

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038405.D
 Acq On : 7 Dec 2018 16:11
 Operator : JU/SJ
 Sample : J6255-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120518-DBRI-F-D-S

Quant Time: Dec 07 22:12:19 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

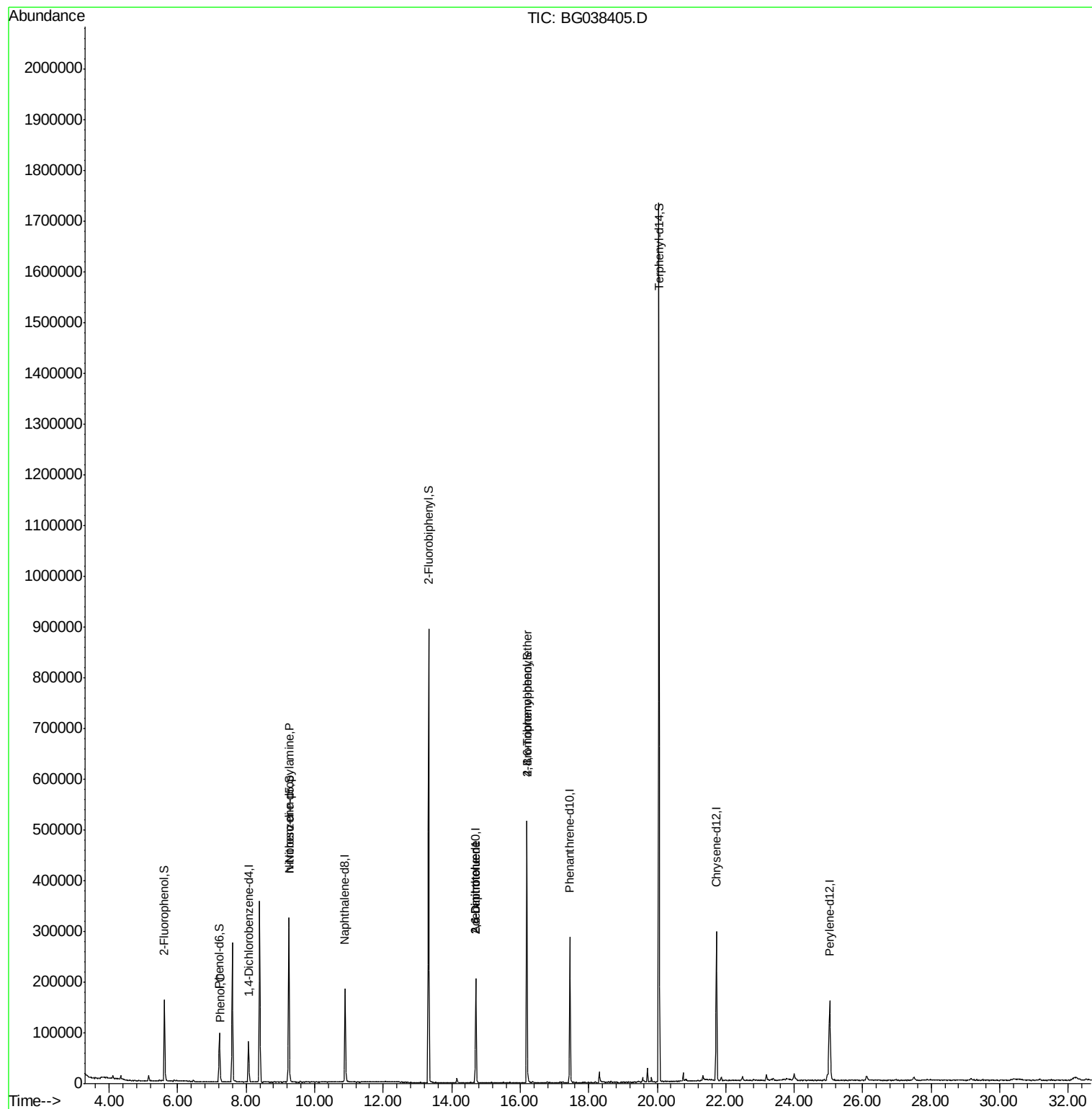
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24234	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	173413	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	73677	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	191603	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	185622	20.00	ng	-0.01
87) Perylene-d12	25.04	264	190963	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	78113	57.04	ng	0.00
7) Phenol-d6	7.21	99	58172	29.39	ng	-0.01
23) Nitrobenzene-d5	9.25	82	201223	57.61	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	98149	108.51	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	478235	92.49	ng	0.00
79) Terphenyl-d14	20.05	244	840165	96.96	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7450	3.562	ng	88
19) n-Nitroso-di-n-propylamine	9.25	70	27314	17.708	ng	# 71
51) 2,6-Dinitrotoluene	14.71	165	9725	7.204	ng	# 26
57) 2,4-Dinitrotoluene	14.71	165	9725	5.223	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	6500	3.141	ng	# 1

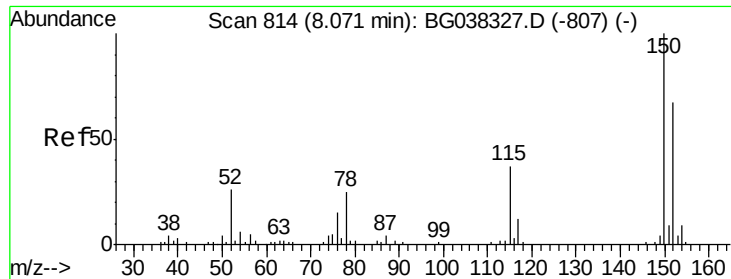
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
Data File : BG038405.D
Acq On : 7 Dec 2018 16:11
Operator : JU/SJ
Sample : J6255-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120518-DBRI-F-D-S

Quant Time: Dec 07 22:12:19 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



