

Data File : BG037794.D
Acq On : 3 Nov 2018 16:54
Operator : JU/SJ
Sample : PB114440TB
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Quant Time: Nov 05 03:59:05 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

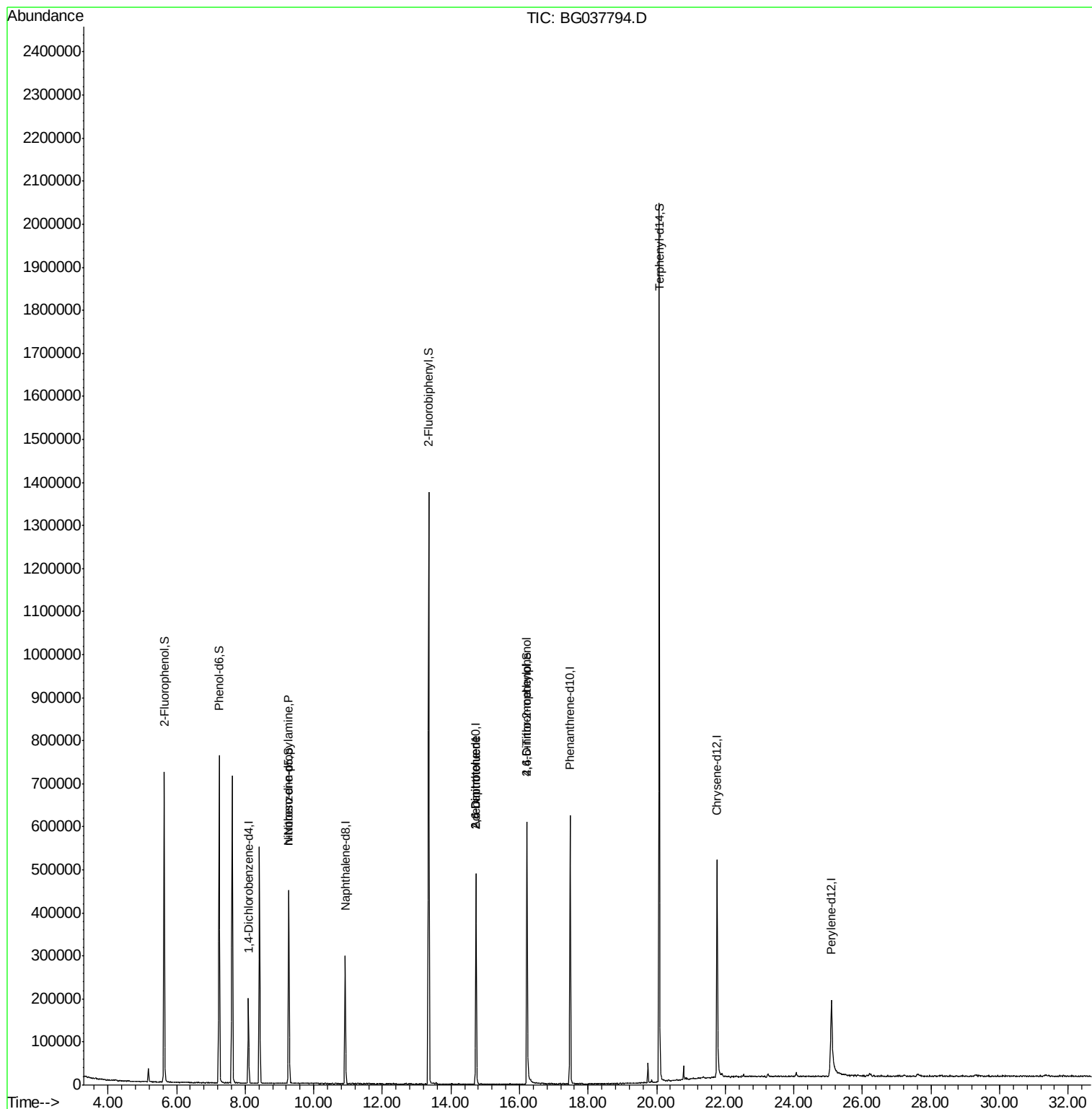
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	62763	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	277721	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	180641	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	401181	20.00	ng	0.00
76) Chrysene-d12	21.76	240	357591	20.00	ng	-0.01
87) Perylene-d12	25.10	264	293207	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	337832	89.99	ng	0.00
7) Phenol-d6	7.24	99	492536	86.77	ng	0.00
23) Nitrobenzene-d5	9.27	82	288974	58.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	127997	64.97	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	748829	62.51	ng	-0.01
79) Terphenyl-d14	20.07	244	1050259	62.76	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	36856	9.428	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	23235	7.516	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	23235	5.726	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	593	8.739	ng	83

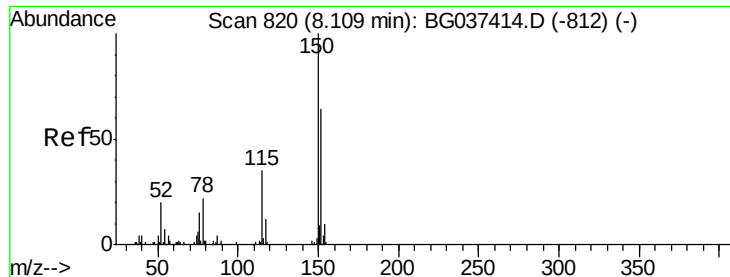
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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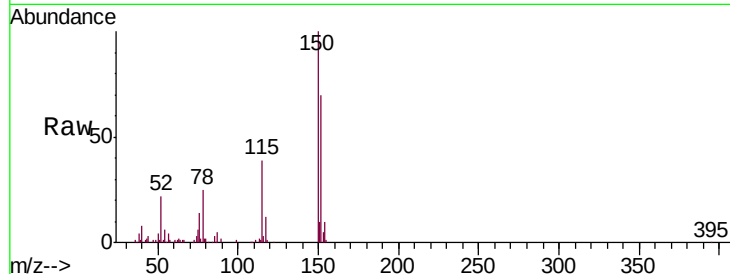


