

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037545.D
 Acq On : 25 Oct 2018 15:02
 Operator : JU/SJ
 Sample : PB114161BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 08:04:22 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

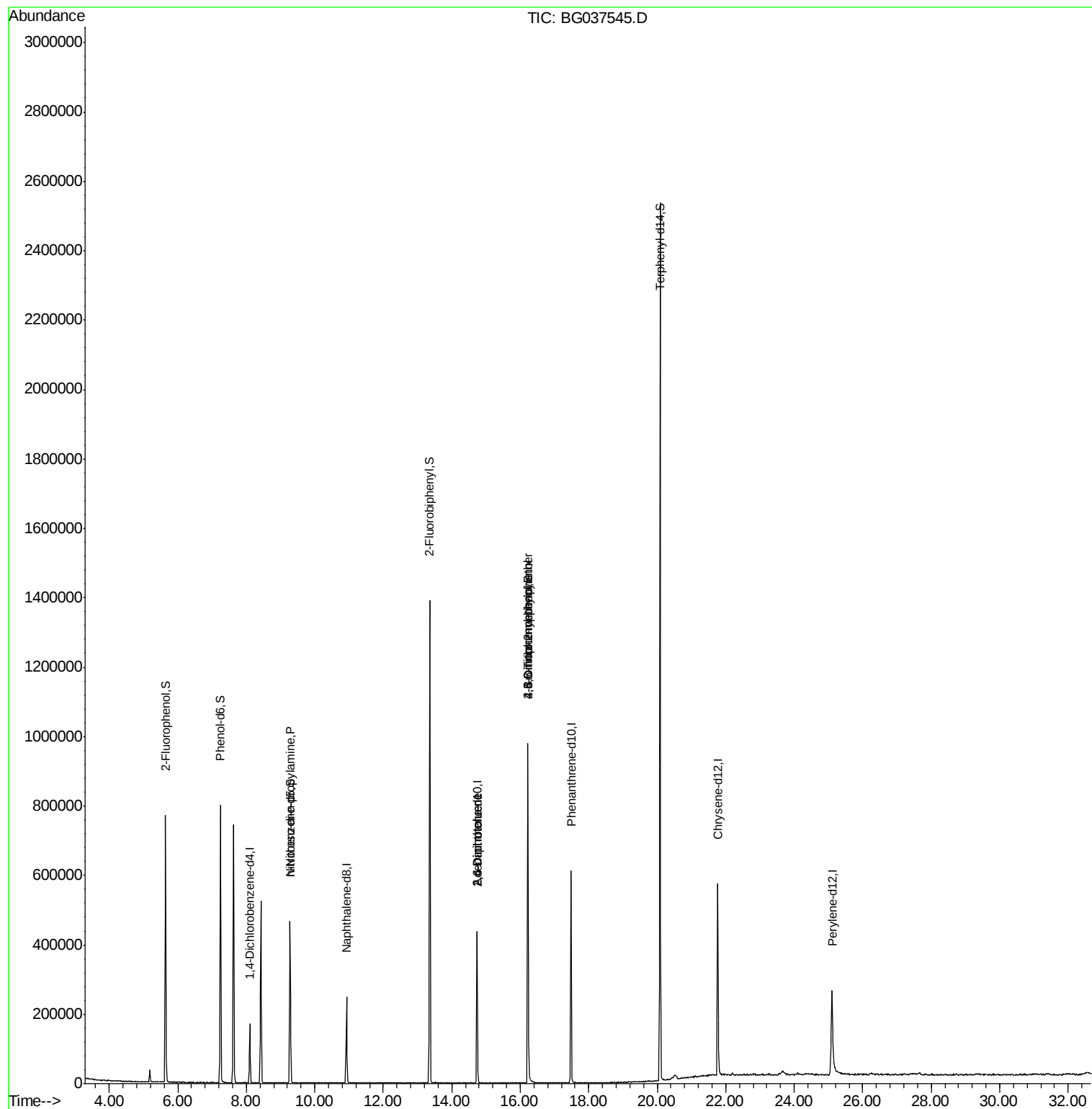
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51776	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	227732	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	158666	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	397697	20.00	ng	0.00
76) Chrysene-d12	21.77	240	369860	20.00	ng	0.00
87) Perylene-d12	25.10	264	327230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	350292	113.11	ng	0.00
7) Phenol-d6	7.25	99	515095	109.99	ng	0.00
23) Nitrobenzene-d5	9.28	82	296120	72.84	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	186320	107.67	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	752336	71.50	ng	0.00
79) Terphenyl-d14	20.08	244	1228221	70.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	36205	11.227	ng	# 74
51) 2,6-Dinitrotoluene	14.74	165	20438	7.527	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	20438	5.734	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	564	8.730	ng	78
67) 4-Bromophenyl-phenylether	16.22	248	13180	3.018	ng	# 1

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

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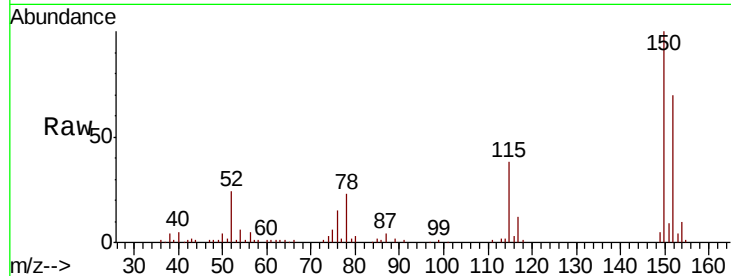


