

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038413.D
 Acq On : 7 Dec 2018 21:27
 Operator : JU/SJ
 Sample : J6199-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-120518-B

Quant Time: Dec 07 22:14:13 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

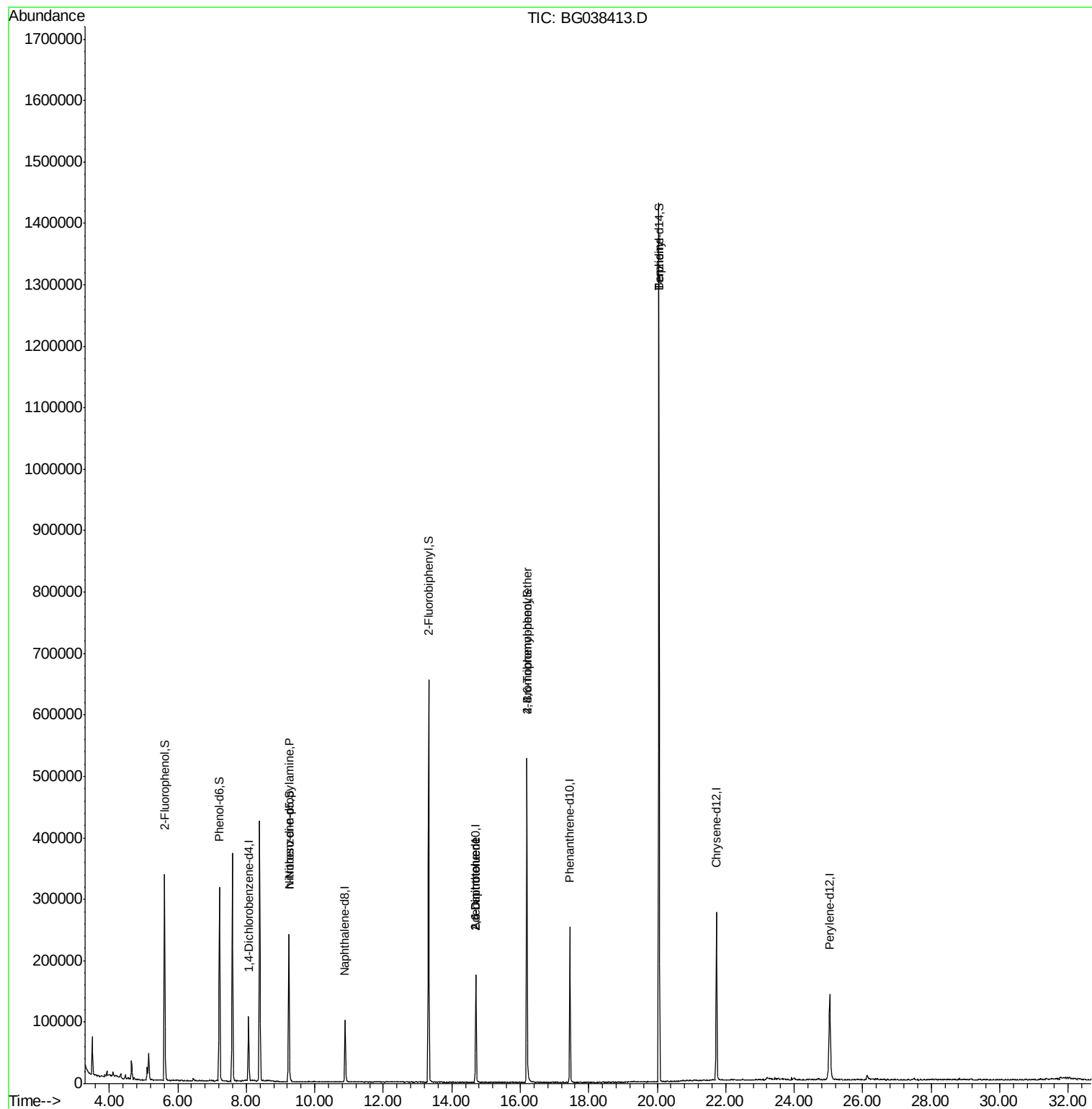
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28172	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	93536	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62460	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	166124	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	170736	20.00	ng	-0.01
87) Perylene-d12	25.03	264	172662	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	146606	92.09	ng	0.00
7) Phenol-d6	7.21	99	191128	83.07	ng	-0.01
23) Nitrobenzene-d5	9.25	82	151139	80.22	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	103686	135.22	ng	-0.01
45) 2-Fluorobiphenyl	13.32	172	352314	80.37	ng	0.00
79) Terphenyl-d14	20.05	244	690451	86.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	19976	10.316	ng	# 79
51) 2,6-Dinitrotoluene	14.70	165	8372	7.316	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	8372	5.304	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	6869	3.829	ng	# 1
77) Benzidine	20.05	184	11908	2.067	ng	# 93

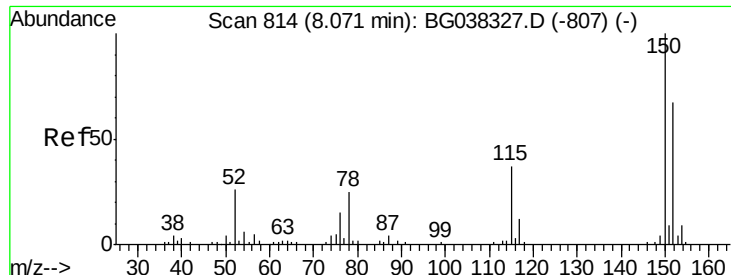
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
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Instrument :
BNA_G
ClientSampleId :
SU-01-120518-B

Quant Time: Dec 07 22:14:13 2018
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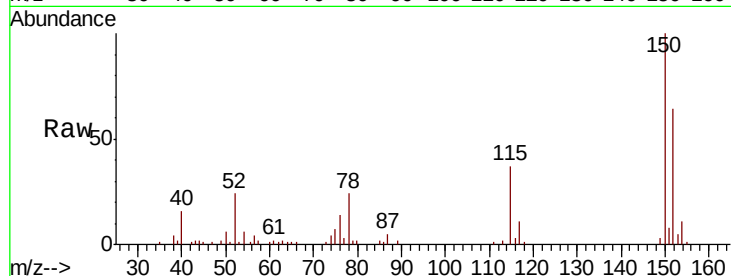


