

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038137.D
 Acq On : 26 Nov 2018 16:07
 Operator : JU/SJ
 Sample : J6030-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 17:23:28 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

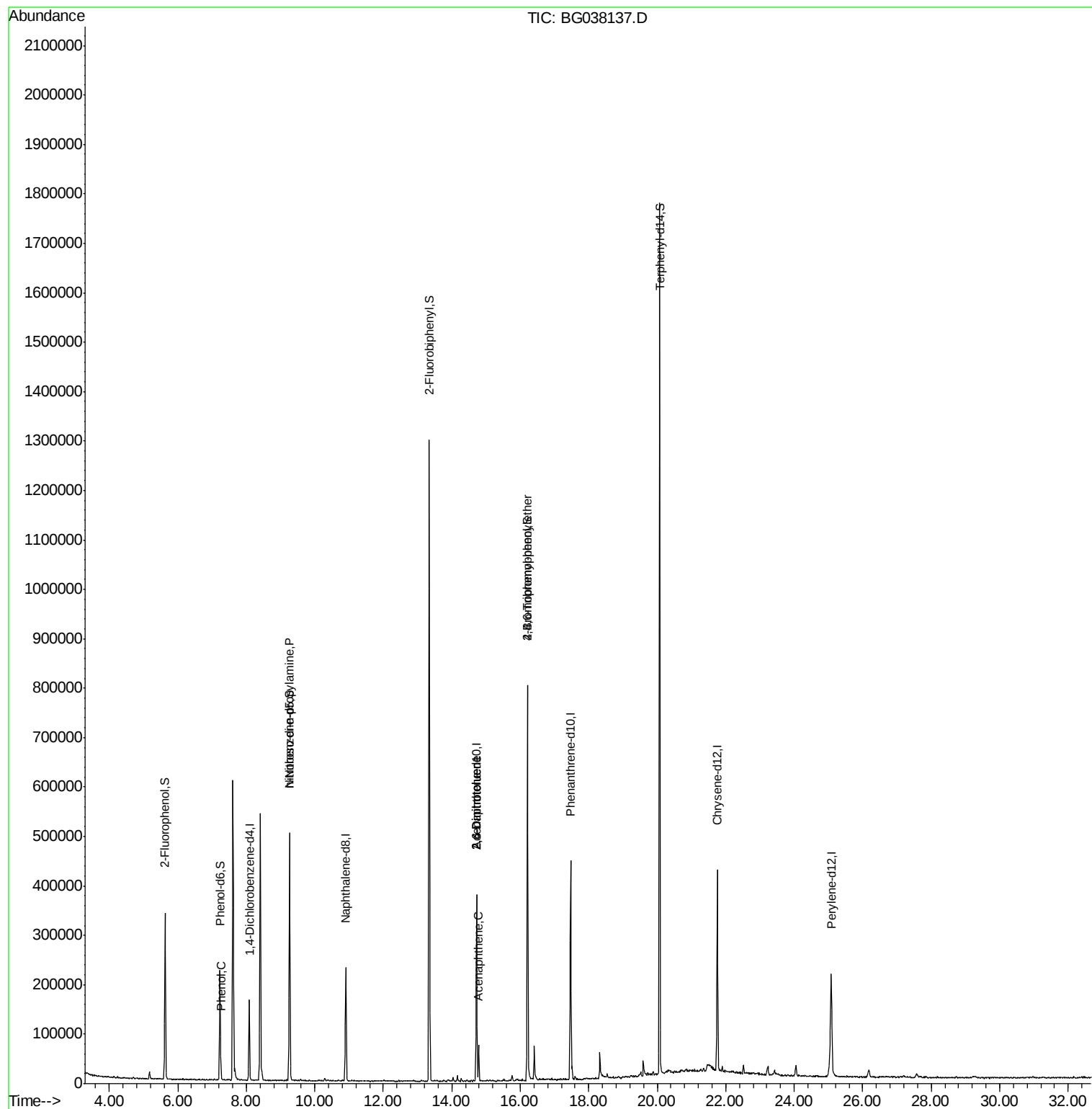
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47171	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	208950	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	129951	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	276838	20.00	ng	0.00
76) Chrysene-d12	21.75	240	251855	20.00	ng	0.00
87) Perylene-d12	25.07	264	252037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	155924	57.07	ng	0.00
7) Phenol-d6	7.23	99	135190	34.67	ng	0.00
23) Nitrobenzene-d5	9.26	82	308312	78.99	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	148758	100.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	676147	75.80	ng	0.00
79) Terphenyl-d14	20.07	244	889284	83.08	ng	0.00
Target Compounds						
10) Phenol	7.26	94	10458	2.532	ng	98
19) n-Nitroso-di-n-propylamine	9.26	70	39004	13.822	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	17245	7.396	ng	# 25
52) Acenaphthene	14.79	154	26647	3.533	ng	97
57) 2,4-Dinitrotoluene	14.72	165	17245	5.436	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	10962	3.608	ng	# 1

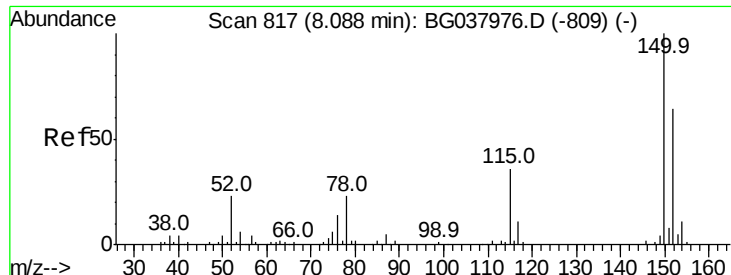
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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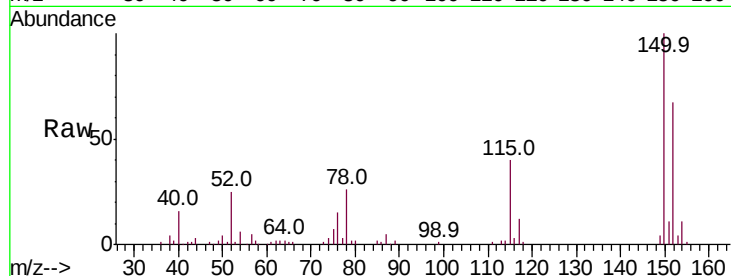


