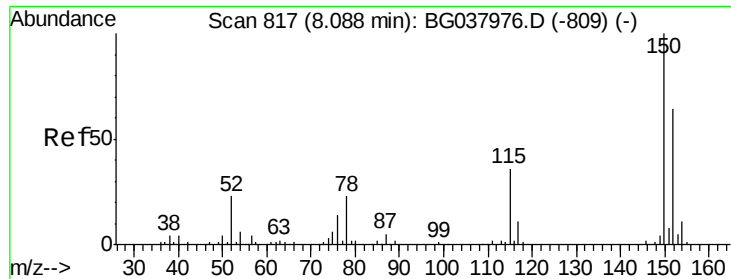
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

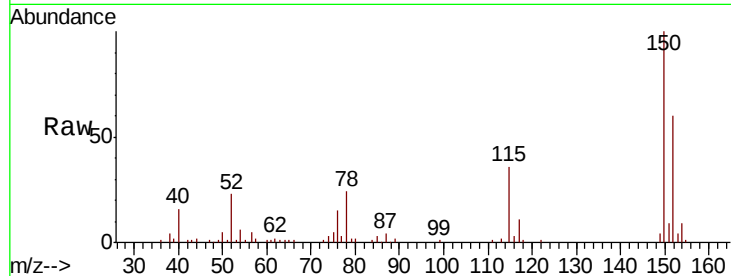




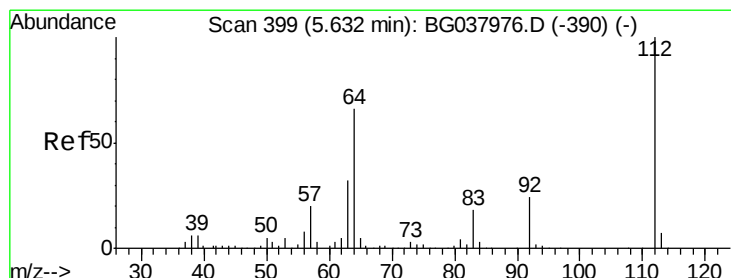
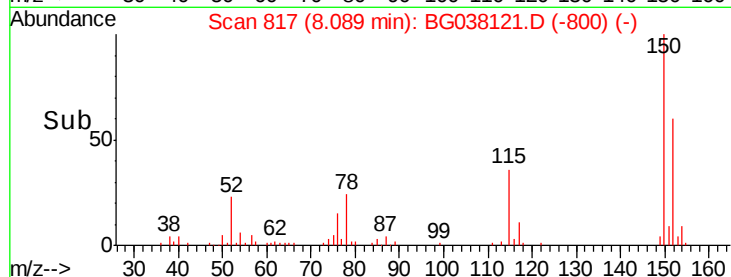
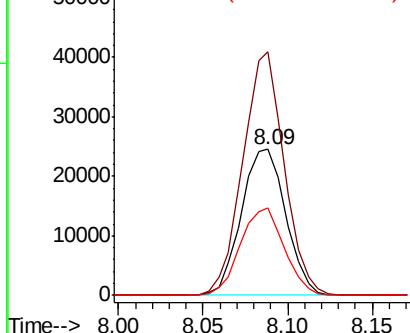
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BG038121.D
 Acq: 21 Nov 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 111918-CHDE-E-U-S

Tgt Ion:152 Resp: 44732
 Ion Ratio Lower Upper
 152 100
 150 166.9 126.0 189.0
 115 60.4 45.5 68.3

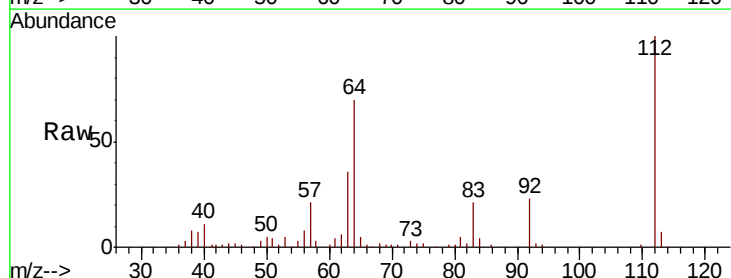


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

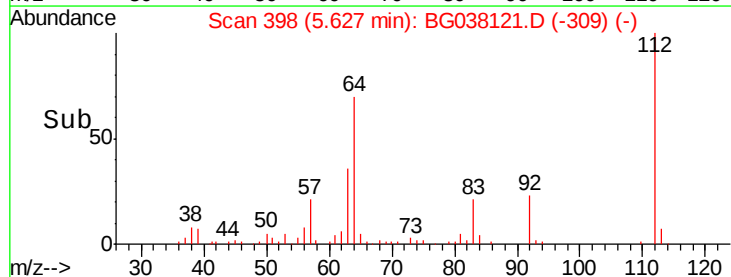
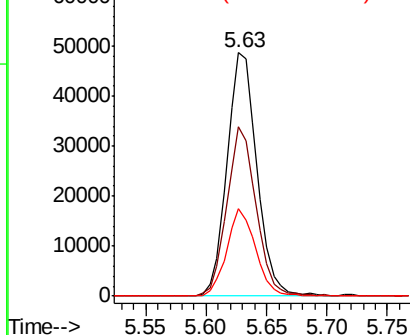


#5
 2-Fluorophenol
 Concen: 32.322 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038121.D
 Acq: 21 Nov 2018 17:37