#1

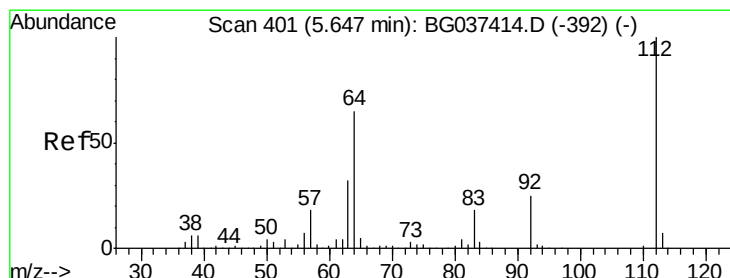
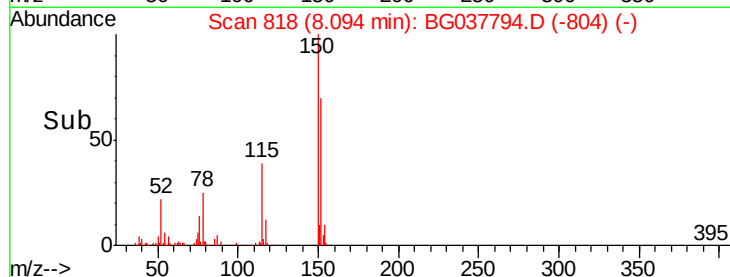
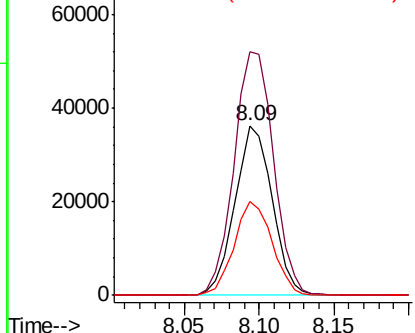
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tgt Ion:152 Resp: 62763
Ion Ratio Lower Upper
152 100
150 143.4 126.0 189.0
115 55.5 45.5 68.3



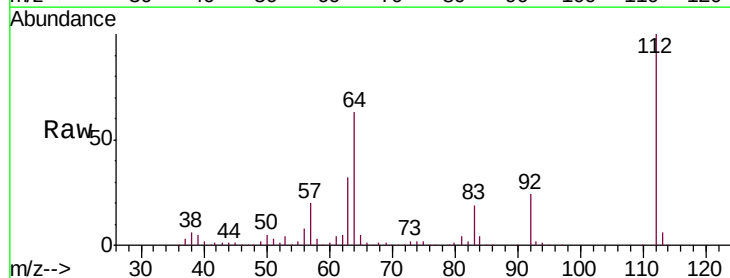
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



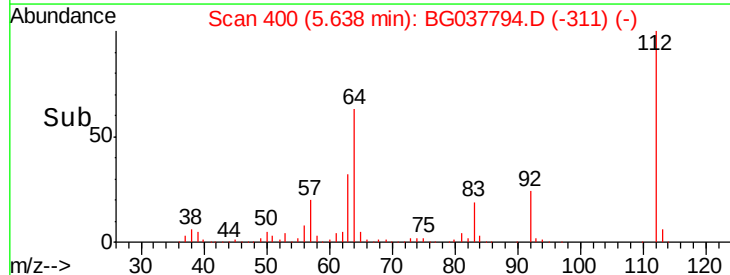
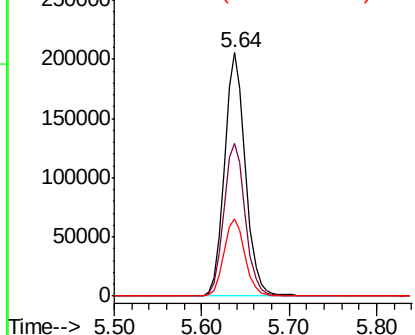
#5

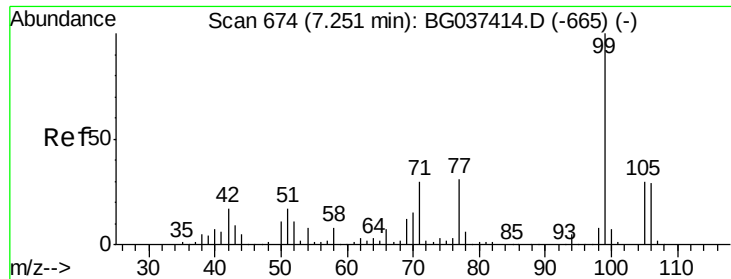
2-Fluorophenol
Concen: 89.990 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Tgt Ion:112 Resp: 337832
Ion Ratio Lower Upper
112 100
64 62.6 53.1 79.7
63 31.8 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: 86.765 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB114440TB

