

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037640.D
 Acq On : 30 Oct 2018 2:18
 Operator : JU/SJ
 Sample : J5649-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 05:47:17 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

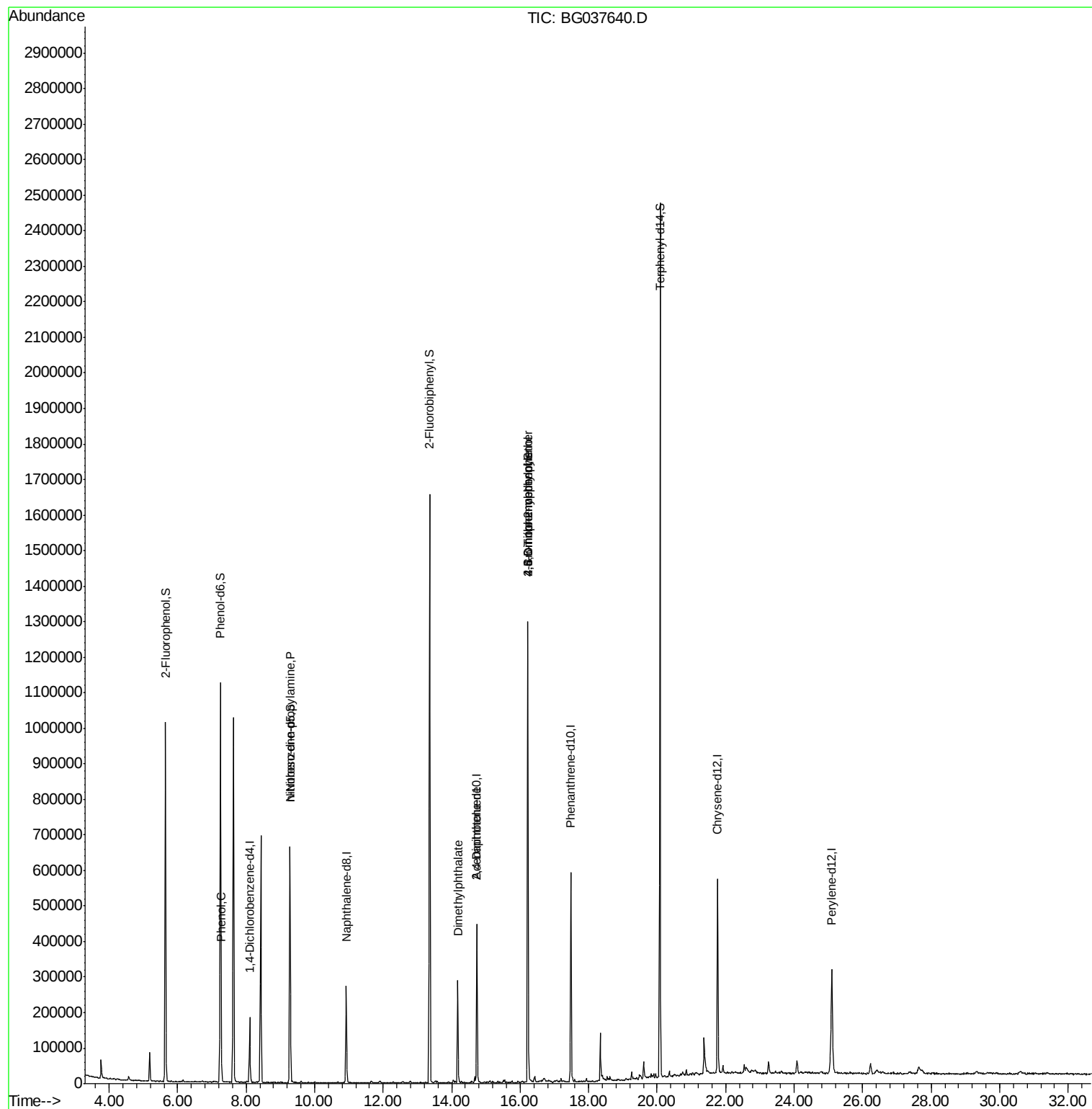
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53628	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	241540	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161695	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	374427	20.00	ng	0.00
76) Chrysene-d12	21.76	240	341168	20.00	ng	-0.01
87) Perylene-d12	25.10	264	336363	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	473324	147.56	ng	0.00
7) Phenol-d6	7.24	99	706989	145.76	ng	0.00
23) Nitrobenzene-d5	9.28	82	419709	97.34	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	239890	136.02	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	898909	83.83	ng	-0.01
79) Terphenyl-d14	20.08	244	1199330	75.12	ng	0.00
Target Compounds						
10) Phenol	7.27	94	53968	10.545	ng	97
19) n-Nitroso-di-n-propylamine	9.28	70	54323	16.264	ng	# 69
50) Dimethylphthalate	14.18	163	198798	15.892	ng	99
57) 2,4-Dinitrotoluene	14.74	165	21325	5.871	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	655	8.782	ng	71
67) 4-Bromophenyl-phenylether	16.22	248	18064	4.393	ng	# 1

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

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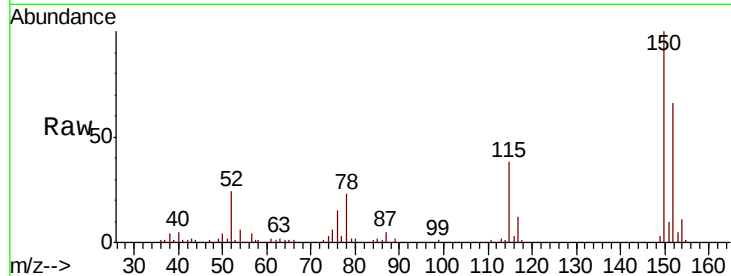


