

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037632.D
 Acq On : 29 Oct 2018 21:06
 Operator : JU/SJ
 Sample : J5665-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 04:44:07 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

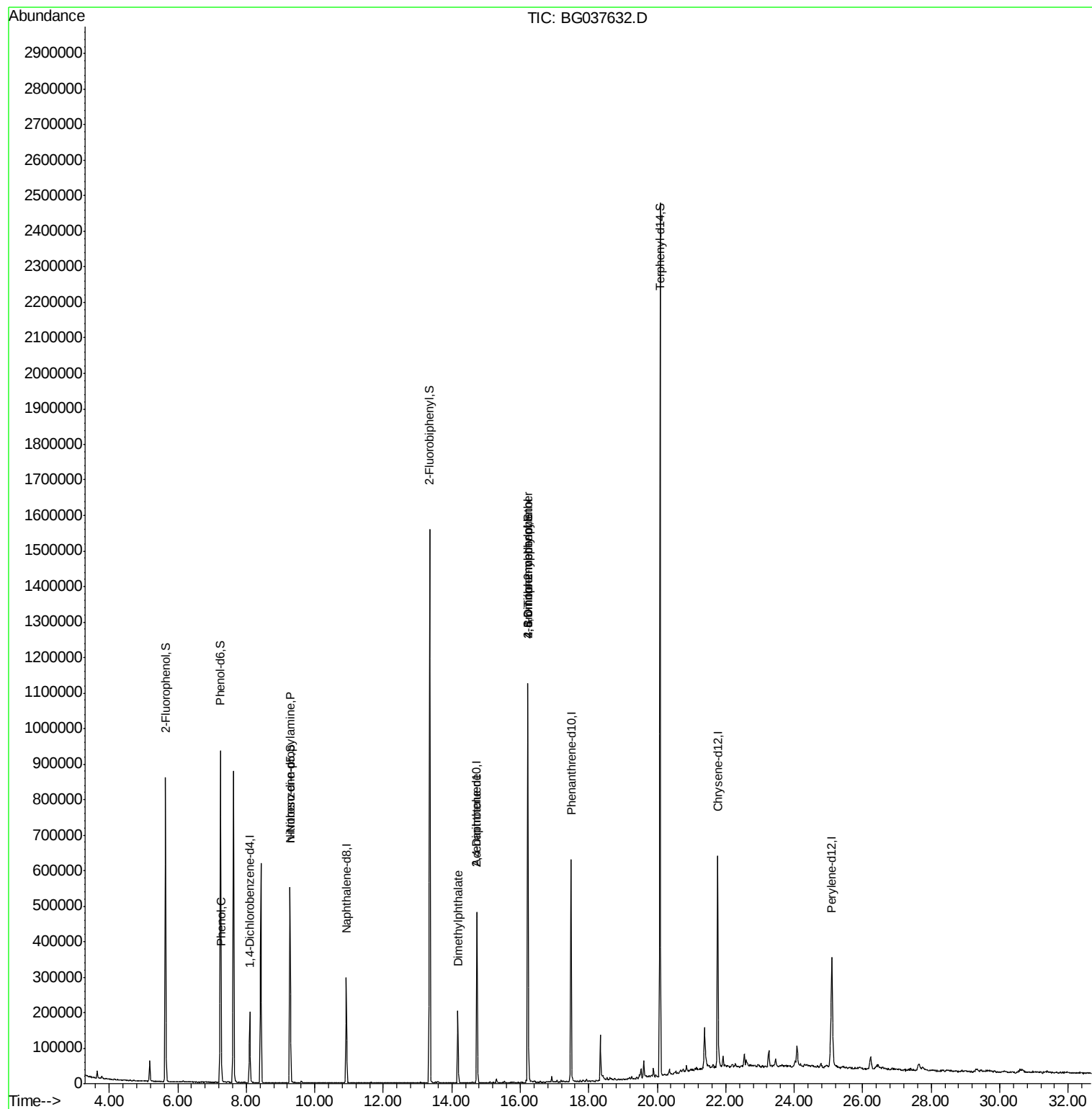
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58570	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	267626	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	177151	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	410203	20.00	ng	0.00
76) Chrysene-d12	21.77	240	361084	20.00	ng	0.00
87) Perylene-d12	25.10	264	355824	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	404382	115.43	ng	0.00
7) Phenol-d6	7.25	99	605120	114.23	ng	0.00
23) Nitrobenzene-d5	9.28	82	353808	74.06	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	205203	106.20	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	861353	73.32	ng	0.00
79) Terphenyl-d14	20.08	244	1162600	68.80	ng	0.00
Target Compounds						
10) Phenol	7.27	94	42347	7.576	ng	91
19) n-Nitroso-di-n-propylamine	9.28	70	44969	12.327	ng	# 70
50) Dimethylphthalate	14.18	163	150248	10.963	ng	97
57) 2,4-Dinitrotoluene	14.73	165	23998	6.030	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	634	8.750	ng	84
67) 4-Bromophenyl-phenylether	16.22	248	14635	3.249	ng	# 1

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

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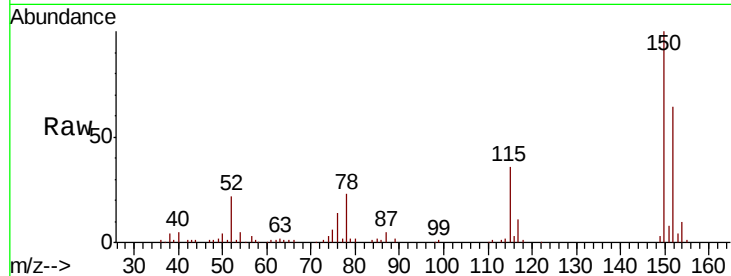


