

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037716.D
 Acq On : 1 Nov 2018 13:15
 Operator : JU/SJ
 Sample : J5731-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 14:20:37 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

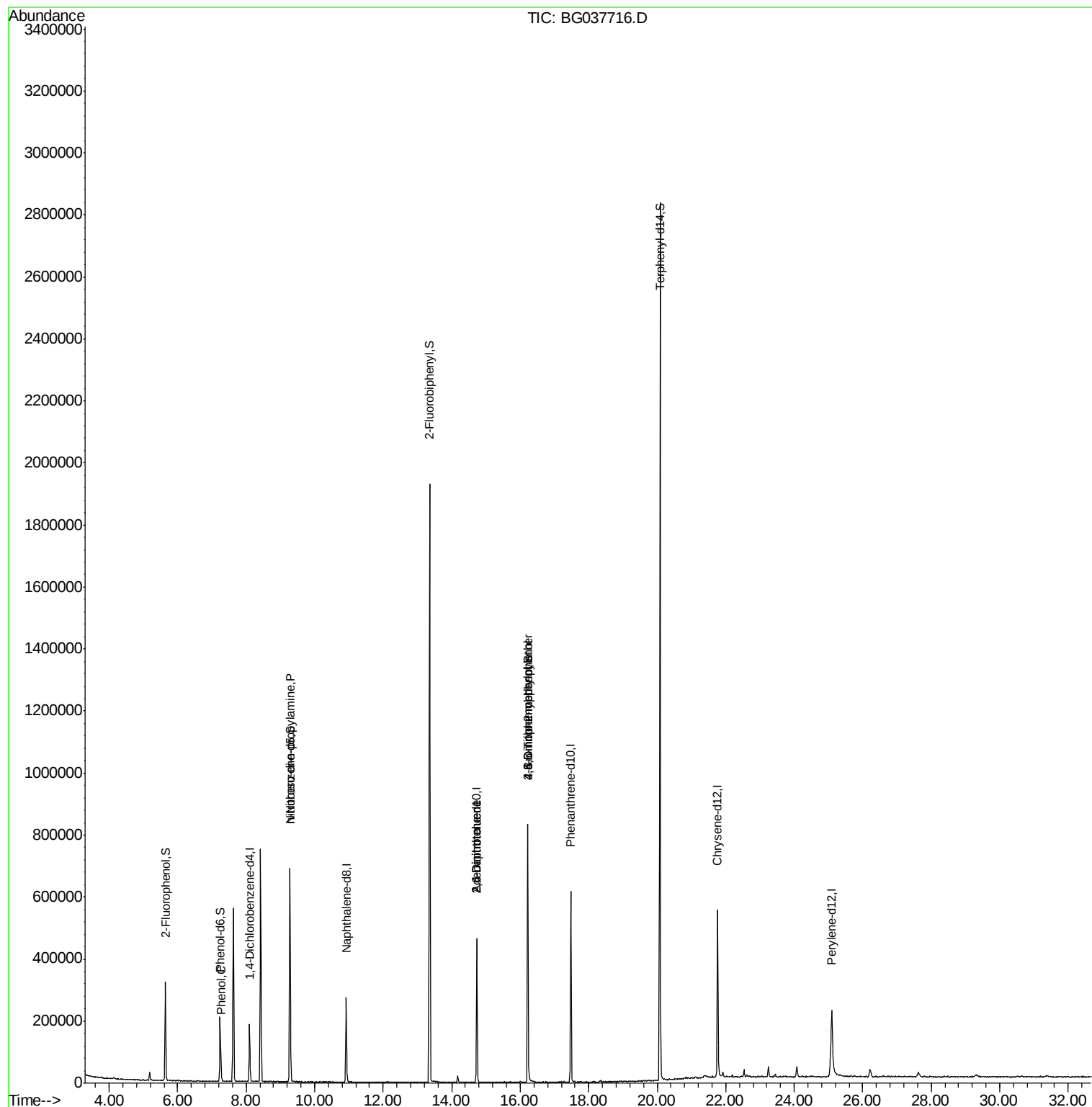
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56269	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	246851	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	168762	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	394062	20.00	ng	0.00
76) Chrysene-d12	21.76	240	353641	20.00	ng	-0.01
87) Perylene-d12	25.10	264	321861	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	145698	43.29	ng	0.00
7) Phenol-d6	7.24	99	135281	26.58	ng	-0.01
23) Nitrobenzene-d5	9.28	82	440951	100.07	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	160753	87.33	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1046901	93.54	ng	-0.01
79) Terphenyl-d14	20.08	244	1445801	87.36	ng	0.00
Target Compounds						
10) Phenol	7.27	94	19818	3.691	ng	96
19) n-Nitroso-di-n-propylamine	9.28	70	55583	15.860	ng	# 72
51) 2,6-Dinitrotoluene	14.74	165	21321	7.382	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	21321	5.624	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	424	8.676	ng	# 63
67) 4-Bromophenyl-phenylether	16.22	248	11553	2.670	ng	# 1

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

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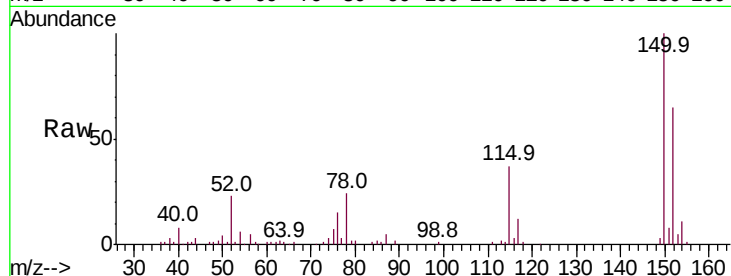


