

Data File : BG037955.D
Acq On : 12 Nov 2018 22:01
Operator : JU/SJ
Sample : PB114712BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114712BL

Quant Time: Nov 13 04:27:20 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

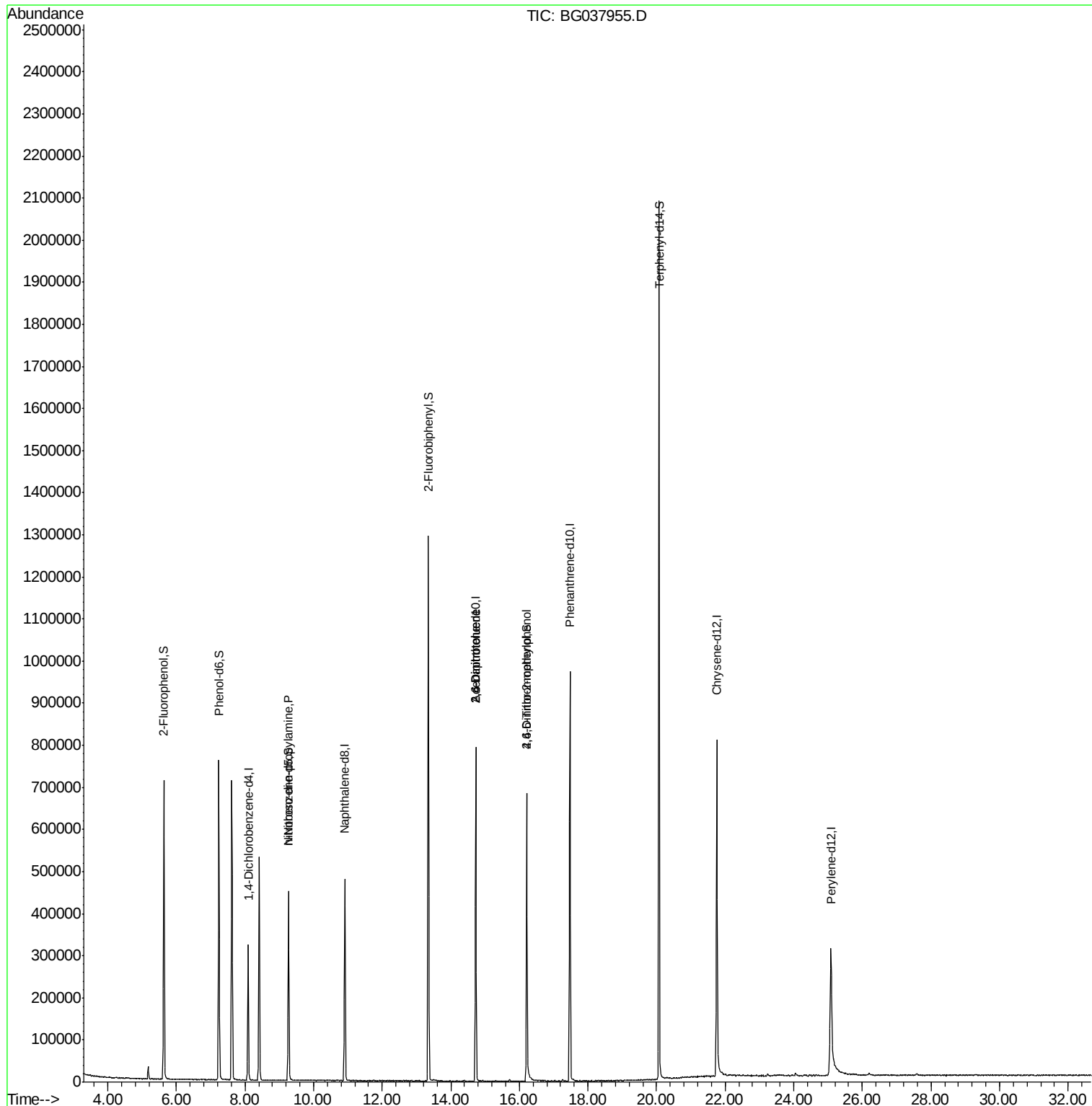
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	94350	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	434610	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	288971	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	618561	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	570446	20.00	ng	-0.02
87) Perylene-d12	25.08	264	436868	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	331793	58.79	ng	-0.01
7) Phenol-d6	7.24	99	486498	57.01	ng	-0.01
23) Nitrobenzene-d5	9.27	82	293247	37.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	141008	44.74	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	737193	38.47	ng	-0.02
79) Terphenyl-d14	20.07	244	1028685	38.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	35722	6.079	ng	# 72
51) 2,6-Dinitrotoluene	14.72	165	36772	7.436	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	36772	5.664	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	417	8.613	ng	84

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

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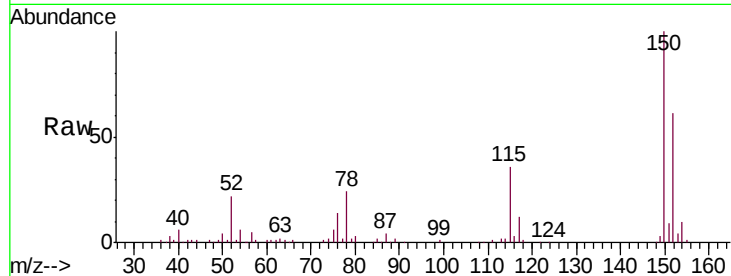




