

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037928.D
 Acq On : 9 Nov 2018 19:57
 Operator : JU/SJ
 Sample : J5876-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 48382-47191-47202

Quant Time: Nov 12 06:10:38 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

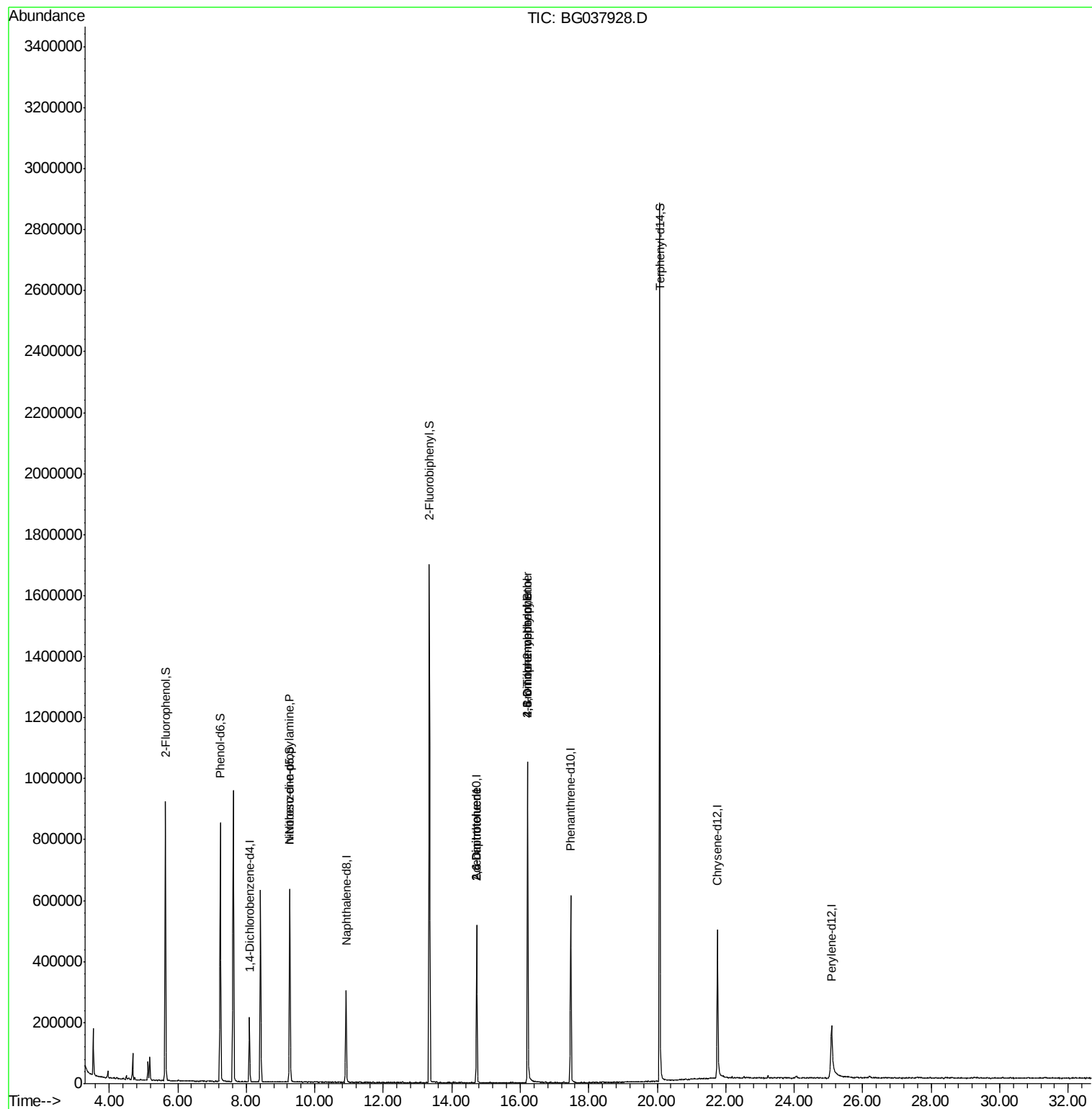
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	62356	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	281778	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	186298	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	413729	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	368337	20.00	ng	-0.02
87) Perylene-d12	25.09	264	286079	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	418056	112.09	ng	0.00
7) Phenol-d6	7.24	99	550362	97.58	ng	0.00
23) Nitrobenzene-d5	9.27	82	400036	79.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	204507	100.65	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	938101	75.93	ng	-0.02
79) Terphenyl-d14	20.07	244	1422975	82.55	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	49896	12.848	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	24366	7.642	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	24366	5.822	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	254	8.604	ng	80
67) 4-Bromophenyl-phenylether	16.21	248	14538	3.200	ng	# 1

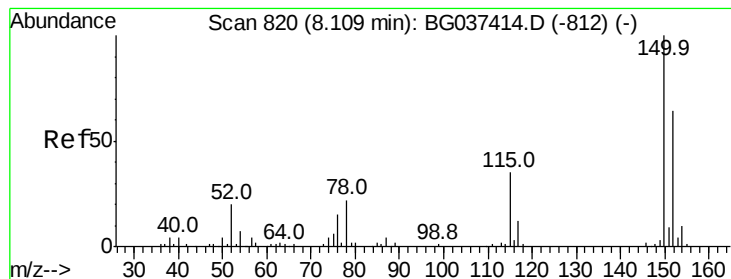
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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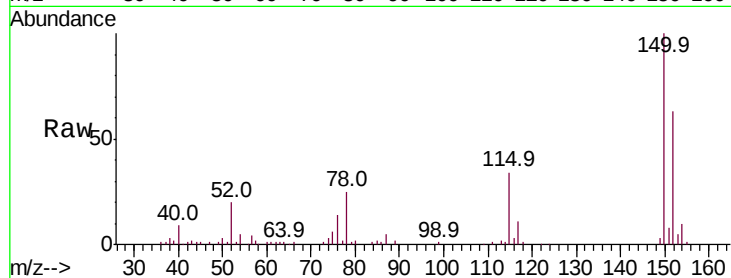


