

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120518\
 Data File : BG038372.D
 Acq On : 5 Dec 2018 23:44
 Operator : JU/SJ
 Sample : J6213-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 113018-JETT-E-D-M

Quant Time: Dec 06 04:10:45 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

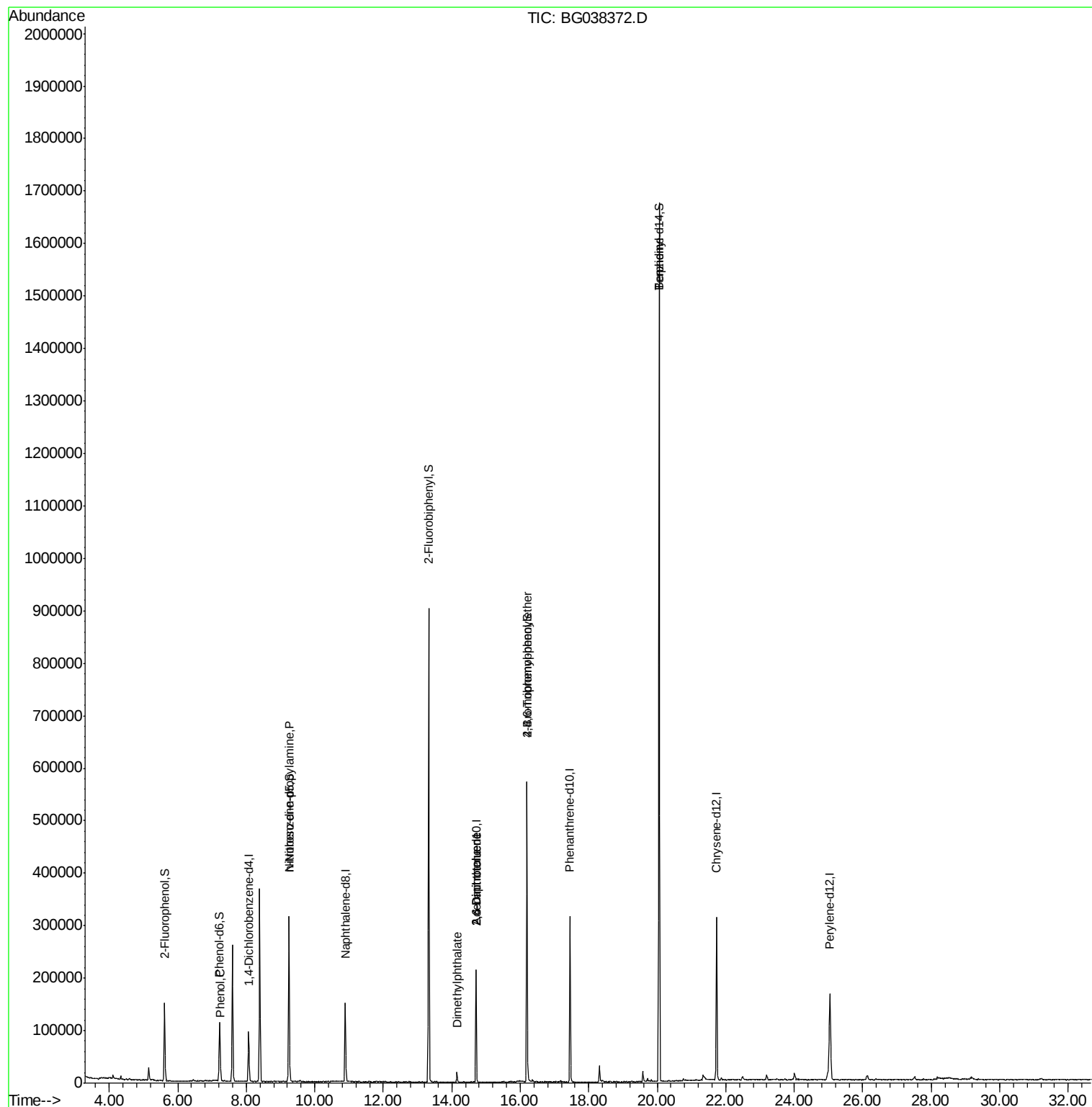
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26521	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	138382	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	78504	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	204407	20.00	ng	0.00
76) Chrysene-d12	21.73	240	190865	20.00	ng	-0.01
87) Perylene-d12	25.04	264	195670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	66003	44.04	ng	0.00
7) Phenol-d6	7.22	99	73332	33.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	195826	70.26	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	100796	104.59	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	477322	86.64	ng	0.00
79) Terphenyl-d14	20.06	244	780630	87.62	ng	0.00
Target Compounds						
10) Phenol	7.25	94	14567	6.365	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	9.24	70	25554	14.816	ng	# 75
50) Dimethylphthalate	14.16	163	16217	2.575	ng	96
51) 2,6-Dinitrotoluene	14.71	165	9676	6.727	ng	# 26
57) 2,4-Dinitrotoluene	14.71	165	9676	4.877	ng	# 26
67) 4-Bromophenyl-phenylether	16.20	248	7166	3.246	ng	# 1
77) Benzidine	20.06	184	13679	2.124	ng	# 96

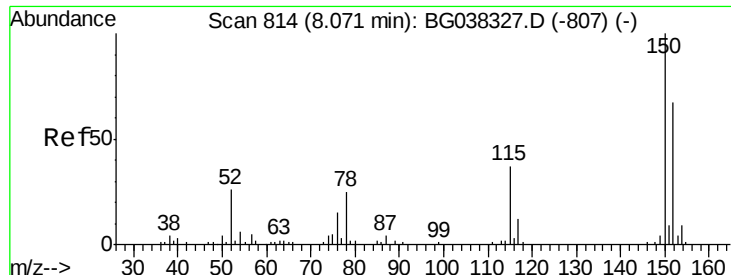
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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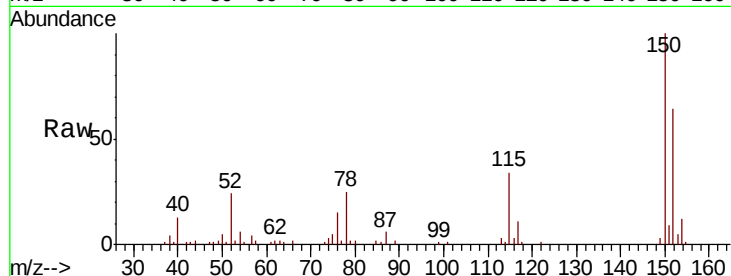


