

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120518\
 Data File : BG038371.D
 Acq On : 5 Dec 2018 23:05
 Operator : JU/SJ
 Sample : J6213-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 06 04:10:36 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

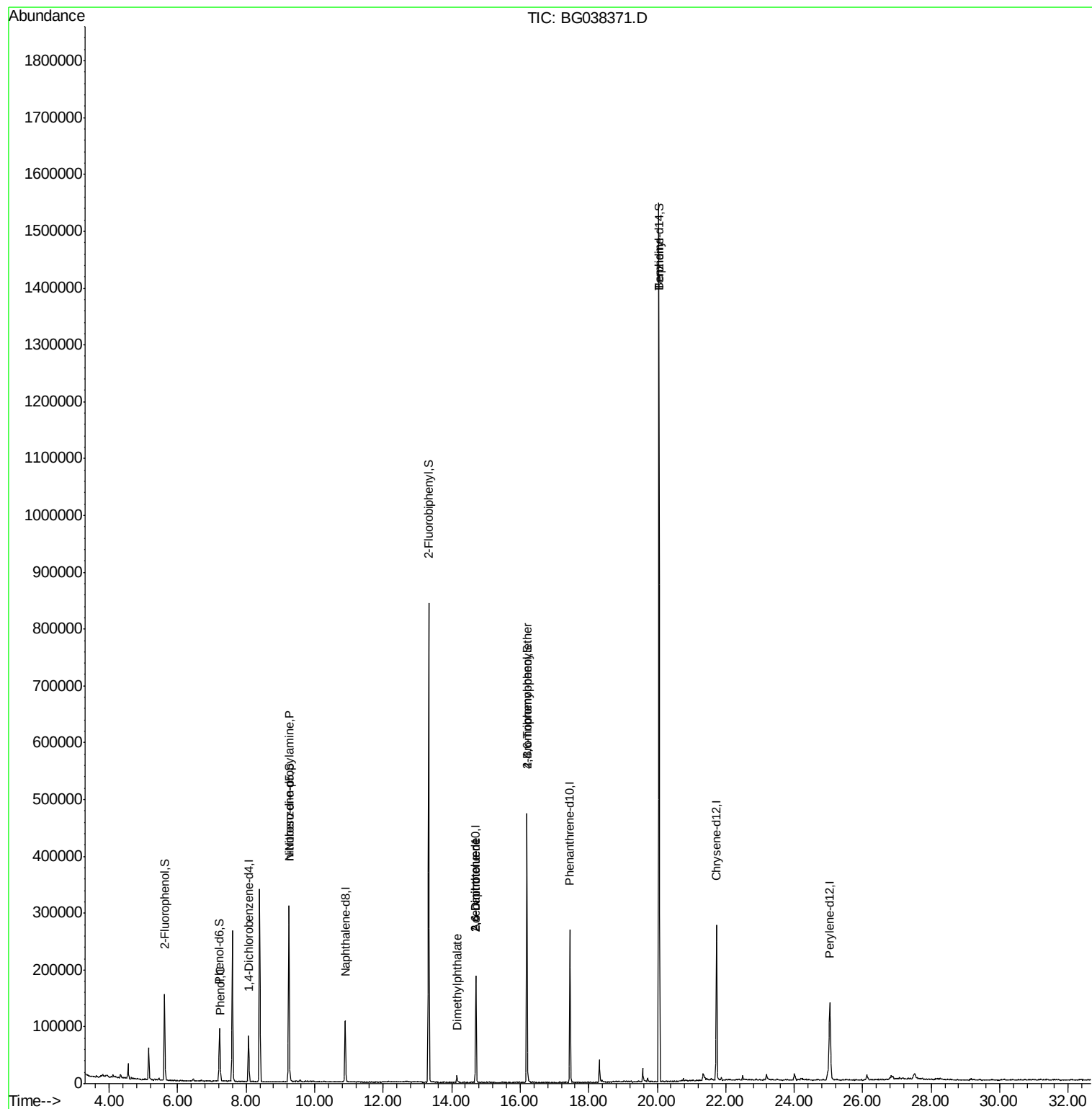
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24009	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	101622	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	68555	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	178095	20.00	ng	0.00
76) Chrysene-d12	21.73	240	168231	20.00	ng	-0.01
87) Perylene-d12	25.04	264	164730	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	70405	51.89	ng	0.00
7) Phenol-d6	7.21	99	59466	30.33	ng	-0.01
23) Nitrobenzene-d5	9.25	82	196019	95.77	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	86728	103.05	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	450952	93.73	ng	0.00
79) Terphenyl-d14	20.05	244	767565	97.74	ng	0.00
Target Compounds						
10) Phenol	7.24	94	11129	5.372	ng	94
19) n-Nitroso-di-n-propylamine	9.25	70	25530	16.581	ng	# 79
50) Dimethylphthalate	14.15	163	11745	2.136	ng	# 97
51) 2,6-Dinitrotoluene	14.71	165	8443	6.722	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	8443	4.874	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	5474	2.846	ng	# 1
77) Benzidine	20.05	184	13828	2.436	ng	# 93