#1

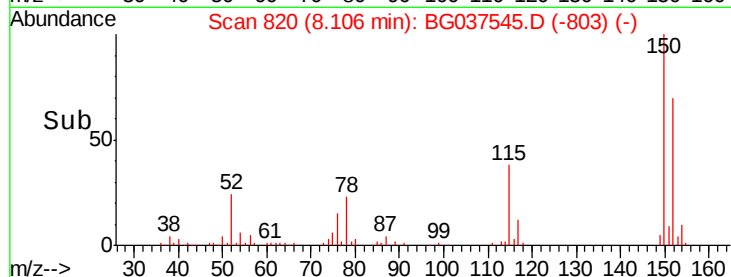
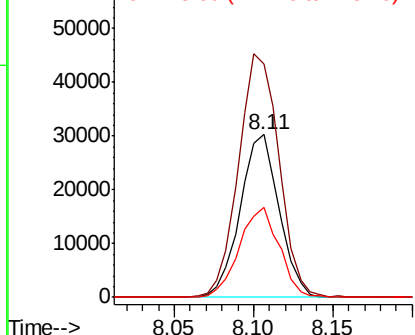
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51776
Ion Ratio Lower Upper
152 100
150 143.8 126.0 189.0
115 55.2 45.5 68.3



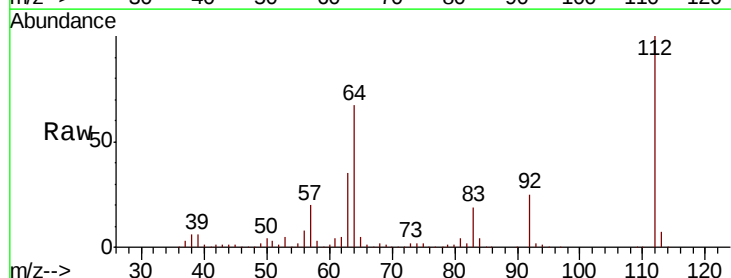
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



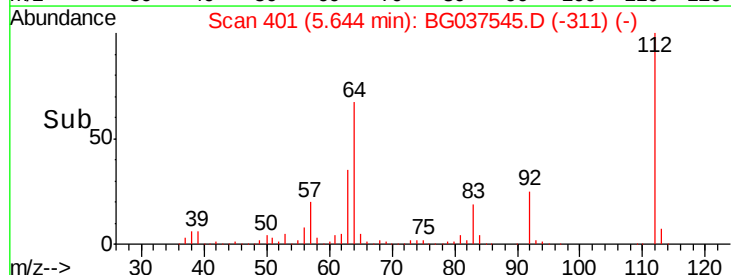
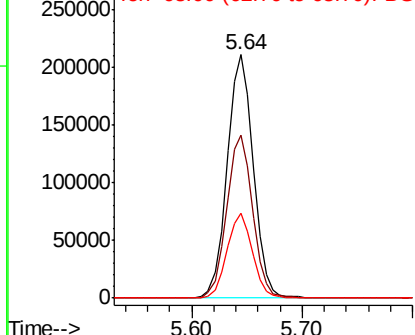
#5

2-Fluorophenol
Concen: 113.110 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

Tgt Ion:112 Resp: 350292
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 34.8 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: 109.994 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

Instrument :

BNA_G

ClientSampleId :

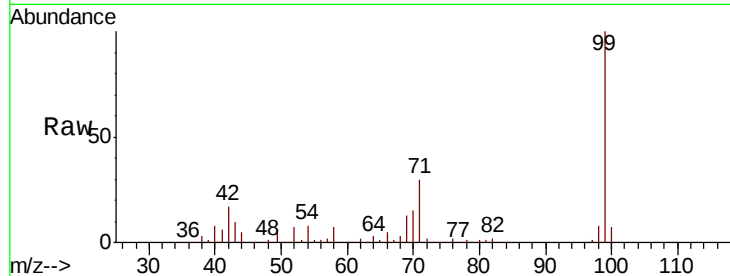
Tot Ion: 99 Resp: 515095

Ion Ratio Lower Upper

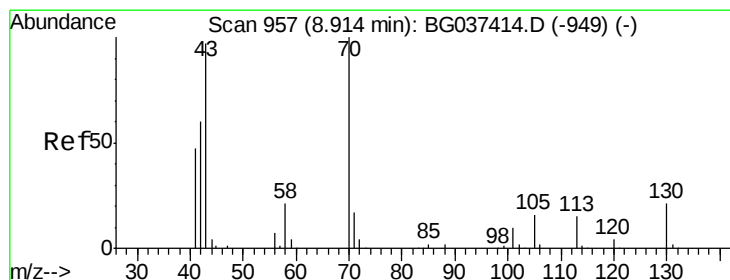
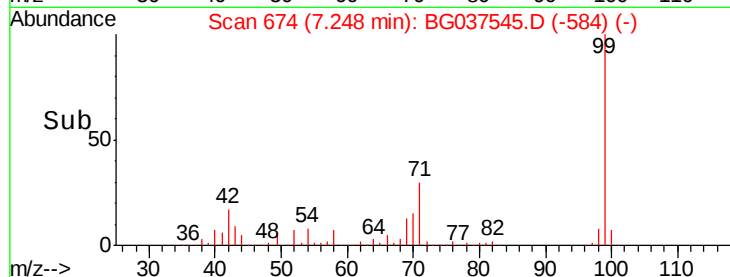
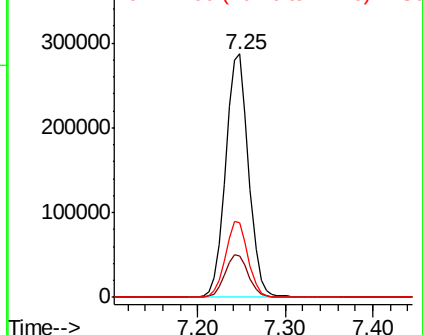
99 100