#1

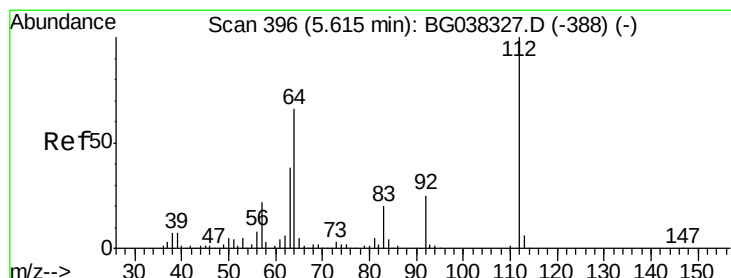
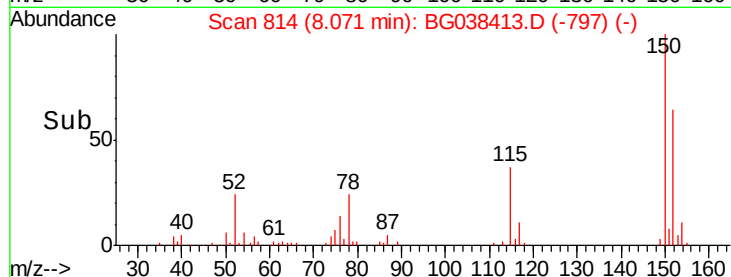
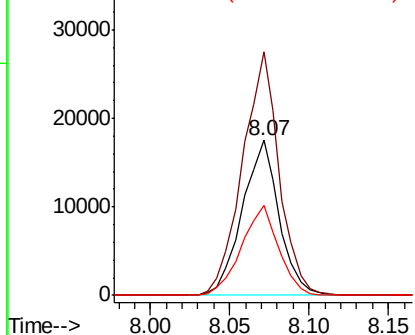
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BG038413.D
 Acq: 7 Dec 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-120518-B

Tgt Ion:152 Resp: 28172
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.0 189.0
 115 58.0 45.5 68.3



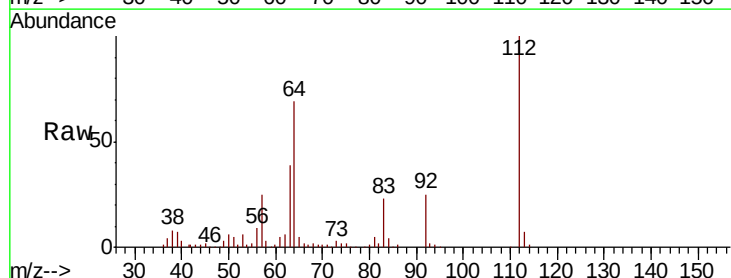
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



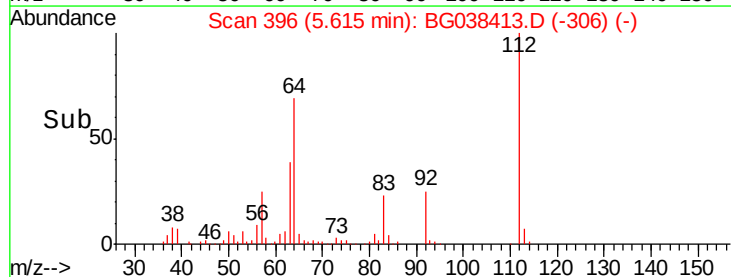
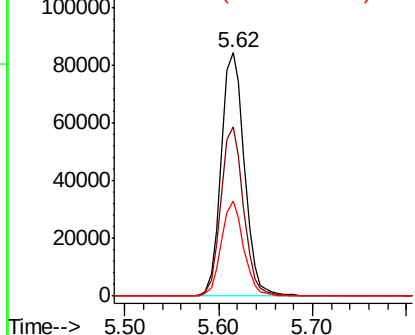
#5

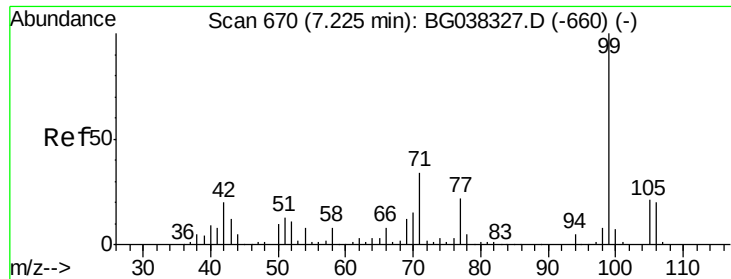
2-Fluorophenol
 Concen: 92.092 ng
 RT: 5.62 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG038413.D
 Acq: 7 Dec 2018 21:27

Tgt Ion:112 Resp: 146606
 Ion Ratio Lower Upper
 112 100
 64 69.4 53.1 79.7
 63 39.2 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: 83.066 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038413.D

Acq: 7 Dec 2018 21:27

Instrument :

BNA_G

ClientSampleId :

