

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038417.D
 Acq On : 8 Dec 2018 00:04
 Operator : JU/SJ
 Sample : PB115432BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BL

Quant Time: Dec 08 04:09:38 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

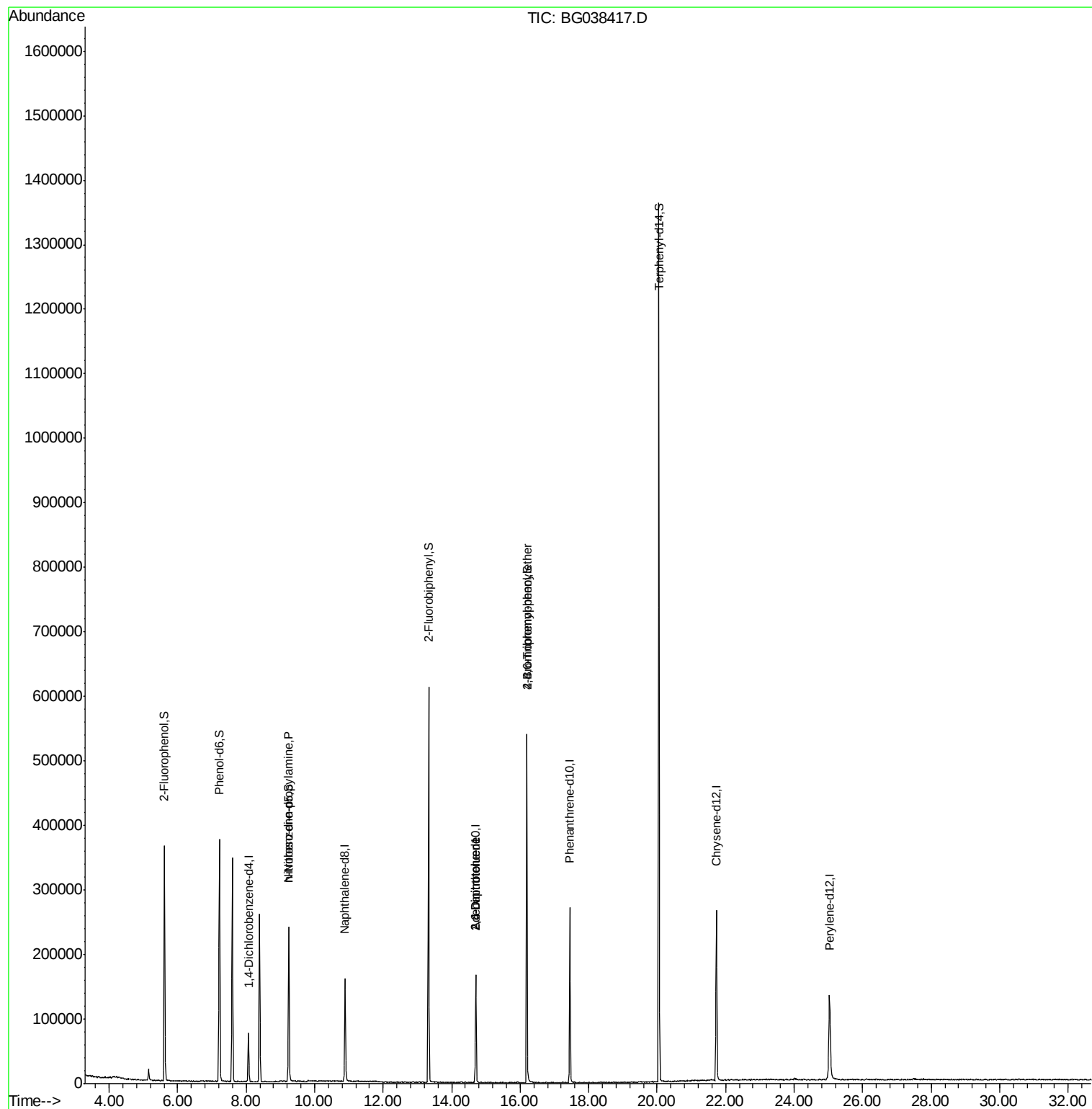
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	22052	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	154599	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	62829	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	179199	20.00	ng	0.00
76) Chrysene-d12	21.73	240	177793	20.00	ng	-0.02
87) Perylene-d12	25.04	264	172160	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	161074	129.26	ng	0.00
7) Phenol-d6	7.22	99	221123	122.77	ng	0.00
23) Nitrobenzene-d5	9.24	82	151675	48.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	102782	133.26	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	341564	77.46	ng	0.00
79) Terphenyl-d14	20.05	244	680275	81.97	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	7.96	146	54	Below Cal	Qvalue	# 24
19) n-Nitroso-di-n-propylamine	9.24	70	19128	13.116 ng	#	78
51) 2,6-Dinitrotoluene	14.71	165	8079	7.018 ng	#	23
57) 2,4-Dinitrotoluene	14.71	165	8079	5.088 ng	#	23
67) 4-Bromophenyl-phenylether	16.19	248	7260	3.752 ng	#	1

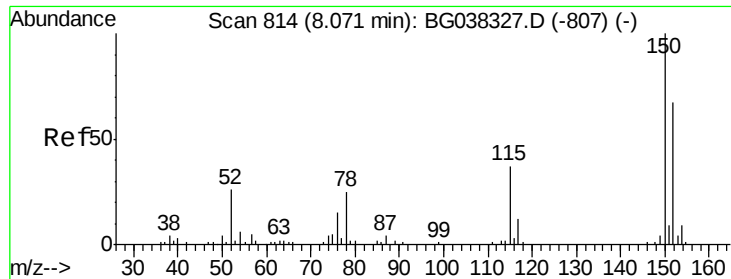
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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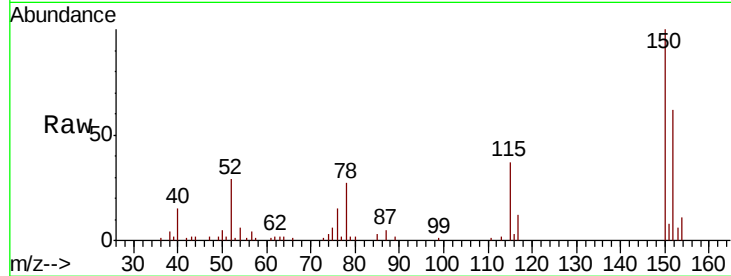