#1

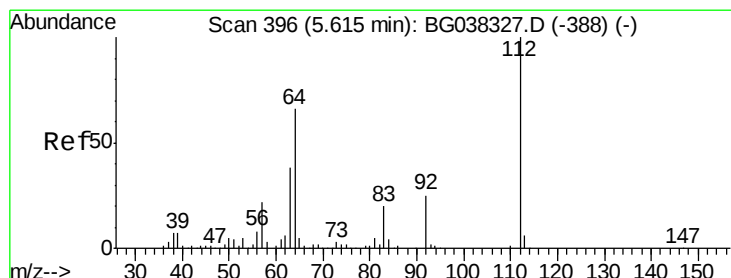
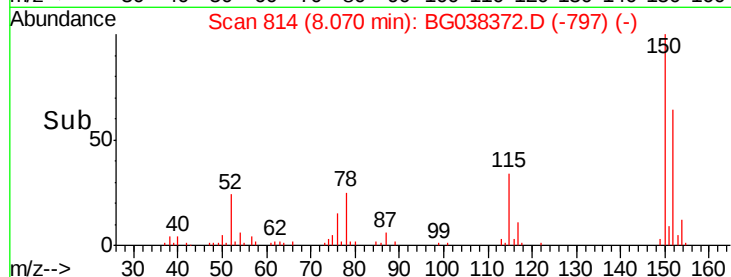
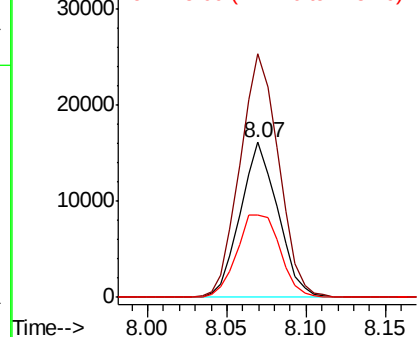
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038372.D
Acq: 5 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-M

Tgt Ion:152 Resp: 26521
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 52.6 45.5 68.3



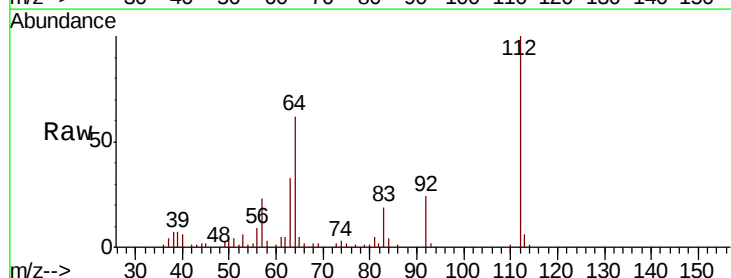
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



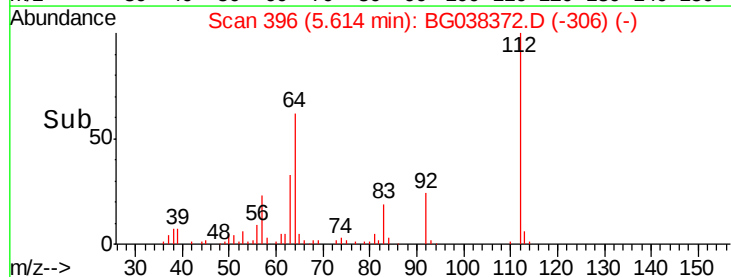
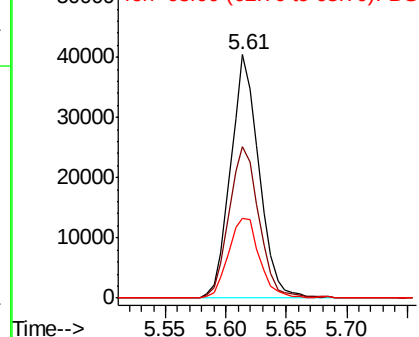
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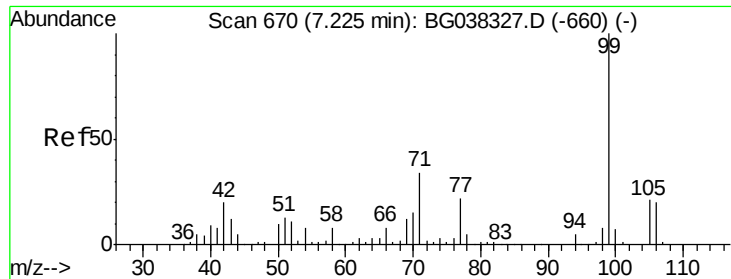
2-Fluorophenol
Concen: 44.041 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038372.D
Acq: 5 Dec 2018 23:44

Tgt Ion:112 Resp: 66003
Ion Ratio Lower Upper
112 100
64 62.0 53.1 79.7
63 32.9 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: 33.855 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038372.D

Acq: 5 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-M

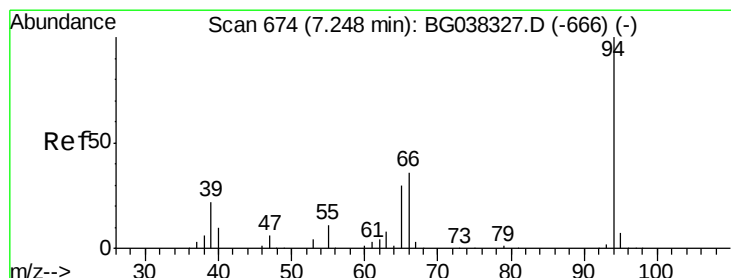
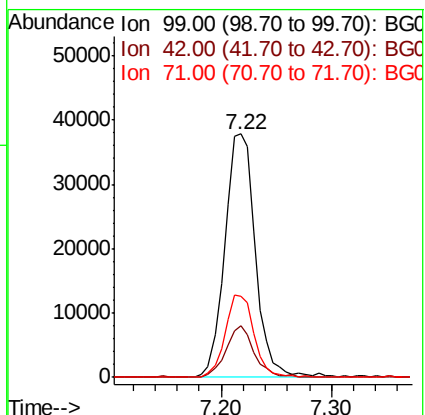
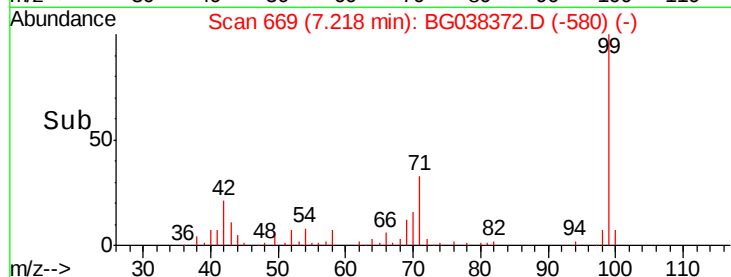
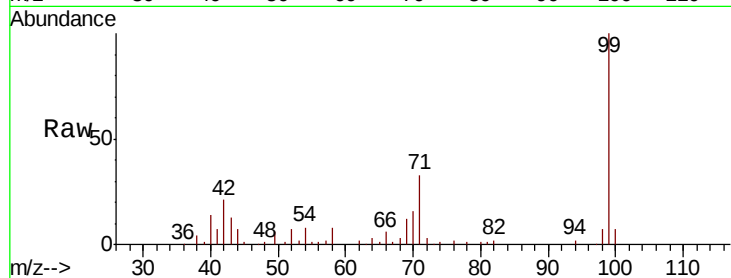
Tgt Ion: 99 Resp: 73332