42 17.0 15.0 22.4

71 30.5 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: 11.227 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

Tgt Ion: 70 Resp: 36205

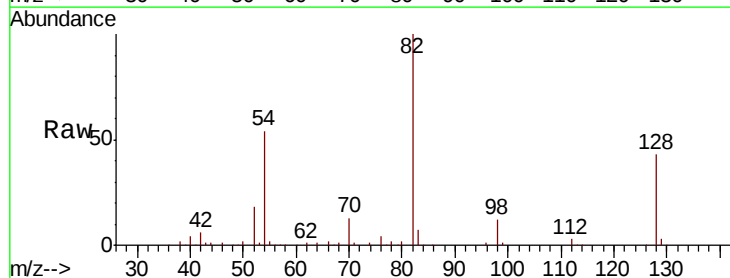
Ion Ratio Lower Upper

70 100

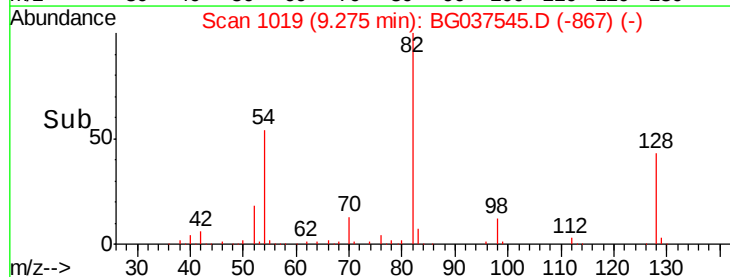
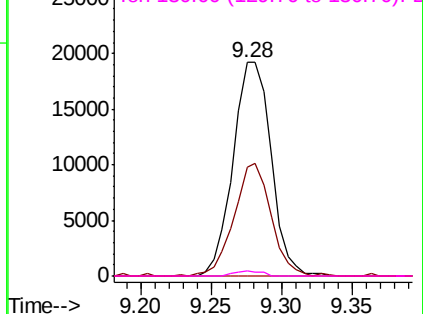
42 51.0 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 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

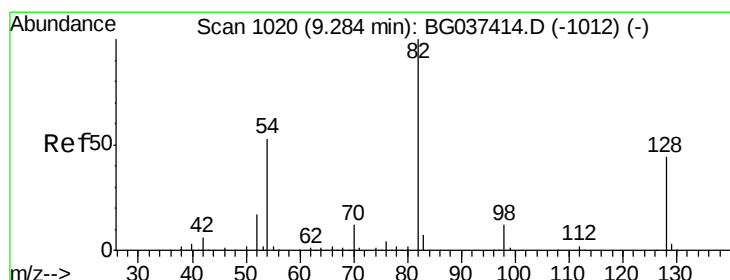
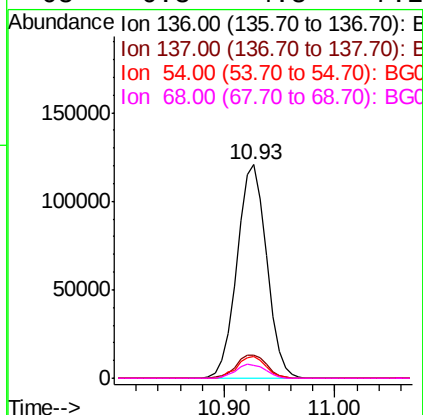
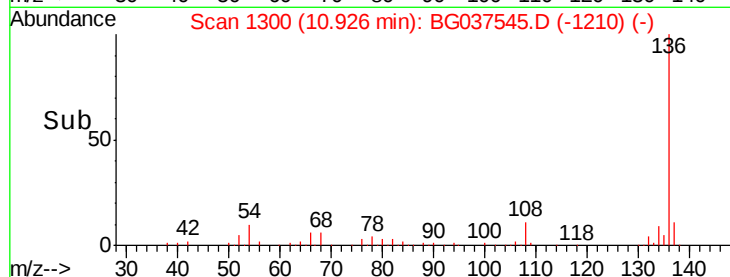
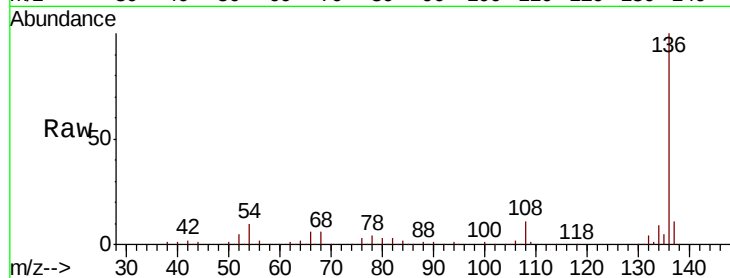




