

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038406.D
 Acq On : 7 Dec 2018 16:50
 Operator : JU/SJ
 Sample : J6255-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120518-TIPC-E-D-M

Quant Time: Dec 07 22:12:28 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

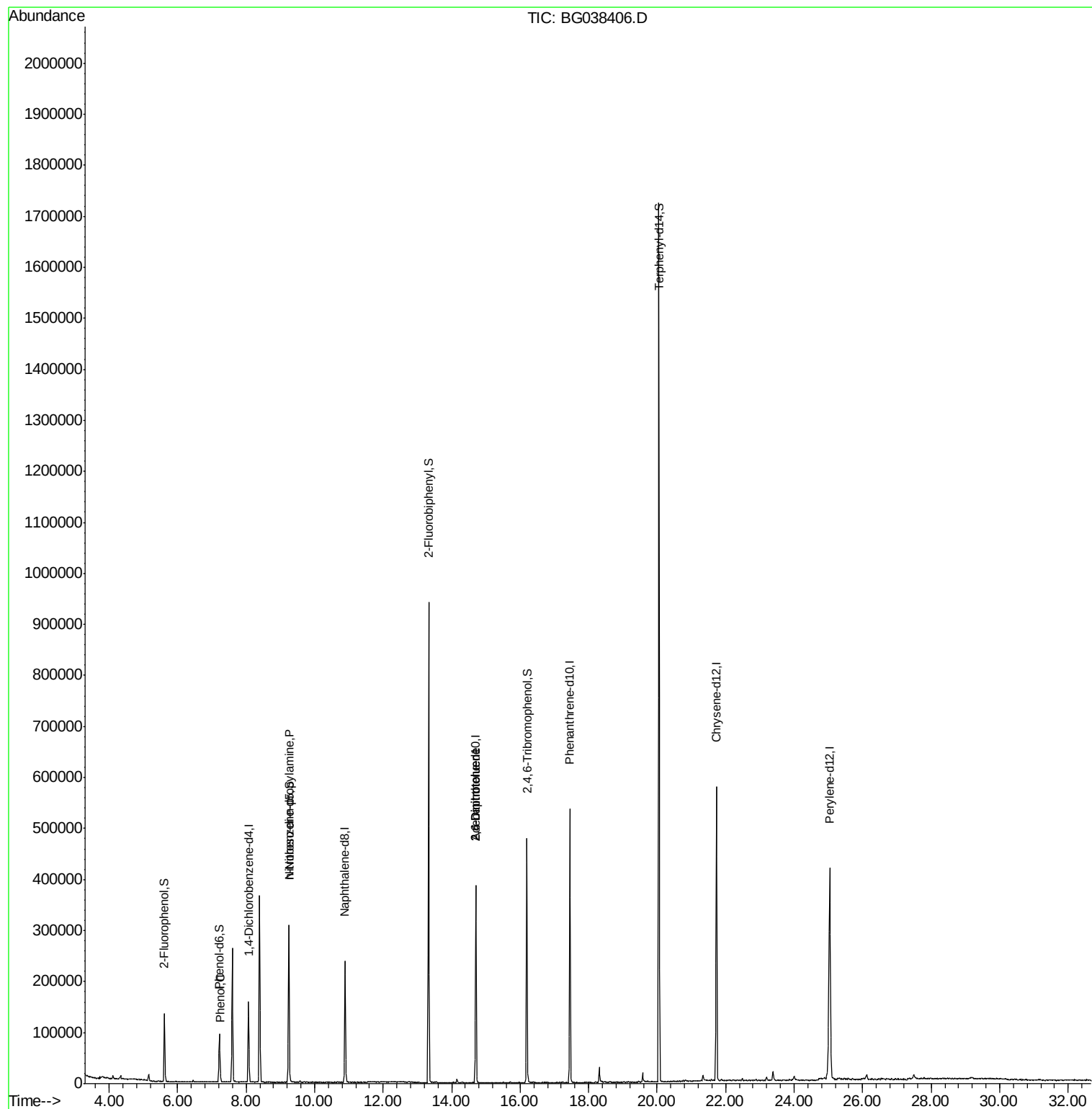
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	46272	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	213929	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	137516	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	351036	20.00	ng	0.00
76) Chrysene-d12	21.73	240	350714	20.00	ng	0.00
87) Perylene-d12	25.04	264	467051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	60712	23.22	ng	0.00
7) Phenol-d6	7.22	99	56008	14.82	ng	0.00
23) Nitrobenzene-d5	9.25	82	196140	45.52	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	93673	55.49	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	501373	51.95	ng	0.00
79) Terphenyl-d14	20.05	244	857151	52.36	ng	0.00
Target Compounds						
10) Phenol	7.24	94	9208	2.306	ng	95
19) n-Nitroso-di-n-propylamine	9.25	70	26128	7.762	ng	# 74
51) 2,6-Dinitrotoluene	14.71	165	17577	6.976	ng	# 25
57) 2,4-Dinitrotoluene	14.71	165	17577	5.058	ng	# 25

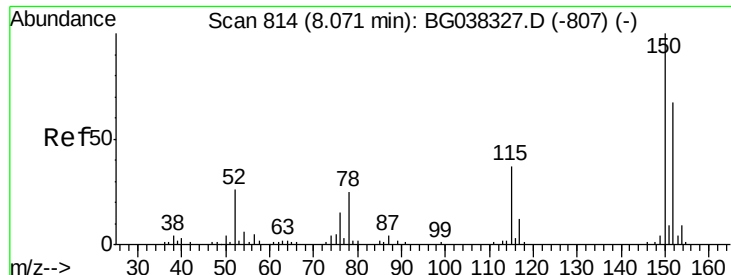
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