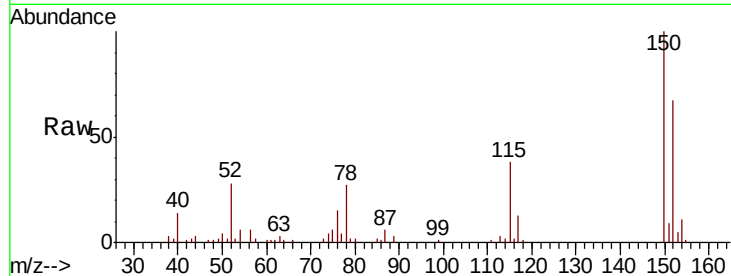


#1

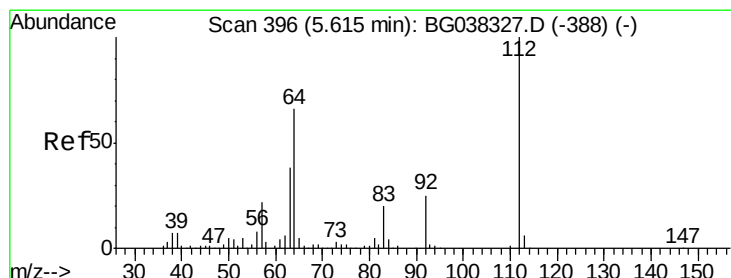
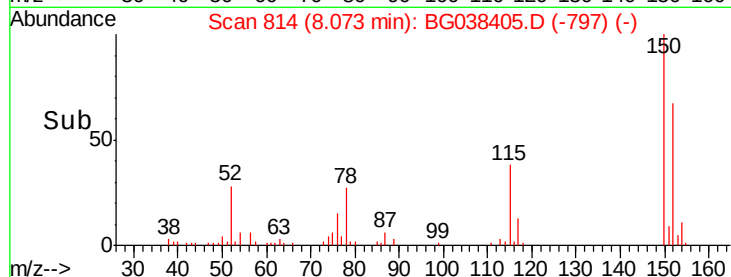
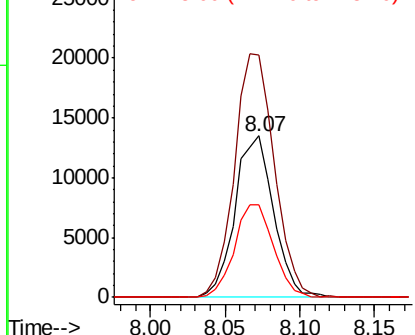
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

Instrument :
BNA_G
ClientSampleId :
120518-DBRI-F-D-S

Tgt Ion:152 Resp: 24234
Ion Ratio Lower Upper
152 100
150 150.2 126.0 189.0
115 57.6 45.5 68.3



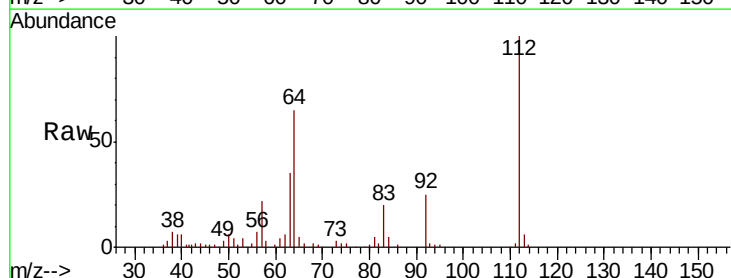
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



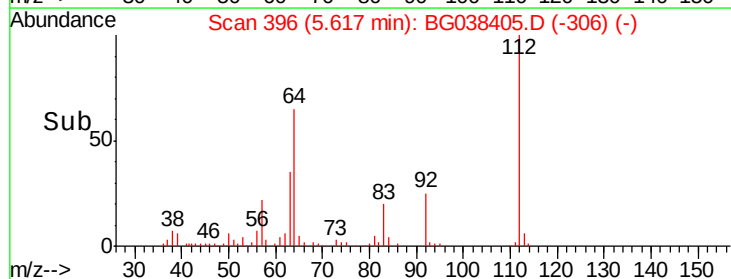
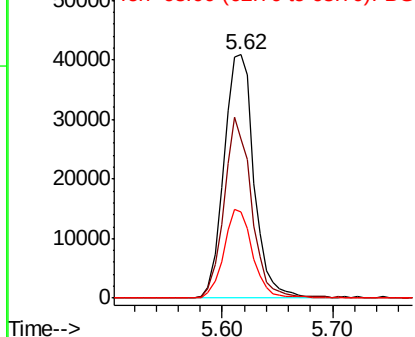
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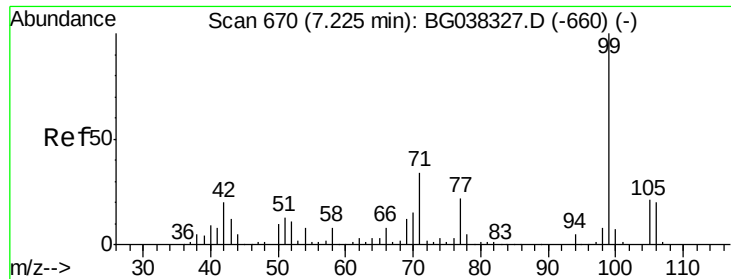
2-Fluorophenol
Concen: 57.041 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

Tgt Ion:112 Resp: 78113
Ion Ratio Lower Upper
112 100
64 65.2 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: 29.390 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038405.D

Acq: 7 Dec 2018 16:11

Instrument :

BNA_G

ClientSampleId :