#1

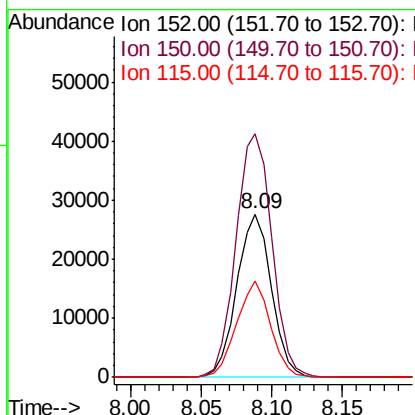
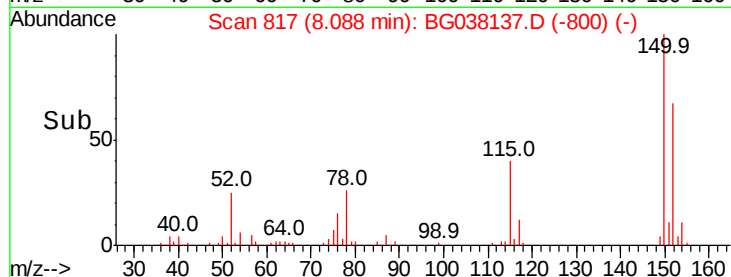
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47171
Ion Ratio Lower Upper
152 100
150 149.3 126.0 189.0
115 59.4 45.5 68.3



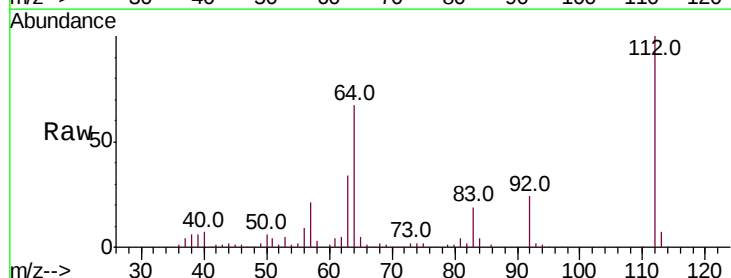
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



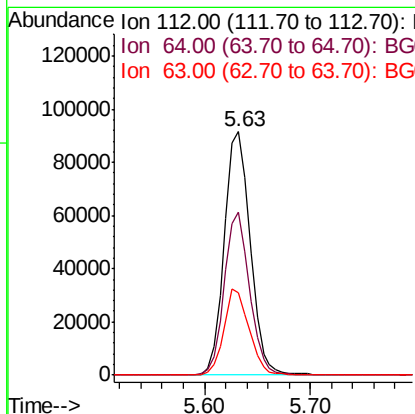
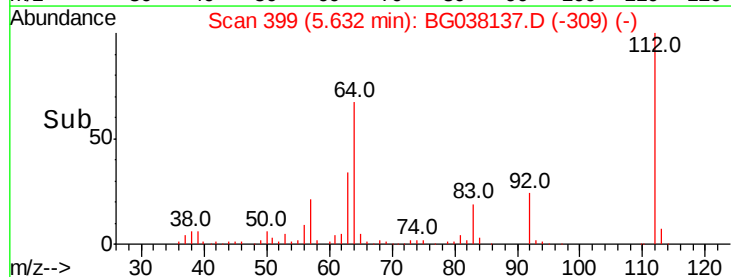
#5

2-Fluorophenol
Concen: 57.072 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Tgt Ion:112 Resp: 155924
Ion Ratio Lower Upper
112 100
64 66.7 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: 34.665 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

Instrument :

BNA_G

ClientSampleId :

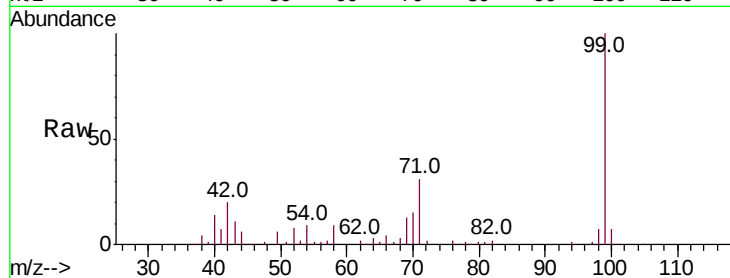
Tot Ion: 99 Resp: 135190

Ion Ratio Lower Upper

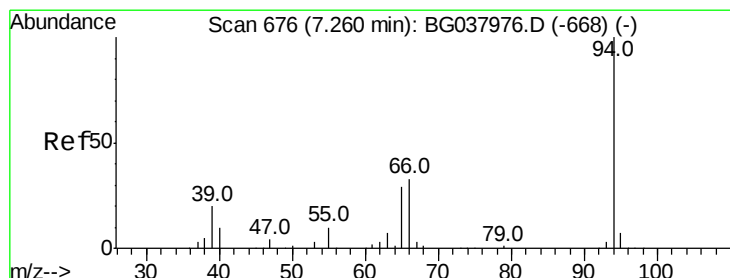
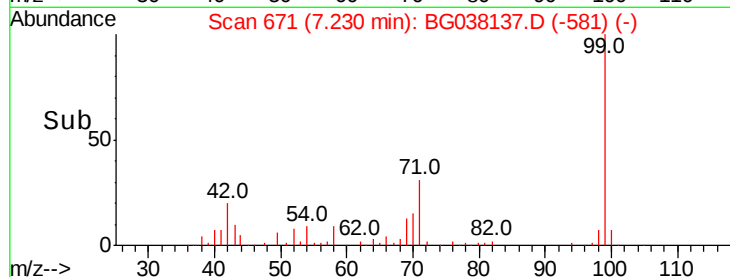
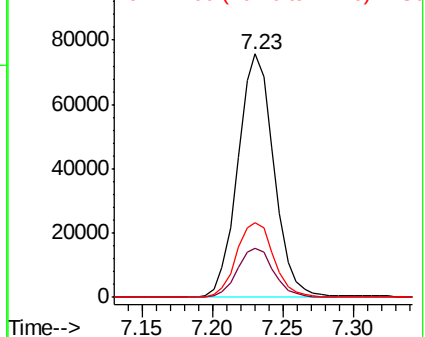
99 100

42 20.4 15.0 22.4

71 30.6 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: 2.532 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