Ion Ratio Lower Upper

99 100

42 21.3 15.0 22.4

71 33.5 25.5 38.3



#10

Phenol

Concen: 6.365 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038372.D

Acq: 5 Dec 2018 23:44

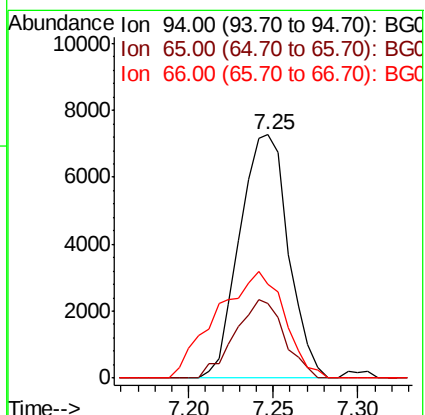
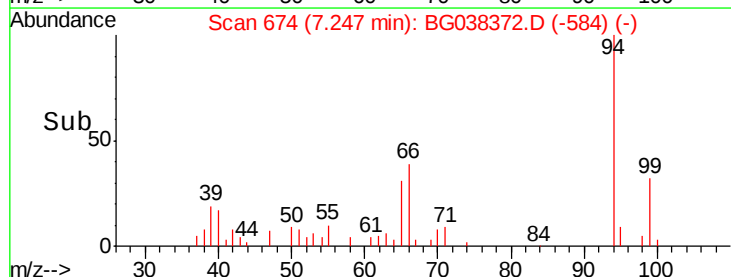
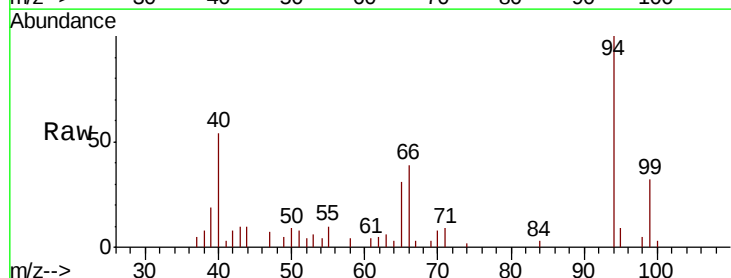
Tgt Ion: 94 Resp: 14567

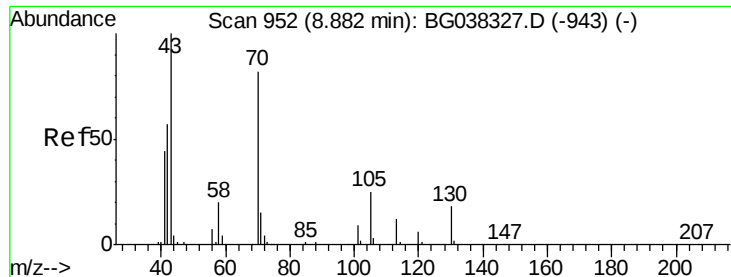
Ion Ratio Lower Upper

94 100

65 30.9 9.7 49.7

66 38.5 15.9 55.9

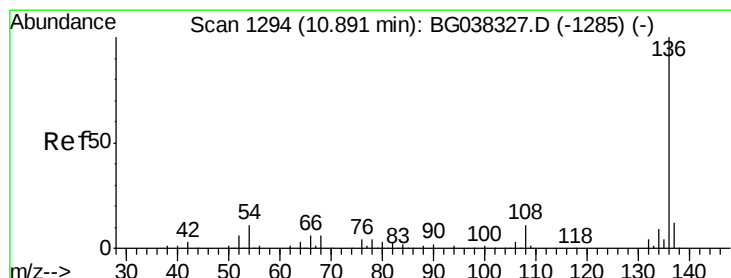
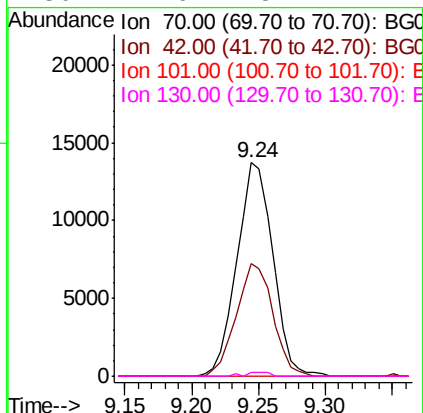
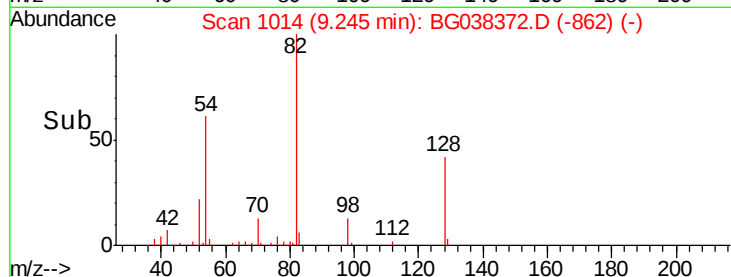
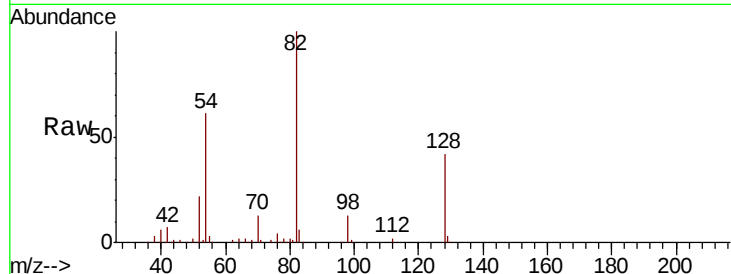




#19
n-Nitroso-di-n-propylamine
Concen: 14.816 ng
RT: 9.24 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038372.D
Acq: 5 Dec 2018 23:44