#1

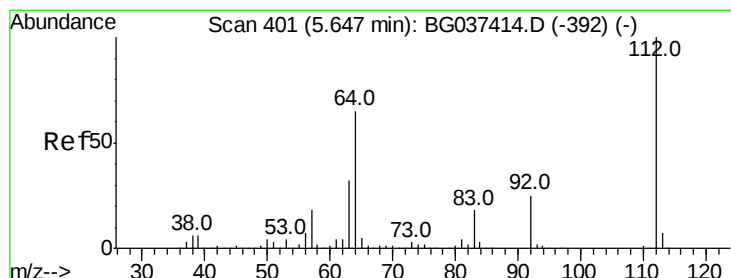
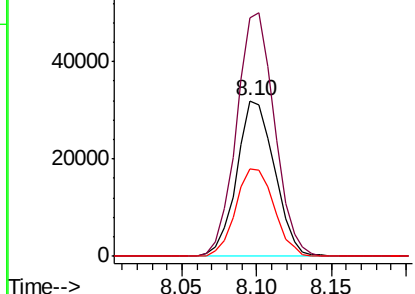
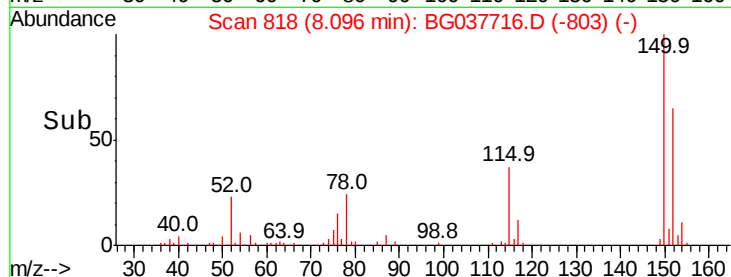
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037716.D
Acq: 1 Nov 2018 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56269
Ion Ratio Lower Upper
152 100
150 153.3 126.0 189.0
115 56.0 45.5 68.3



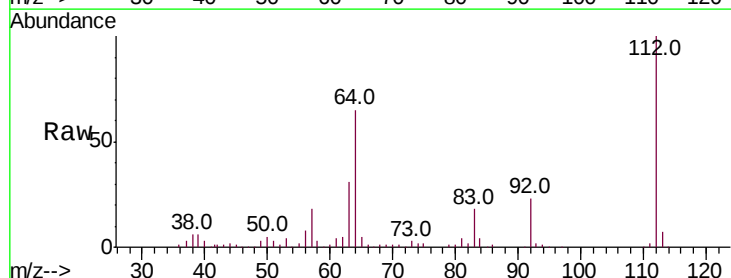
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



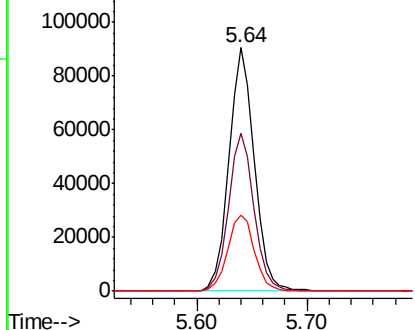
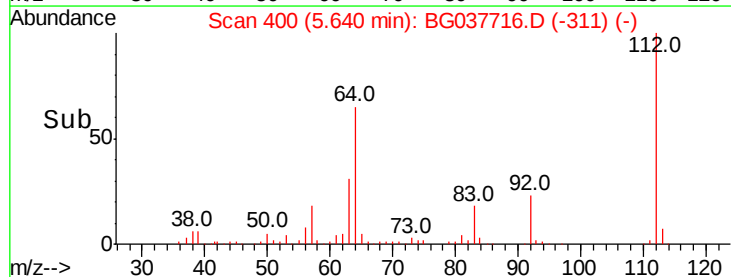
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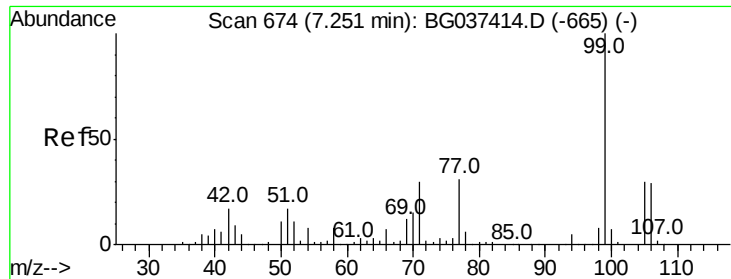
2-Fluorophenol
Concen: 43.289 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037716.D
Acq: 1 Nov 2018 13:15

Tgt Ion:112 Resp: 145698
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 31.0 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: 26.581 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037716.D

Acq: 1 Nov 2018 13:15

Instrument :

BNA_G

ClientSampled :

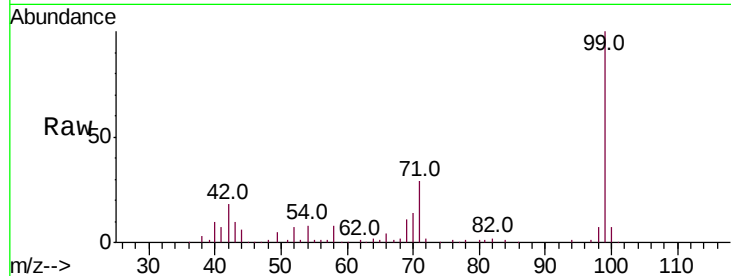
Tot Ion: 99 Resp: 135281

Ion Ratio Lower Upper

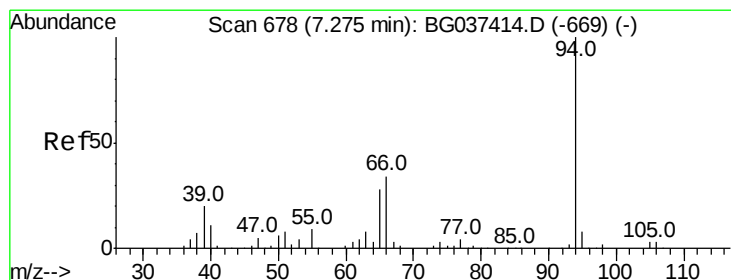
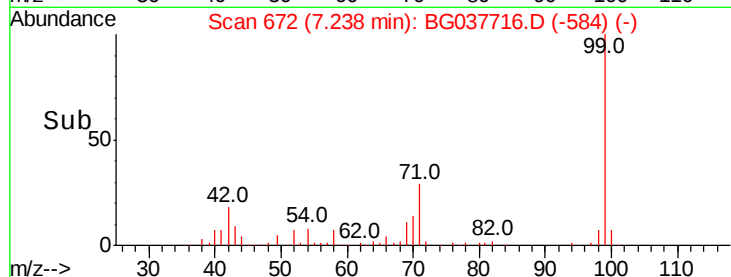
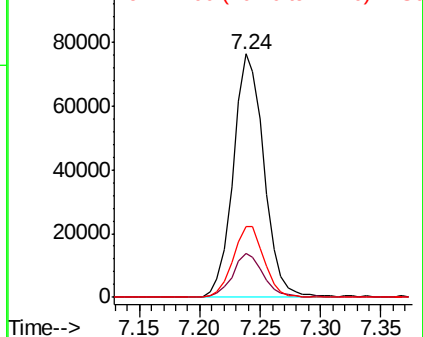
99 100

42 18.3 15.0 22.4

71 29.0 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: 3.691 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037716.D