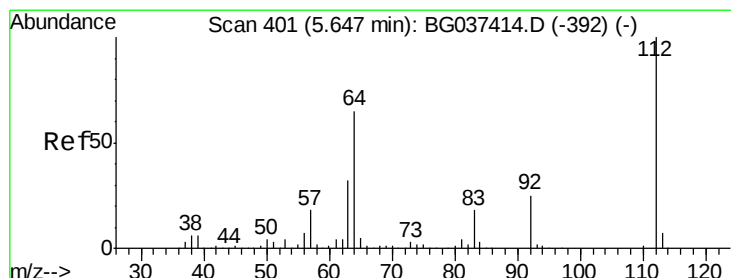
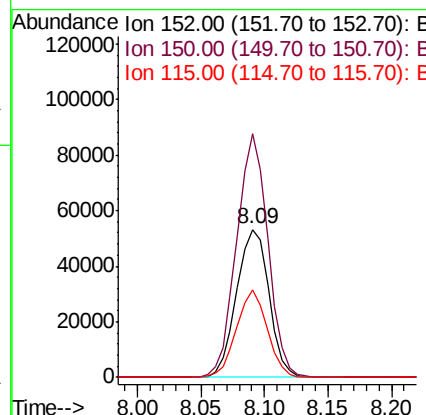
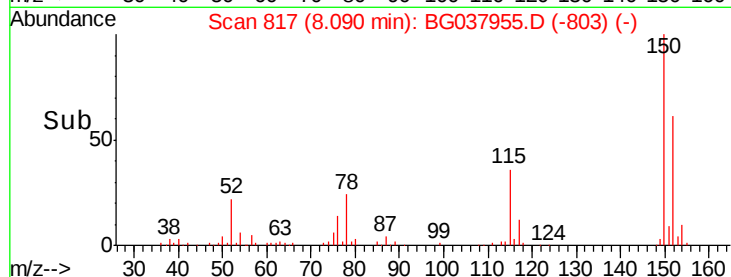
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

Tgt Ion:152 Resp: 94350
 Ion Ratio Lower Upper
 152 100
 150 164.3 126.0 189.0
 115 59.4 45.5 68.3

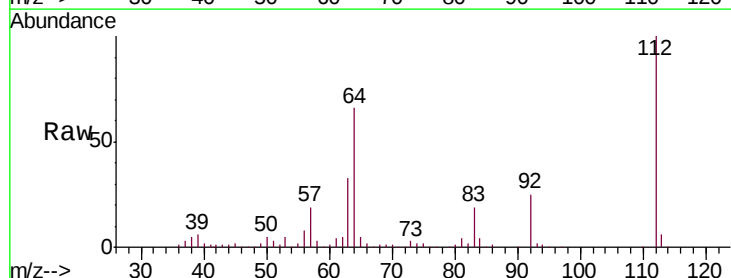


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

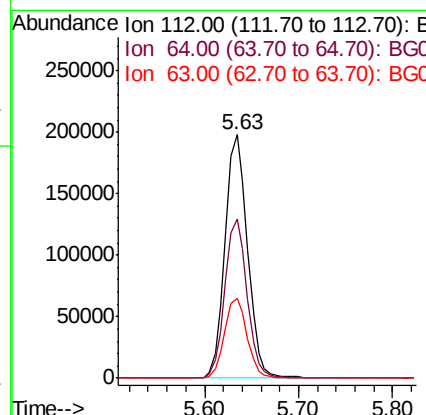
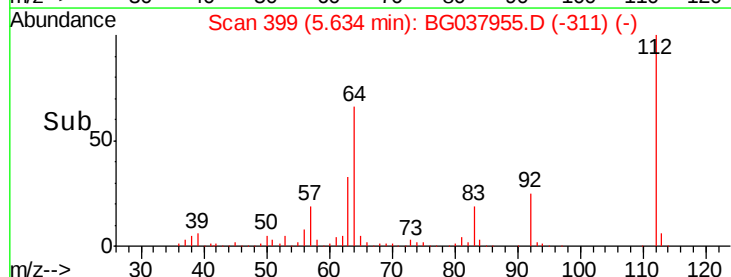


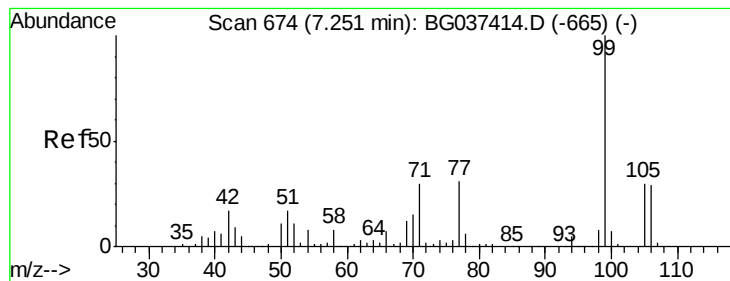
#5
 2-Fluorophenol
 Concen: 58.793 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Tgt Ion:112 Resp: 331793
 Ion Ratio Lower Upper
 112 100
 64 65.6 53.1 79.7
 63 32.6 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: 57.010 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Instrument :