#1

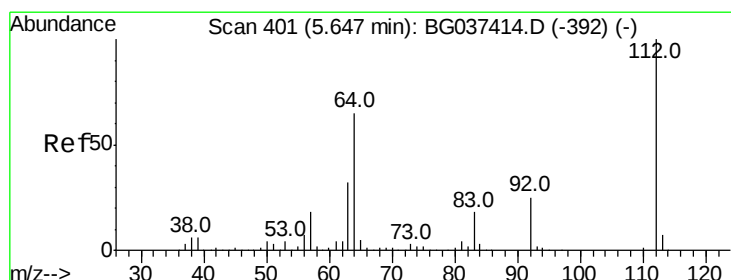
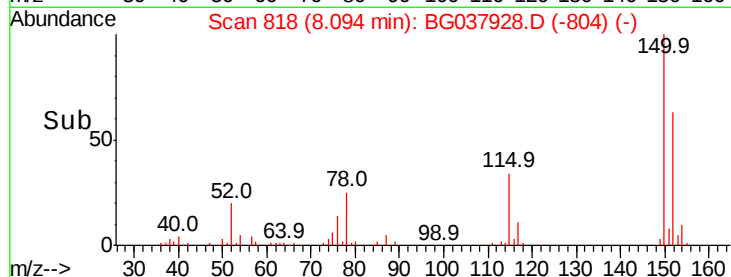
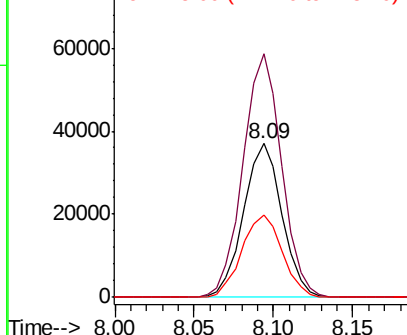
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
48382-47191-47202

Tot Ion:152 Resp: 62356
Ion Ratio Lower Upper
152 100
150 158.4 126.0 189.0
115 53.4 45.5 68.3



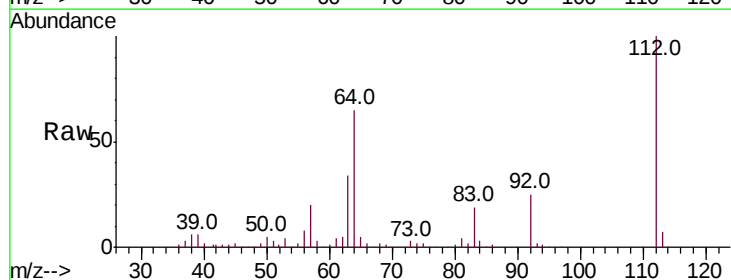
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



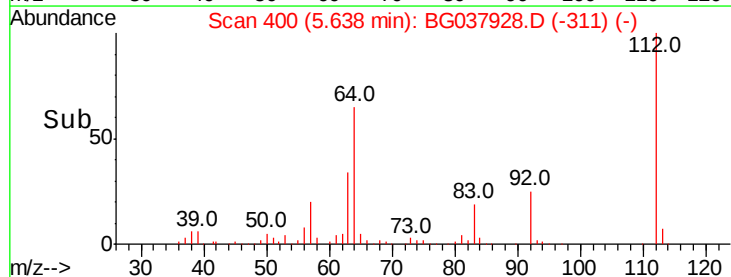
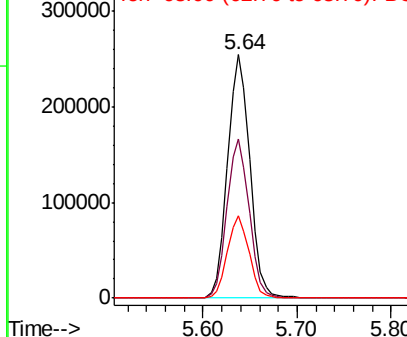
#5

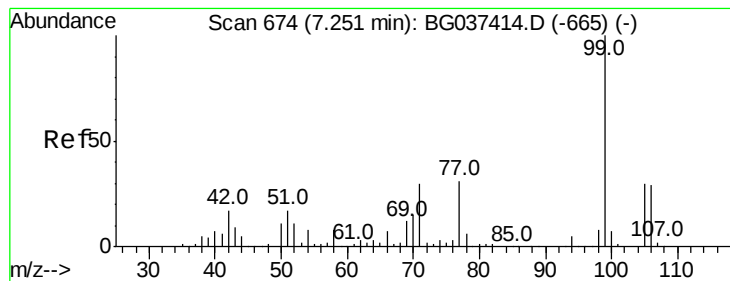
2-Fluorophenol
Concen: 112.087 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Tgt Ion:112 Resp: 418056
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 33.7 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: 97.584 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