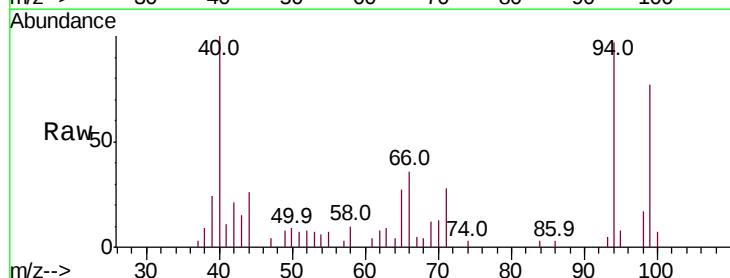
Tgt Ion: 94 Resp: 10458

Ion Ratio Lower Upper

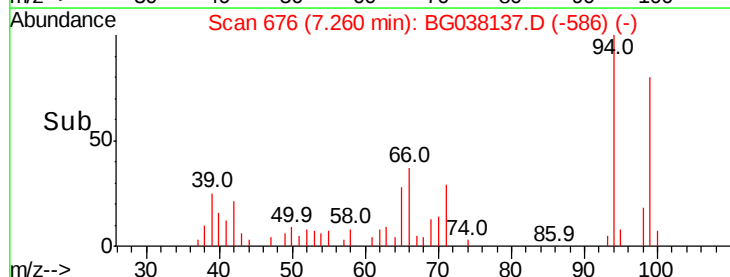
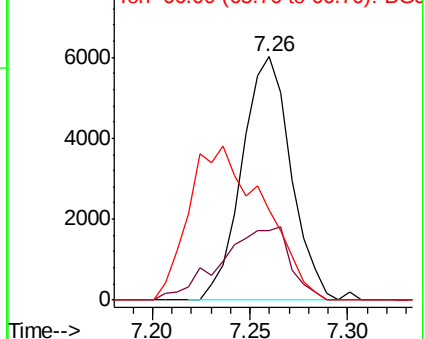
94 100

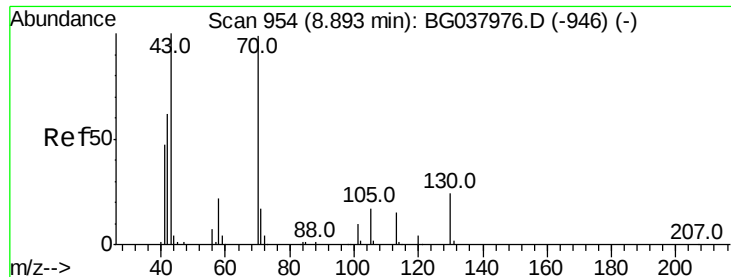
65 28.3 9.7 49.7

66 37.1 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

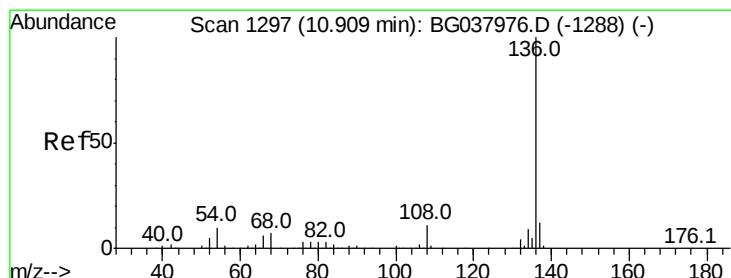
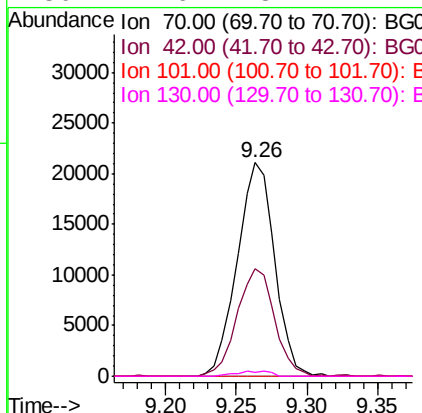
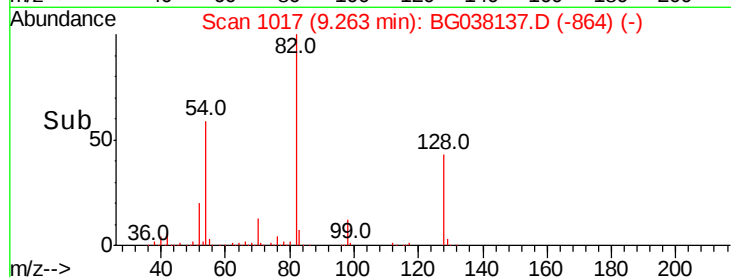
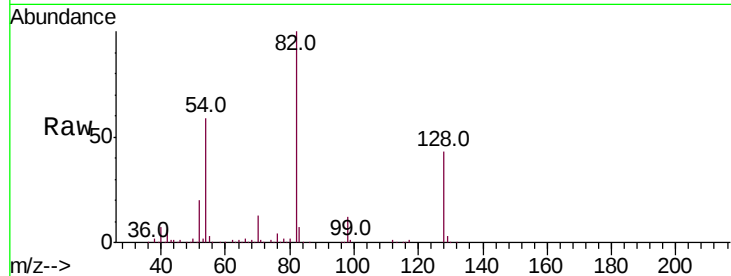




#19
n-Nitroso-di-n-propylamine
Concen: 13.822 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

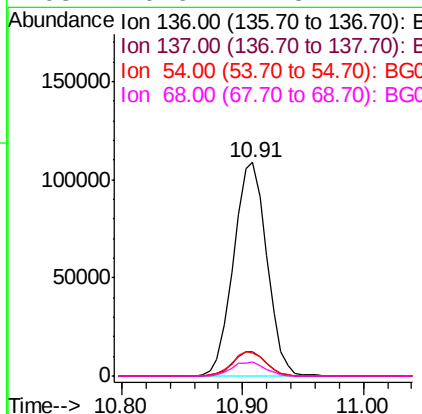
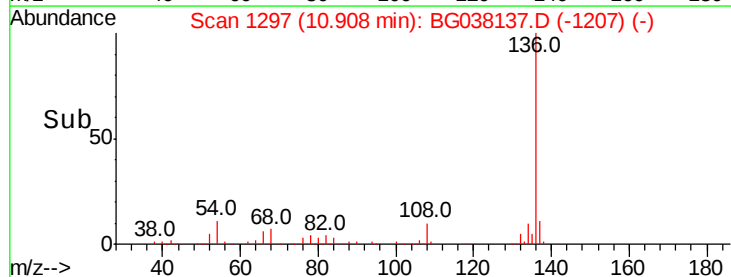
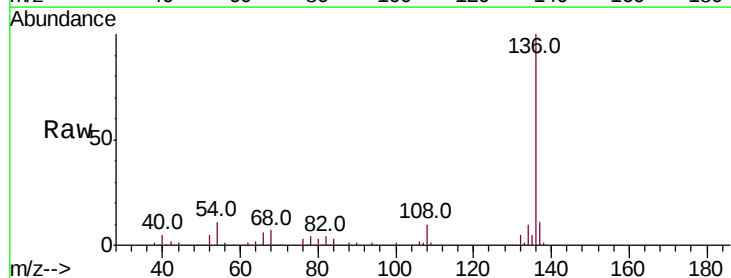
Instrument :
BNA_G
ClientSampleId :