#1

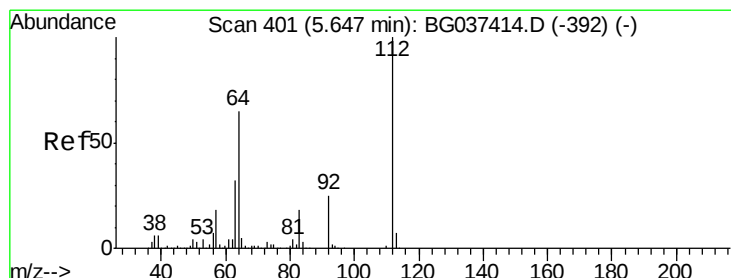
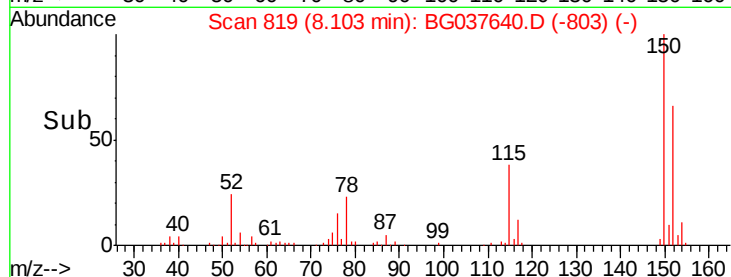
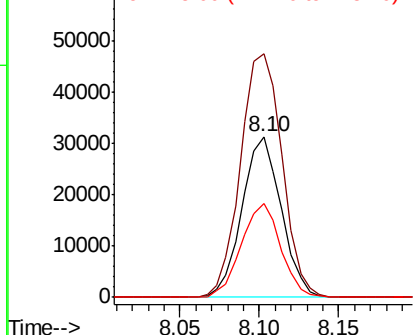
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037640.D
Acq: 30 Oct 2018 2:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53628
Ion Ratio Lower Upper
152 100
150 151.7 126.0 189.0
115 58.1 45.5 68.3



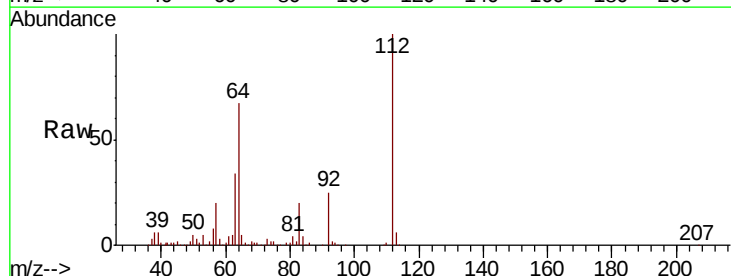
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



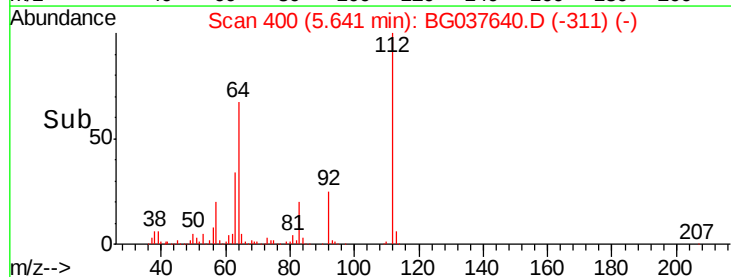
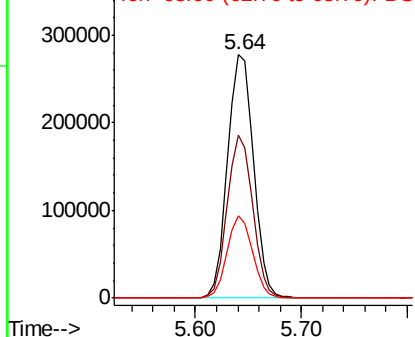
#5

2-Fluorophenol
Concen: 147.559 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037640.D
Acq: 30 Oct 2018 2:18

Tgt Ion:112 Resp: 473324
Ion Ratio Lower Upper
112 100
64 66.8 53.1 79.7
63 33.6 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: 145.758 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037640.D

Acq: 30 Oct 2018 2:18

Instrument :

BNA_G

ClientSampled :

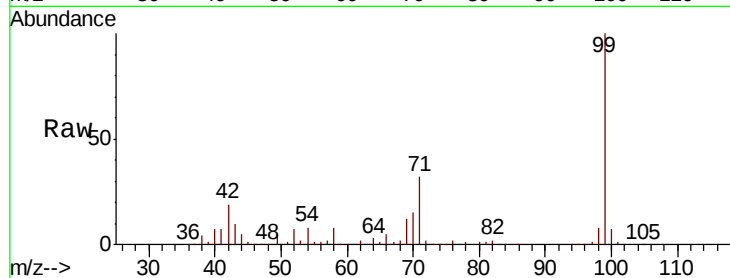
Tot Ion: 99 Resp: 706989

Ion Ratio Lower Upper

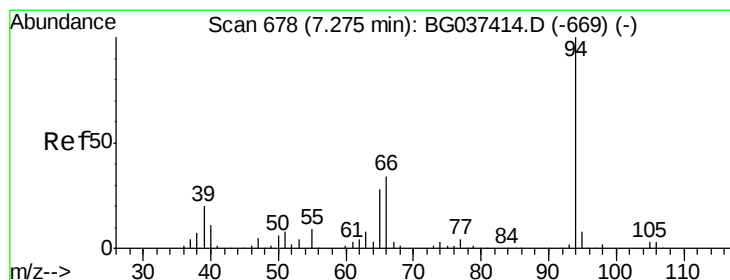
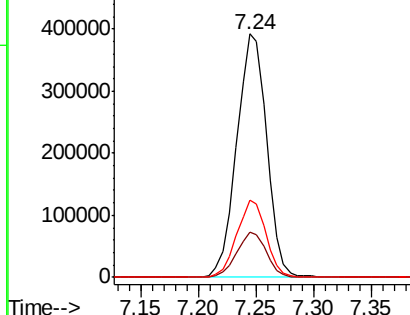
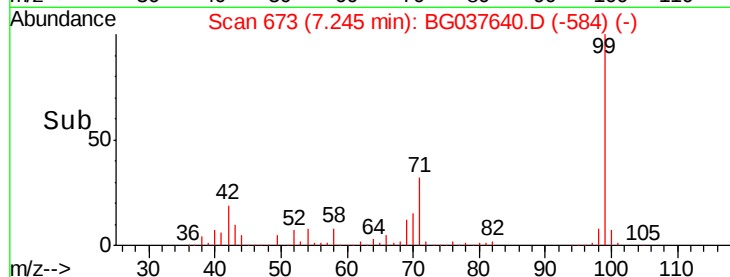
99 100