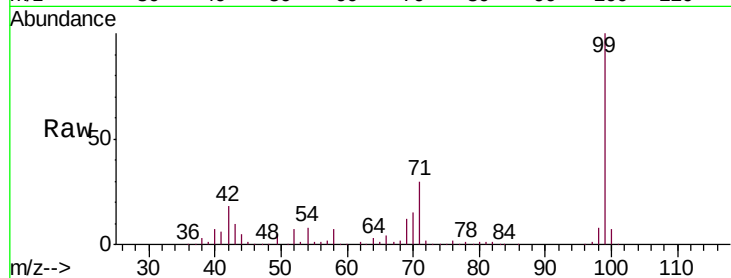
Tgt Ion: 99 Resp: 492536

Ion Ratio Lower Upper

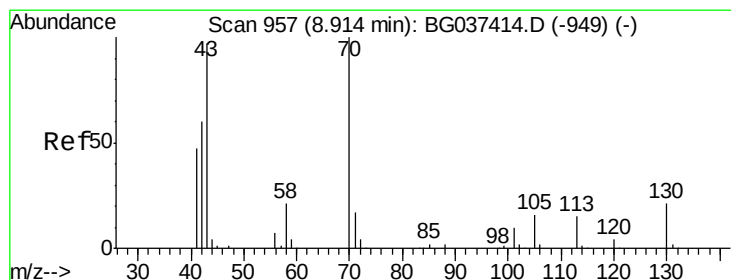
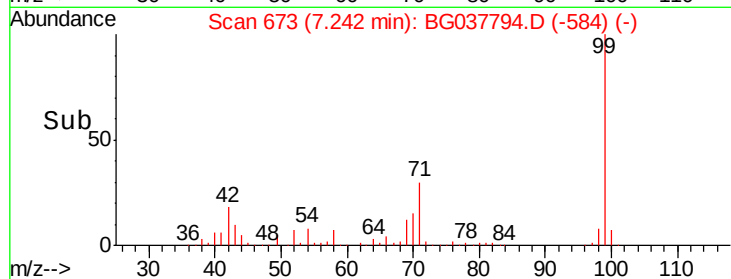
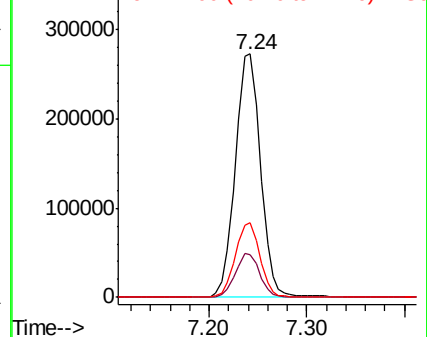
99 100

42 17.8 15.0 22.4

71 30.4 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: 9.428 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

Tgt Ion: 70 Resp: 36856

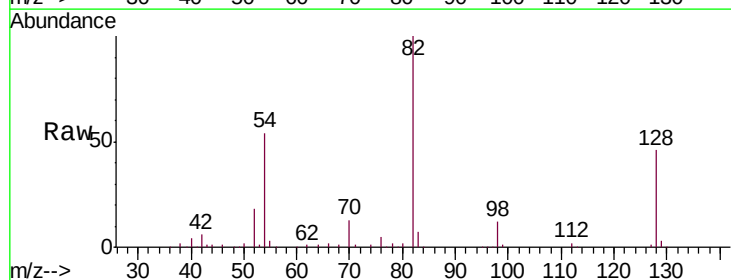
Ion Ratio Lower Upper

70 100

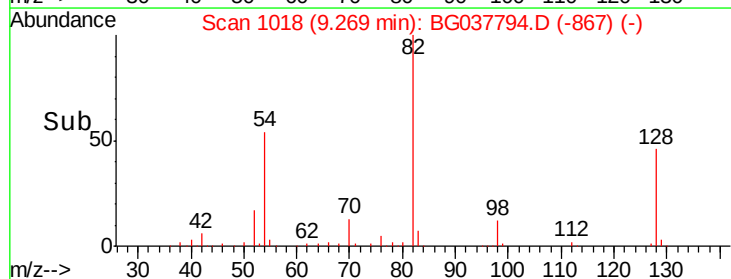
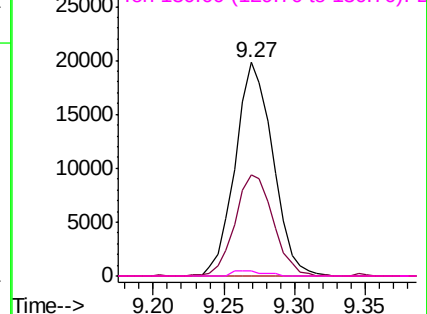
42 47.3 53.9 80.9#