BNA_G

ClientSampleId :

PB114712BL

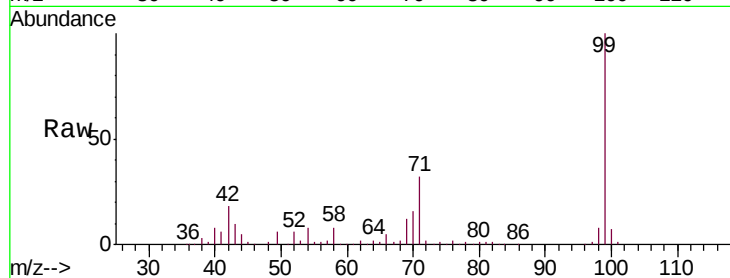
Tgt Ion: 99 Resp: 486498

Ion Ratio Lower Upper

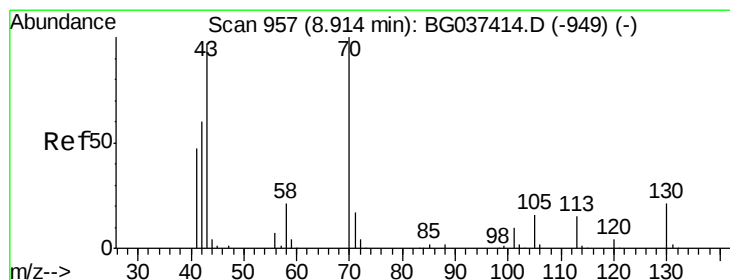
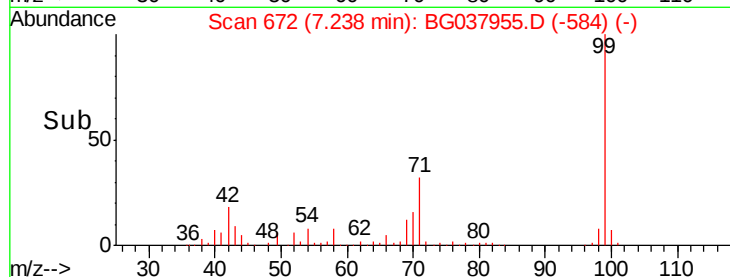
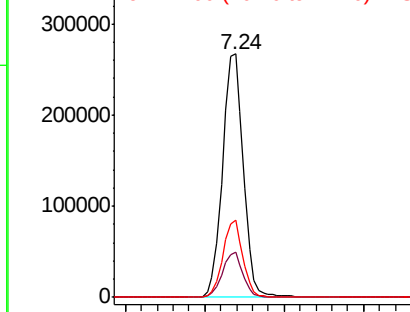
99 100

42 18.4 15.0 22.4

71 31.6 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: 6.079 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Tgt Ion: 70 Resp: 35722

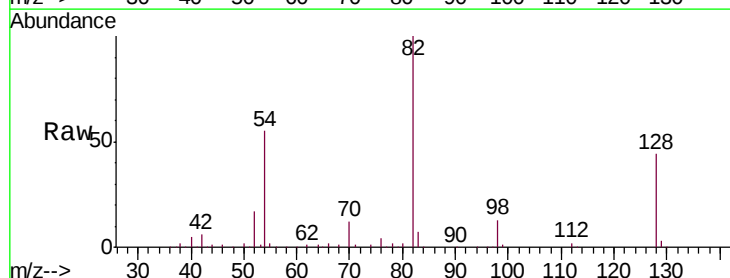
Ion Ratio Lower Upper

70 100

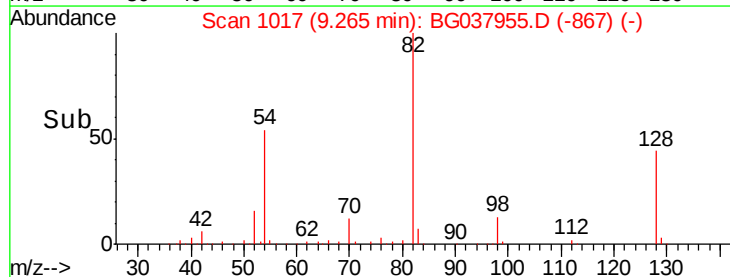
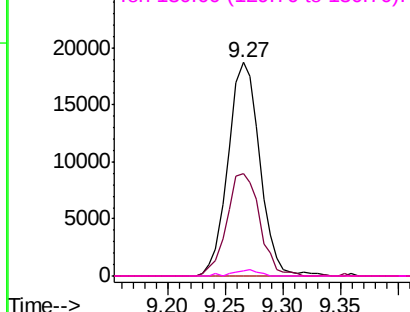
42 48.1 53.9 80.9#

