

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038143.D
 Acq On : 26 Nov 2018 20:04
 Operator : JU/SJ
 Sample : J6031-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Quant Time: Nov 27 06:54:57 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

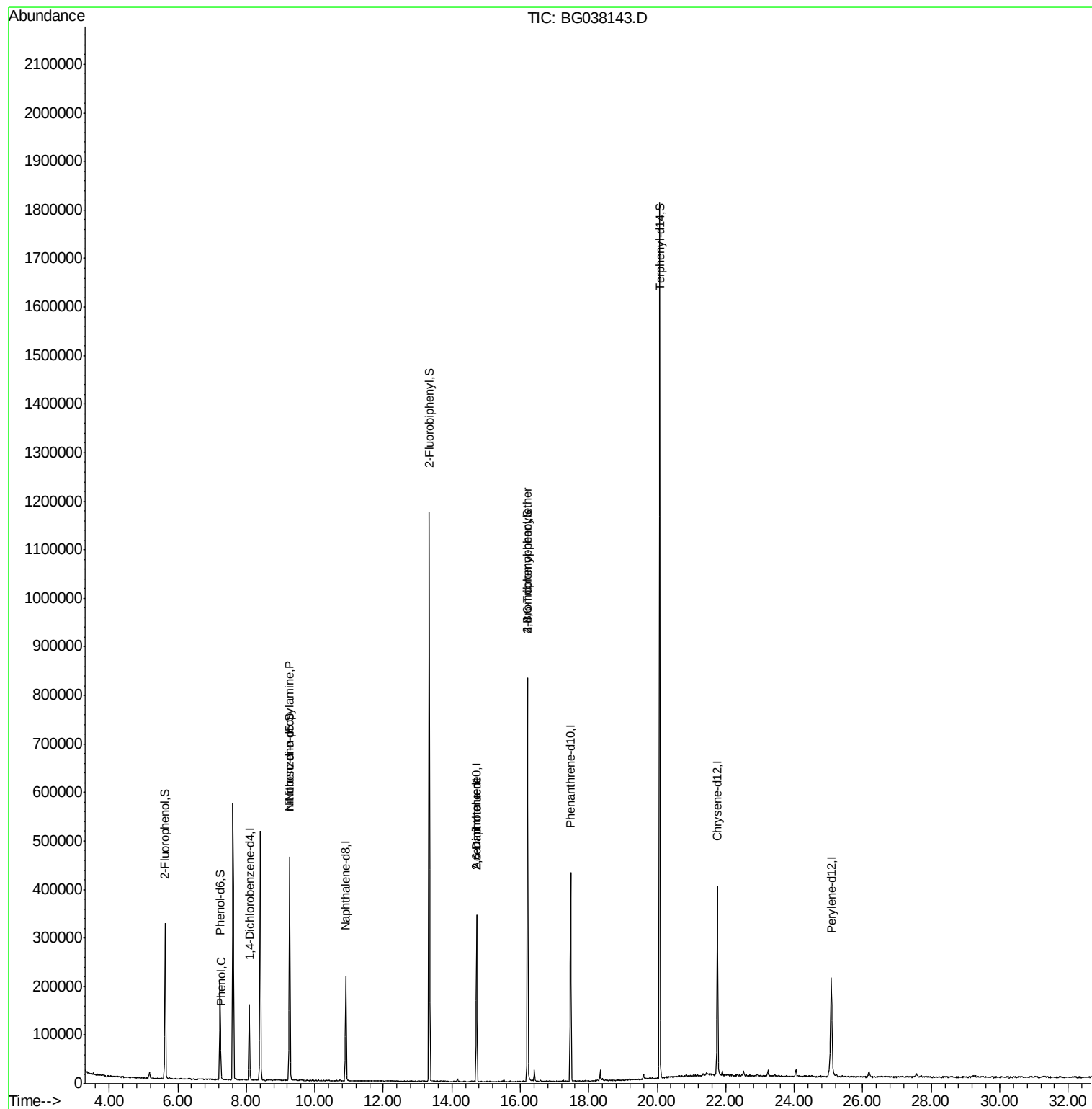
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45282	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	198455	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	123244	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	268206	20.00	ng	0.00
76) Chrysene-d12	21.75	240	243580	20.00	ng	0.00
87) Perylene-d12	25.08	264	246772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	144331	55.03	ng	0.00
7) Phenol-d6	7.23	99	130872	34.96	ng	0.00
23) Nitrobenzene-d5	9.26	82	292315	78.85	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	151241	107.60	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	648558	76.67	ng	0.00
79) Terphenyl-d14	20.07	244	896338	86.59	ng	0.00
Target Compounds						
10) Phenol	7.26	94	8574	2.162	ng	91
19) n-Nitroso-di-n-propylamine	9.26	70	38143	14.081	ng	# 72
51) 2,6-Dinitrotoluene	14.72	165	15918	7.198	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	15918	5.291	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	10468	3.556	ng	# 1

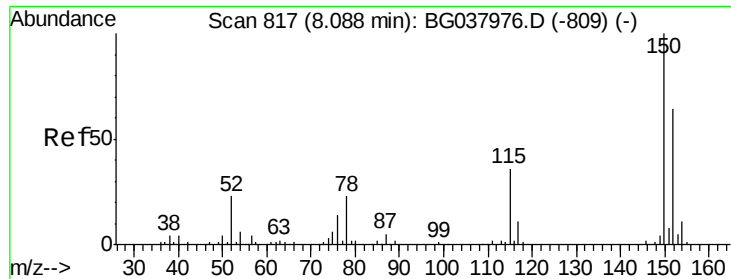
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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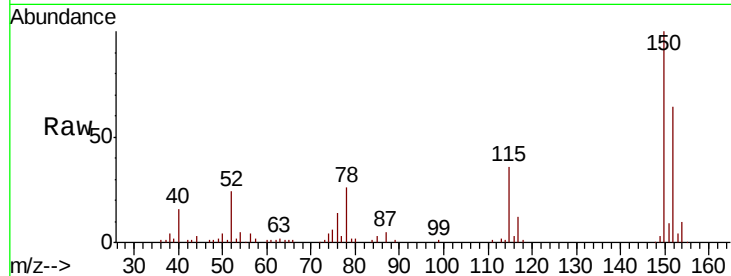