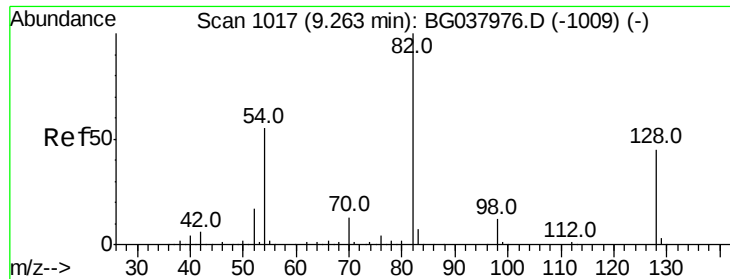
Tot Ion: 70 Resp: 39004
Ion Ratio Lower Upper
70 100
42 50.3 53.9 80.9#
101 0.0 8.2 12.2#
130 1.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Tgt Ion: 136 Resp: 208950
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 11.1 7.9 11.9
68 6.6 4.8 7.2

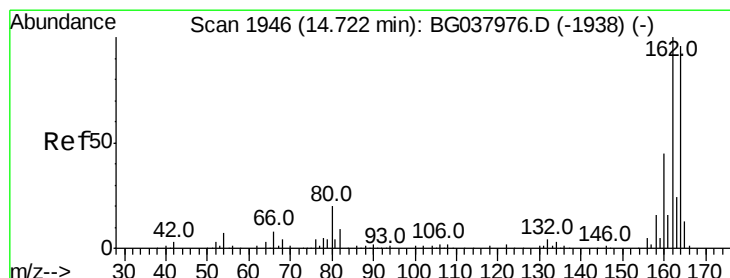
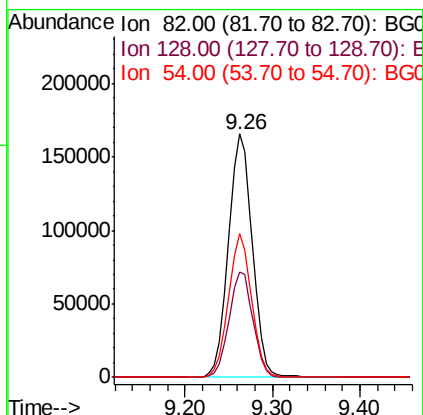
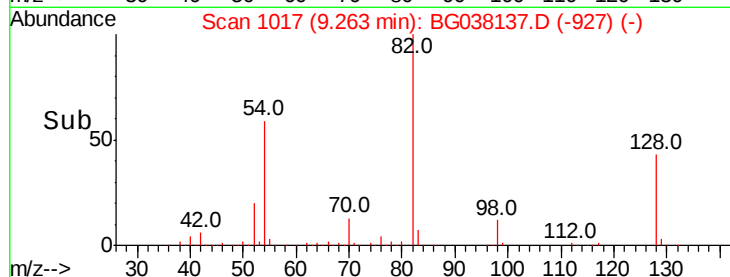
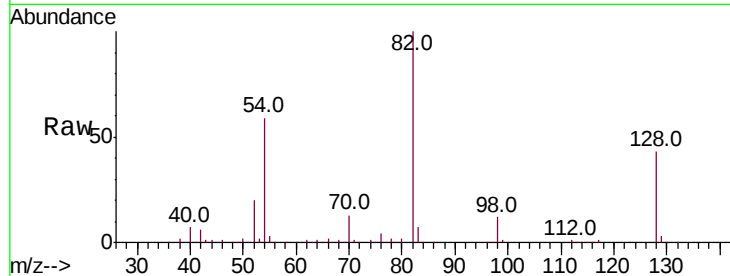




#23
Nitrobenzene-d5
Concen: 78.986 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

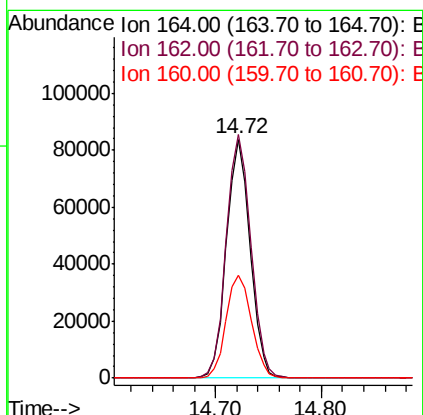
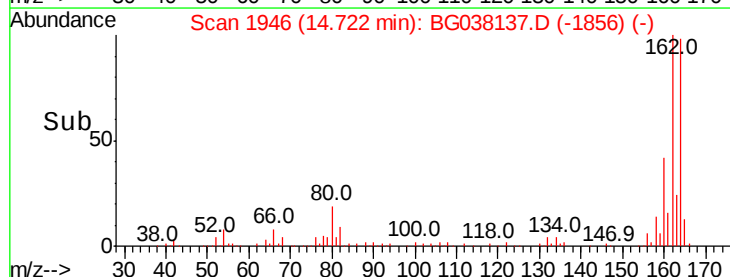
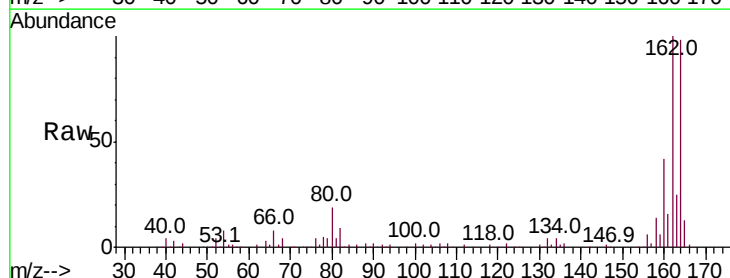
Instrument :
BNA_G
ClientSampled :