48382-47191-47202

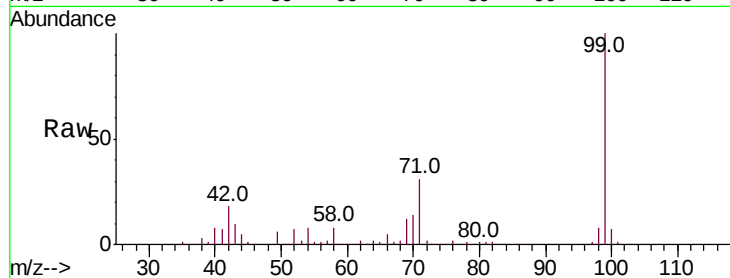
Tot Ion: 99 Resp: 550362

Ion Ratio Lower Upper

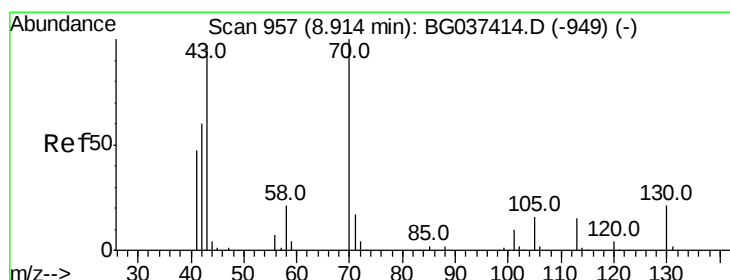
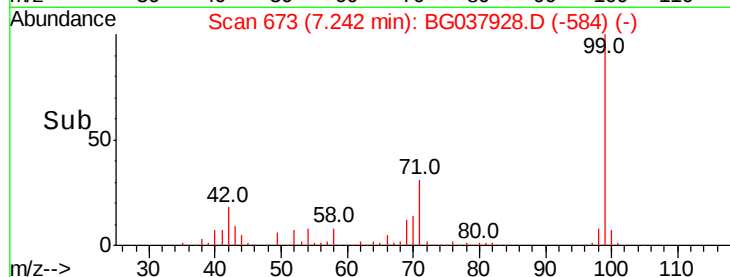
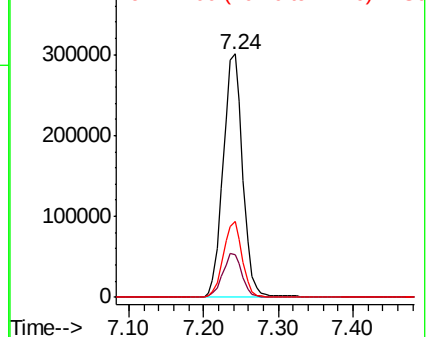
99 100

42 17.8 15.0 22.4

71 31.2 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: 12.848 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

Tgt Ion: 70 Resp: 49896

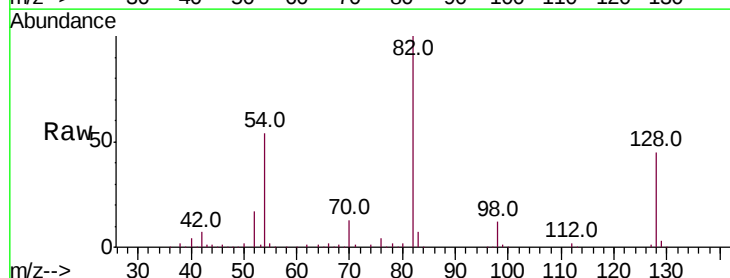
Ion Ratio Lower Upper

70 100

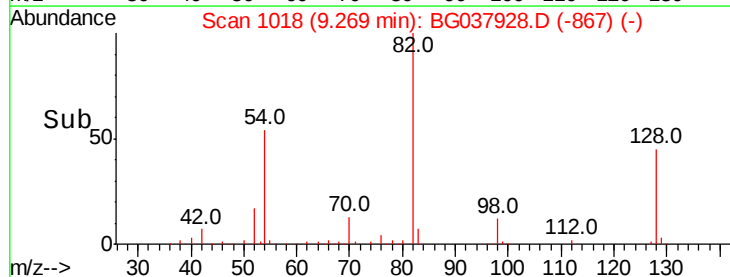
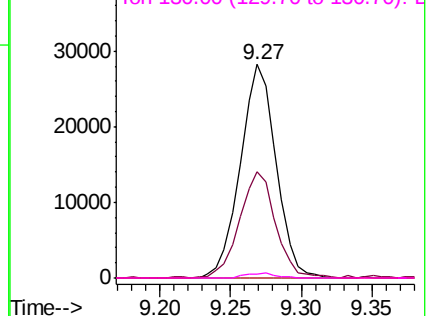
42 50.0 53.9 80.9#

101 0.0 8.2 12.2#

130 2.1 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

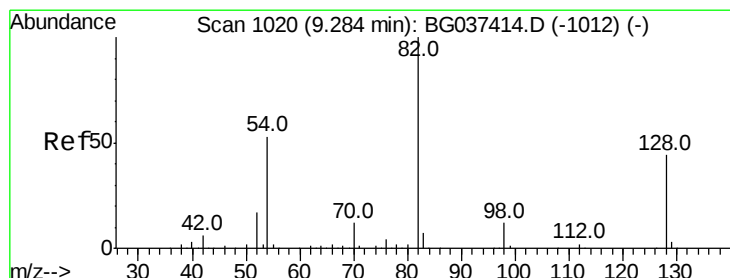
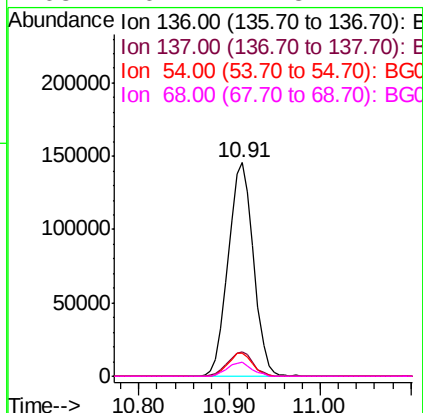
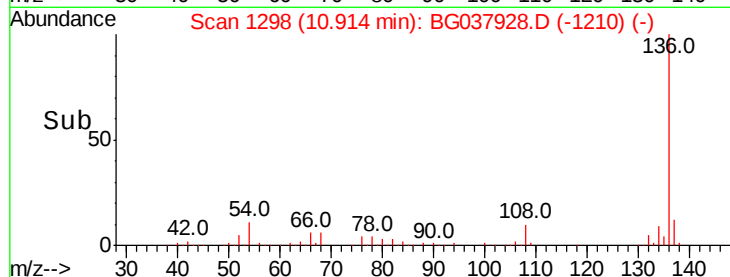
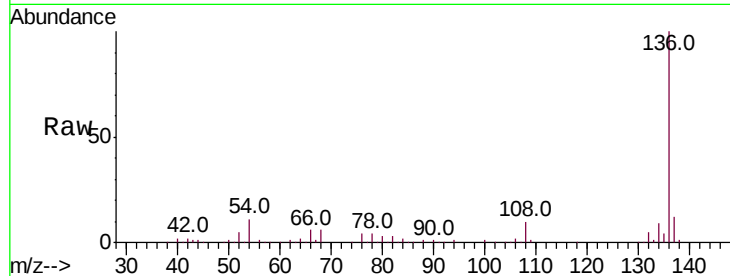