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

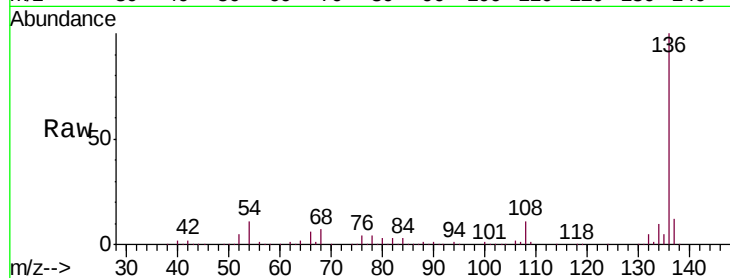




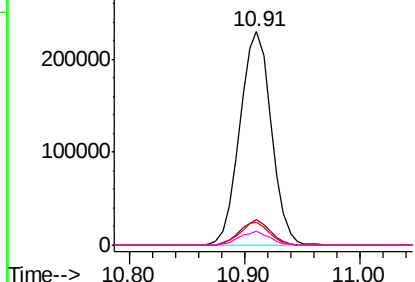
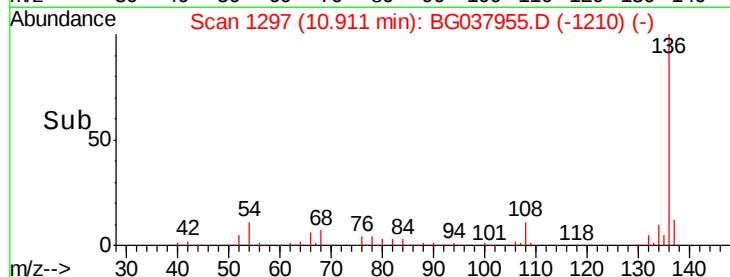
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037955.D
Acq: 12 Nov 2018 22:01

Instrument :
BNA_G
ClientSampleId :
PB114712BL

Tgt Ion:	136	Resp:	434610
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.8	7.9	11.9
68	6.7	4.8	7.2

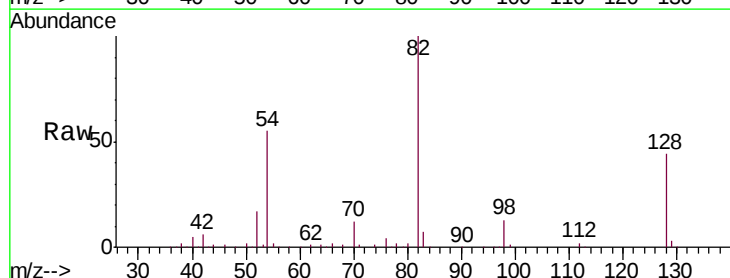


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

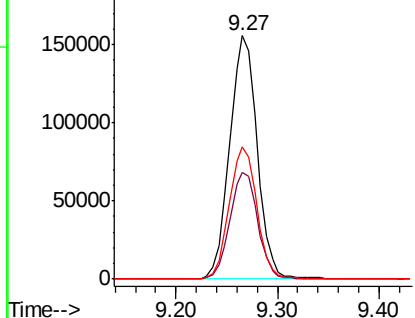
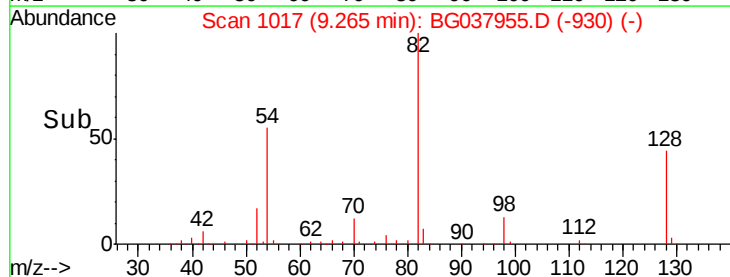


#23
Nitrobenzene-d5
Concen: 37.798 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037955.D
Acq: 12 Nov 2018 22:01

Tgt Ion:	82	Resp:	293247
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	54.6	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Instrument :

BNA_G

ClientSampleId :

PB114712BL

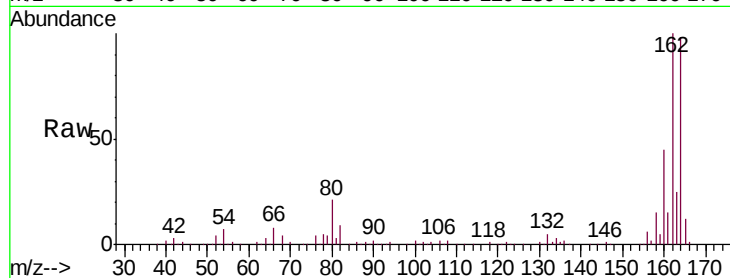
Tgt Ion:164 Resp: 288971

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

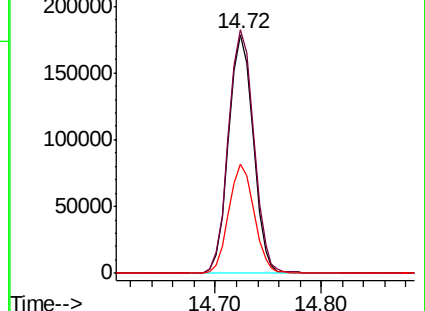
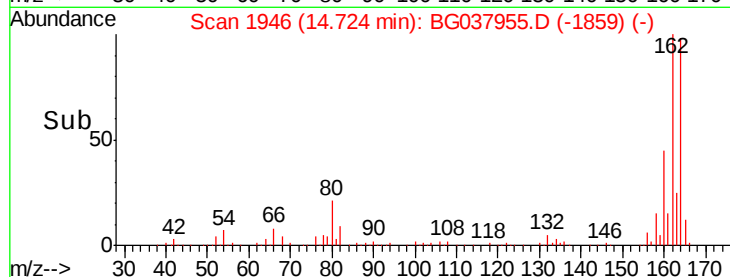
160 45.6 36.3 54.5



