

Data File : BG037793.D
Acq On : 3 Nov 2018 16:15
Operator : JU/SJ
Sample : PB114415BL
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Quant Time: Nov 05 03:58:47 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	8.09	152	59958	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	269516	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	178190	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	389995	20.00	ng	0.00
76) Chrysene-d12	21.76	240	343978	20.00	ng	-0.02
87) Perylene-d12	25.10	264	278200	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	445039	124.09	ng	0.00
7) Phenol-d6	7.24	99	646202	119.16	ng	0.00
23) Nitrobenzene-d5	9.27	82	383032	79.61	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	189056	97.28	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	975743	82.57	ng	-0.02
79) Terphenyl-d14	20.08	244	1354199	84.12	ng	0.00

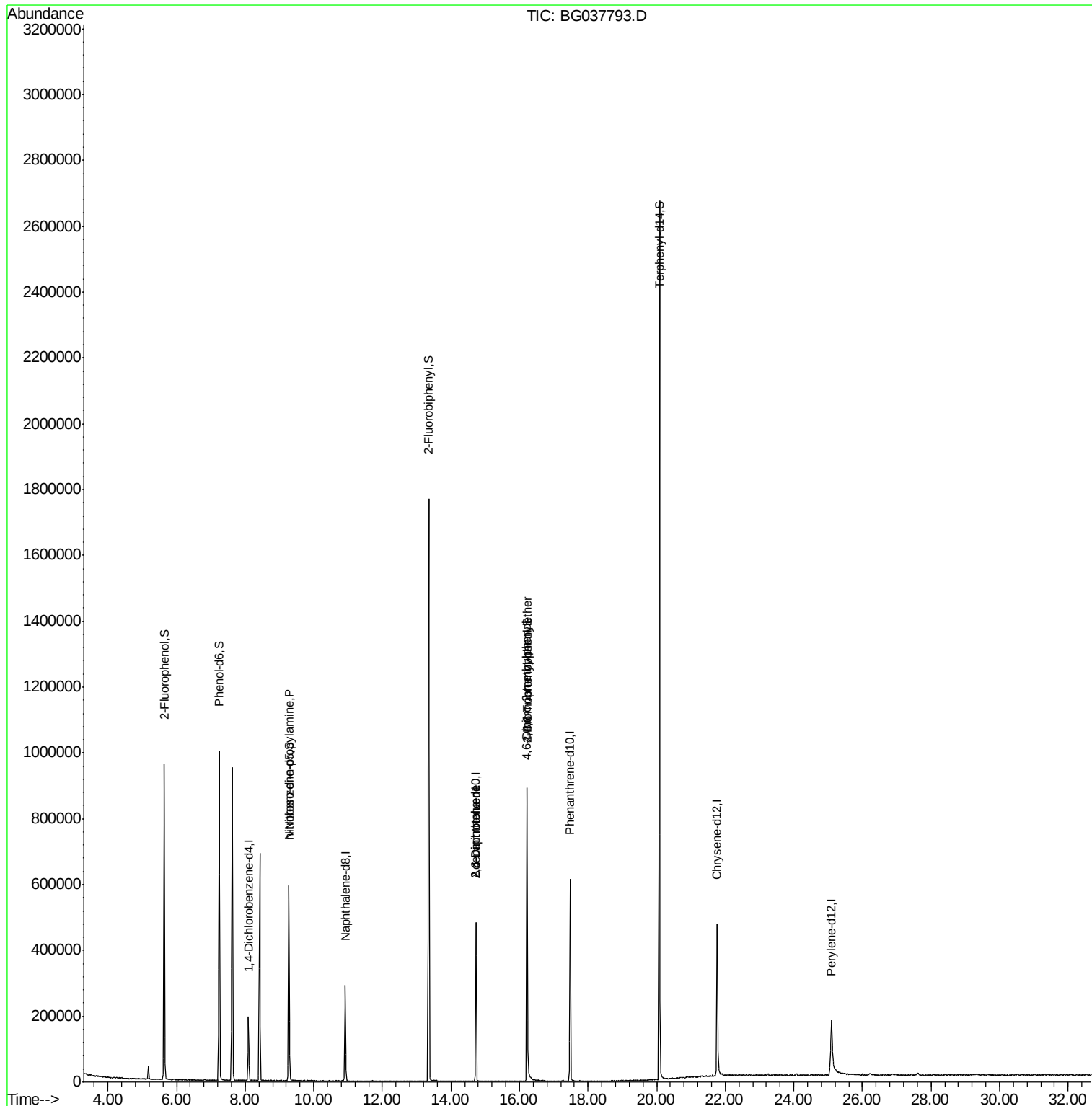
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.27	70	46988	12.583	ng	# 77
51) 2,6-Dinitrotoluene	14.73	165	22377	7.338	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	22377	5.590	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	111	8.552	ng	80
67) 4-Bromophenyl-phenylether	16.22	248	13654	3.188	ng	# 1

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

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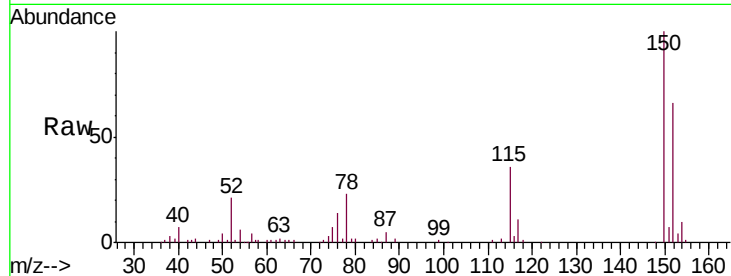