SU-01-120518-B

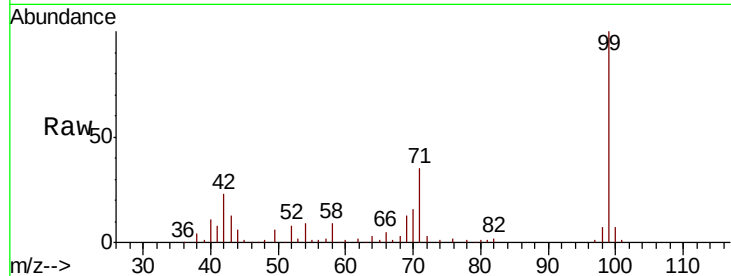
Tgt Ion: 99 Resp: 191128

Ion Ratio Lower Upper

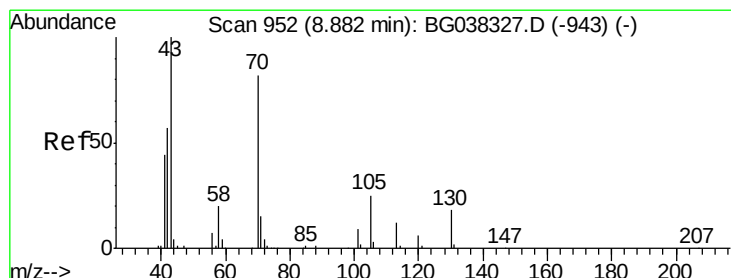
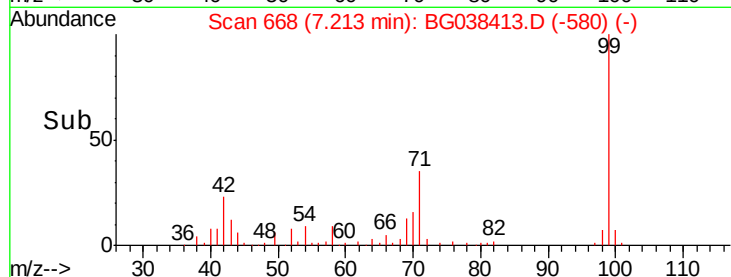
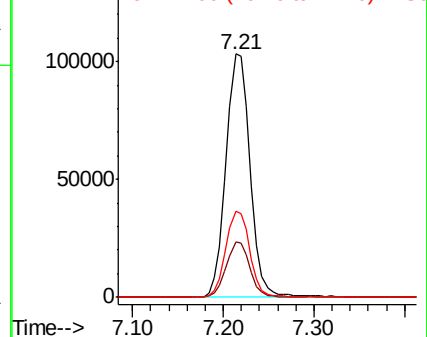
99 100

42 22.9 15.0 22.4#

71 35.3 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: 10.316 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.37 min

Lab File: BG038413.D

Acq: 7 Dec 2018 21:27

Tgt Ion: 70 Resp: 19976

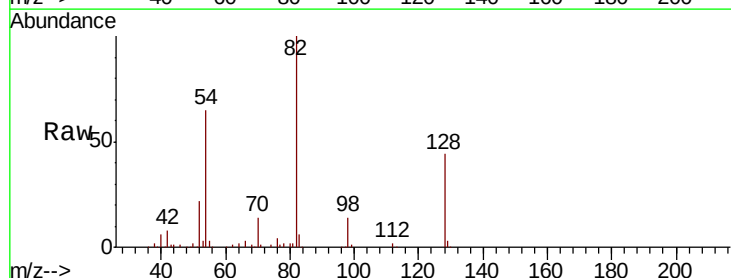
Ion Ratio Lower Upper

70 100

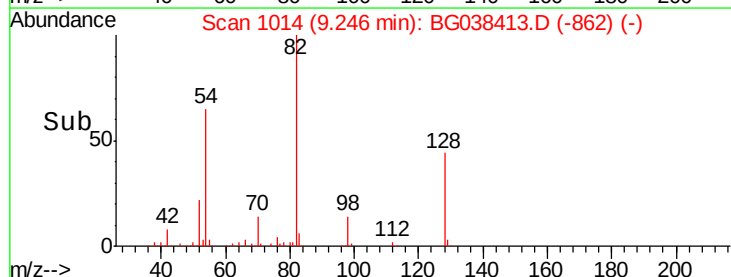
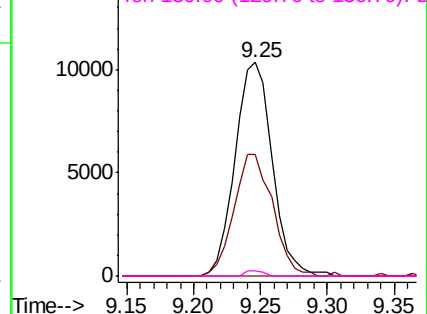
42 57.0 53.9 80.9

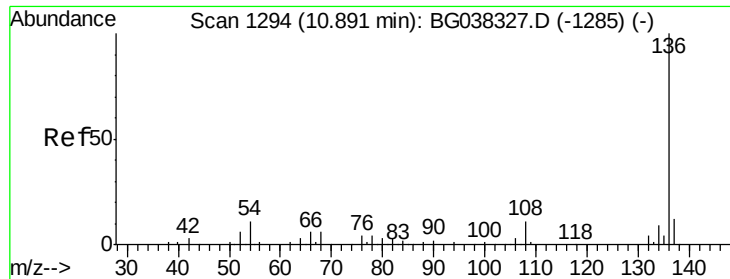
101 0.0 8.2 12.2#

130 2.6 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

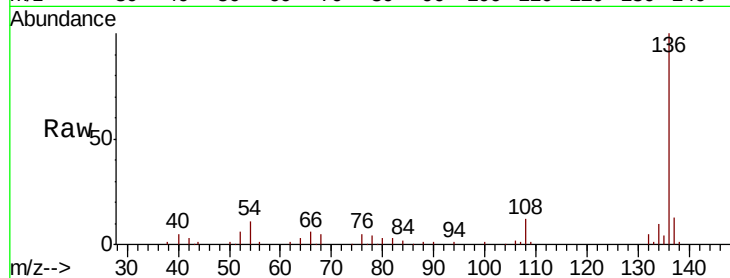




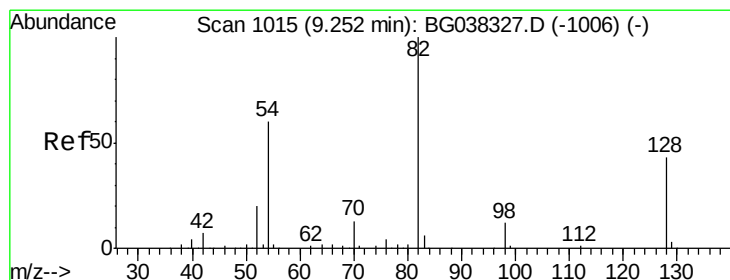
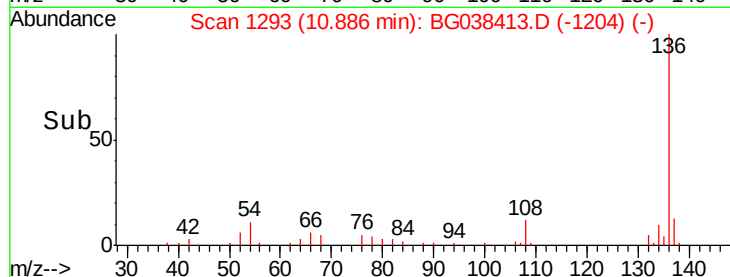
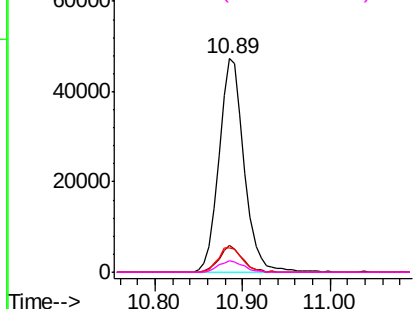
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038413.D
Acq: 7 Dec 2018 21:27