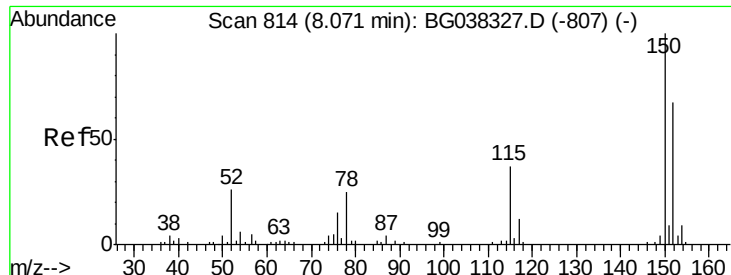
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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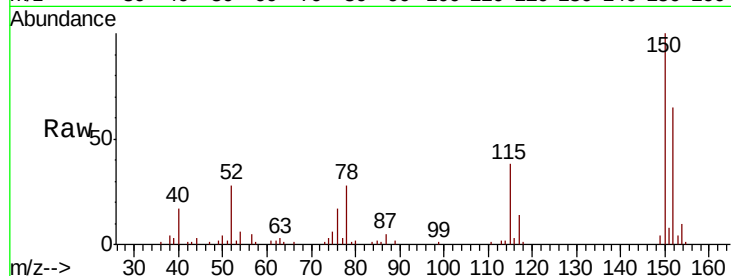


#1

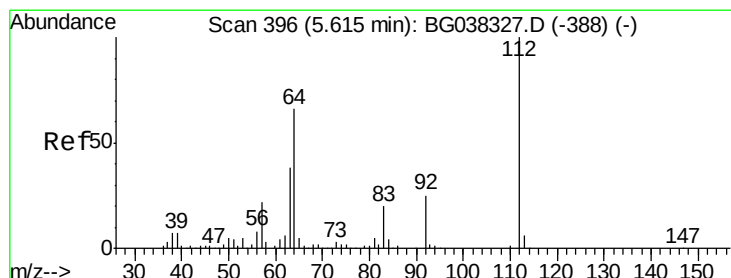
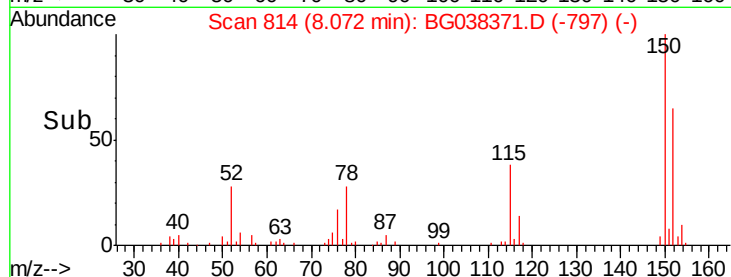
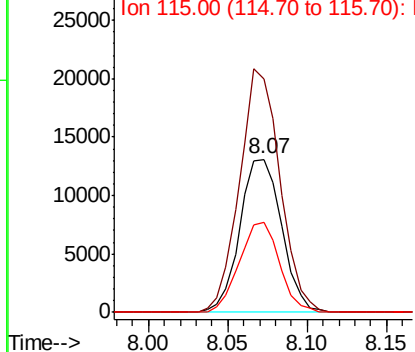
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038371.D
Acq: 5 Dec 2018 23:05

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

Tgt Ion:152 Resp: 24009
Ion Ratio Lower Upper
152 100
150 152.9 126.0 189.0
115 58.6 45.5 68.3