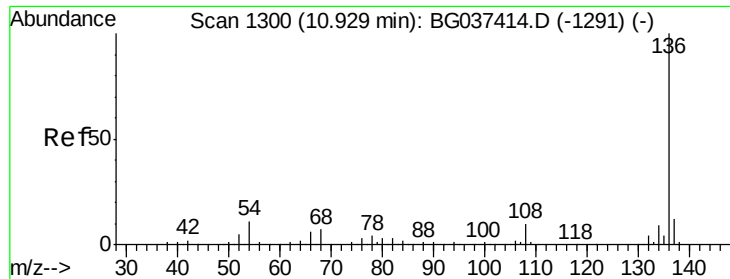
101 0.0 8.2 12.2#

130 2.6 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

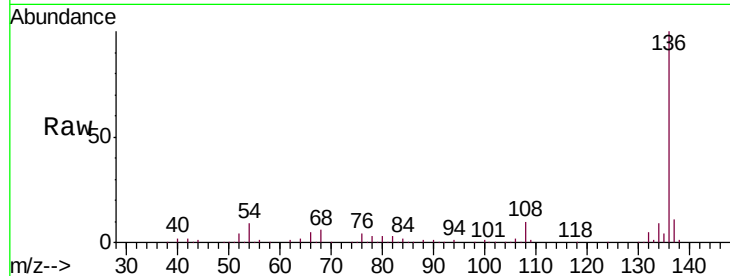




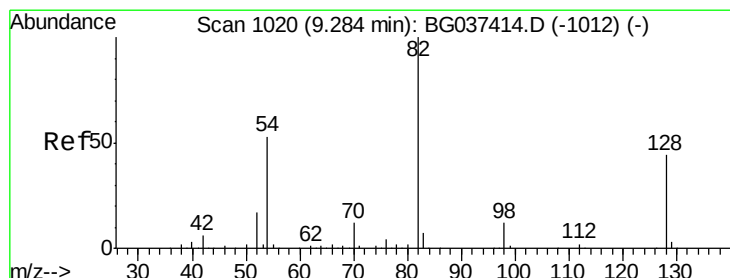
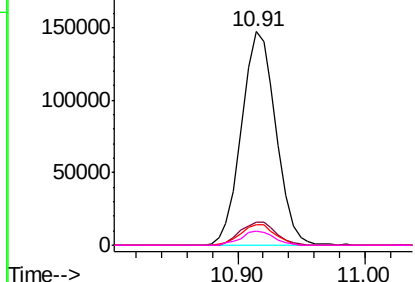
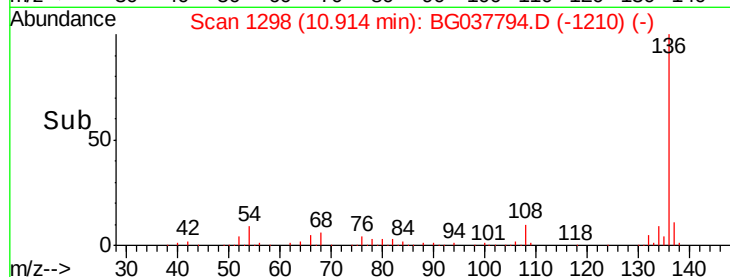
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Instrument :
BNA_G
ClientSampleId :
PB114440TB

Tgt Ion:	136	Resp:	277721
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.5	7.9	11.9
68	6.4	4.8	7.2

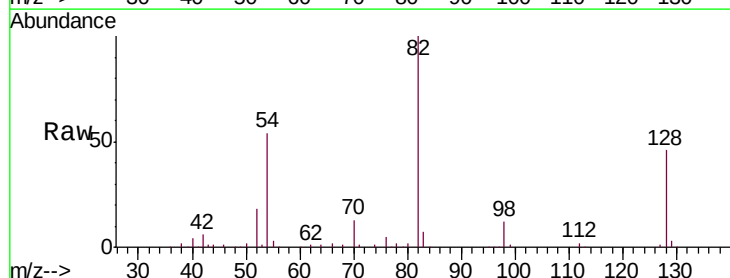


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

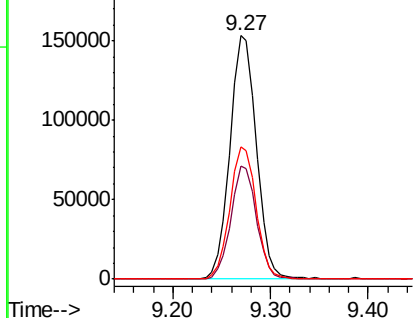
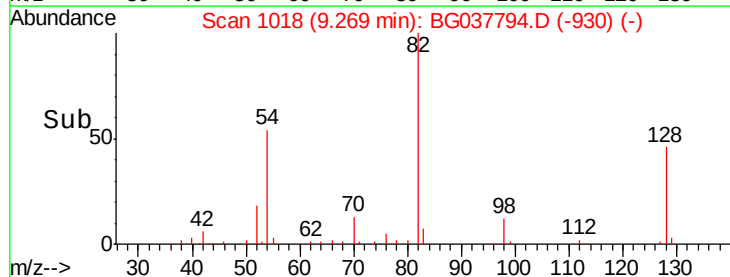


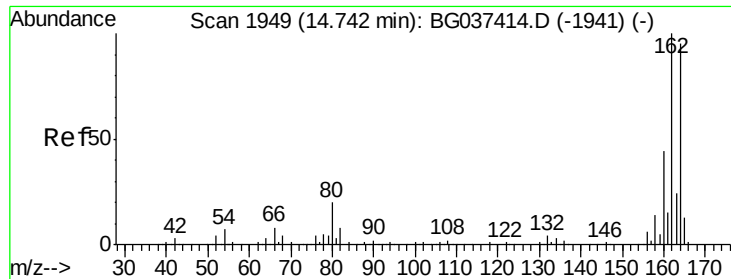
#23
Nitrobenzene-d5
Concen: 58.289 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Tgt Ion:	82	Resp:	288974
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	54.2	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB114440TB

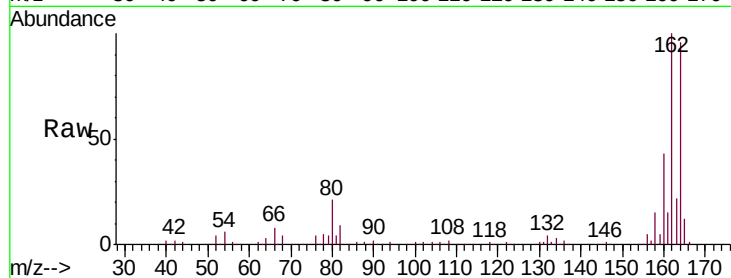
Tgt Ion:164 Resp: 180641

Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

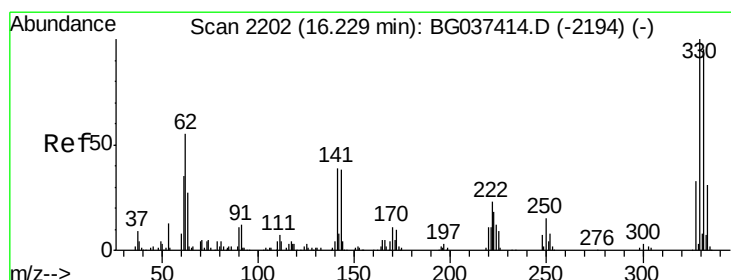
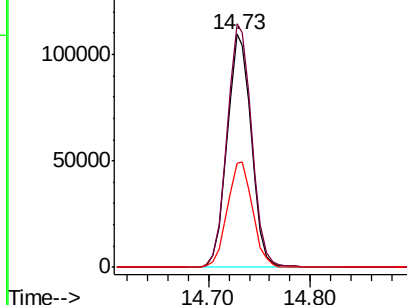
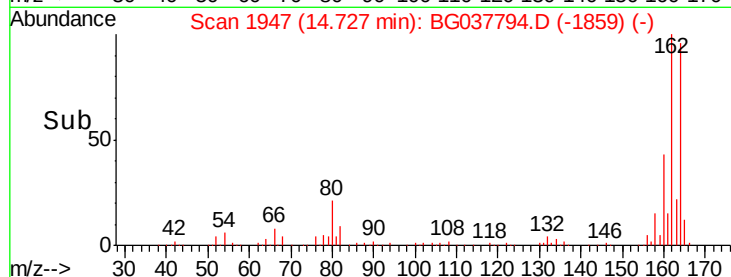
160 44.7 36.3 54.5