#1

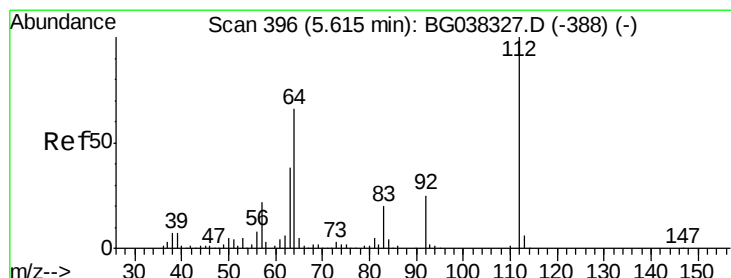
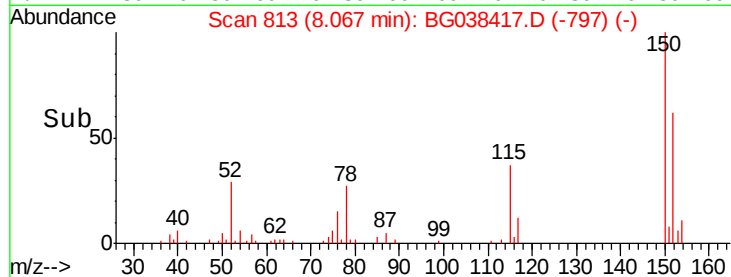
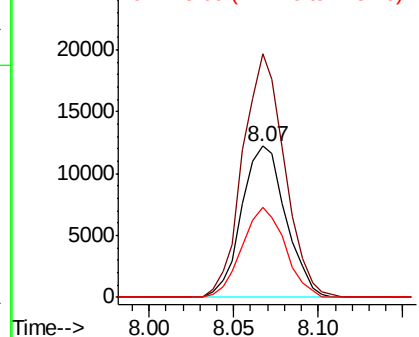
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

Instrument :
BNA_G
ClientSampleId :
PB115432BL

Tgt Ion:152 Resp: 22052
Ion Ratio Lower Upper
152 100
150 160.9 126.0 189.0
115 59.4 45.5 68.3



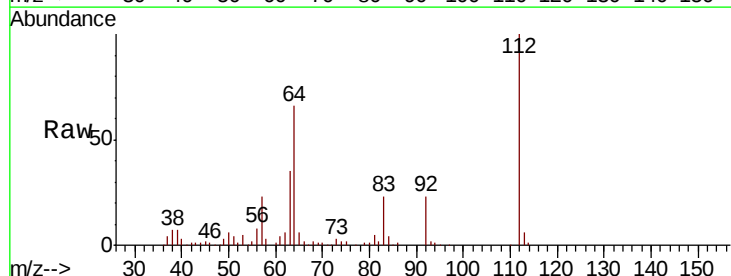
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



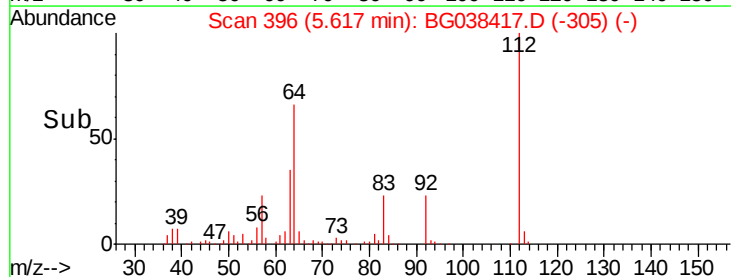
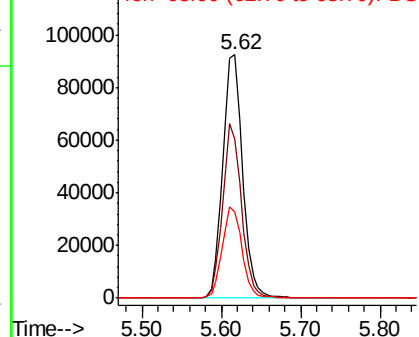
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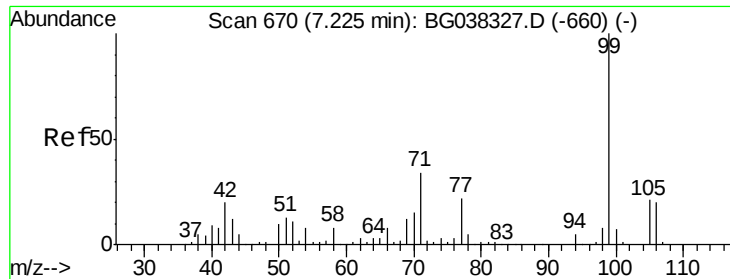
2-Fluorophenol
Concen: 129.260 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

Tgt Ion:112 Resp: 161074
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 35.4 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: 122.773 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038417.D

Acq: 8 Dec 2018 00:04

Instrument :

BNA_G

ClientSampleId :

