

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038425.D
 Acq On : 8 Dec 2018 6:37
 Operator : JU/SJ
 Sample : PB115307BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BL

Quant Time: Dec 10 02:51:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

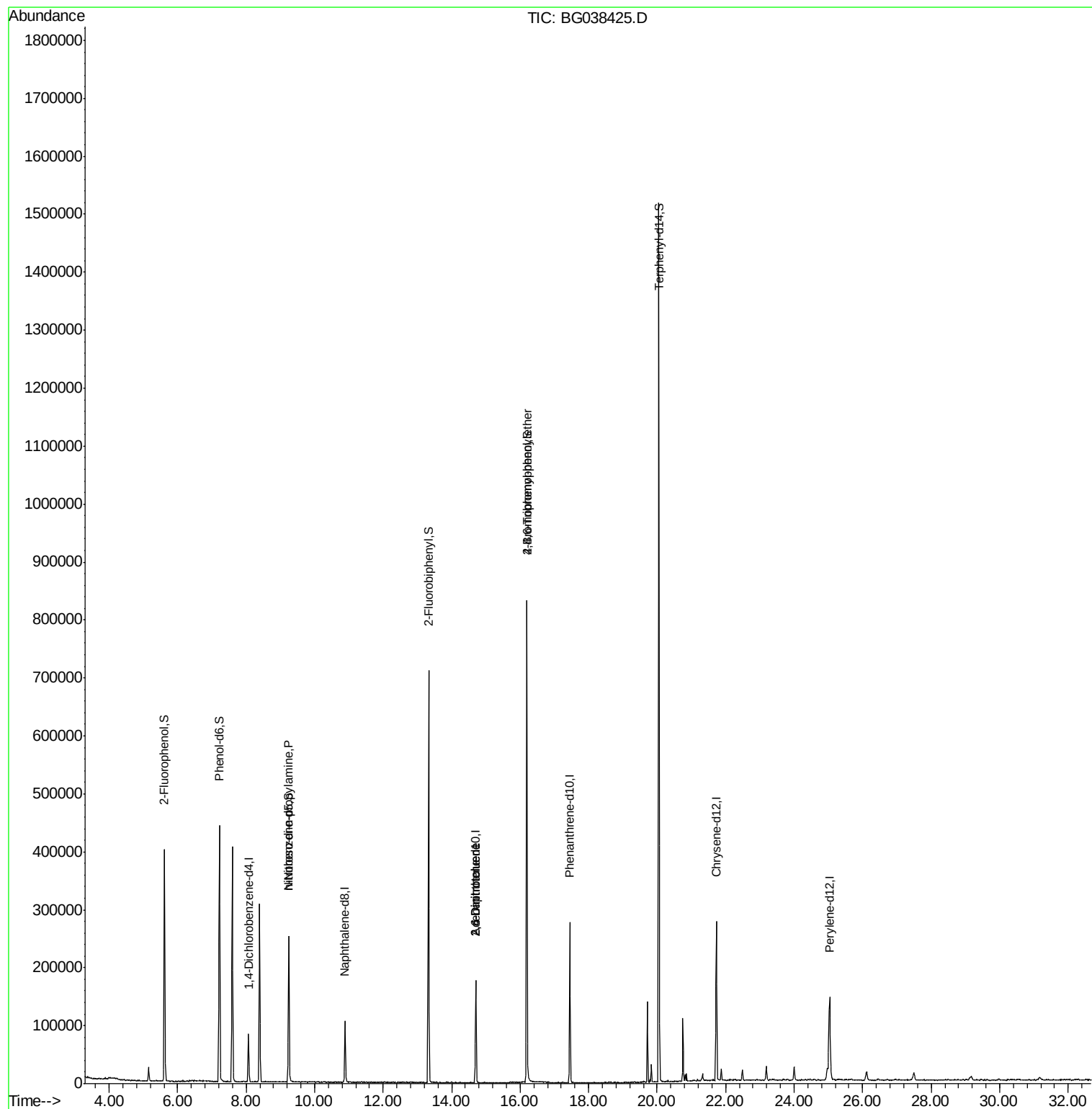
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23049	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	96624	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	66123	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	181513	20.00	ng	0.00
76) Chrysene-d12	21.73	240	176518	20.00	ng	-0.02
87) Perylene-d12	25.04	264	180745	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	176291	135.35	ng	0.00
7) Phenol-d6	7.22	99	261120	138.71	ng	0.00
23) Nitrobenzene-d5	9.24	82	157566	80.96	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	148733	183.23	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	390175	84.08	ng	0.00
79) Terphenyl-d14	20.05	244	748561	90.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	21163	14.014	ng	# 75
51) 2,6-Dinitrotoluene	14.71	165	8430	6.958	ng	# 26
57) 2,4-Dinitrotoluene	14.71	165	8430	5.045	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	10771	5.495	ng	# 1

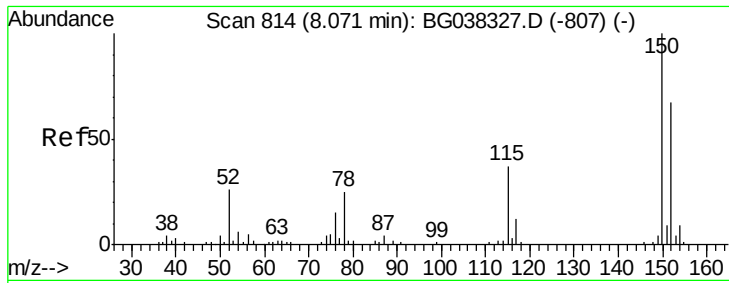
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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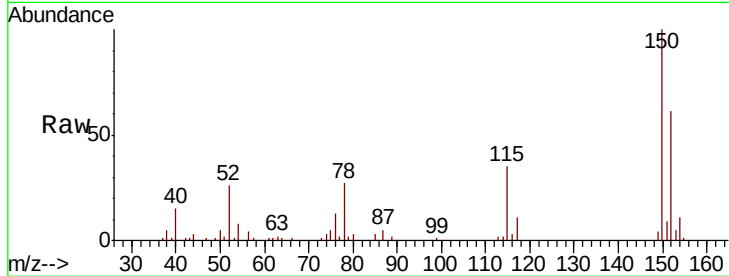