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: 44.739 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

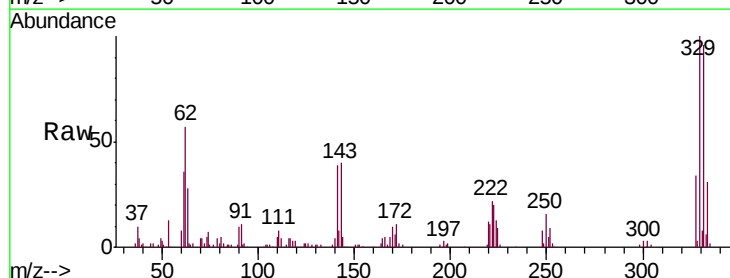
Tgt Ion:330 Resp: 141008

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

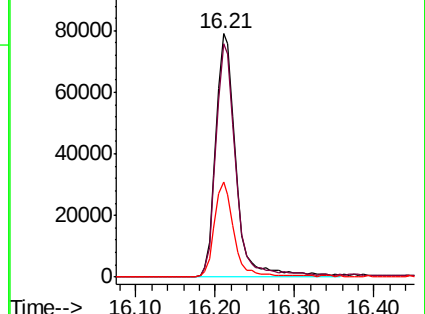
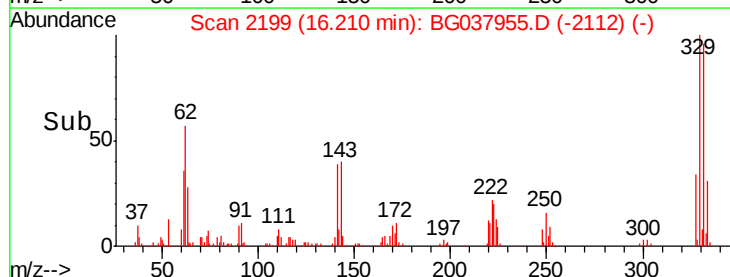
141 38.1 32.2 48.2



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

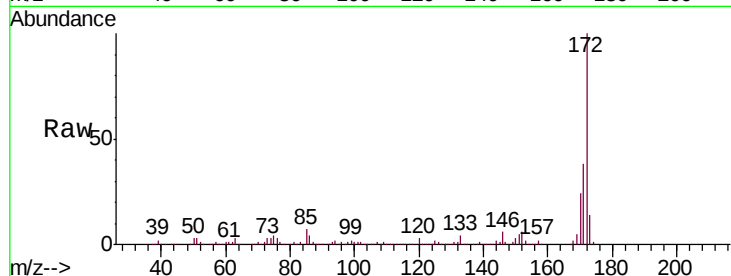




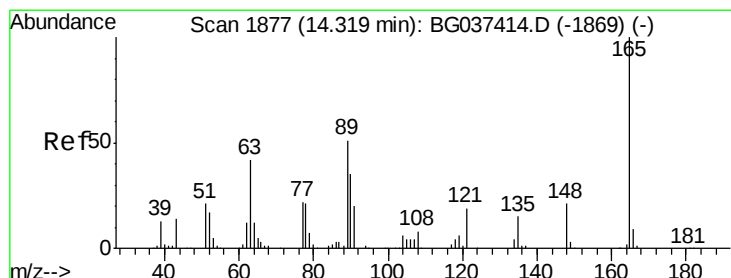
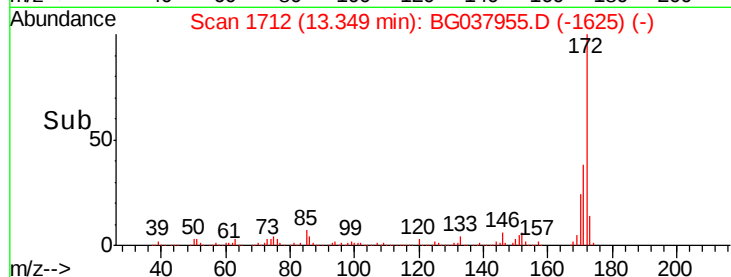
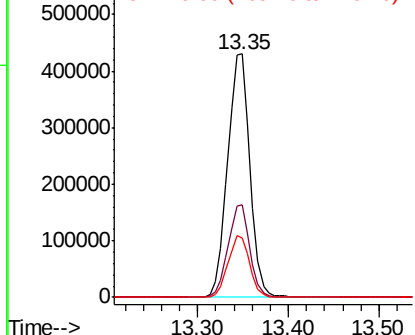
#45
 2-Fluorobiphenyl
 Concen: 38.469 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.5	20.2	30.2