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

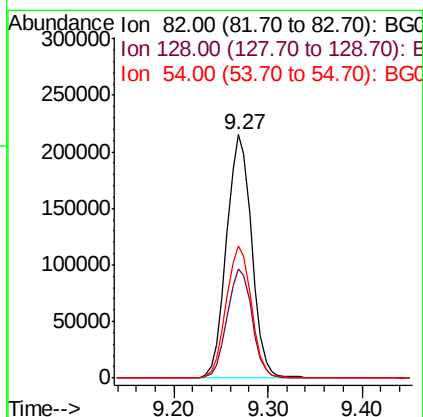
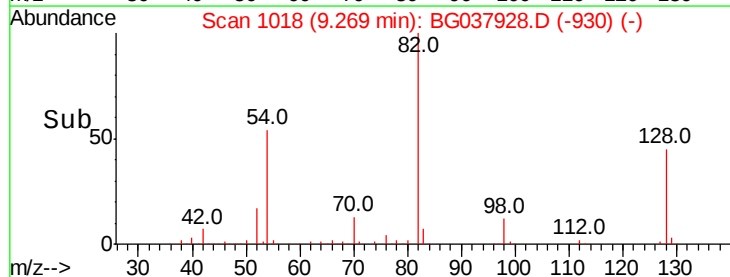
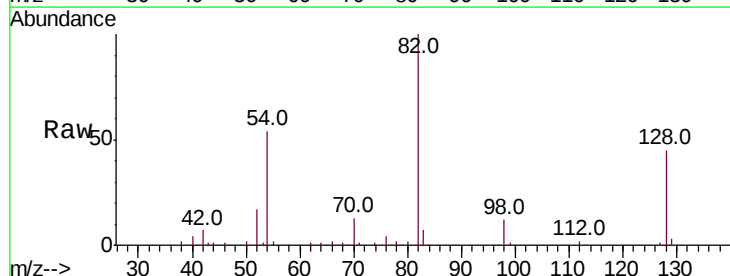
Instrument :
BNA_G
ClientSampleId :
48382-47191-47202

Tot Ion:	136	Resp:	281778
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.5	7.9	11.9
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 79.529 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Tgt Ion:	82	Resp:	400036
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	54.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

48382-47191-47202

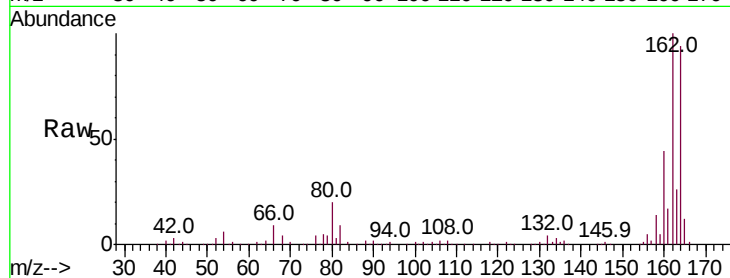
Tot Ion:164 Resp: 186298

Ion Ratio Lower Upper

164 100

162 106.1 81.3 121.9

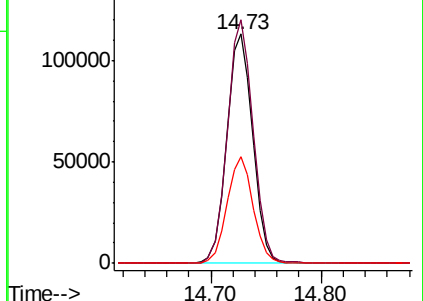
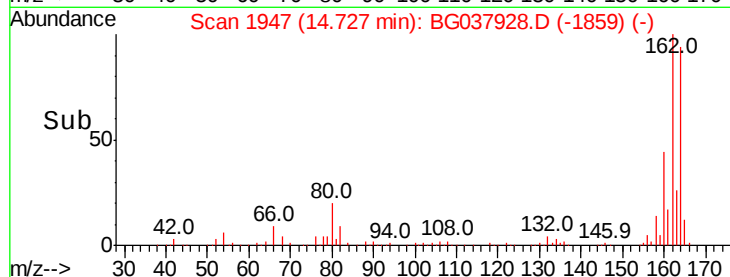
160 46.4 36.3 54.5



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: 100.647 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

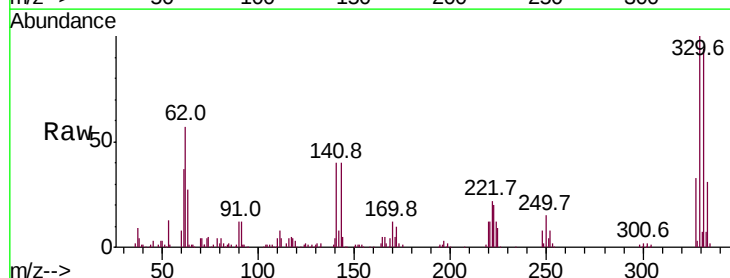
Tgt Ion:330 Resp: 204507

Ion Ratio Lower Upper

330 100

332 97.1 78.4 117.6

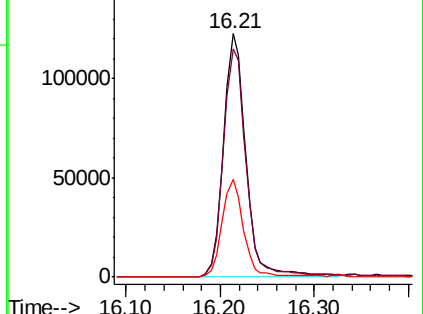
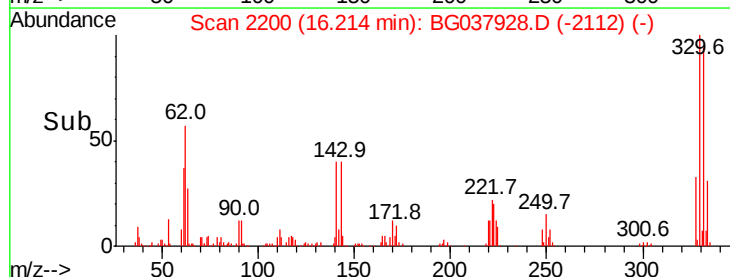
141 38.6 32.2 48.2