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

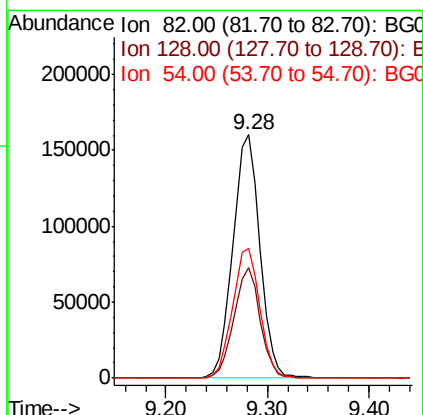
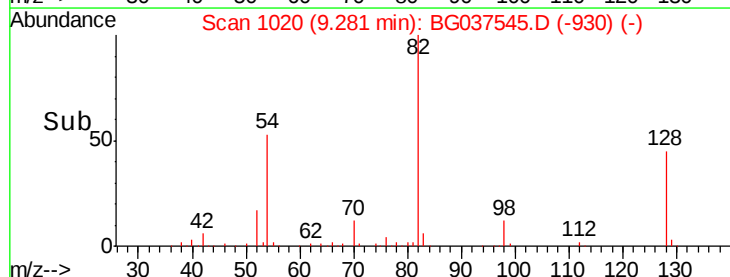
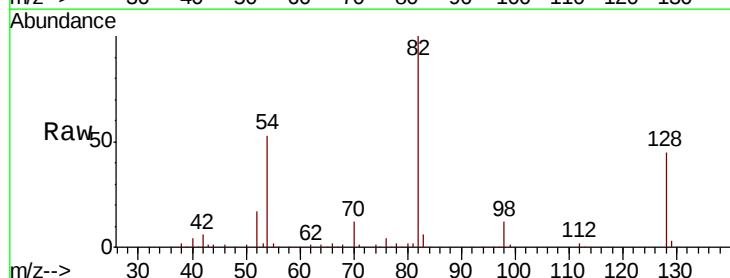
Instrument :
BNA_G
ClientSampleId :

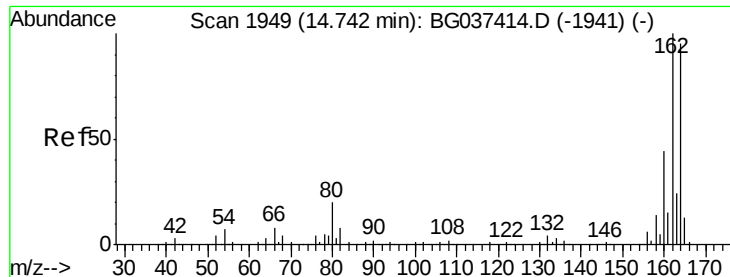
Tot Ion:136	Resp:	227732
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.6 14.4
54	10.1	7.9 11.9
68	6.3	4.8 7.2



#23
Nitrobenzene-d5
Concen: 72.841 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

Tgt Ion: 82	Resp:	296120
Ion	Ratio	Lower Upper
82	100	
128	45.5	34.6 51.8
54	53.4	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

Instrument :

BNA_G

ClientSampleId :

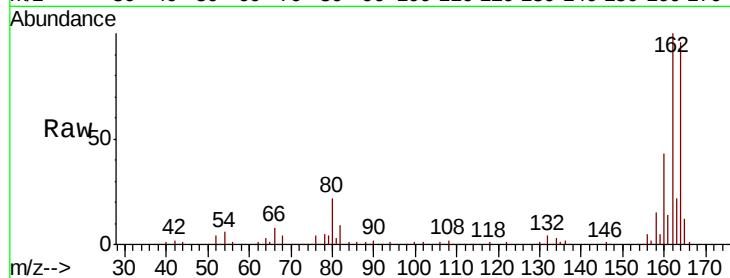
Tot Ion:164 Resp: 158666

Ion Ratio Lower Upper

164 100

162 103.7 81.3 121.9

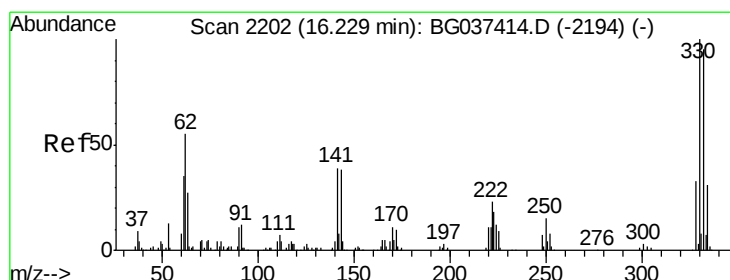
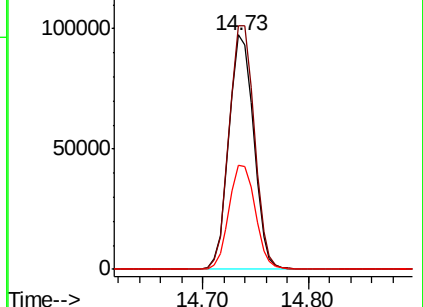
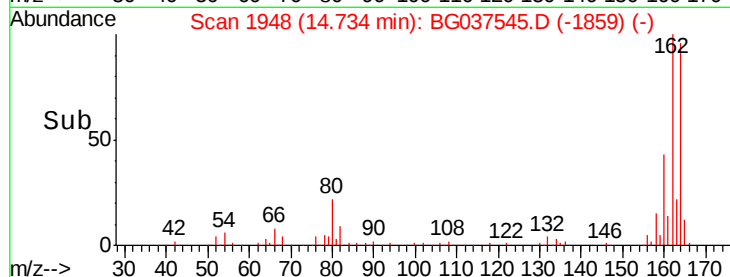
160 44.3 36.3 54.5



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: 107.665 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037545.D