#1

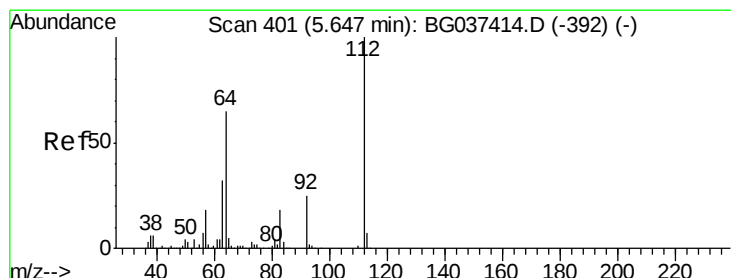
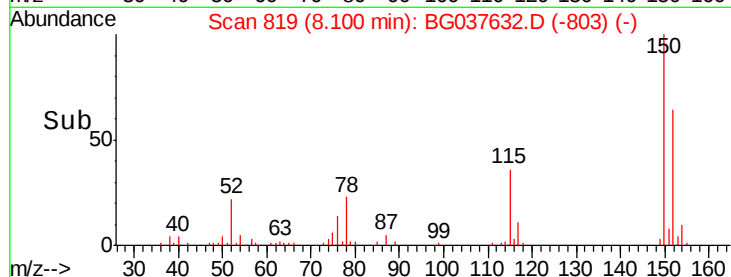
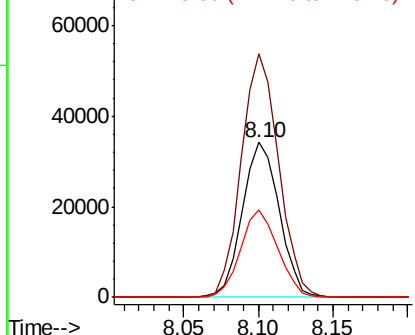
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037632.D
Acq: 29 Oct 2018 21:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58570
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 56.2 45.5 68.3



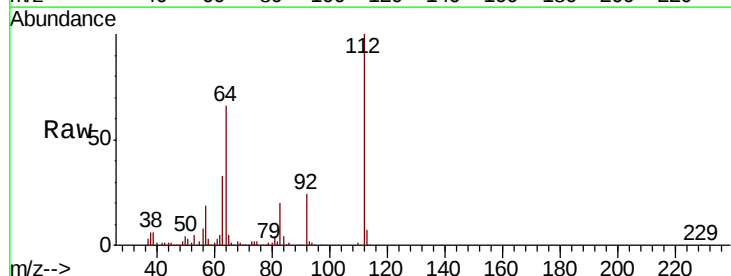
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



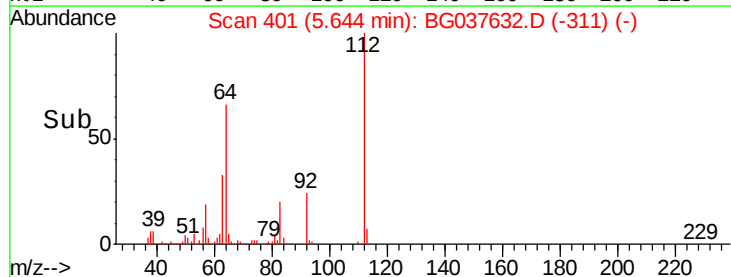
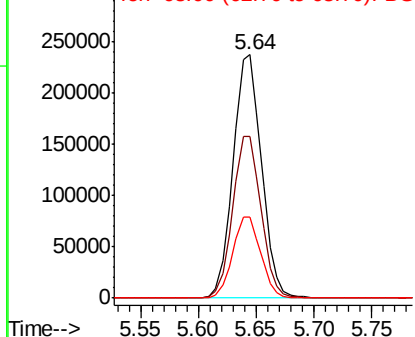
#5

2-Fluorophenol
Concen: 115.429 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037632.D
Acq: 29 Oct 2018 21:06

Tgt Ion:112 Resp: 404382
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 33.1 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: 114.229 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037632.D

Acq: 29 Oct 2018 21:06

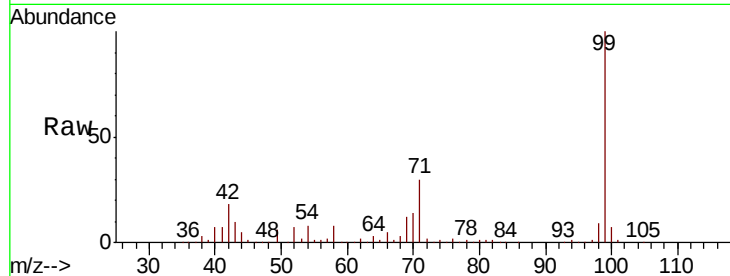
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 605120

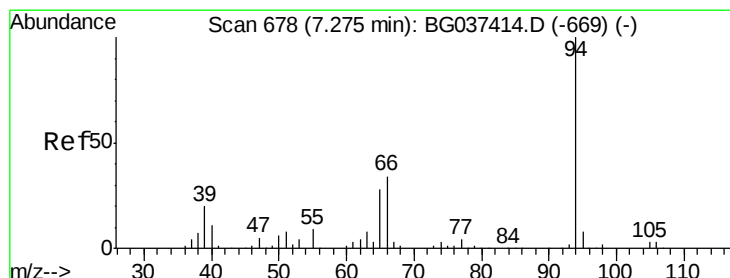
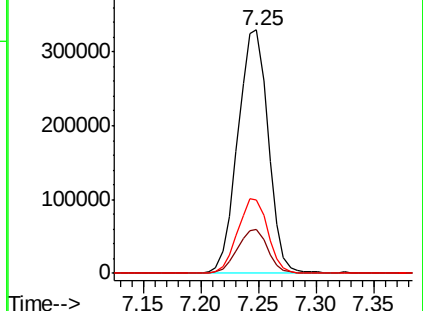
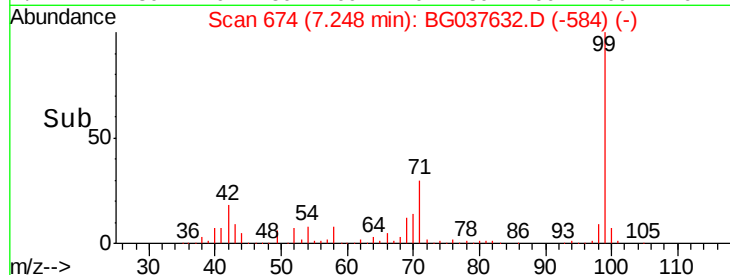
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	30.2	25.5	38.3