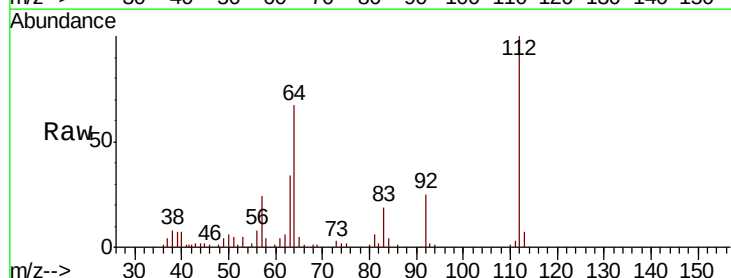
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



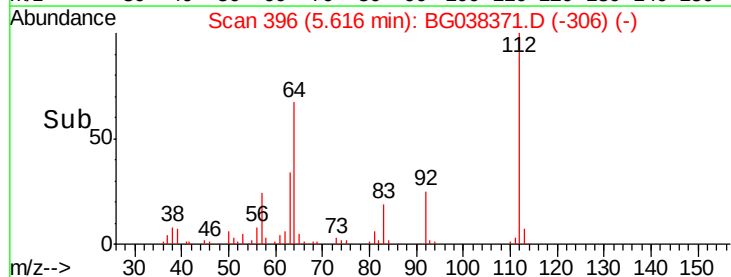
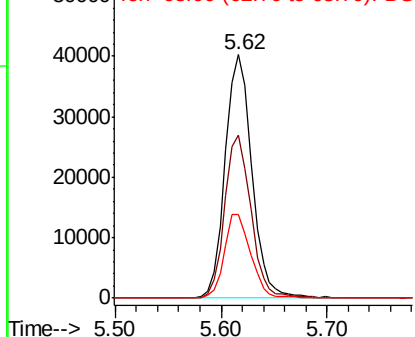
#5

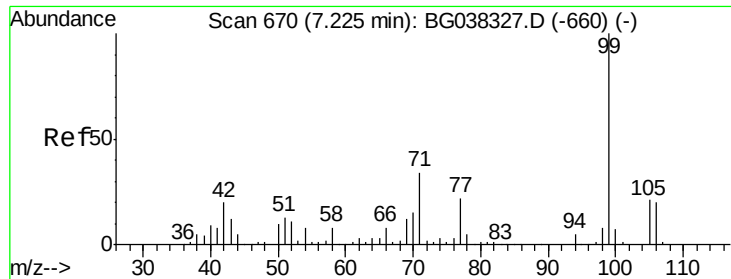
2-Fluorophenol
Concen: 51.894 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038371.D
Acq: 5 Dec 2018 23:05

Tgt Ion:112 Resp: 70405
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 34.3 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: 30.326 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038371.D