#1

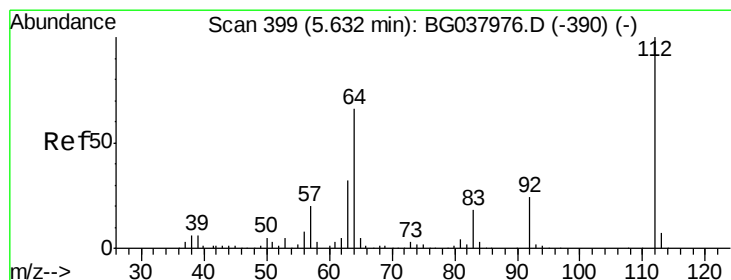
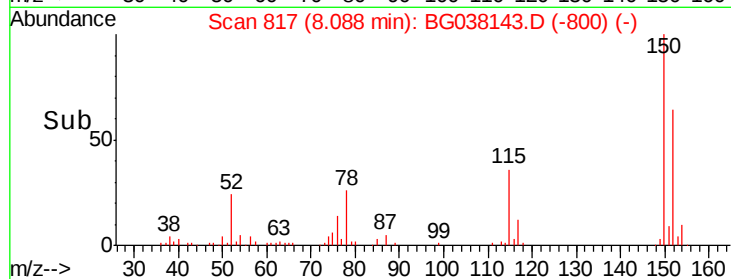
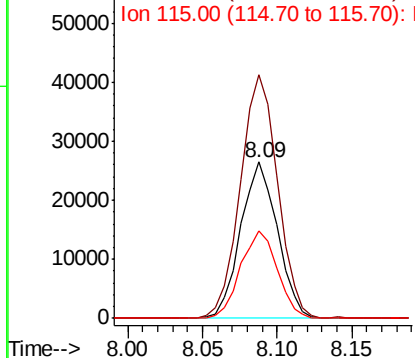
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038143.D
Acq: 26 Nov 2018 20:04

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:152 Resp: 45282
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 55.6 45.5 68.3



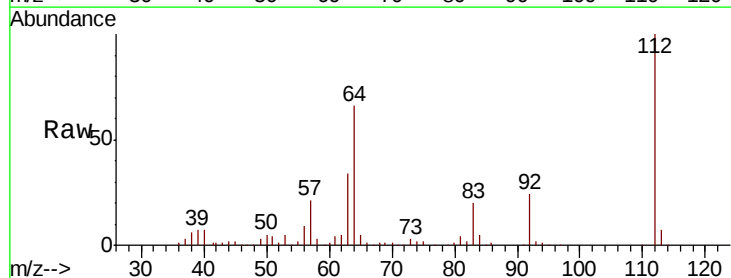
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



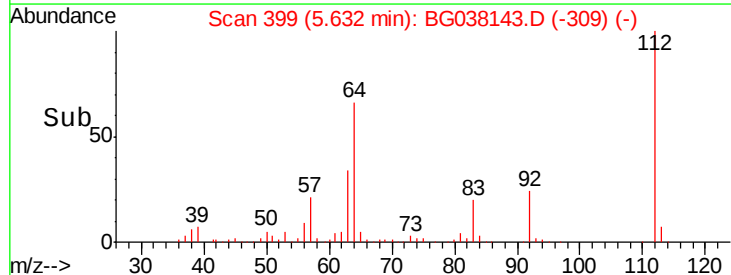
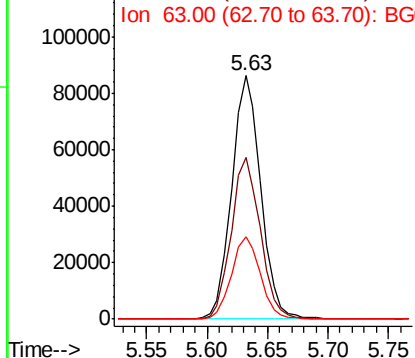
#5

2-Fluorophenol
Concen: 55.032 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038143.D
Acq: 26 Nov 2018 20:04

Tgt Ion:112 Resp: 144331
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.8 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: 34.958 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038143.D

Acq: 26 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

DUP-01

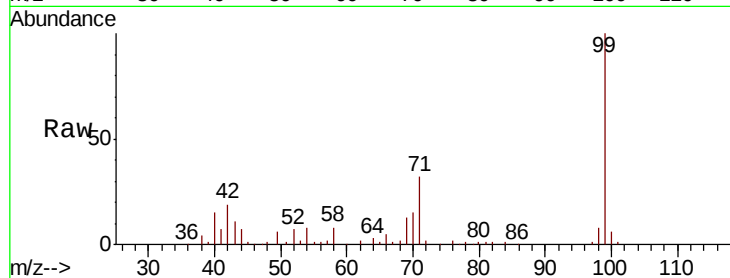
Tgt Ion: 99 Resp: 130872

Ion Ratio Lower Upper

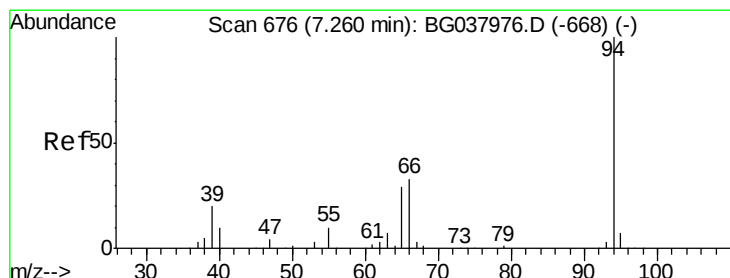
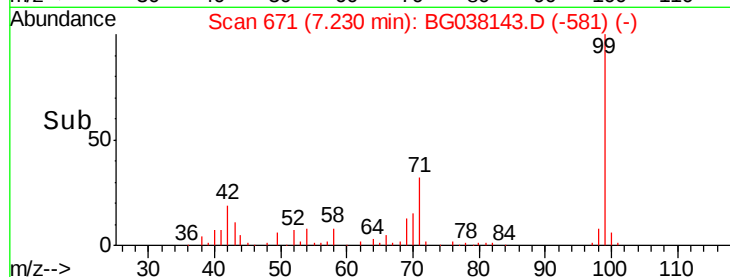
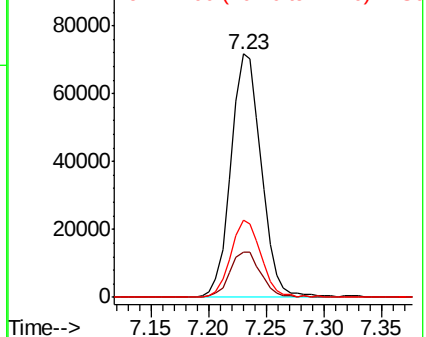
99 100