Instrument :
BNA_G
ClientSampleId :
SU-01-120518-B

Tgt Ion:	136	Resp:	93536
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.6	14.4
54	11.1	7.9	11.9
68	5.5	4.8	7.2

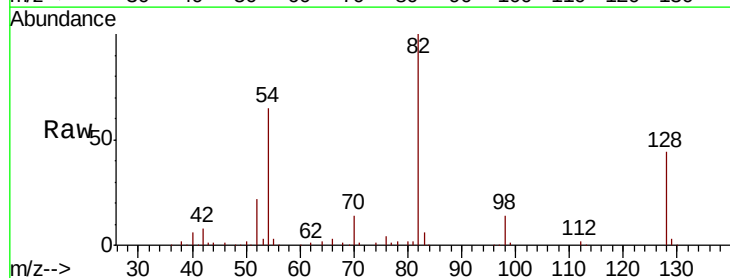


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

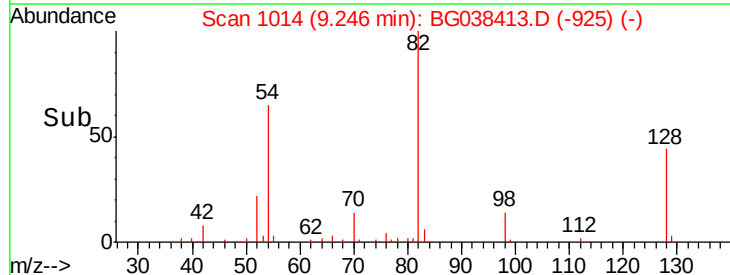
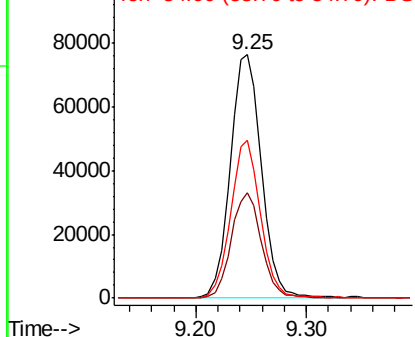


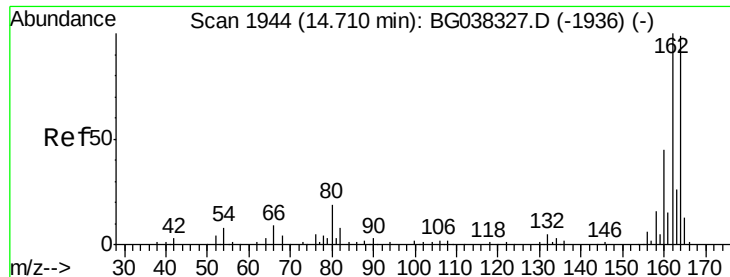
#23
Nitrobenzene-d5
Concen: 80.223 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038413.D
Acq: 7 Dec 2018 21:27

Tgt Ion:	82	Resp:	151139
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	64.8	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038413.D

Acq: 7 Dec 2018 21:27

Instrument :

BNA_G

ClientSampleId :

SU-01-120518-B

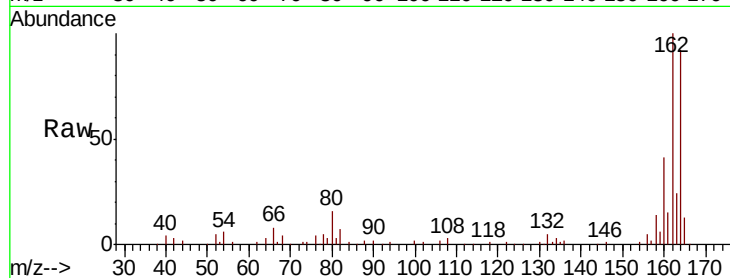
Tgt Ion:164 Resp: 62460

Ion Ratio Lower Upper

164 100

162 109.1 81.3 121.9

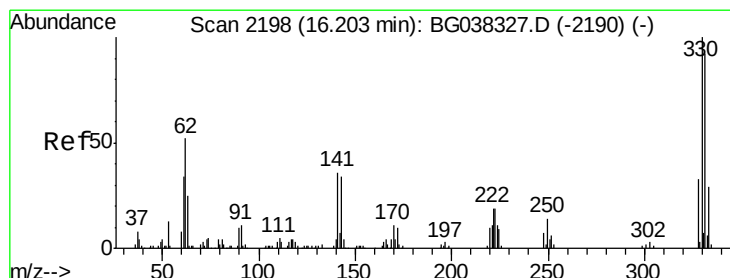
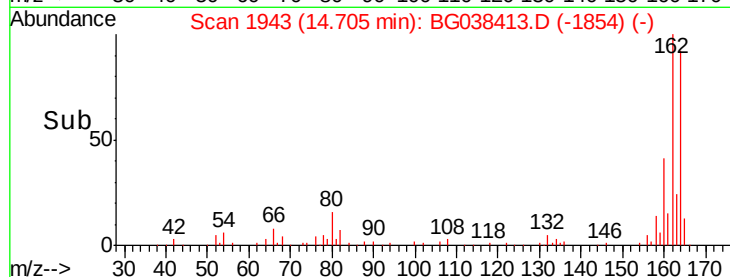
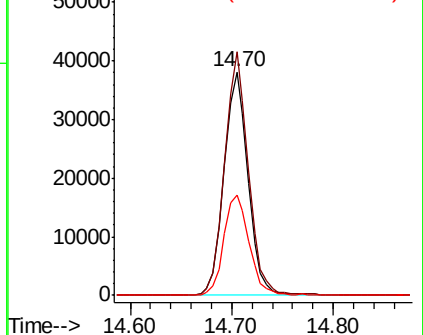
160 45.1 36.3 54.5



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: 135.224 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038413.D