Acq: 5 Dec 2018 23:05

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-B

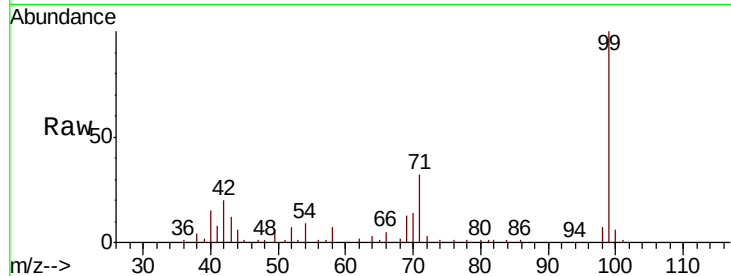
Tgt Ion: 99 Resp: 59466

Ion Ratio Lower Upper

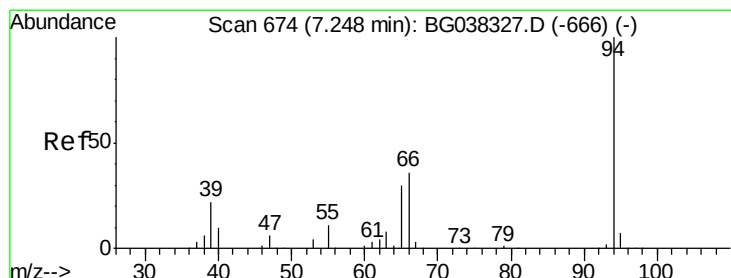
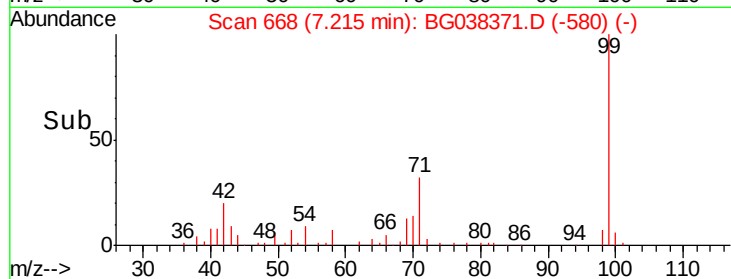
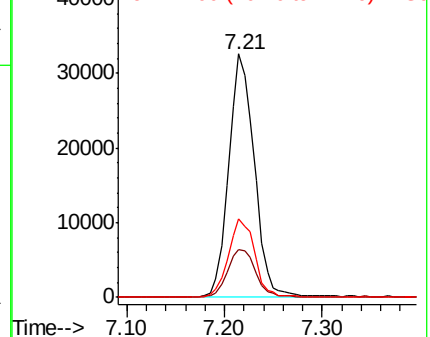
99 100

42 19.6 15.0 22.4

71 32.1 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: 5.372 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG038371.D

Acq: 5 Dec 2018 23:05

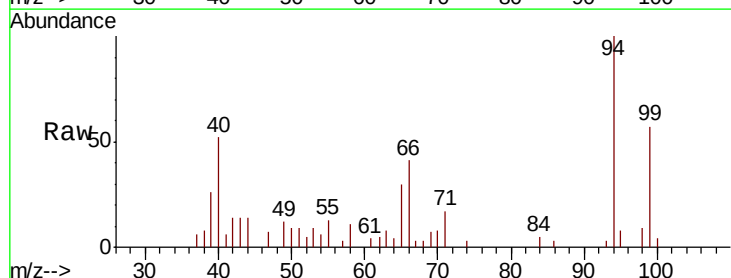
Tgt Ion: 94 Resp: 11129

Ion Ratio Lower Upper

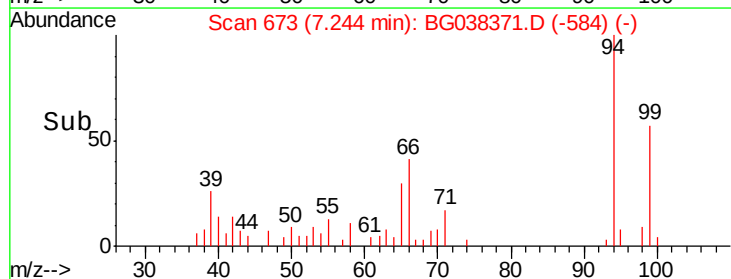
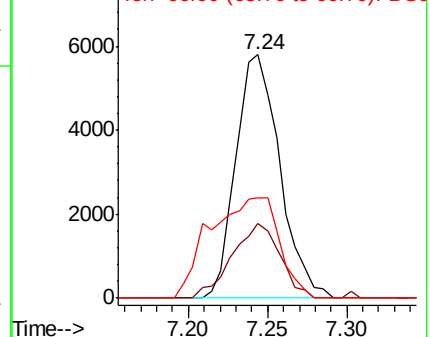
94 100