Acq: 1 Nov 2018 13:15

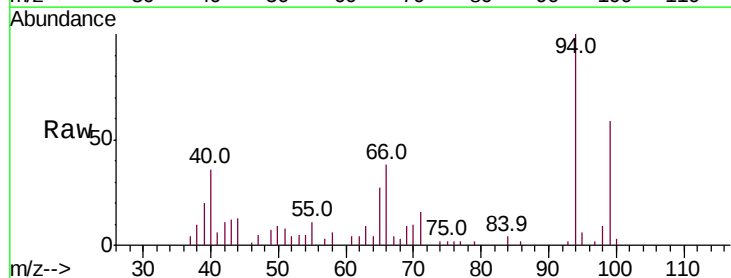
Tgt Ion: 94 Resp: 19818

Ion Ratio Lower Upper

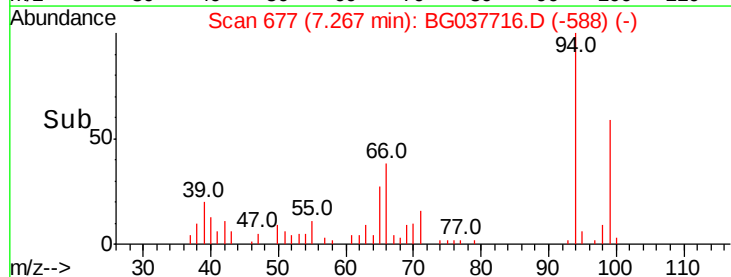
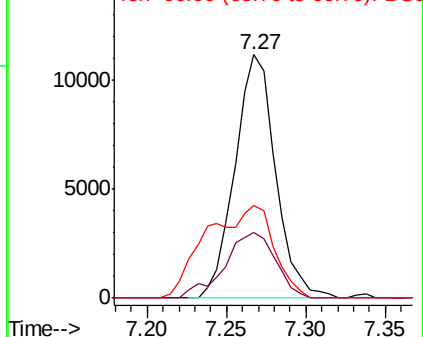
94 100

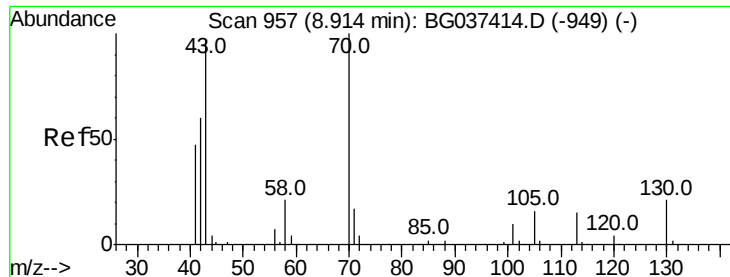
65 27.1 9.7 49.7

66 37.8 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

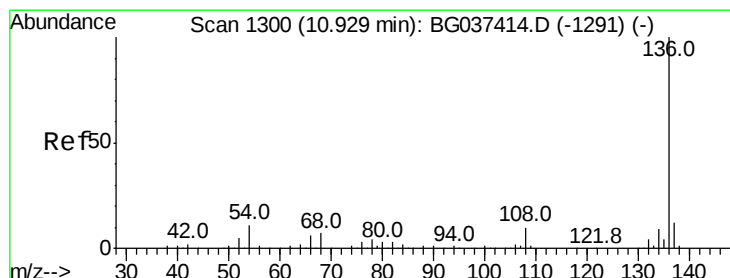
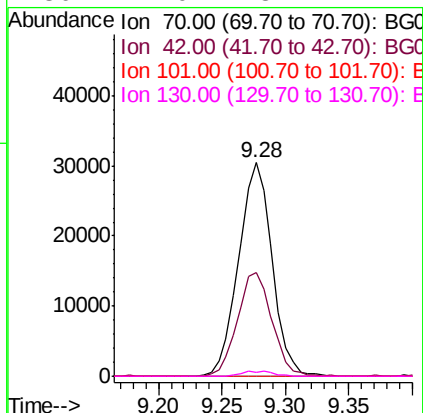
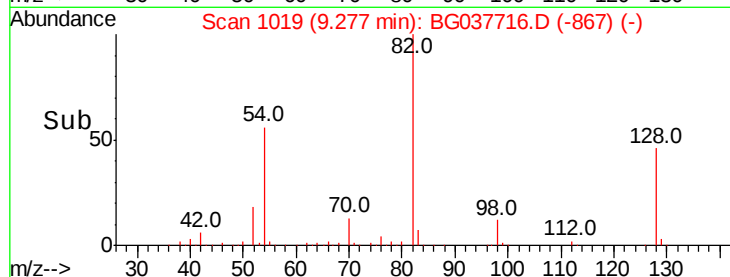
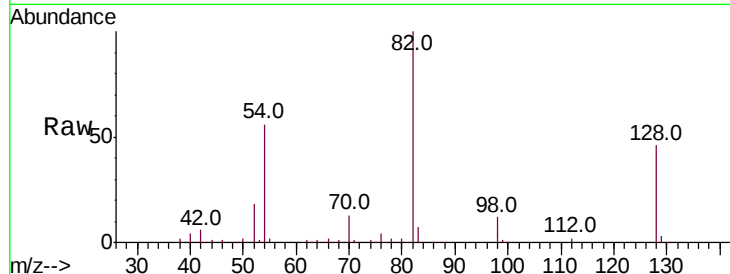




#19
n-Nitroso-di-n-propylamine
Concen: 15.860 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037716.D
Acq: 1 Nov 2018 13:15

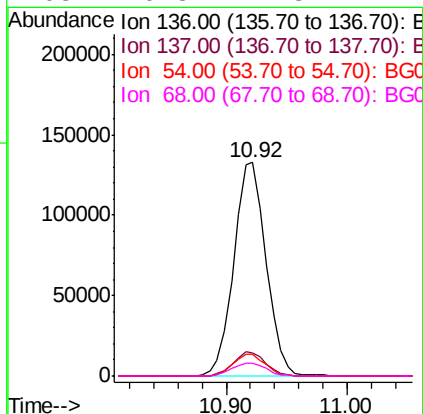
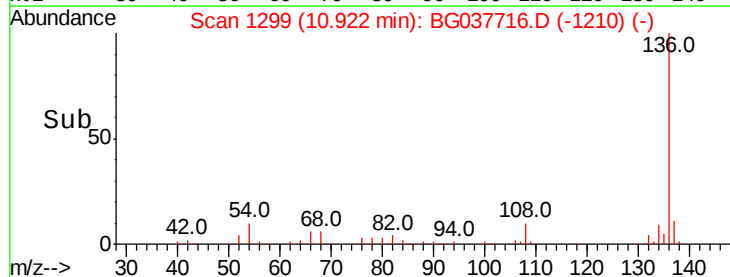
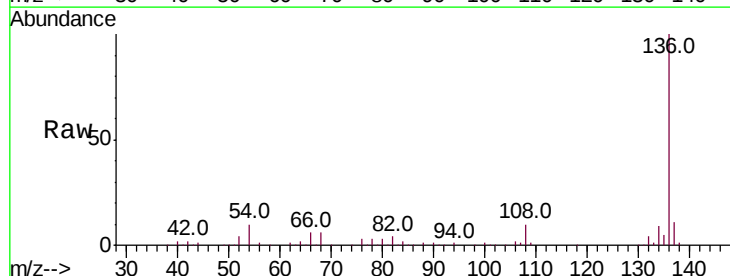
Instrument :
BNA_G
ClientSampleId :