Acq: 7 Dec 2018 21:27

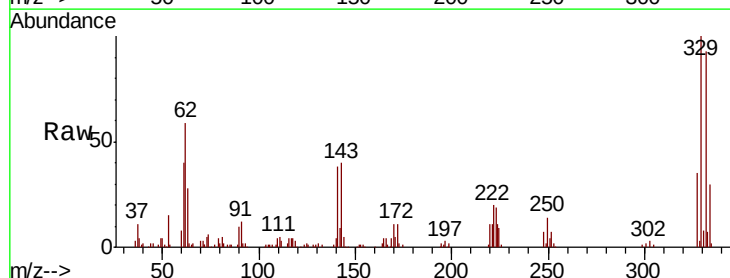
Tgt Ion:330 Resp: 103686

Ion Ratio Lower Upper

330 100

332 93.4 78.4 117.6

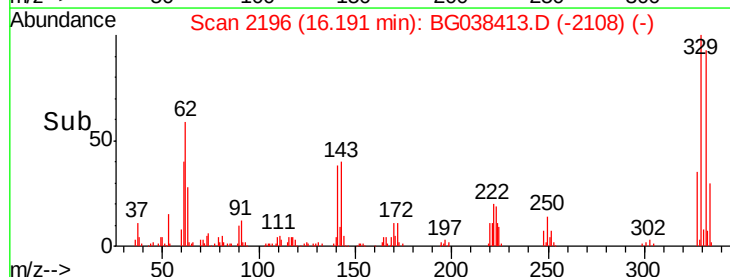
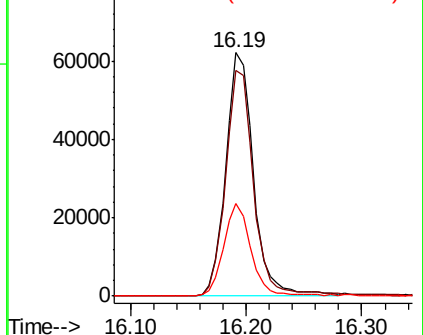
141 37.3 32.2 48.2

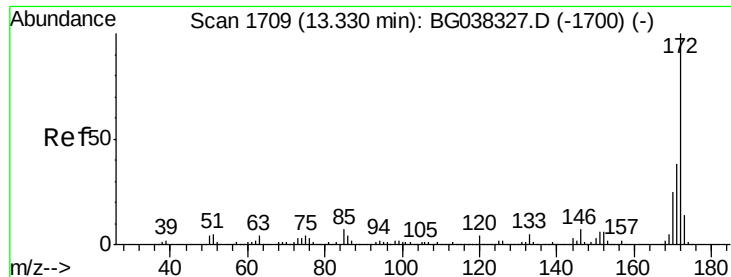


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

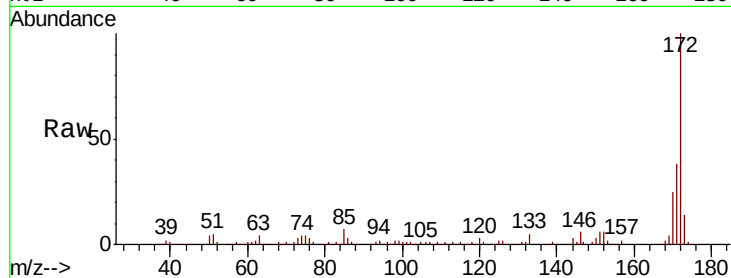




#45
 2-Fluorobiphenyl
 Concen: 80.374 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038413.D
 Acq: 7 Dec 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-120518-B

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.3	20.2	30.2

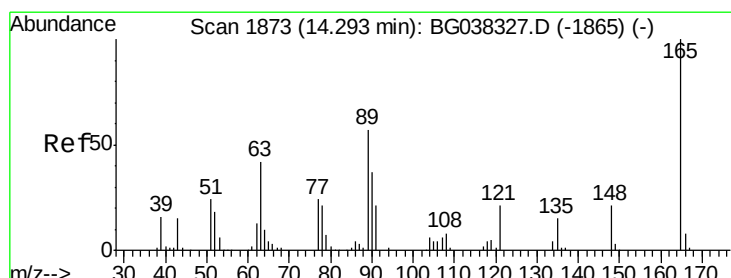
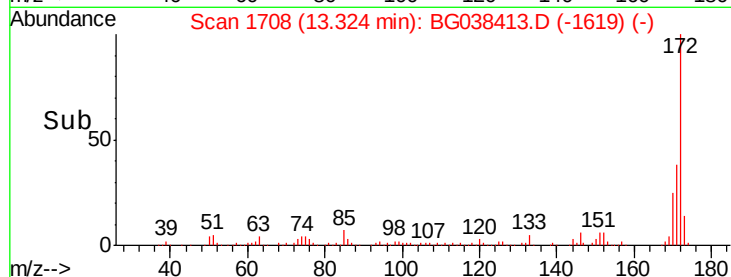
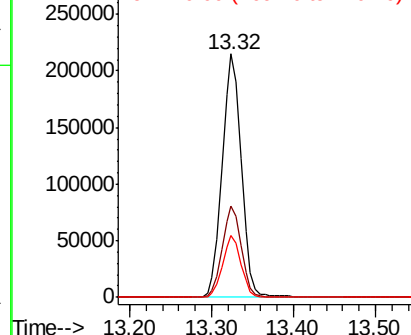


Abundance

Ion 172.00 (171.70 to 172.70): E

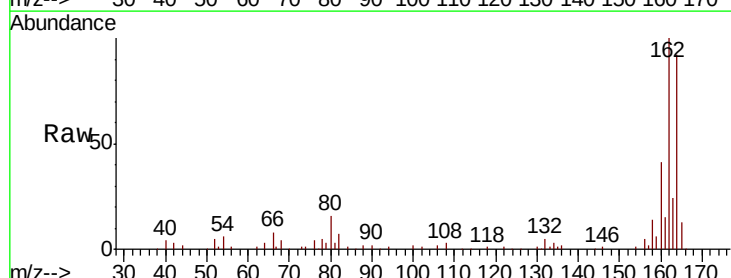
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.316 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038413.D
 Acq: 7 Dec 2018 21:27