#1

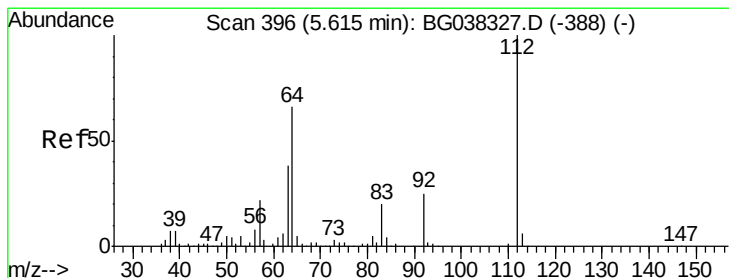
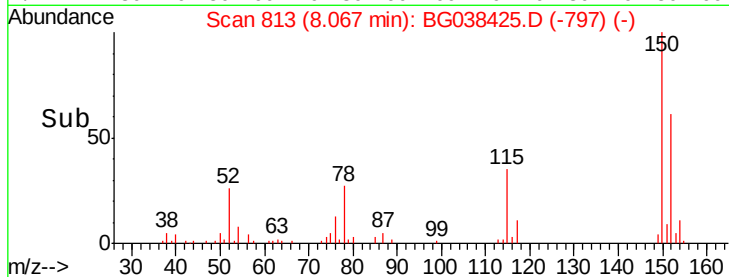
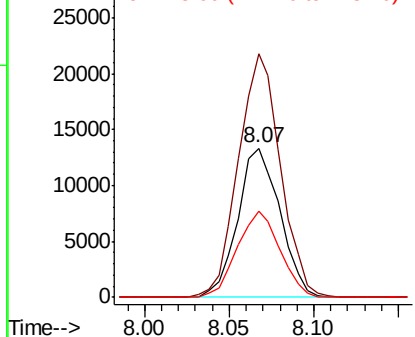
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Instrument :
BNA_G
ClientSampleId :
PB115307BL

Tgt Ion:152 Resp: 23049
Ion Ratio Lower Upper
152 100
150 163.5 126.0 189.0
115 58.0 45.5 68.3



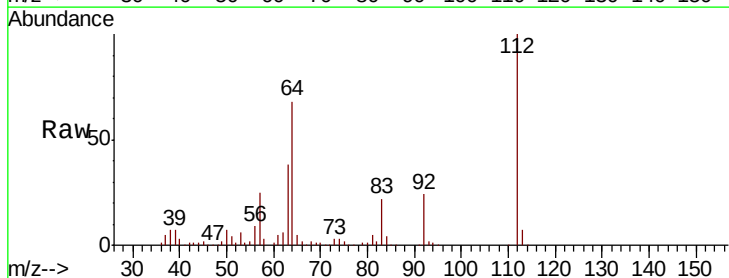
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



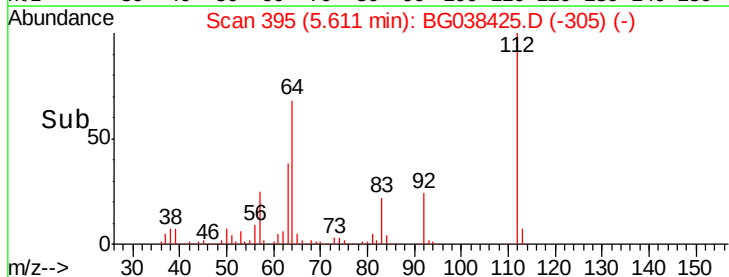
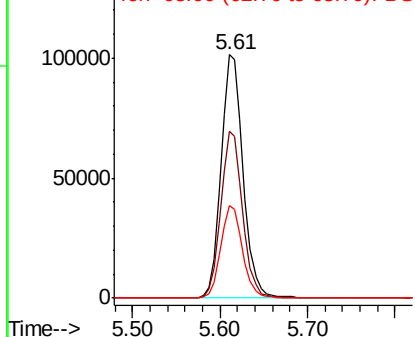
#5

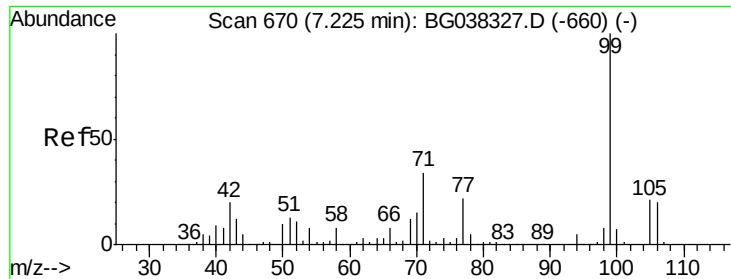
2-Fluorophenol
Concen: 135.352 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Tgt Ion:112 Resp: 176291
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 38.2 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: 138.709 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

Instrument :

BNA_G

ClientSampleId :