120518-DBRI-F-D-S

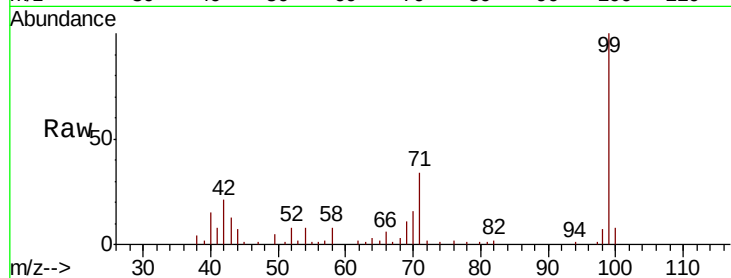
Tgt Ion: 99 Resp: 58172

Ion Ratio Lower Upper

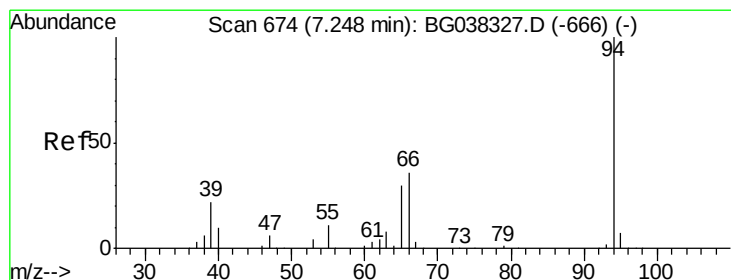
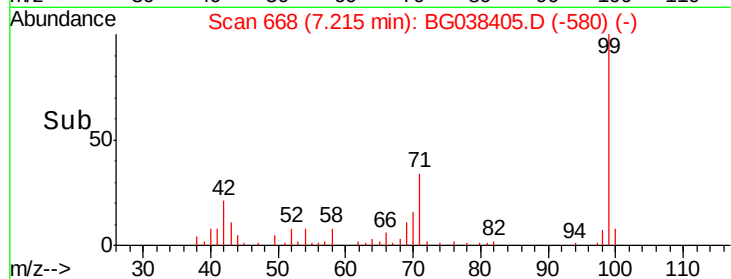
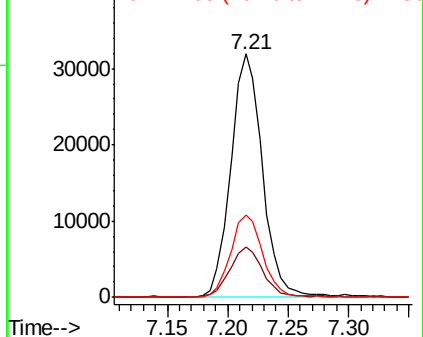
99 100

42 20.8 15.0 22.4

71 33.6 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: 3.562 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038405.D

Acq: 7 Dec 2018 16:11

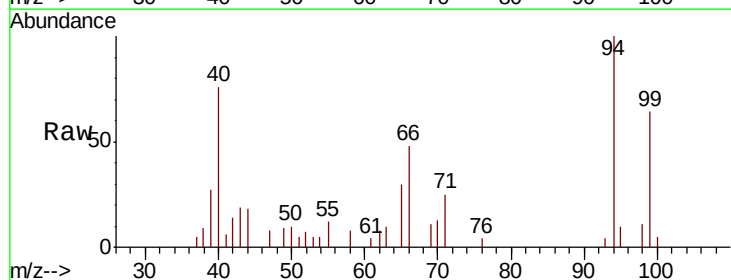
Tgt Ion: 94 Resp: 7450

Ion Ratio Lower Upper

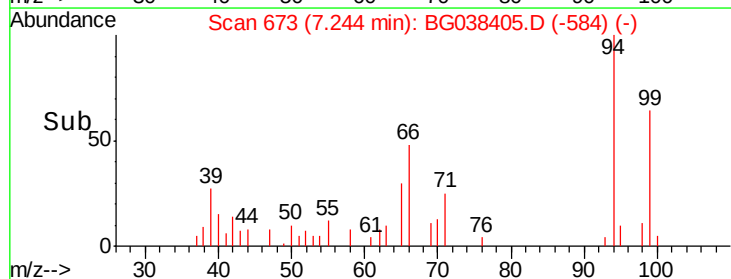
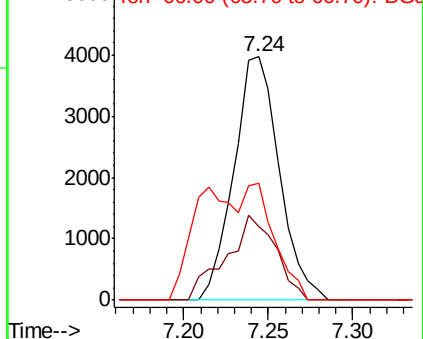
94 100

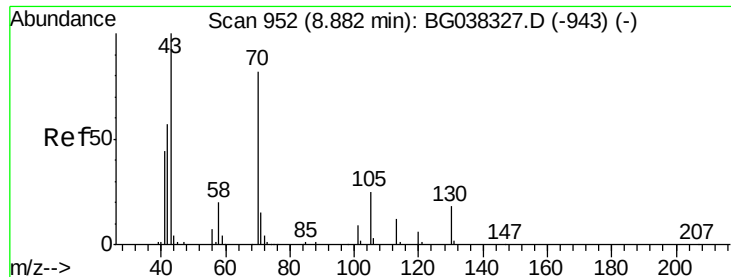
65 30.3 9.7 49.7

66 47.9 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

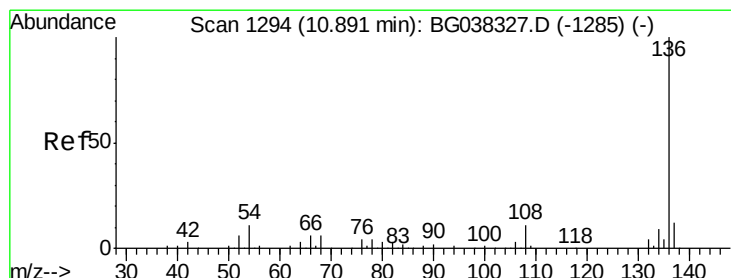
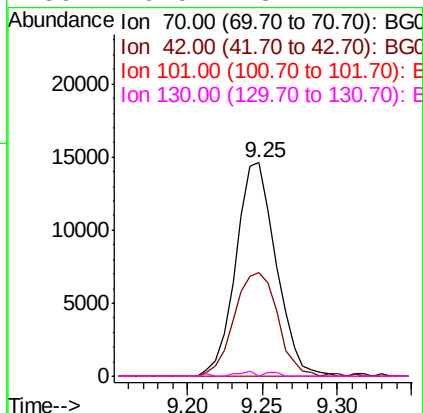
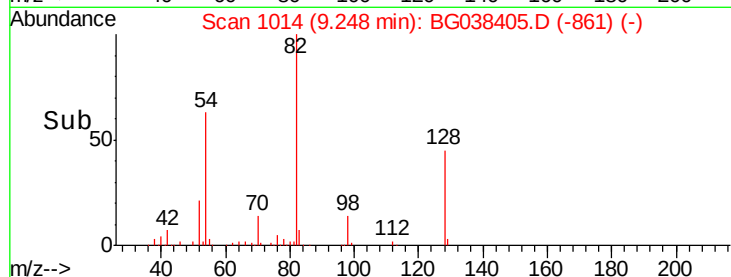
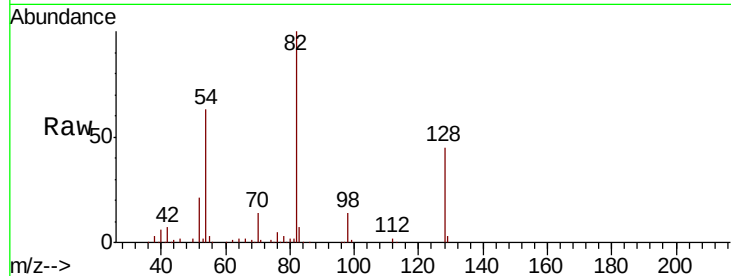