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: 7.576 ng

RT: 7.27 min Scan# 678

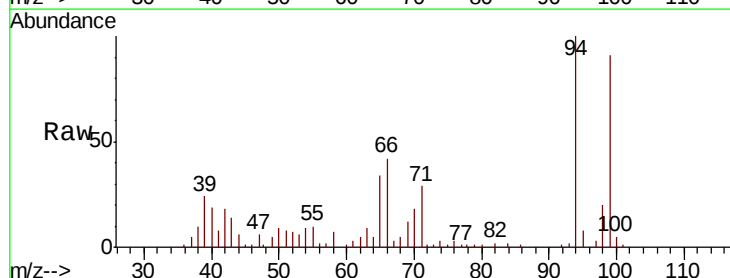
Delta R.T. -0.00 min

Lab File: BG037632.D

Acq: 29 Oct 2018 21:06

Tgt Ion: 94 Resp: 42347

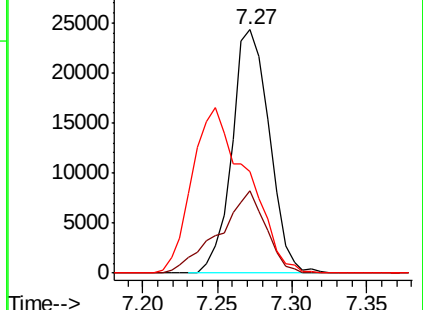
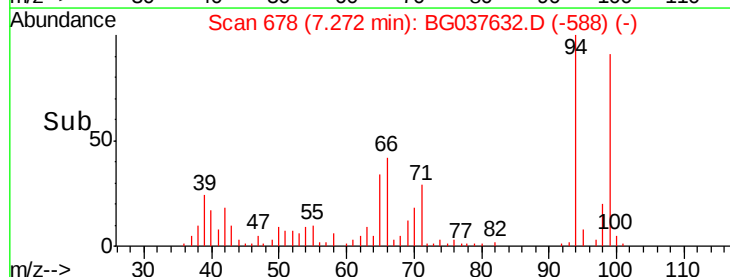
Ion	Ratio	Lower	Upper
94	100		
65	34.1	9.7	49.7
66	41.6	15.9	55.9



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

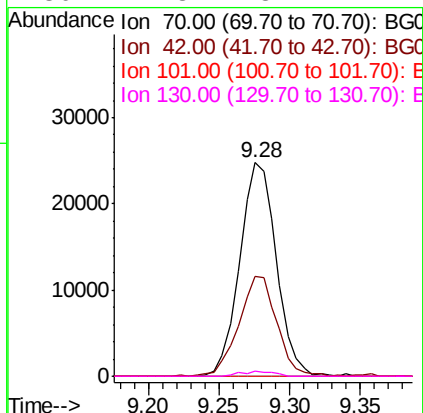
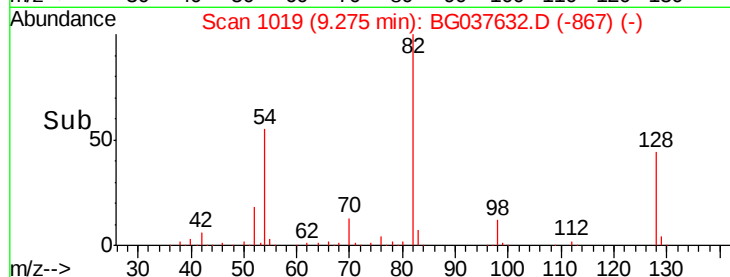
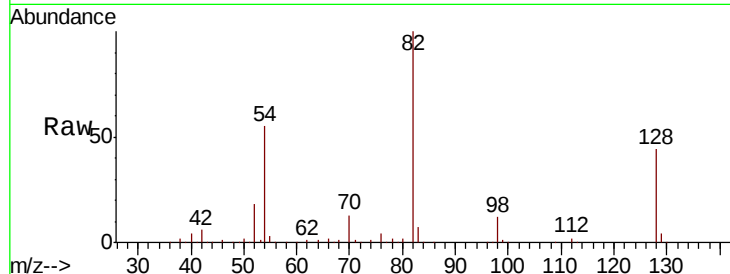




#19
n-Nitroso-di-n-propylamine
Concen: 12.327 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037632.D
Acq: 29 Oct 2018 21:06