PB115307BL

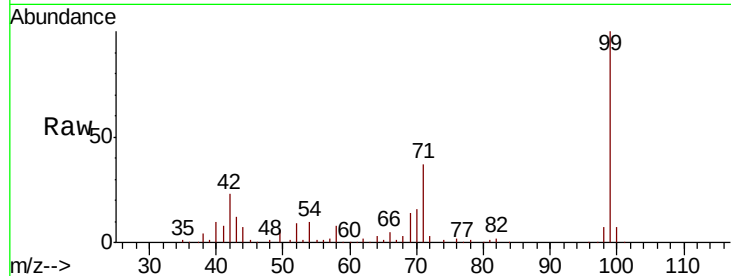
Tgt Ion: 99 Resp: 261120

Ion Ratio Lower Upper

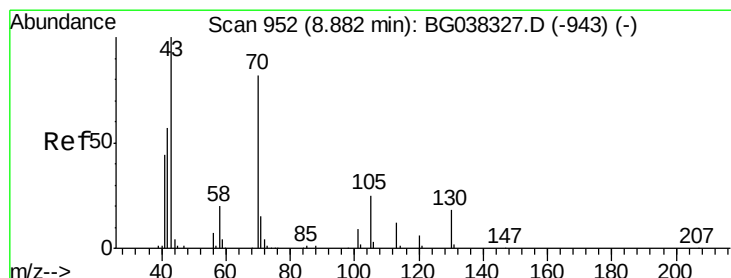
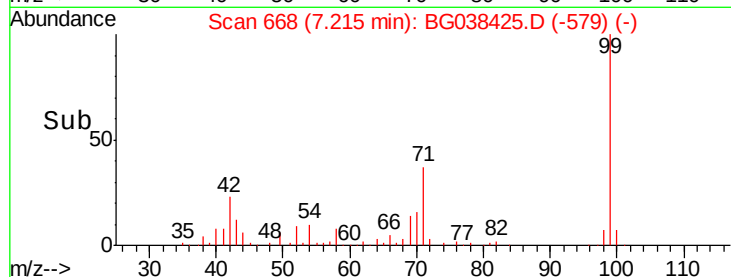
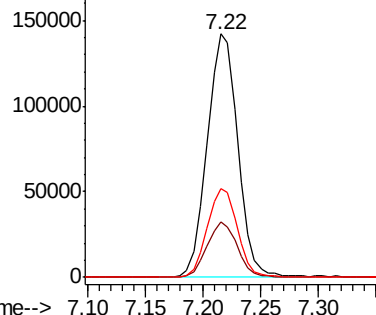
99 100

42 22.9 15.0 22.4#

71 36.6 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: 14.014 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.36 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

Tgt Ion: 70 Resp: 21163

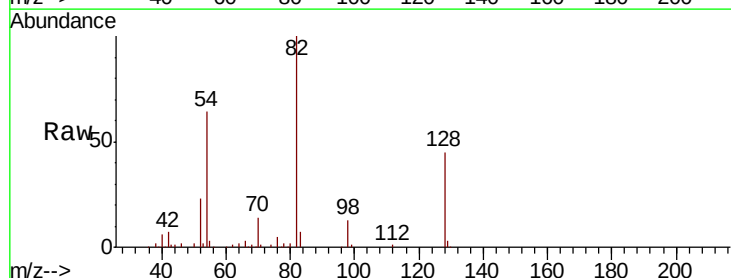
Ion Ratio Lower Upper

70 100

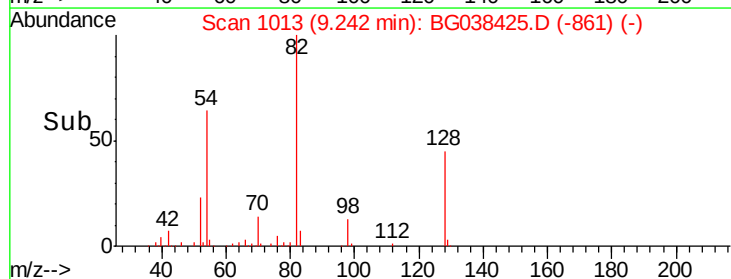
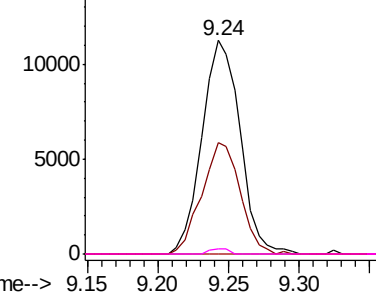
42 52.0 53.9 80.9#