Tgt Ion:112 Resp: 83739
 Ion Ratio Lower Upper
 112 100
 64 69.7 53.1 79.7
 63 36.2 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: 19.420 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038121.D

Acq: 21 Nov 2018 17:37

Instrument :

BNA_G

ClientSampleId :

111918-CHDE-E-U-S

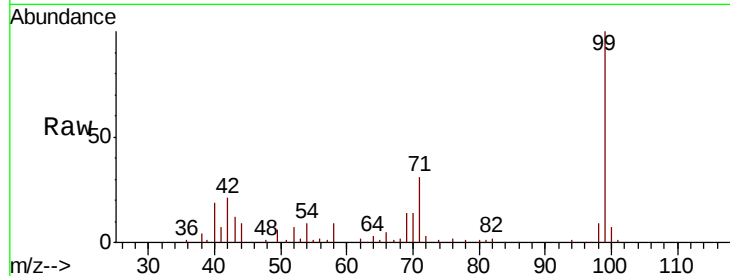
Tgt Ion: 99 Resp: 71821

Ion Ratio Lower Upper

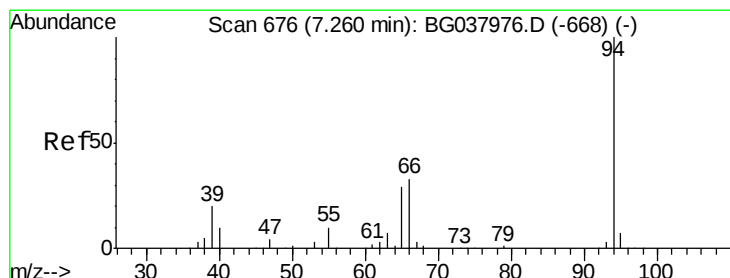
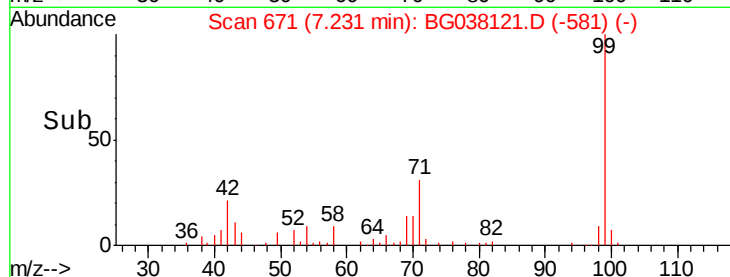
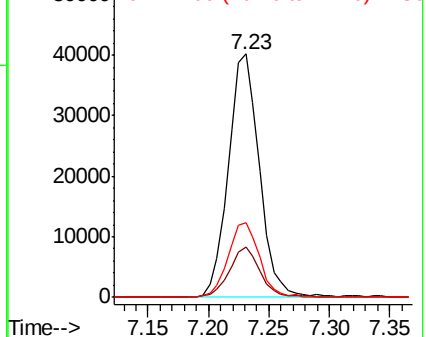
99 100

42 20.9 15.0 22.4

71 30.8 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



#10

Phenol

Concen: 2.025 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038121.D

Acq: 21 Nov 2018 17:37

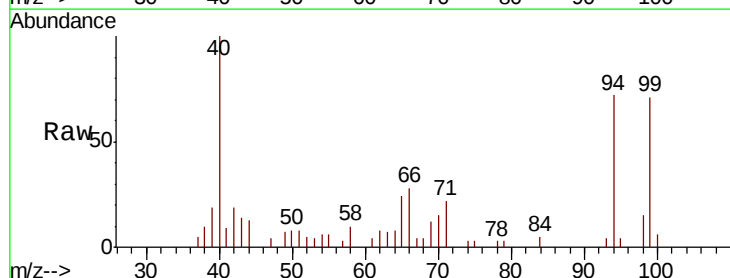
Tgt Ion: 94 Resp: 7933

Ion Ratio Lower Upper

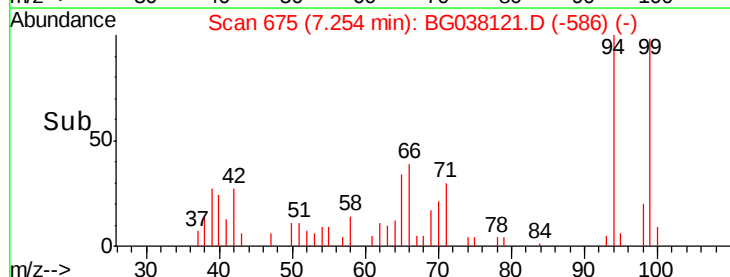
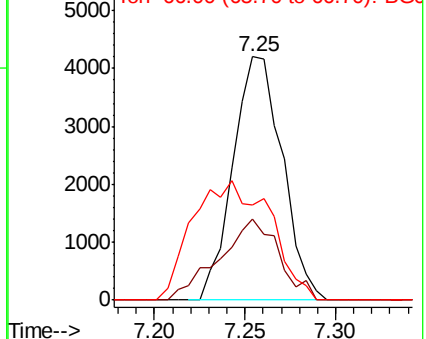
94 100