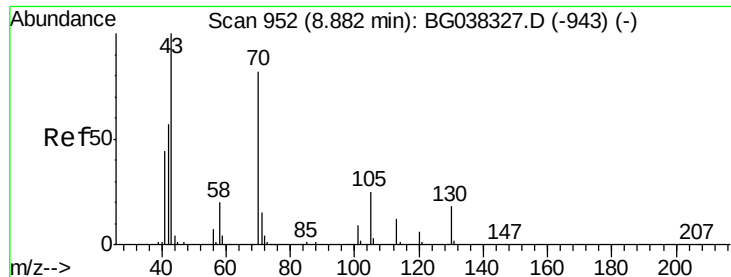
65 30.5 9.7 49.7

66 41.1 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

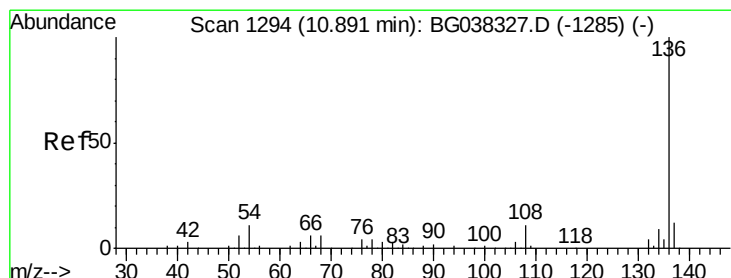
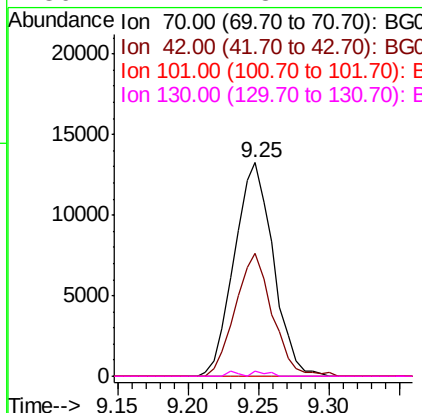
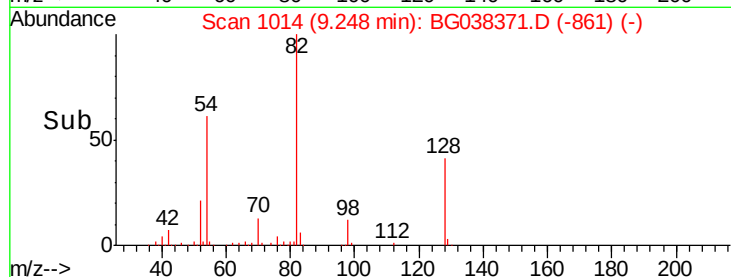
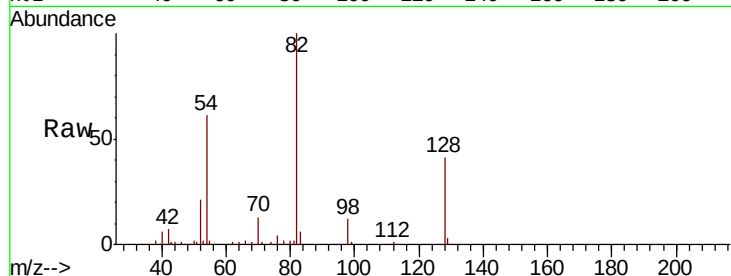




#19
n-Nitroso-di-n-propylamine
Concen: 16.581 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.37 min
Lab File: BG038371.D
Acq: 5 Dec 2018 23:05

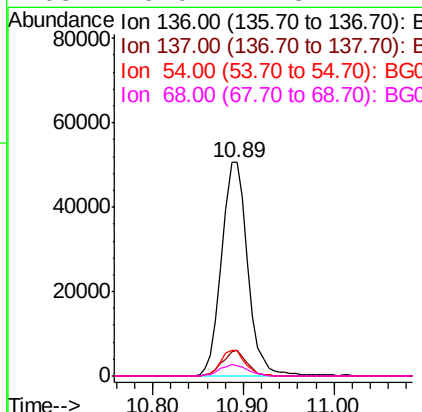
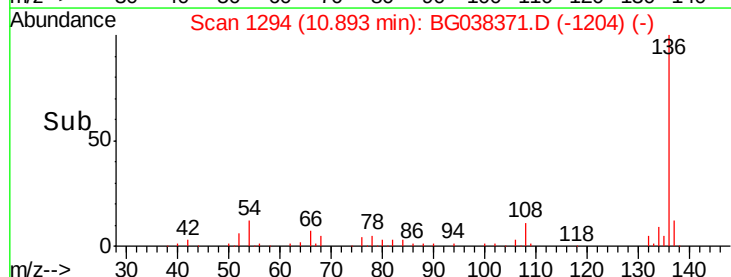
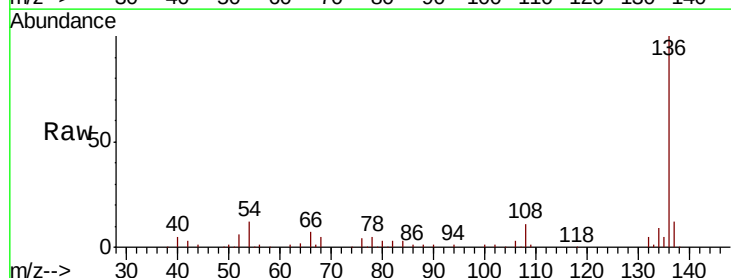
Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-B