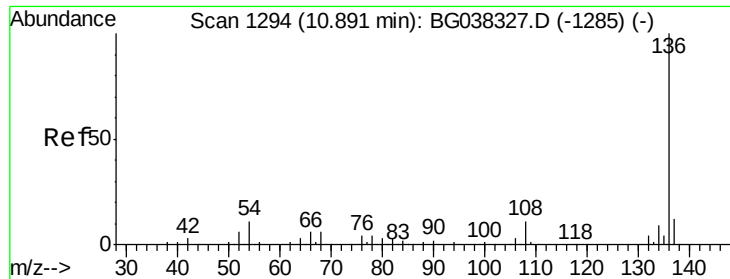
101 0.0 8.2 12.2#

130 2.2 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

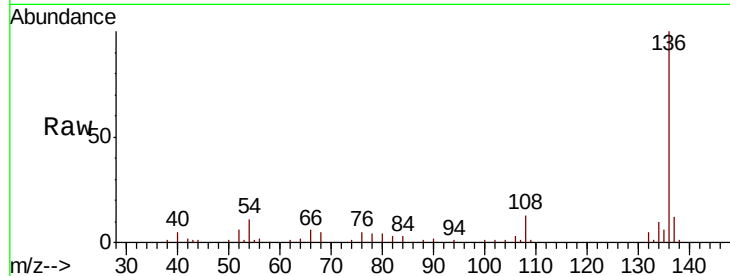




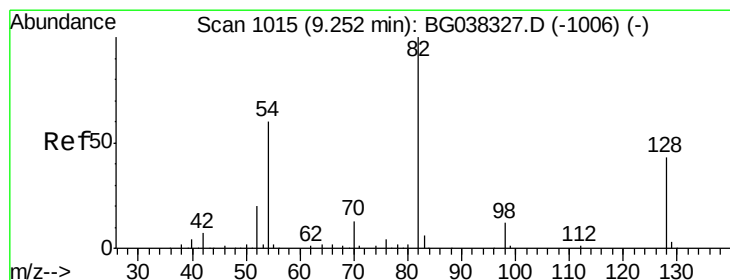
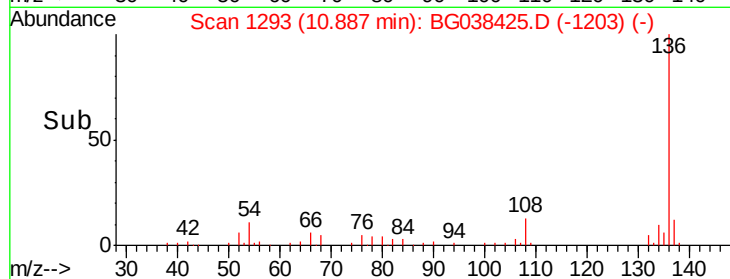
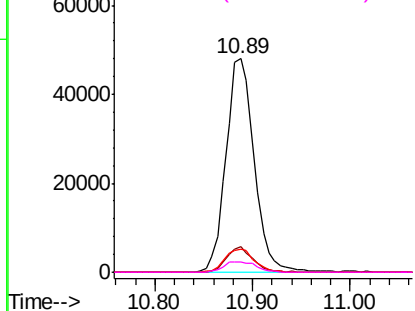
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Instrument :
BNA_G
ClientSampleId :
PB115307BL

Tgt Ion:	136	Resp:	96624
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.9	7.9	11.9
68	5.0	4.8	7.2

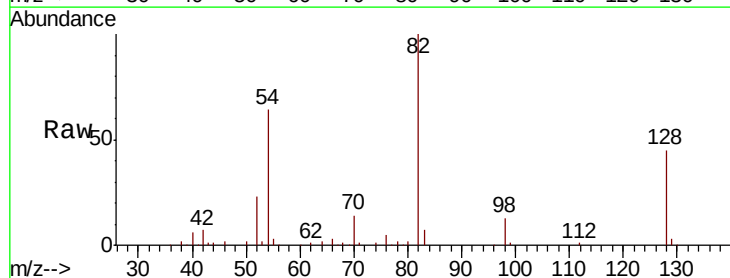


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

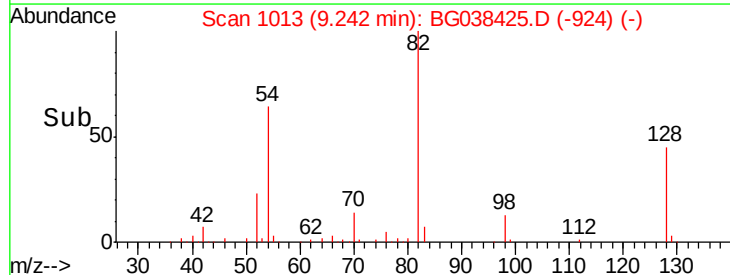
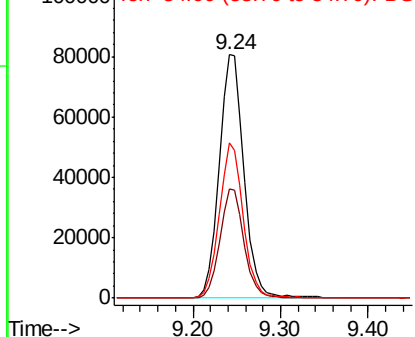


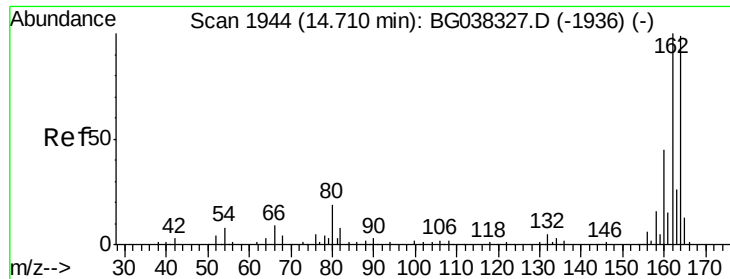
#23
Nitrobenzene-d5
Concen: 80.961 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG038425.D
Acq: 8 Dec 2018 6:37

Tgt Ion:	82	Resp:	157566
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	63.8	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

Instrument :

BNA_G

ClientSampleId :

PB115307BL

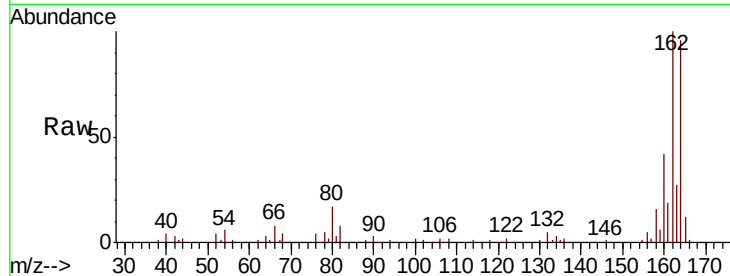
Tgt Ion:164 Resp: 66123

Ion Ratio Lower Upper

164 100

162 104.1 81.3 121.9

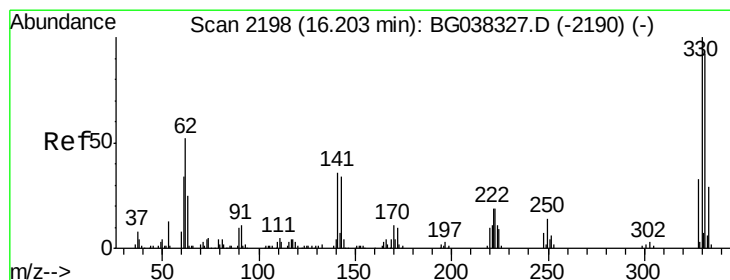
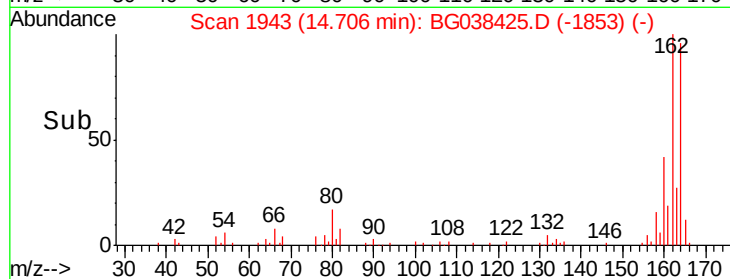
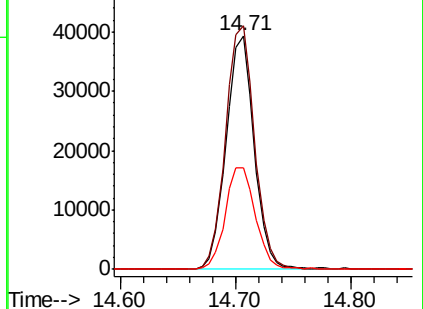
160 43.2 36.3 54.5