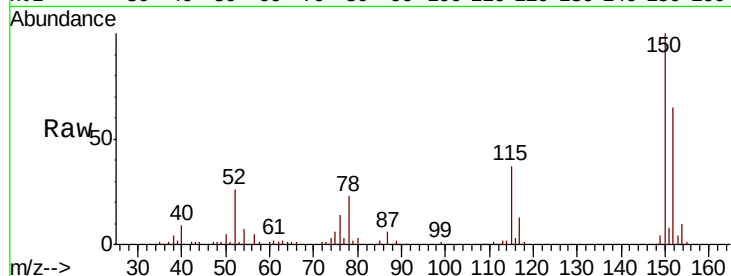


#1

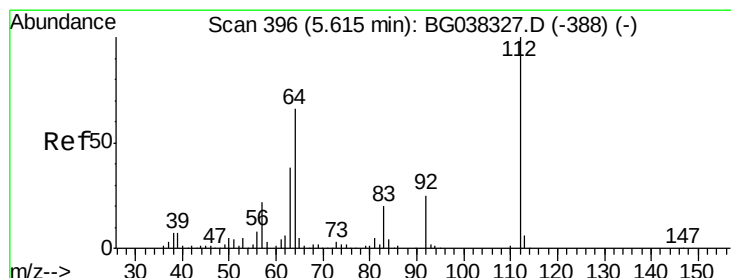
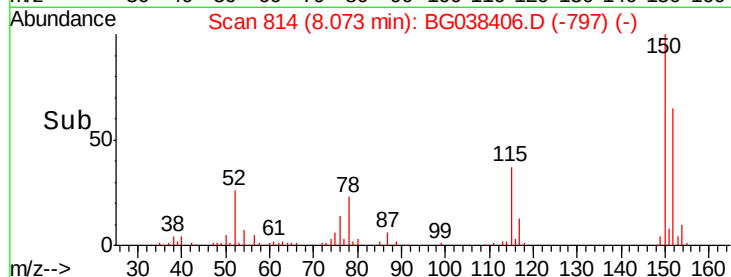
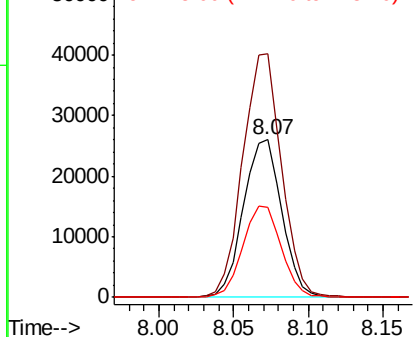
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038406.D
Acq: 7 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
120518-TIPC-E-D-M

Tgt Ion:152 Resp: 46272
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 57.1 45.5 68.3



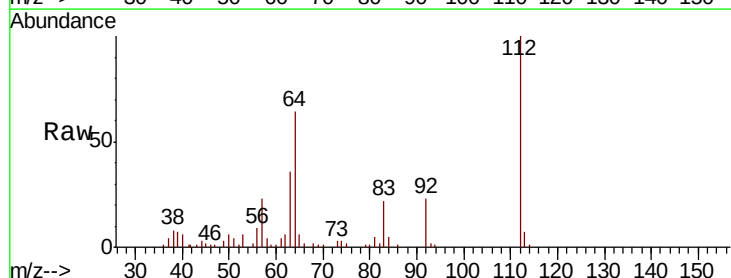
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



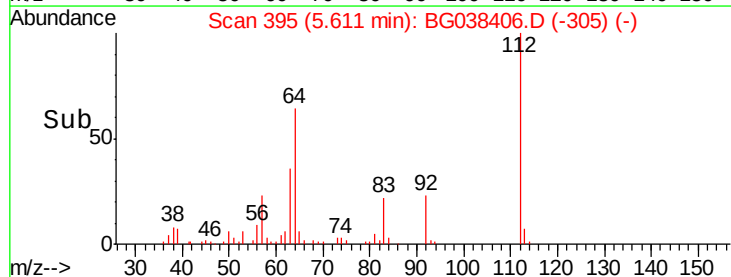
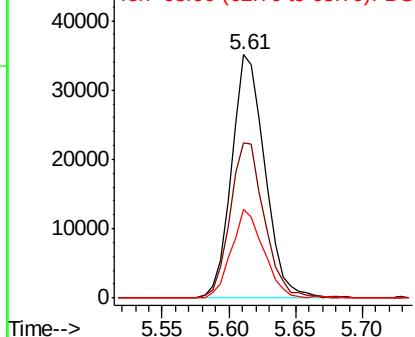
#5

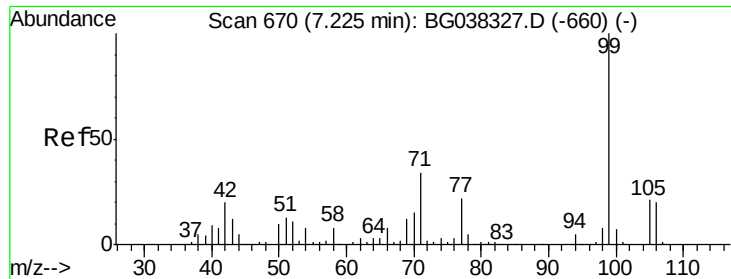
2-Fluorophenol
Concen: 23.219 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038406.D
Acq: 7 Dec 2018 16:50

Tgt Ion:112 Resp: 60712
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 36.4 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: 14.820 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038406.D

