

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038294.D
 Acq On : 1 Dec 2018 19:26
 Operator : JU/SJ
 Sample : PB115213TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115213TB

Quant Time: Dec 03 01:09:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

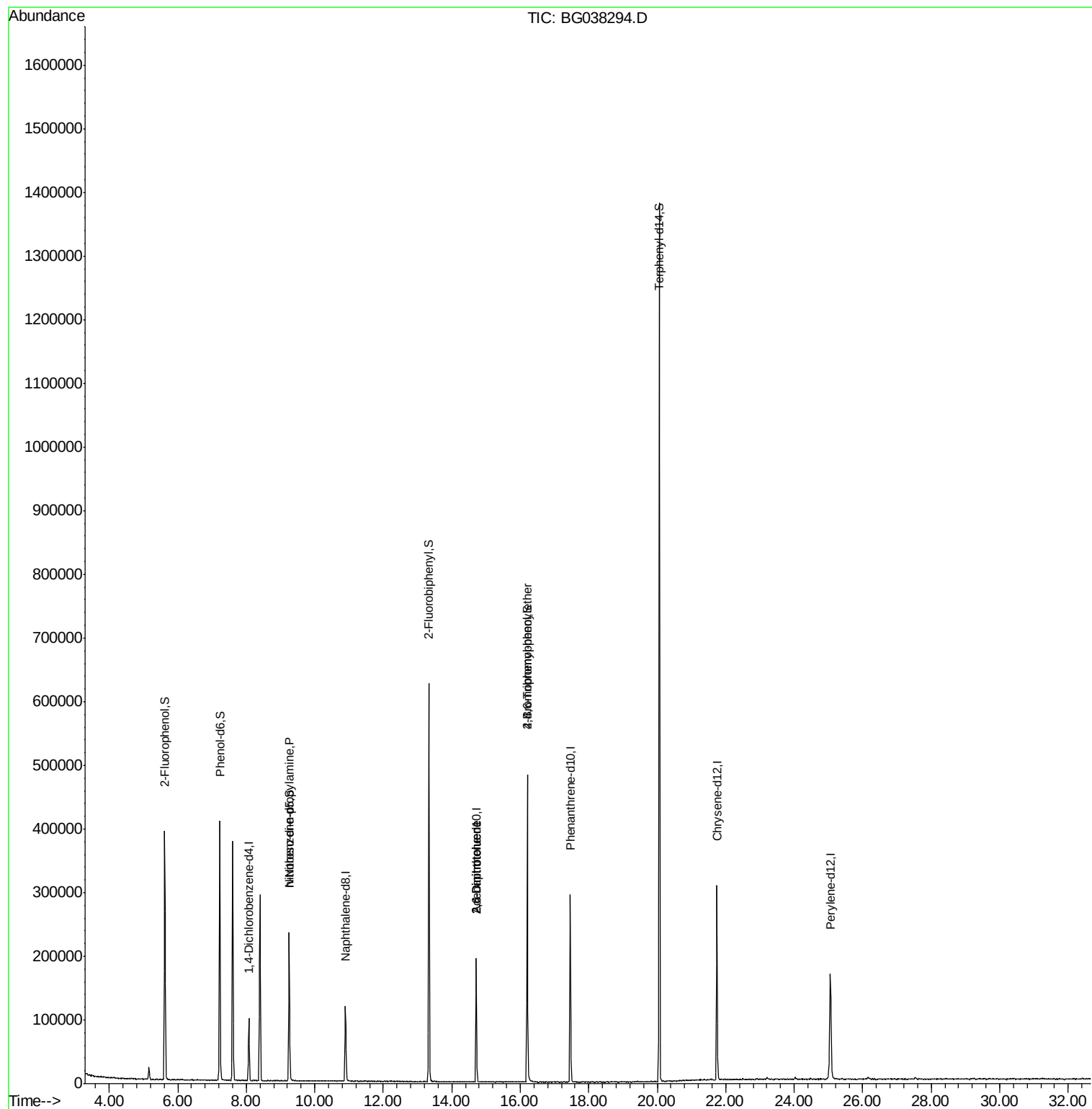
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	28115	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	112199	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	72669	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	195986	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	192453	20.00	ng	-0.01
87) Perylene-d12	25.06	264	196544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	172635	106.02	ng	0.00
7) Phenol-d6	7.22	99	235716	101.41	ng	0.00
23) Nitrobenzene-d5	9.25	82	148247	70.73	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	92147	111.18	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	343407	68.85	ng	-0.01
79) Terphenyl-d14	20.06	244	657000	80.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	19767	11.753	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	9283	7.120	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	9283	5.233	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6715	3.122	ng	# 1

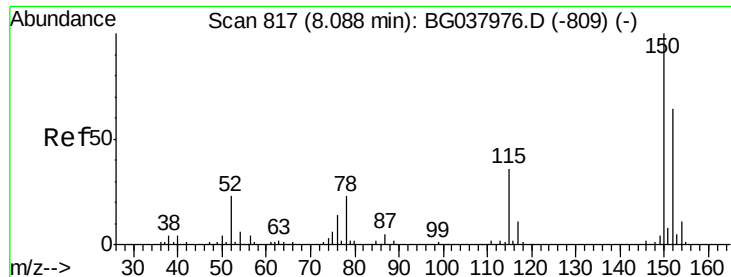
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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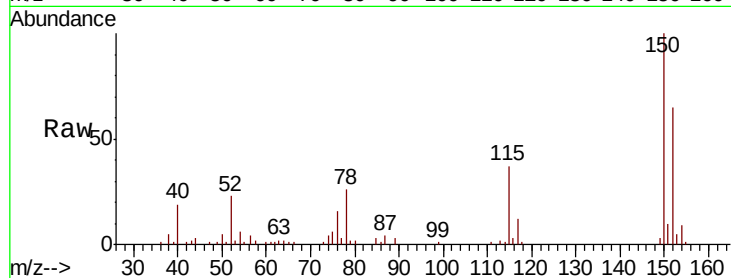