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: 64.965 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

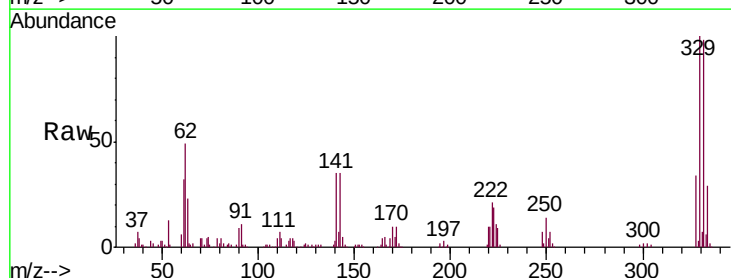
Tgt Ion:330 Resp: 127997

Ion Ratio Lower Upper

330 100

332 93.8 78.4 117.6

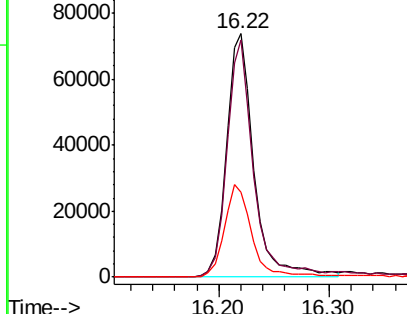
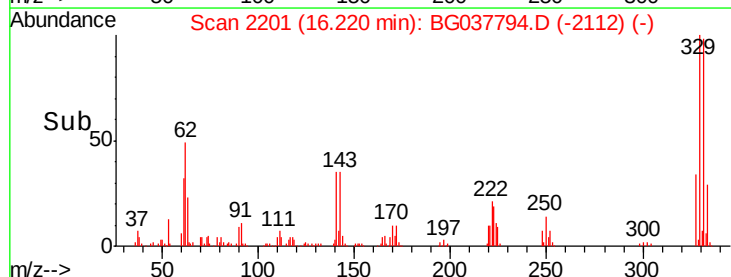
141 38.6 32.2 48.2

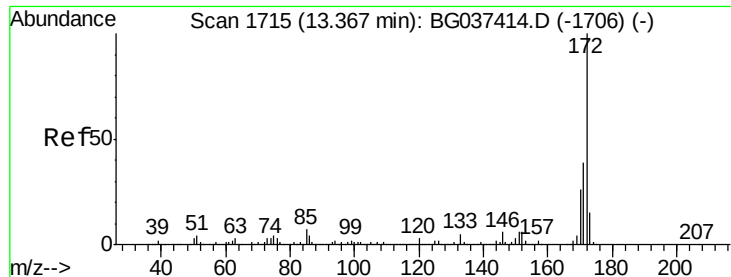


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

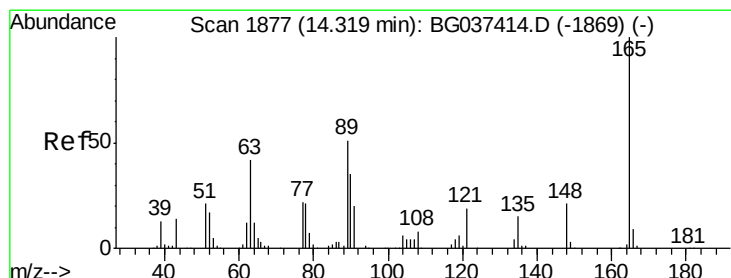
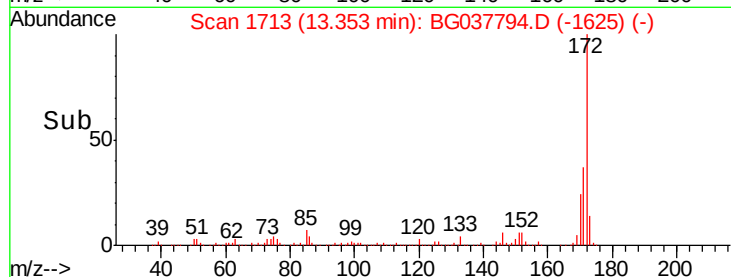
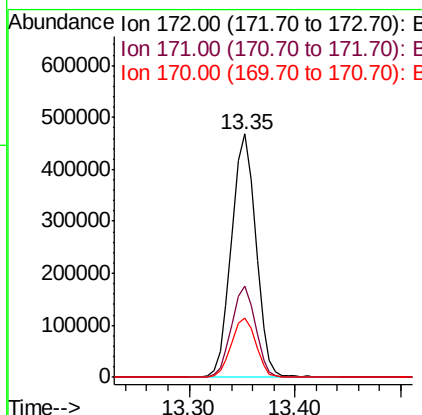
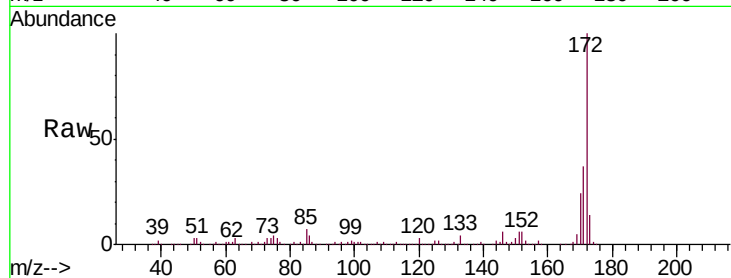




#45
 2-Fluorobiphenyl
 Concen: 62.510 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037794.D
 Acq: 3 Nov 2018 16:54