Acq: 25 Oct 2018 15:02

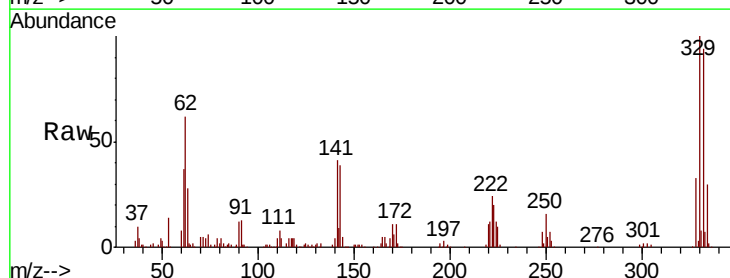
Tgt Ion:330 Resp: 186320

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

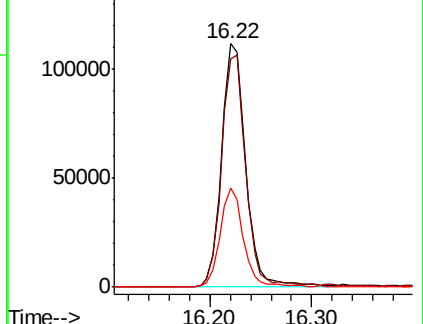
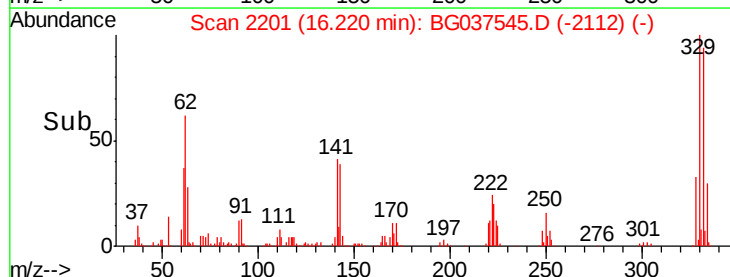
141 39.4 32.2 48.2



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

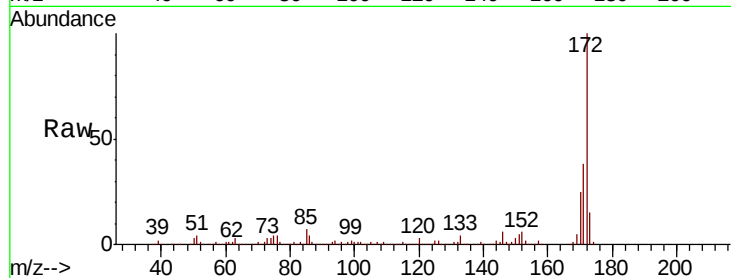




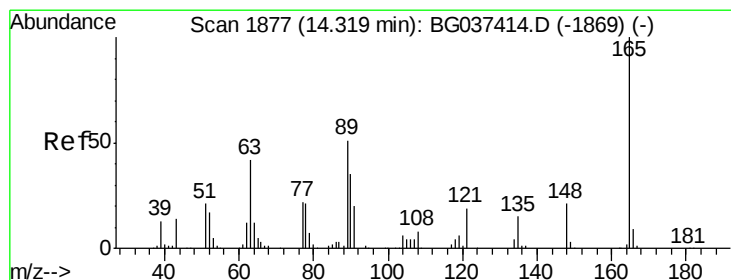
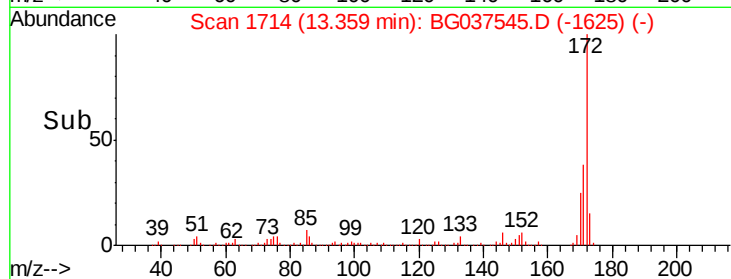
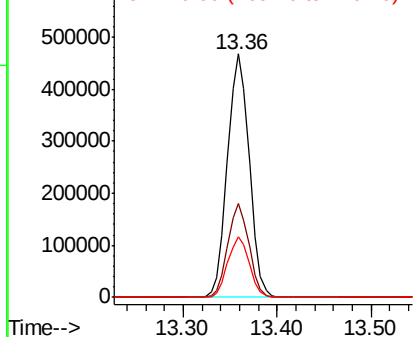
#45
2-Fluorobiphenyl
Concen: 71.501 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	24.8	20.2	30.2

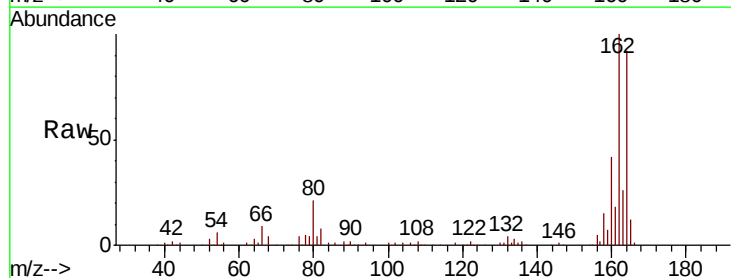


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

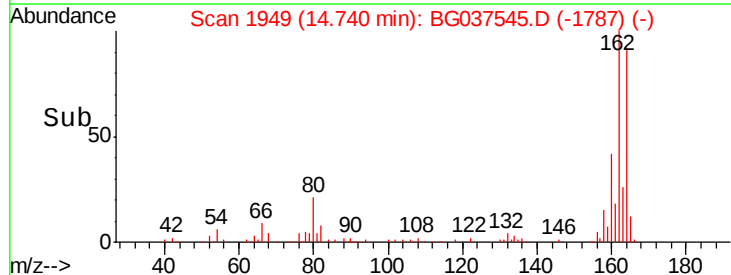
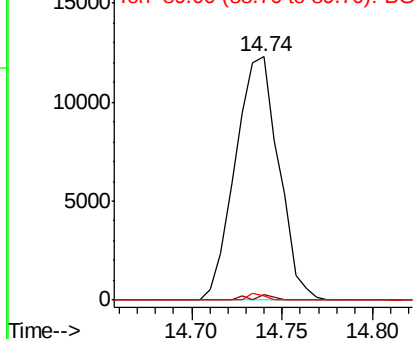