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

Instrument :
BNA_G
ClientSampleId :
PB115213TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.0	189.0
115	57.7	45.5	68.3

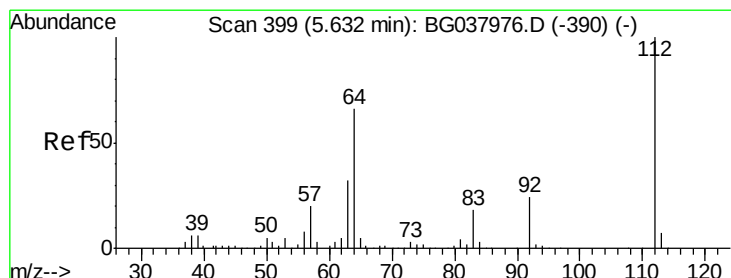
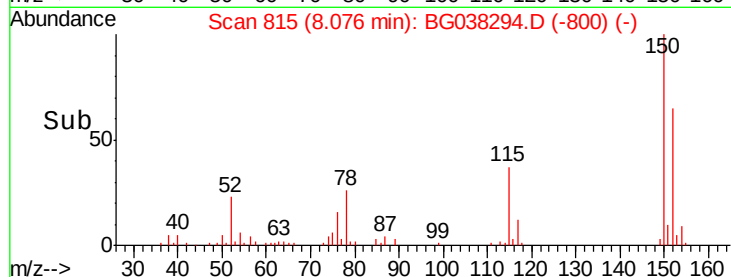
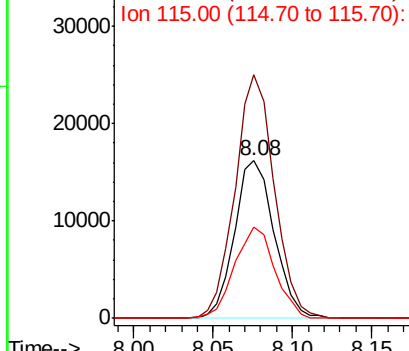


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

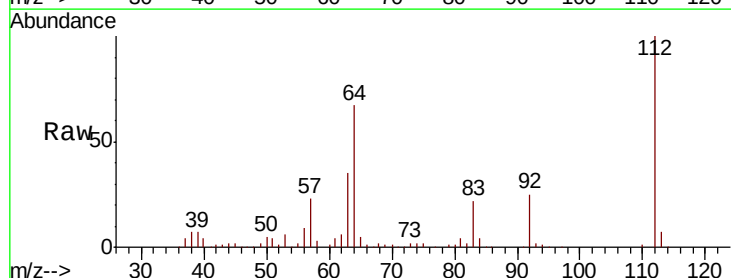
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.017 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.1	79.7
63	34.7	27.3	40.9

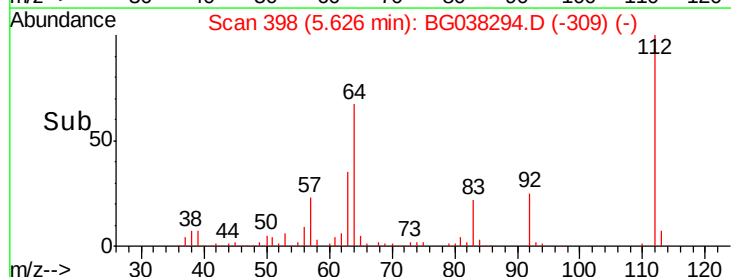
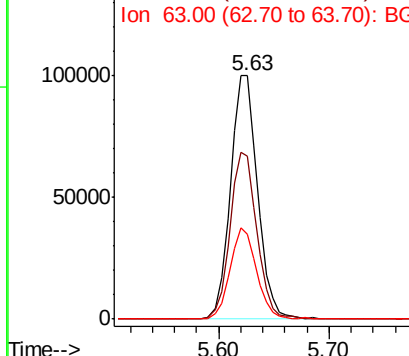


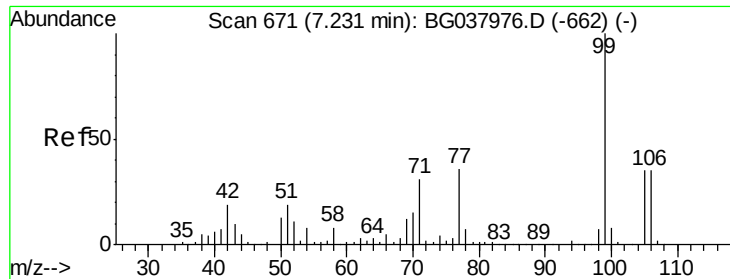
Abundance

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: 101.409 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB115213TB