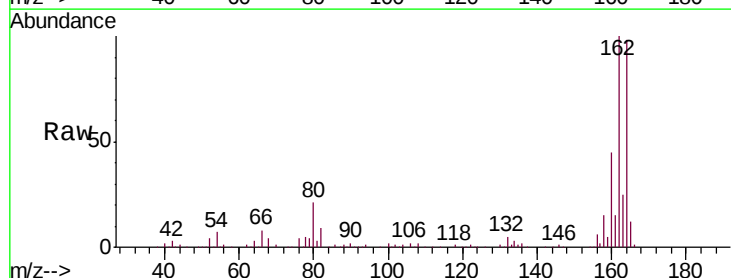


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

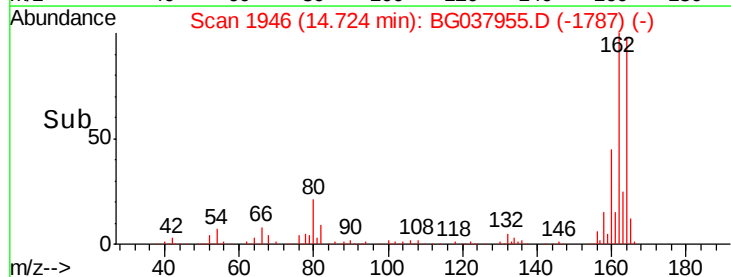
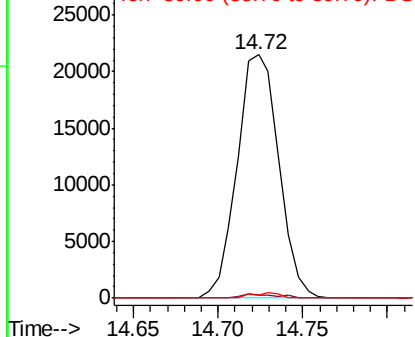


#51
 2,6-Dinitrotoluene
 Concen: 7.436 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	1.3	45.8	68.6#



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

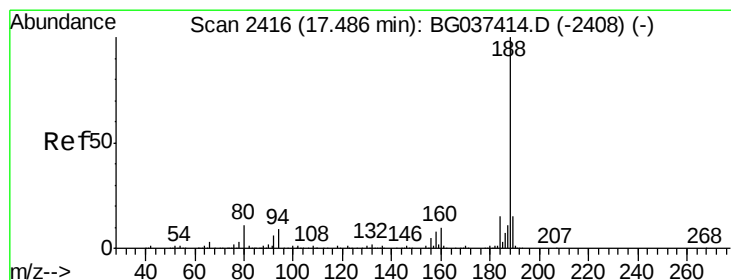
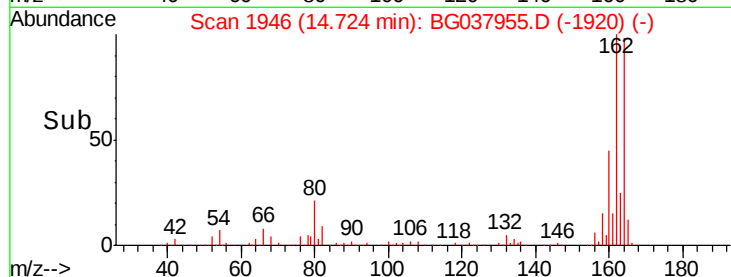
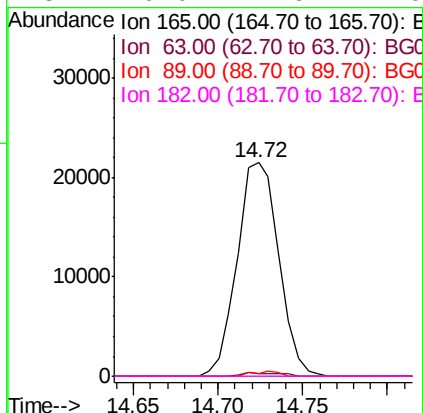
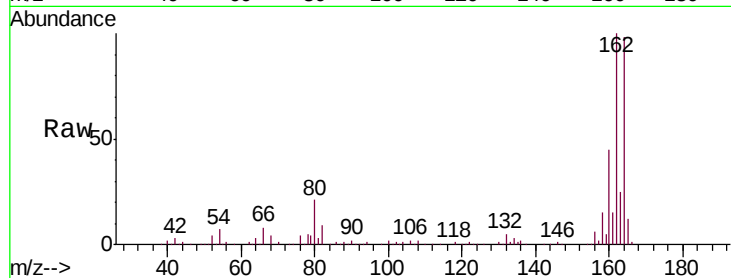




#57
 2,4-Dinitrotoluene
 Concen: 5.664 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

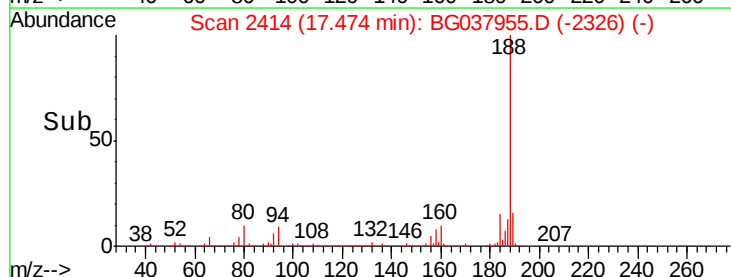
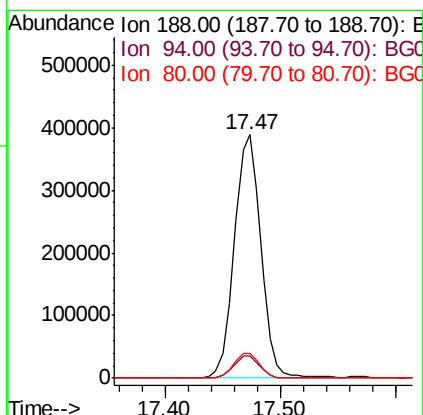
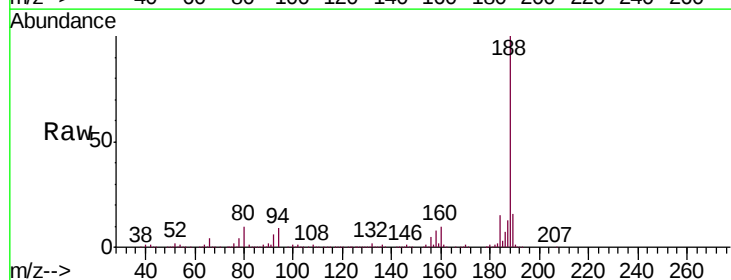
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