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: 183.227 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

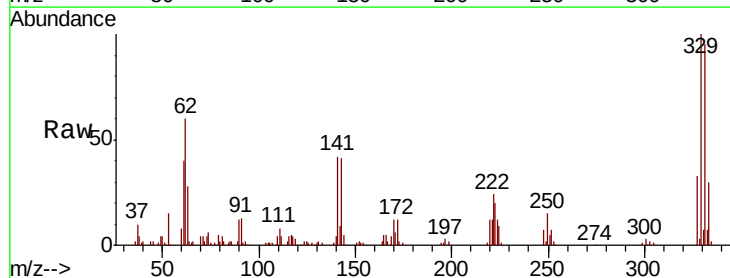
Tgt Ion:330 Resp: 148733

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

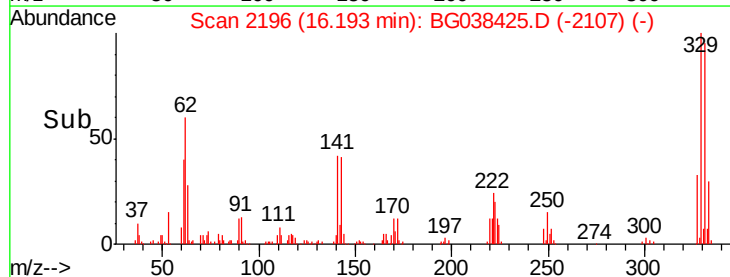
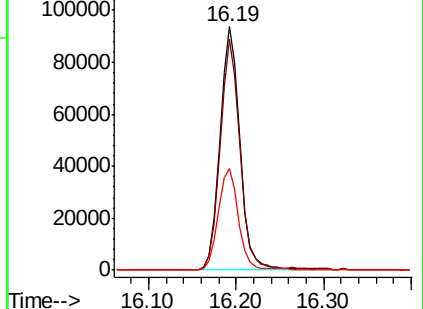
141 42.4 32.2 48.2

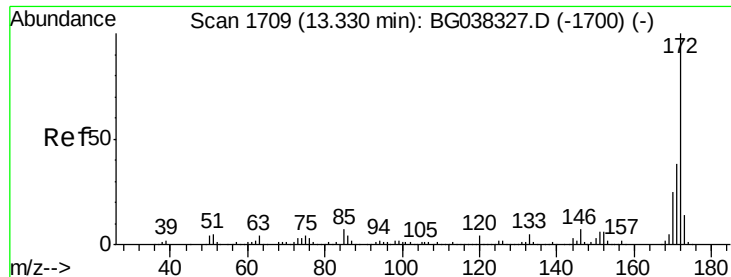


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

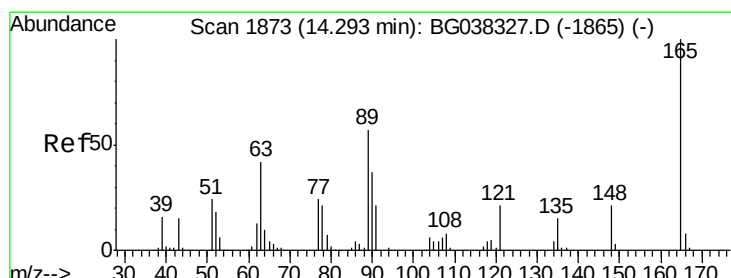
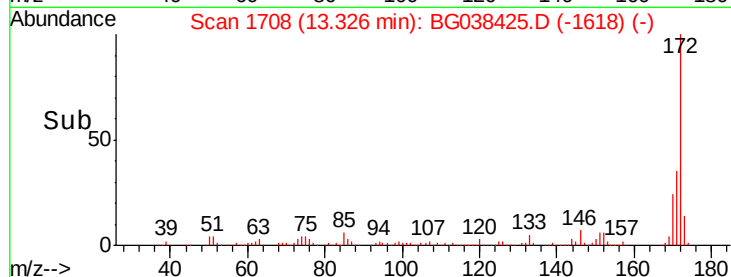
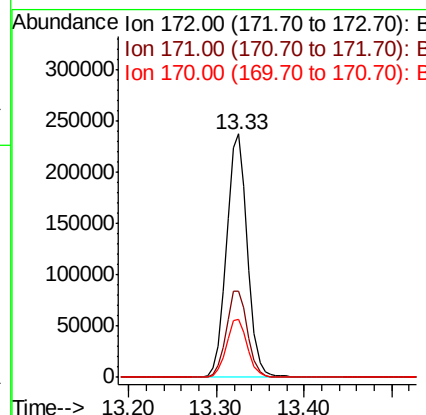
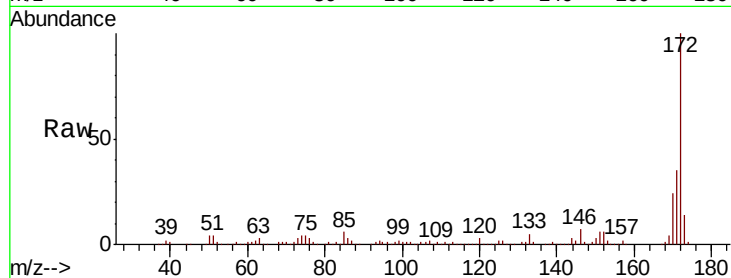