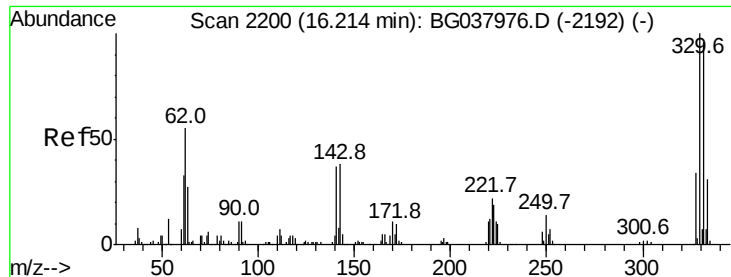
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	58.9	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038137.D
Acq: 26 Nov 2018 16:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	42.8	36.3	54.5

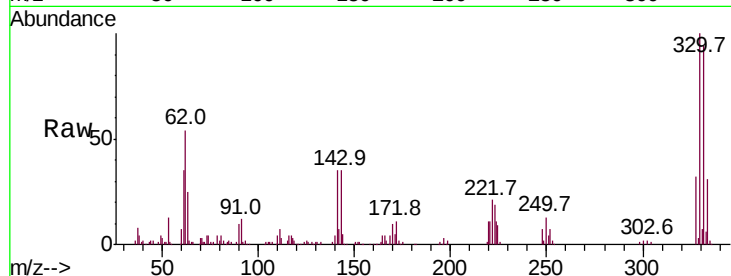




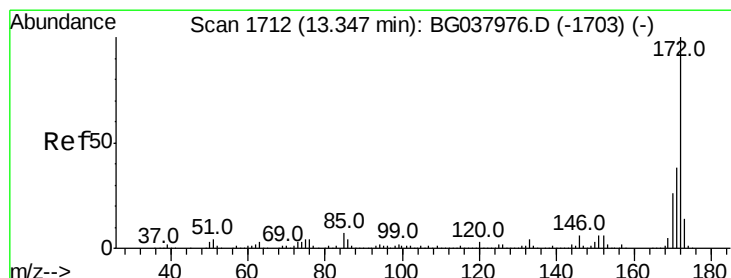
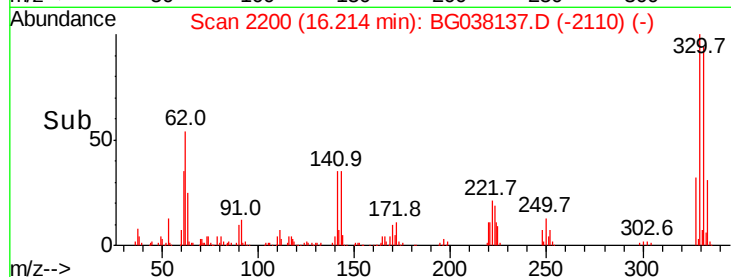
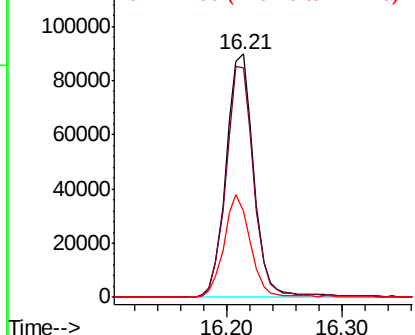
#42
 2,4,6-Tribromophenol
 Concen: 100.372 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG038137.D
 Acq: 26 Nov 2018 16:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	40.4	32.2	48.2

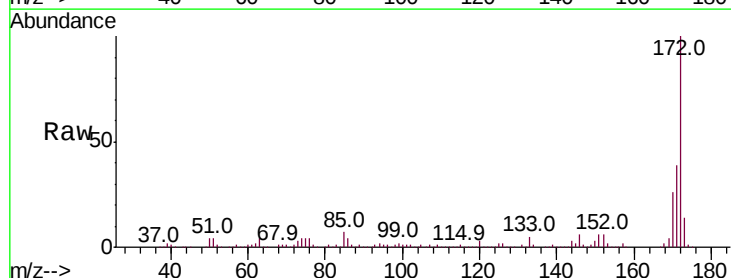


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

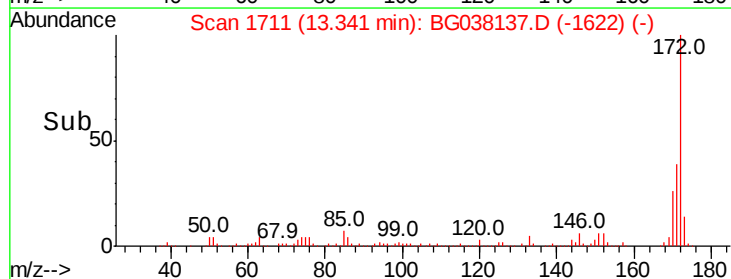
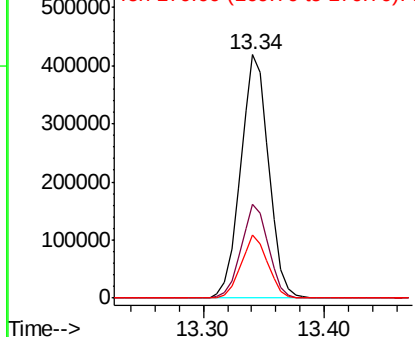


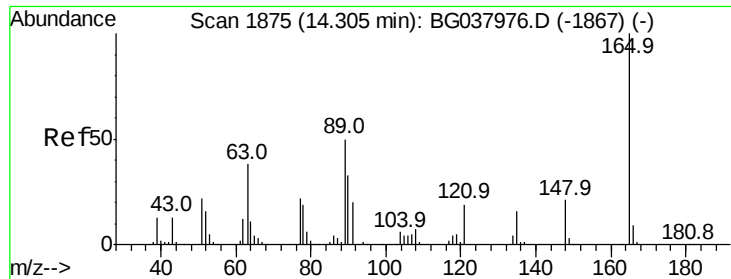
#45
 2-Fluorobiphenyl
 Concen: 75.801 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038137.D
 Acq: 26 Nov 2018 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.7	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