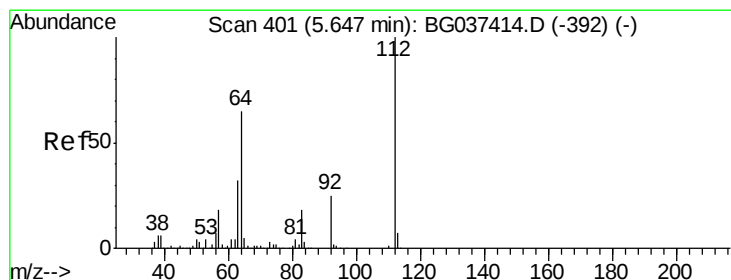
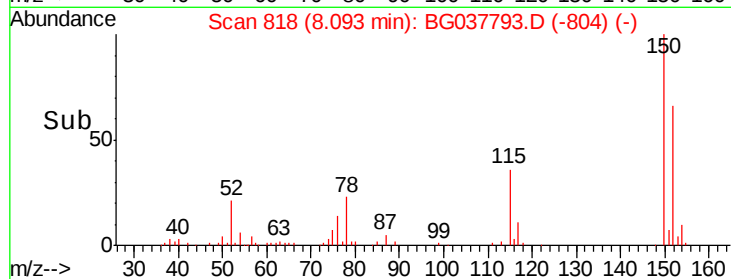
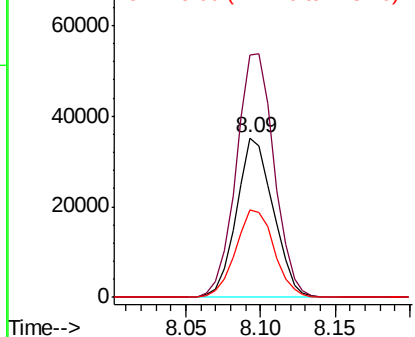
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BL

Tgt Ion:152 Resp: 59958
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.0 189.0
 115 54.7 45.5 68.3

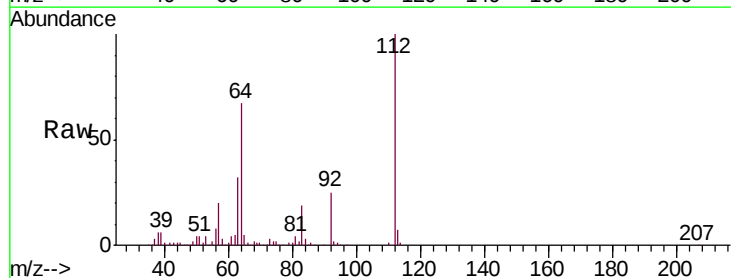


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

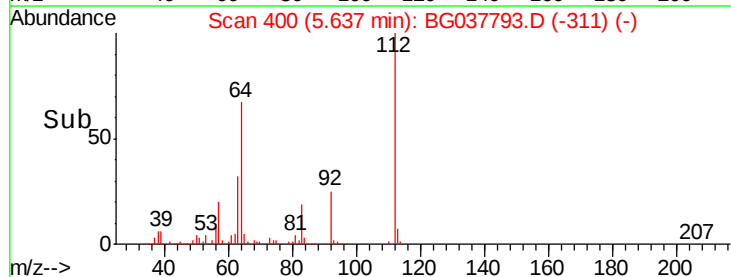
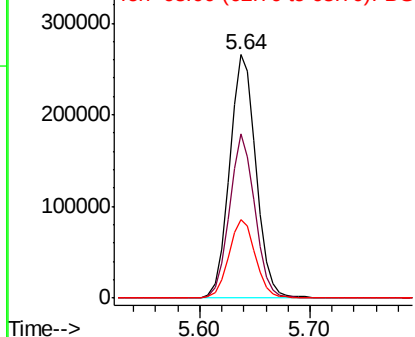


#5
 2-Fluorophenol
 Concen: 124.094 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Tgt Ion:112 Resp: 445039
 Ion Ratio Lower Upper
 112 100
 64 67.4 53.1 79.7
 63 32.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.160 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Instrument :

BNA_G

ClientSampleId :