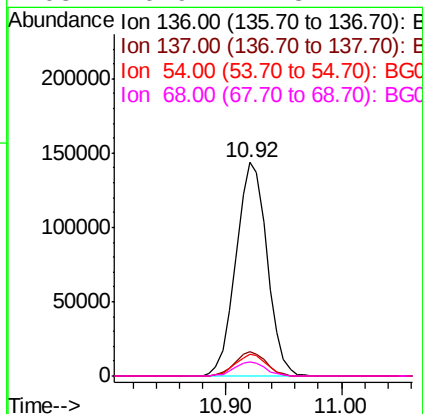
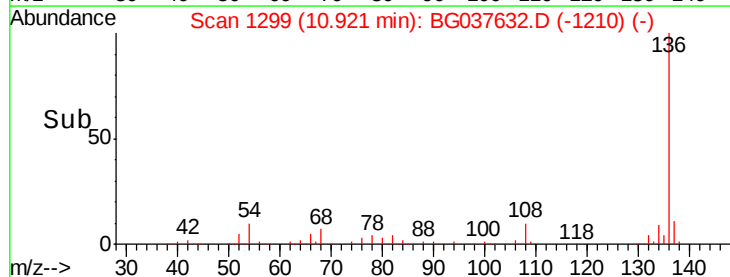
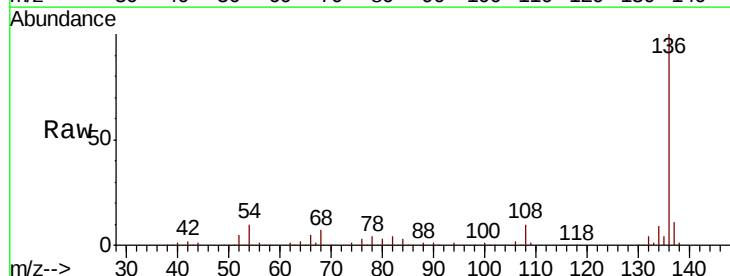
Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 44969
Ion Ratio Lower Upper
70 100
42 46.6 53.9 80.9#
101 0.0 8.2 12.2#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037632.D
Acq: 29 Oct 2018 21:06

Tgt Ion: 136 Resp: 267626
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.5 7.9 11.9
68 6.9 4.8 7.2

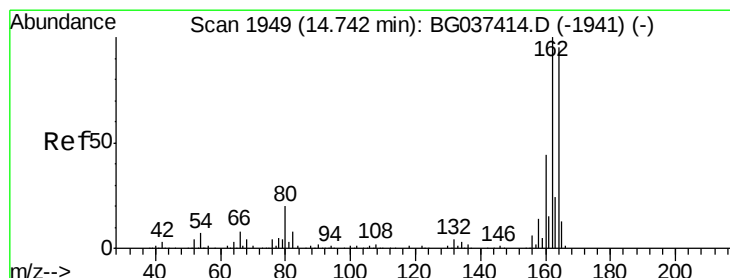
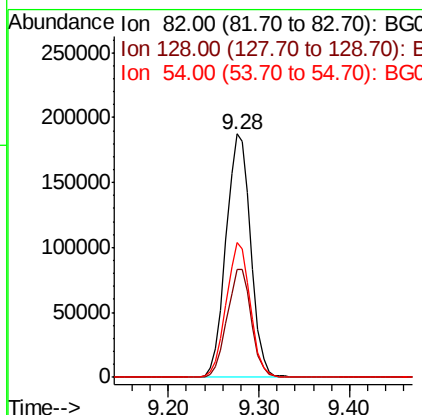
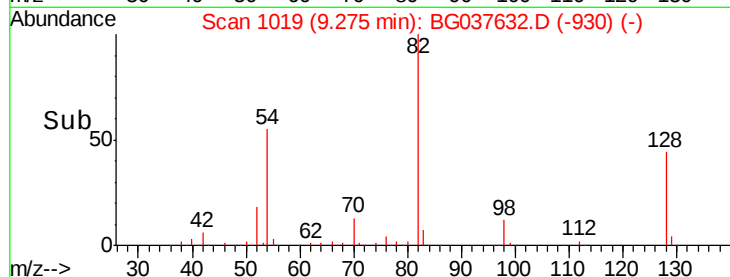
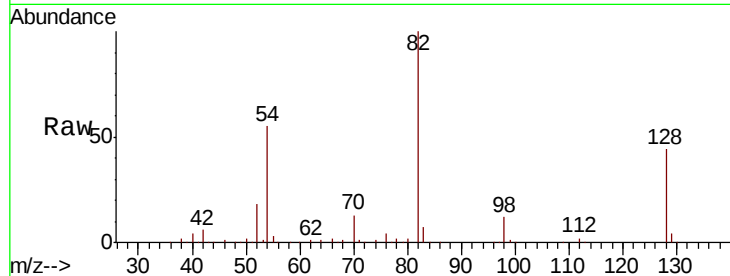




#23
 Nitrobenzene-d5
 Concen: 74.058 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037632.D
 Acq: 29 Oct 2018 21:06

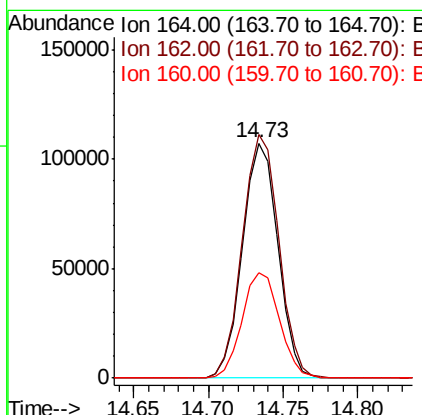
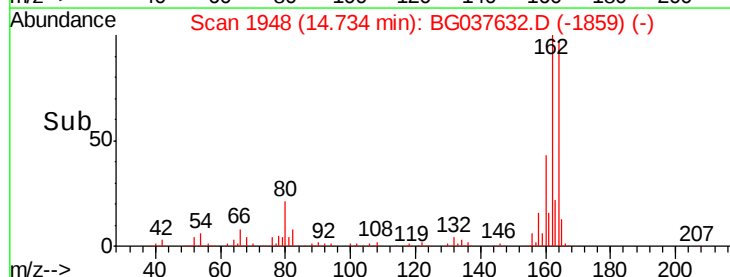
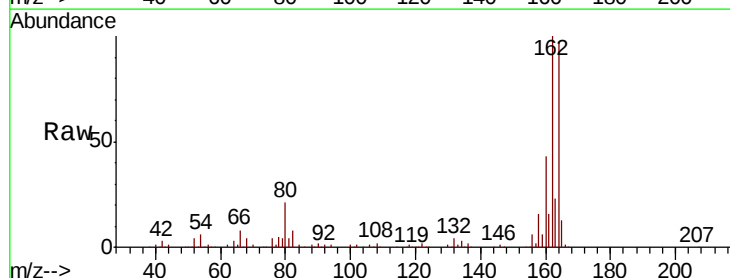
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	353808
Ion Ratio	100	Lower	Upper
128	44.4	34.6	51.8
54	55.2	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037632.D
 Acq: 29 Oct 2018 21:06