#51
2,6-Dinitrotoluene
Concen: 7.527 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.42 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	43.4	65.2#
89	1.7	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

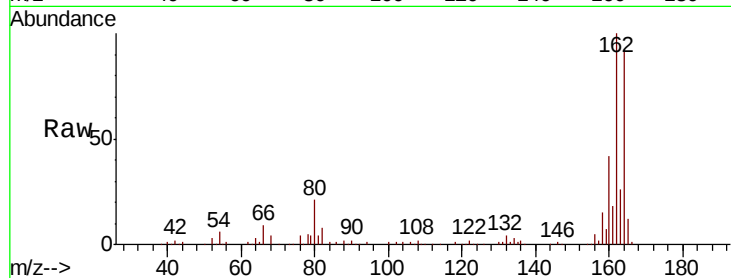




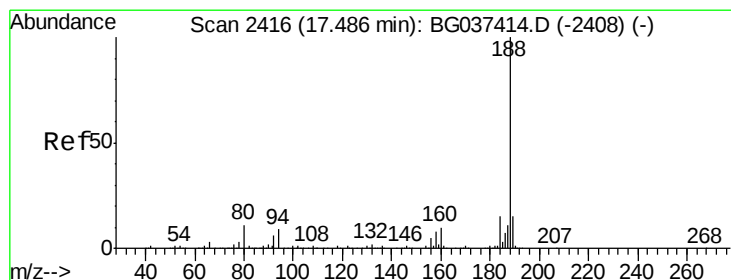
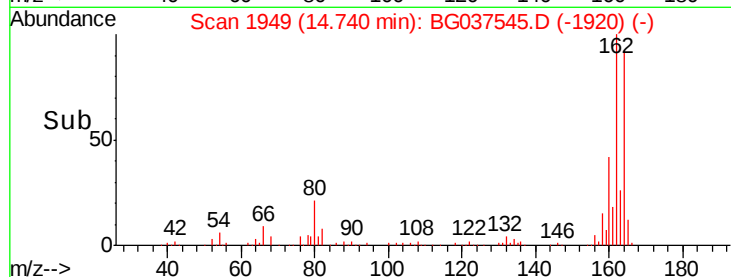
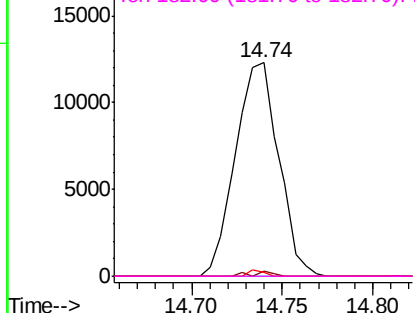
#57
 2,4-Dinitrotoluene
 Concen: 5.734 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	20438
Ion Ratio	Lower	Upper
165	100	
63	2.5	33.4 50.0#
89	1.7	57.2 85.8#
182	0.0	2.6 4.0#

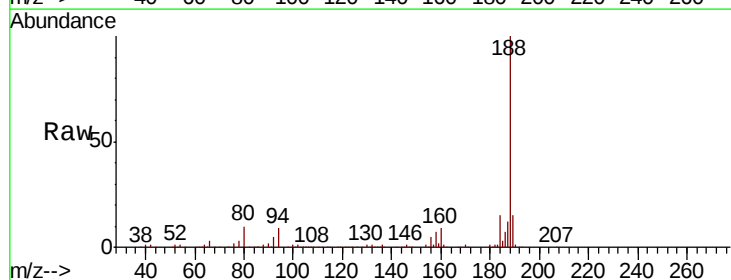


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

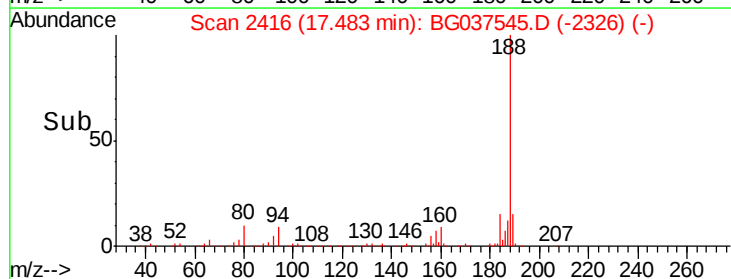
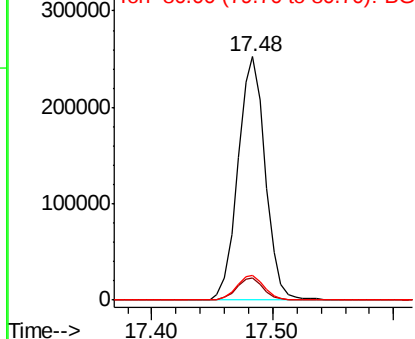


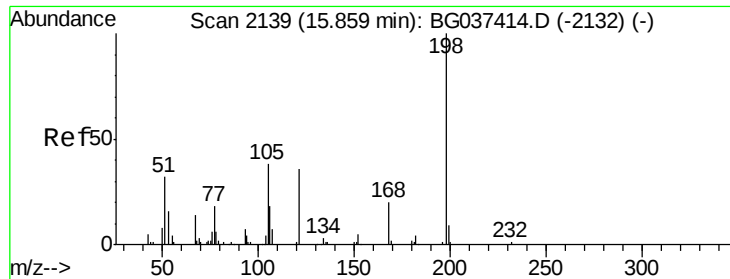
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Tgt Ion:188	Resp:	397697
Ion Ratio	Lower	Upper
188	100	
94	9.1	7.2 10.8
80	10.2	7.7 11.5