PB114415BL

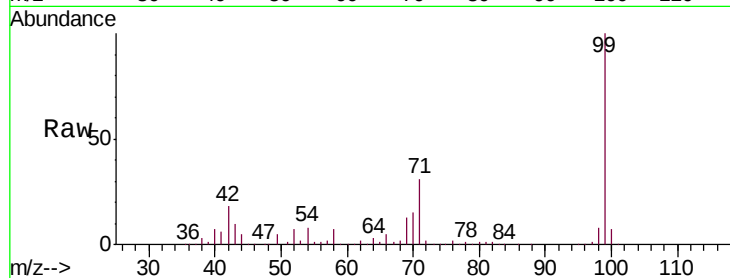
Tgt Ion: 99 Resp: 646202

Ion Ratio Lower Upper

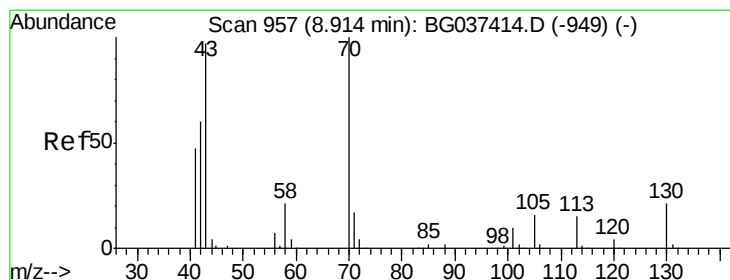
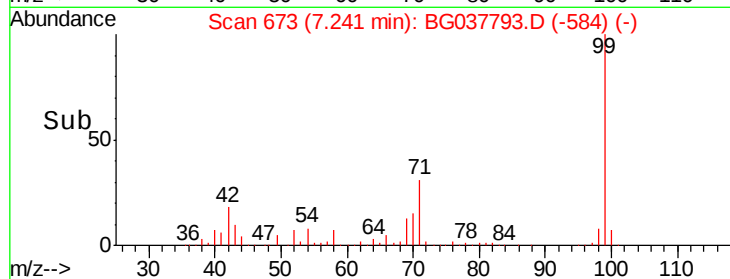
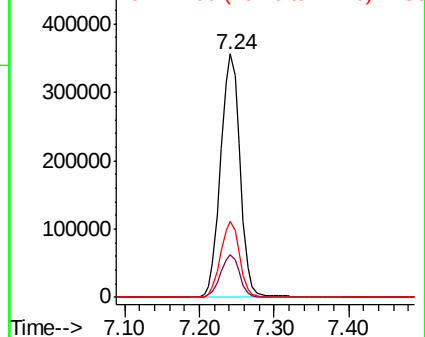
99 100

42 17.6 15.0 22.4

71 31.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.583 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Tgt Ion: 70 Resp: 46988

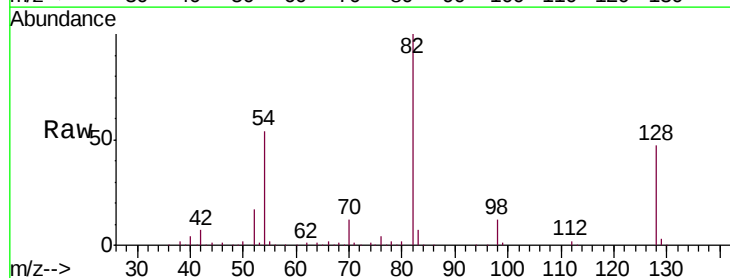
Ion Ratio Lower Upper

70 100

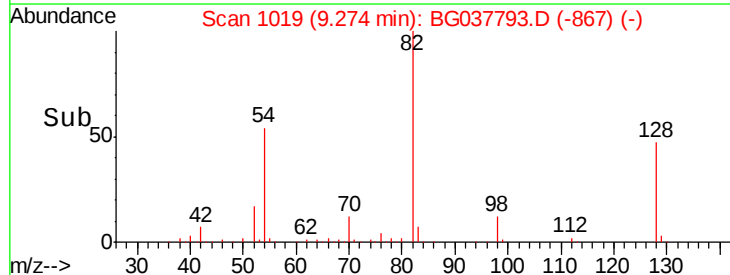
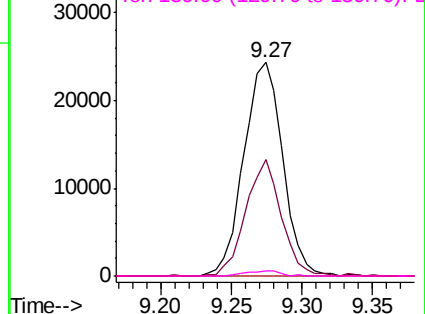
42 54.5 53.9 80.9

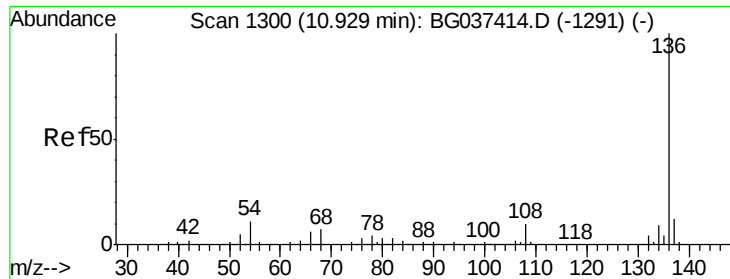
101 0.0 8.2 12.2#

130 2.4 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

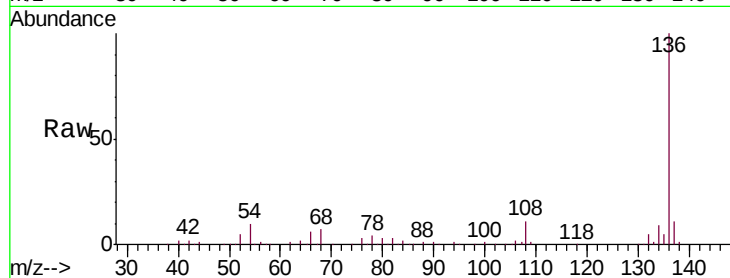




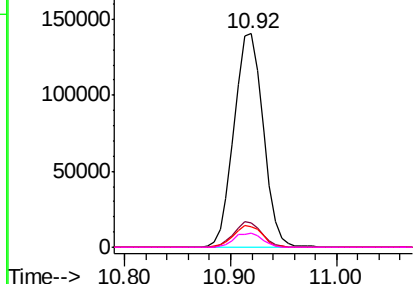
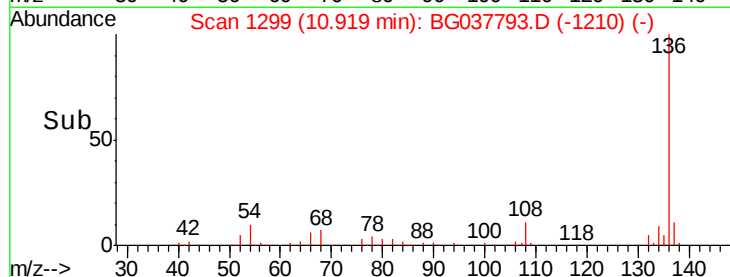
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037793.D
Acq: 3 Nov 2018 16:15