PB115432BL

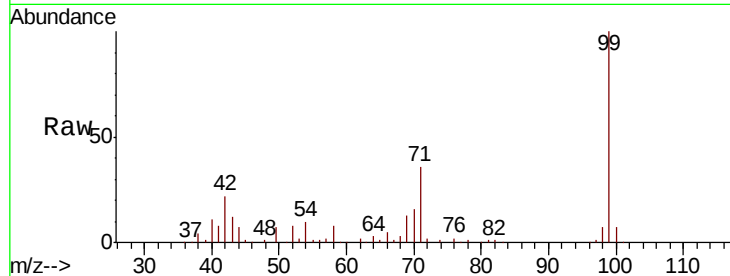
Tgt Ion: 99 Resp: 221123

Ion Ratio Lower Upper

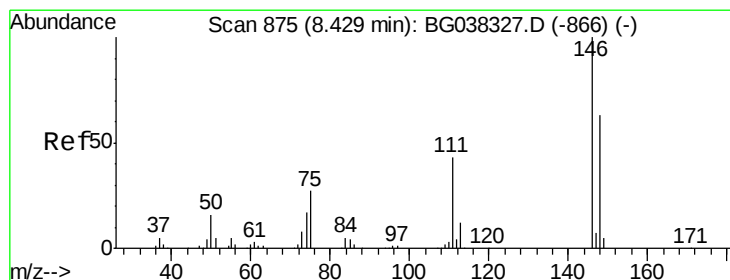
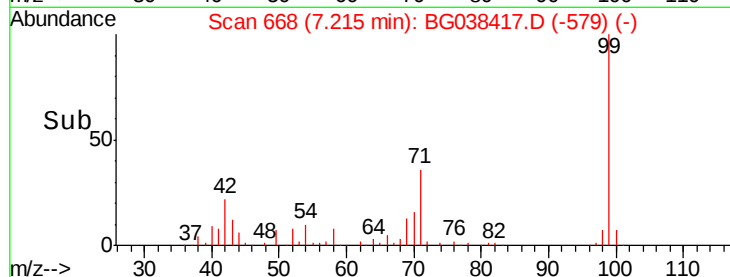
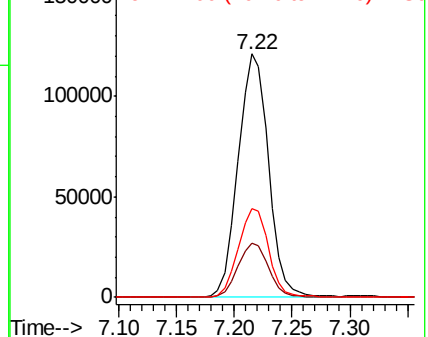
99 100

42 22.2 15.0 22.4

71 36.4 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



#14

1,2-Dichlorobenzene

Concen: Below Cal

RT: 7.96 min Scan# 794

Delta R.T. -0.47 min

Lab File: BG038417.D

Acq: 8 Dec 2018 00:04

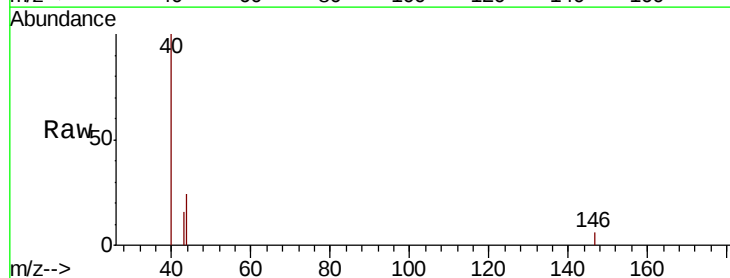
Tgt Ion: 146 Resp: 54

Ion Ratio Lower Upper

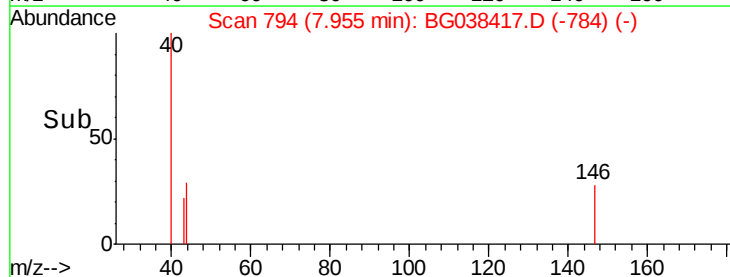
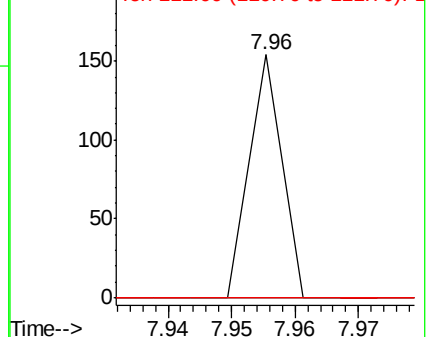
146 100

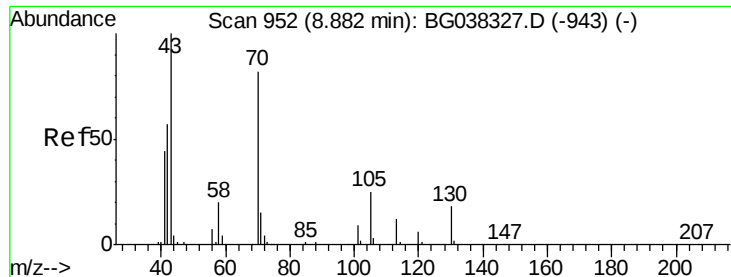
148 0.0 50.4 75.6#

111 0.0 34.6 51.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

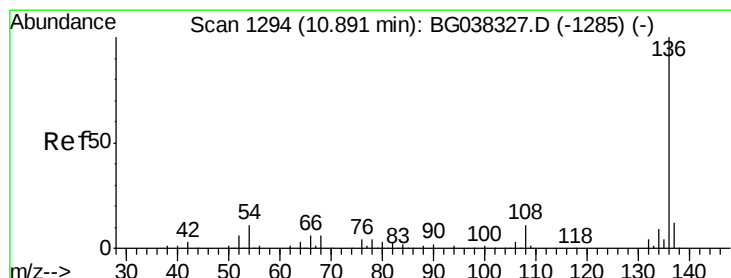
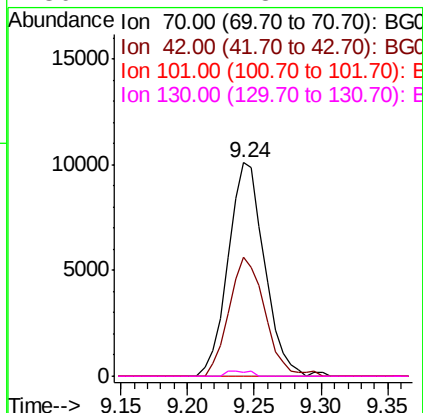
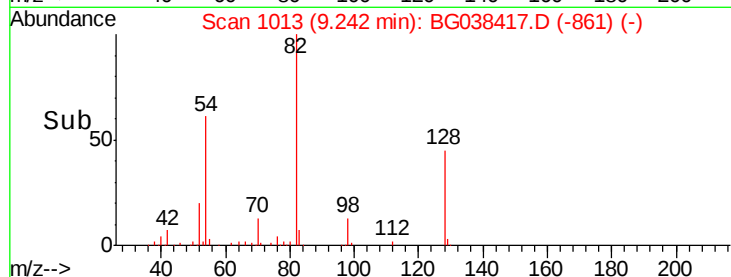
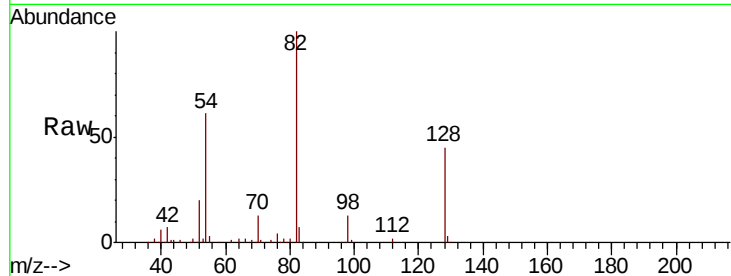