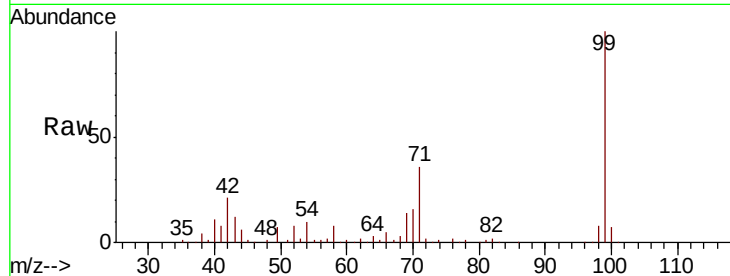
Tot Ion: 99 Resp: 235716

Ion Ratio Lower Upper

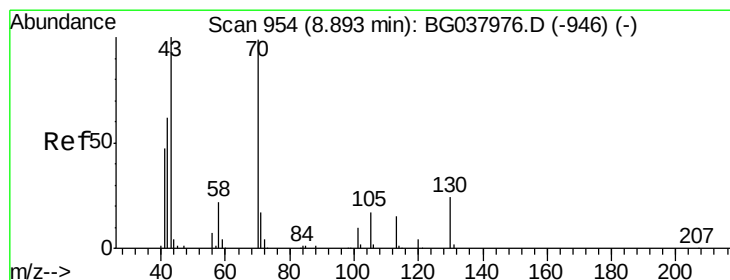
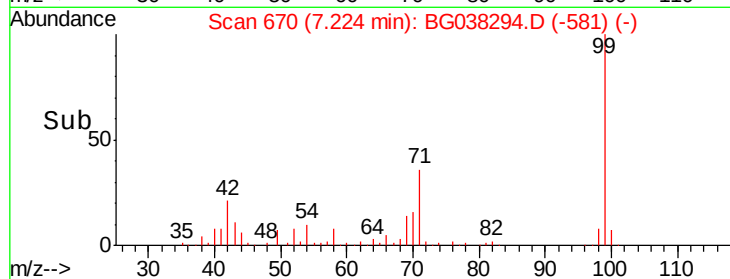
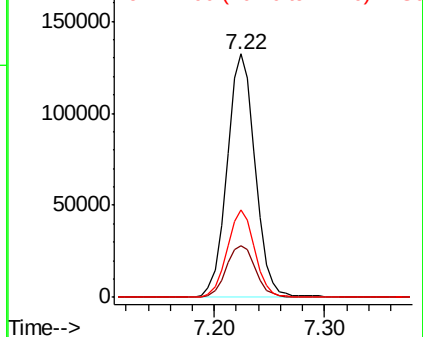
99 100

42 21.2 15.0 22.4

71 35.8 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: 11.753 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

Tgt Ion: 70 Resp: 19767

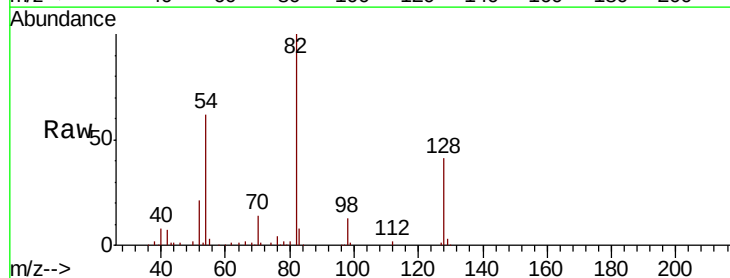
Ion Ratio Lower Upper

70 100

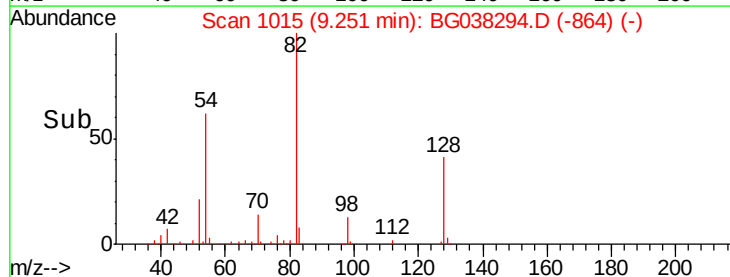
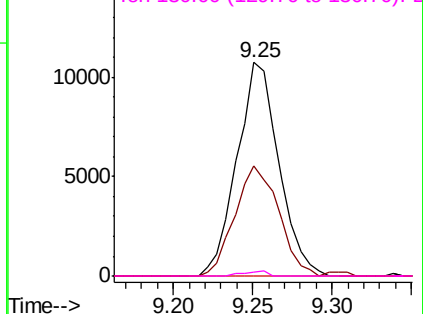
42 51.7 53.9 80.9#

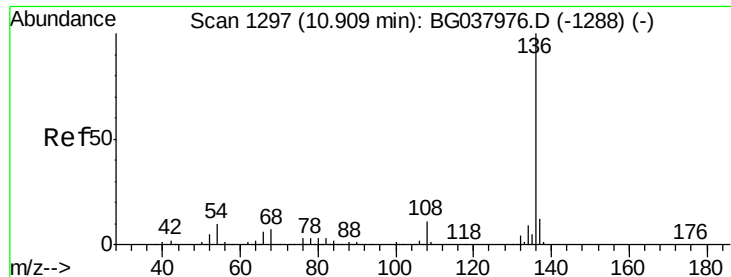
101 0.0 8.2 12.2#

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

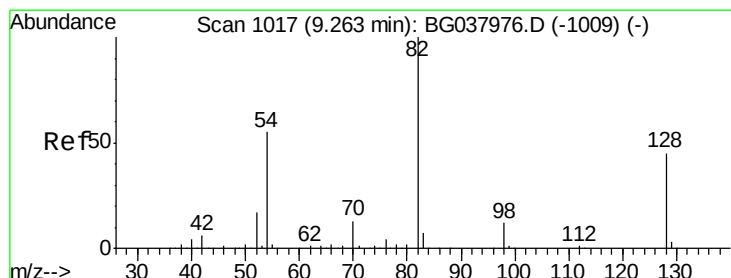
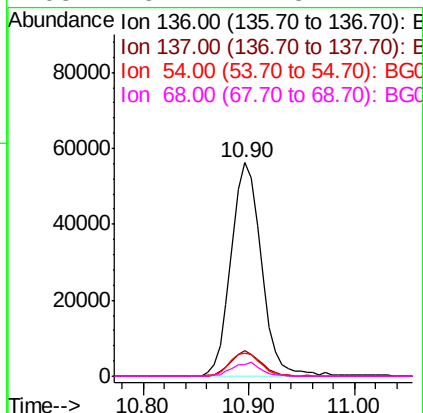
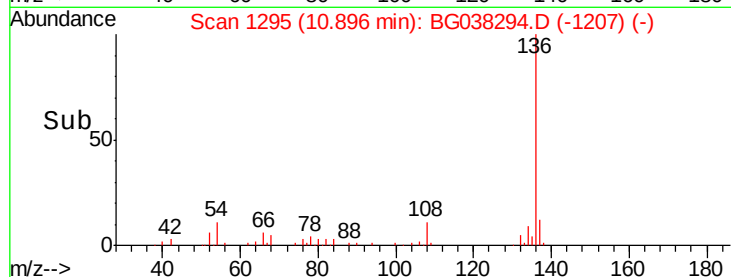
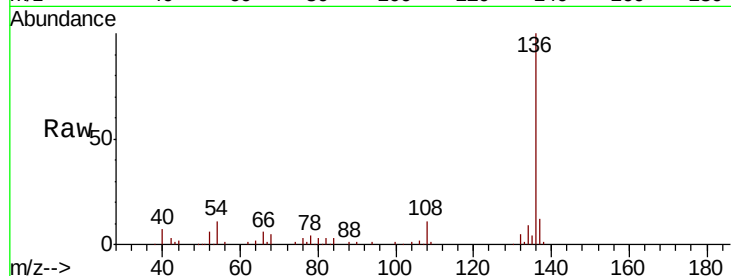