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Tgt Ion:	136	Resp:	269516
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.7	7.9	11.9
68	6.8	4.8	7.2

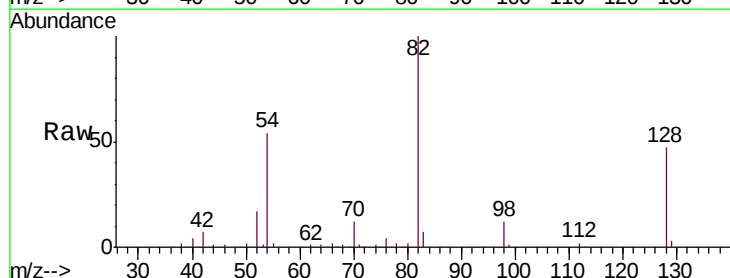


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

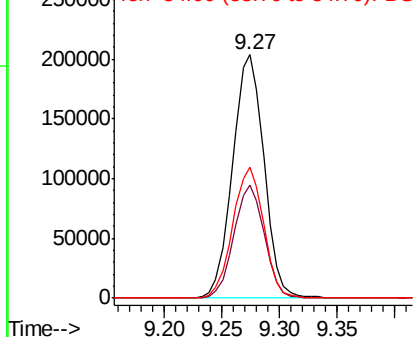
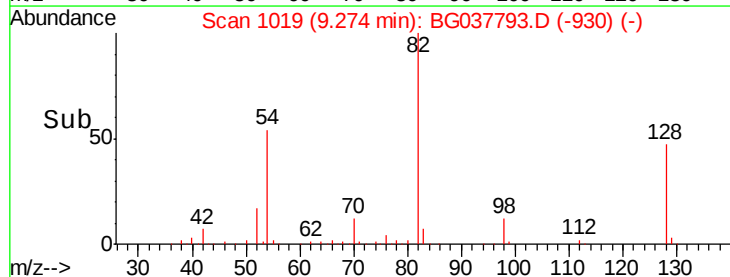


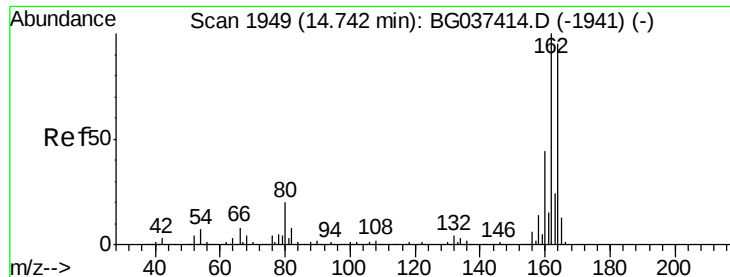
#23
Nitrobenzene-d5
Concen: 79.613 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037793.D
Acq: 3 Nov 2018 16:15

Tgt Ion:	82	Resp:	383032
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.6	51.8
54	54.0	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. -0.02 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Instrument :

BNA_G

ClientSampleId :

PB114415BL

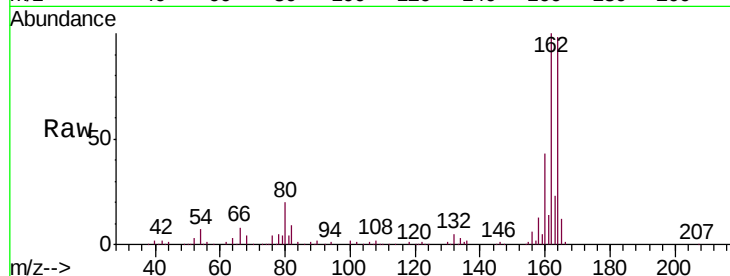
Tgt Ion:164 Resp: 178190

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

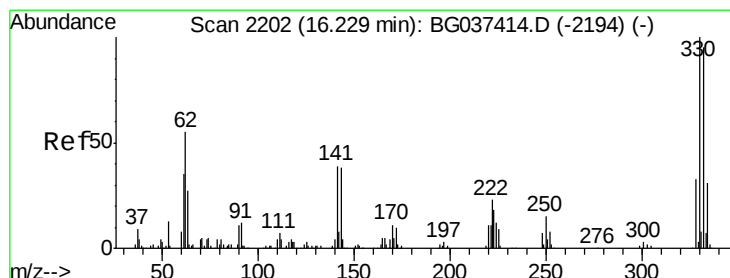
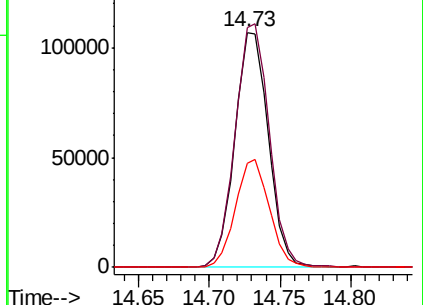
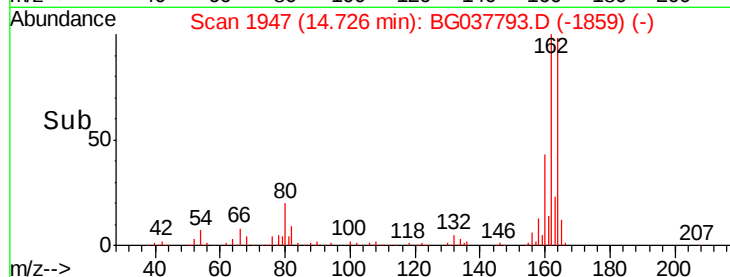
160 44.3 36.3 54.5



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: 97.276 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