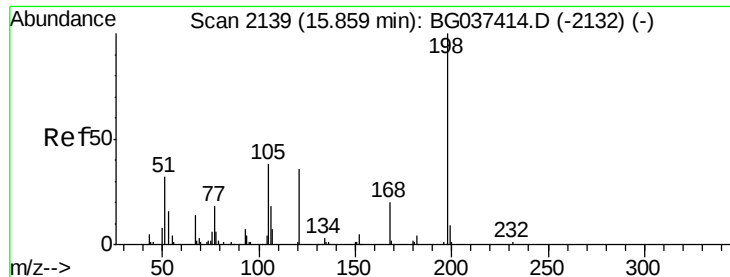
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.3	7.7	11.5

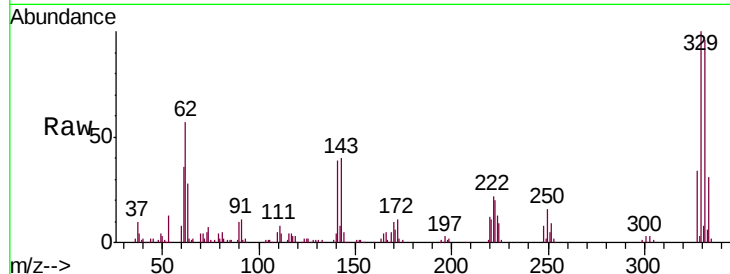




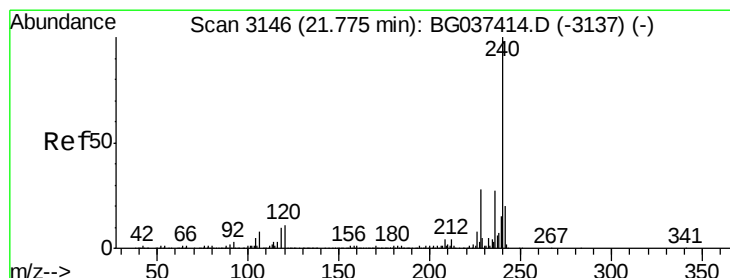
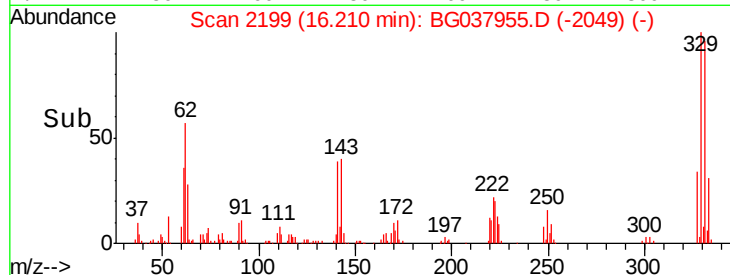
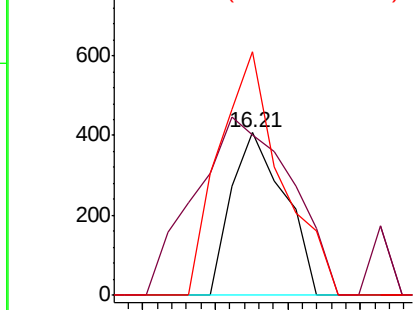
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.613 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BL

Tgt Ion:198 Resp: 417
 Ion Ratio Lower Upper
 198 100
 51 24.8 22.7 62.7
 105 37.7 19.7 59.7