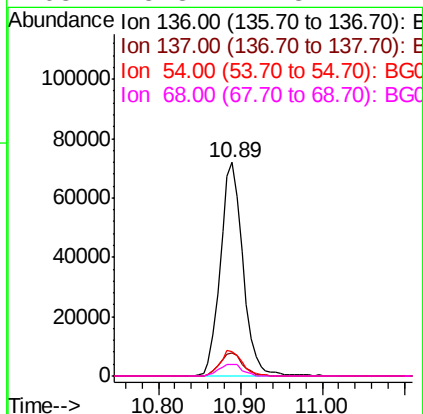
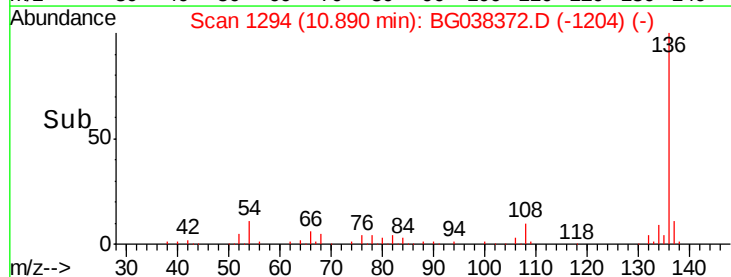
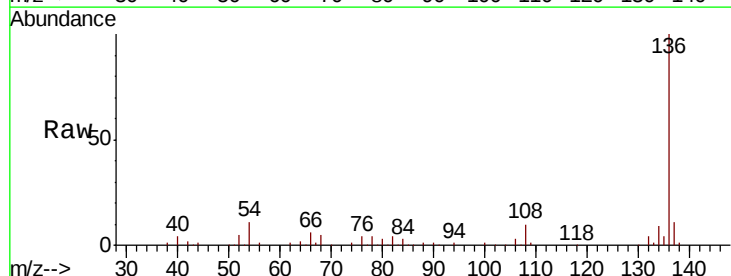
Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-M

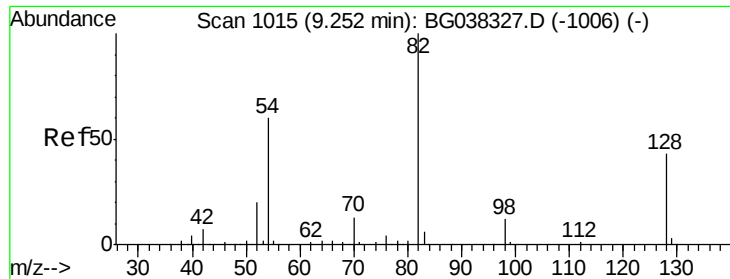
Tgt Ion: 70 Resp: 25554
Ion Ratio Lower Upper
70 100
42 53.0 53.9 80.9#
101 0.0 8.2 12.2#
130 1.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038372.D
Acq: 5 Dec 2018 23:44

Tgt Ion: 136 Resp: 138382
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 11.2 7.9 11.9
68 5.3 4.8 7.2

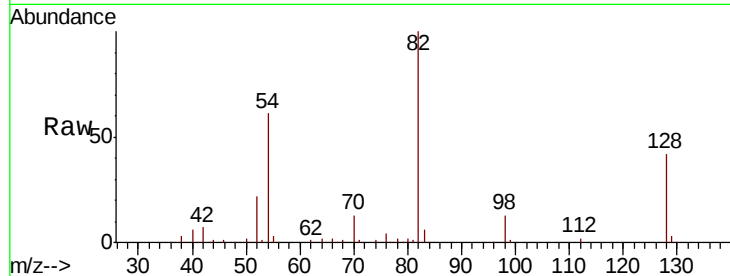




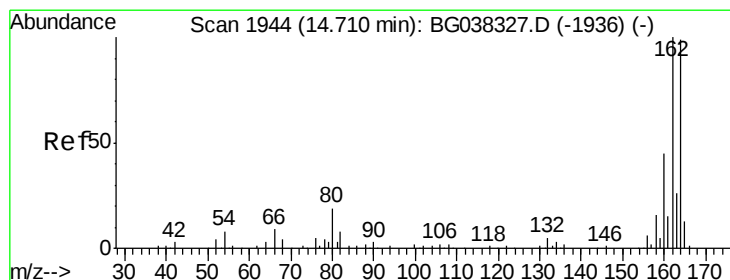
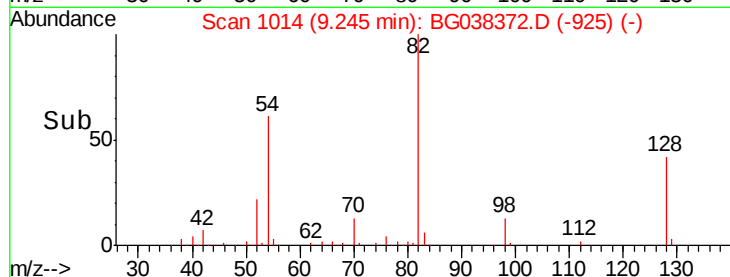
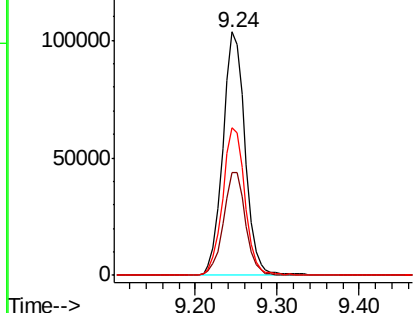
#23
 Nitrobenzene-d5
 Concen: 70.257 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038372.D
 Acq: 5 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 113018-JETT-E-D-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	60.8	45.3	67.9

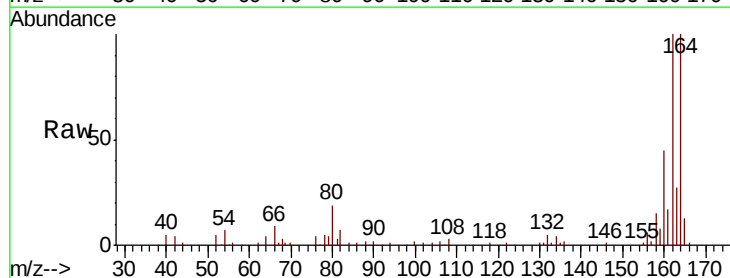


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

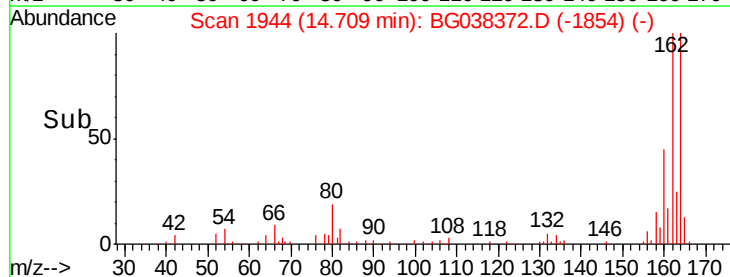
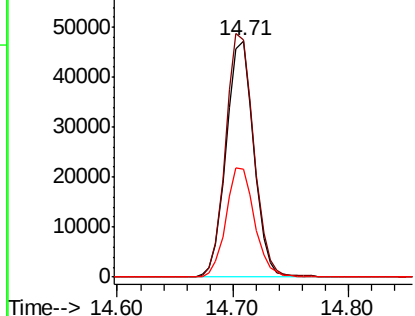