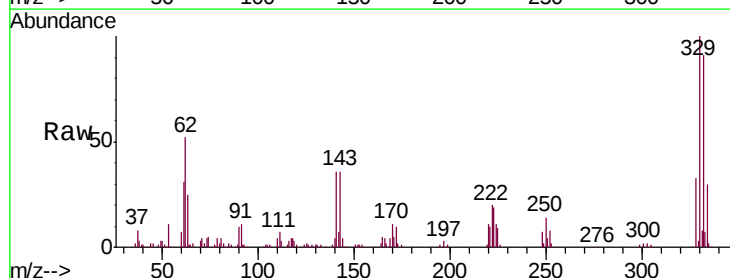
Tgt Ion:330 Resp: 189056

Ion Ratio Lower Upper

330 100

332 95.0 78.4 117.6

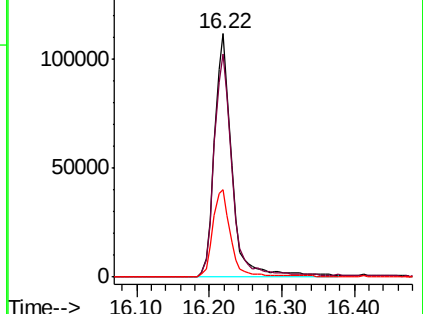
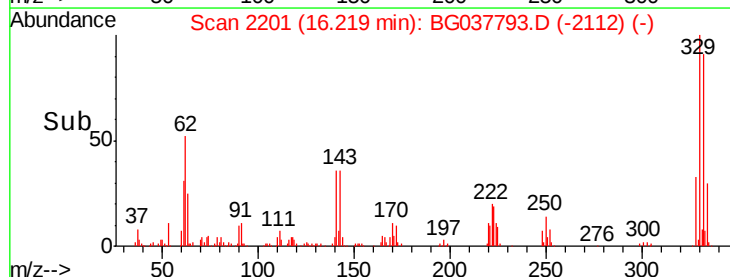
141 36.7 32.2 48.2



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

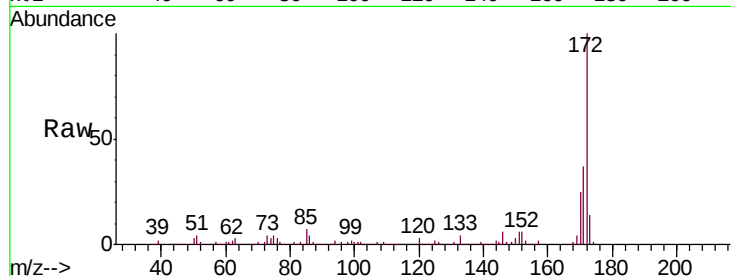




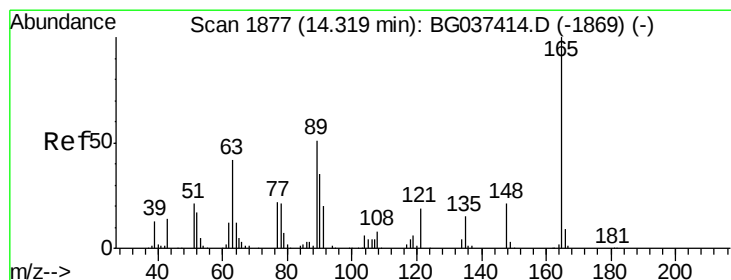
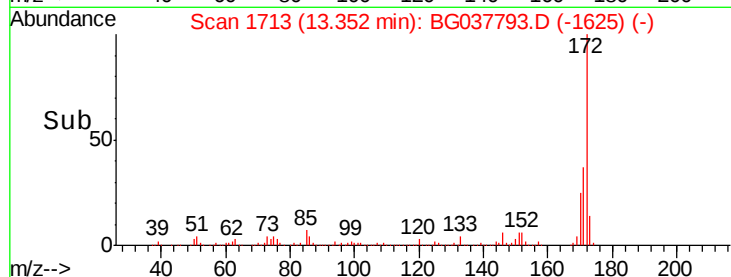
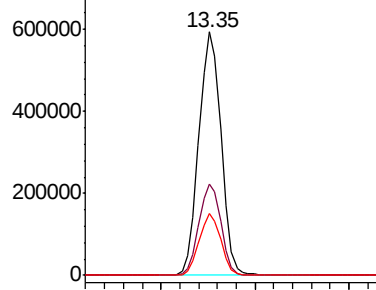
#45
 2-Fluorobiphenyl
 Concen: 82.573 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BL

Tgt Ion:172 Resp: 975743
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 25.4 20.2 30.2

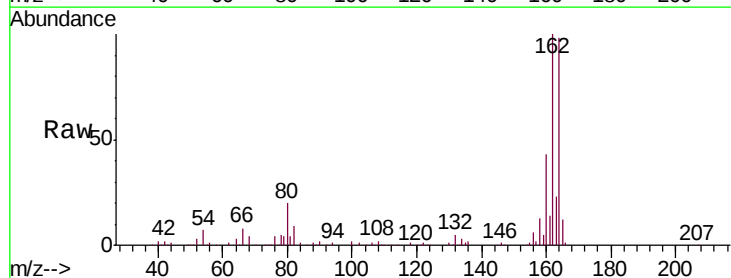


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

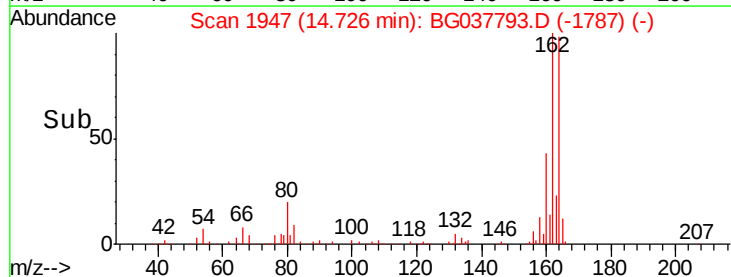
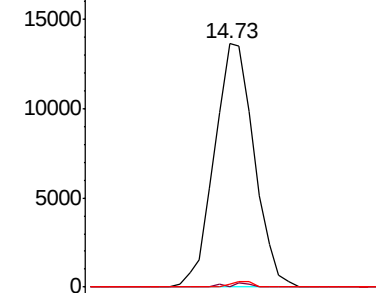