Tgt Ion	164	Resp	177151
Ion Ratio	100	Lower	Upper
162	103.5	81.3	121.9
160	45.0	36.3	54.5

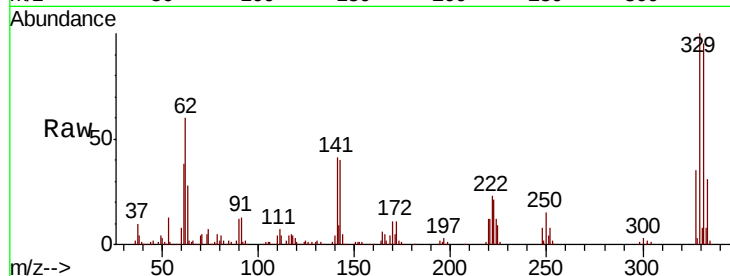




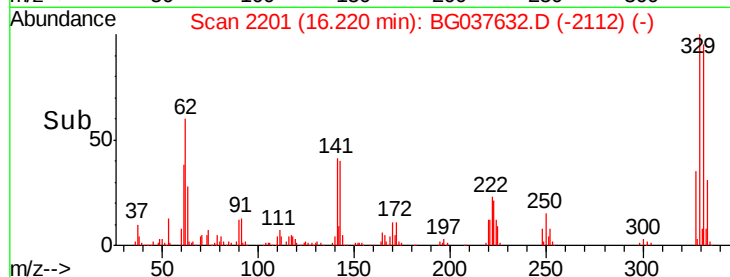
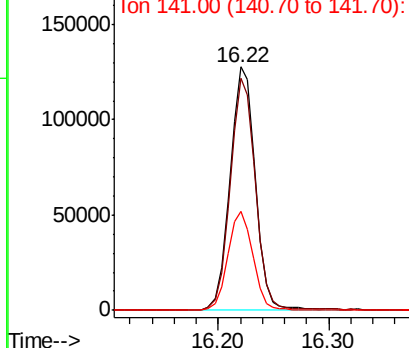
#42
 2,4,6-Tribromophenol
 Concen: 106.204 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037632.D
 Acq: 29 Oct 2018 21:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.4	117.6
141	40.2	32.2	48.2

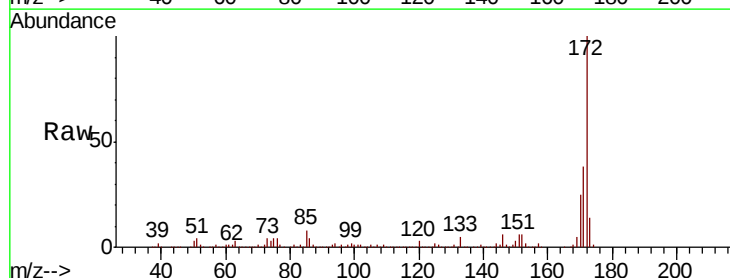


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

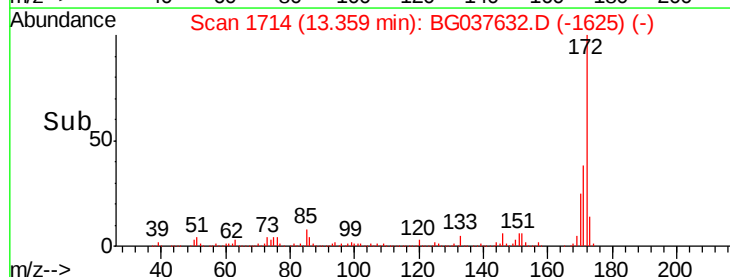
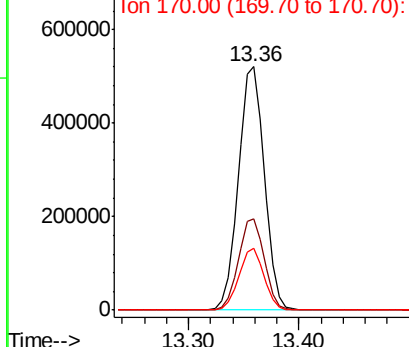


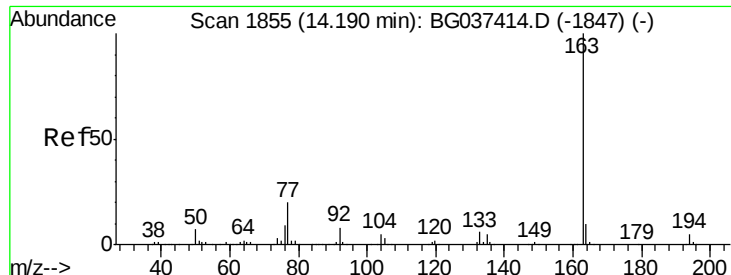
#45
 2-Fluorobiphenyl
 Concen: 73.320 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037632.D
 Acq: 29 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	25.2	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





#50

Dimethylphthalate

Concen: 10.963 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037632.D

Acq: 29 Oct 2018 21:06

Instrument :

BNA_G

ClientSampled :