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.708 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. 0.37 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

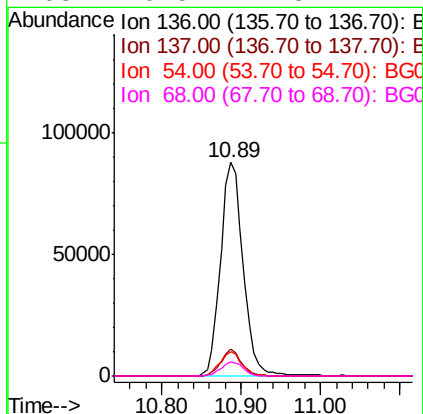
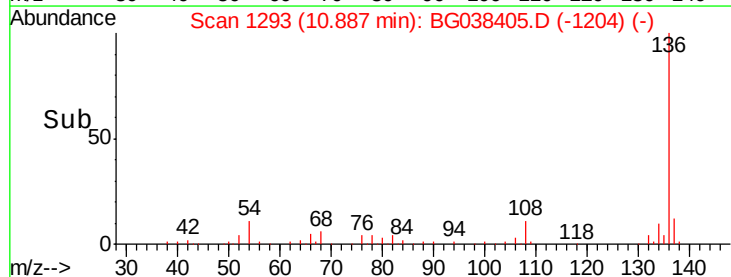
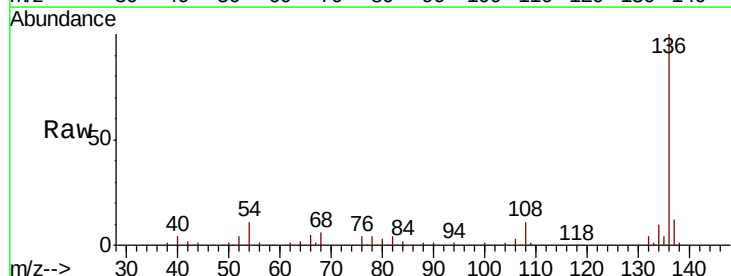
Instrument :
 BNA_G
 ClientSampleId :
 120518-DBRI-F-D-S

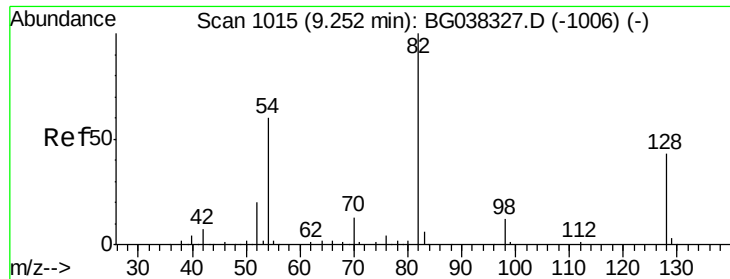
Tgt Ion: 70 Resp: 27314
 Ion Ratio Lower Upper
 70 100
 42 48.6 53.9 80.9#
 101 0.0 8.2 12.2#
 130 0.0 18.2 27.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Tgt Ion: 136 Resp: 173413
 Ion Ratio Lower Upper
 136 100
 137 12.4 9.6 14.4
 54 11.1 7.9 11.9
 68 6.5 4.8 7.2

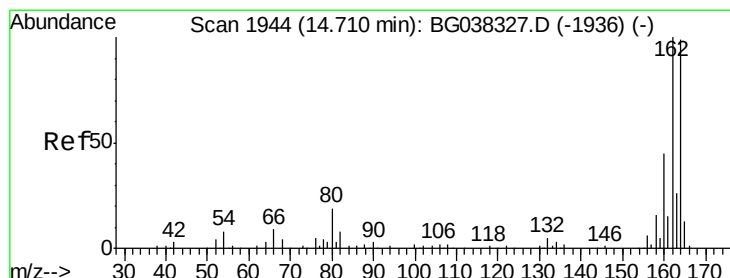
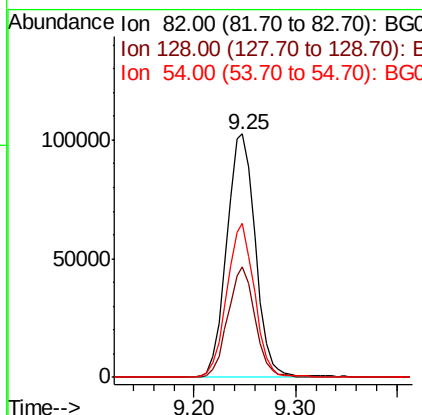
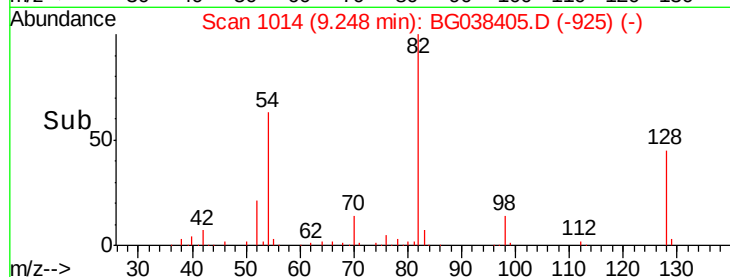
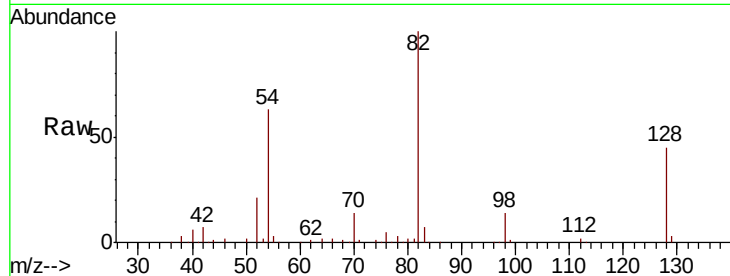