Acq: 7 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

120518-TIPC-E-D-M

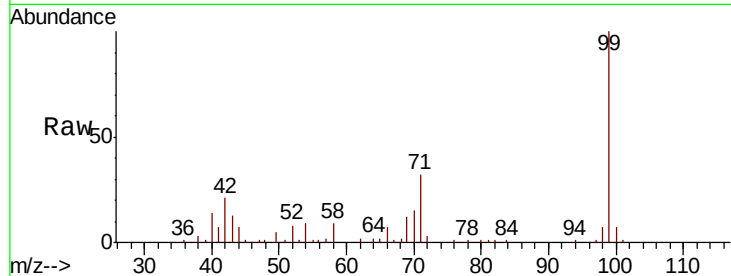
Tgt Ion: 99 Resp: 56008

Ion Ratio Lower Upper

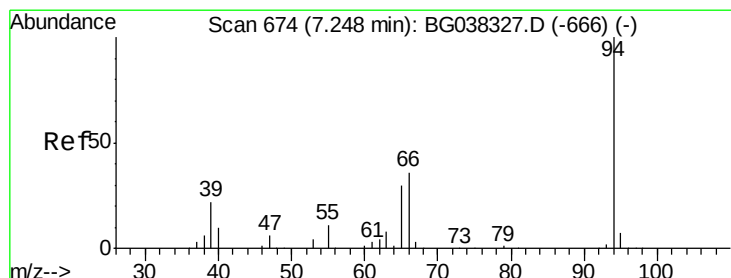
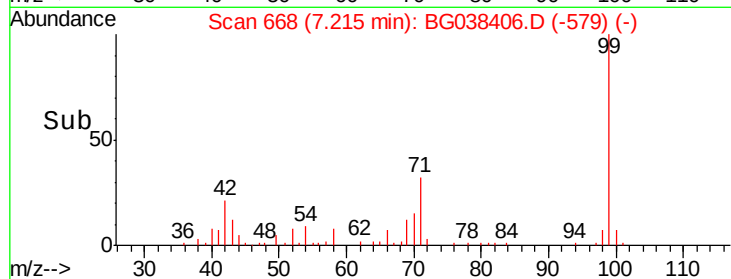
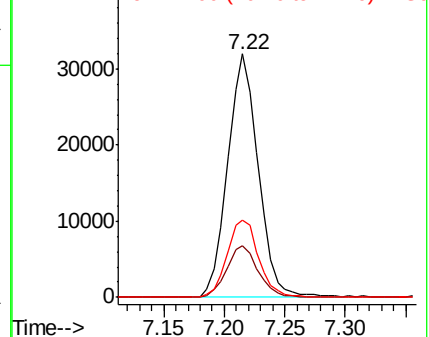
99 100

42 21.1 15.0 22.4

71 31.6 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



#10

Phenol

Concen: 2.306 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038406.D

Acq: 7 Dec 2018 16:50

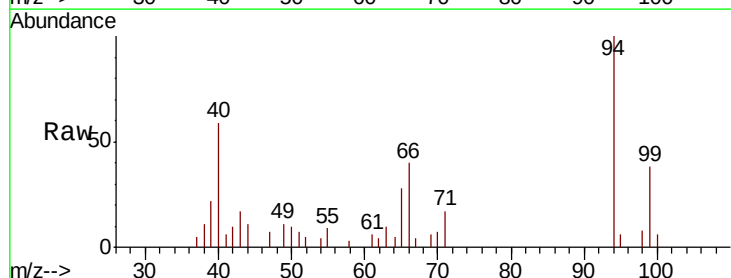
Tgt Ion: 94 Resp: 9208

Ion Ratio Lower Upper

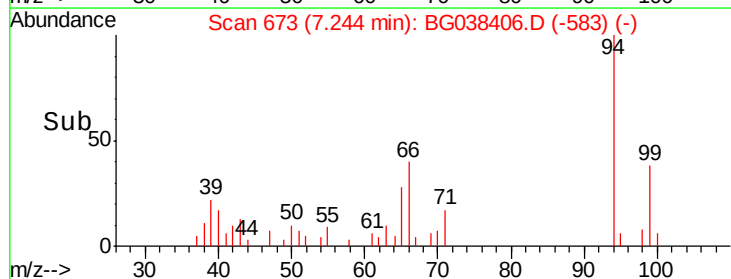
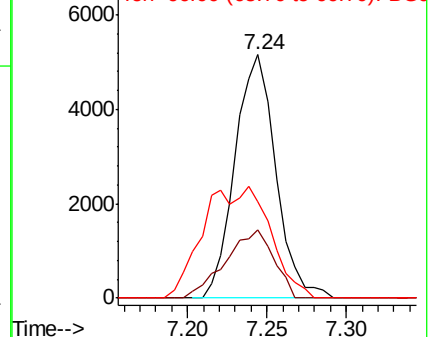
94 100