42 18.7 15.0 22.4

71 31.6 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



#10

Phenol

Concen: 2.162 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038143.D

Acq: 26 Nov 2018 20:04

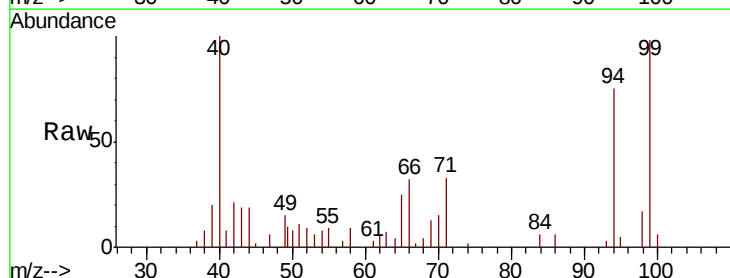
Tgt Ion: 94 Resp: 8574

Ion Ratio Lower Upper

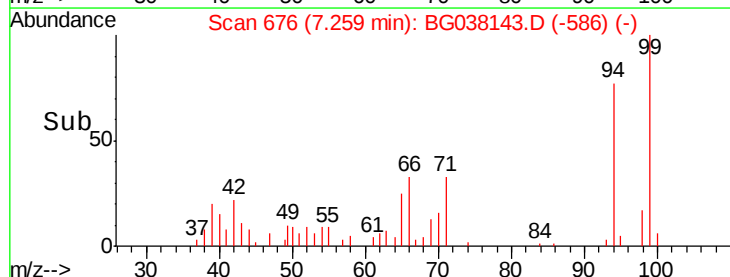
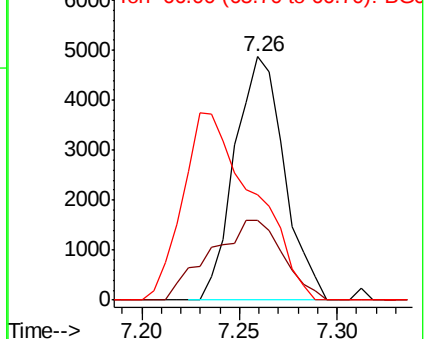
94 100

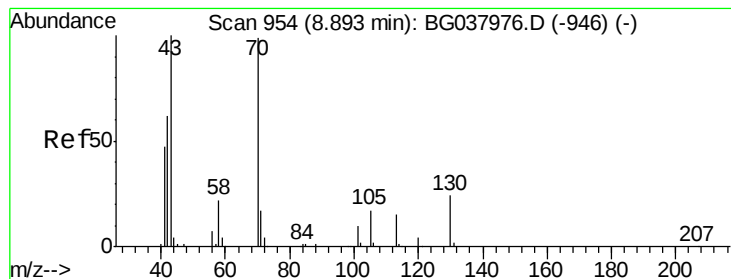
65 32.7 9.7 49.7

66 43.1 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: 14.081 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038143.D

Acq: 26 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

DUP-01

Tgt Ion: 70 Resp: 38143

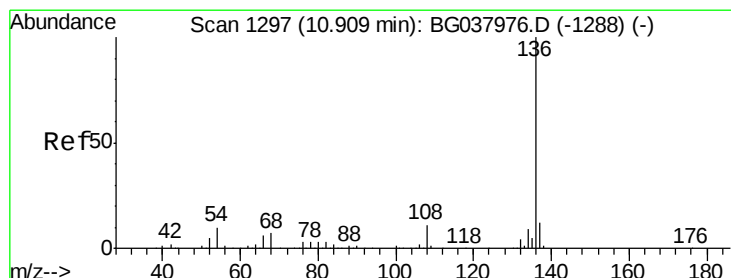
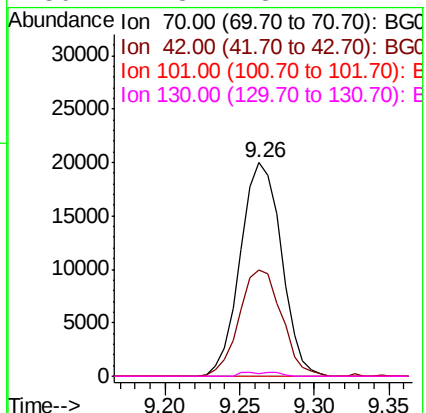
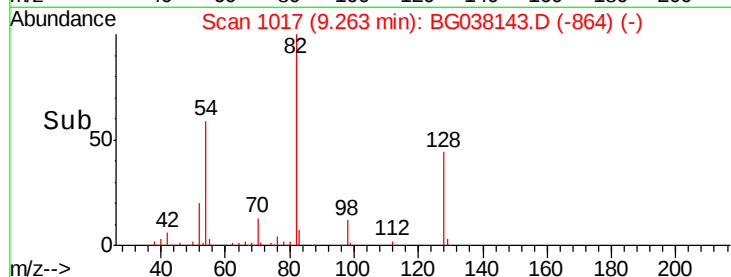
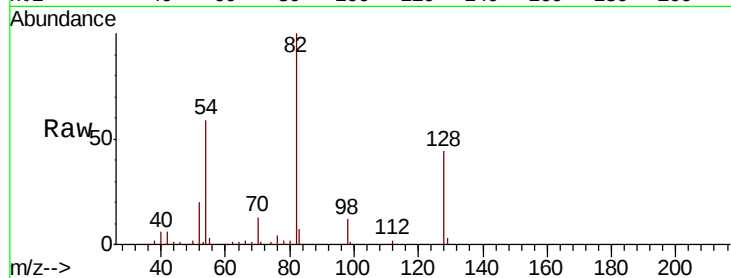
Ion Ratio Lower Upper