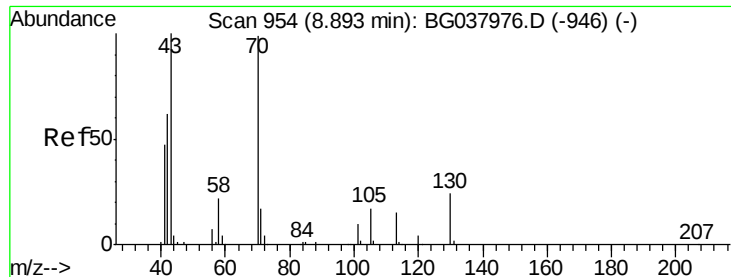
65 33.5 9.7 49.7

66 39.0 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

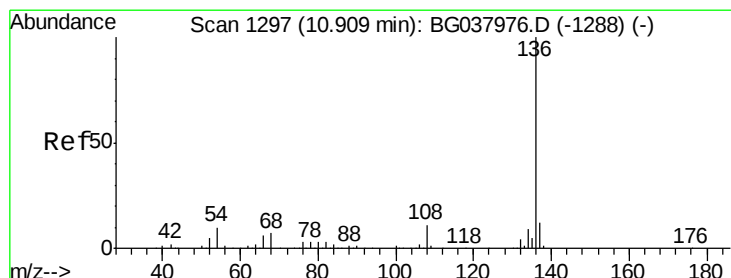
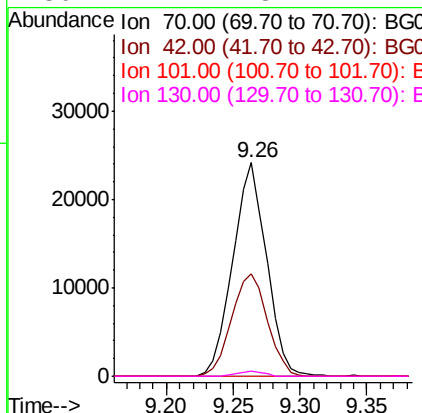
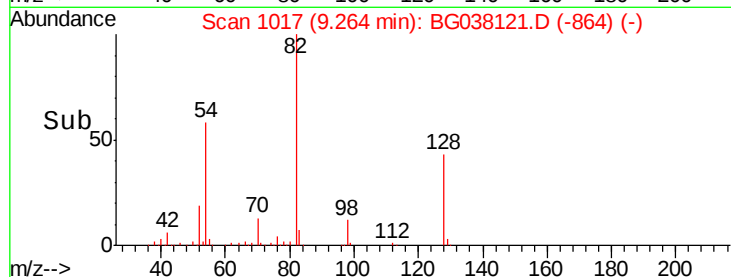
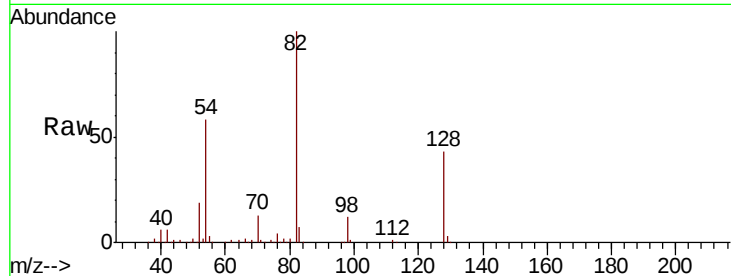




#19
n-Nitroso-di-n-propylamine
Concen: 15.838 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

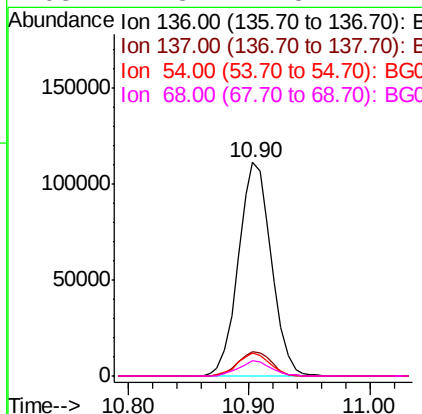
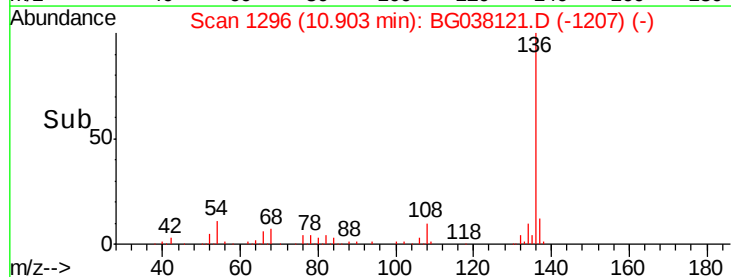
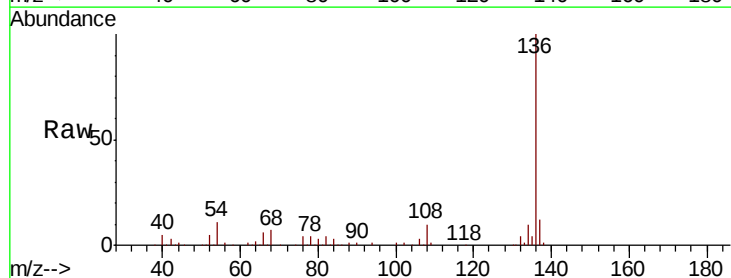
Instrument :
BNA_G
ClientSampleId :
111918-CHDE-E-U-S