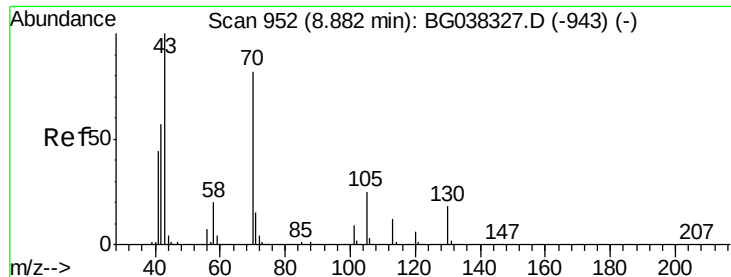
65 28.0 9.7 49.7

66 39.6 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

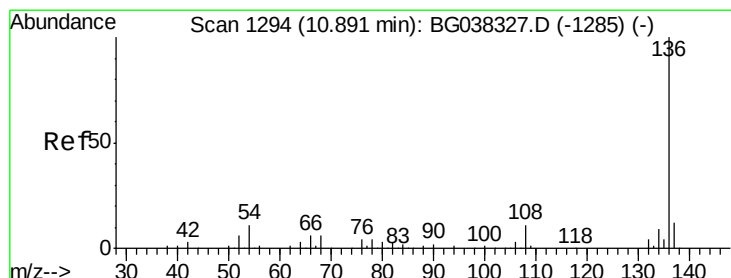
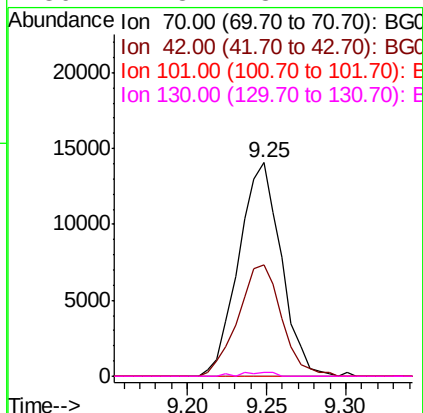
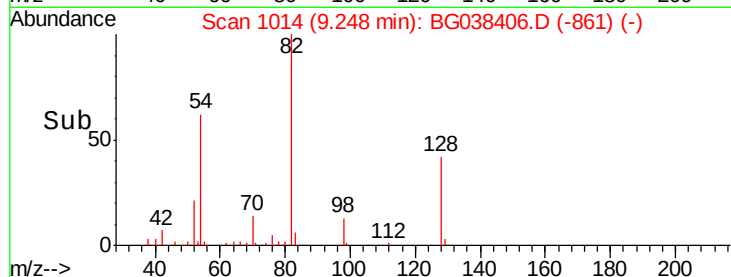
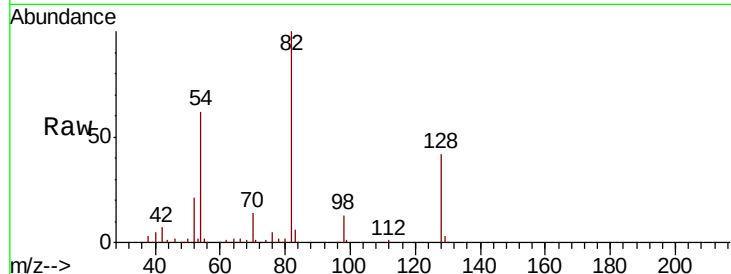




#19
n-Nitroso-di-n-propylamine
Concen: 7.762 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038406.D
Acq: 7 Dec 2018 16:50

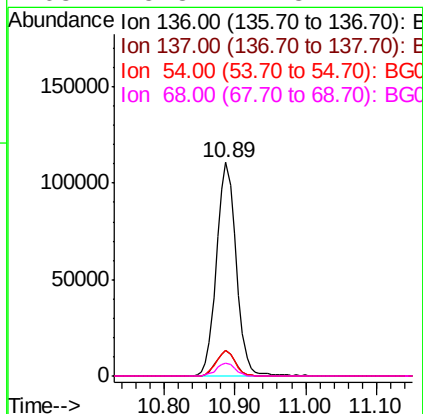
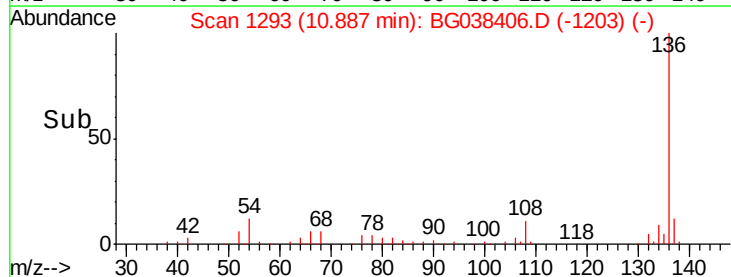
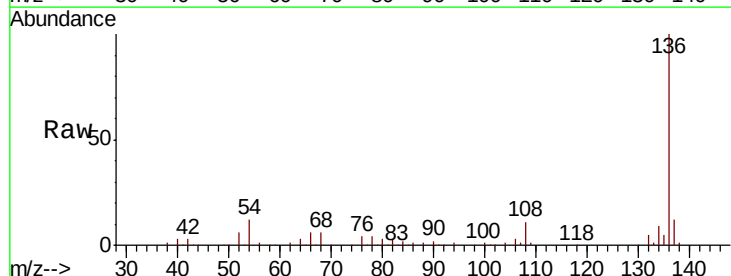
Instrument :
BNA_G
ClientSampleId :
120518-TIPC-E-D-M

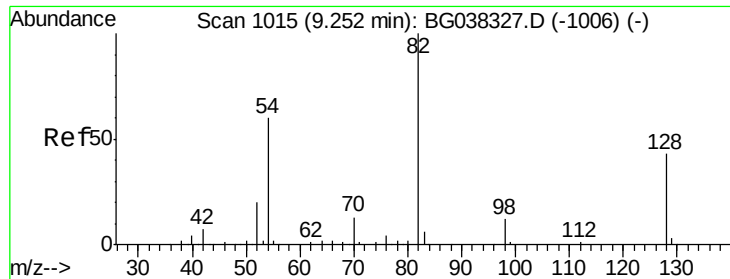
Tgt Ion: 70 Resp: 26128
Ion Ratio Lower Upper
70 100
42 52.0 53.9 80.9#
101 0.0 8.2 12.2#
130 1.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038406.D
Acq: 7 Dec 2018 16:50

Tgt Ion: 136 Resp: 213929
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 11.8 7.9 11.9
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 45.519 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG038406.D

Acq: 7 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

120518-TIPC-E-D-M

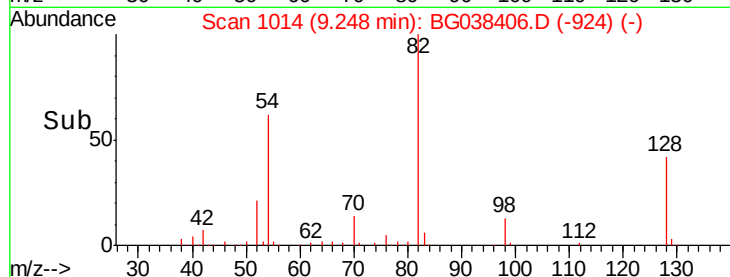
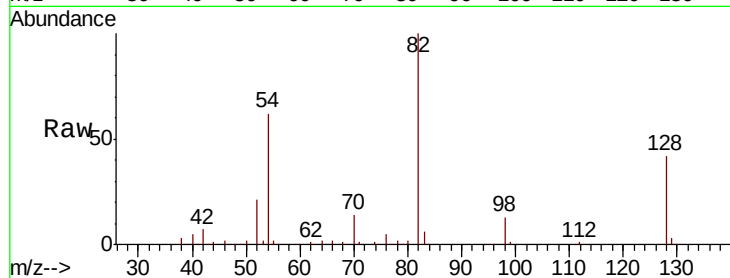
Tgt Ion: 82 Resp: 196140