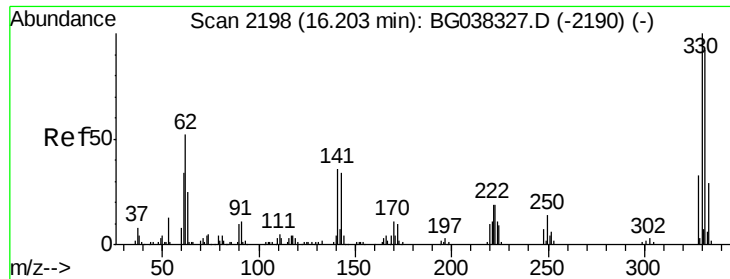
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG038372.D
 Acq: 5 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.3	121.9
160	45.4	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

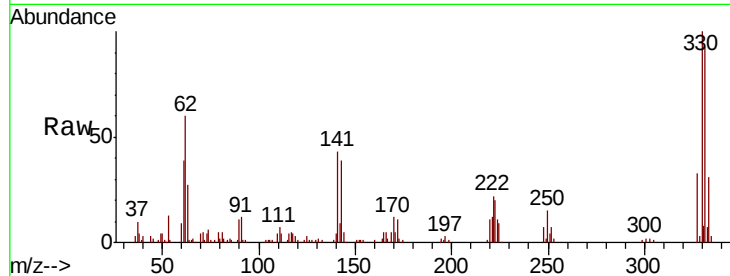




#42
 2,4,6-Tribromophenol
 Concen: 104.589 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038372.D
 Acq: 5 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 113018-JETT-E-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.4	117.6
141	43.1	32.2	48.2

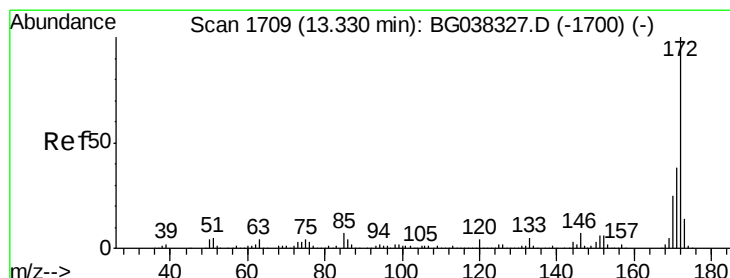
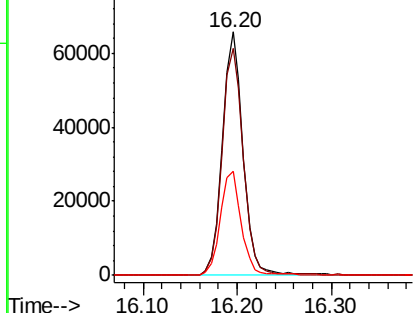
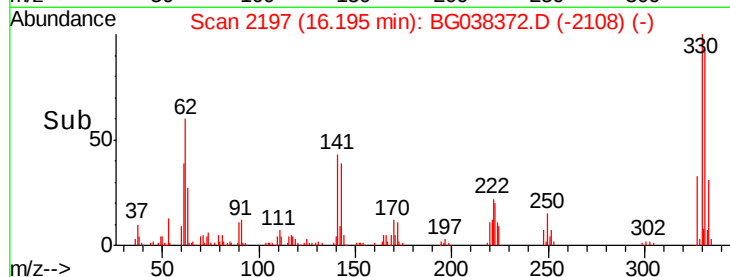


Abundance

Ion 329.80 (329.50 to 330.50): E

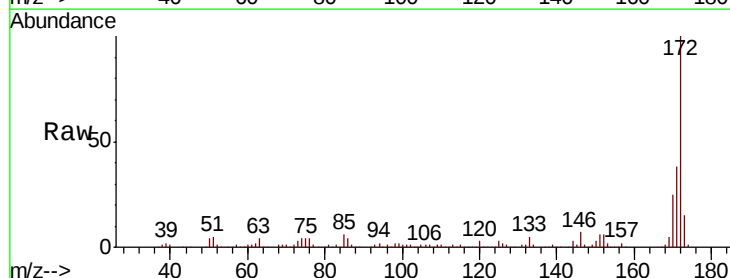
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.638 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038372.D
 Acq: 5 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.0	20.2	30.2

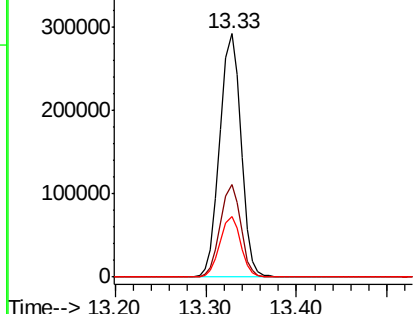
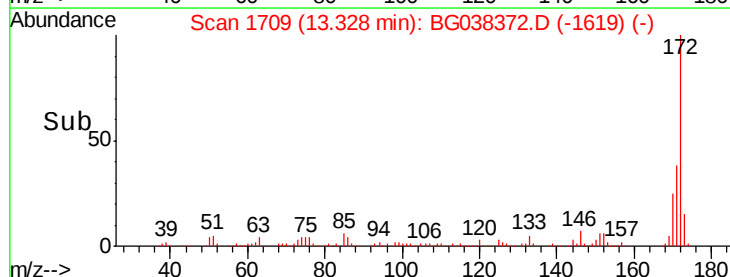


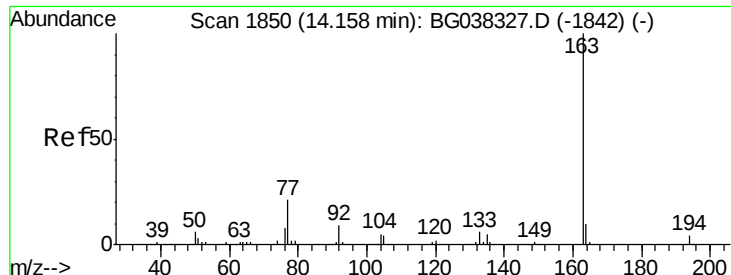
Abundance

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





#50

Dimethylphthalate

Concen: 2.575 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038372.D

Acq: 5 Dec 2018 23:44

Instrument :

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ClientSampleId :