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

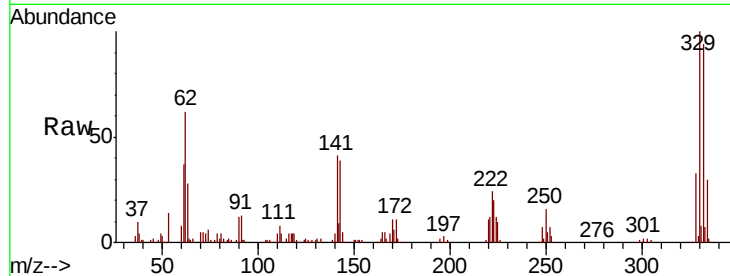




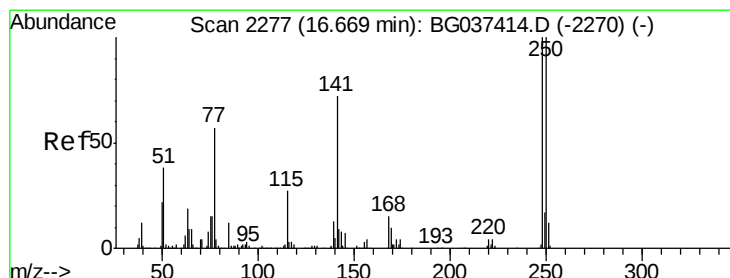
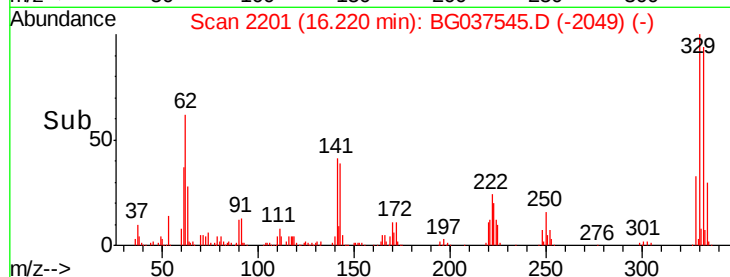
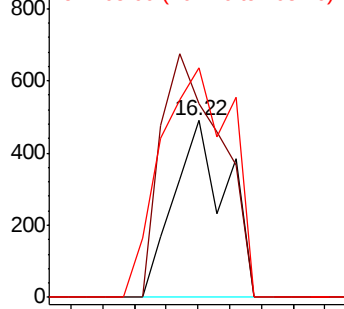
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.730 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 564
 Ion Ratio Lower Upper
 198 100
 51 24.9 22.7 62.7
 105 29.5 19.7 59.7

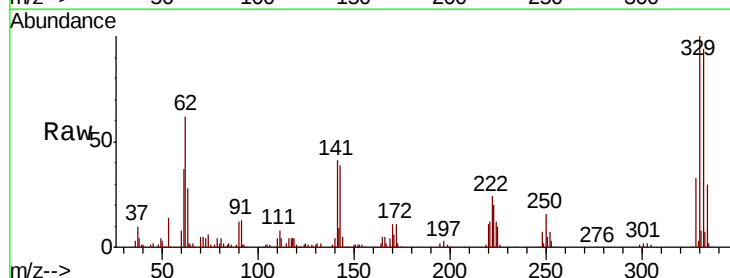


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

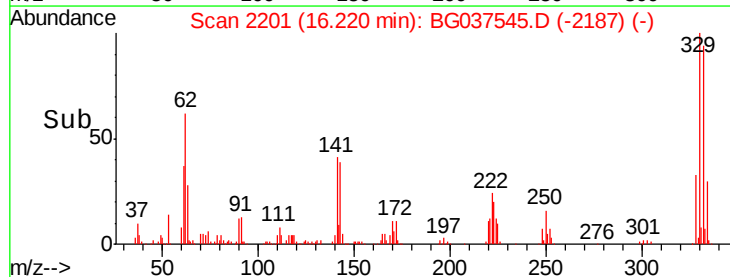
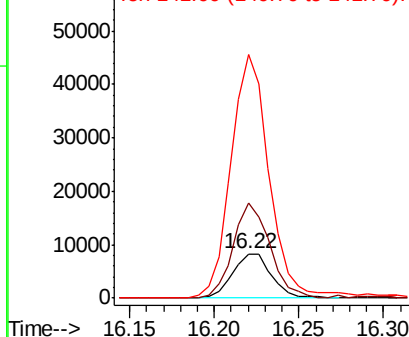


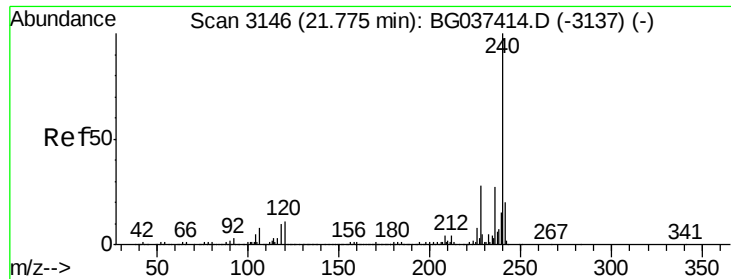
#67
 4-Bromophenyl-phenylether
 Concen: 3.018 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Tgt Ion:248 Resp: 13180
 Ion Ratio Lower Upper
 248 100
 250 209.8 77.0 115.6#
 141 416.6 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