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.116 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. 0.36 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

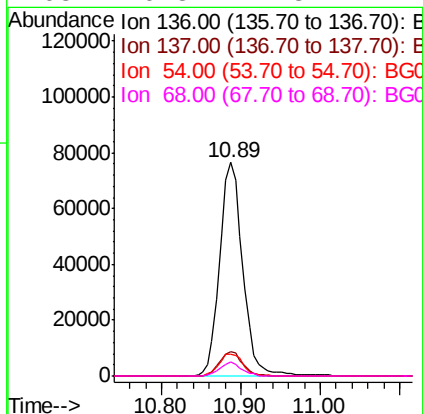
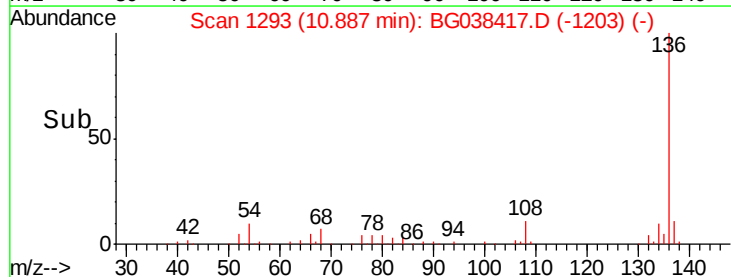
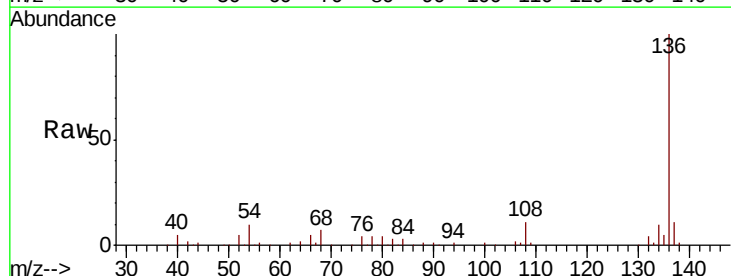
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BL

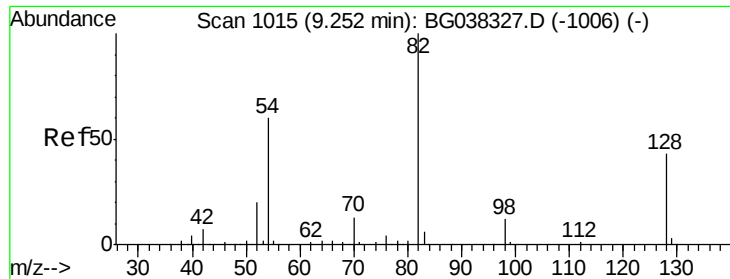
Tgt Ion: 70 Resp: 19128
 Ion Ratio Lower Upper
 70 100
 42 55.8 53.9 80.9
 101 0.0 8.2 12.2#
 130 1.7 18.2 27.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Tgt Ion: 136 Resp: 154599
 Ion Ratio Lower Upper
 136 100
 137 11.2 9.6 14.4
 54 10.3 7.9 11.9
 68 6.8 4.8 7.2

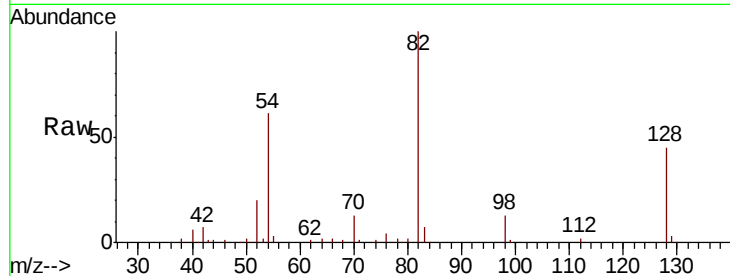




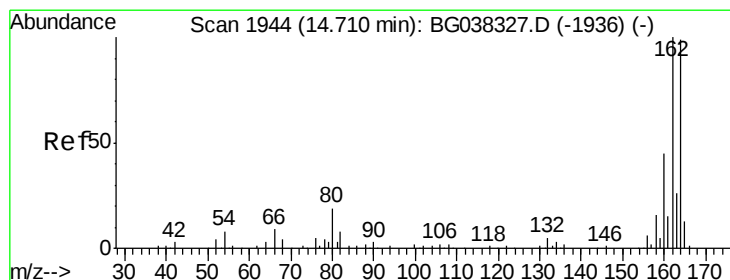
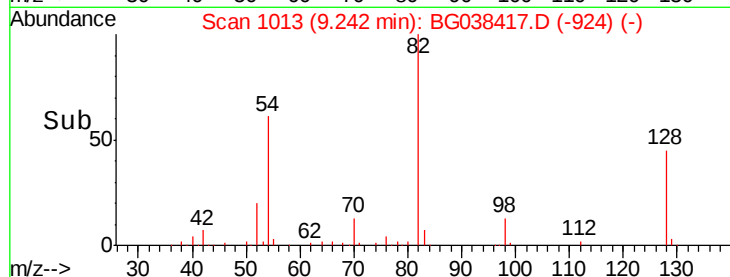
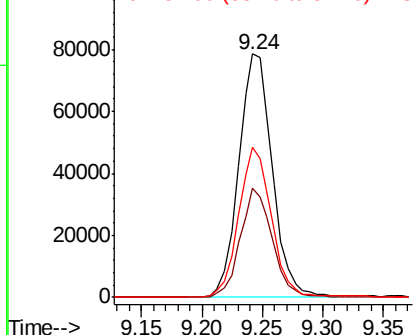
#23
 Nitrobenzene-d5
 Concen: 48.709 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BL