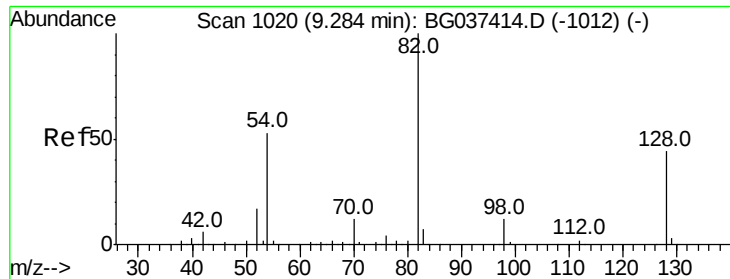
Tot Ion: 70 Resp: 55583
Ion Ratio Lower Upper
70 100
42 48.4 53.9 80.9#
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037716.D
Acq: 1 Nov 2018 13:15

Tgt Ion: 136 Resp: 246851
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 10.2 7.9 11.9
68 6.3 4.8 7.2

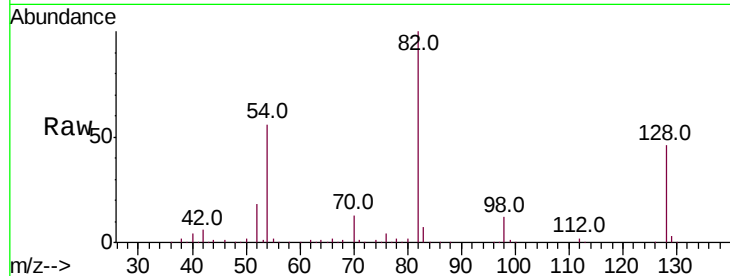




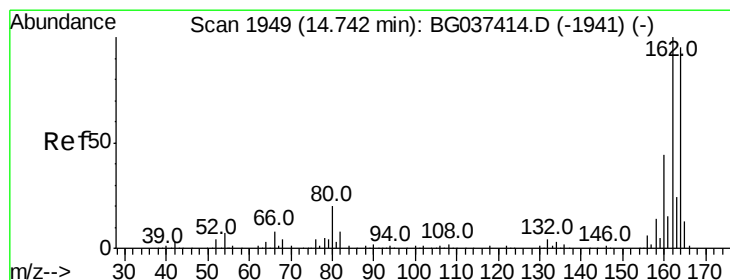
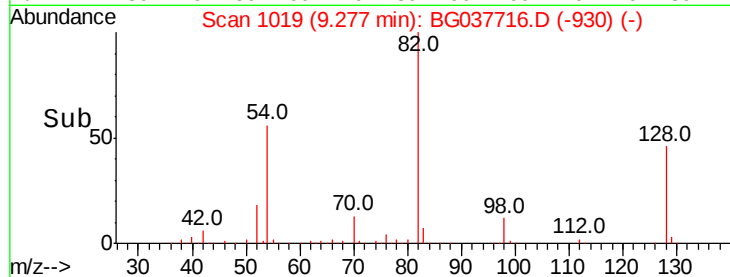
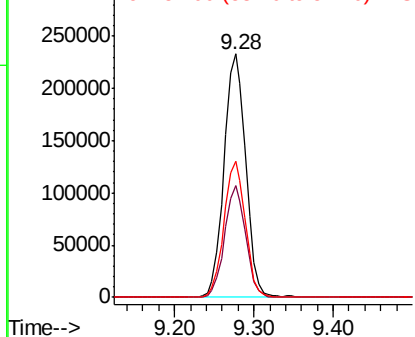
#23
 Nitrobenzene-d5
 Concen: 100.067 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037716.D
 Acq: 1 Nov 2018 13:15

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion: 82 Resp: 440951
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.6 51.8
 54 56.0 45.3 67.9

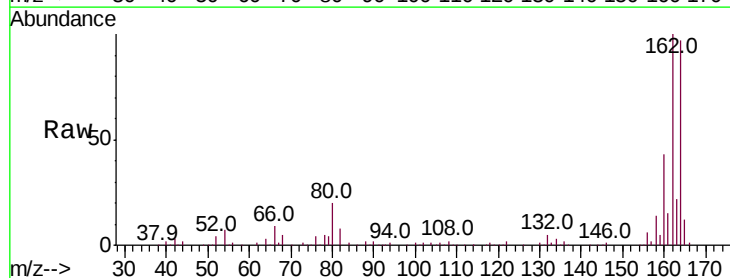


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

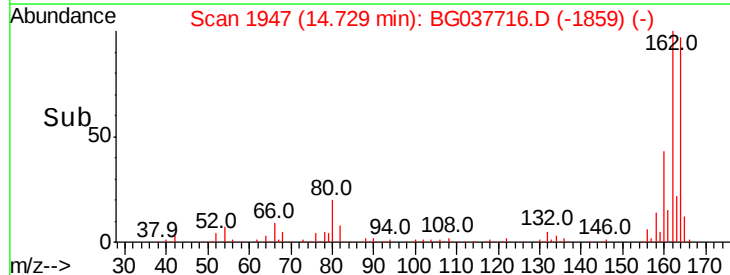
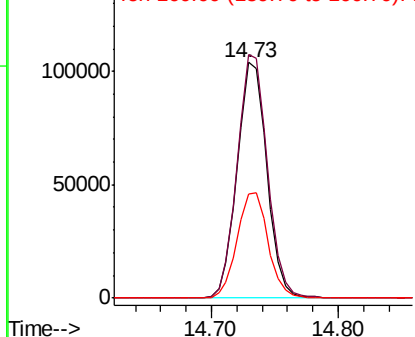