#45
 2-Fluorobiphenyl
 Concen: 84.081 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038425.D
 Acq: 8 Dec 2018 6:37

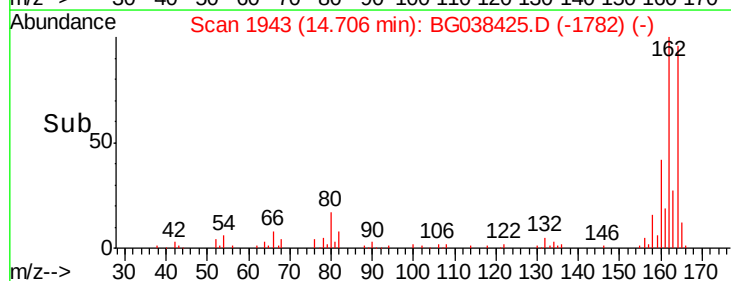
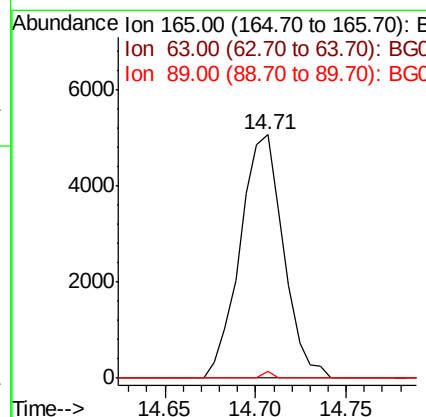
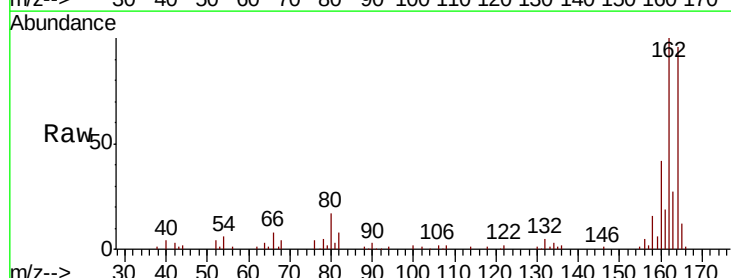
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BL

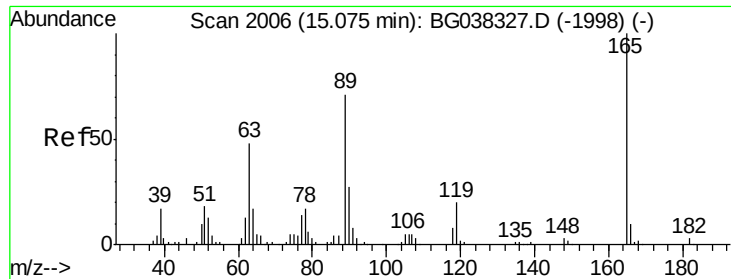
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	31.0	46.4
170	24.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.958 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038425.D
 Acq: 8 Dec 2018 6:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	3.0	45.8	68.6#

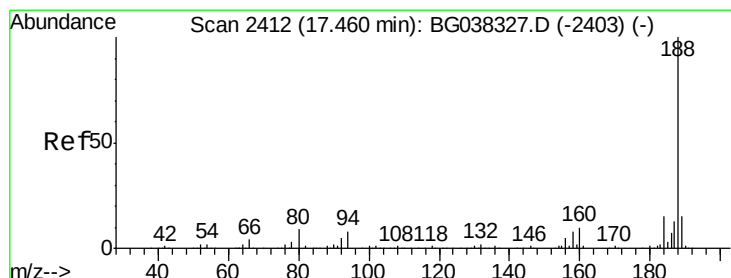
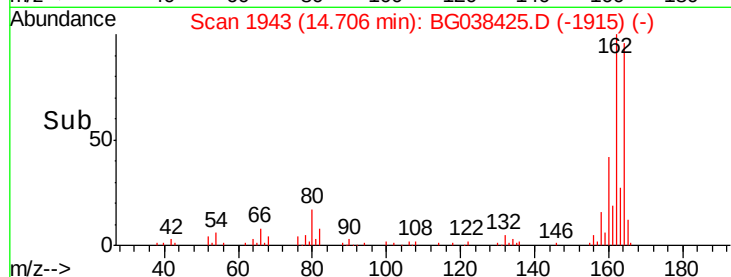
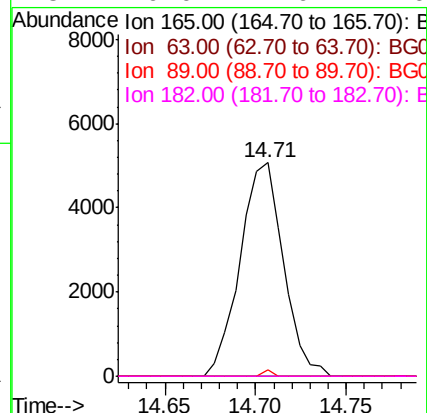
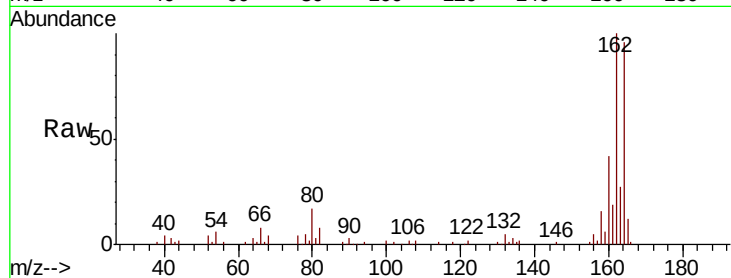




#57
 2,4-Dinitrotoluene
 Concen: 5.045 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038425.D
 Acq: 8 Dec 2018 6:37