70 100

42 49.6 53.9 80.9#

101 0.0 8.2 12.2#

130 1.3 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038143.D

Acq: 26 Nov 2018 20:04

Tgt Ion: 136 Resp: 198455

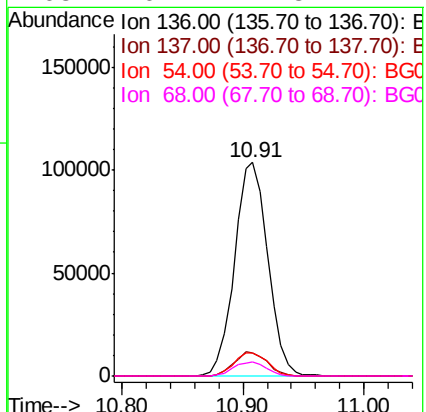
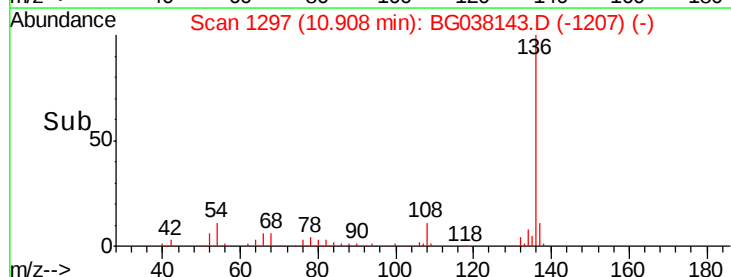
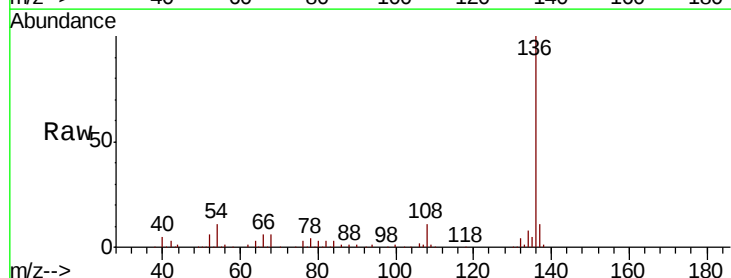
Ion Ratio Lower Upper

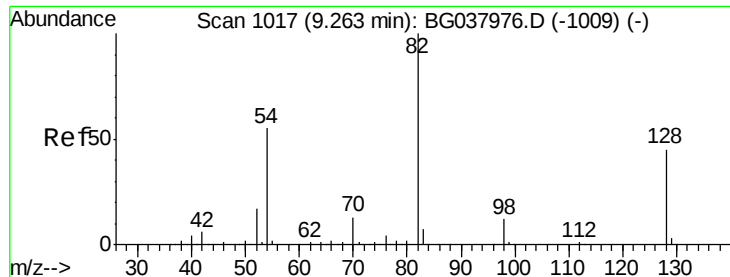
136 100

137 11.0 9.6 14.4

54 10.8 7.9 11.9

68 6.4 4.8 7.2

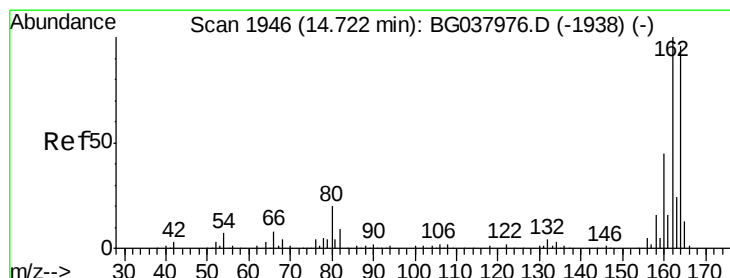
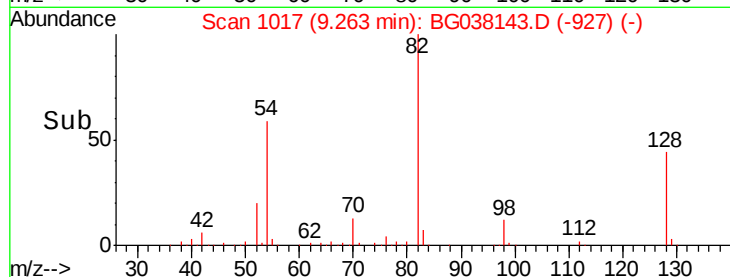
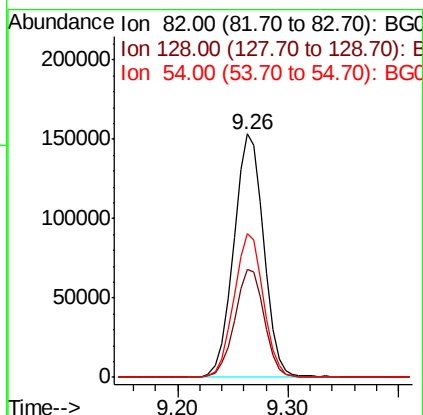
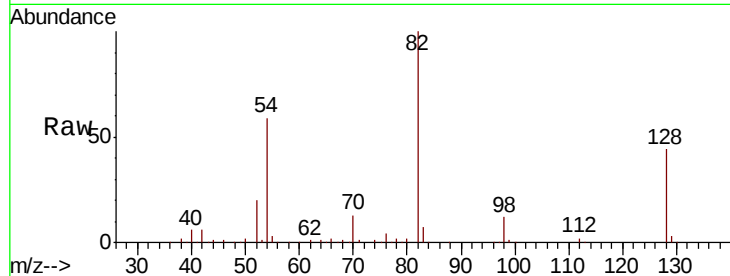




#23
 Nitrobenzene-d5
 Concen: 78.848 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038143.D
 Acq: 26 Nov 2018 20:04