#23
 Nitrobenzene-d5
 Concen: 57.610 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

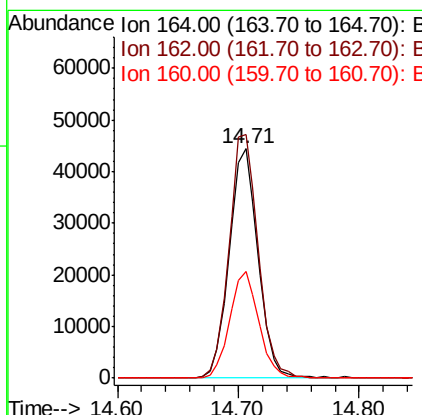
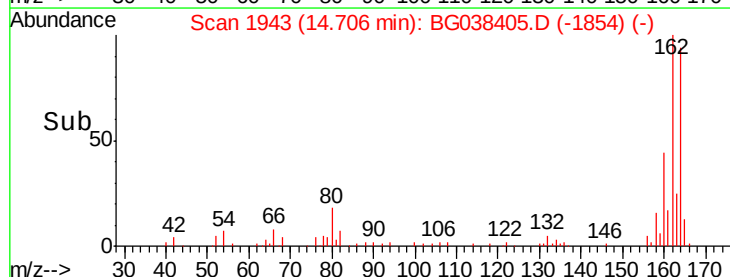
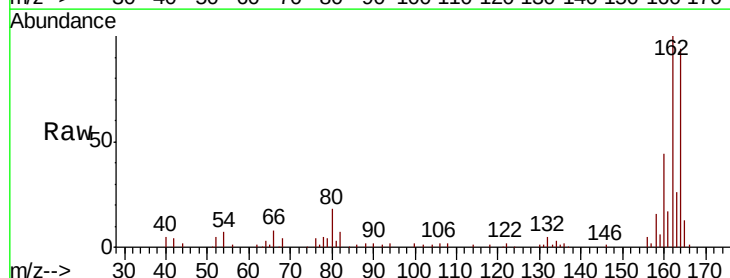
Instrument :
 BNA_G
 ClientSampleId :
 120518-DBRI-F-D-S

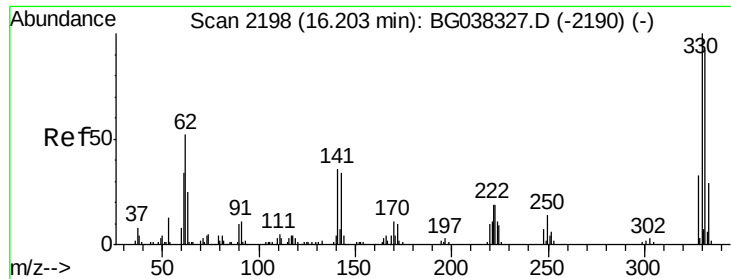
Tgt Ion: 82 Resp: 201223
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 51.8
 54 63.3 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Tgt Ion: 164 Resp: 73677
 Ion Ratio Lower Upper
 164 100
 162 106.2 81.3 121.9
 160 46.7 36.3 54.5

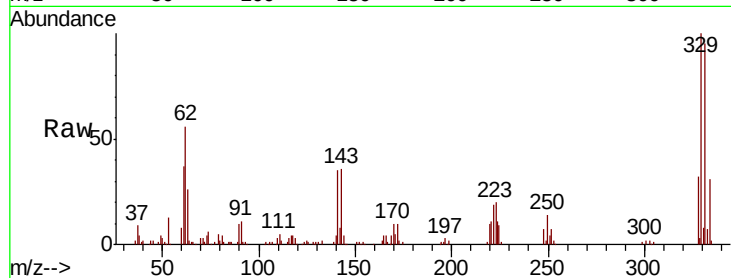




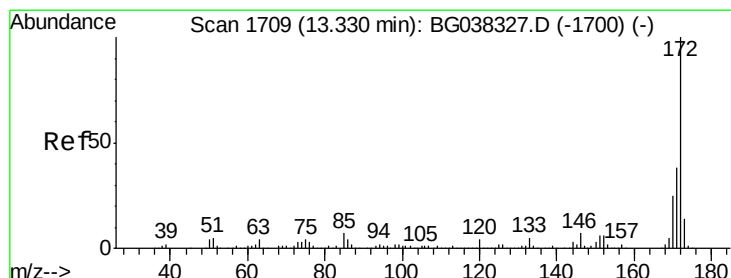
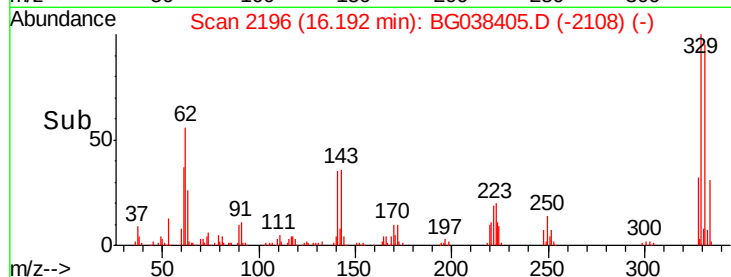
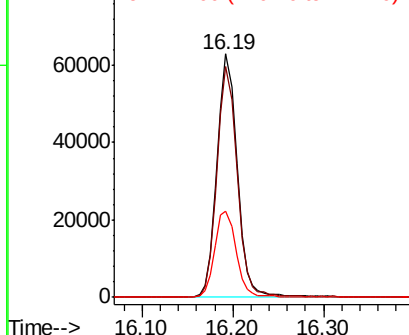
#42
 2,4,6-Tribromophenol
 Concen: 108.515 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 120518-DBRI-F-D-S