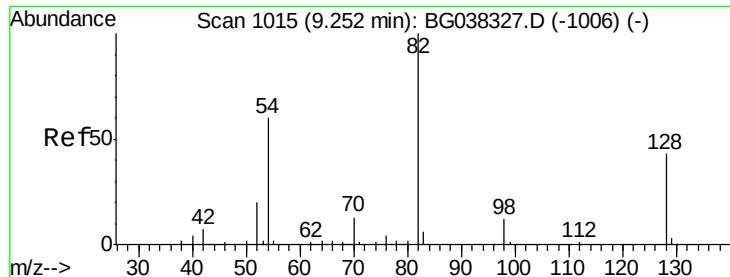
Tgt Ion: 70 Resp: 25530
Ion Ratio Lower Upper
70 100
42 57.5 53.9 80.9
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038371.D
Acq: 5 Dec 2018 23:05

Tgt Ion: 136 Resp: 101622
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 11.9 7.9 11.9
68 5.0 4.8 7.2

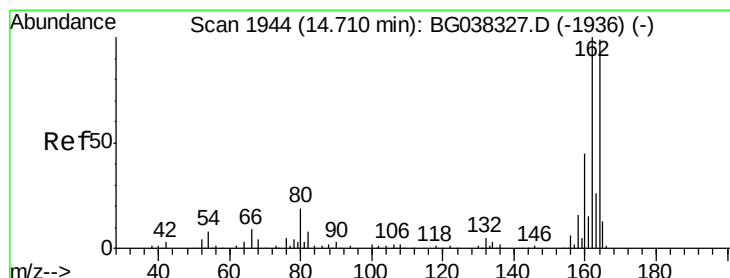
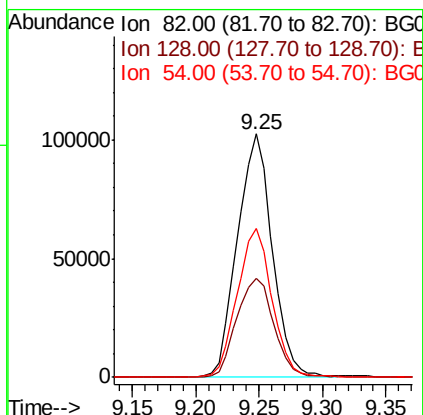
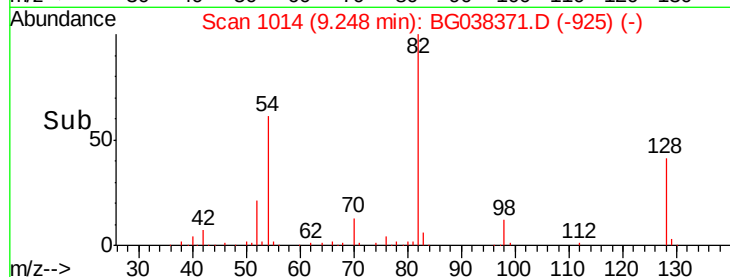
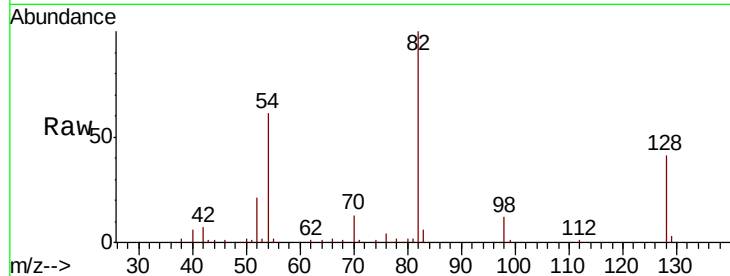




#23
Nitrobenzene-d5
Concen: 95.766 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038371.D
Acq: 5 Dec 2018 23:05