42 18.5 15.0 22.4

71 31.9 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: 10.545 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037640.D

Acq: 30 Oct 2018 2:18

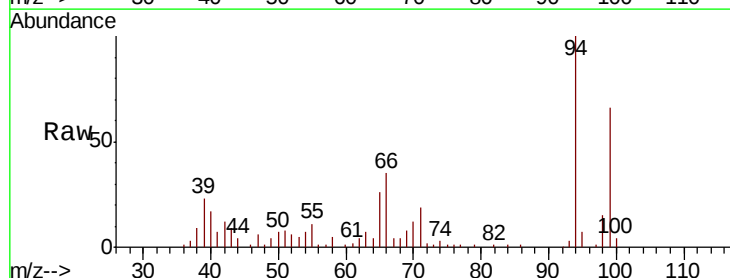
Tgt Ion: 94 Resp: 53968

Ion Ratio Lower Upper

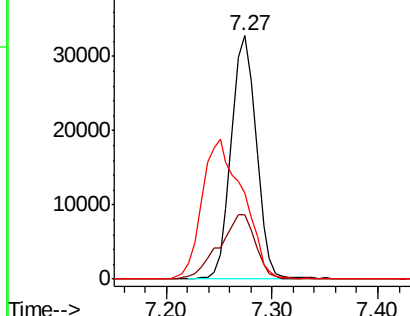
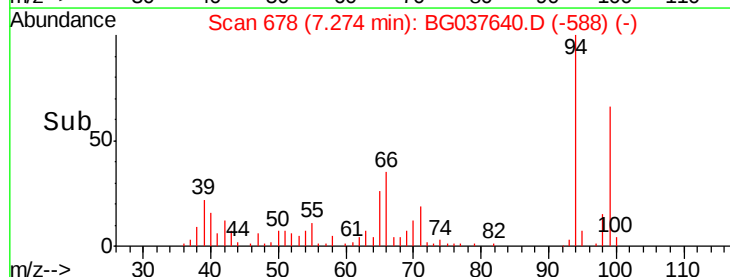
94 100

65 26.5 9.7 49.7

66 35.3 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: 16.264 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037640.D

Acq: 30 Oct 2018 2:18

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 54323

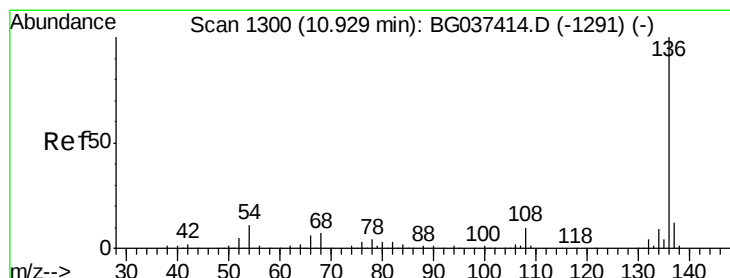
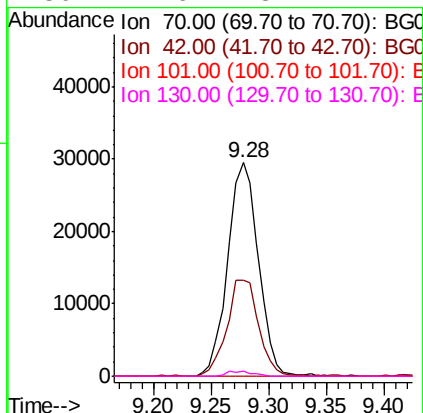
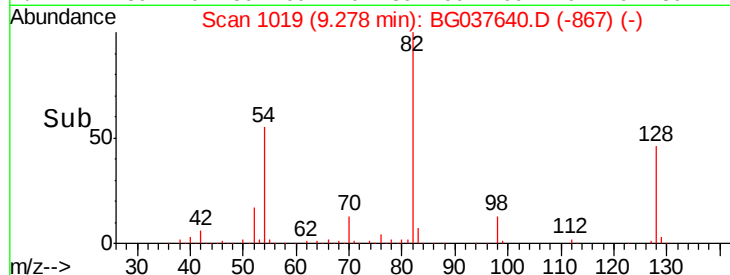
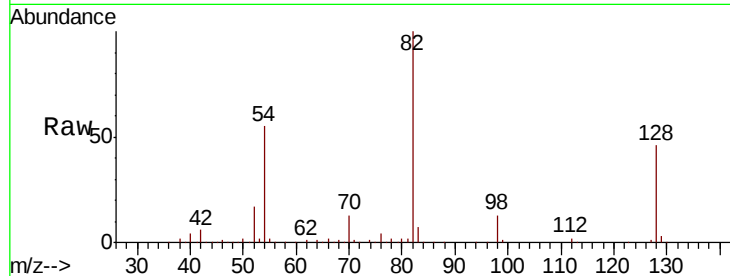
Ion Ratio Lower Upper

70 100

42 44.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.6 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: BG037640.D

Acq: 30 Oct 2018 2:18

Tgt Ion: 136 Resp: 241540

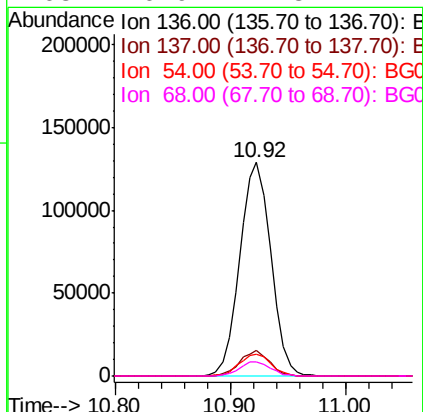
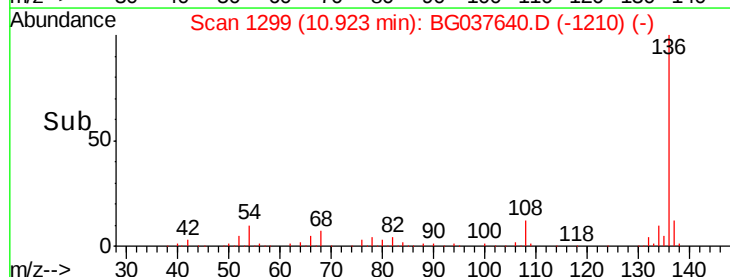
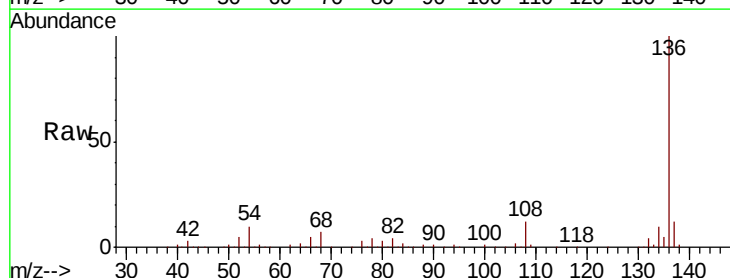
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 10.2 7.9 11.9