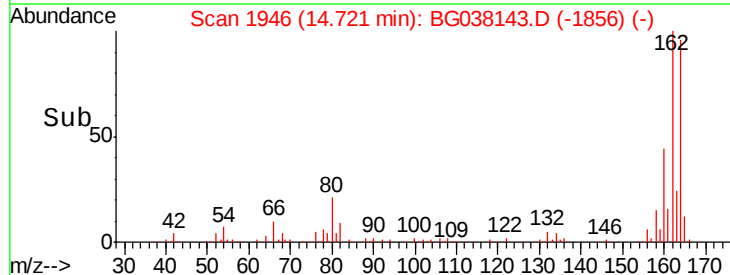
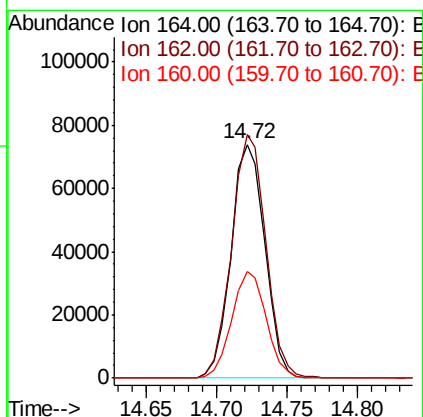
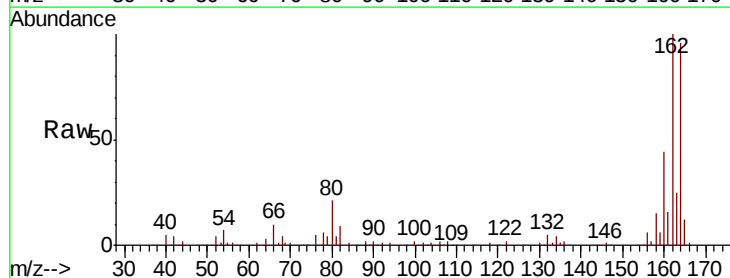
Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

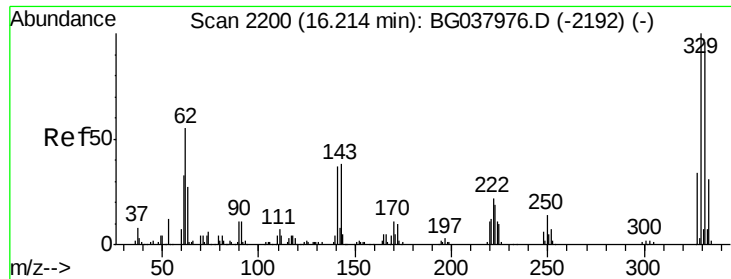
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	58.8	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038143.D
 Acq: 26 Nov 2018 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	45.5	36.3	54.5

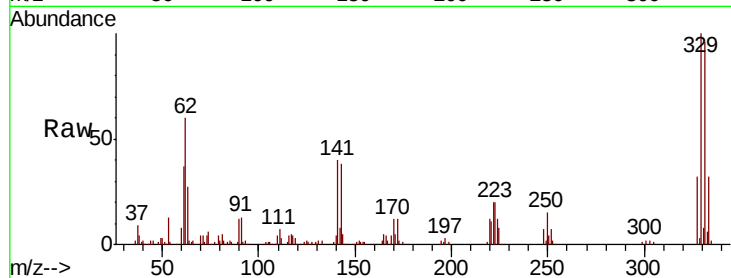




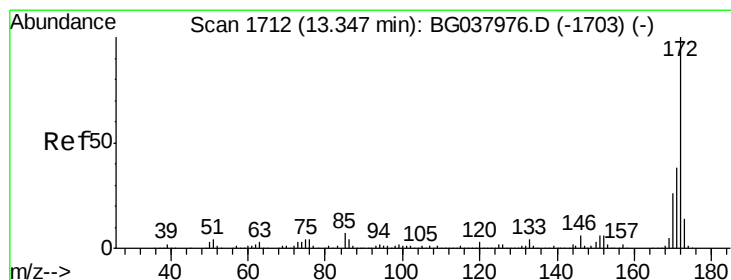
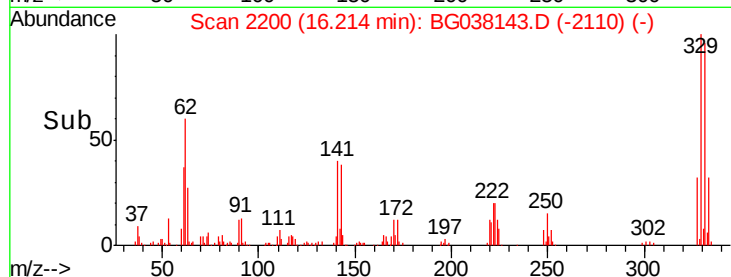
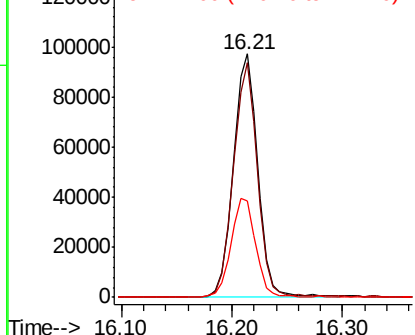
#42
 2,4,6-Tribromophenol
 Concen: 107.601 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG038143.D
 Acq: 26 Nov 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Tgt Ion:330 Resp: 151241
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.4 117.6
 141 41.2 32.2 48.2