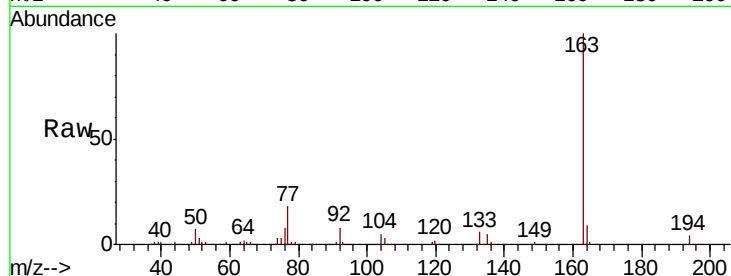
Tot Ion:163 Resp: 150248

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

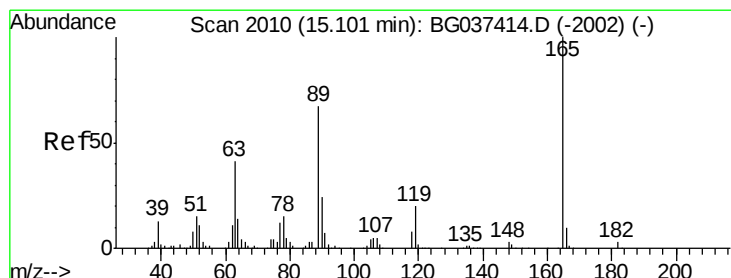
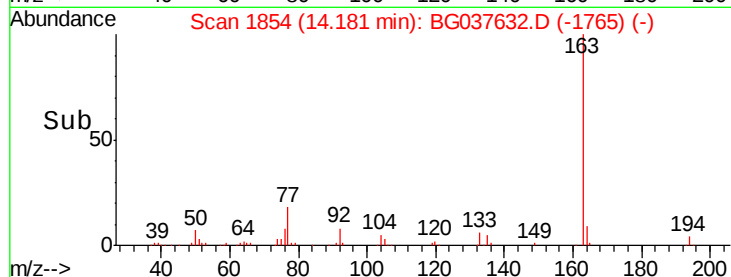
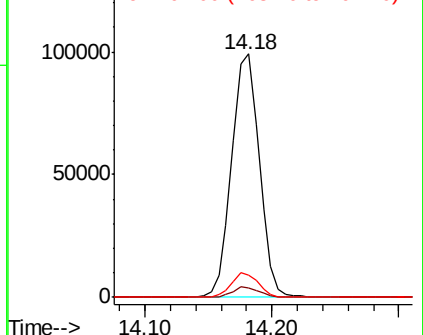
164 9.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.030 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.37 min

Lab File: BG037632.D

Acq: 29 Oct 2018 21:06

Tgt Ion:165 Resp: 23998

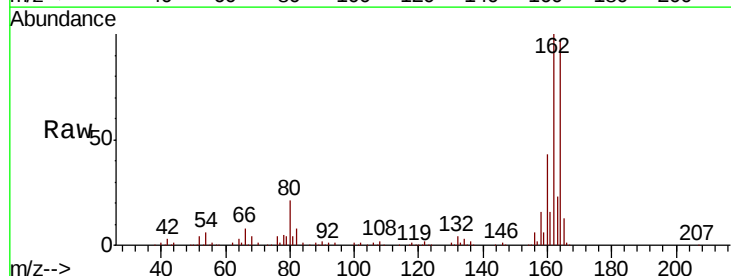
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 1.5 57.2 85.8#

182 0.0 2.6 4.0#

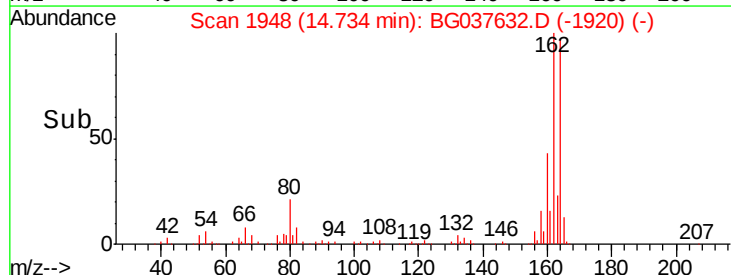
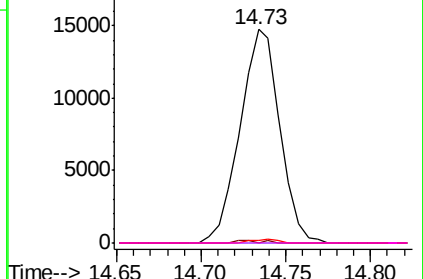


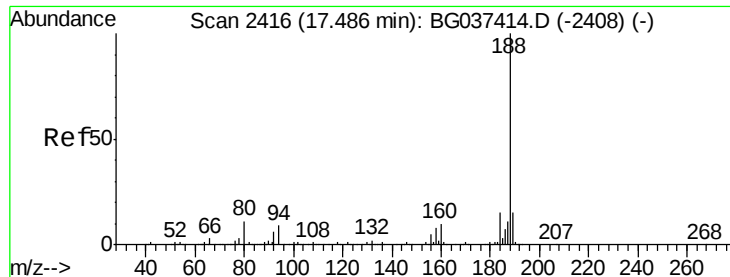
Abundance Ion 165.00 (164.70 to 165.70): E