68 6.9 4.8 7.2

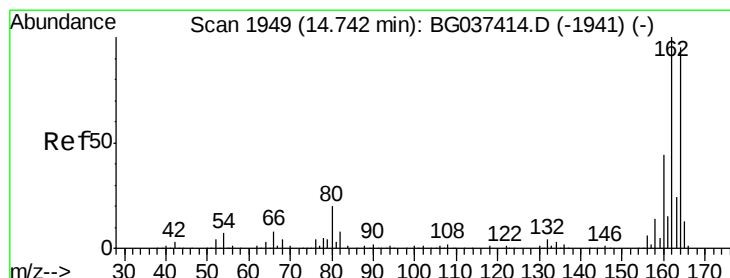
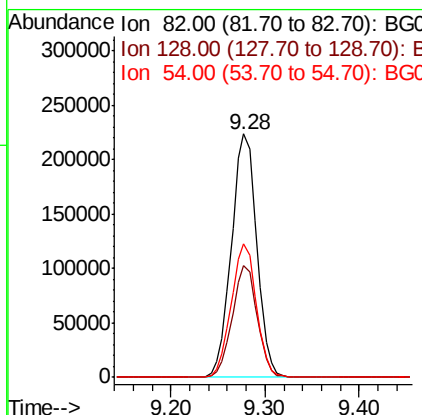
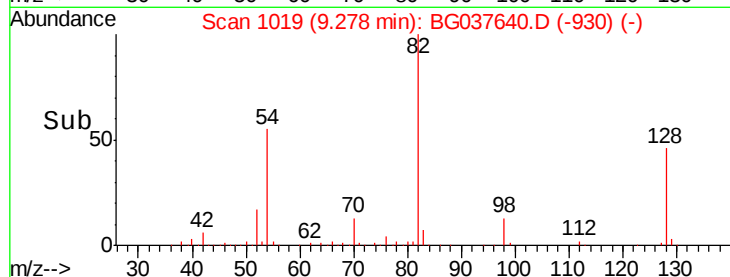
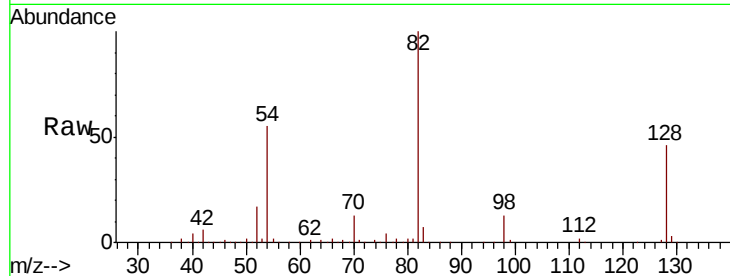




#23
Nitrobenzene-d5
Concen: 97.341 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037640.D
Acq: 30 Oct 2018 2:18

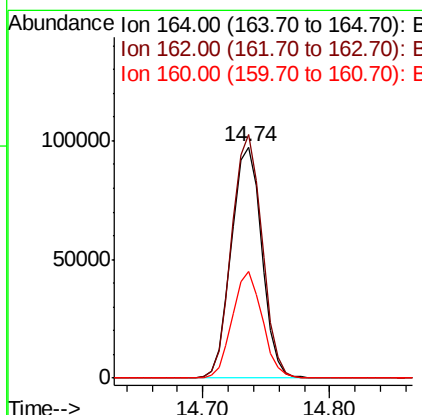
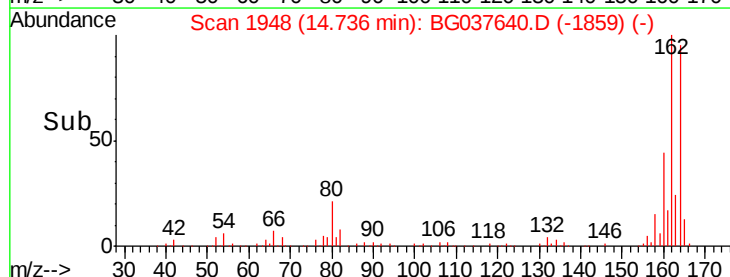
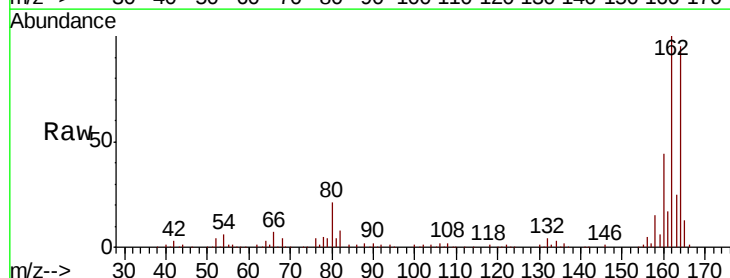
Instrument :
BNA_G
ClientSampled :