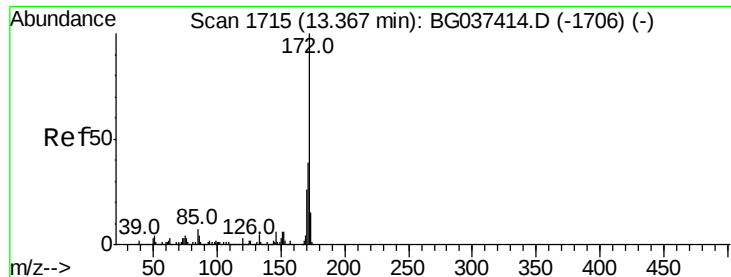


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 75.932 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

Instrument :

BNA_G

ClientSampleId :

48382-47191-47202

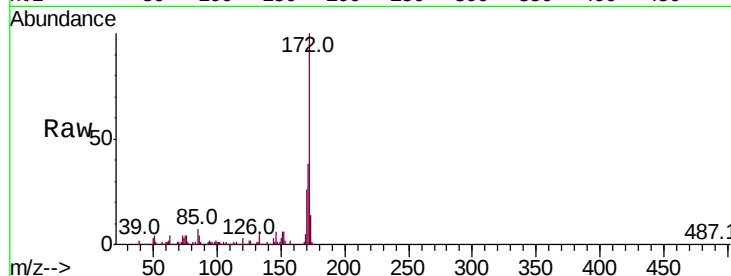
Tot Ion:172 Resp: 938101

Ion Ratio Lower Upper

172 100

171 37.9 31.0 46.4

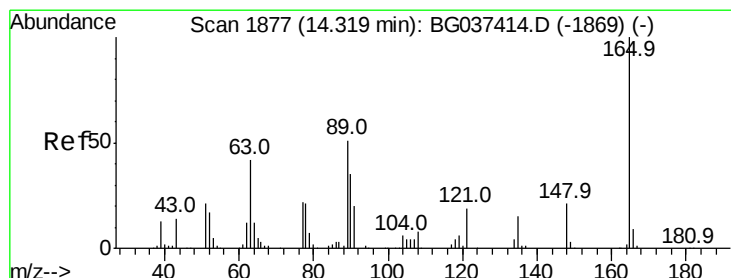
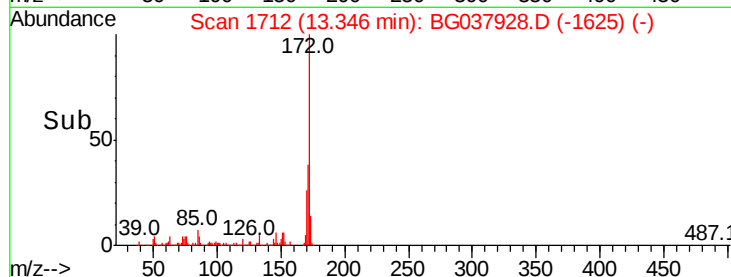
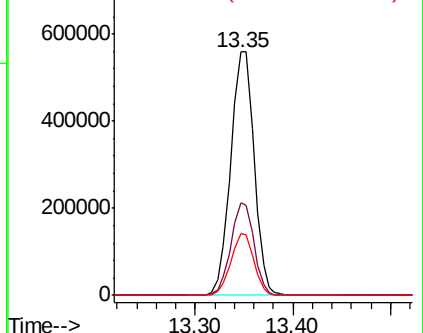
170 25.6 20.2 30.2



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: 7.642 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.41 min

Lab File: BG037928.D

Acq: 9 Nov 2018 19:57

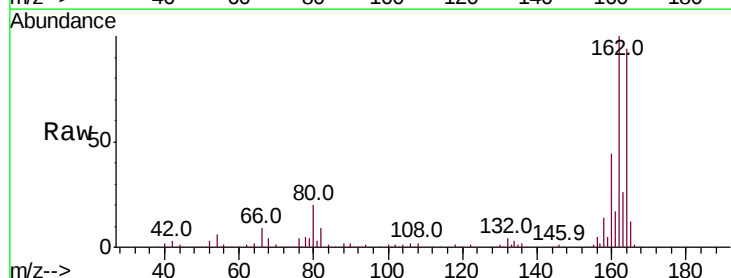
Tgt Ion:165 Resp: 24366

Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.2#

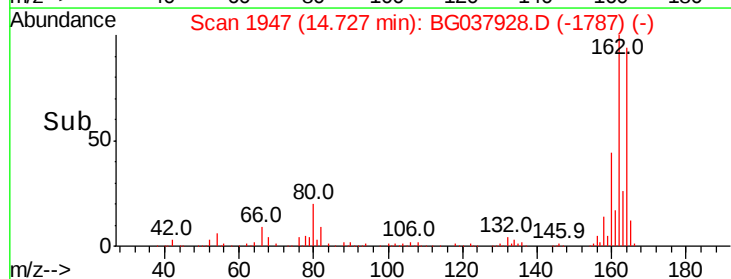
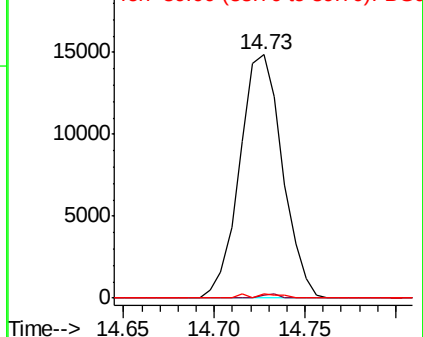
89 1.6 45.8 68.6#