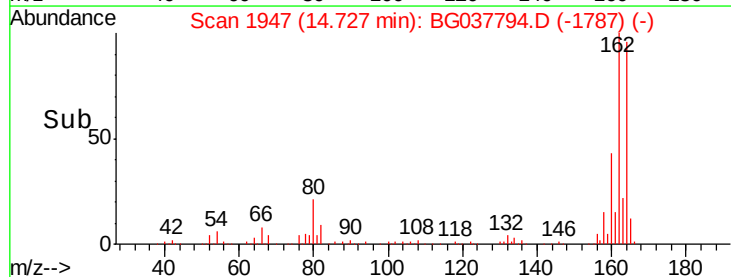
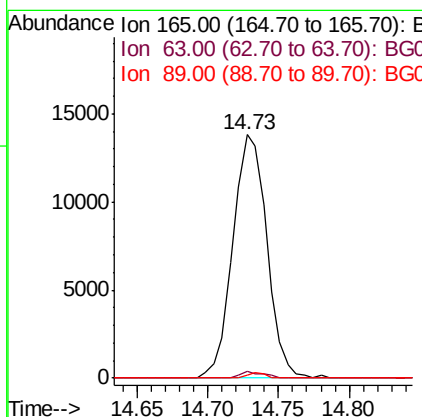
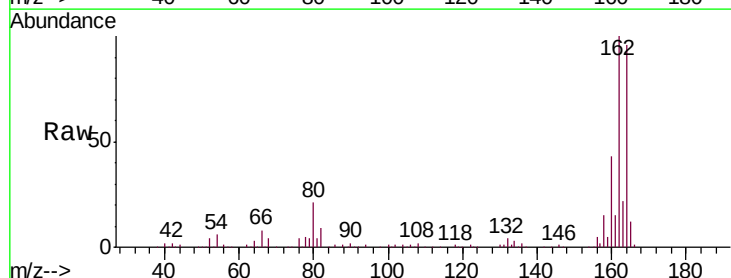
Instrument :
 BNA_G
 ClientSampleId :
 PB114440TB

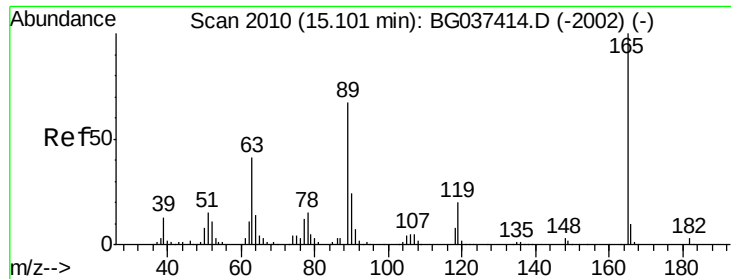
Tgt Ion:172 Resp: 748829
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.0 46.4
 170 24.3 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.516 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037794.D
 Acq: 3 Nov 2018 16:54

Tgt Ion:165 Resp: 23235
 Ion Ratio Lower Upper
 165 100
 63 3.0 43.4 65.2#
 89 1.4 45.8 68.6#

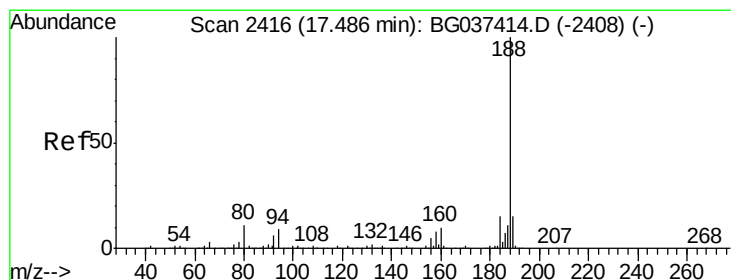
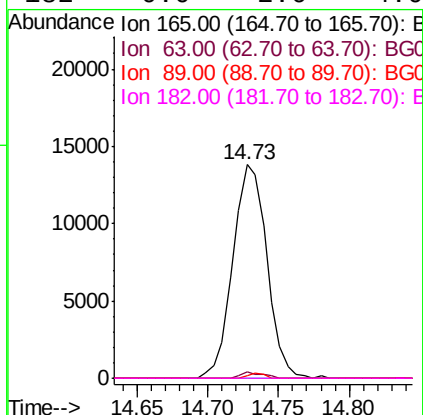
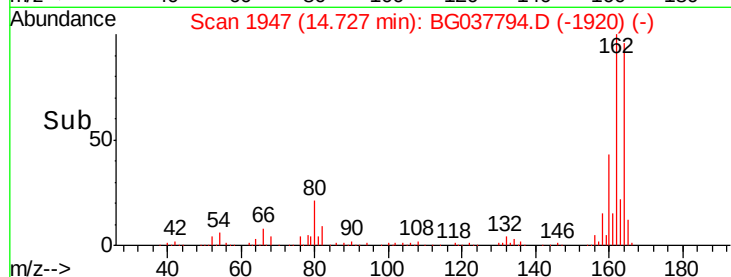
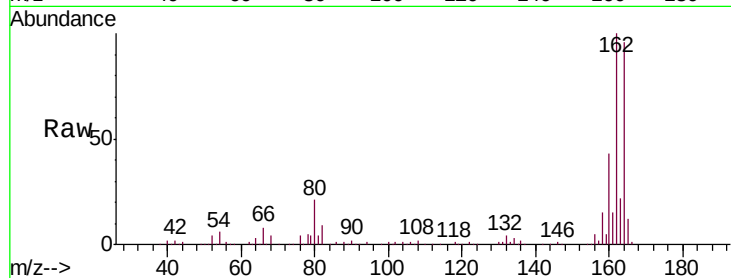




#57
2,4-Dinitrotoluene
Concen: 5.726 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