Ion Ratio Lower Upper

82 100

128 42.2 34.6 51.8

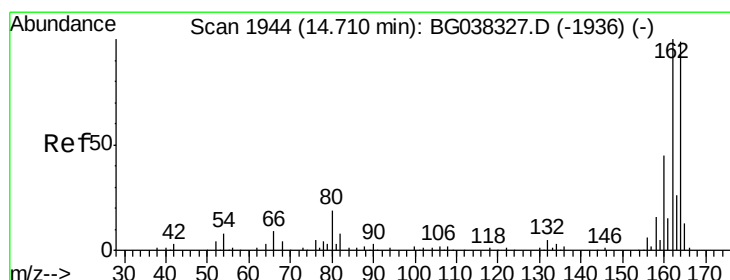
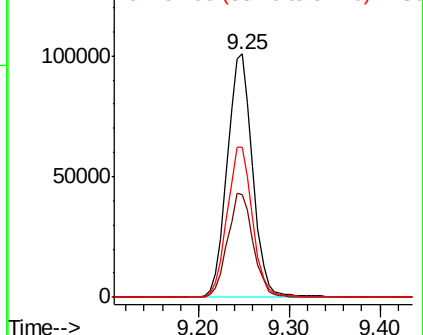
54 61.5 45.3 67.9



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: BG038406.D

Acq: 7 Dec 2018 16:50

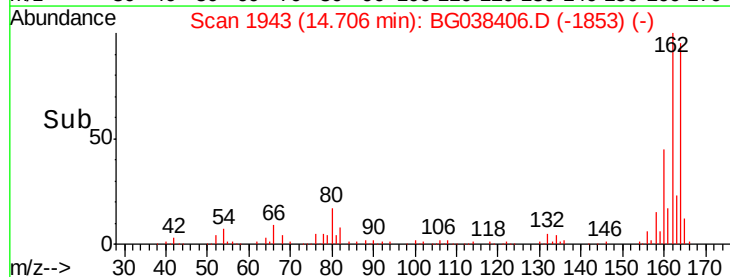
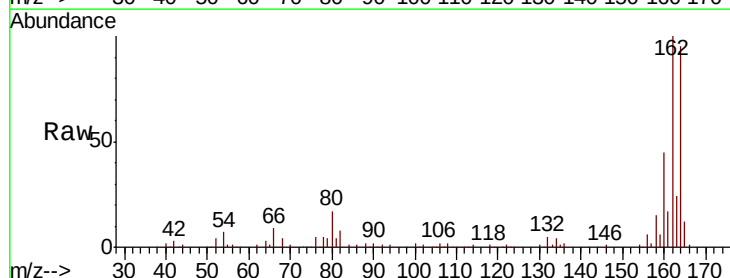
Tgt Ion: 164 Resp: 137516