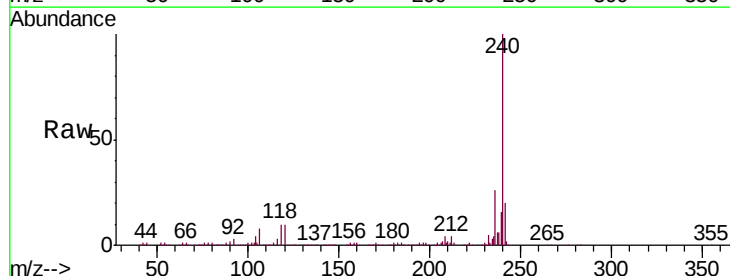


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

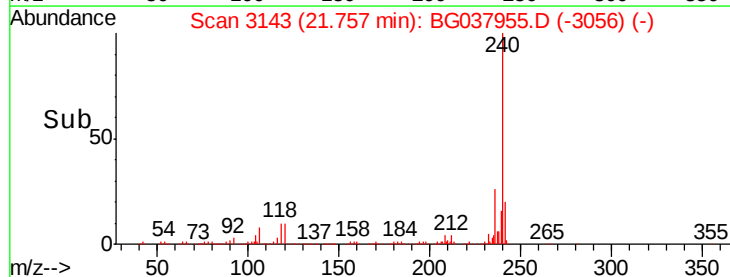
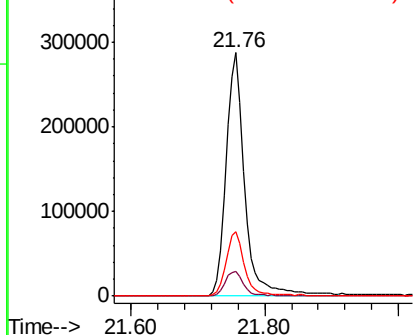


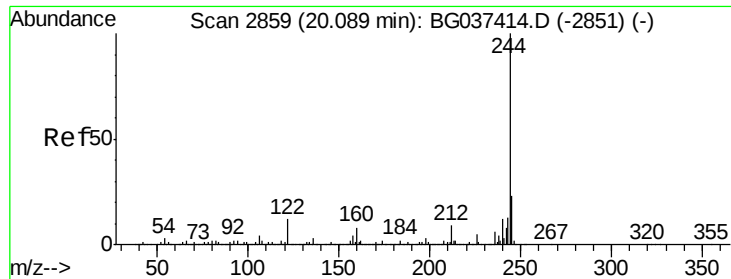
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037955.D
 Acq: 12 Nov 2018 22:01

Tgt Ion:240 Resp: 570446
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.1 12.1
 236 26.4 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: 38.532 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

Instrument :

BNA_G

ClientSampleId :

PB114712BL

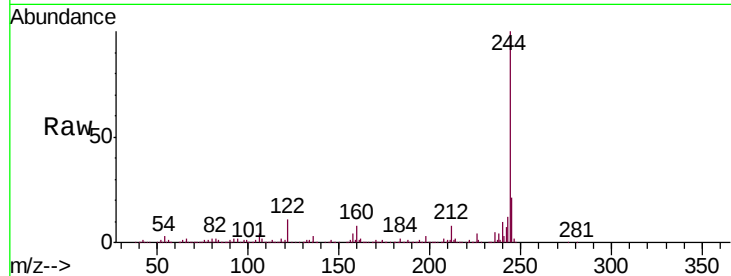
Tgt Ion:244 Resp: 1028685

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

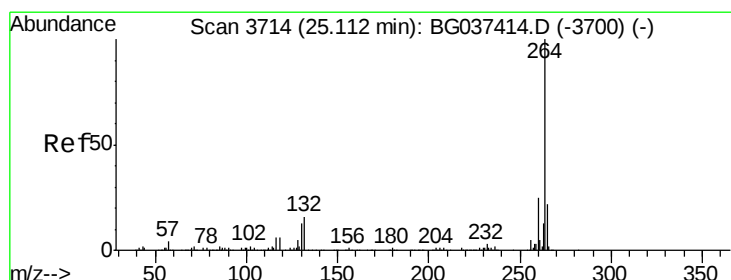
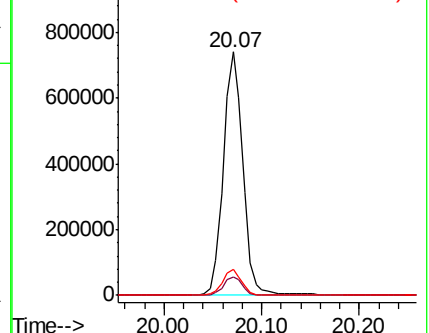
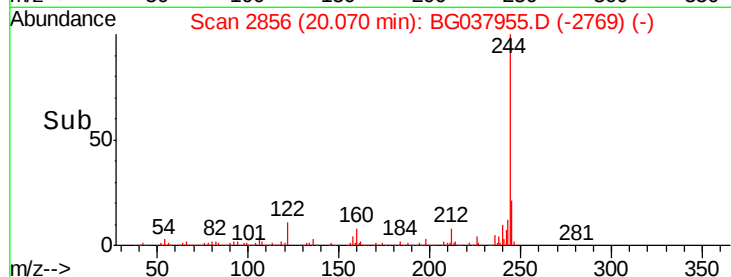
122 10.6 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037955.D

Acq: 12 Nov 2018 22:01

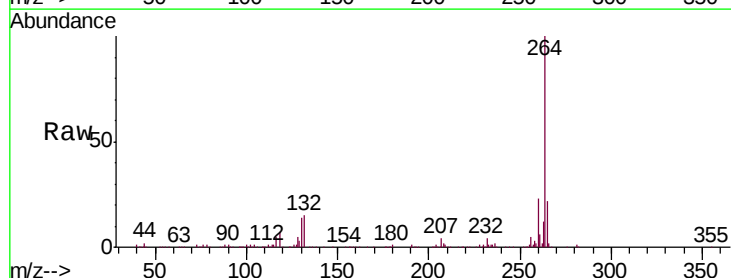
Tgt Ion:264 Resp: 436868

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 22.4 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