113018-JETT-E-D-M

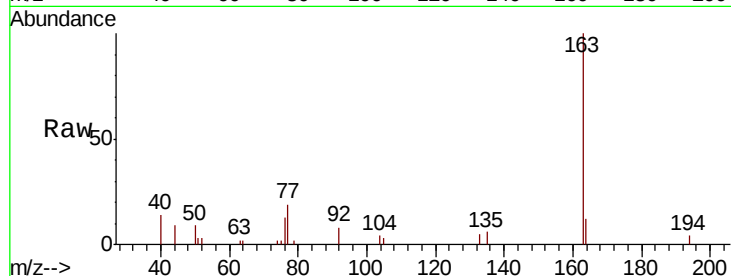
Tgt Ion:163 Resp: 16217

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

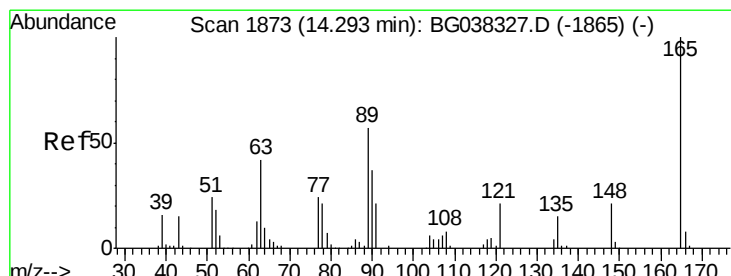
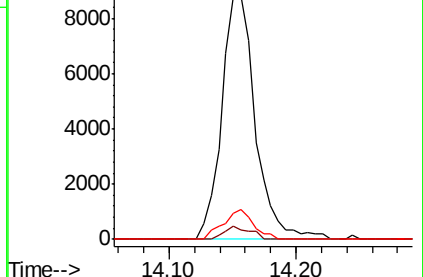
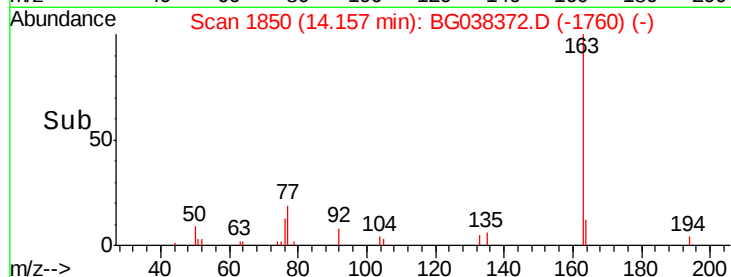
164 12.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 6.727 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.42 min

Lab File: BG038372.D

Acq: 5 Dec 2018 23:44

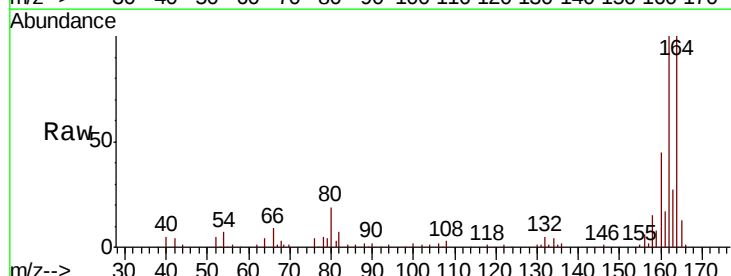
Tgt Ion:165 Resp: 9676

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

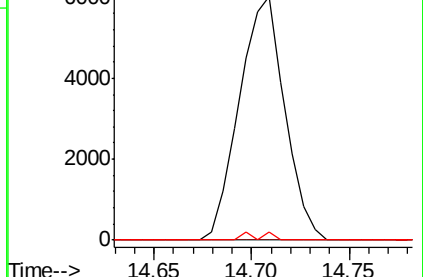
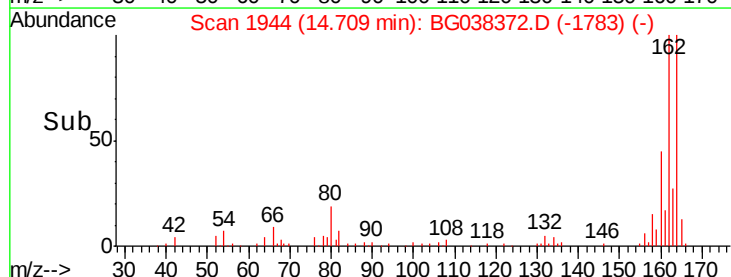
89 3.3 45.8 68.6#

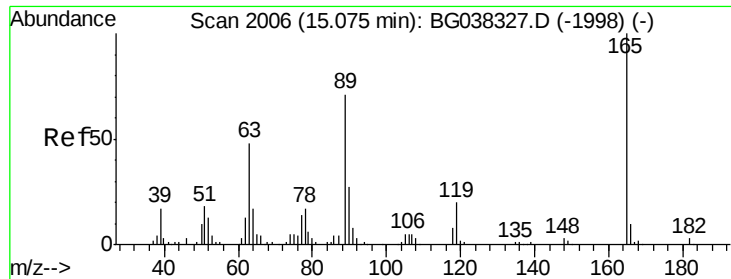


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

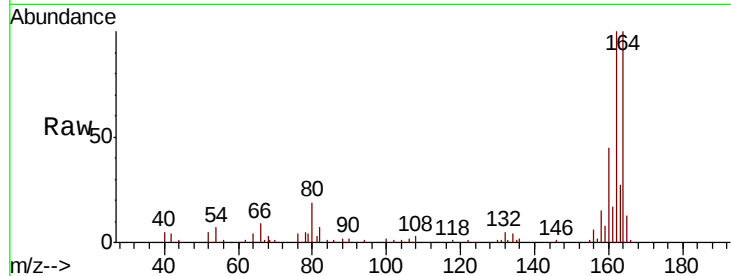




#57
 2,4-Dinitrotoluene
 Concen: 4.877 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.37 min
 Lab File: BG038372.D
 Acq: 5 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 113018-JETT-E-D-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	3.3	57.2	85.8#
182	0.0	2.6	4.0#

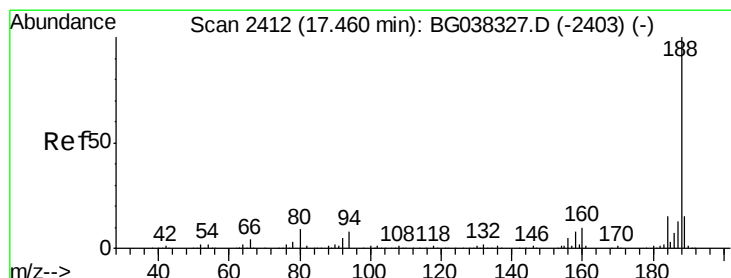
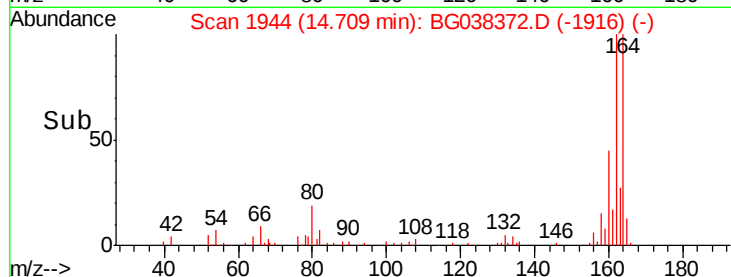
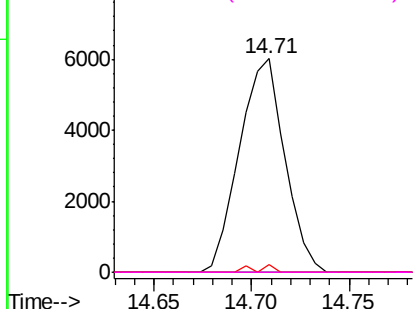