Tgt Ion: 82 Resp: 151675
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 51.8
 54 61.4 45.3 67.9

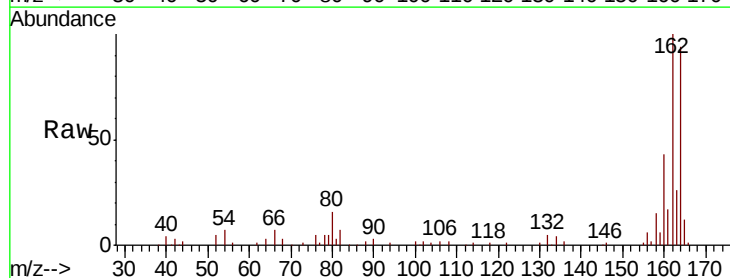


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

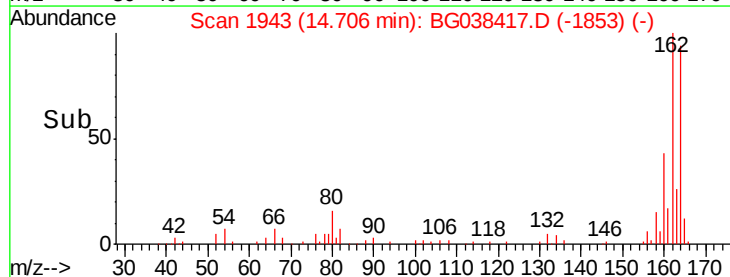
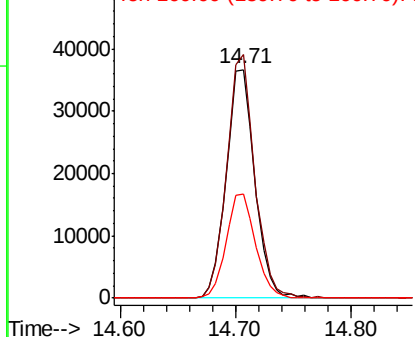


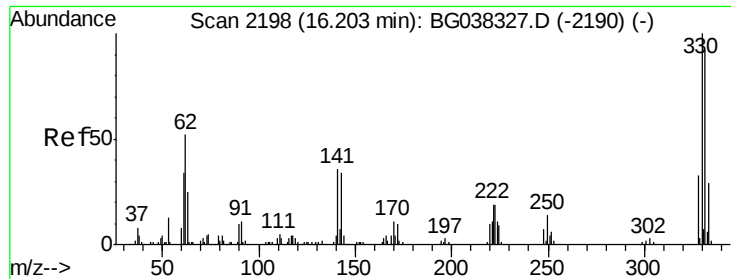
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Tgt Ion: 164 Resp: 62829
 Ion Ratio Lower Upper
 164 100
 162 106.4 81.3 121.9
 160 45.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

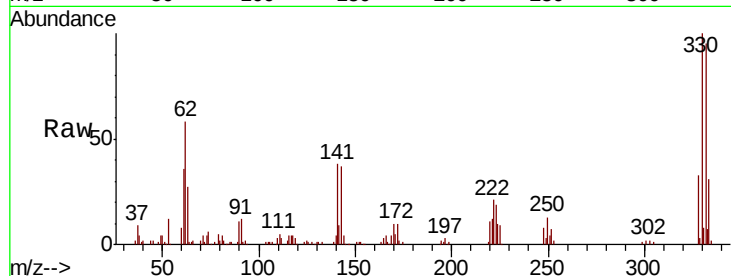




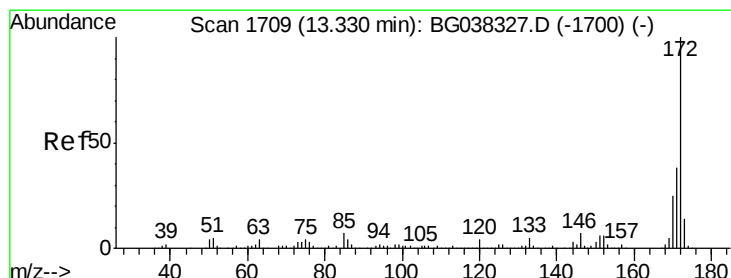
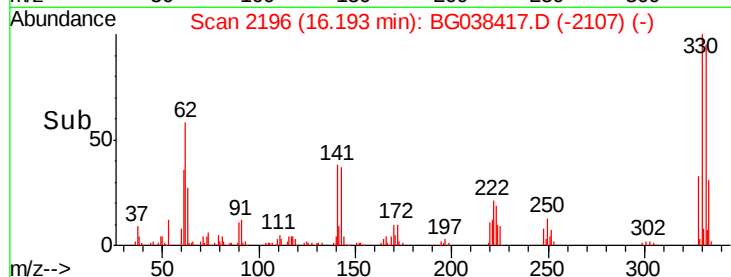
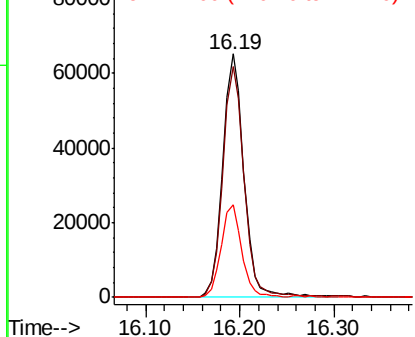
#42
 2,4,6-Tribromophenol
 Concen: 133.258 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Instrument :
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Tgt Ion:330 Resp: 102782
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.4 117.6
 141 37.3 32.2 48.2