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

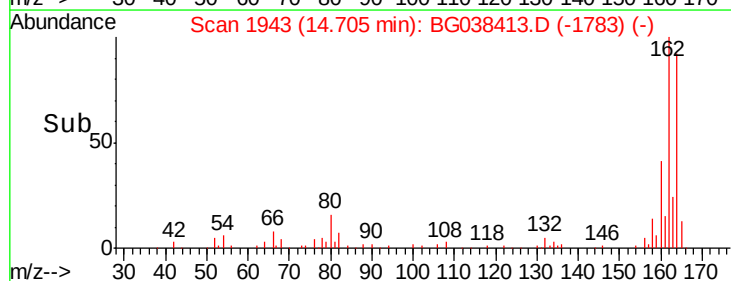
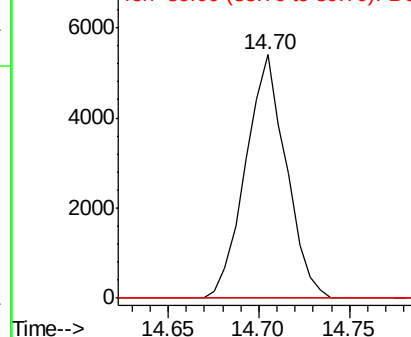


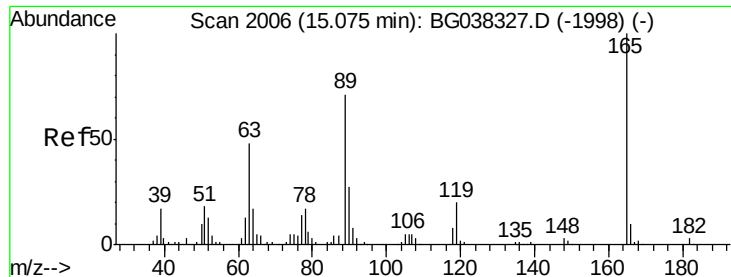
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

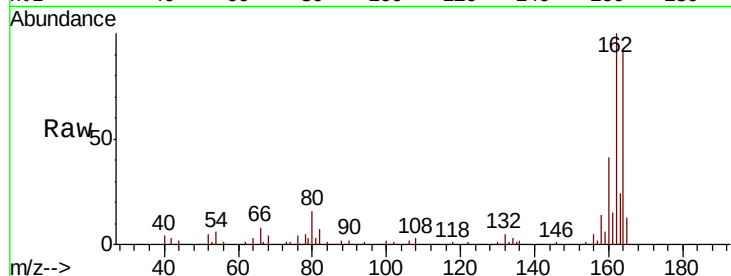




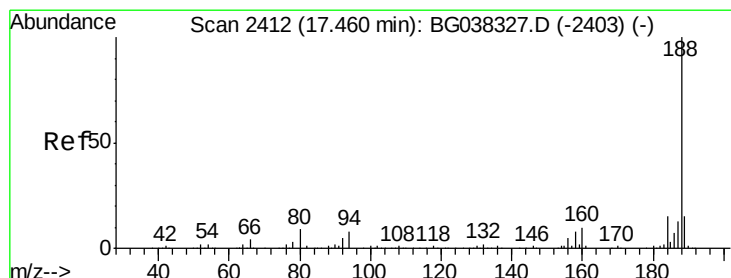
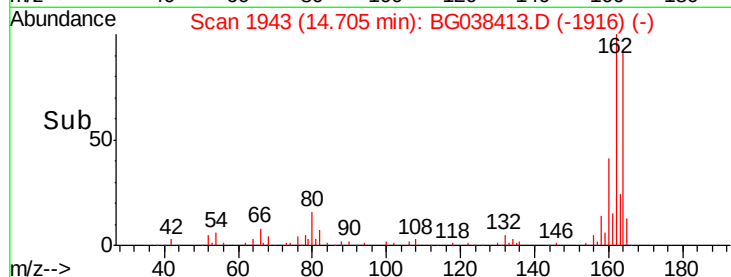
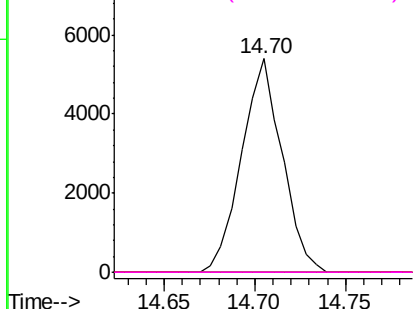
#57
 2,4-Dinitrotoluene
 Concen: 5.304 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038413.D
 Acq: 7 Dec 2018 21:27

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-120518-B

Tgt Ion:165 Resp: 8372
 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#

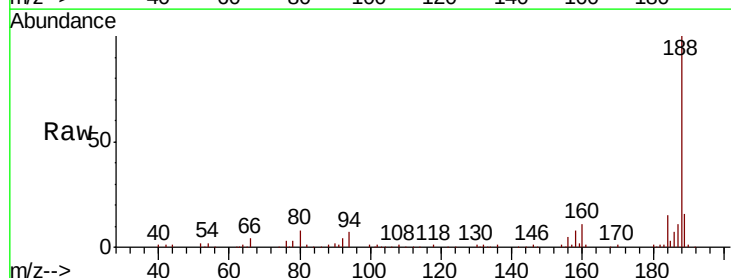


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

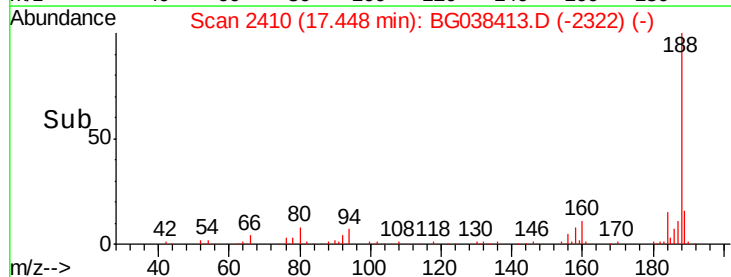
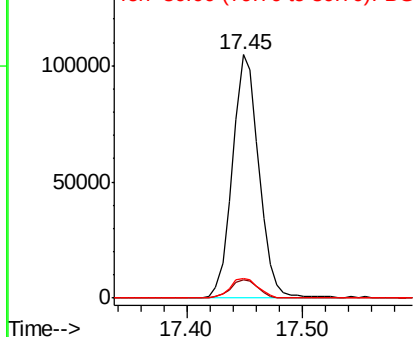


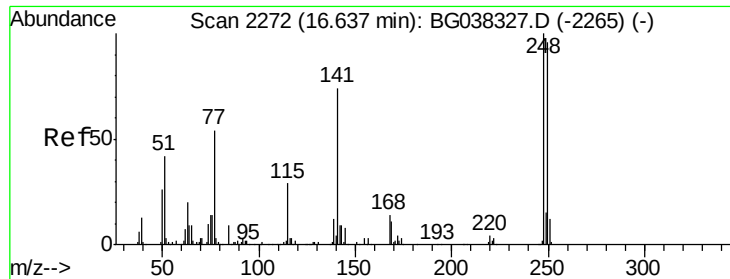
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038413.D
 Acq: 7 Dec 2018 21:27