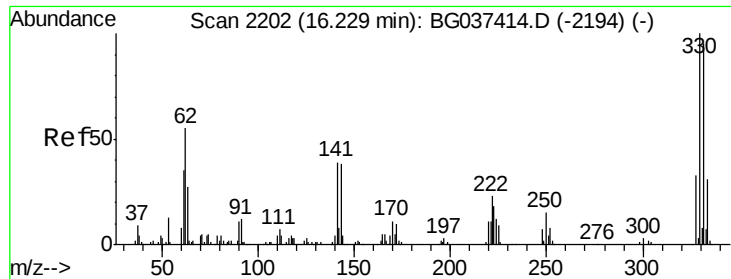
Tot Ion	82.00	Resp	419709
Ion Ratio	100	Lower	Upper
128	45.8	34.6	51.8
54	54.8	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037640.D
Acq: 30 Oct 2018 2:18

Tgt Ion	164.00	Resp	161695
Ion Ratio	100	Lower	Upper
162	105.4	81.3	121.9
160	46.0	36.3	54.5

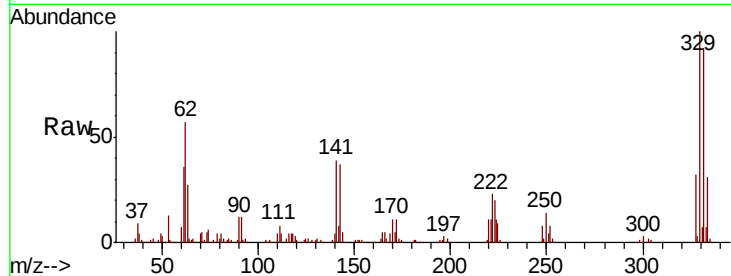




#42
 2,4,6-Tribromophenol
 Concen: 136.024 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037640.D
 Acq: 30 Oct 2018 2:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	39.8	32.2	48.2

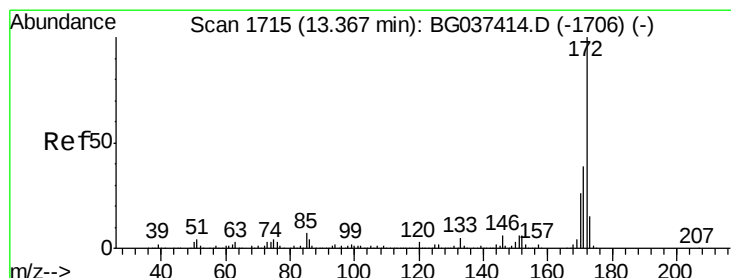
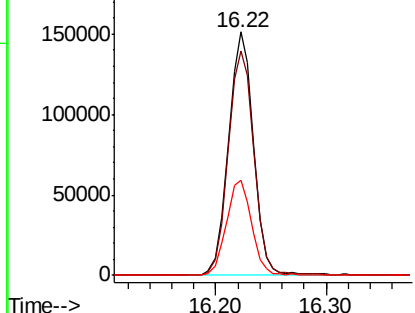
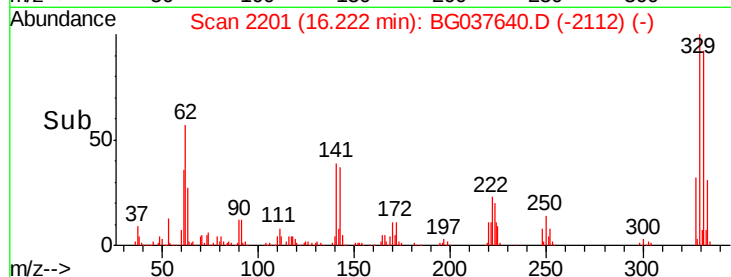


Abundance

Ion 329.80 (329.50 to 330.50): E

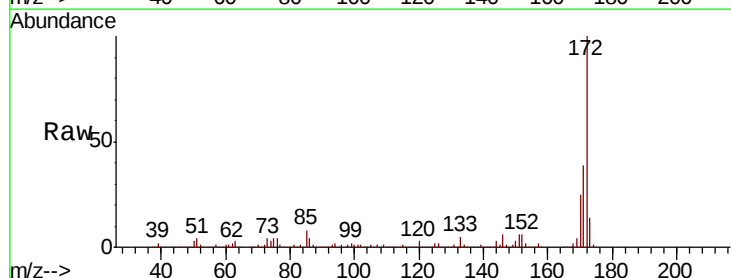
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.831 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037640.D
 Acq: 30 Oct 2018 2:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.5	20.2	30.2

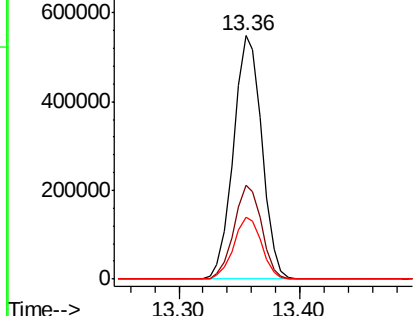
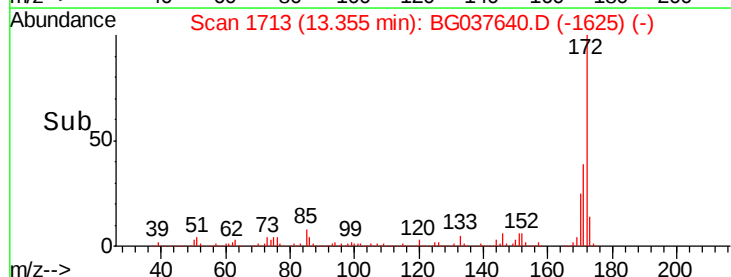


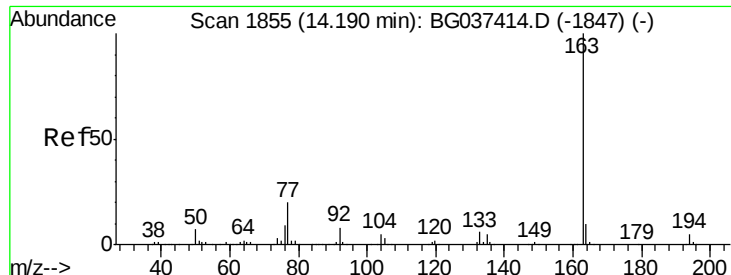
Abundance

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: 15.892 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037640.D

Acq: 30 Oct 2018 2:18

Instrument :

BNA_G

ClientSampleId :