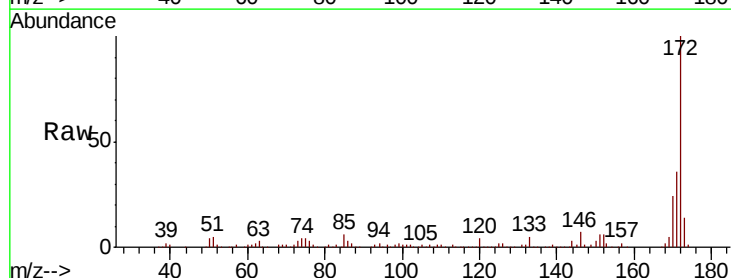


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

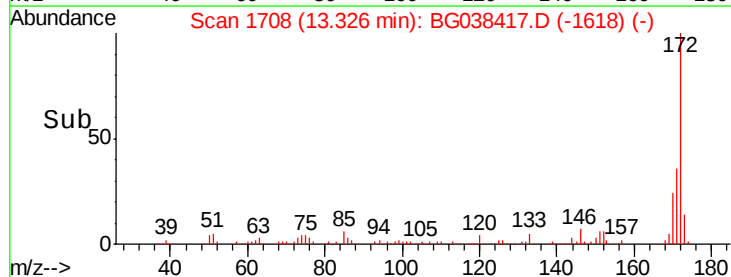
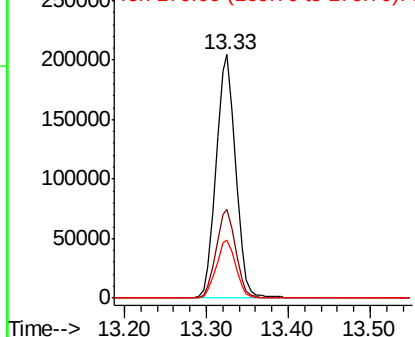


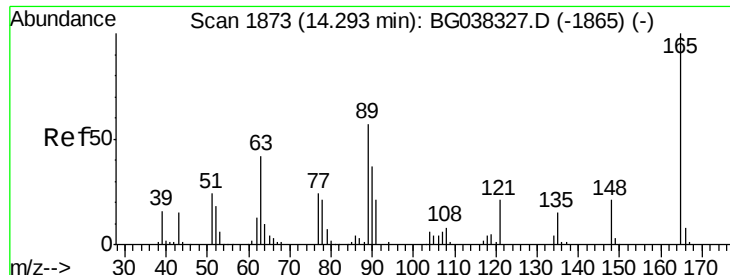
#45
 2-Fluorobiphenyl
 Concen: 77.464 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Tgt Ion:172 Resp: 341564
 Ion Ratio Lower Upper
 172 100
 171 36.2 31.0 46.4
 170 23.8 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

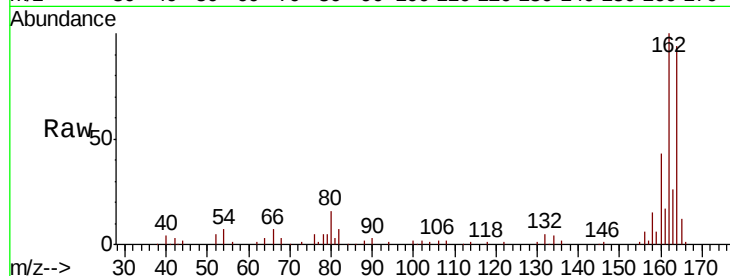




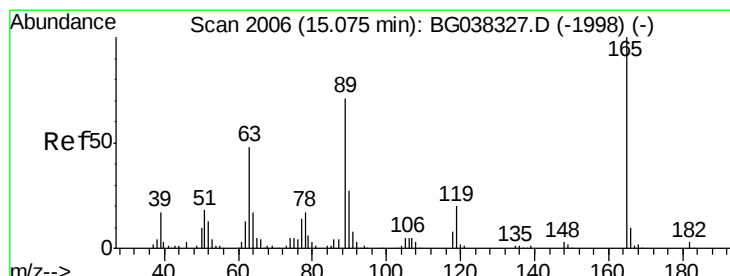
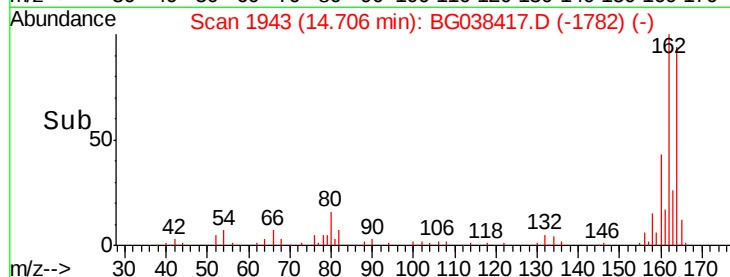
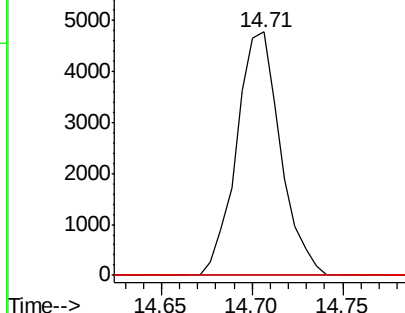
#51
 2,6-Dinitrotoluene
 Concen: 7.018 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BL

Tgt Ion:165 Resp: 8079
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

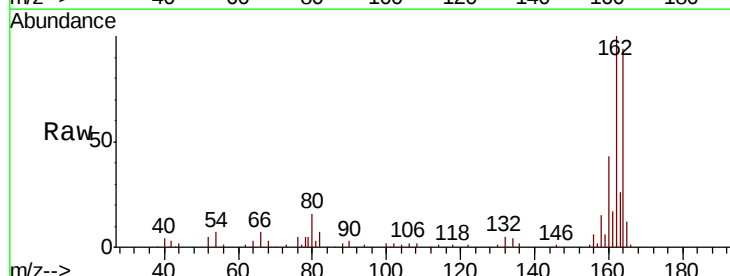


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

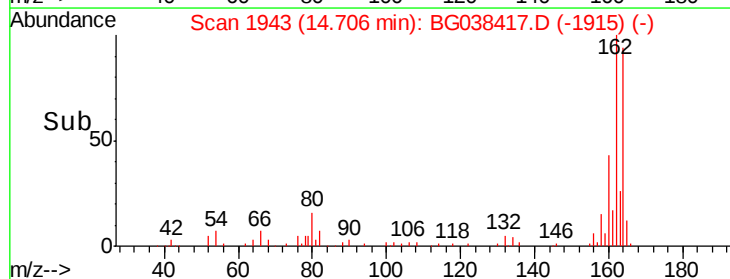
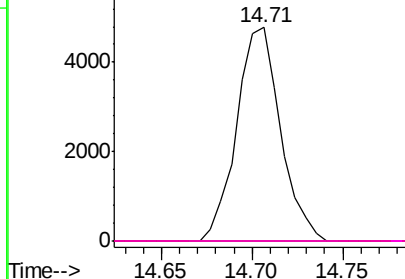