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

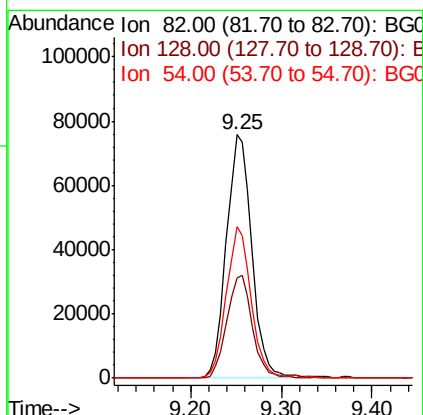
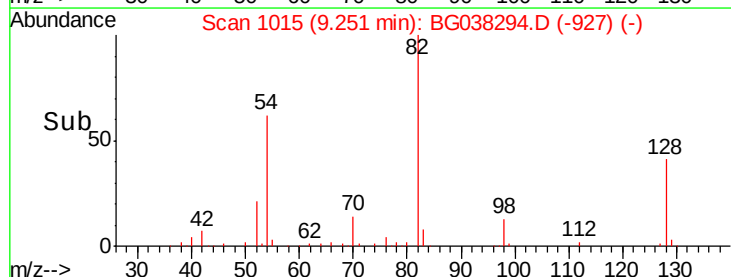
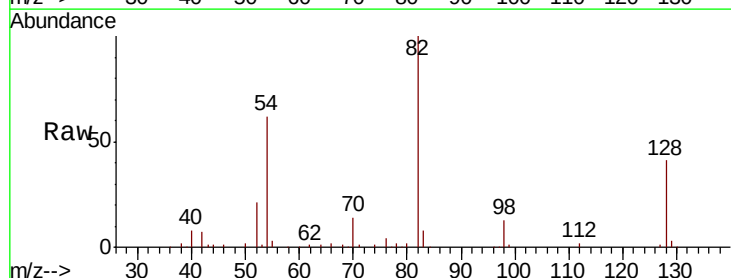
Instrument :
BNA_G
ClientSampleId :
PB115213TB

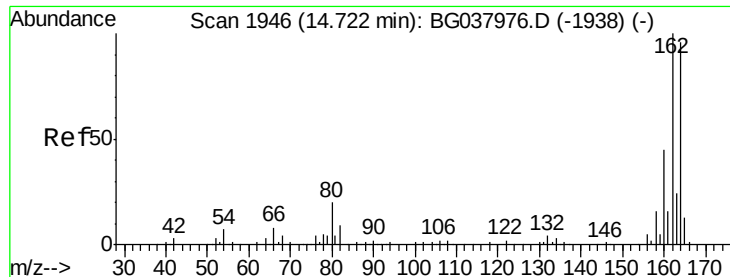
Tot Ion:136	Resp:	112199
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.6 14.4
54	11.0	7.9 11.9
68	5.4	4.8 7.2



#23
Nitrobenzene-d5
Concen: 70.729 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

Tgt Ion: 82	Resp:	148247
Ion	Ratio	Lower Upper
82	100	
128	41.4	34.6 51.8
54	62.3	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB115213TB

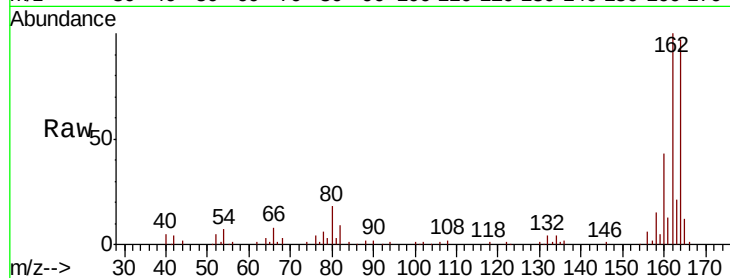
Tot Ion:164 Resp: 72669

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

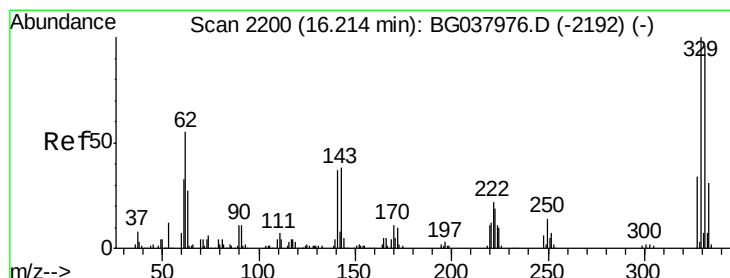
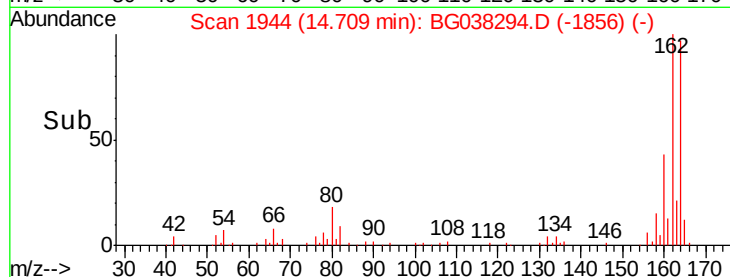
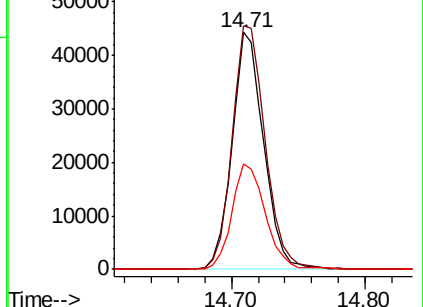
160 44.5 36.3 54.5