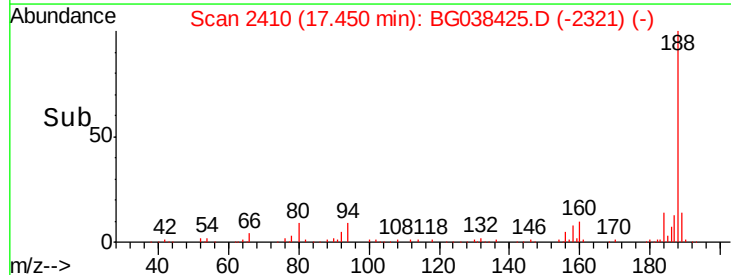
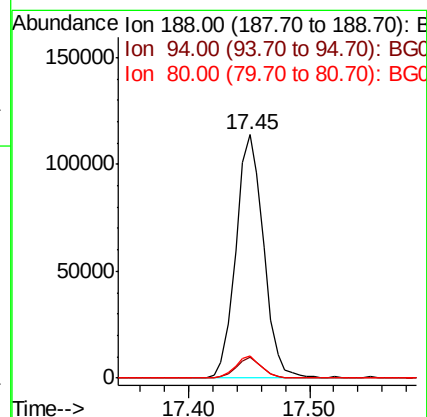
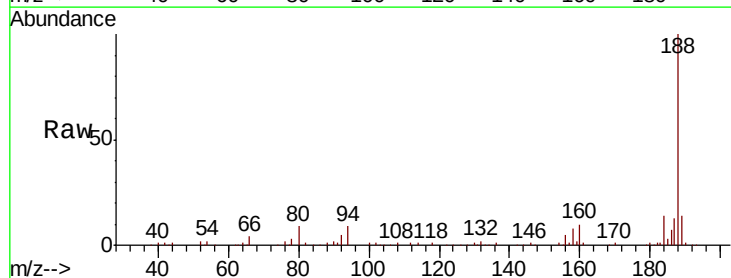
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BL

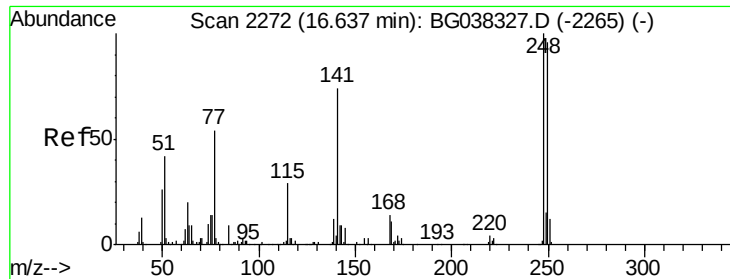
Tgt Ion:	165	Resp:	8430
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	3.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038425.D
 Acq: 8 Dec 2018 6:37

Tgt Ion:	188	Resp:	181513
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.9	7.7	11.5

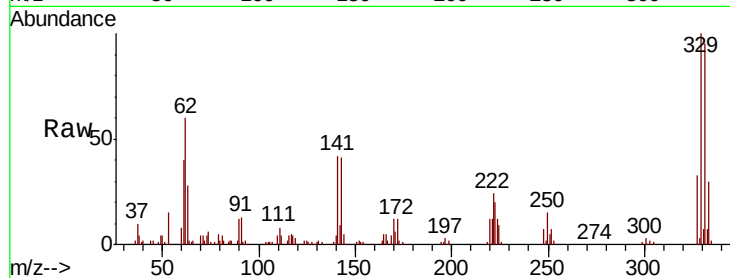




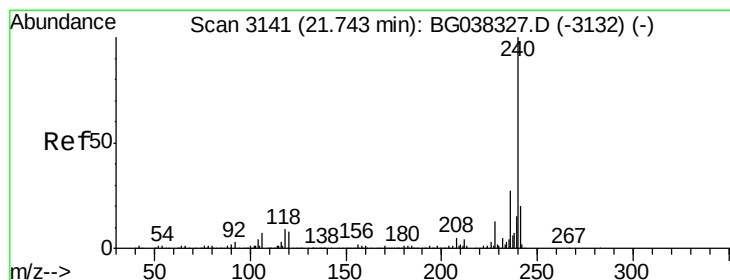
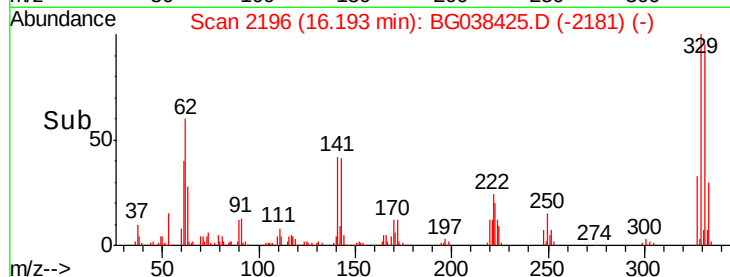
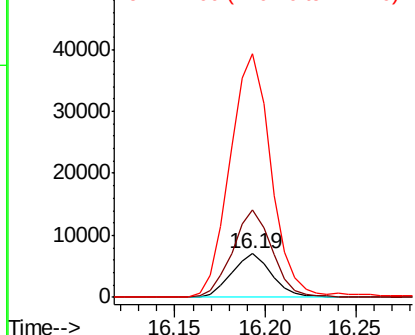
#67
 4-Bromophenyl-phenylether
 Concen: 5.495 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.44 min
 Lab File: BG038425.D
 Acq: 8 Dec 2018 6:37

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BL

Tgt Ion:248 Resp: 10771
 Ion Ratio Lower Upper
 248 100
 250 213.3 77.0 115.6#
 141 444.8 55.5 83.3#