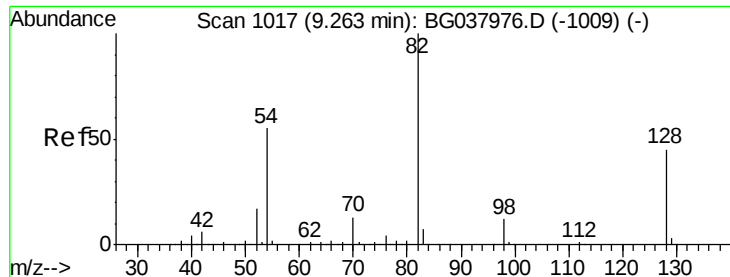
Tgt Ion: 70 Resp: 42382
Ion Ratio Lower Upper
70 100
42 48.2 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

Tgt Ion: 136 Resp: 210772
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 11.0 7.9 11.9
68 7.3 4.8 7.2#

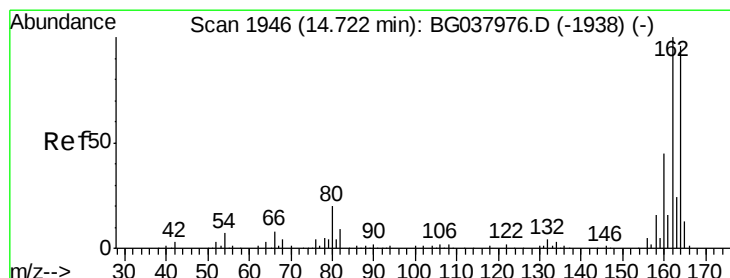
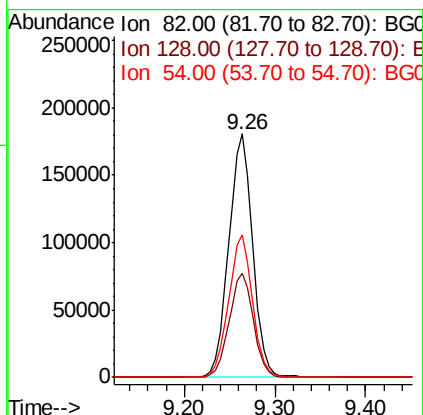
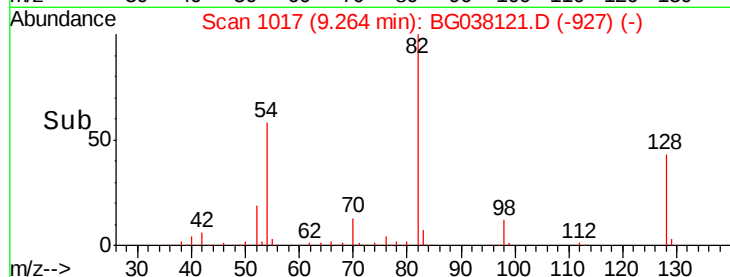
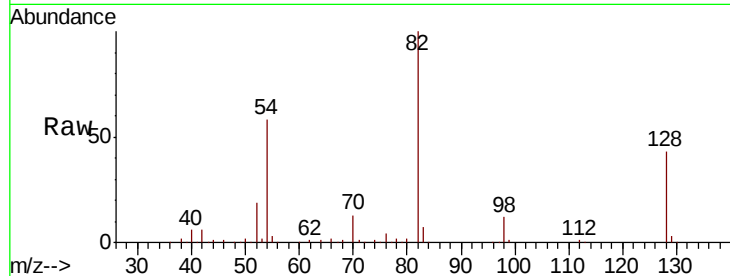




#23
Nitrobenzene-d5
Concen: 84.299 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

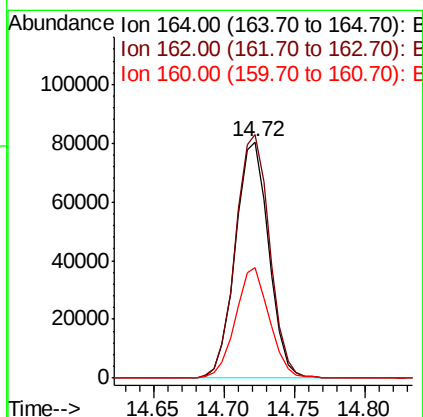
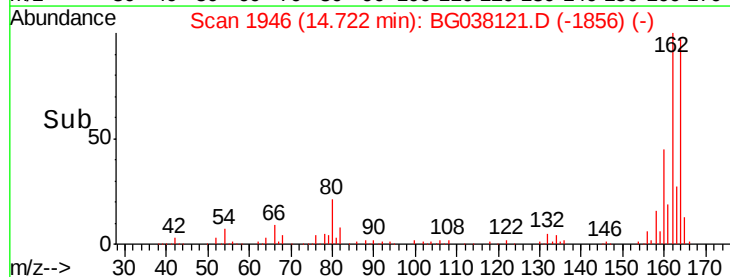
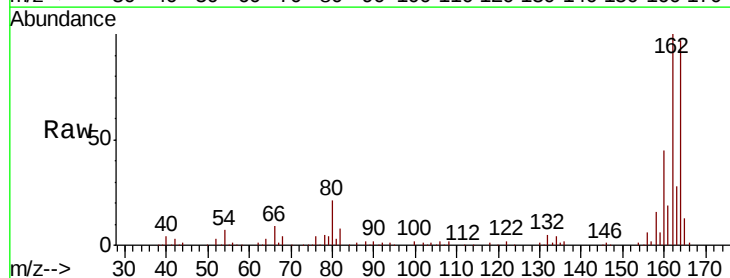
Instrument :
BNA_G
ClientSampleId :
111918-CHDE-E-U-S