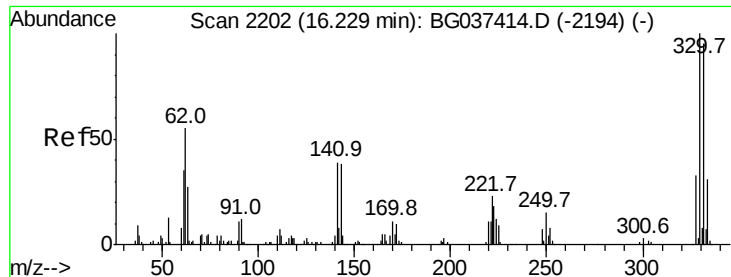
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037716.D
 Acq: 1 Nov 2018 13:15

Tgt Ion:164 Resp: 168762
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.3 121.9
 160 44.3 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

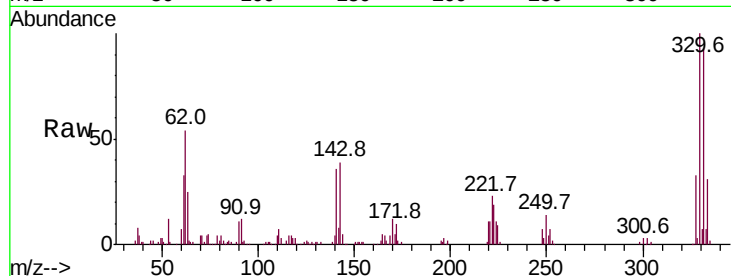




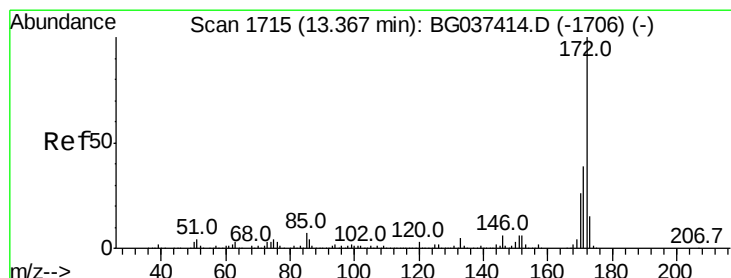
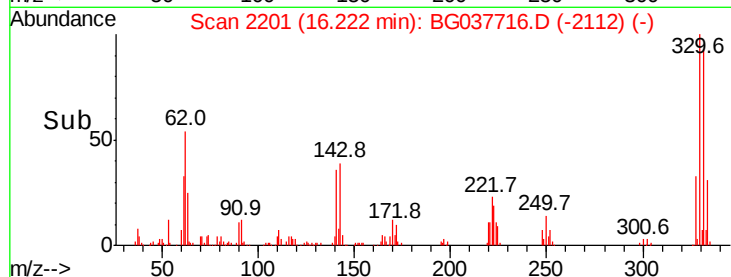
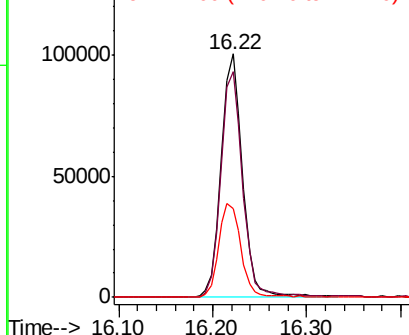
#42
 2,4,6-Tribromophenol
 Concen: 87.334 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037716.D
 Acq: 1 Nov 2018 13:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 160753
 Ion Ratio Lower Upper
 330 100
 332 93.7 78.4 117.6
 141 40.2 32.2 48.2

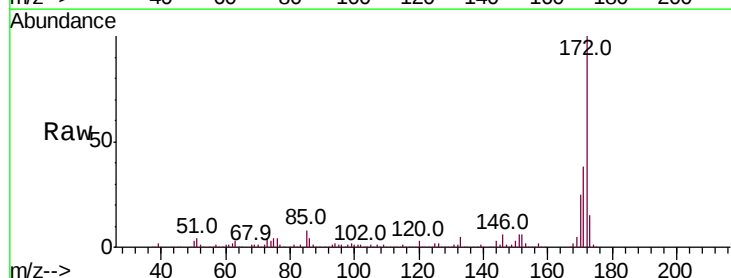


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

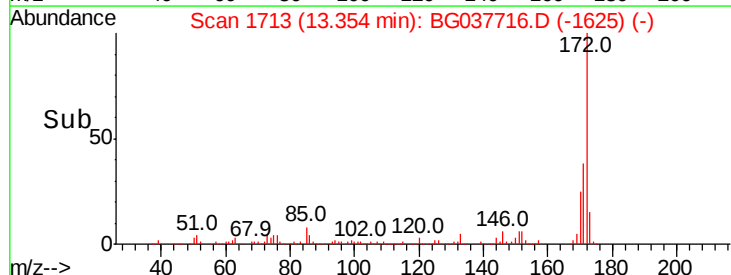
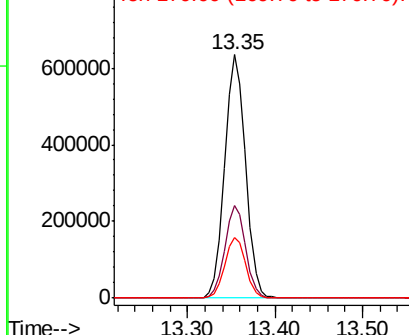


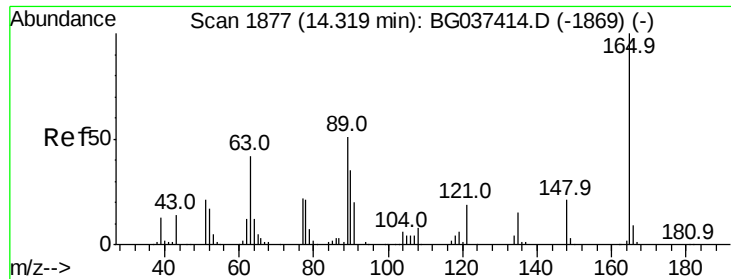
#45
 2-Fluorobiphenyl
 Concen: 93.544 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037716.D
 Acq: 1 Nov 2018 13:15

Tgt Ion:172 Resp: 1046901
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 25.1 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