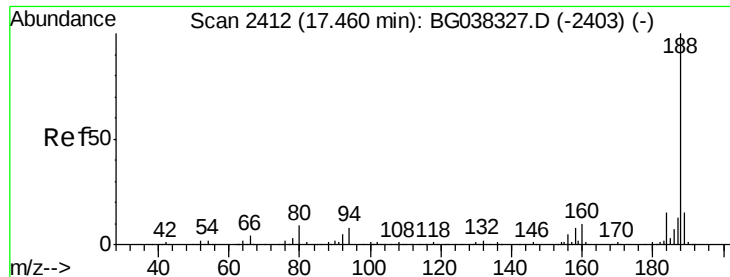
#57
 2,4-Dinitrotoluene
 Concen: 5.088 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Tgt Ion:165 Resp: 8079
 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#



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

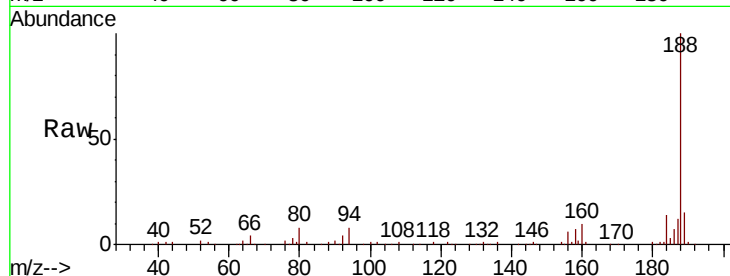




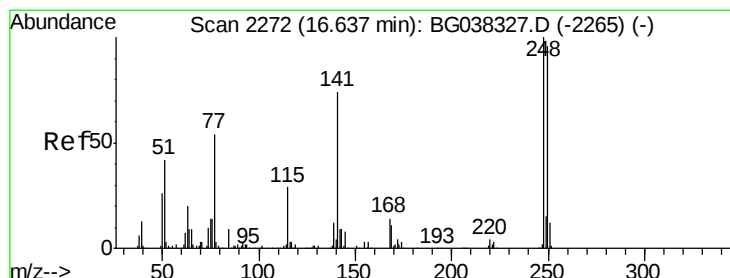
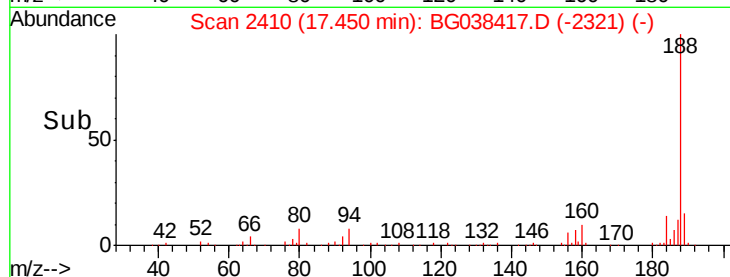
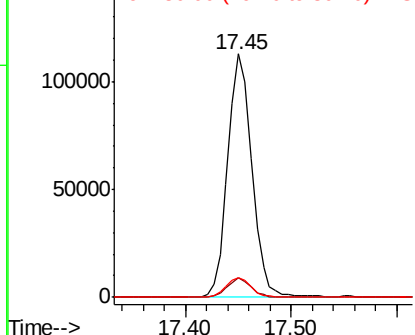
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	7.9	7.7	11.5

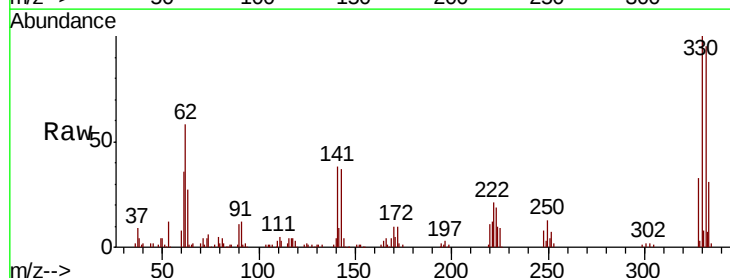


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

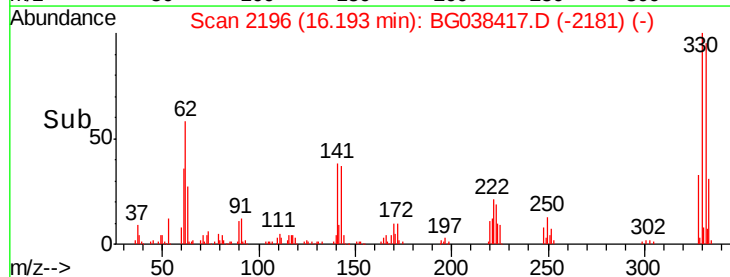
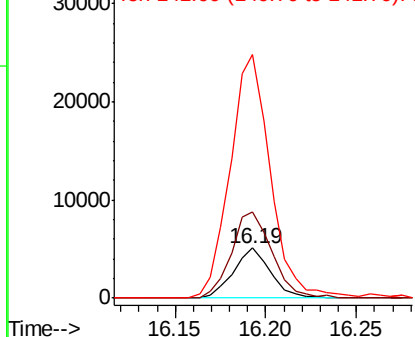