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

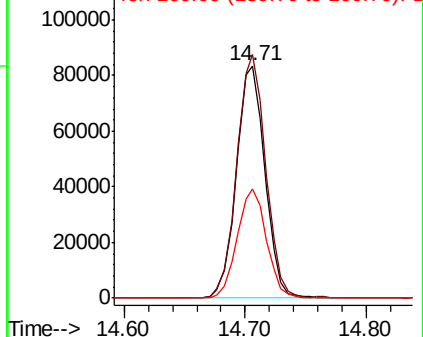
160 46.8 36.3 54.5

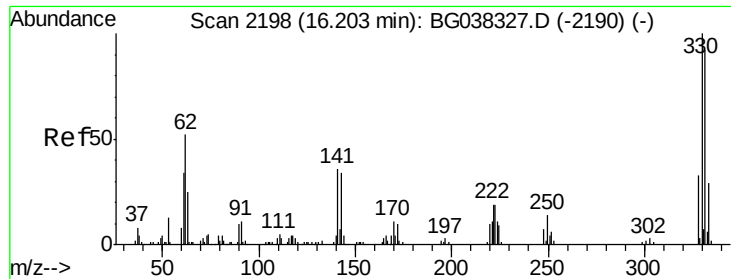


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

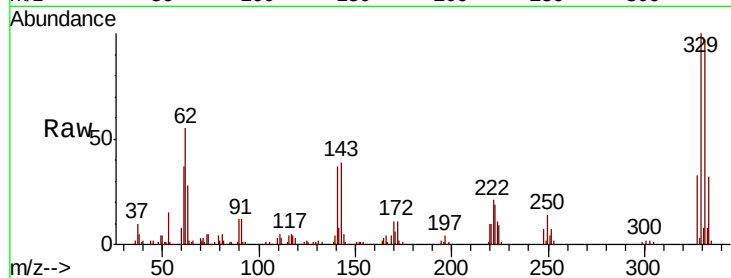




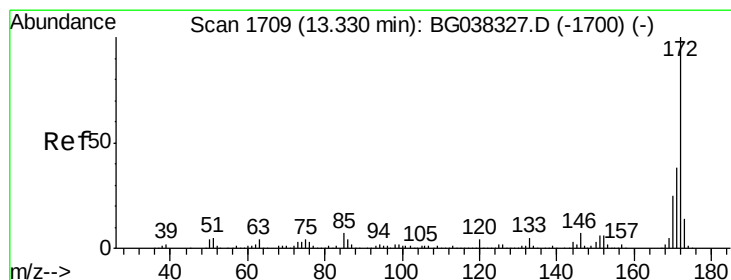
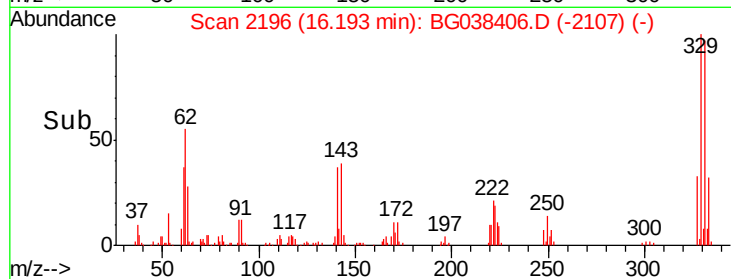
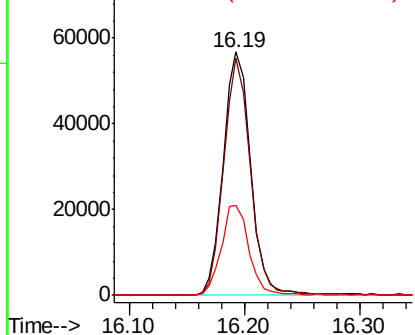
#42
 2,4,6-Tribromophenol
 Concen: 55.488 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038406.D
 Acq: 7 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 120518-TIPC-E-D-M

Tgt Ion:330 Resp: 93673
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.4 117.6
 141 37.7 32.2 48.2

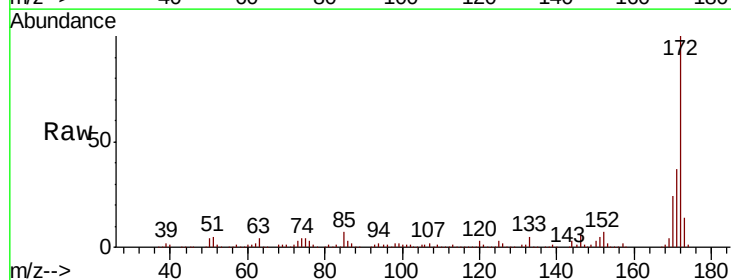


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

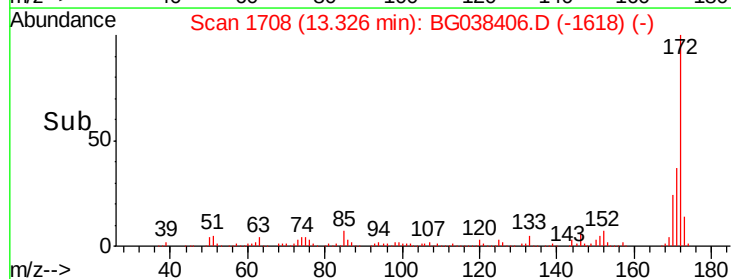
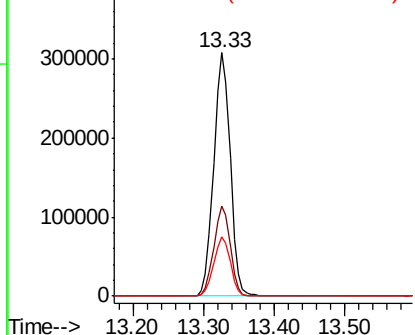


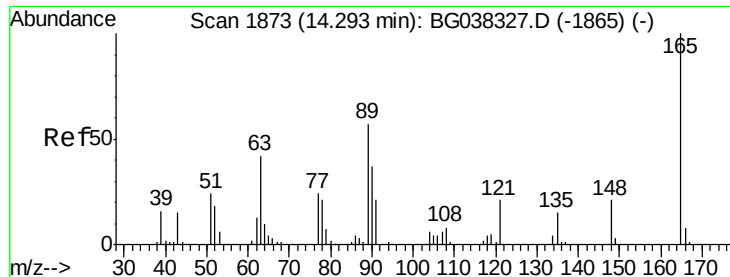
#45
 2-Fluorobiphenyl
 Concen: 51.951 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038406.D
 Acq: 7 Dec 2018 16:50

Tgt Ion:172 Resp: 501373
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.4 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

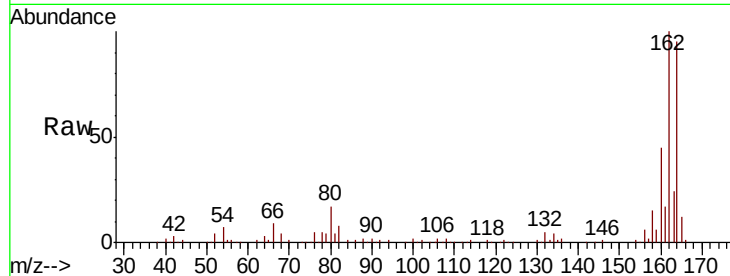




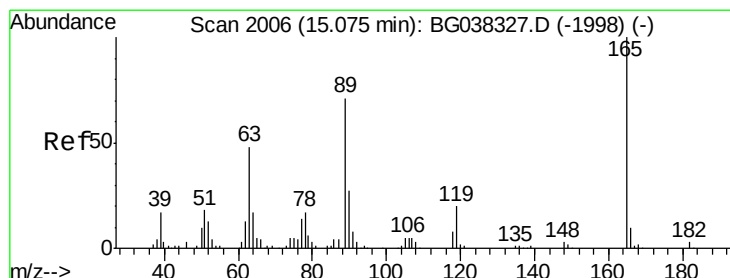
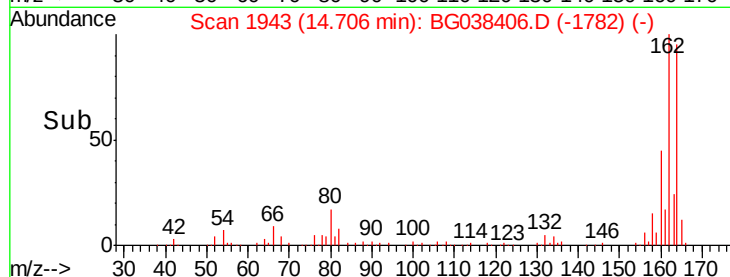
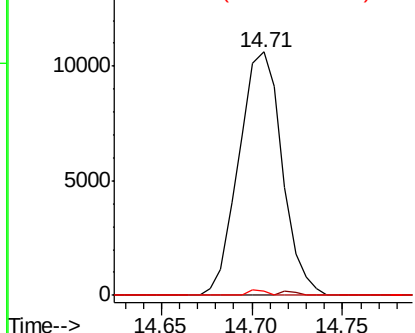
#51
 2,6-Dinitrotoluene
 Concen: 6.976 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038406.D
 Acq: 7 Dec 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 120518-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.8	45.8	68.6#