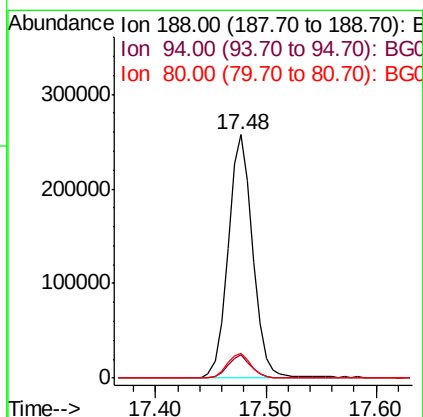
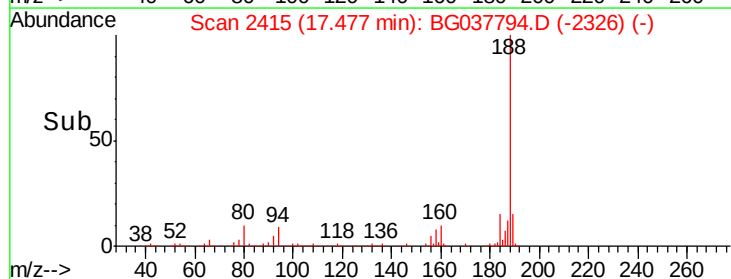
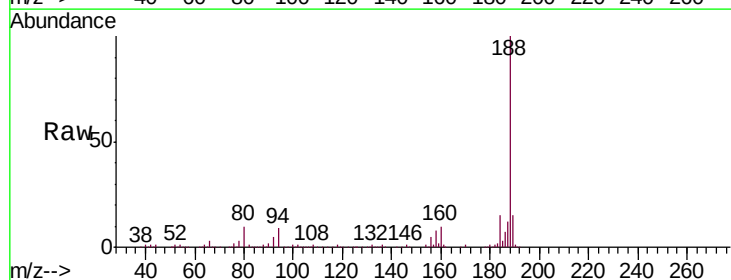
Instrument :
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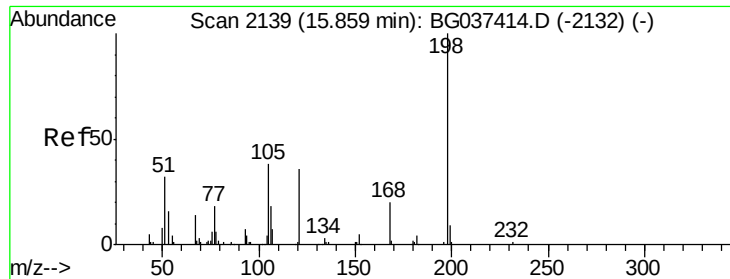
Tgt Ion:	165	Resp:	23235
Ion	Ratio	Lower	Upper
165	100		
63	3.0	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037794.D
Acq: 3 Nov 2018 16:54

Tgt Ion:	188	Resp:	401181
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.0	7.7	11.5

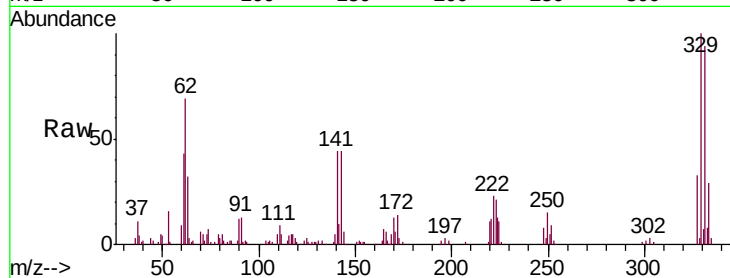




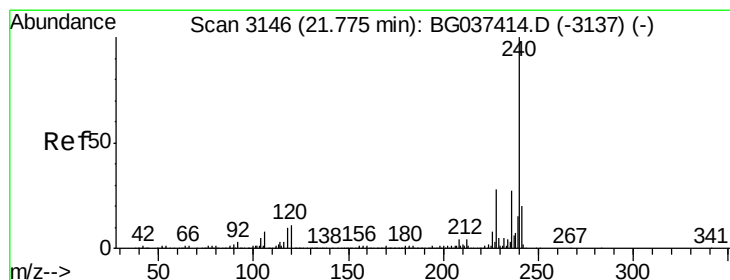
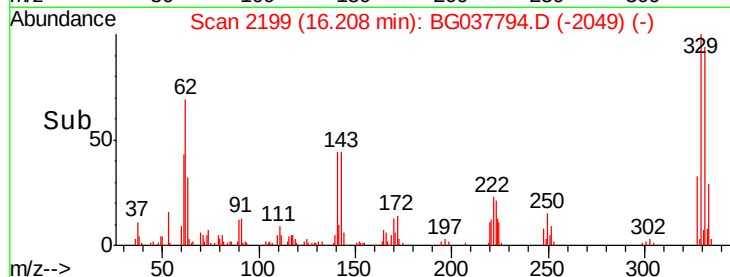
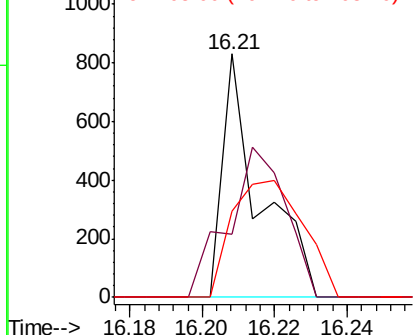
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.739 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037794.D
 Acq: 3 Nov 2018 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114440TB

Tgt Ion:198 Resp: 593
 Ion Ratio Lower Upper
 198 100
 51 25.8 22.7 62.7
 105 35.1 19.7 59.7