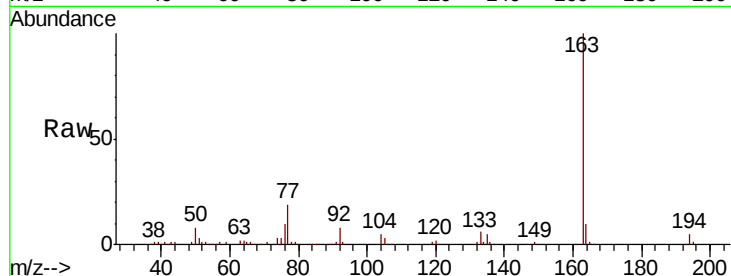
Tot Ion:163 Resp: 198798

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

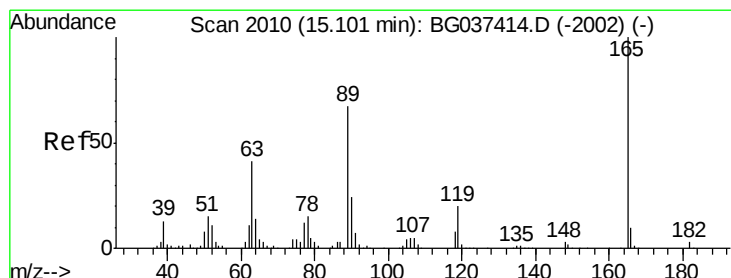
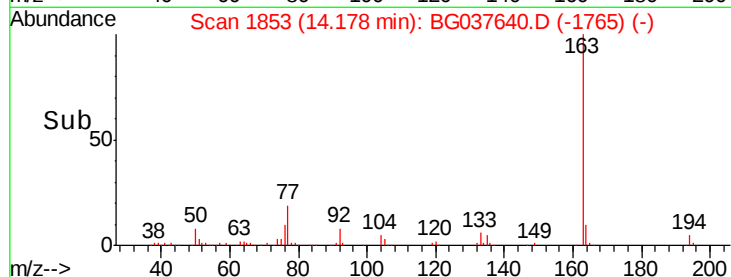
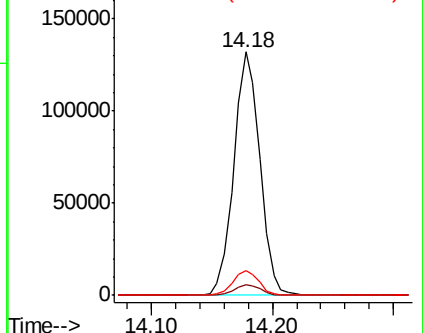
164 10.4 8.5 12.7



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: 5.871 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.36 min

Lab File: BG037640.D

Acq: 30 Oct 2018 2:18

Tgt Ion:165 Resp: 21325

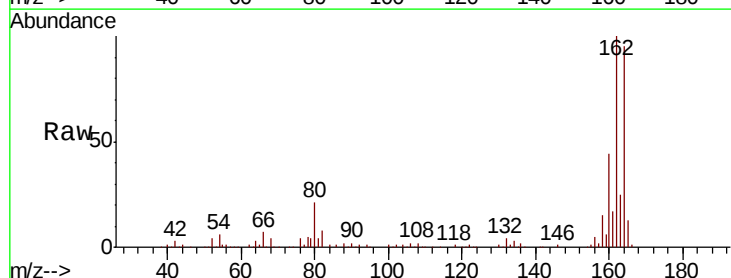
Ion Ratio Lower Upper

165 100

63 1.9 33.4 50.0#

89 1.6 57.2 85.8#

182 0.0 2.6 4.0#

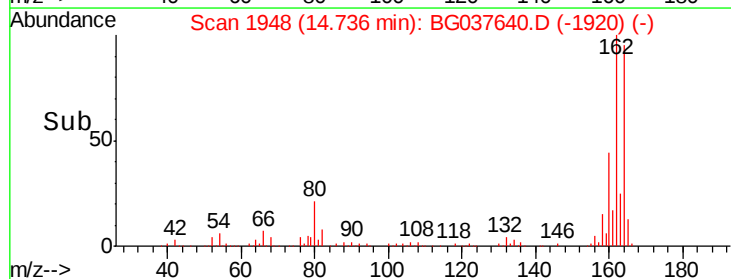
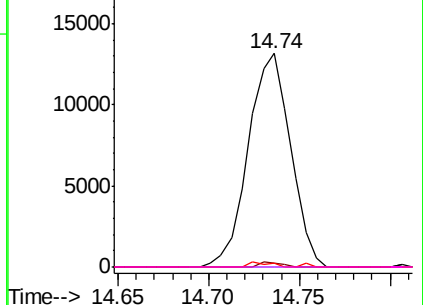


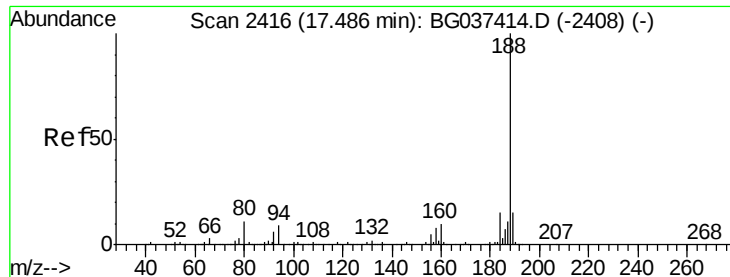
Abundance Ion 165.00 (164.70 to 165.70): E