Tgt Ion:330 Resp: 98149
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.4 117.6
 141 37.4 32.2 48.2

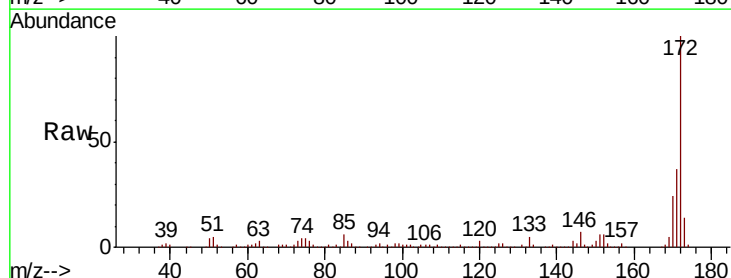


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

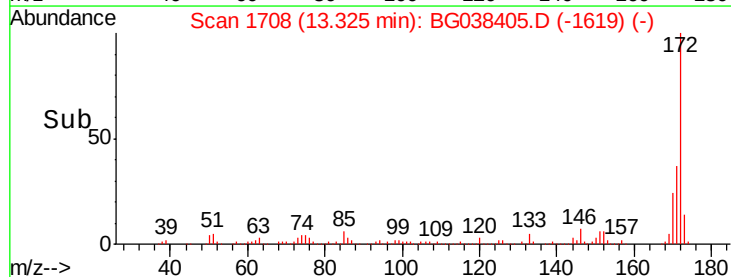
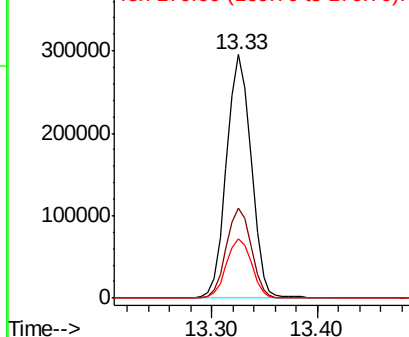


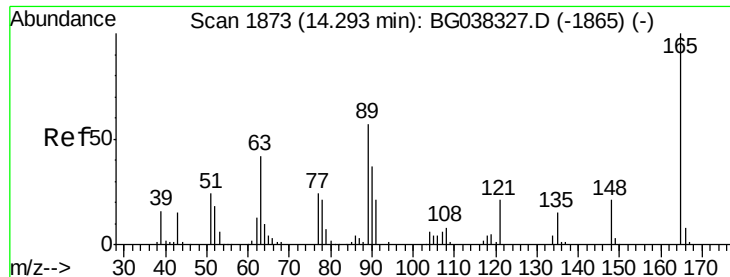
#45
 2-Fluorobiphenyl
 Concen: 92.491 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Tgt Ion:172 Resp: 478235
 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

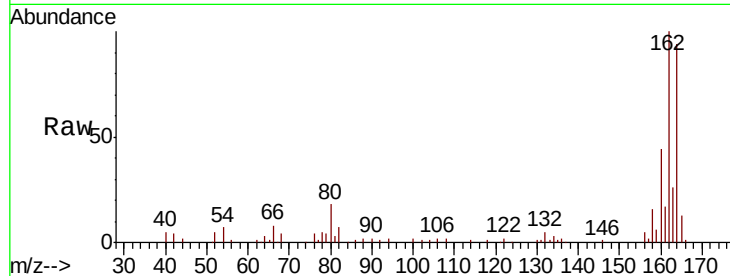




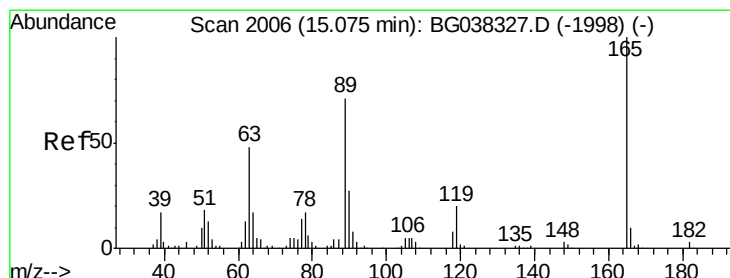
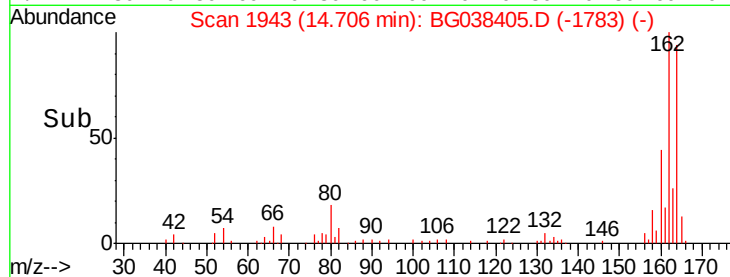
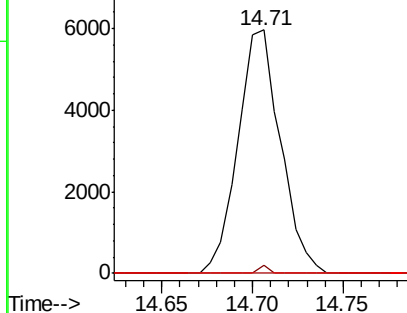
#51
 2,6-Dinitrotoluene
 Concen: 7.204 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 120518-DBRI-F-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	43.4	65.2#
89	0.0	45.8	68.6#