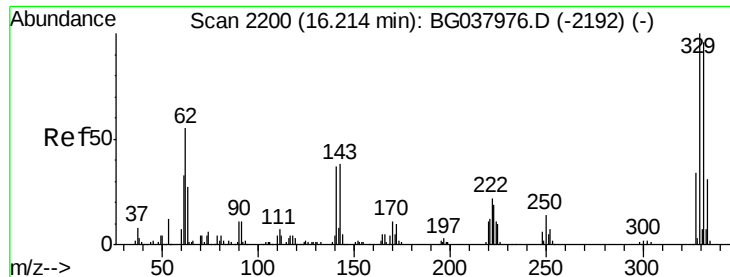
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	58.4	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	46.8	36.3	54.5

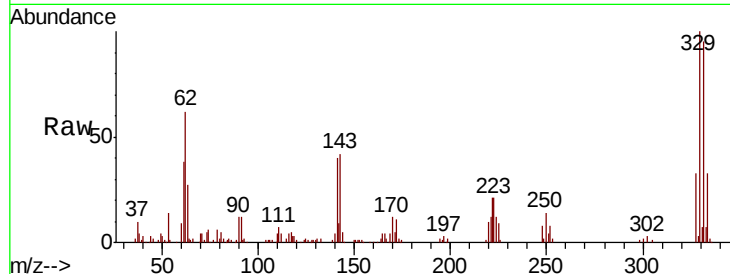




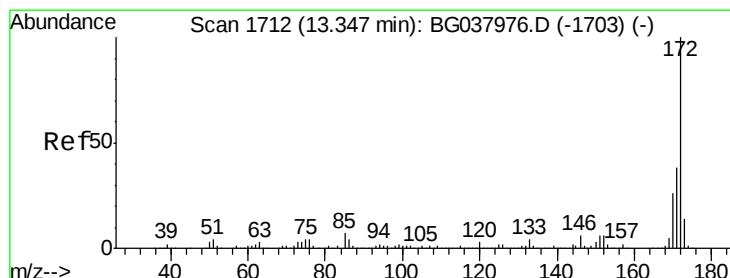
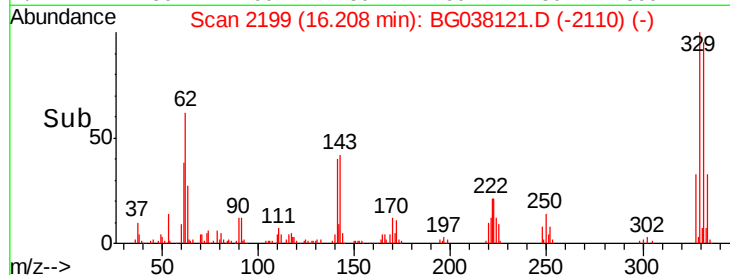
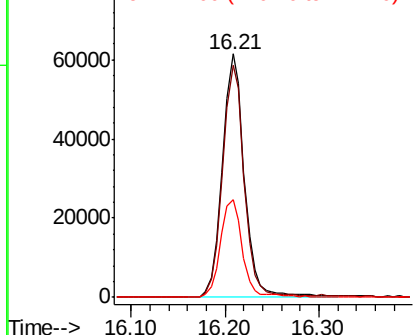
#42
 2,4,6-Tribromophenol
 Concen: 66.158 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038121.D
 Acq: 21 Nov 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 111918-CHDE-E-U-S

Tgt Ion:330 Resp: 100671
 Ion Ratio Lower Upper
 330 100
 332 93.6 78.4 117.6
 141 40.0 32.2 48.2

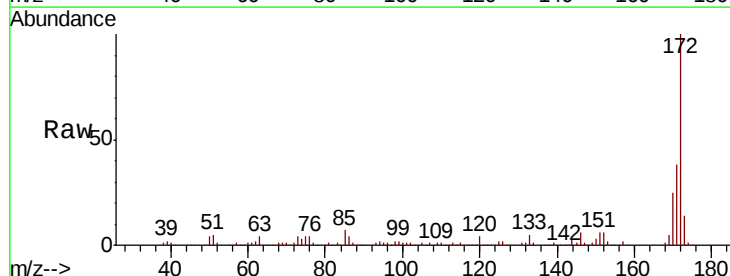


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

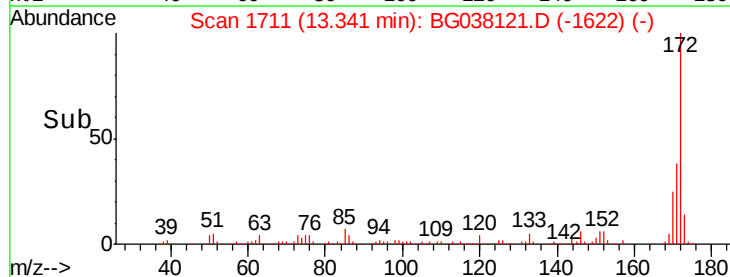
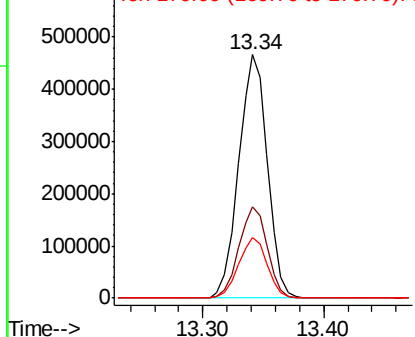