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: 111.185 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

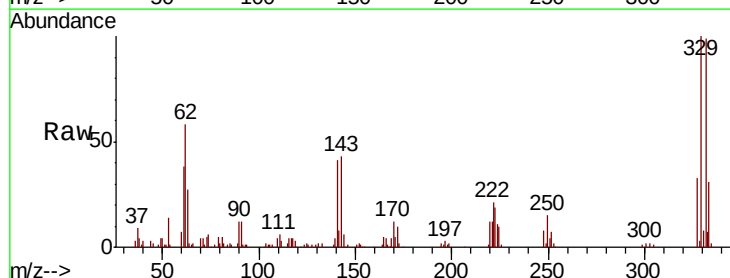
Tgt Ion:330 Resp: 92147

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

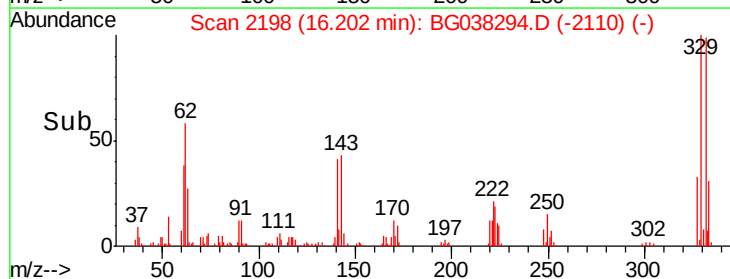
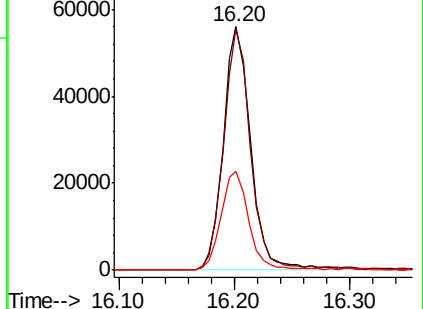
141 40.6 32.2 48.2

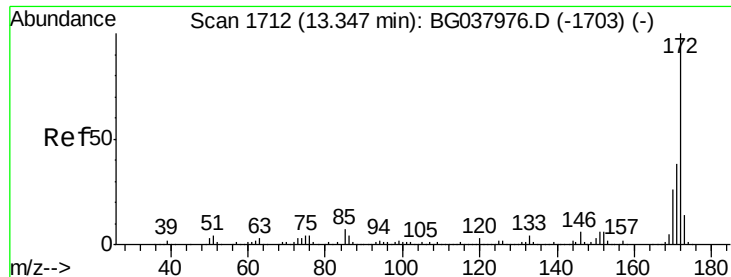


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

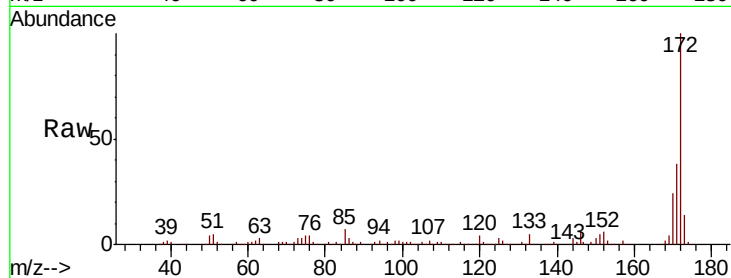




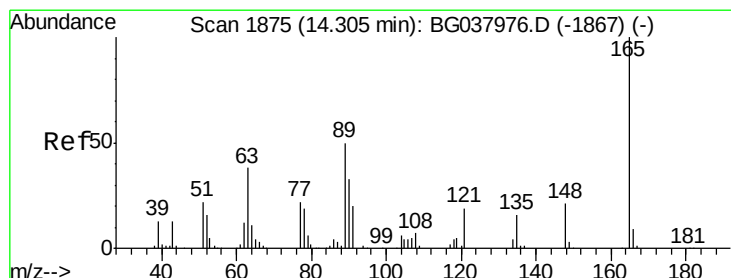
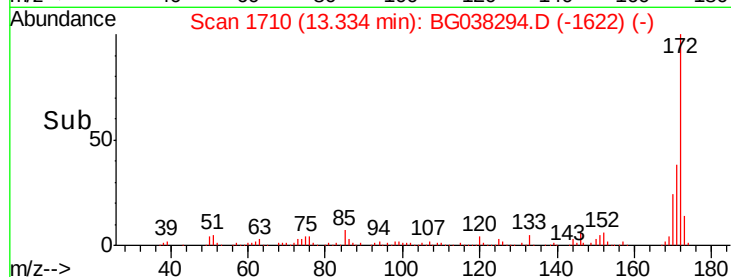
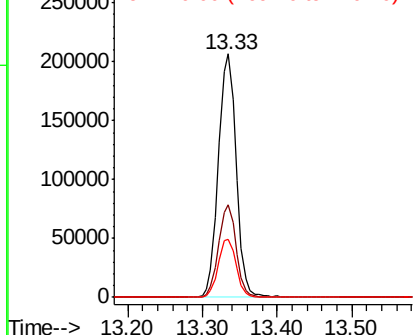
#45
 2-Fluorobiphenyl
 Concen: 68.845 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038294.D
 Acq: 1 Dec 2018 19:26