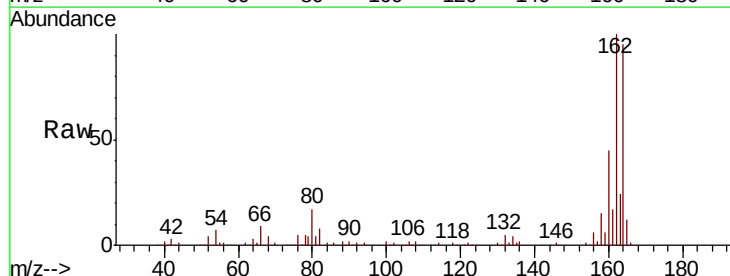


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

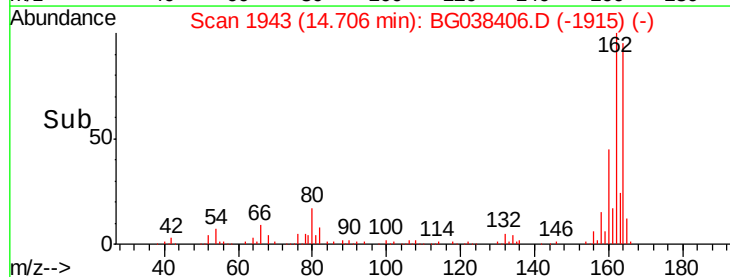
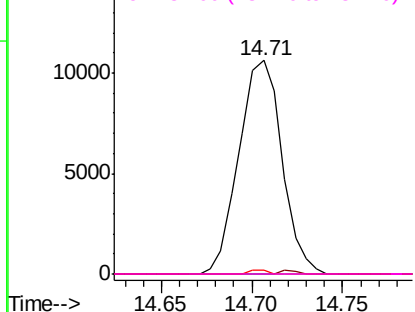


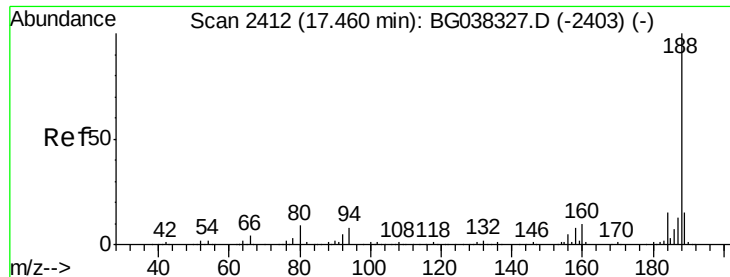
#57
 2,4-Dinitrotoluene
 Concen: 5.058 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038406.D
 Acq: 7 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.8	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

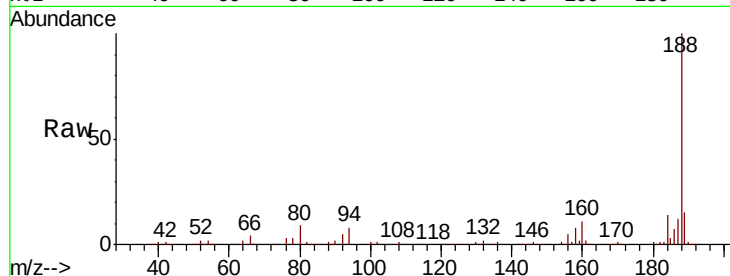




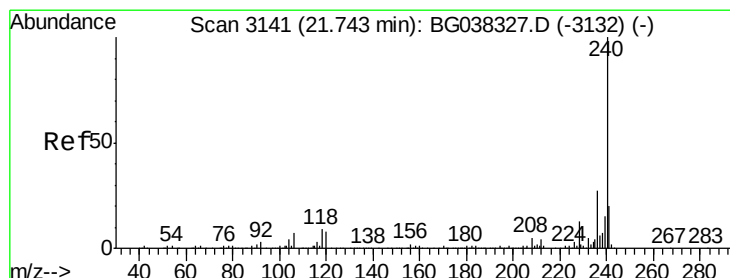
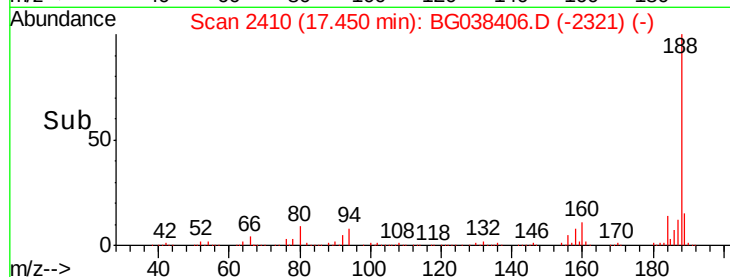
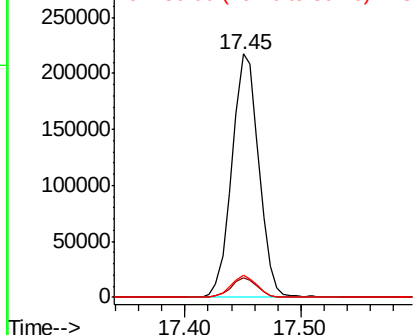
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG038406.D
Acq: 7 Dec 2018 16:50