Tgt Ion:188 Resp: 166124
 Ion Ratio Lower Upper
 188 100
 94 7.4 7.2 10.8
 80 8.1 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

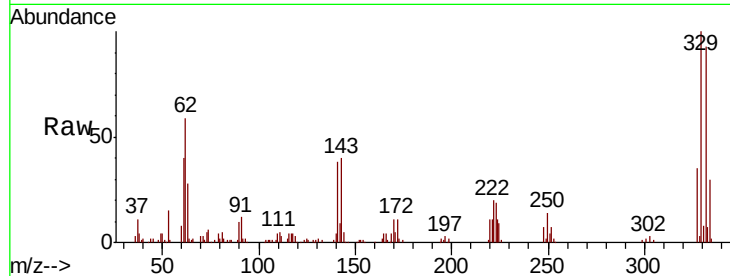




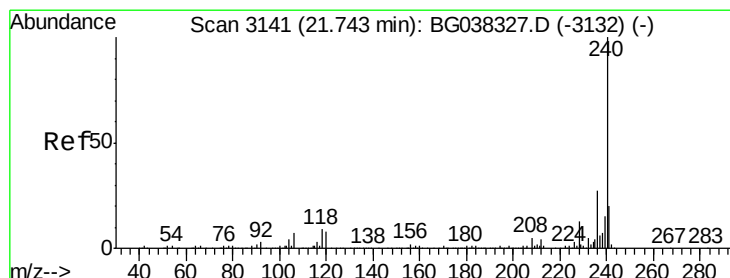
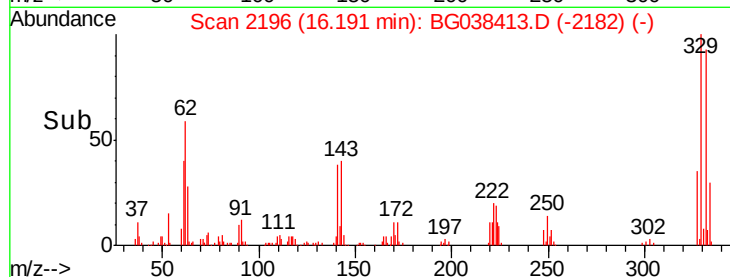
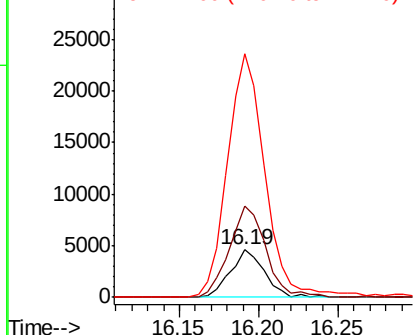
#67
4-Bromophenyl-phenylether
Concen: 3.829 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.45 min
Lab File: BG038413.D
Acq: 7 Dec 2018 21:27

Instrument :
BNA_G
ClientSampleId :
SU-01-120518-B

Tgt Ion:248 Resp: 6869
Ion Ratio Lower Upper
248 100
250 240.8 77.0 115.6#
141 516.2 55.5 83.3#

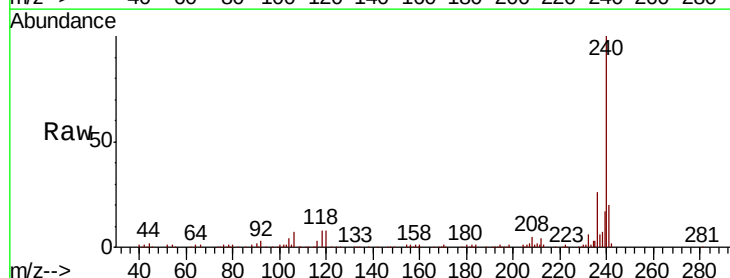


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

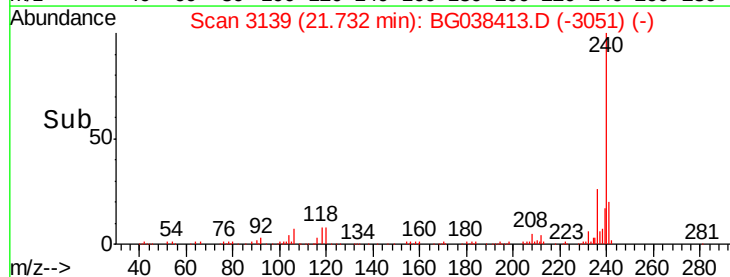
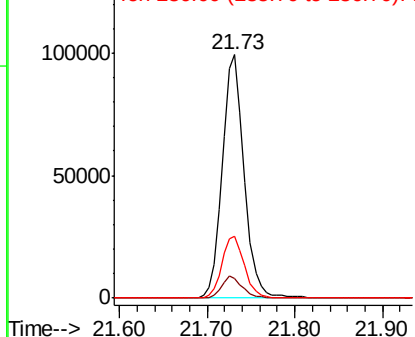


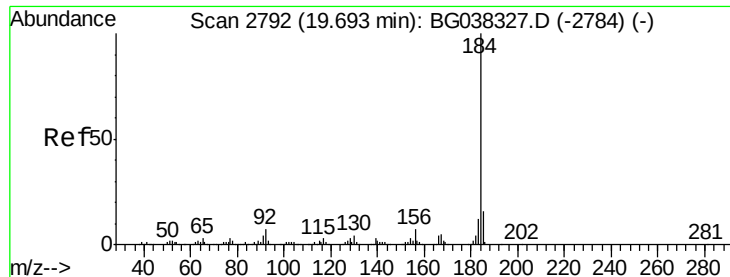
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038413.D
Acq: 7 Dec 2018 21:27

Tgt Ion:240 Resp: 170736
Ion Ratio Lower Upper
240 100
120 8.0 8.1 12.1#
236 25.6 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





#77

Benzidine

Concen: 2.067 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG038413.D

Acq: 7 Dec 2018 21:27

Instrument :

BNA_G

ClientSampleId :