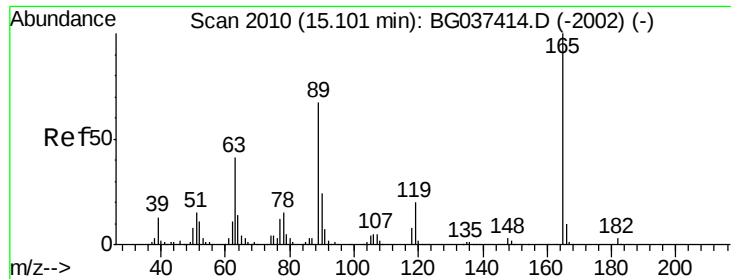
#51
 2,6-Dinitrotoluene
 Concen: 7.338 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Tgt Ion:165 Resp: 22377
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 1.2 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

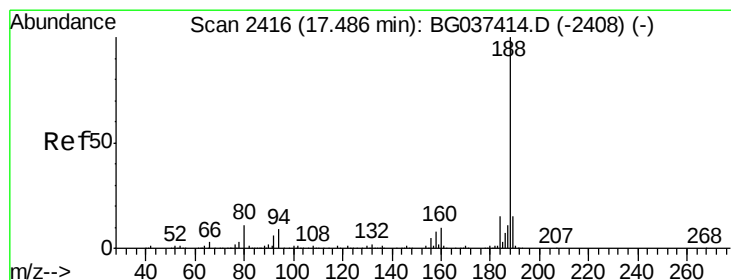
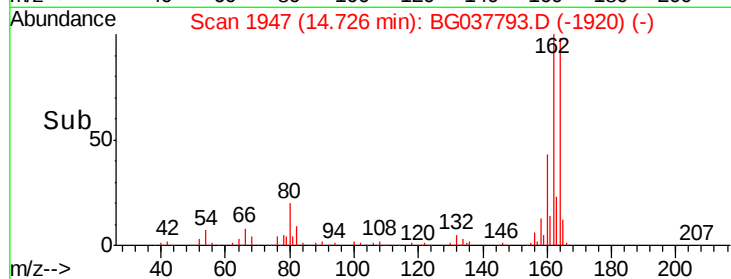
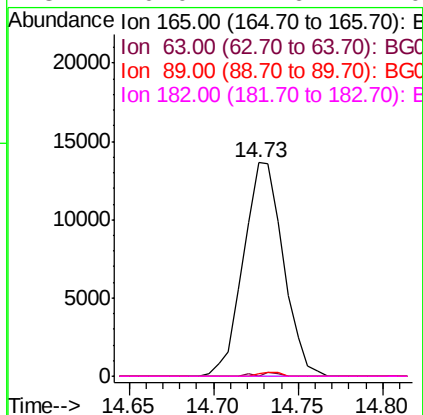
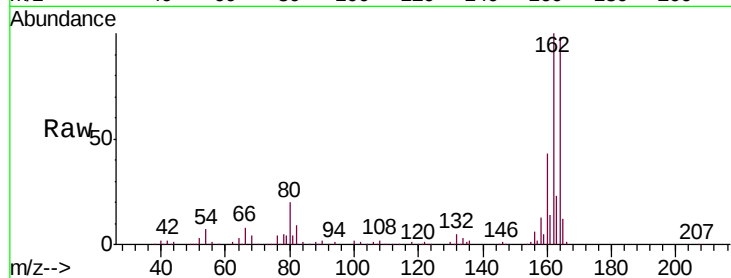




#57
 2,4-Dinitrotoluene
 Concen: 5.590 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

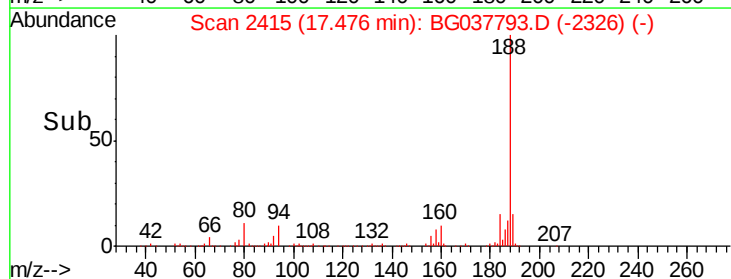
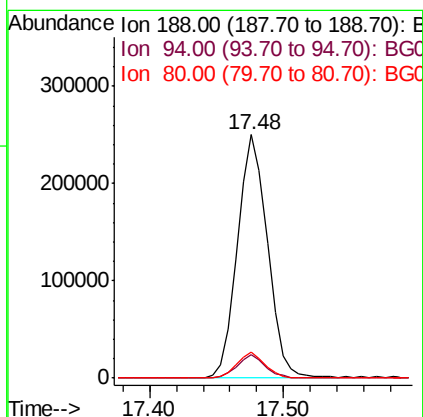
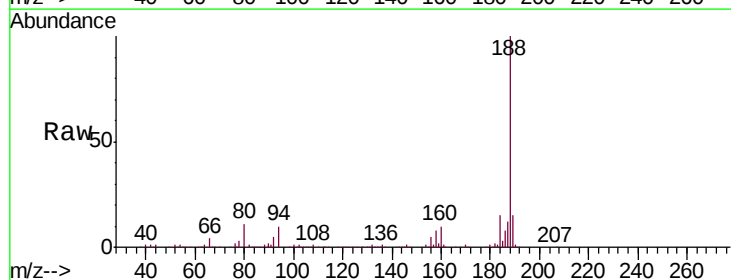
Instrument :
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Tgt Ion:	165	Resp:	22377
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Tgt Ion:	188	Resp:	389995
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.5	7.7	11.5