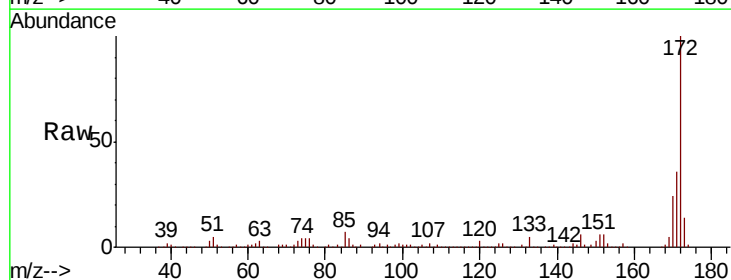


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

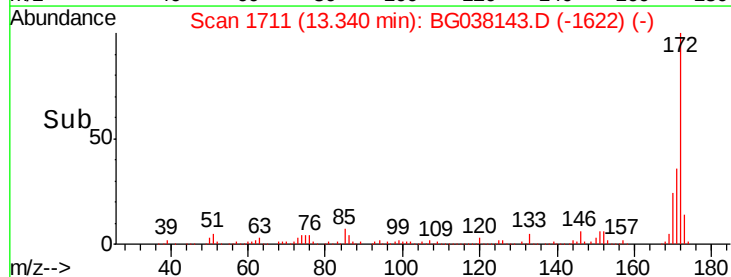
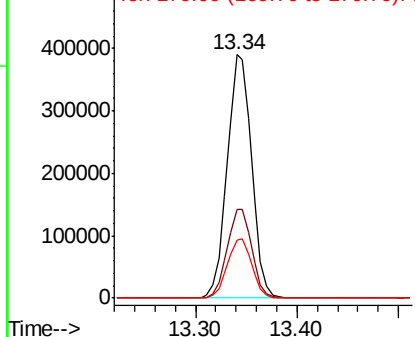


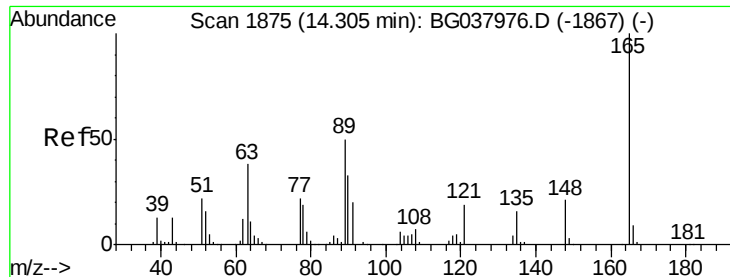
#45
 2-Fluorobiphenyl
 Concen: 76.665 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038143.D
 Acq: 26 Nov 2018 20:04

Tgt Ion:172 Resp: 648558
 Ion Ratio Lower Upper
 172 100
 171 36.2 31.0 46.4
 170 23.6 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

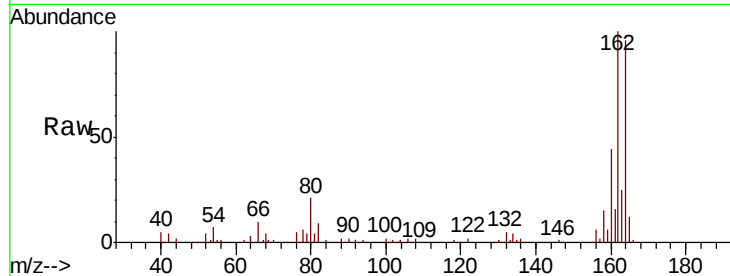




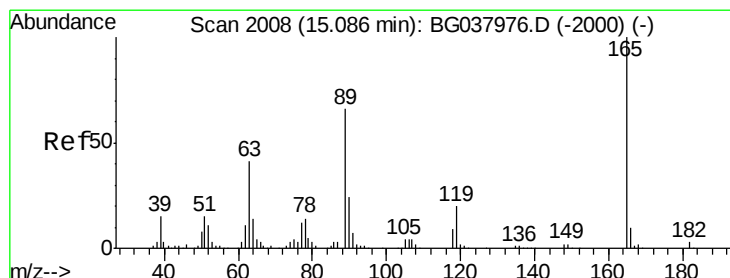
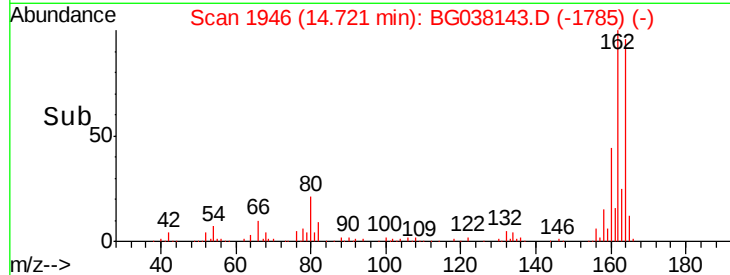
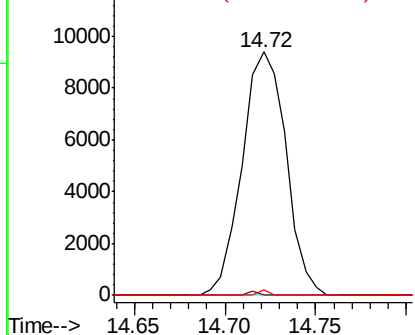
#51
 2,6-Dinitrotoluene
 Concen: 7.198 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038143.D
 Acq: 26 Nov 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.1	45.8	68.6#



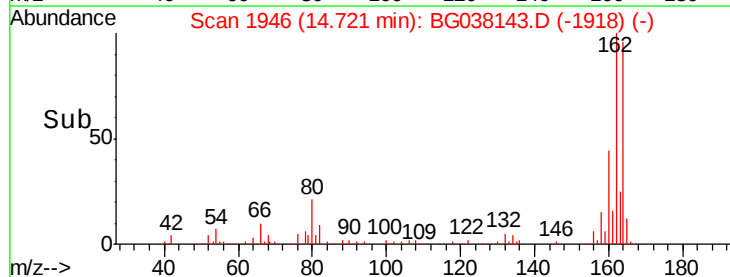
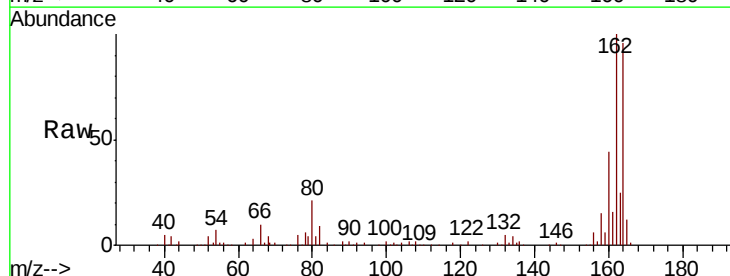
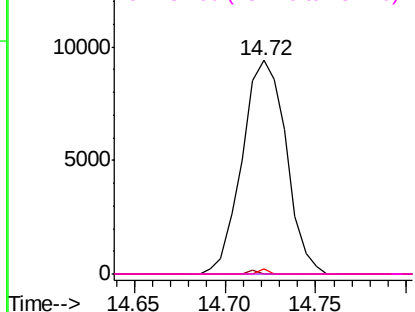
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