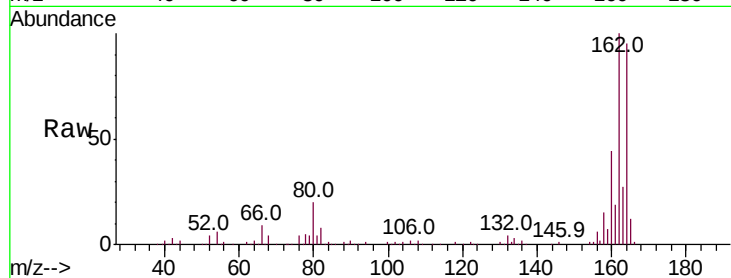




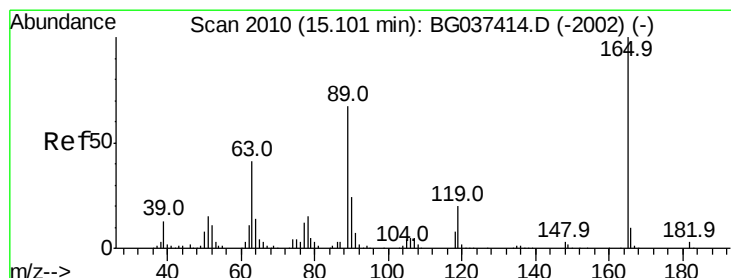
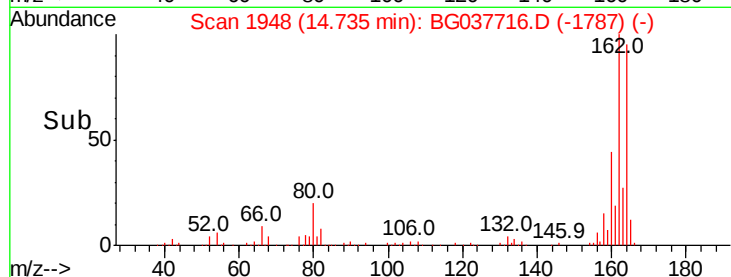
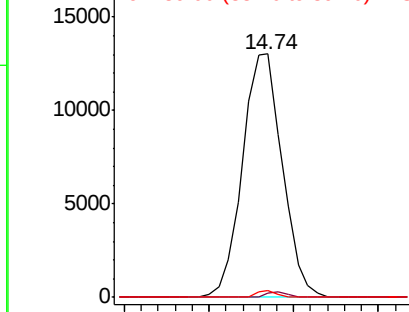
#51
 2,6-Dinitrotoluene
 Concen: 7.382 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037716.D
 Acq: 1 Nov 2018 13:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 21321
 Ion Ratio Lower Upper
 165 100
 63 1.7 43.4 65.2#
 89 2.6 45.8 68.6#

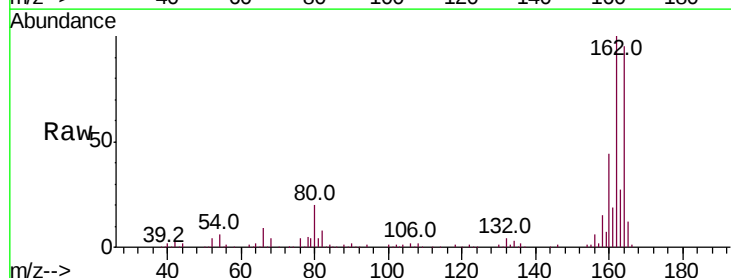


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

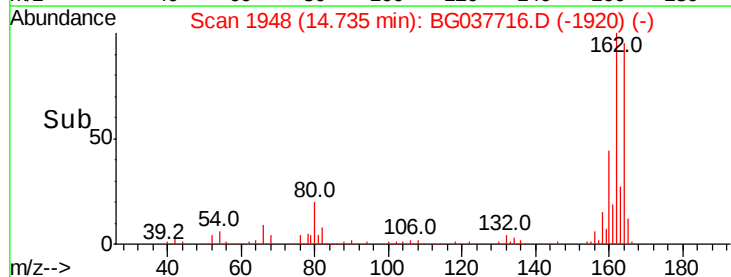
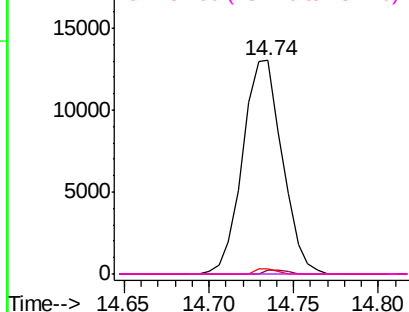


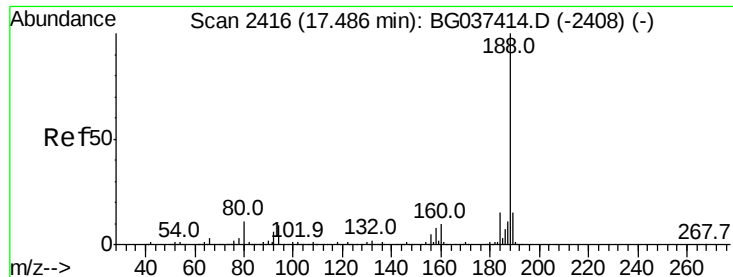
#57
 2,4-Dinitrotoluene
 Concen: 5.624 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037716.D
 Acq: 1 Nov 2018 13:15

Tgt Ion:165 Resp: 21321
 Ion Ratio Lower Upper
 165 100
 63 1.7 33.4 50.0#
 89 2.6 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

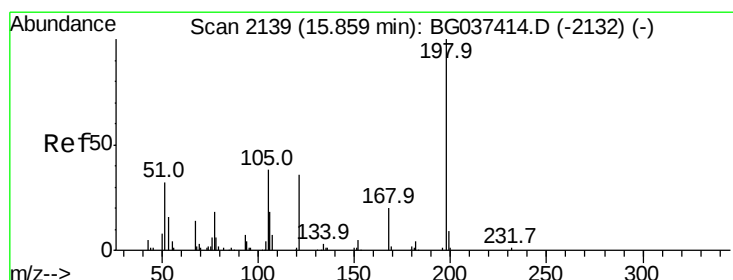
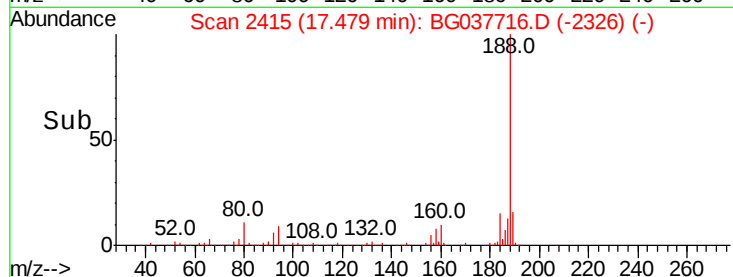
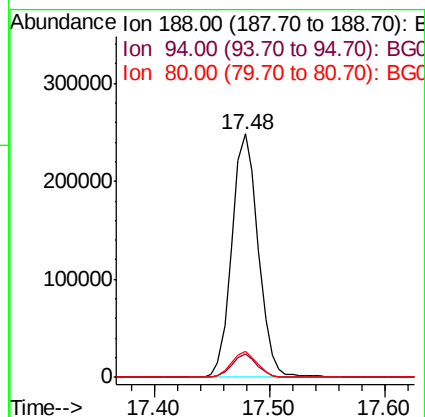
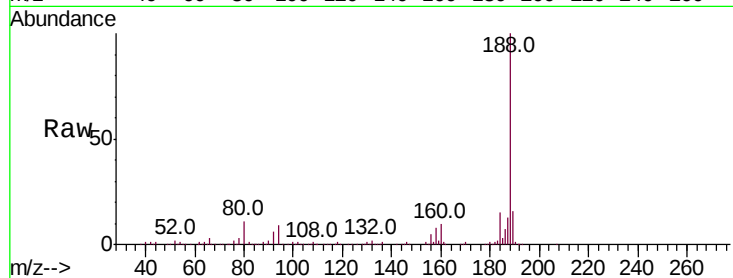