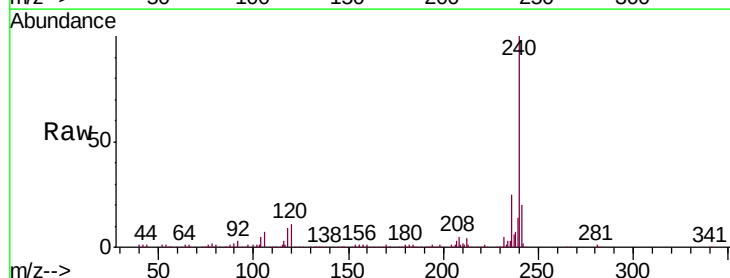


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

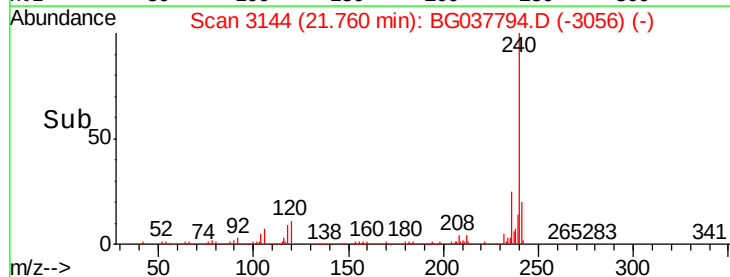
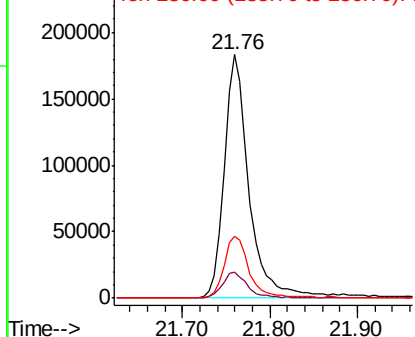


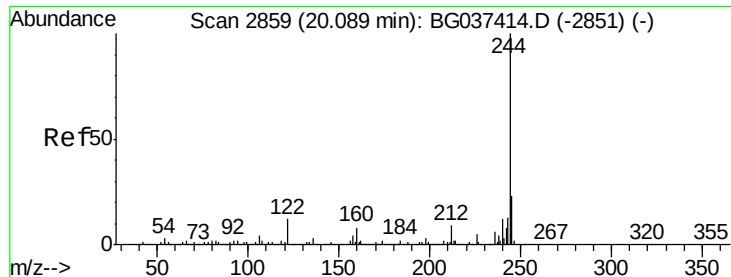
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037794.D
 Acq: 3 Nov 2018 16:54

Tgt Ion:240 Resp: 357591
 Ion Ratio Lower Upper
 240 100
 120 10.8 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: 62.758 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037794.D

Acq: 3 Nov 2018 16:54

Instrument :

BNA_G

ClientSampleId :

PB114440TB

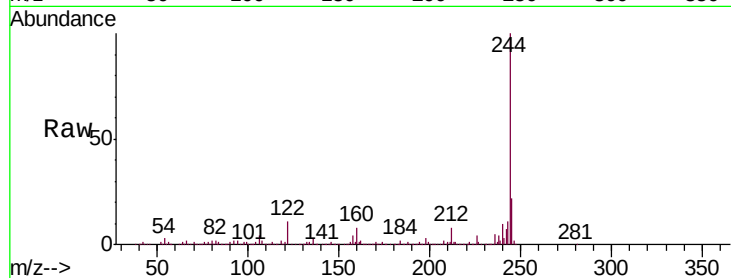
Tgt Ion:244 Resp: 1050259

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

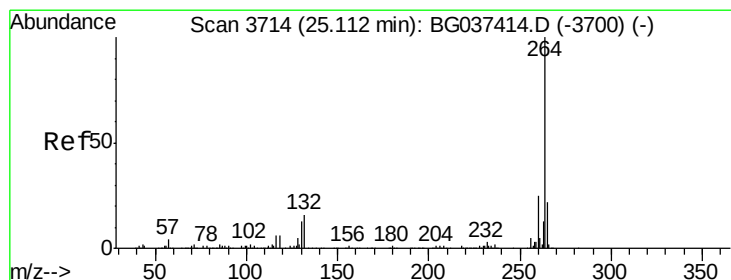
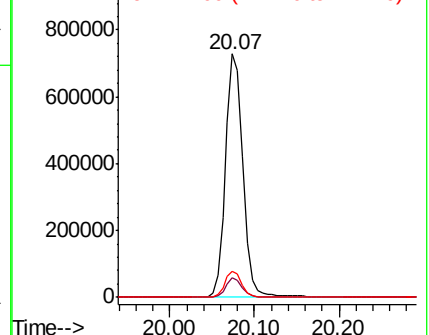
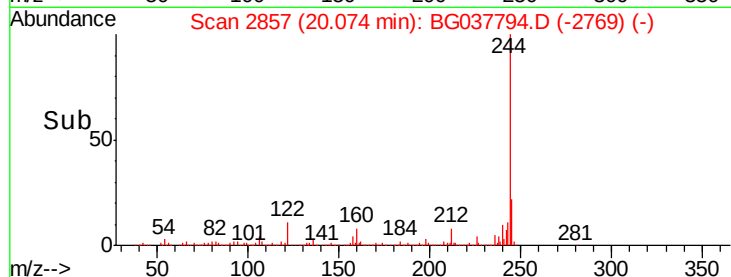
122 10.6 9.0 13.4



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

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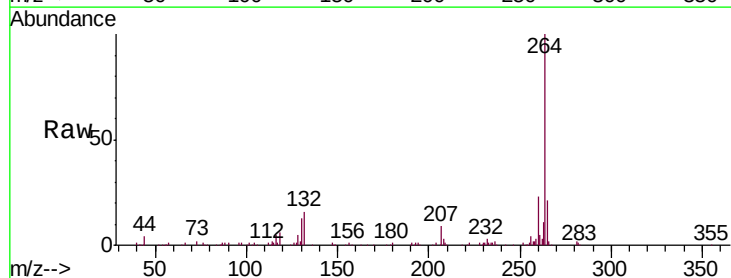
Tgt Ion:264 Resp: 293207

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.3 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