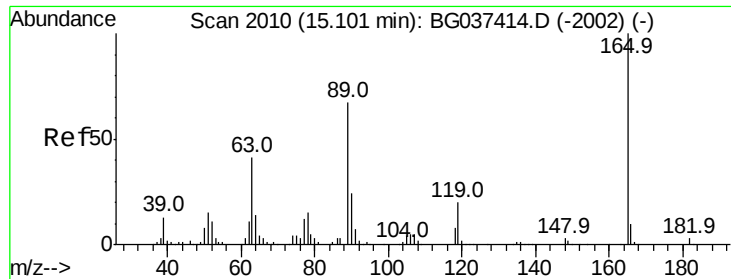


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

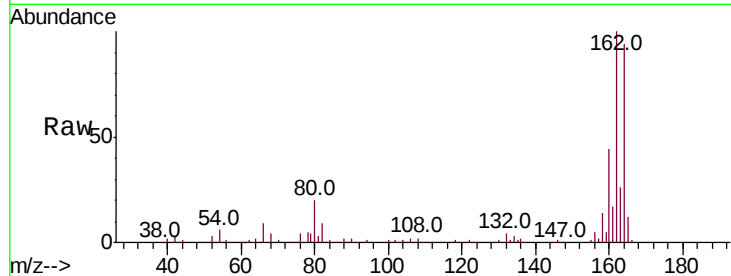




#57
 2,4-Dinitrotoluene
 Concen: 5.822 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037928.D
 Acq: 9 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 48382-47191-47202

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#

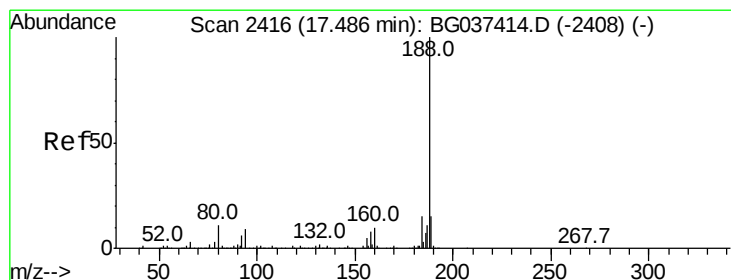
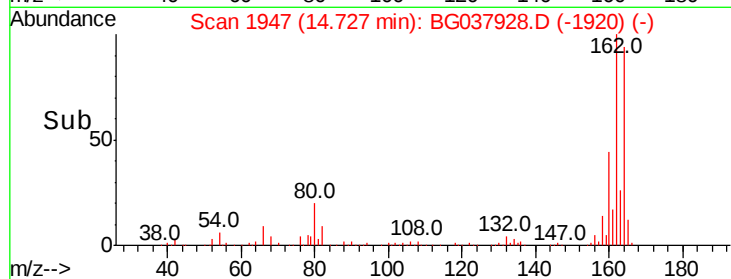
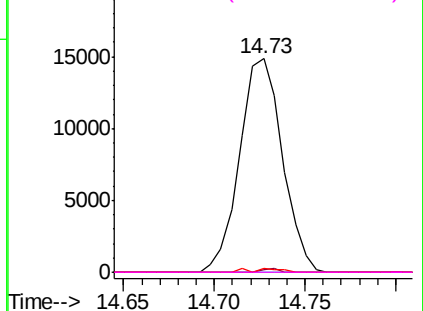


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

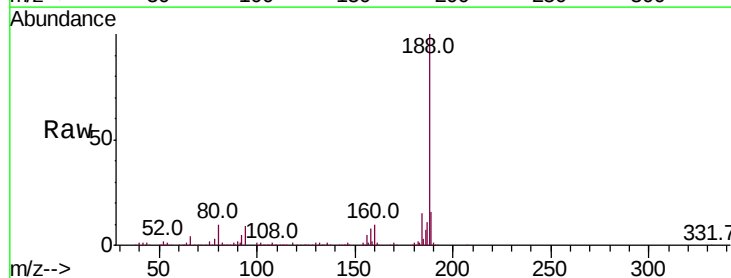
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG037928.D
 Acq: 9 Nov 2018 19:57

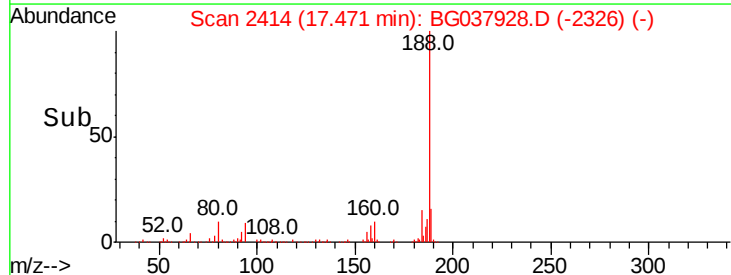
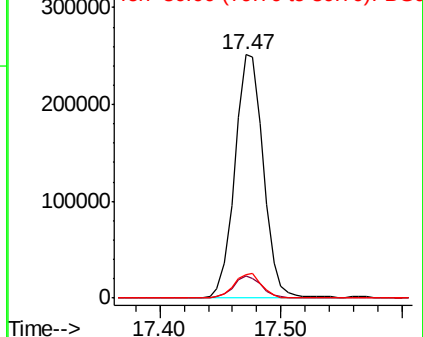
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.8	7.7	11.5