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037716.D
Acq: 1 Nov 2018 13:15

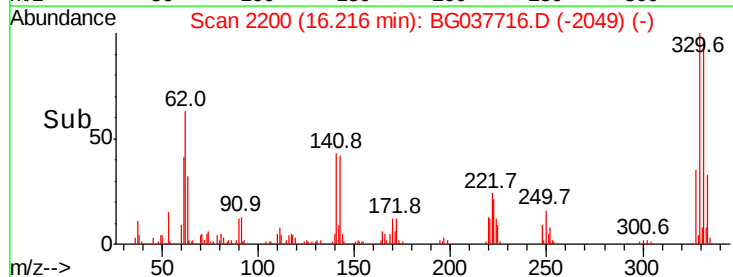
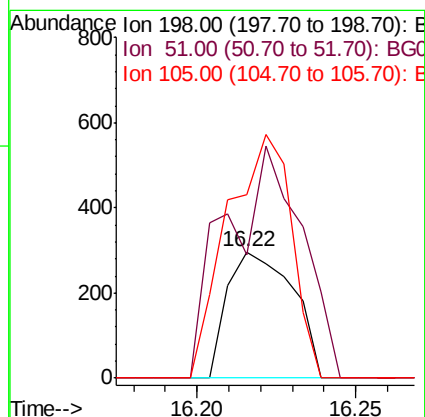
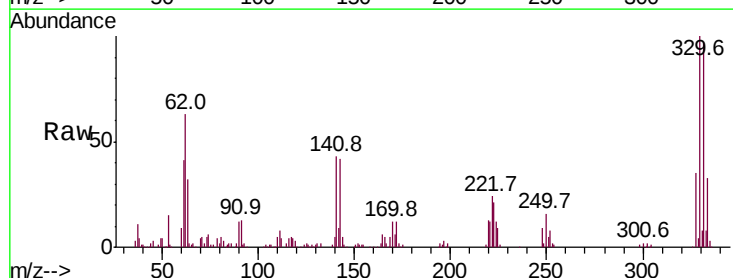
Instrument :
BNA_G
ClientSampleId :

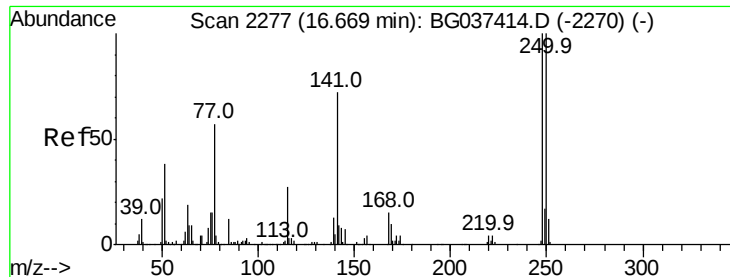
Tot Ion:188 Resp: 394062
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.6 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 8.676 ng
RT: 16.22 min Scan# 2200
Delta R.T. 0.36 min
Lab File: BG037716.D
Acq: 1 Nov 2018 13:15

Tgt Ion:198 Resp: 424
Ion Ratio Lower Upper
198 100
51 14.6 22.7 62.7#
105 21.7 19.7 59.7

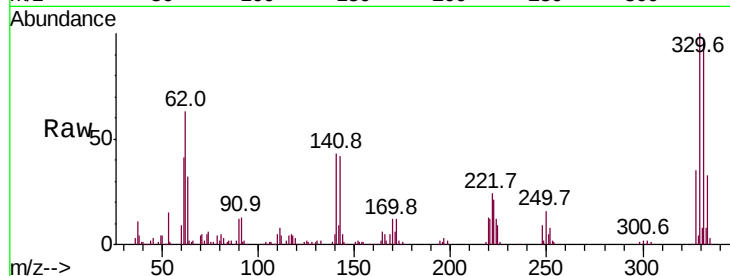




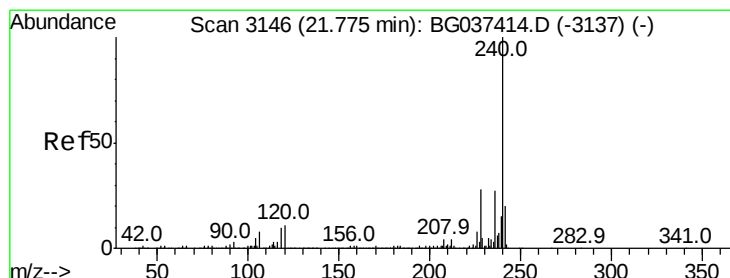
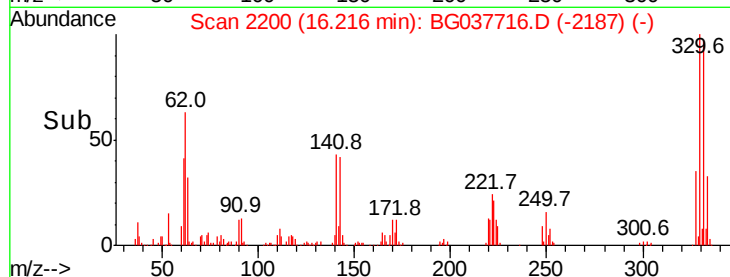
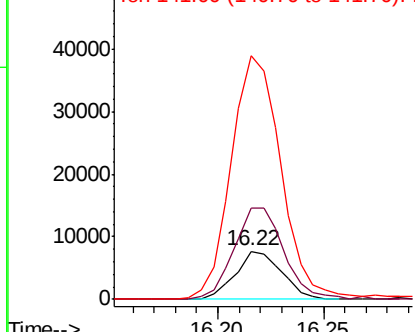
#67
4-Bromophenyl-phenylether
Concen: 2.670 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037716.D
Acq: 1 Nov 2018 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11553
Ion Ratio Lower Upper
248 100
250 197.7 77.0 115.6#
141 409.9 55.5 83.3#