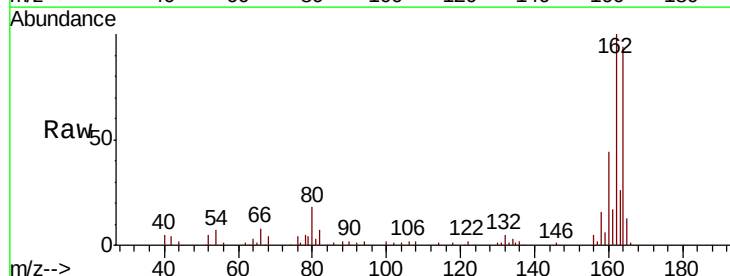


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

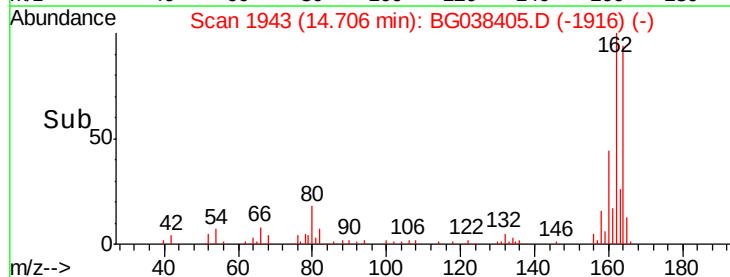
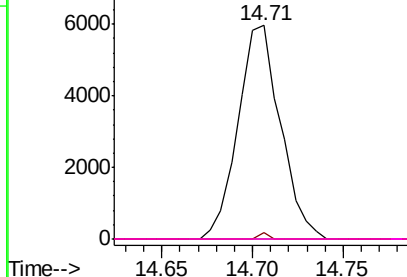


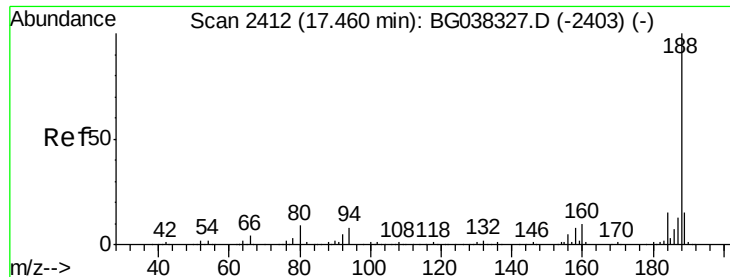
#57
 2,4-Dinitrotoluene
 Concen: 5.223 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.3	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

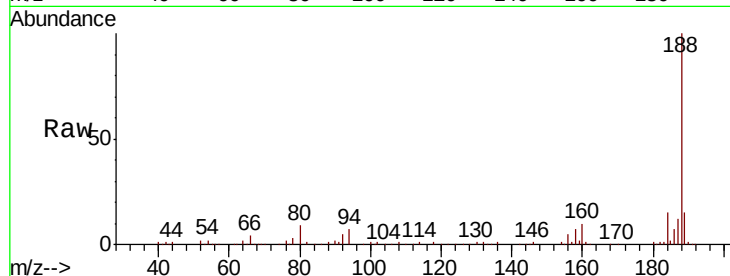




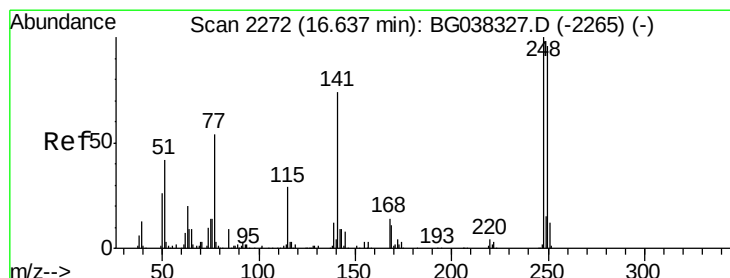
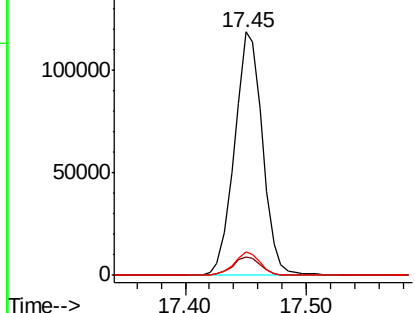
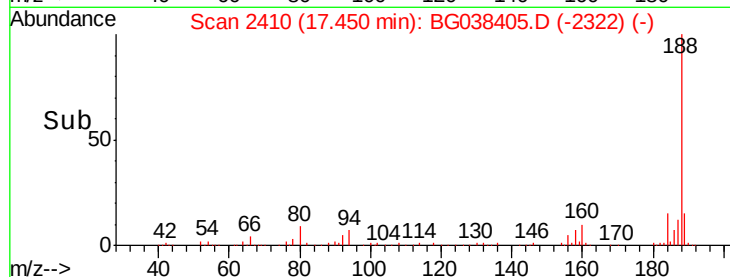
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Instrument :
 BNA_G
 ClientSampleId :
 120518-DBRI-F-D-S

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.2	10.8
80	9.4	7.7	11.5

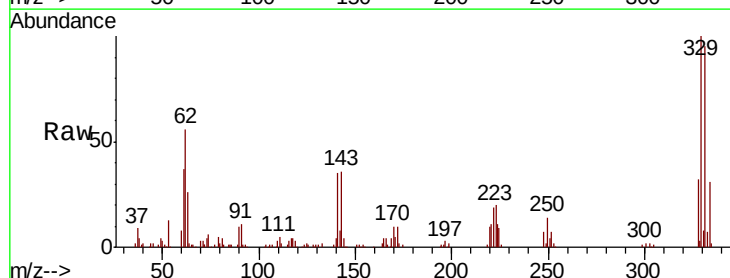


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

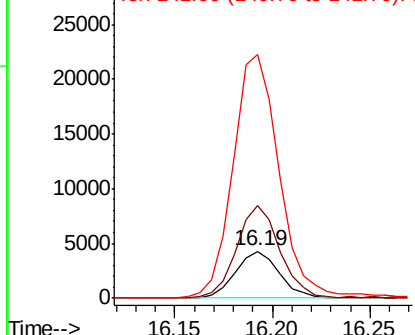
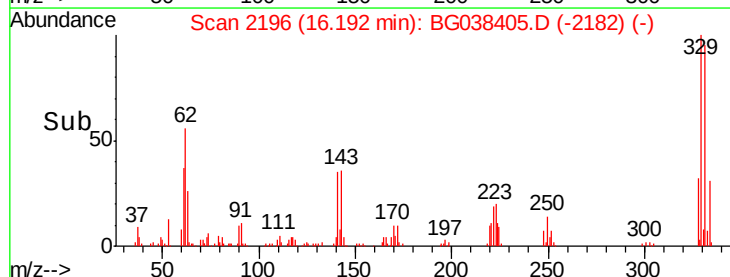