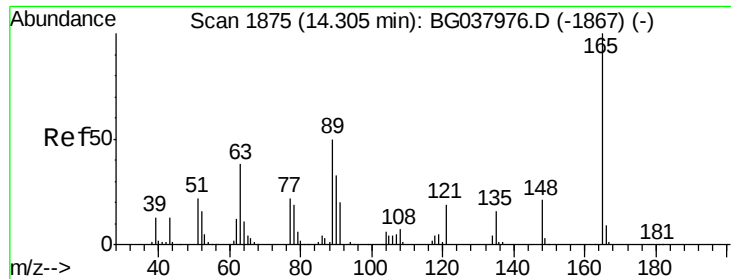
#45
 2-Fluorobiphenyl
 Concen: 83.951 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038121.D
 Acq: 21 Nov 2018 17:37

Tgt Ion:172 Resp: 768858
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 24.6 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

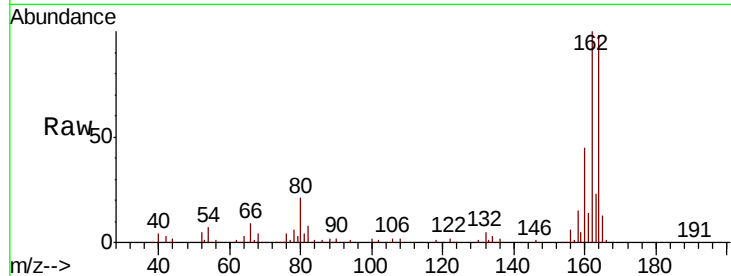




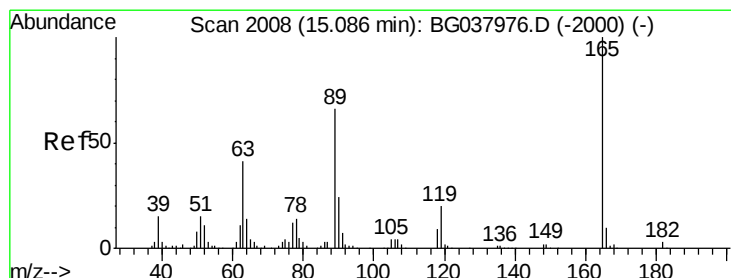
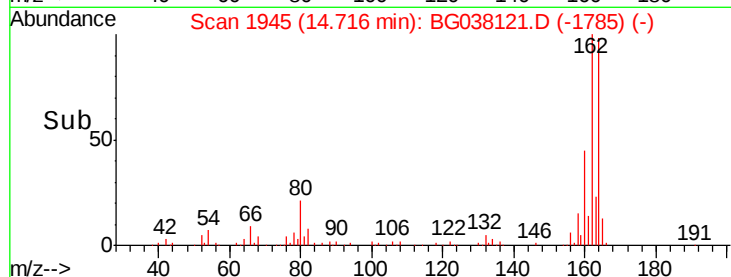
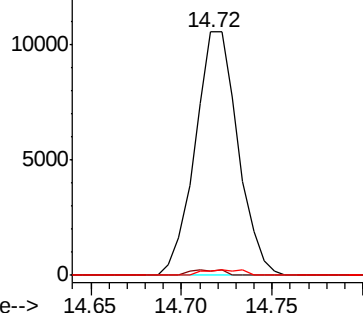
#51
 2,6-Dinitrotoluene
 Concen: 7.216 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038121.D
 Acq: 21 Nov 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 111918-CHDE-E-U-S

Tgt Ion:165 Resp: 17274
 Ion Ratio Lower Upper
 165 100
 63 1.5 43.4 65.2#
 89 2.0 45.8 68.6#



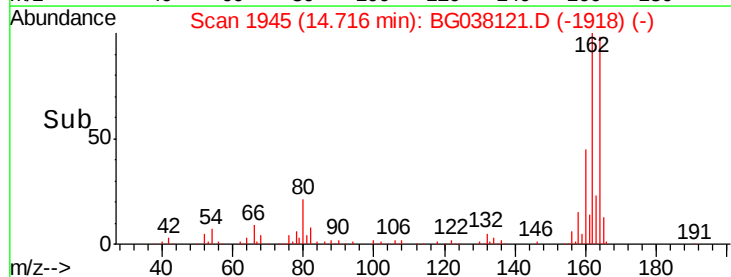
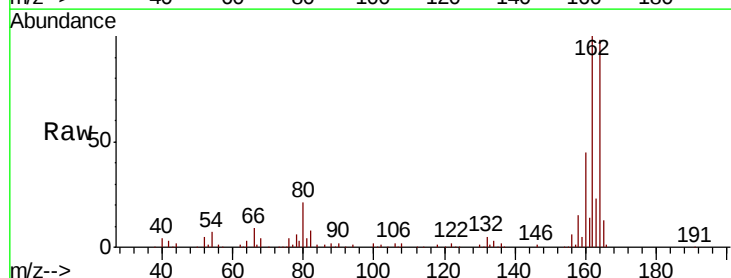
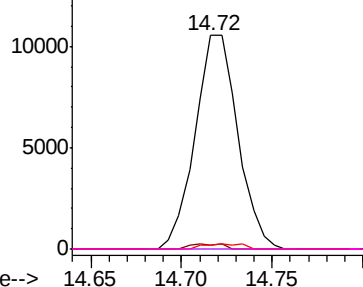
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.303 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038121.D
 Acq: 21 Nov 2018 17:37