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

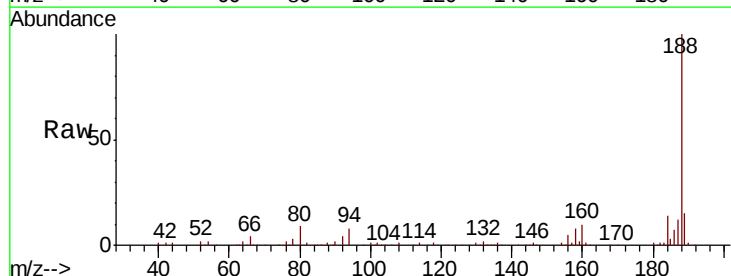
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038372.D
 Acq: 5 Dec 2018 23:44

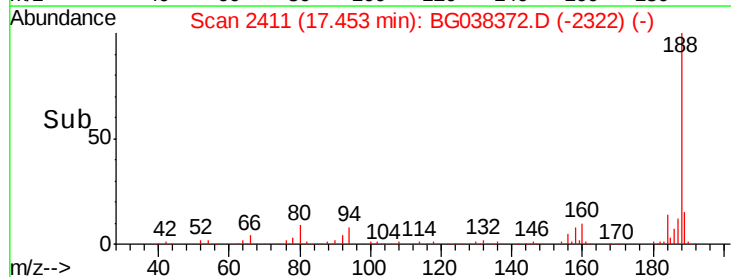
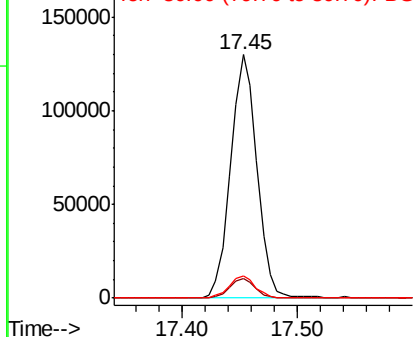
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.4	7.7	11.5

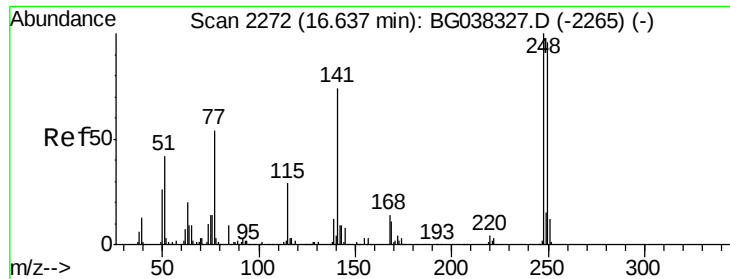


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

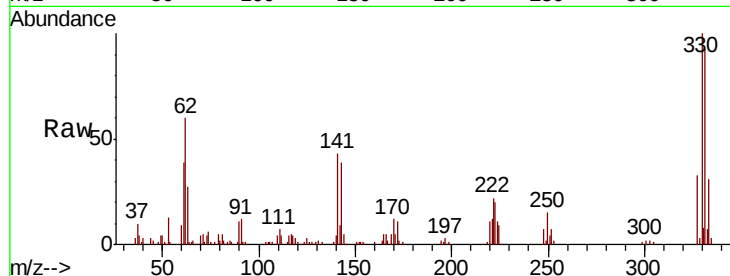




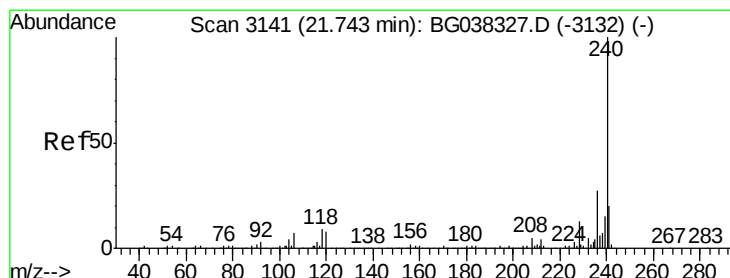
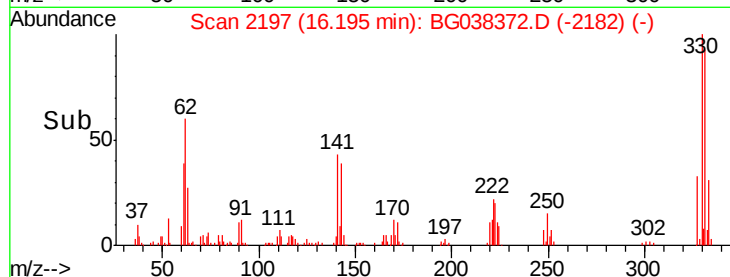
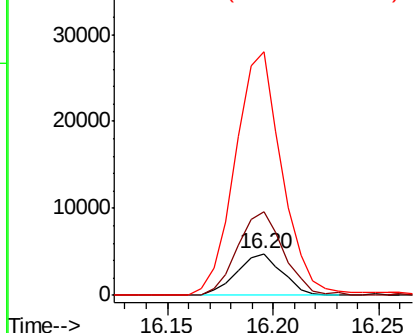
#67
 4-Bromophenyl-phenylether
 Concen: 3.246 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038372.D
 Acq: 5 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 113018-JETT-E-D-M

Tgt Ion:248 Resp: 7166
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.0 115.6#
 141 451.8 55.5 83.3#

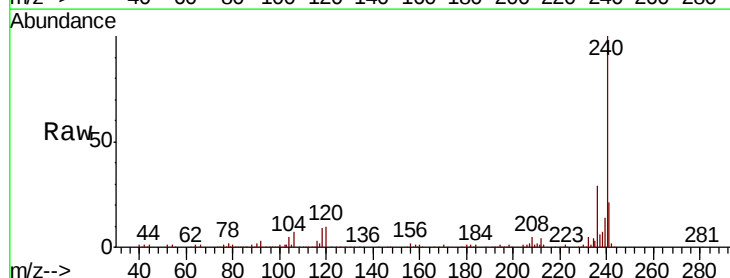


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

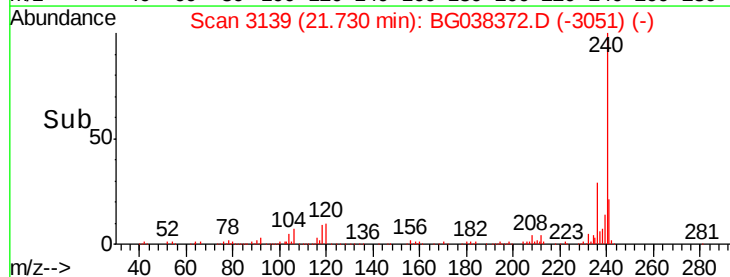
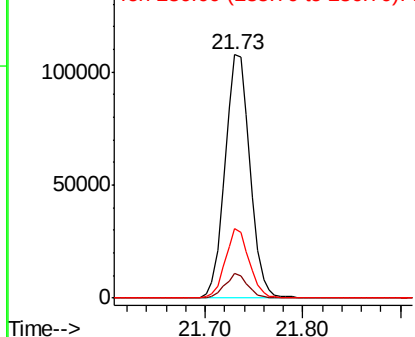