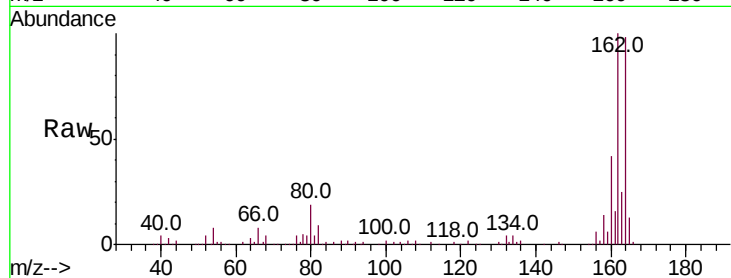




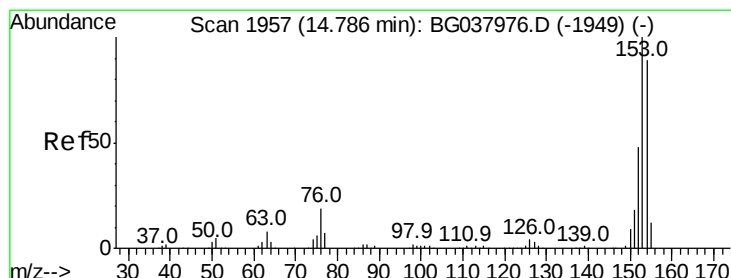
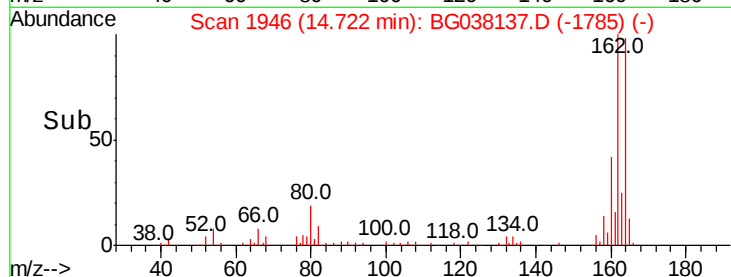
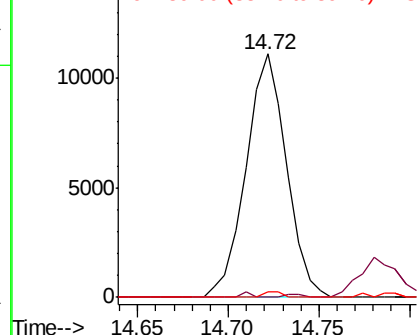
#51
 2,6-Dinitrotoluene
 Concen: 7.396 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038137.D
 Acq: 26 Nov 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#

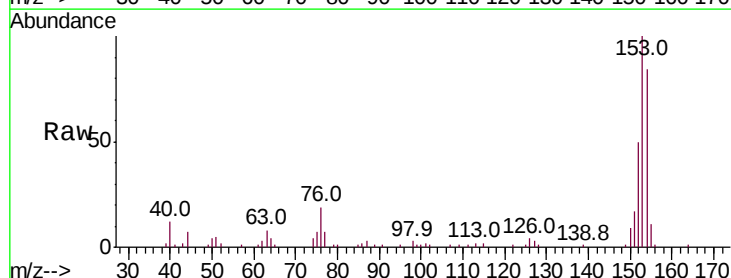


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

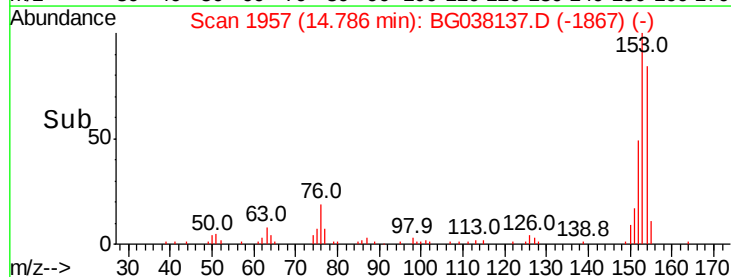
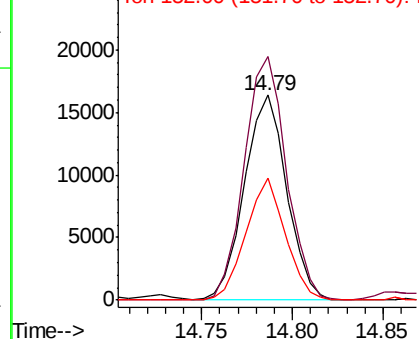


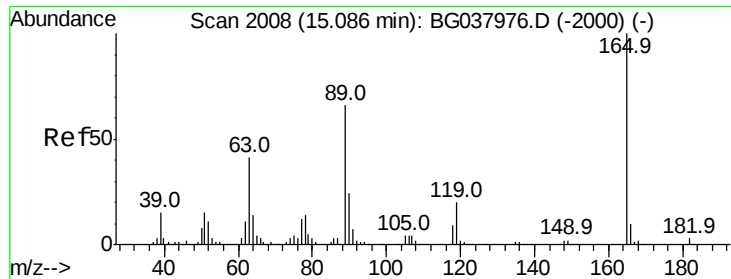
#52
 Acenaphthene
 Concen: 3.533 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038137.D
 Acq: 26 Nov 2018 16:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.4	140.0
152	59.5	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