Instrument :
BNA_G
ClientSampleId :
120518-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	9.1	7.7	11.5

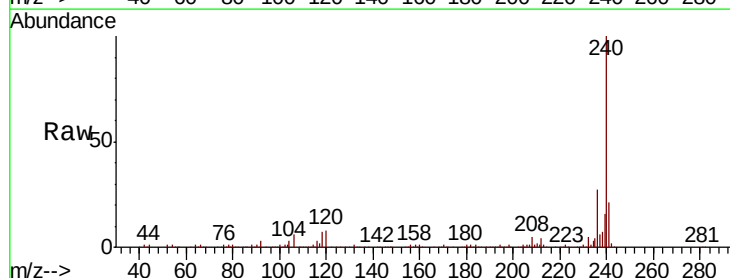


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

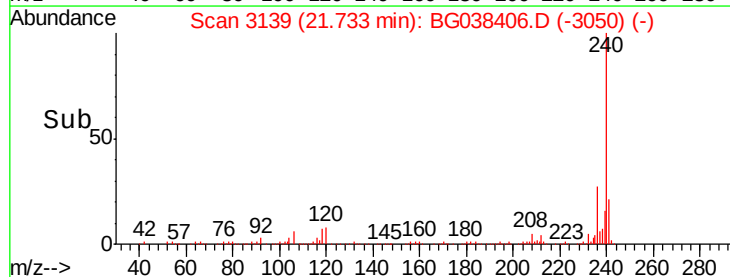
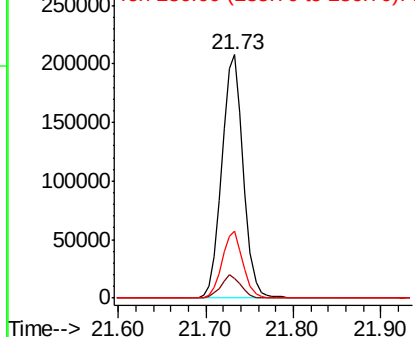


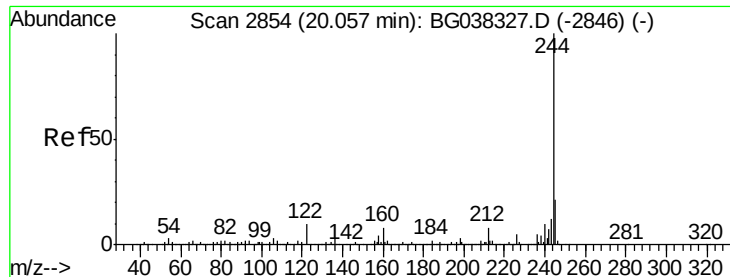
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038406.D
Acq: 7 Dec 2018 16:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.1	12.1#
236	27.4	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: 52.357 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038406.D

Acq: 7 Dec 2018 16:50

Instrument :

BNA_G

ClientSampleId :

120518-TIPC-E-D-M

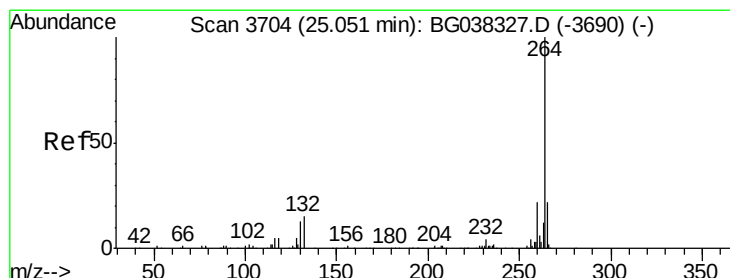
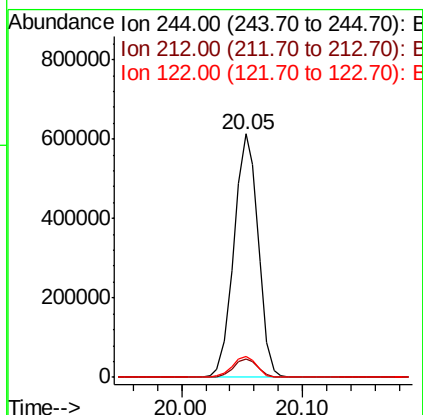
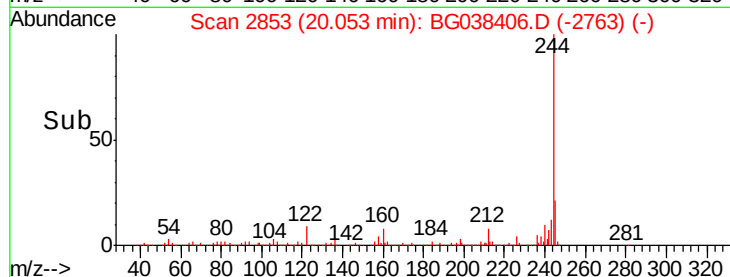
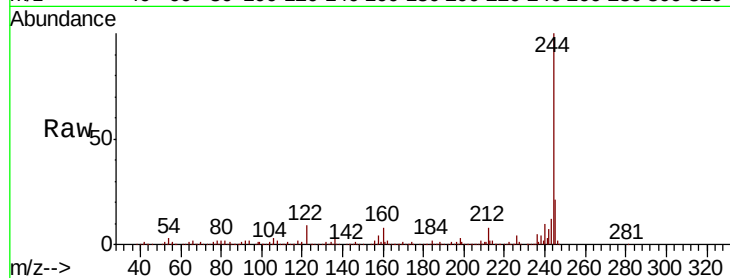
Tgt Ion:244 Resp: 857151

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 8.8 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: BG038406.D

Acq: 7 Dec 2018 16:50

Tgt Ion:264 Resp: 467051

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.1 17.9 26.9