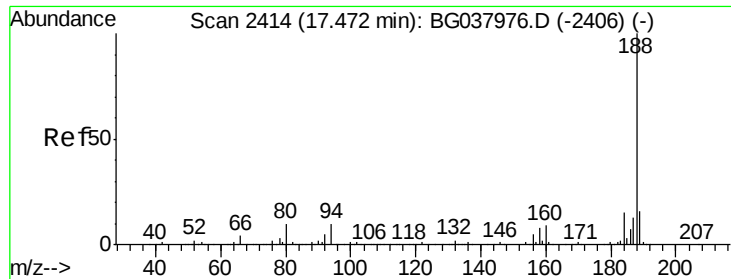


#57
 2,4-Dinitrotoluene
 Concen: 5.291 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038143.D
 Acq: 26 Nov 2018 20:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.1	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

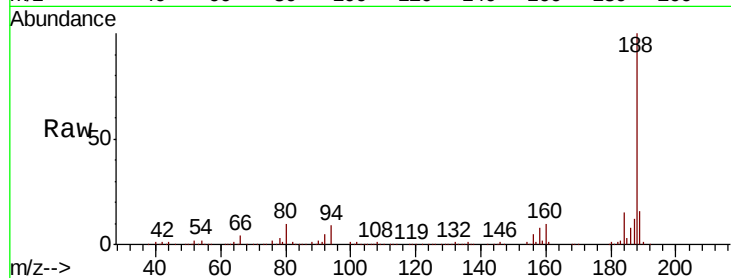




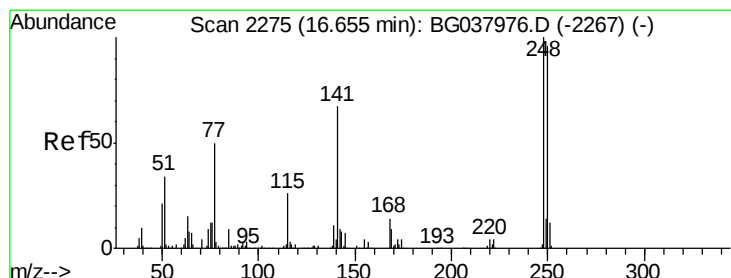
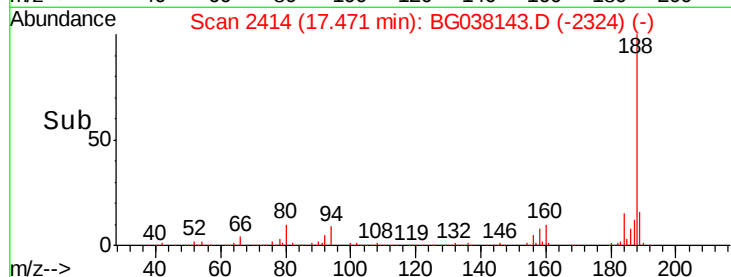
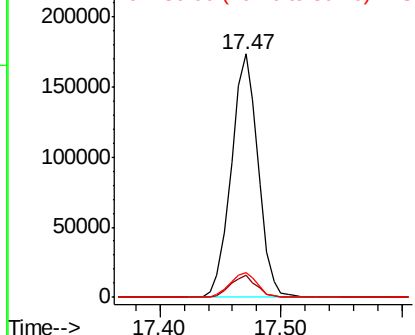
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038143.D
 Acq: 26 Nov 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Tgt Ion:188 Resp: 268206
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.2 10.8
 80 10.0 7.7 11.5

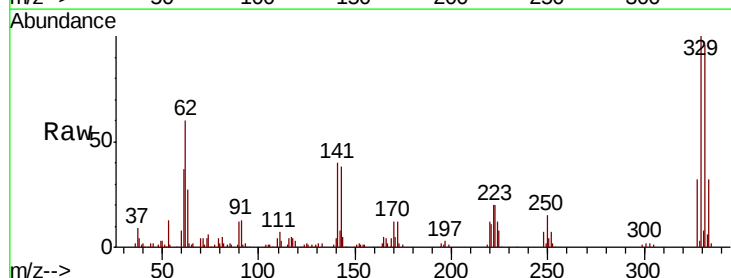


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

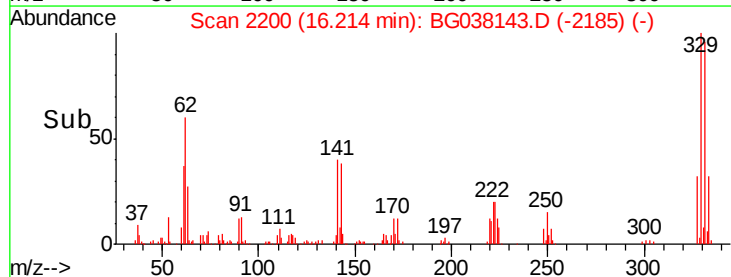
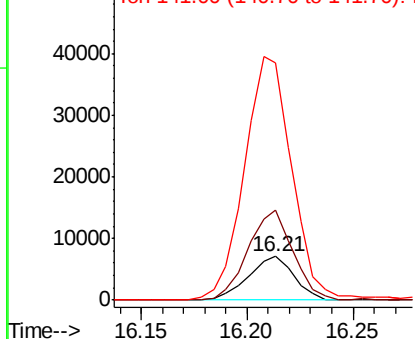


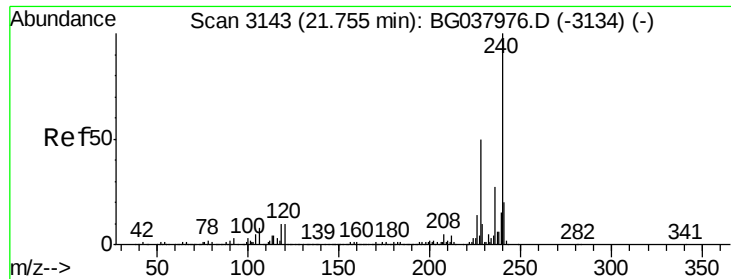
#67
 4-Bromophenyl-phenylether
 Concen: 3.556 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.44 min
 Lab File: BG038143.D
 Acq: 26 Nov 2018 20:04