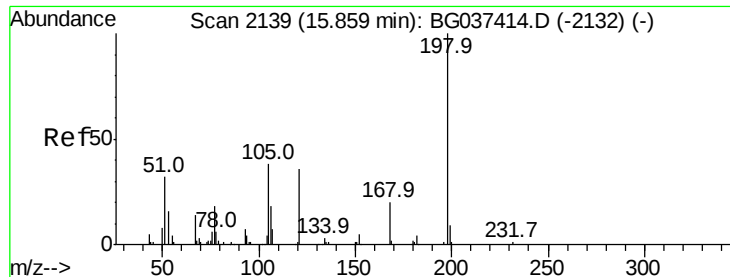


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

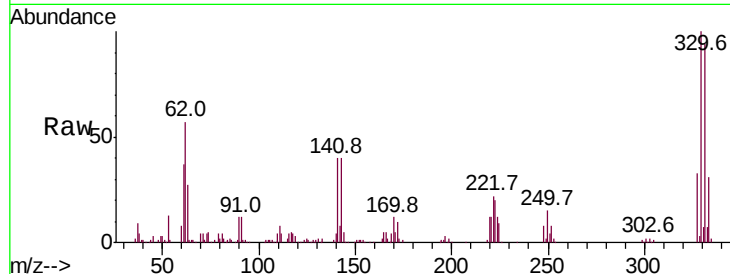




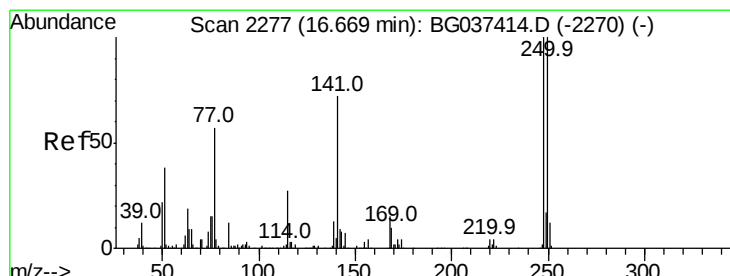
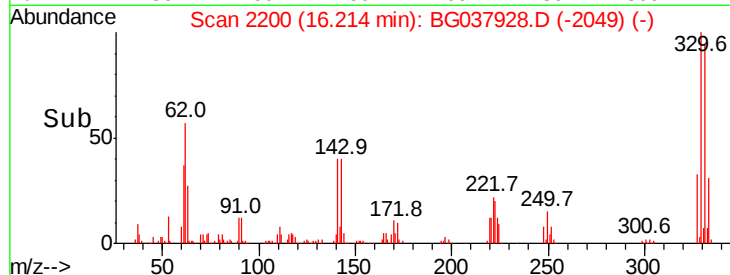
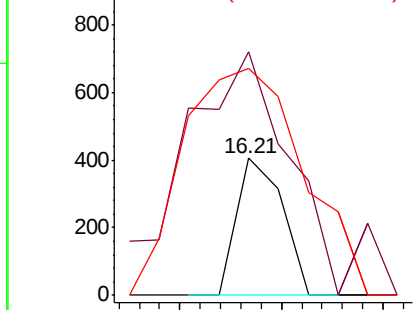
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.604 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037928.D
 Acq: 9 Nov 2018 19:57

Instrument :
 BNA_G
 ClientSampleId :
 48382-47191-47202

Tot Ion:198 Resp: 254
 Ion Ratio Lower Upper
 198 100
 51 30.0 22.7 62.7
 105 27.9 19.7 59.7

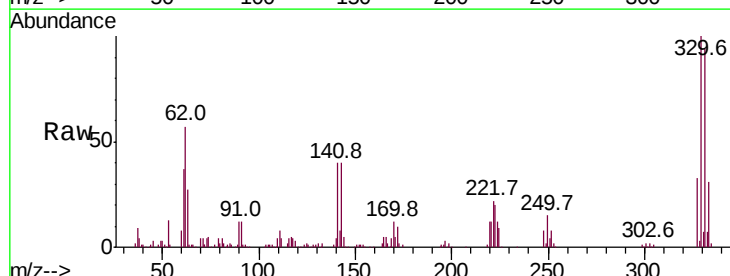


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

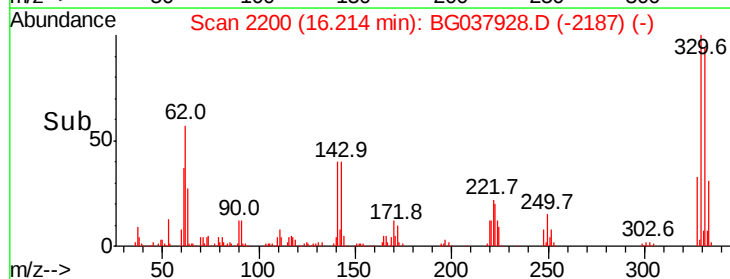
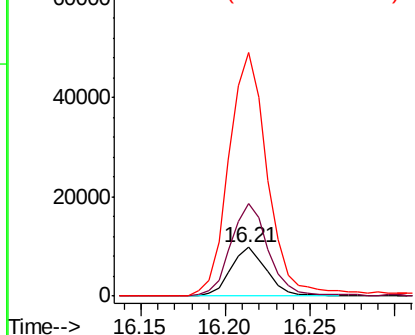


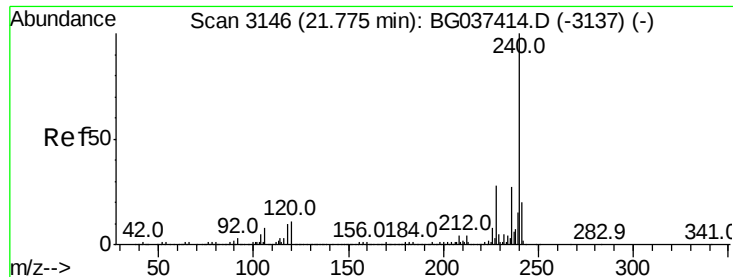
#67
 4-Bromophenyl-phenylether
 Concen: 3.200 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037928.D
 Acq: 9 Nov 2018 19:57

Tgt Ion:248 Resp: 14538
 Ion Ratio Lower Upper
 248 100
 250 195.7 77.0 115.6#
 141 395.5 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