Instrument :
 BNA_G
 ClientSampled :
 PB115213TB

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.0	20.2	30.2

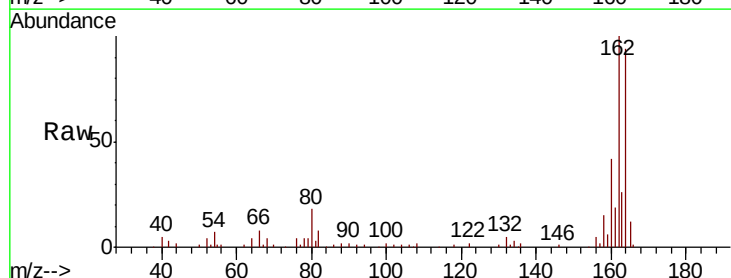


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

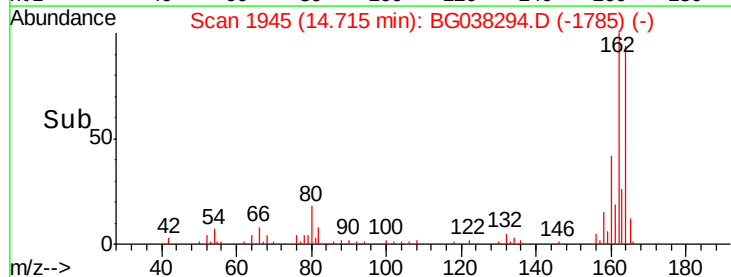
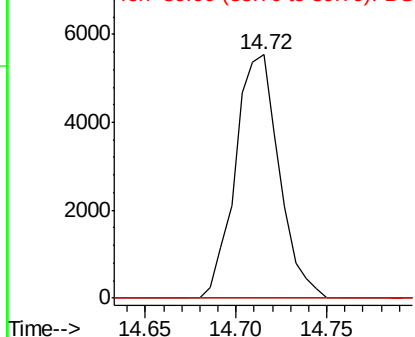


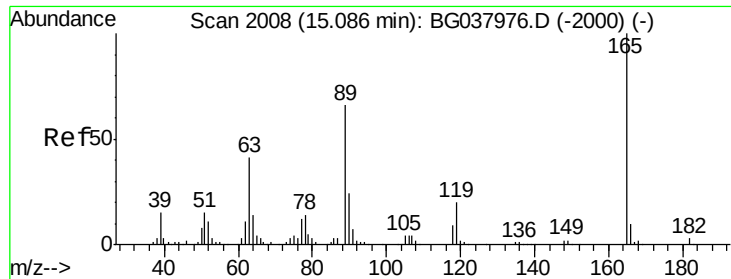
#51
 2,6-Dinitrotoluene
 Concen: 7.120 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038294.D
 Acq: 1 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

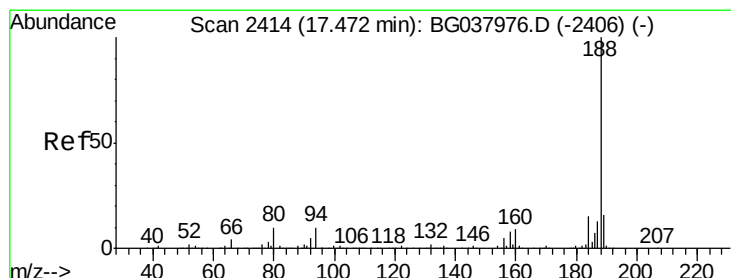
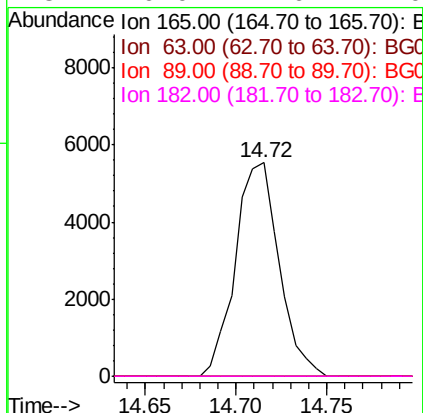
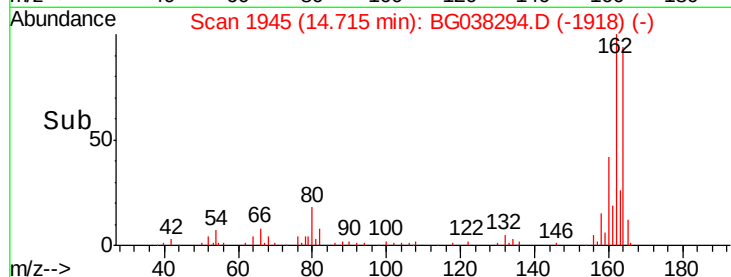
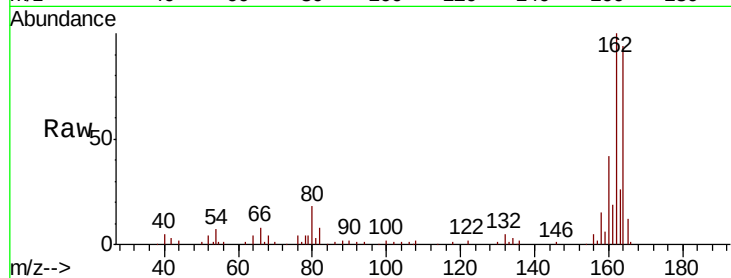




#57
 2,4-Dinitrotoluene
 Concen: 5.233 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038294.D
 Acq: 1 Dec 2018 19:26