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

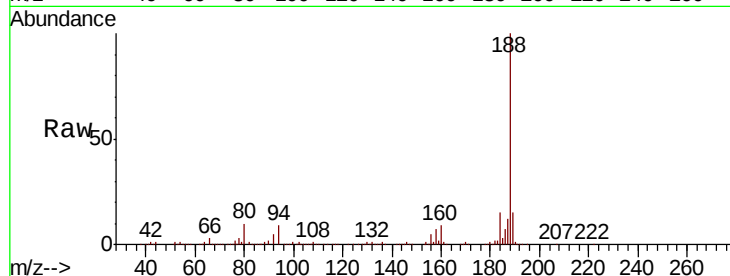




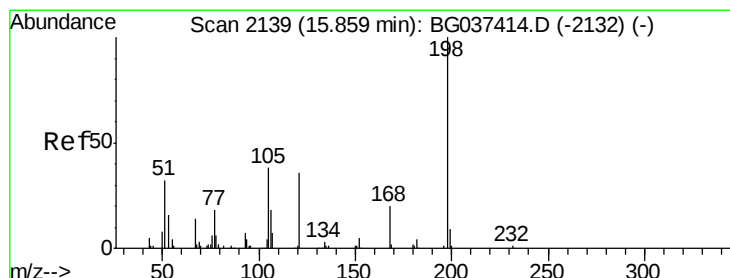
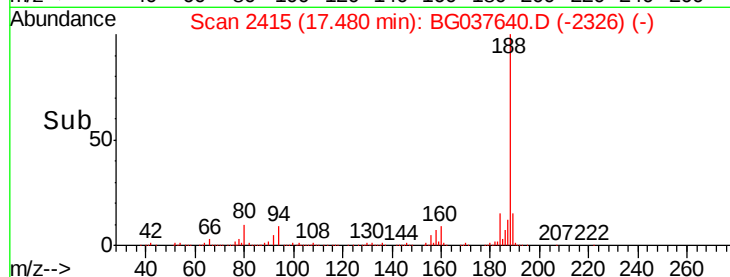
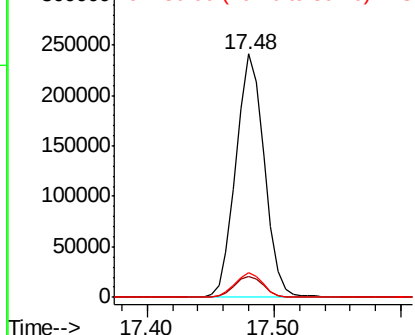
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037640.D
Acq: 30 Oct 2018 2:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 374427
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.1 7.7 11.5

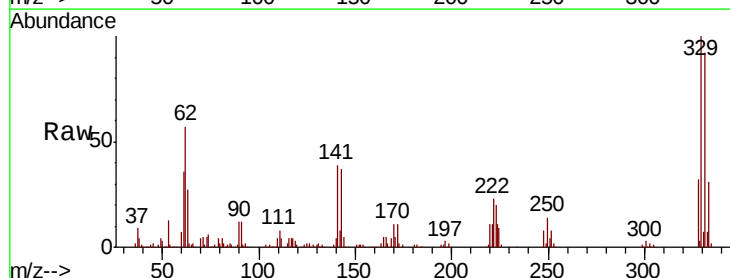


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

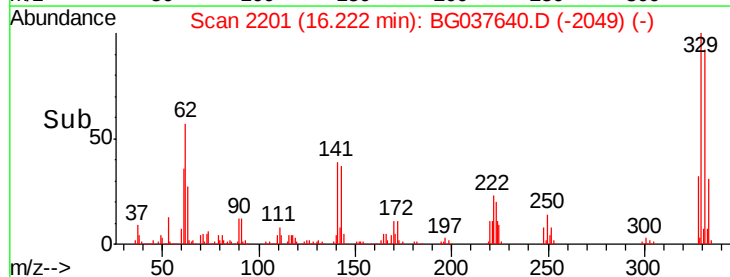
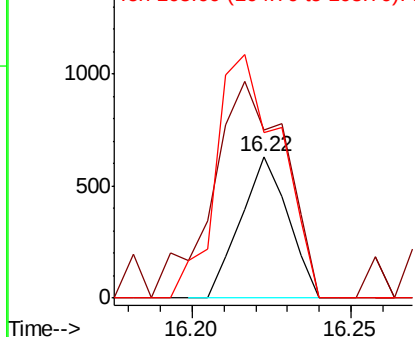


#65
4,6-Dinitro-2-methylphenol
Concen: 8.782 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037640.D
Acq: 30 Oct 2018 2:18

Tgt Ion:198 Resp: 655
Ion Ratio Lower Upper
198 100
51 23.5 22.7 62.7
105 23.1 19.7 59.7



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

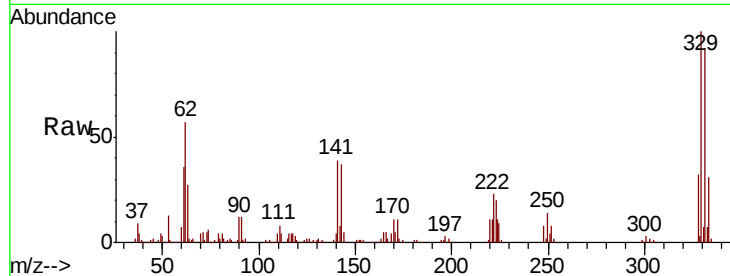




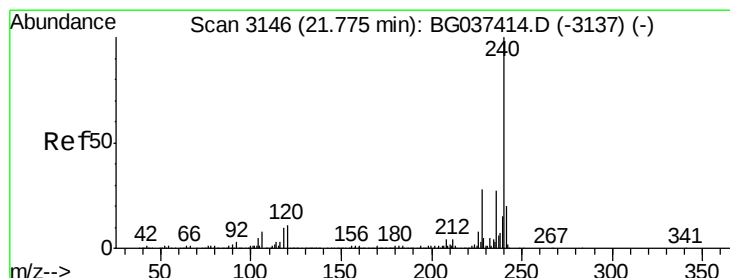
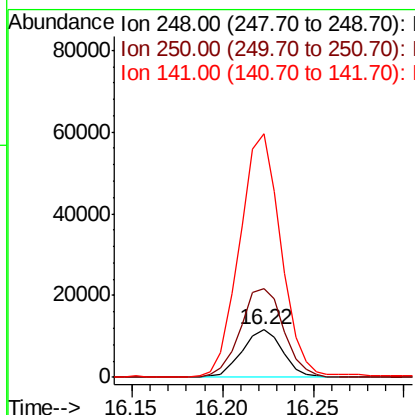
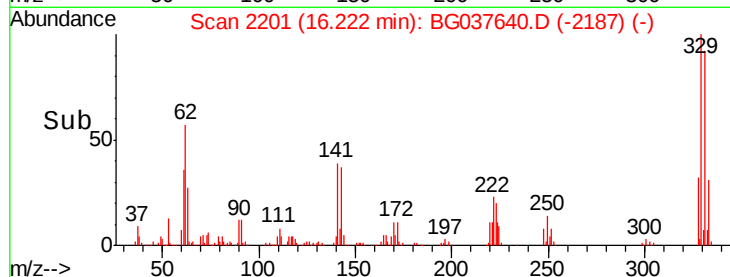
#67
4-Bromophenyl-phenylether
Concen: 4.393 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037640.D
Acq: 30 Oct 2018 2:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18064
Ion Ratio Lower Upper
248 100
250 189.3 77.0 115.6#
141 407.3 55.5 83.3#