Tgt Ion:165 Resp: 17274
 Ion Ratio Lower Upper
 165 100
 63 1.5 33.4 50.0#
 89 2.0 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

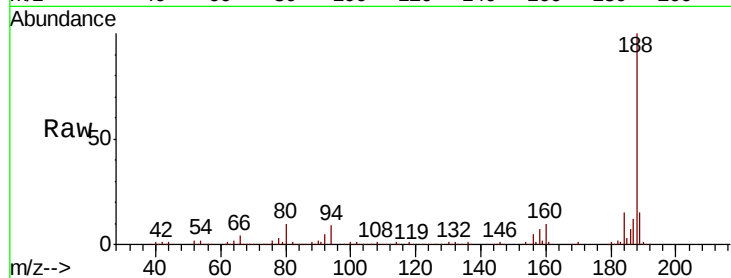




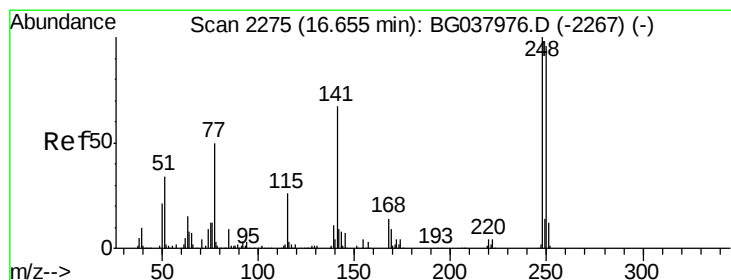
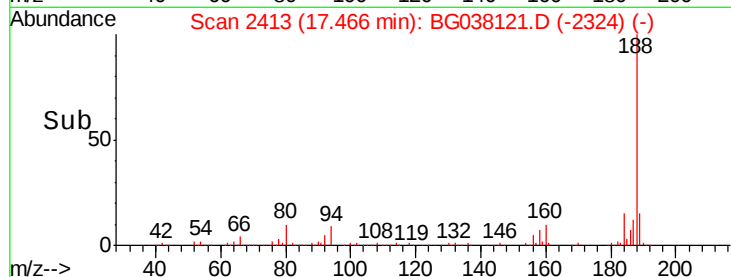
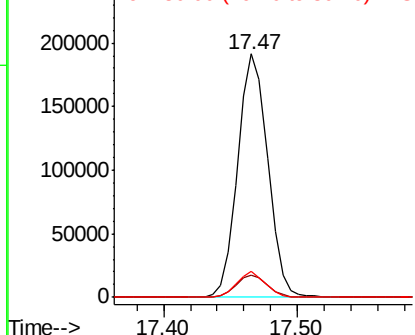
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

Instrument :
BNA_G
ClientSampleId :
111918-CHDE-E-U-S

Tgt Ion:188 Resp: 297974
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.4 7.7 11.5

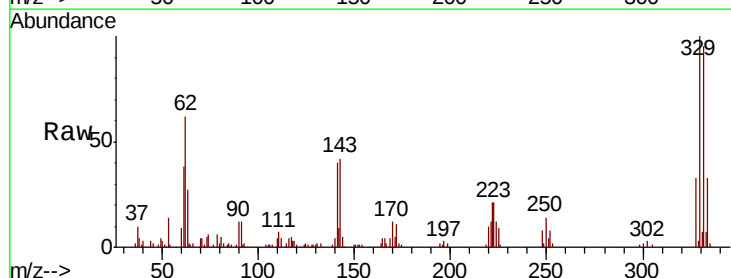


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

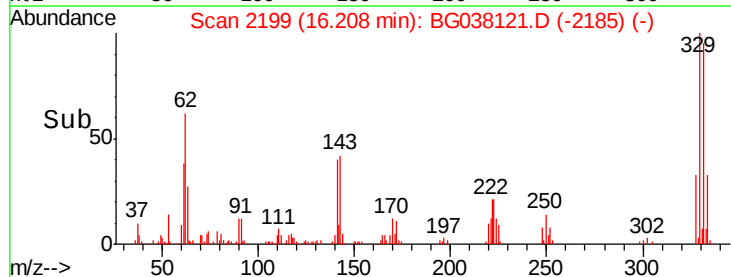
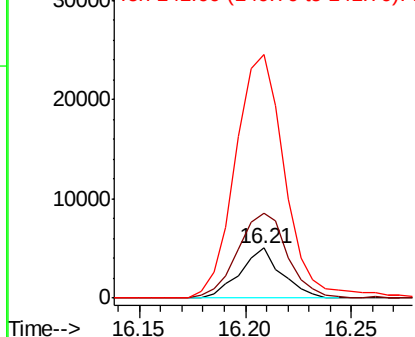


#67
4-Bromophenyl-phenylether
Concen: 2.094 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

Tgt Ion:248 Resp: 6849
Ion Ratio Lower Upper
248 100
250 171.5 77.0 115.6#
141 385.6 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