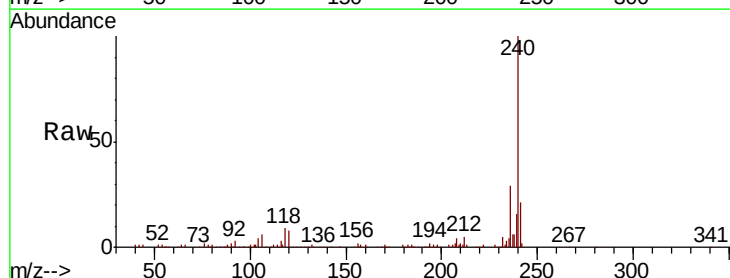


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

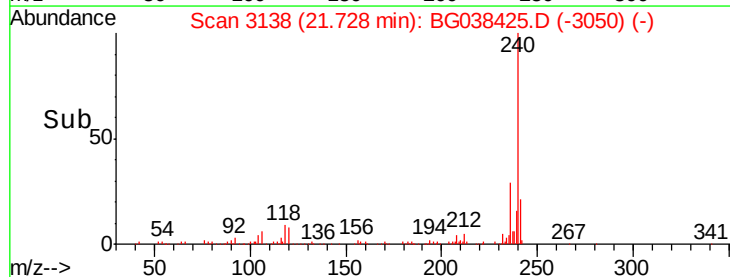
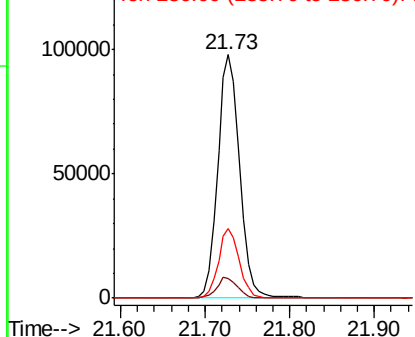


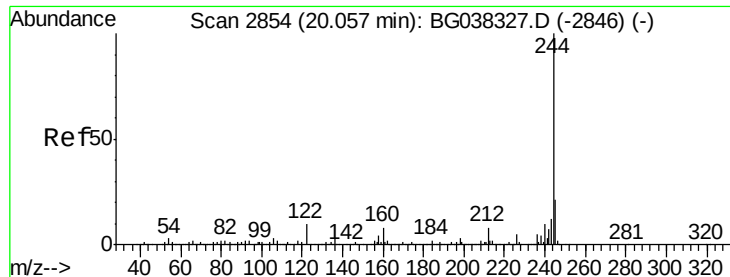
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BG038425.D
 Acq: 8 Dec 2018 6:37

Tgt Ion:240 Resp: 176518
 Ion Ratio Lower Upper
 240 100
 120 8.1 8.1 12.1
 236 28.7 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: 90.847 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

Instrument :

BNA_G

ClientSampleId :

PB115307BL

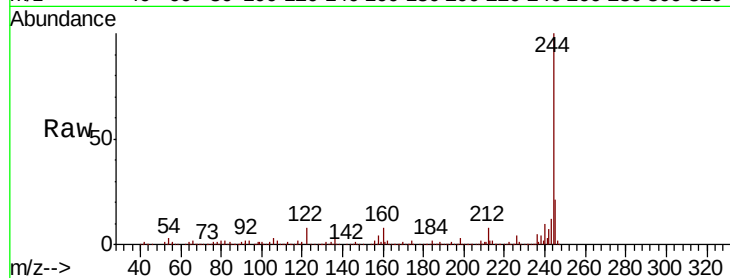
Tgt Ion:244 Resp: 748561

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

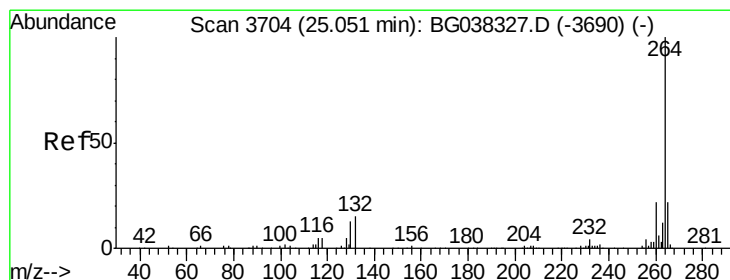
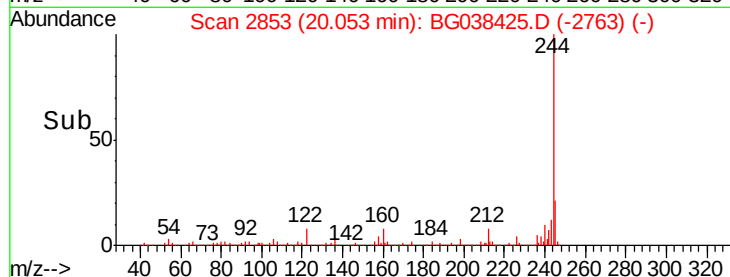
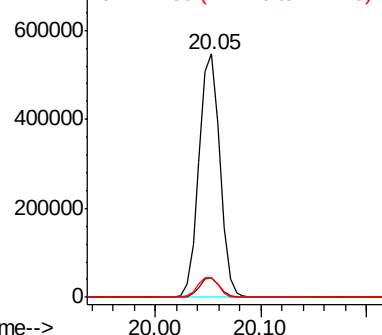
122 8.3 9.0 13.4#



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: 25.04 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038425.D

Acq: 8 Dec 2018 6:37

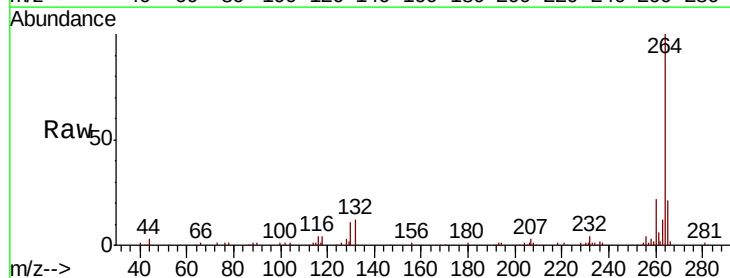
Tgt Ion:264 Resp: 180745

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 21.4 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