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

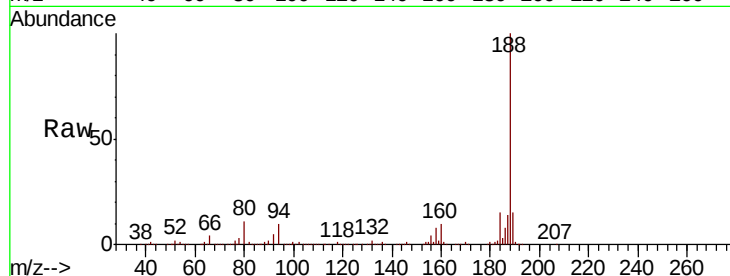




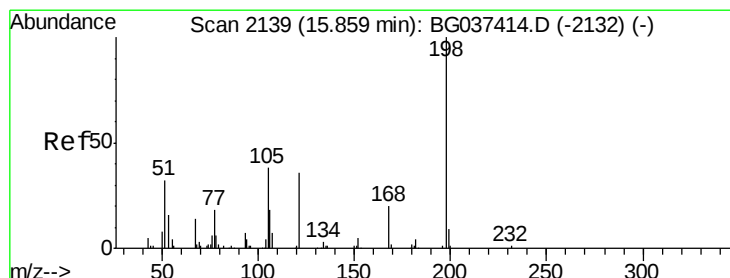
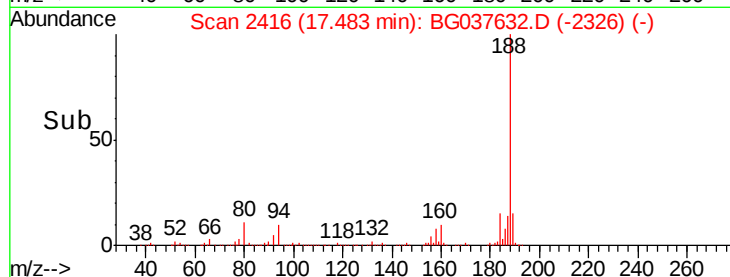
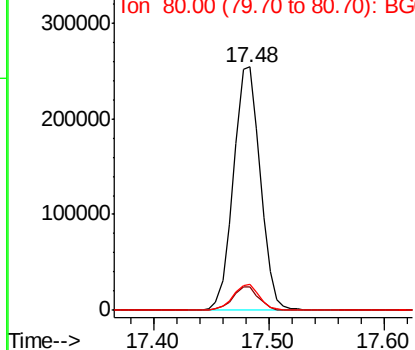
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037632.D
Acq: 29 Oct 2018 21:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 410203
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.6 7.7 11.5

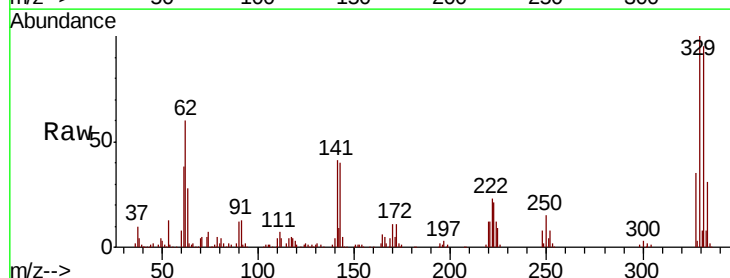


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

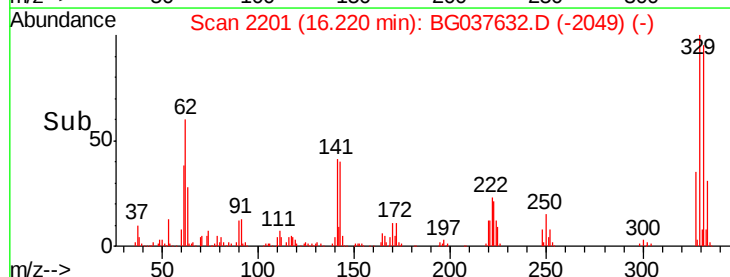
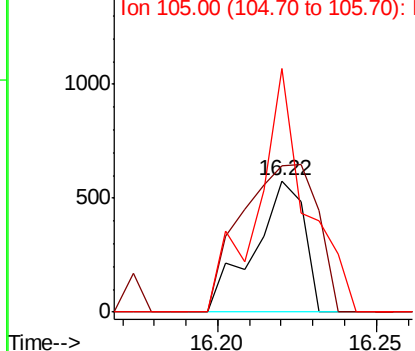


#65
4,6-Dinitro-2-methylphenol
Concen: 8.750 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037632.D
Acq: 29 Oct 2018 21:06

Tgt Ion:198 Resp: 634
Ion Ratio Lower Upper
198 100
51 26.1 22.7 62.7
105 43.3 19.7 59.7



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

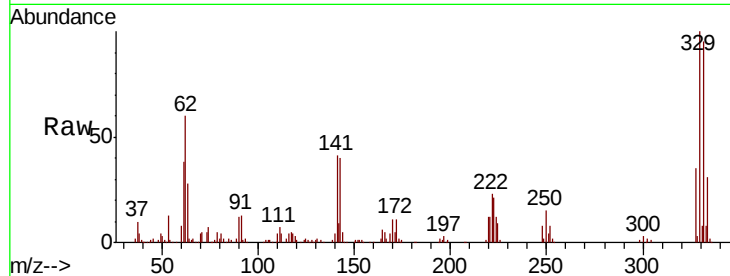




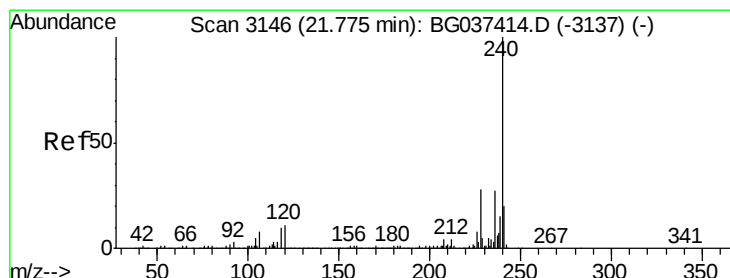
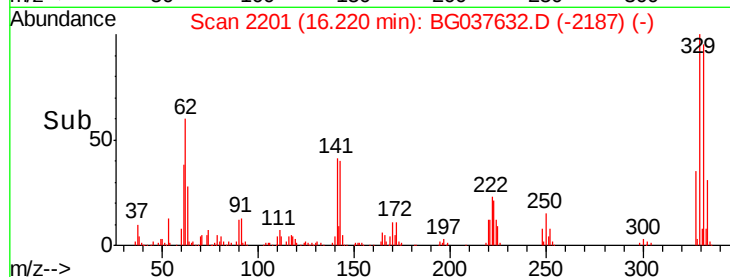
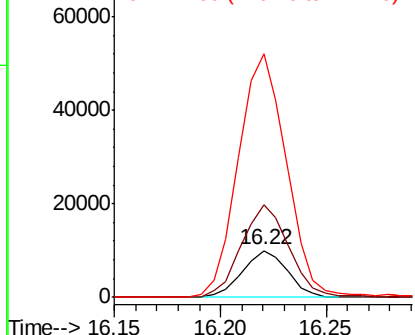
#67
 4-Bromophenyl-phenylether
 Concen: 3.249 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037632.D
 Acq: 29 Oct 2018 21:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14635
 Ion Ratio Lower Upper
 248 100
 250 196.5 77.0 115.6#
 141 407.6 55.5 83.3#