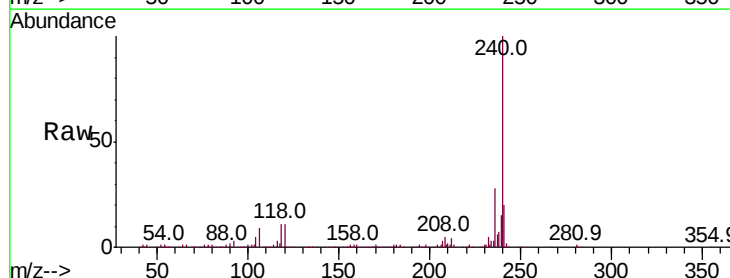


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

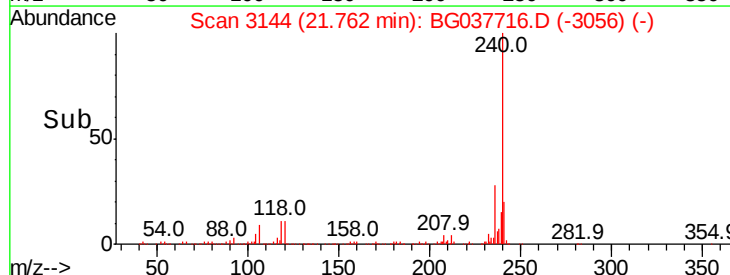
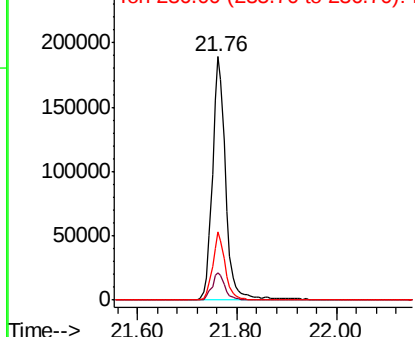


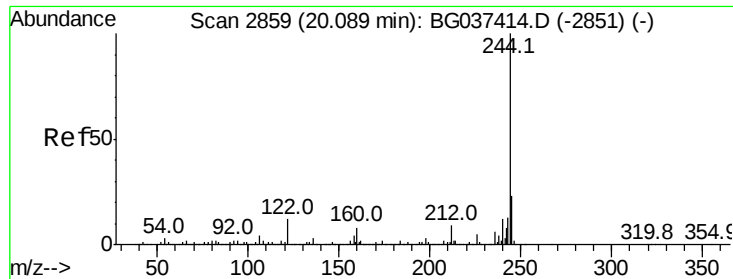
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037716.D
Acq: 1 Nov 2018 13:15

Tgt Ion:240 Resp: 353641
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 27.9 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: 87.358 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037716.D

Acq: 1 Nov 2018 13:15

Instrument :

BNA_G

ClientSampleId :

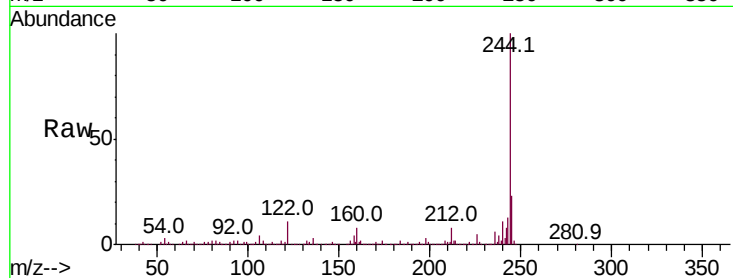
Tot Ion:244 Resp: 1445801

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

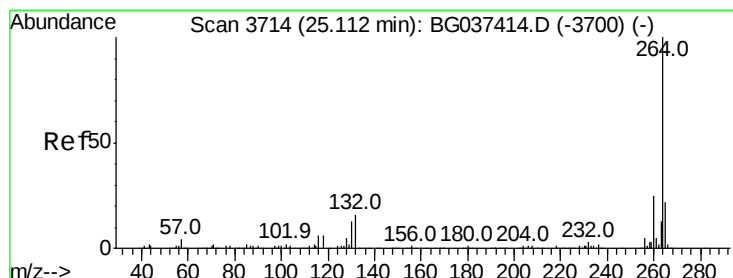
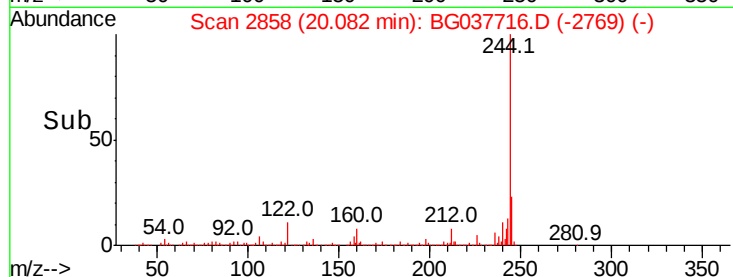
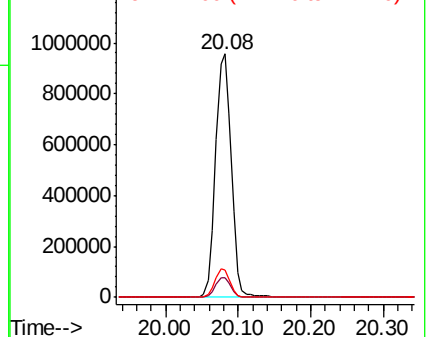
122 11.4 9.0 13.4



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: BG037716.D

Acq: 1 Nov 2018 13:15

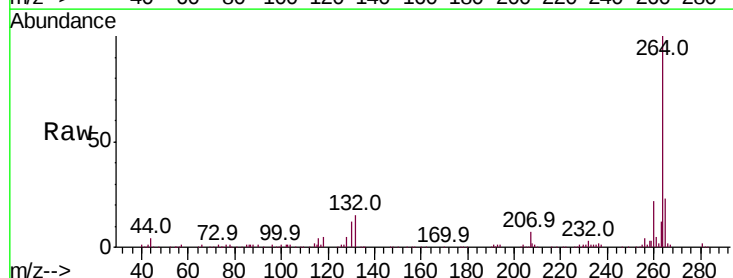
Tgt Ion:264 Resp: 321861

Ion Ratio Lower Upper

264 100

260 21.7 18.2 27.4

265 23.0 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