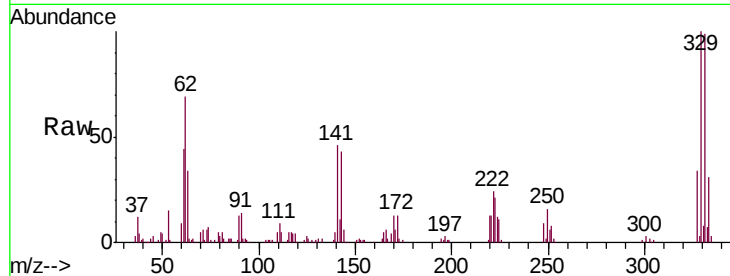




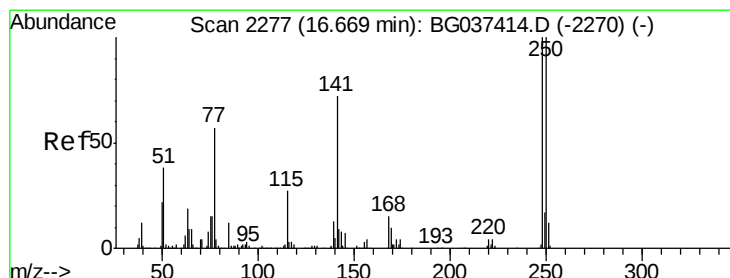
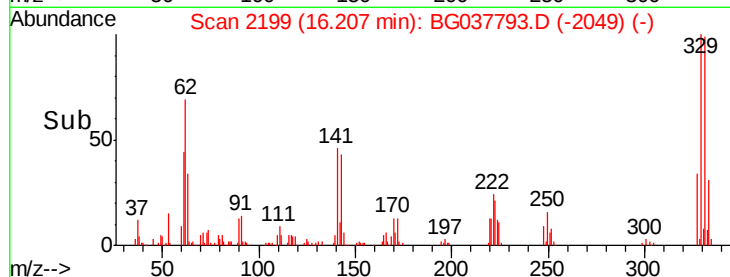
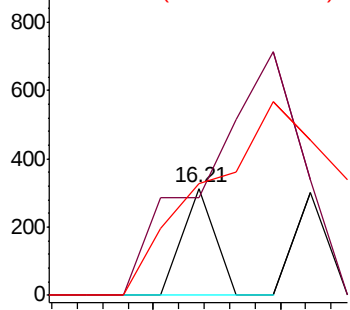
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.552 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB114415BL

Tgt Ion:198 Resp: 111
 Ion Ratio Lower Upper
 198 100
 51 26.7 22.7 62.7
 105 30.5 19.7 59.7

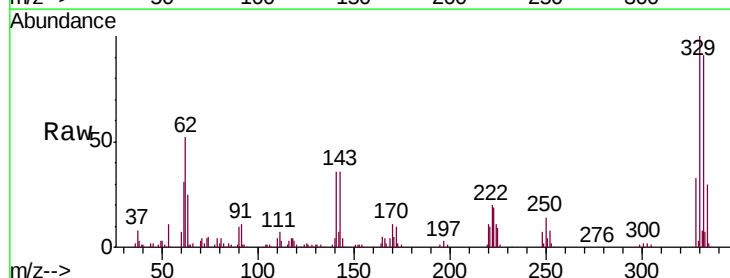


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

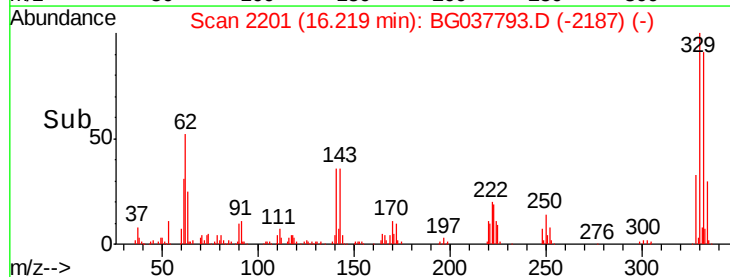
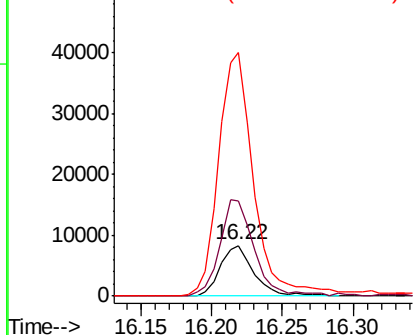


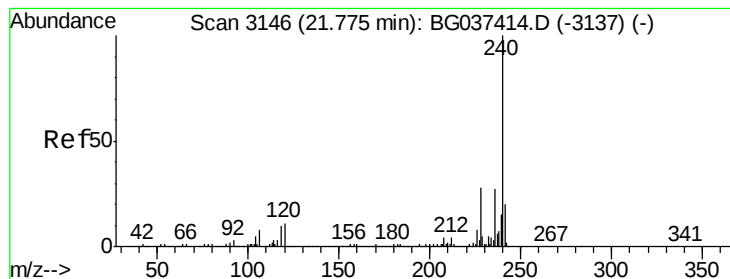
#67
 4-Bromophenyl-phenylether
 Concen: 3.188 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037793.D
 Acq: 3 Nov 2018 16:15