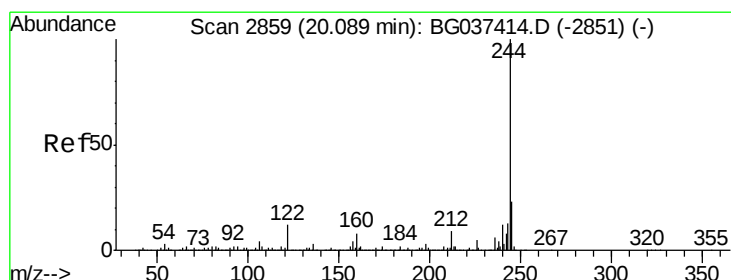
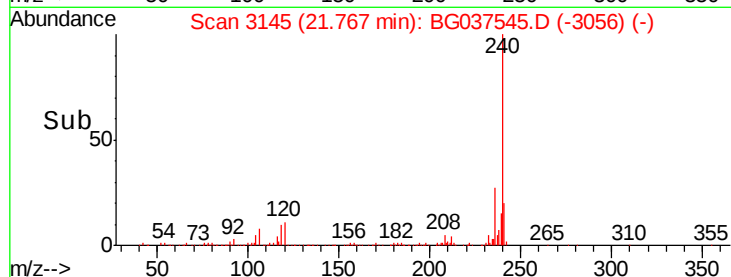
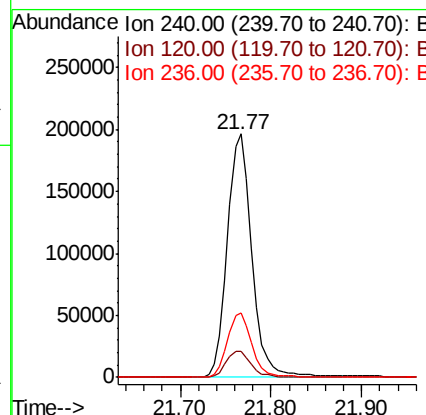
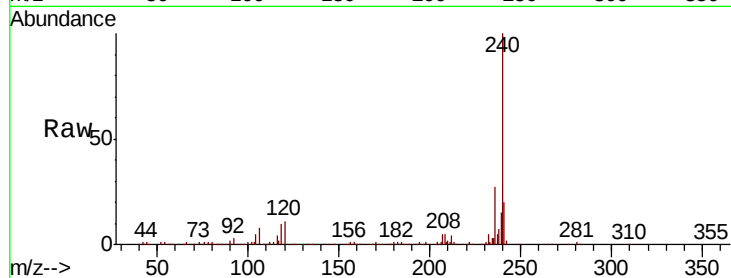




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

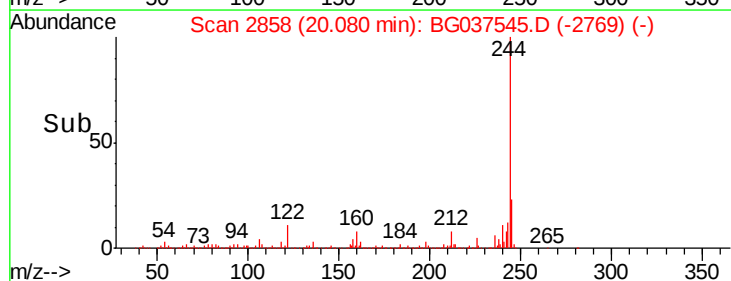
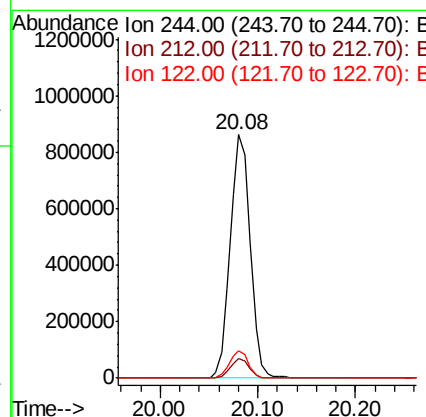
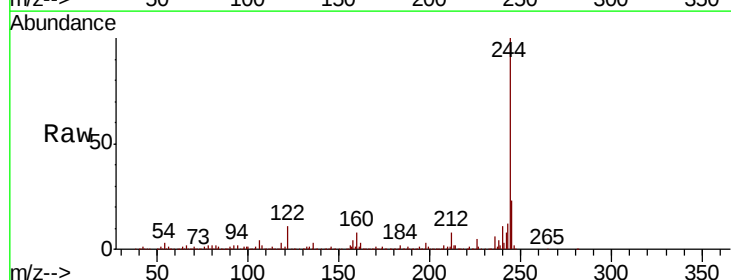
Instrument :
 BNA_G
 ClientSampled :

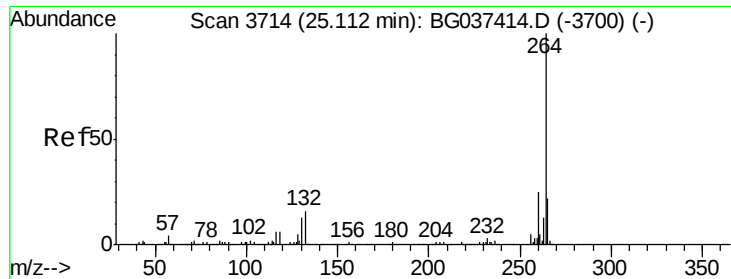
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	26.6	21.4	32.0



#79
 Terphenyl-d14
 Concen: 70.957 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037545.D
 Acq: 25 Oct 2018 15:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.5	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037545.D
Acq: 25 Oct 2018 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	23.6	17.9	26.9