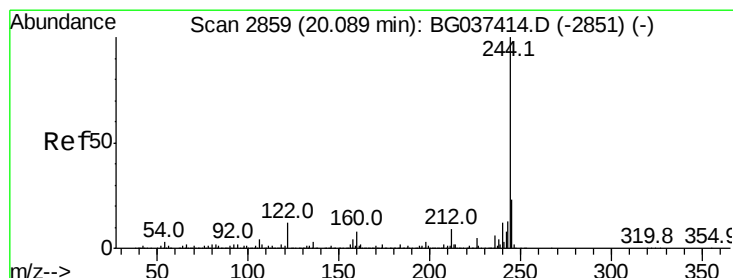
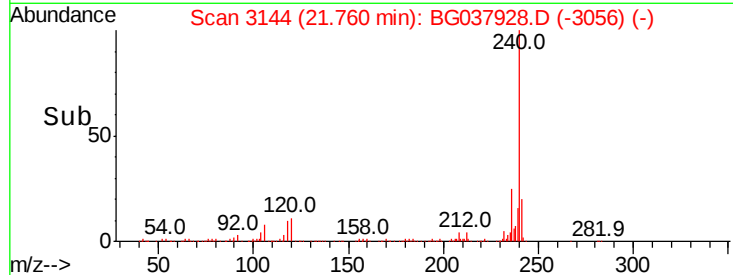
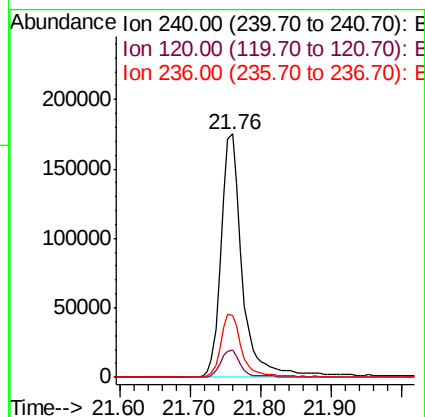
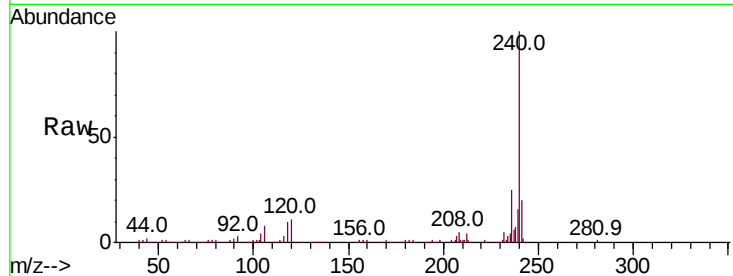




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG037928.D
 Acq: 9 Nov 2018 19:57

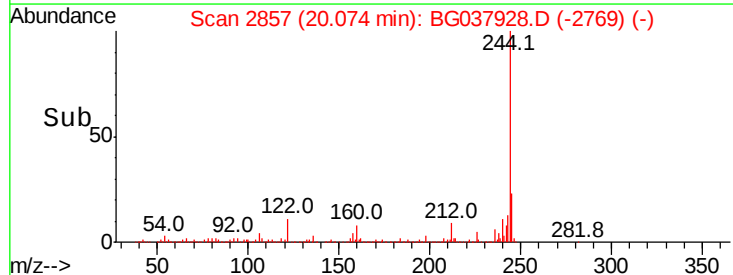
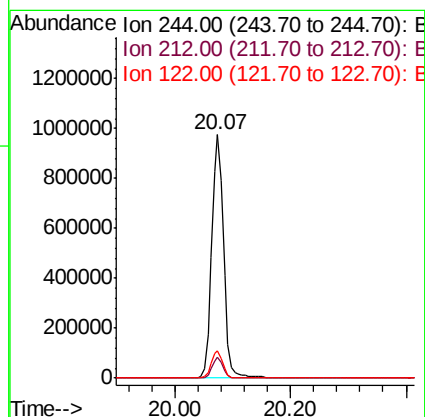
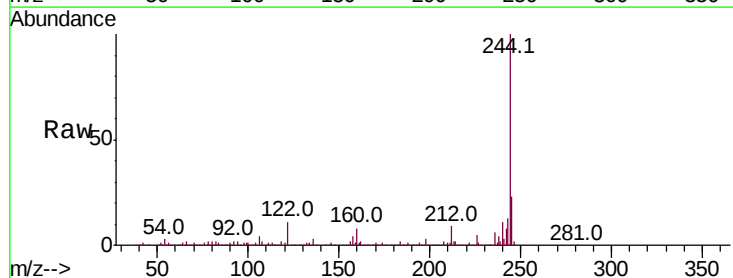
Instrument :
 BNA_G
 ClientSampleId :
 48382-47191-47202

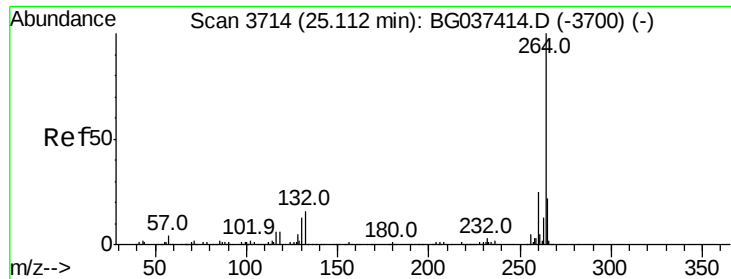
Tot Ion:240 Resp: 368337
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.1 12.1
 236 25.5 21.4 32.0



#79
 Terphenyl-d14
 Concen: 82.548 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BG037928.D
 Acq: 9 Nov 2018 19:57

Tgt Ion:244 Resp: 1422975
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 11.3 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037928.D
Acq: 9 Nov 2018 19:57

Instrument :
BNA_G
ClientSampleId :
48382-47191-47202

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.8	17.9	26.9