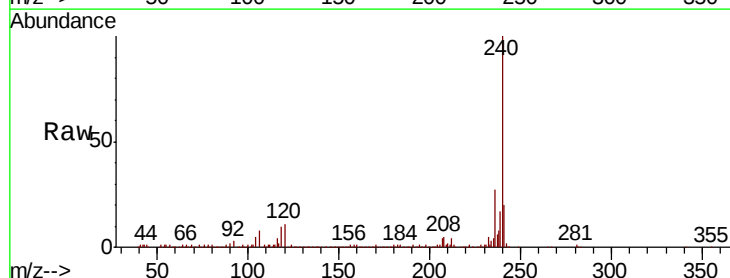


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

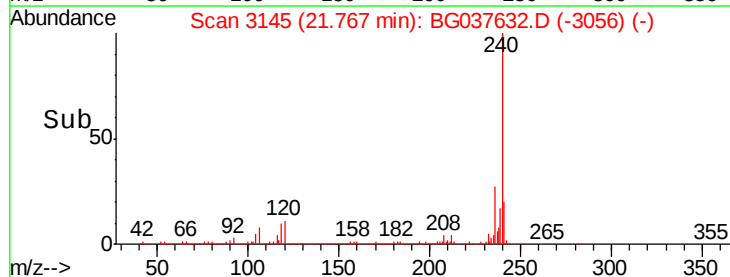
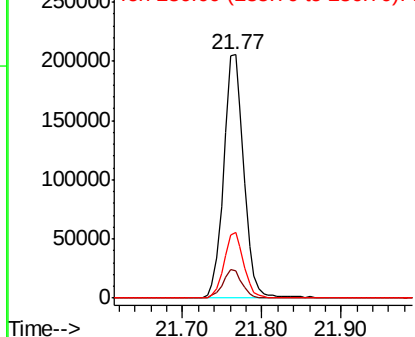


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037632.D
 Acq: 29 Oct 2018 21:06

Tgt Ion:240 Resp: 361084
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.9 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: 68.799 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037632.D

Acq: 29 Oct 2018 21:06

Instrument :

BNA_G

ClientSampled :

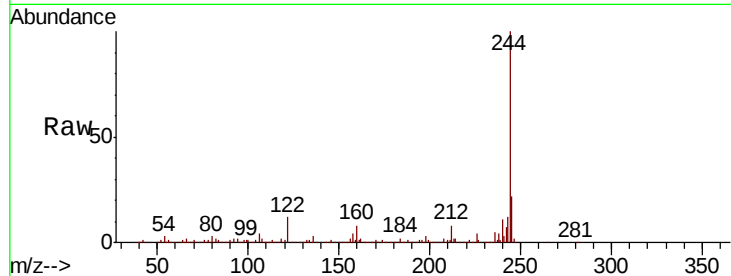
Tot Ion:244 Resp: 1162600

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

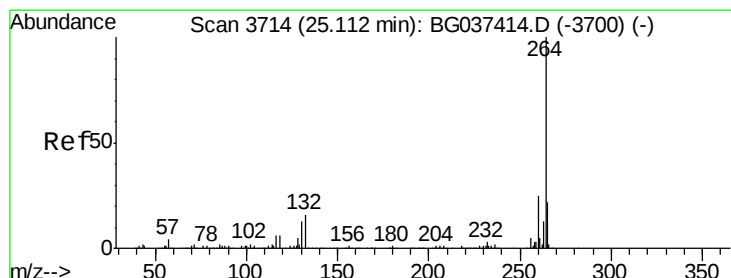
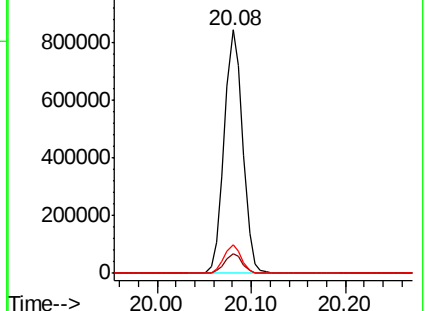
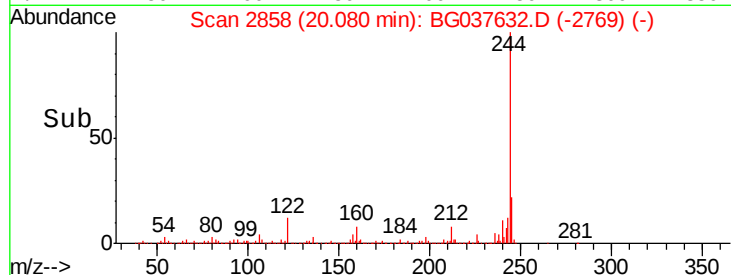
122 12.0 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037632.D

Acq: 29 Oct 2018 21:06

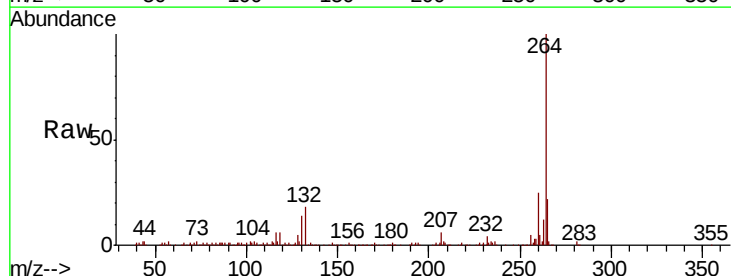
Tgt Ion:264 Resp: 355824

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 21.7 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