SU-01-120518-B

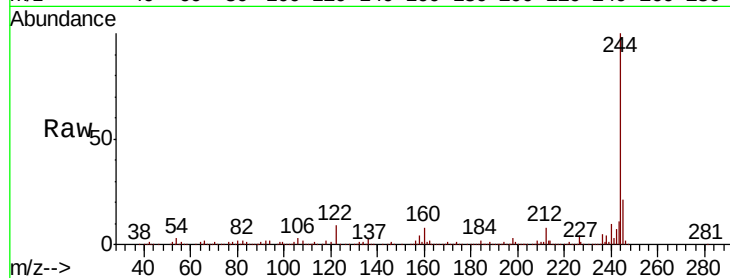
Tgt Ion:184 Resp: 11908

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

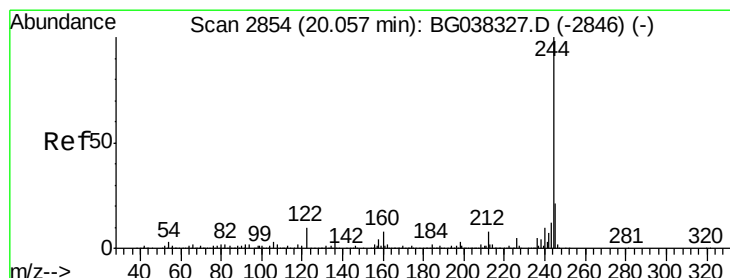
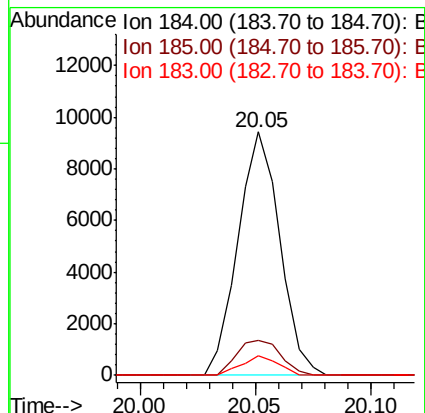
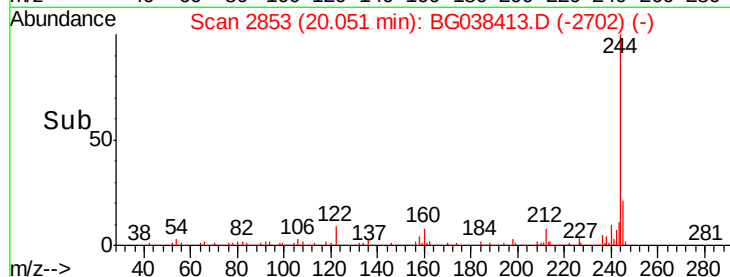
183 8.3 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 86.632 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038413.D

Acq: 7 Dec 2018 21:27

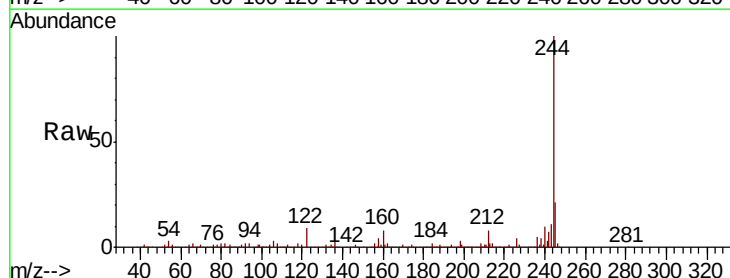
Tgt Ion:244 Resp: 690451

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

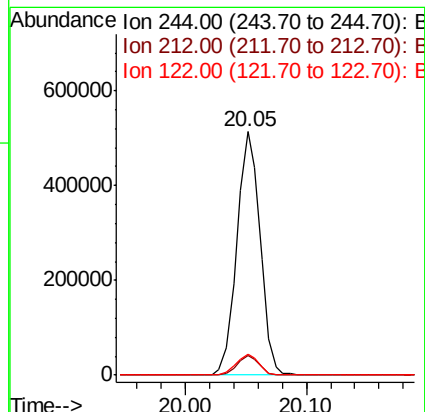
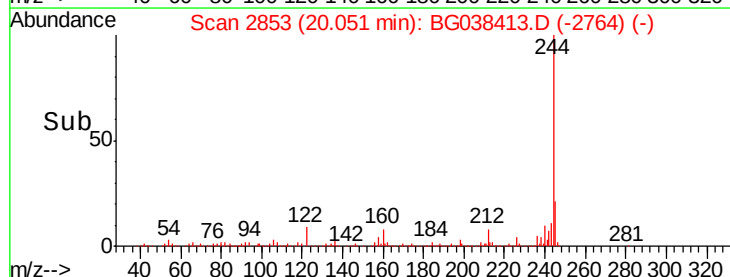
122 8.7 9.0 13.4#

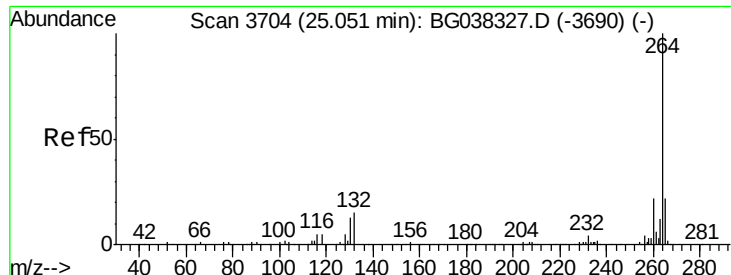


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

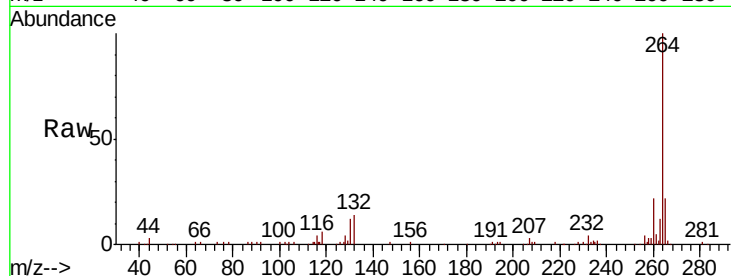




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG038413.D
Acq: 7 Dec 2018 21:27

Instrument :
BNA_G
ClientSampleId :
SU-01-120518-B

Tgt Ion:	264	Resp:	172662
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	22.3	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