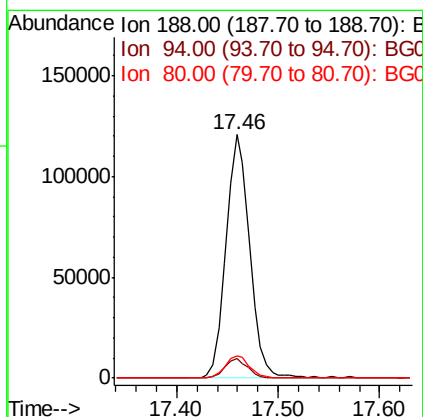
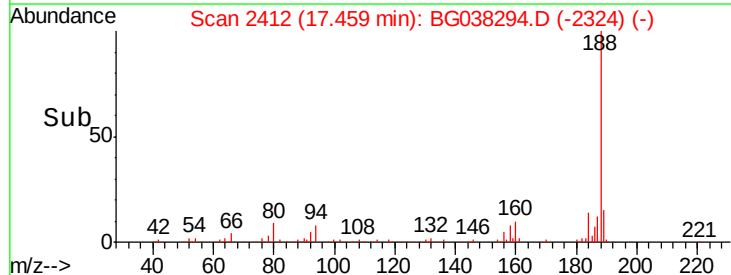
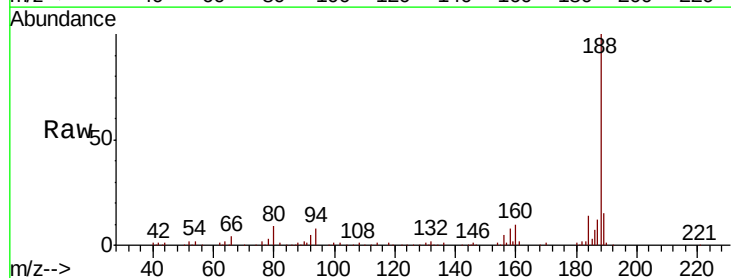
Instrument :
 BNA_G
 ClientSampleId :
 PB115213TB

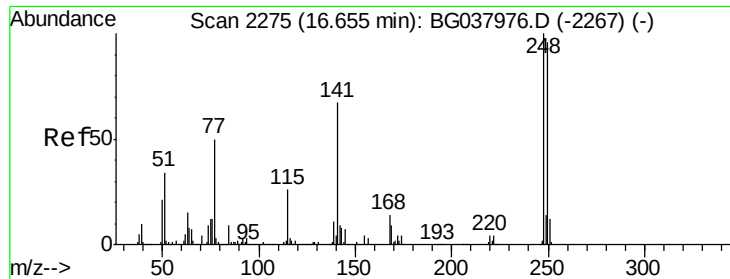
Tot Ion:	165	Resp:	9283
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038294.D
 Acq: 1 Dec 2018 19:26

Tgt Ion:	188	Resp:	195986
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	9.2	7.7	11.5

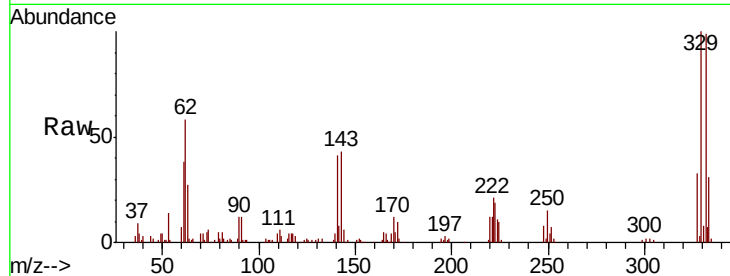




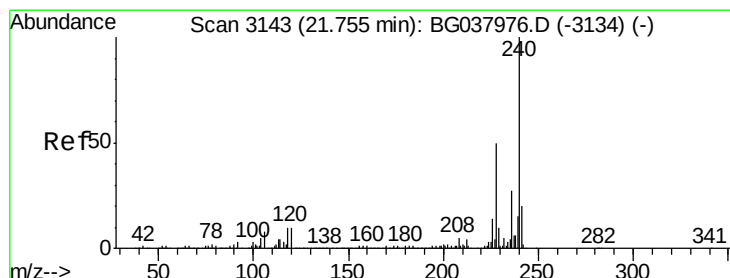
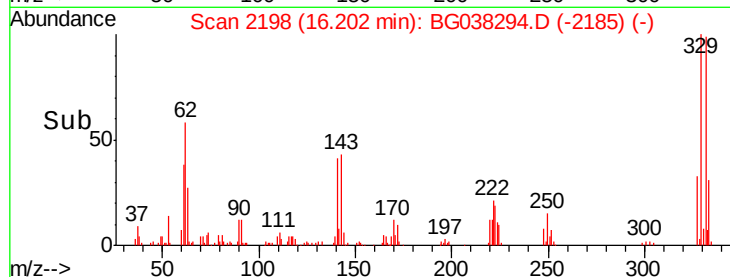
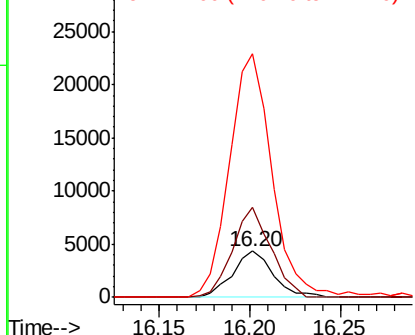
#67
4-Bromophenyl-phenylether
Concen: 3.122 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

Instrument :
BNA_G
ClientSampleId :
PB115213TB

Tot Ion:248 Resp: 6715
Ion Ratio Lower Upper
248 100
250 185.9 77.0 115.6#
141 406.6 55.5 83.3#