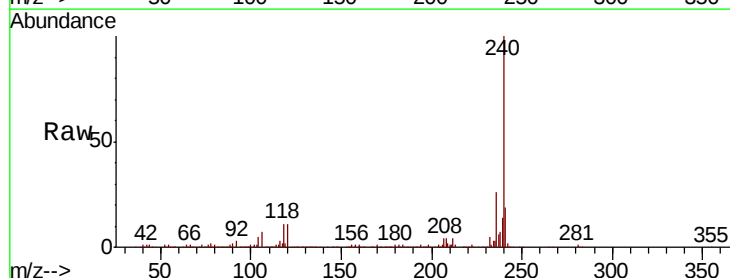


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

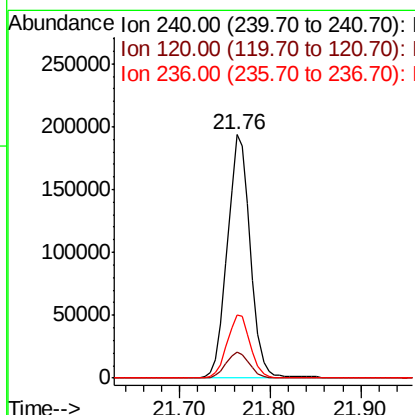
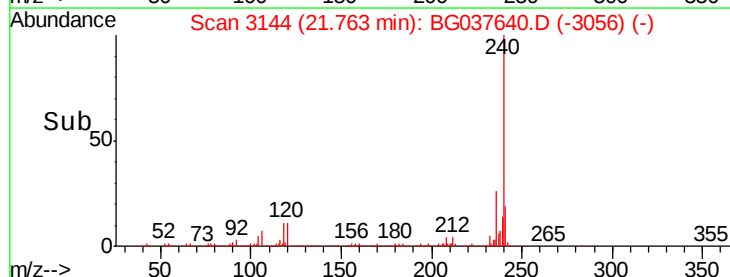


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037640.D
Acq: 30 Oct 2018 2:18

Tgt Ion:240 Resp: 341168
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.2 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: 75.115 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037640.D

Acq: 30 Oct 2018 2:18

Instrument :

BNA_G

ClientSampleId :

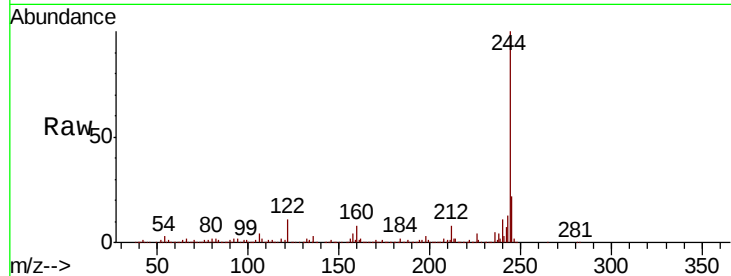
Tot Ion:244 Resp: 1199330

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

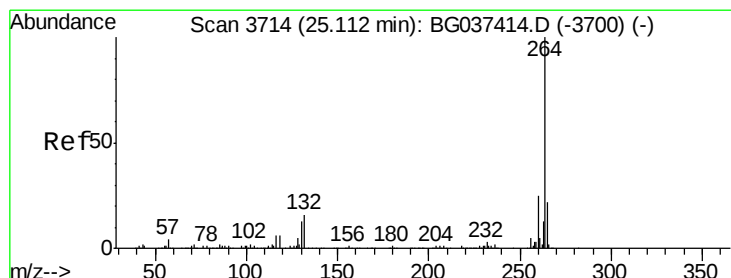
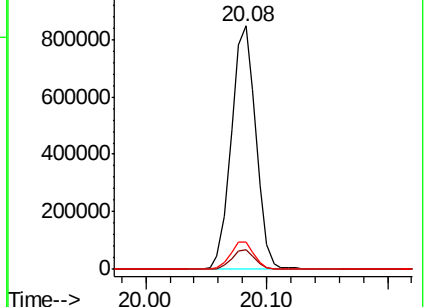
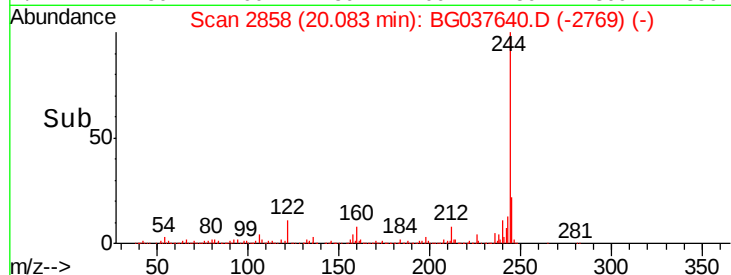
122 11.3 9.0 13.4



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: BG037640.D

Acq: 30 Oct 2018 2:18

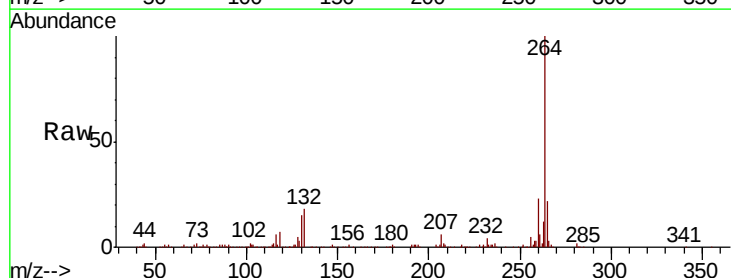
Tgt Ion:264 Resp: 336363

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 22.3 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