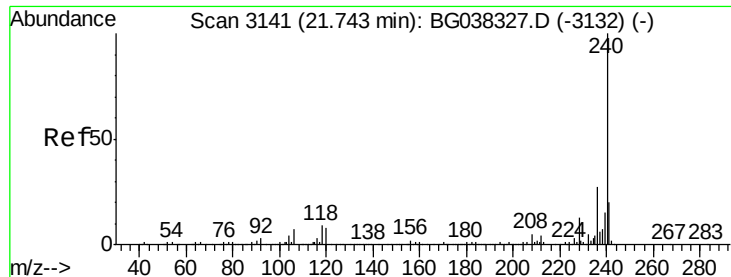
#67
 4-Bromophenyl-phenylether
 Concen: 3.141 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. -0.44 min
 Lab File: BG038405.D
 Acq: 7 Dec 2018 16:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.5	77.0	115.6#
141	385.2	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

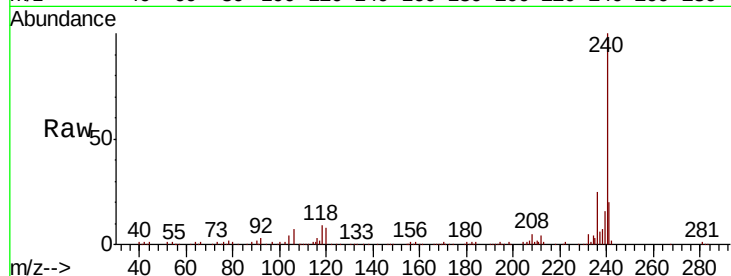




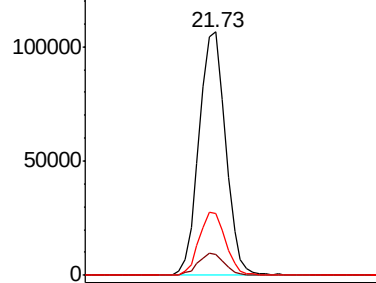
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

Instrument :
BNA_G
ClientSampleId :
120518-DBRI-F-D-S

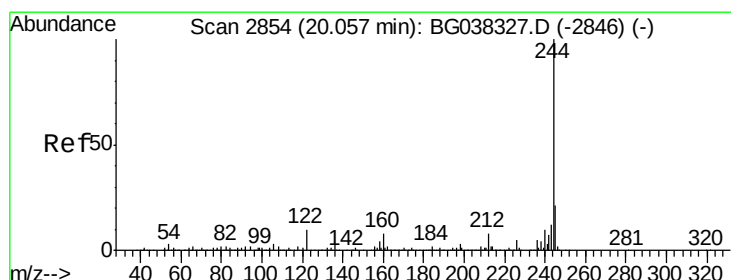
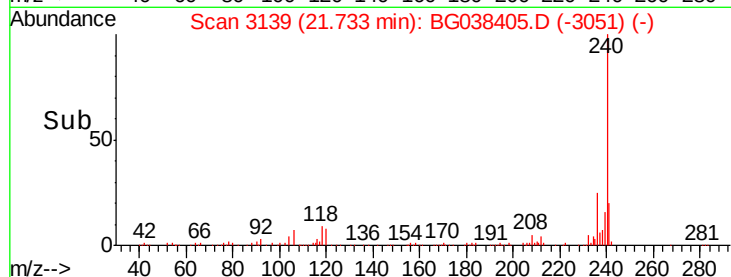
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.1	12.1
236	25.2	21.4	32.0



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

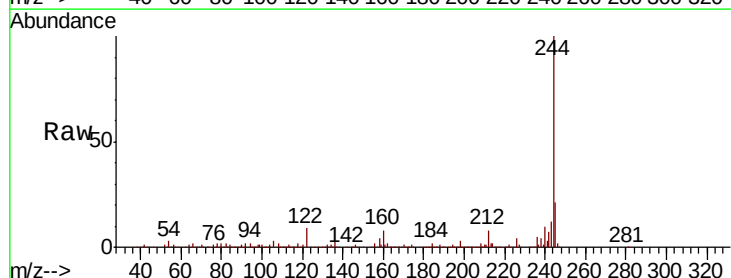


Time-->

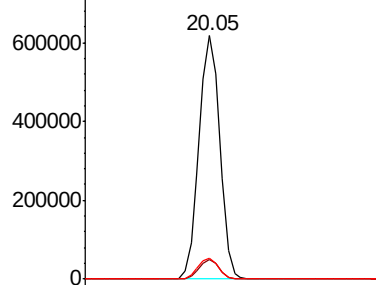


#79
Terphenyl-d14
Concen: 96.963 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

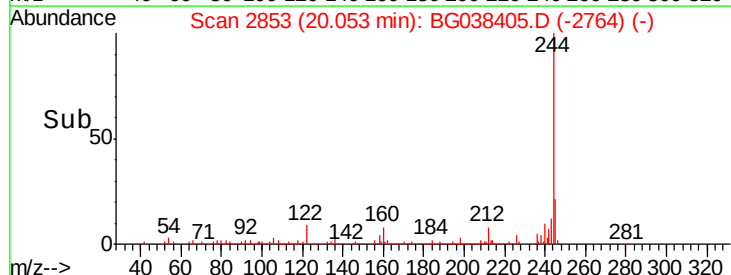
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	8.8	9.0	13.4#

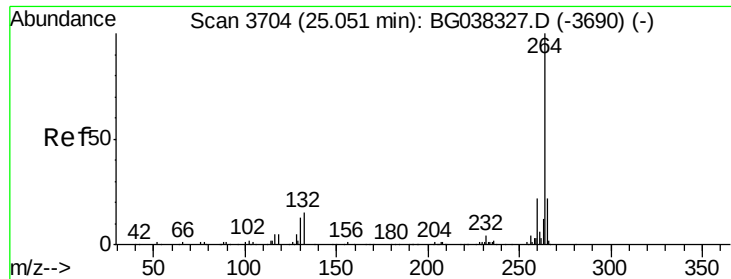


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG038405.D
Acq: 7 Dec 2018 16:11

Instrument :
BNA_G
ClientSampleId :
120518-DBRI-F-D-S

Tgt Ion: 264 Resp: 190963
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.4
265 20.6 17.9 26.9