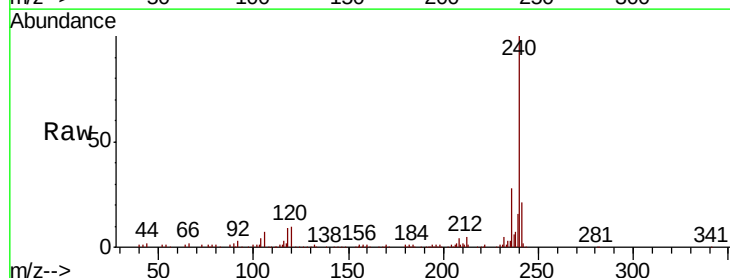


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

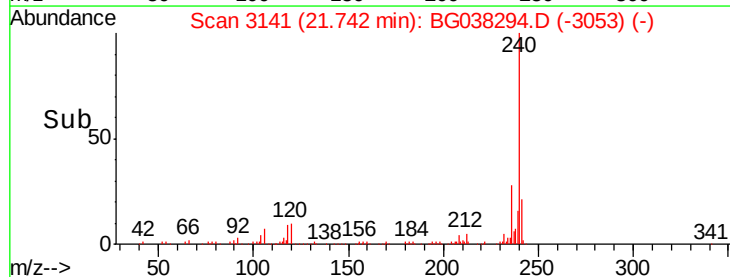
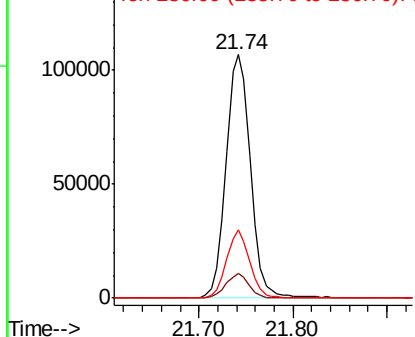


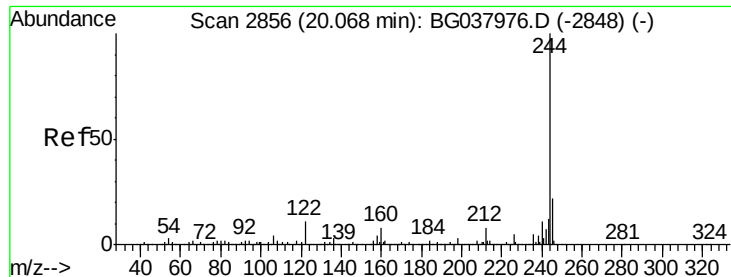
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038294.D
Acq: 1 Dec 2018 19:26

Tgt Ion:240 Resp: 192453
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 27.8 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: 80.327 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

Instrument :

BNA_G

ClientSampleId :

PB115213TB

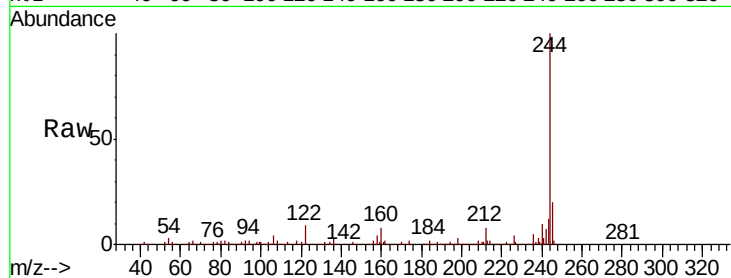
Tot Ion:244 Resp: 657000

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

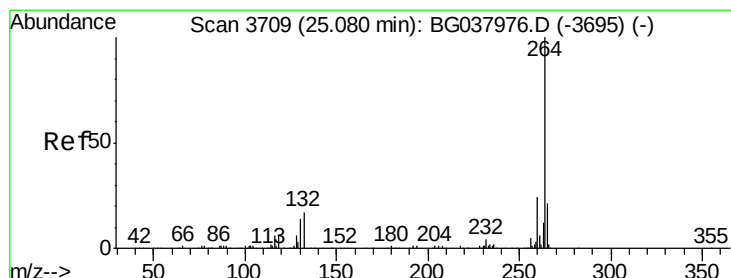
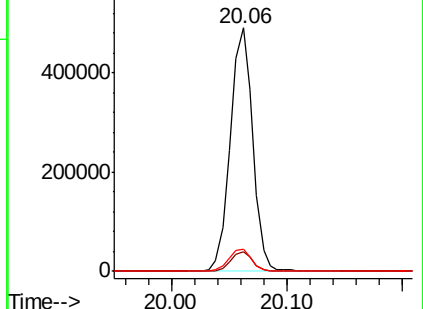
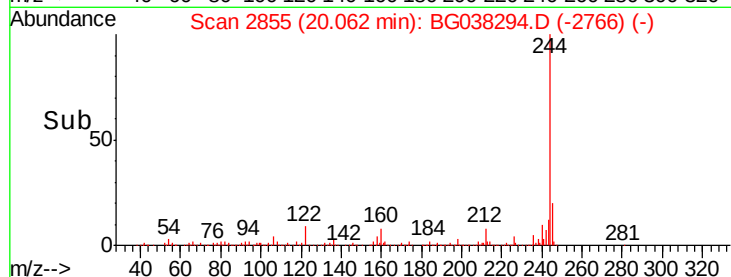
122 8.9 9.0 13.4#



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: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038294.D

Acq: 1 Dec 2018 19:26

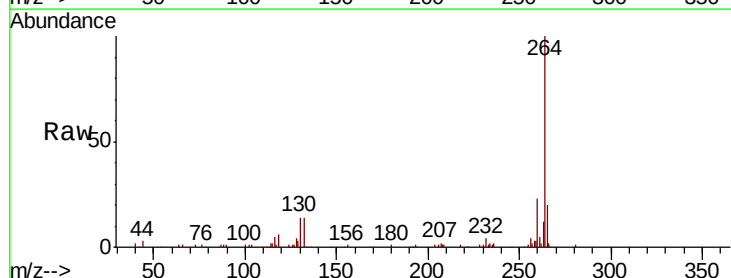
Tgt Ion:264 Resp: 196544

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 20.3 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