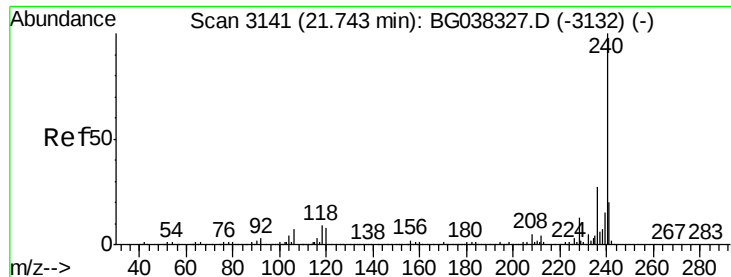
#67
 4-Bromophenyl-phenylether
 Concen: 3.752 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.44 min
 Lab File: BG038417.D
 Acq: 8 Dec 2018 00:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	163.0	77.0	115.6#
141	356.8	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

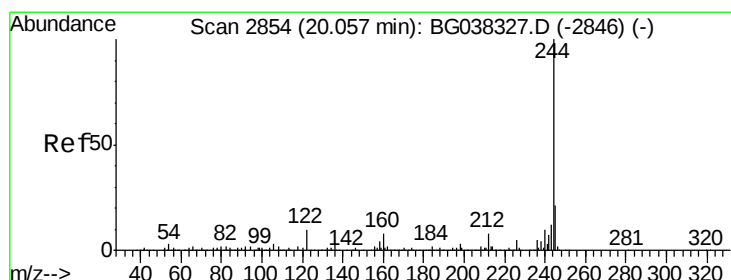
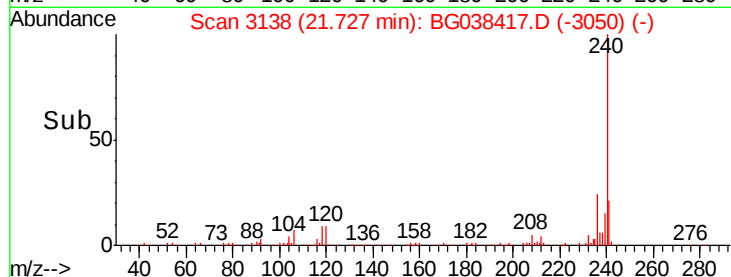
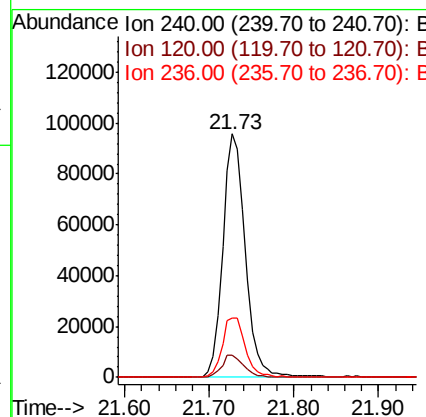
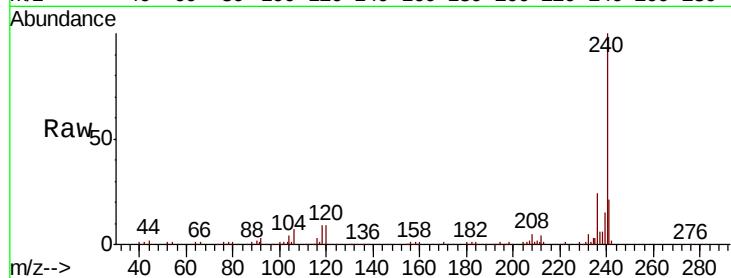




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

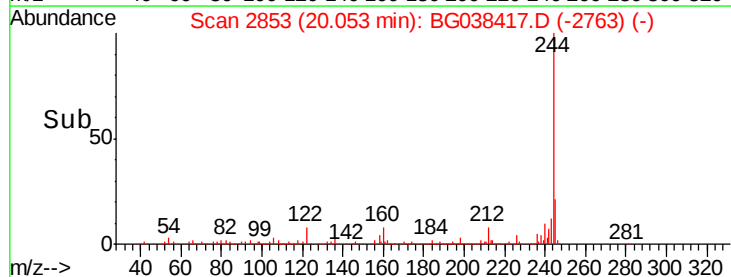
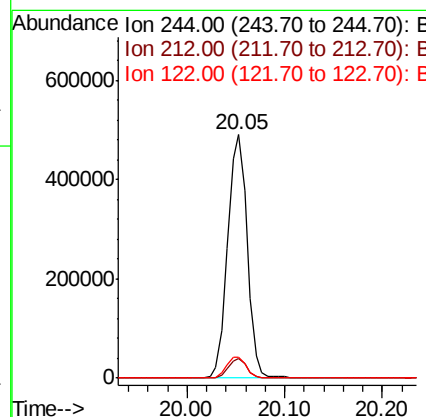
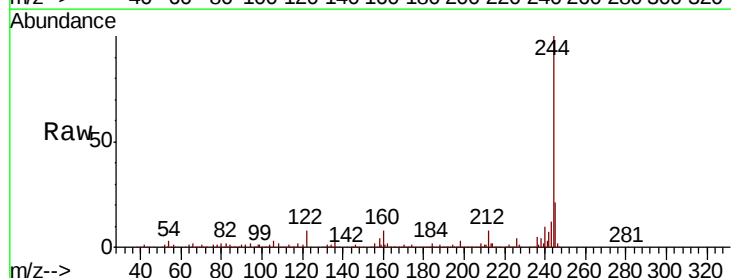
Instrument :
BNA_G
ClientSampleId :
PB115432BL

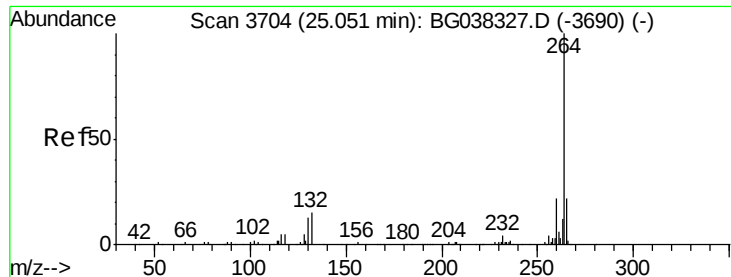
Tgt Ion:240 Resp: 177793
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 24.5 21.4 32.0



#79
Terphenyl-d14
Concen: 81.967 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

Tgt Ion:244 Resp: 680275
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 8.4 9.0 13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG038417.D
Acq: 8 Dec 2018 00:04

Instrument :
BNA_G
ClientSampleId :
PB115432BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.7	17.9	26.9