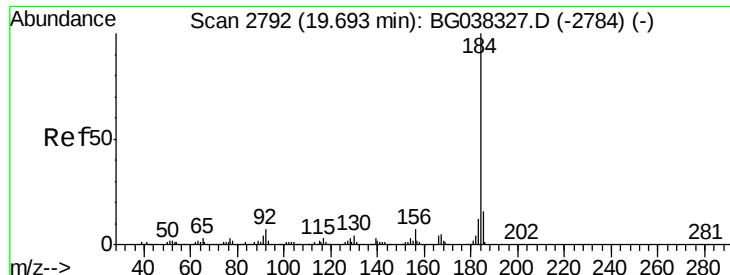
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038372.D
 Acq: 5 Dec 2018 23:44

Tgt Ion:240 Resp: 190865
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.1 12.1
 236 28.5 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: 2.124 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.36 min

Lab File: BG038372.D

Acq: 5 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-M

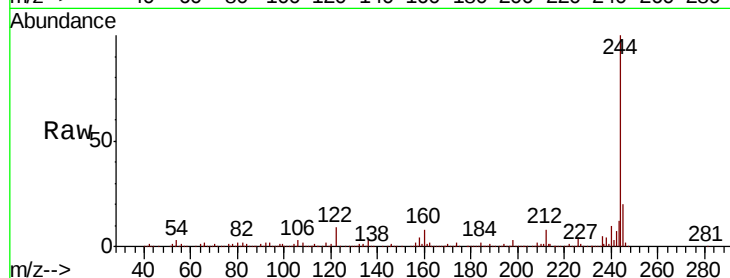
Tgt Ion:184 Resp: 13679

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

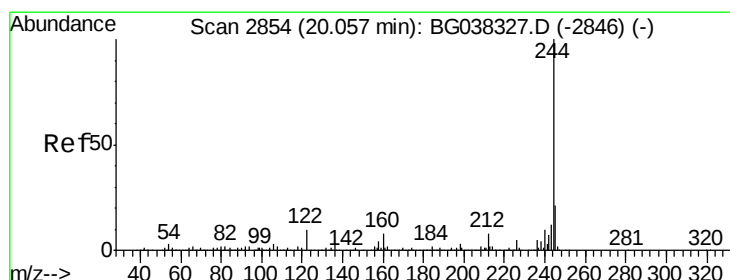
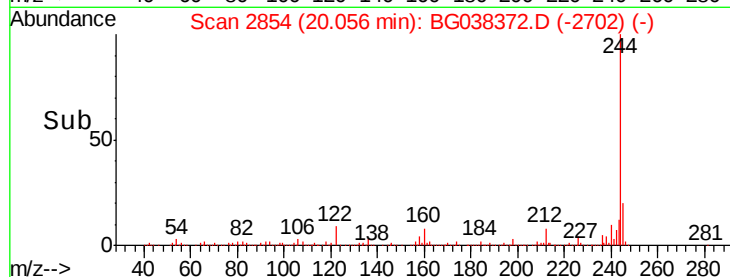
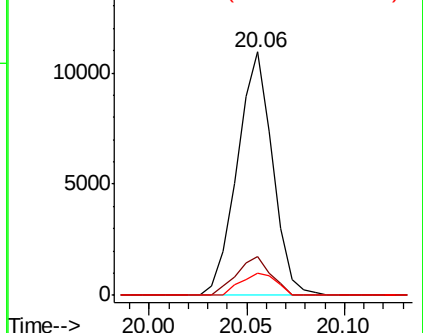
183 9.2 10.2 15.2#



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: 87.617 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038372.D

Acq: 5 Dec 2018 23:44

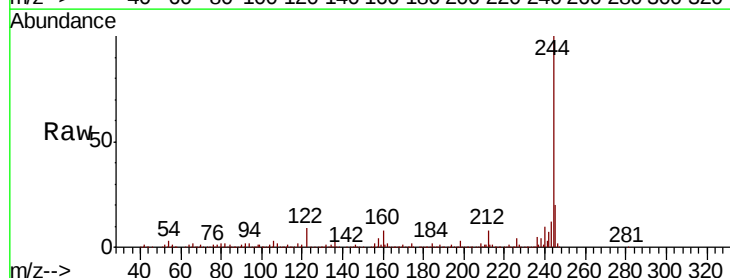
Tgt Ion:244 Resp: 780630

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

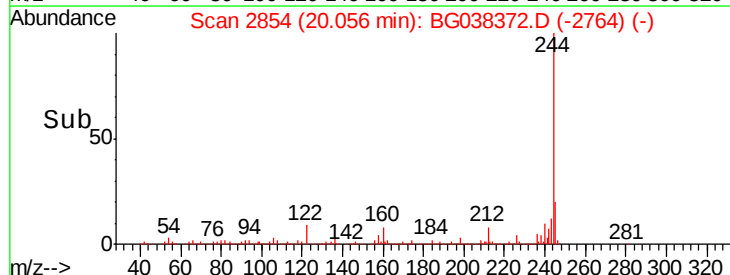
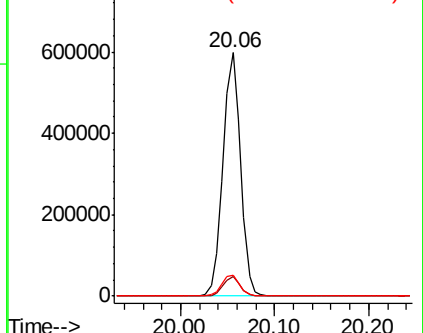
122 8.8 9.0 13.4#

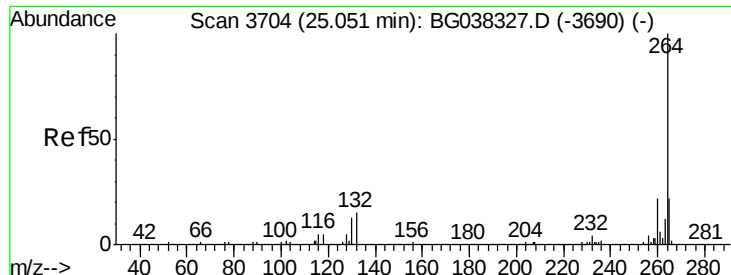


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038372.D
Acq: 5 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-M

Tgt Ion:	264	Resp:	195670
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	22.4	17.9	26.9