Tgt Ion:248 Resp: 10468
 Ion Ratio Lower Upper
 248 100
 250 263.3 77.0 115.6#
 141 544.4 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

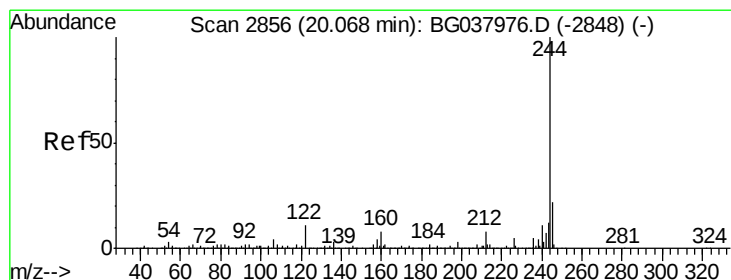
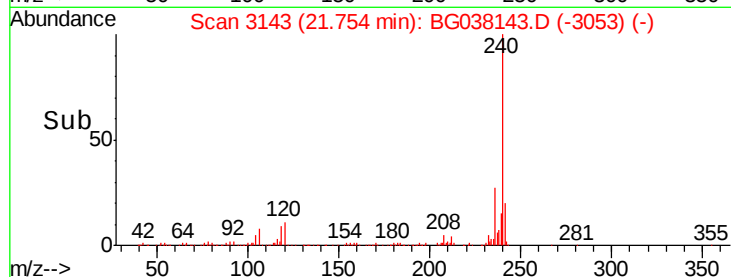
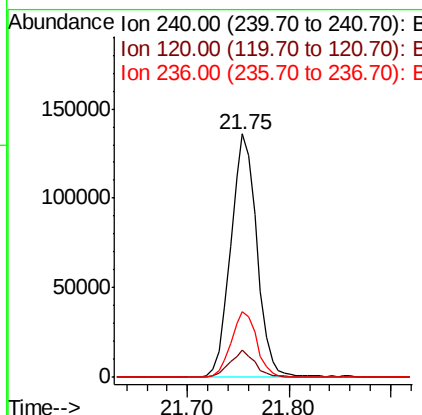
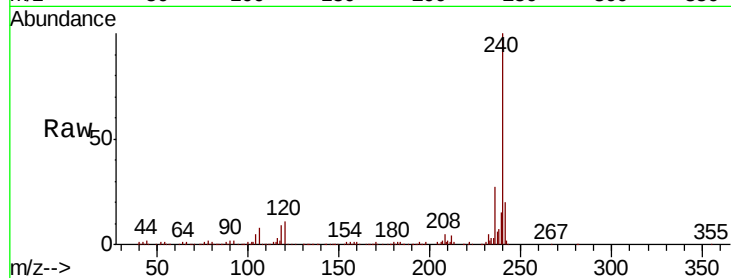




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038143.D
Acq: 26 Nov 2018 20:04

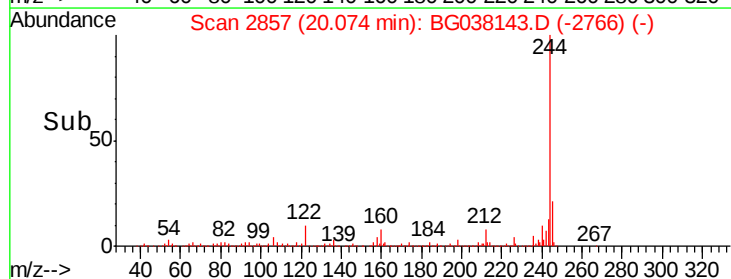
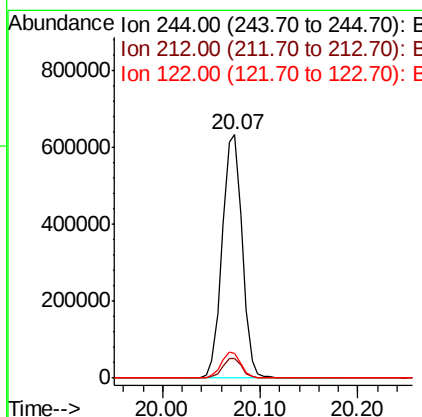
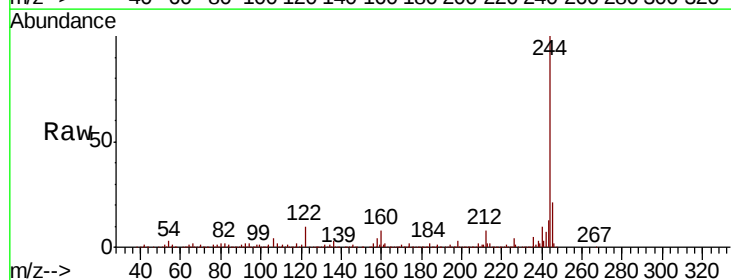
Instrument :
BNA_G
ClientSampleId :
DUP-01

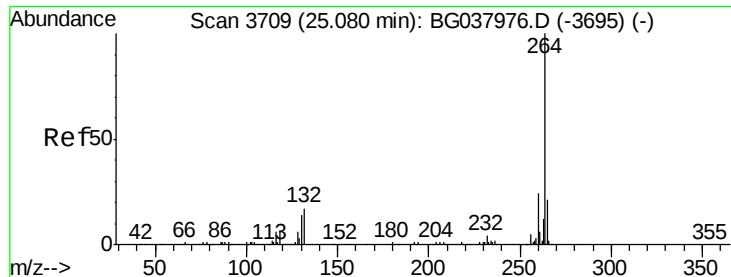
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.8	21.4	32.0



#79
Terphenyl-d14
Concen: 86.587 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG038143.D
Acq: 26 Nov 2018 20:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038143.D
Acq: 26 Nov 2018 20:04

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tgt Ion:264 Resp: 246772
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.4
265 22.0 17.9 26.9