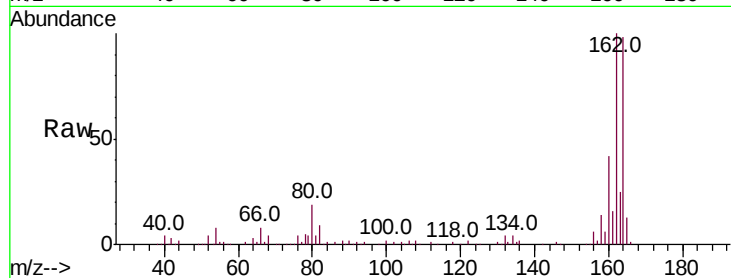




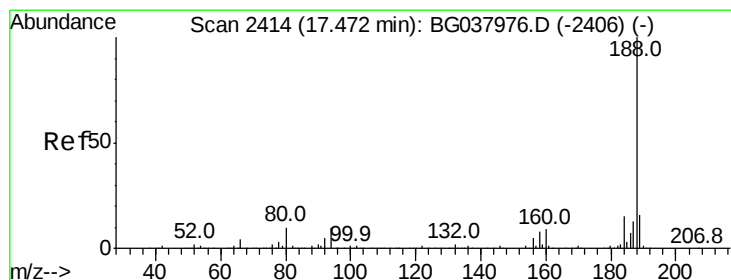
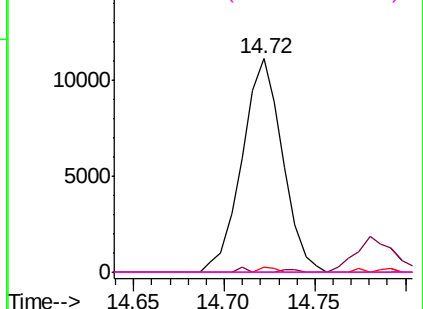
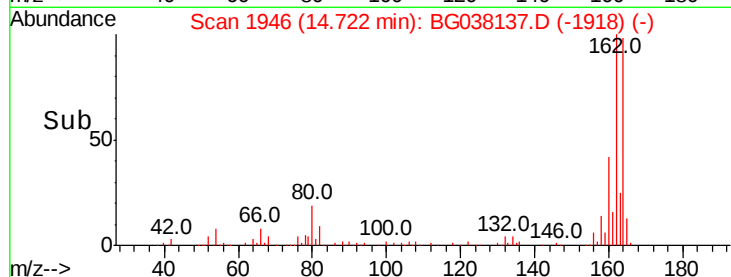
#57
 2,4-Dinitrotoluene
 Concen: 5.436 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038137.D
 Acq: 26 Nov 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17245
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.4 50.0#
 89 2.2 57.2 85.8#
 182 0.0 2.6 4.0#

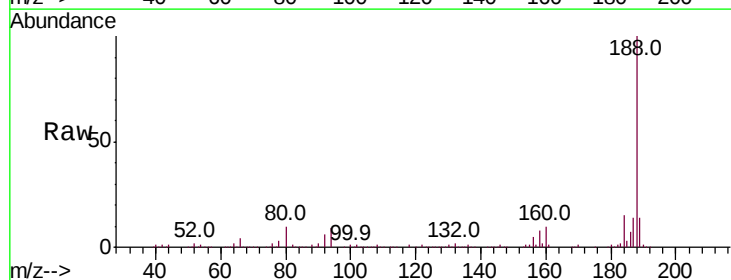


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

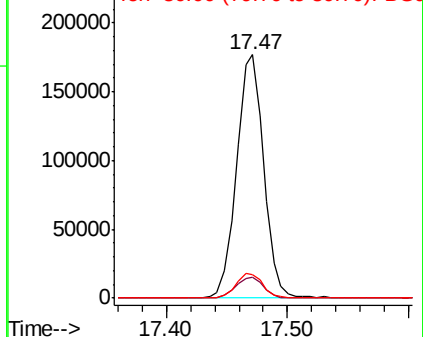
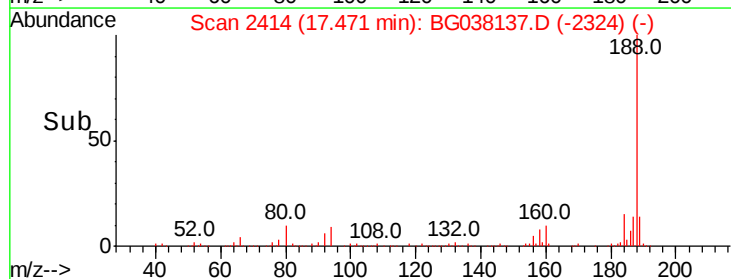


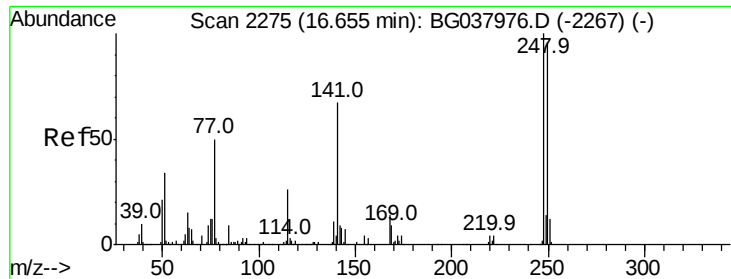
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038137.D
 Acq: 26 Nov 2018 16:07

Tgt Ion:188 Resp: 276838
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.2 10.8
 80 9.9 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

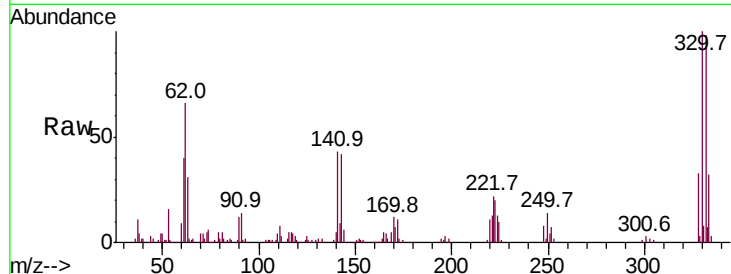




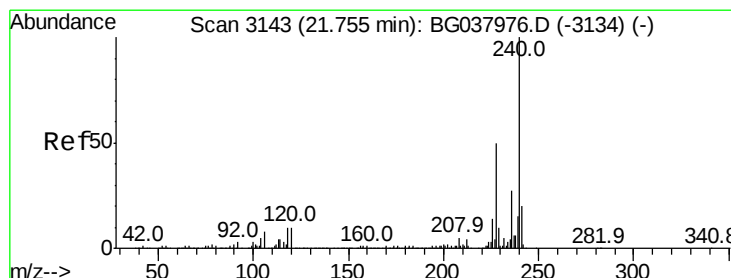
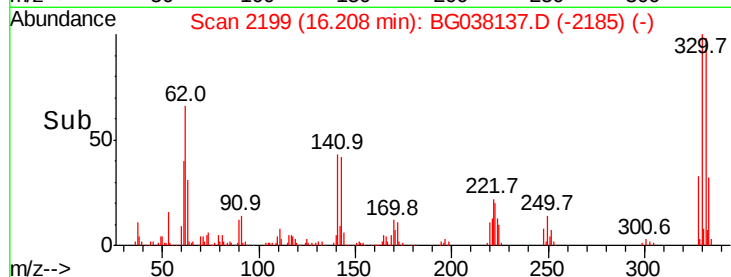
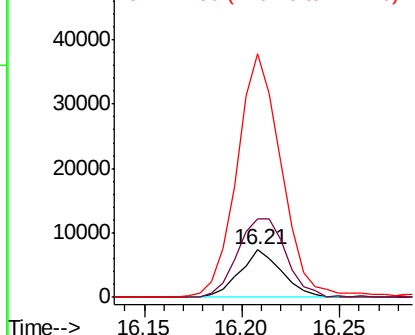
#67
 4-Bromophenyl-phenylether
 Concen: 3.608 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038137.D
 Acq: 26 Nov 2018 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10962
 Ion Ratio Lower Upper
 248 100
 250 179.5 77.0 115.6#
 141 420.1 55.5 83.3#