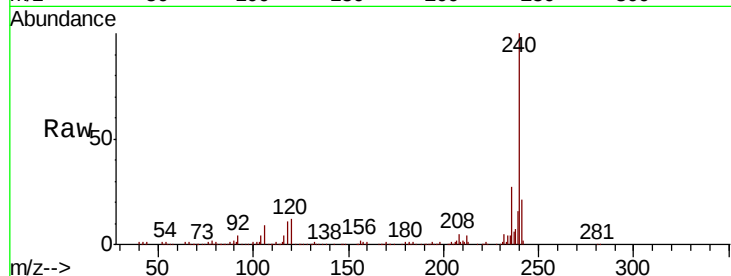




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

Instrument :
BNA_G
ClientSampleId :
111918-CHDE-E-U-S

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.1	12.1
236	27.3	21.4	32.0

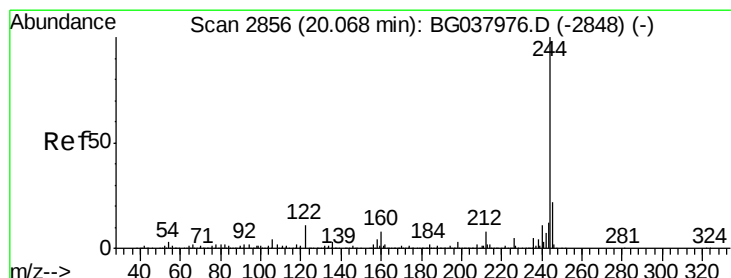
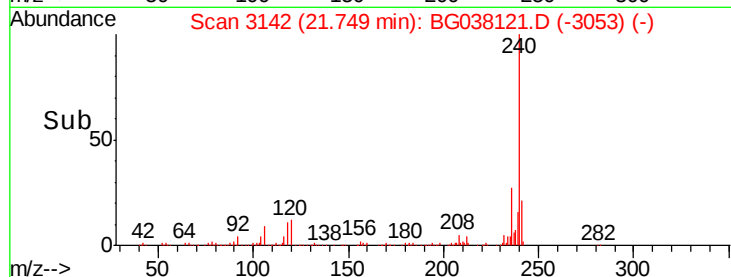
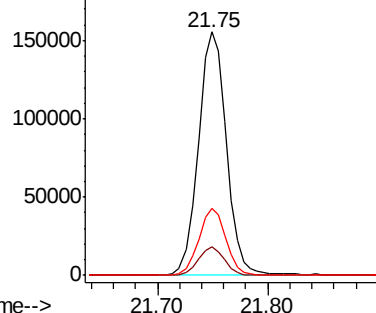


Abundance

Ion 240.00 (239.70 to 240.70): E

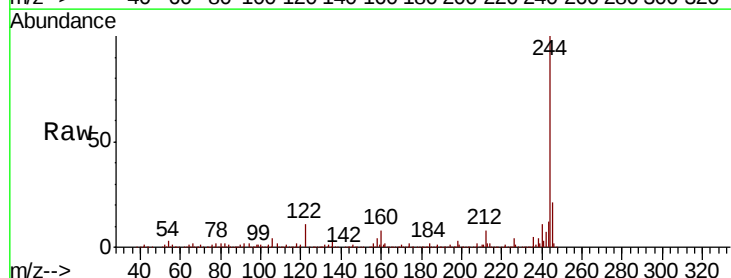
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
Terphenyl-d14
Concen: 79.986 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.7	9.0	13.4

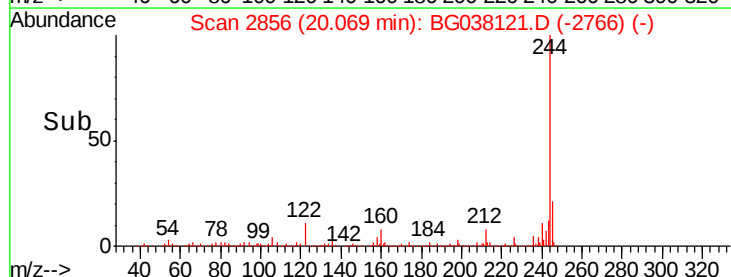
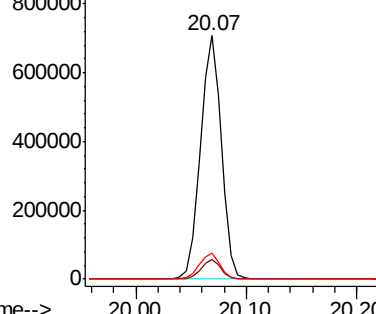


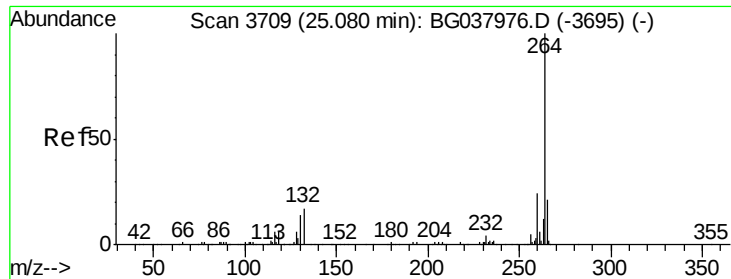
Abundance

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: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038121.D
Acq: 21 Nov 2018 17:37

Instrument :
BNA_G
ClientSampleId :
111918-CHDE-E-U-S

Tgt Ion:	264	Resp:	282718
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	20.9	17.9	26.9