Tgt Ion:248 Resp: 13654
 Ion Ratio Lower Upper
 248 100
 250 180.8 77.0 115.6#
 141 365.2 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. -0.02 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

Instrument :

BNA_G

ClientSampleId :

PB114415BL

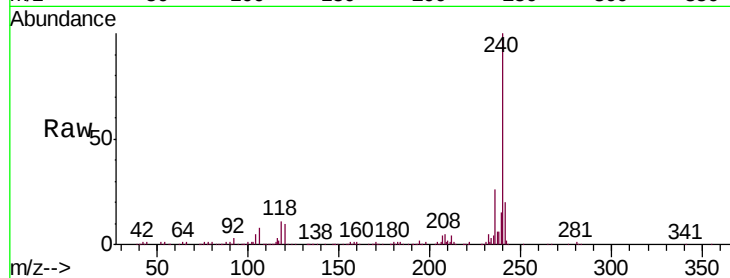
Tgt Ion:240 Resp: 343978

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

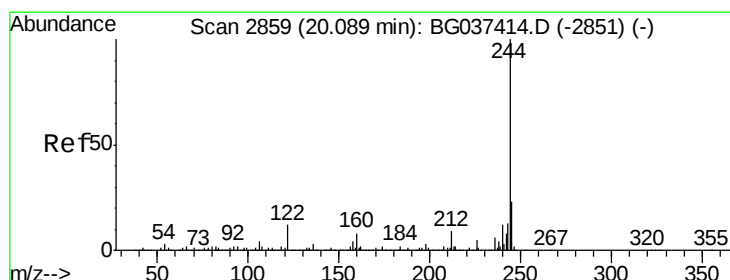
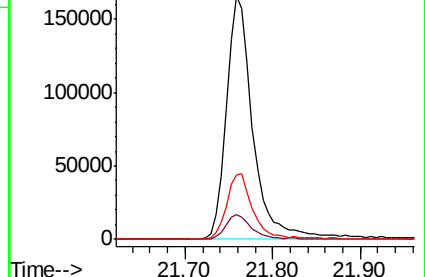
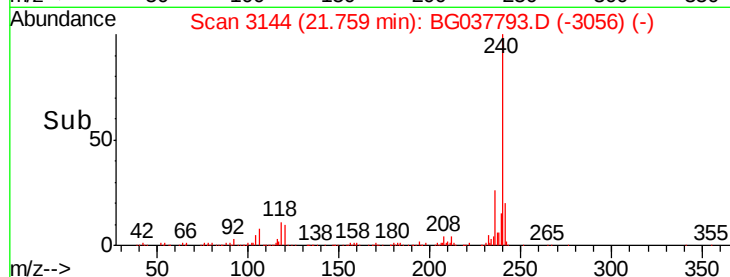
236 26.3 21.4 32.0



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: 84.122 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037793.D

Acq: 3 Nov 2018 16:15

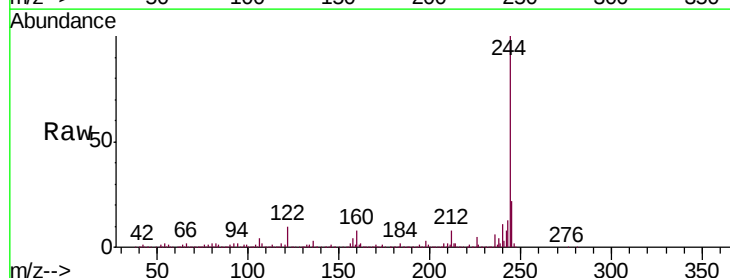
Tgt Ion:244 Resp: 1354199

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

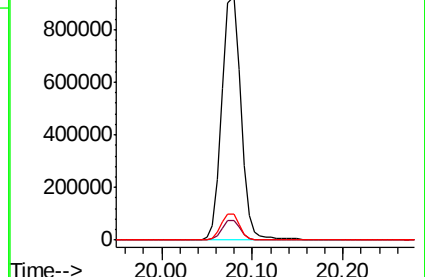
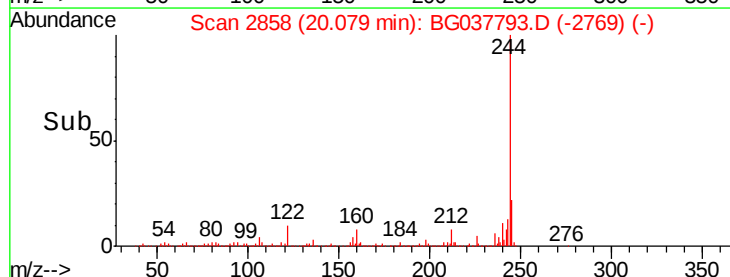
122 10.5 9.0 13.4

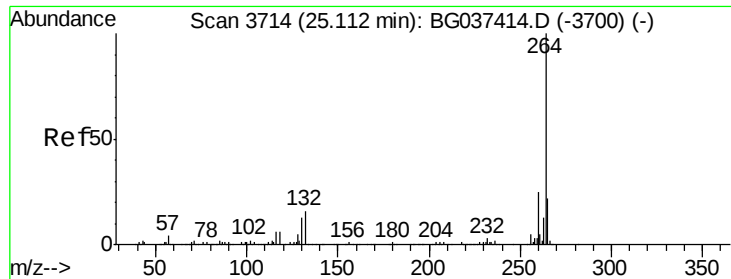


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037793.D
Acq: 3 Nov 2018 16:15

Instrument :
BNA_G
ClientSampleId :
PB114415BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	21.6	17.9	26.9