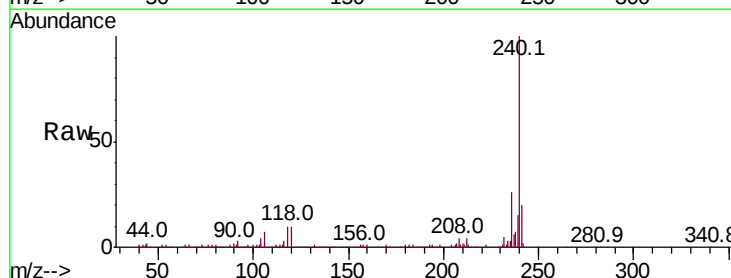


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

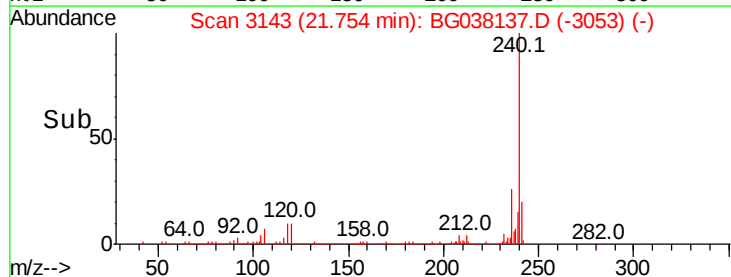
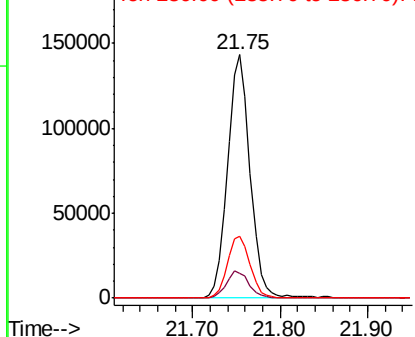


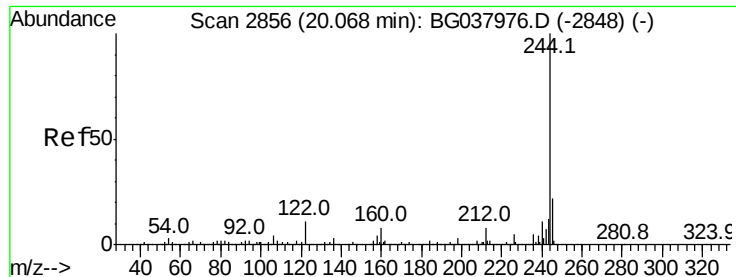
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG038137.D
 Acq: 26 Nov 2018 16:07

Tgt Ion:240 Resp: 251855
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 25.5 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: 83.083 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038137.D

Acq: 26 Nov 2018 16:07

Instrument :

BNA_G

ClientSampleId :

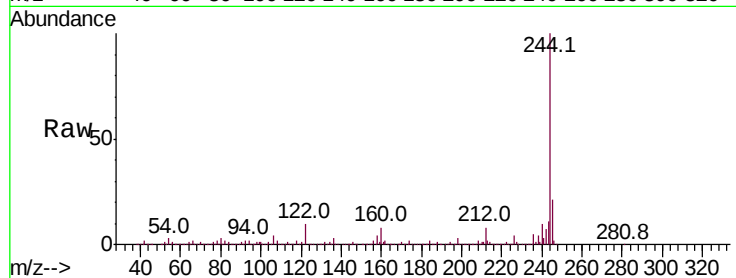
Tot Ion:244 Resp: 889284

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 10.5 9.0 13.4

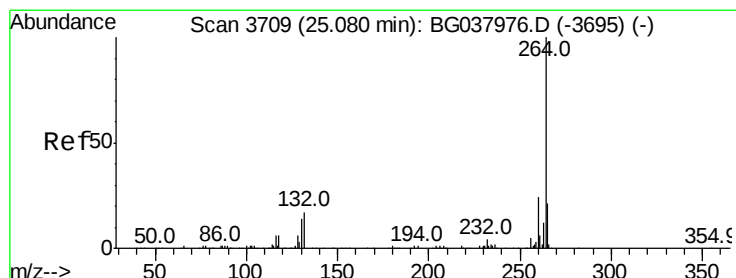
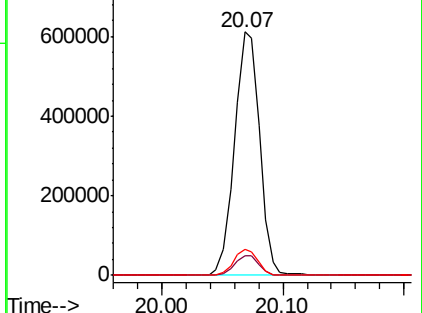
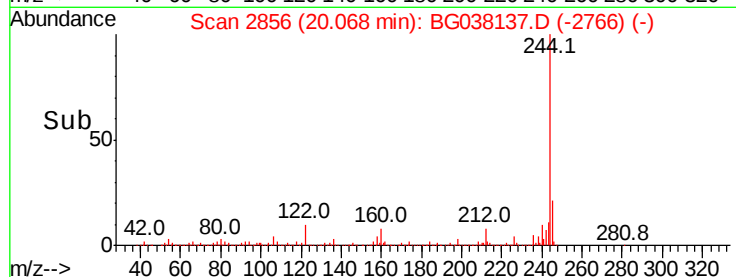


Abundance

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: BG038137.D

Acq: 26 Nov 2018 16:07

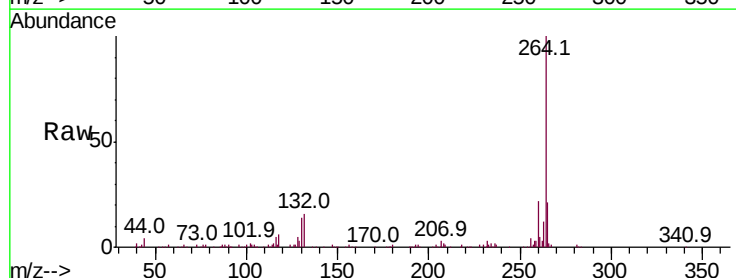
Tgt Ion:264 Resp: 252037

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 21.2 17.9 26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