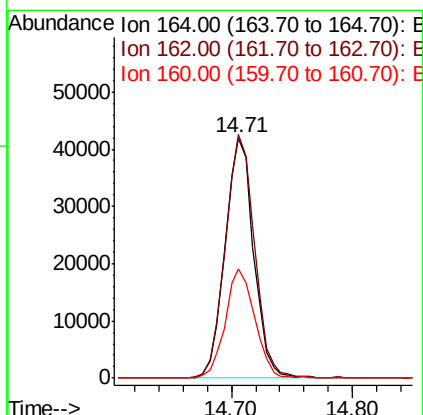
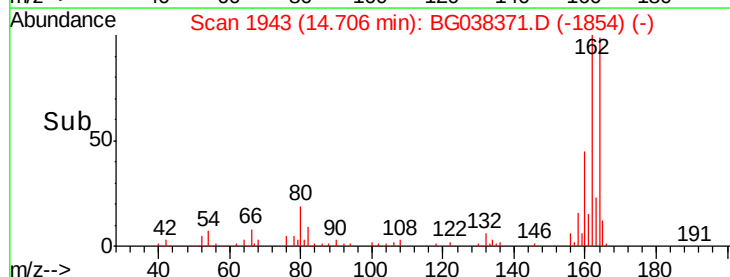
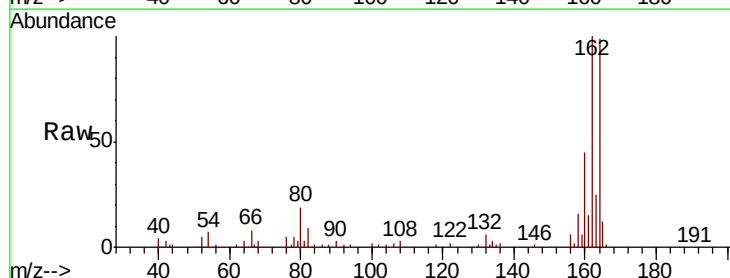
Instrument :
BNA_G
ClientSampleId :
113018-JETT-E-D-B

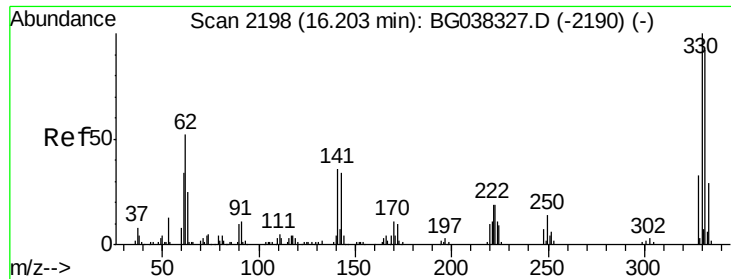
Tgt Ion: 82 Resp: 196019
Ion Ratio Lower Upper
82 100
128 40.7 34.6 51.8
54 61.0 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG038371.D
Acq: 5 Dec 2018 23:05

Tgt Ion: 164 Resp: 68555
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 103.052 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG038371.D

Acq: 5 Dec 2018 23:05

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-B

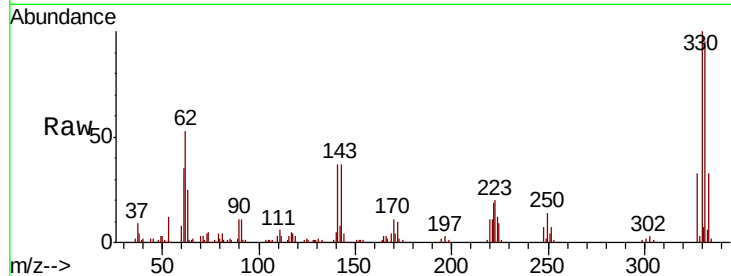
Tgt Ion:330 Resp: 86728

Ion Ratio Lower Upper

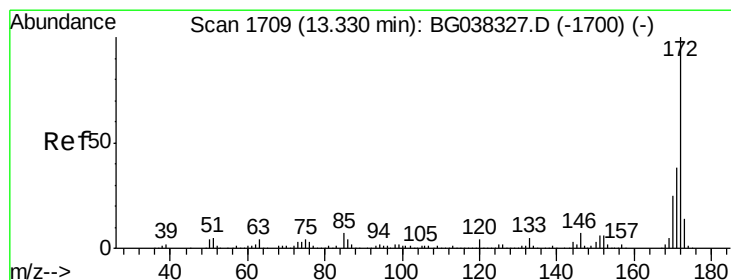
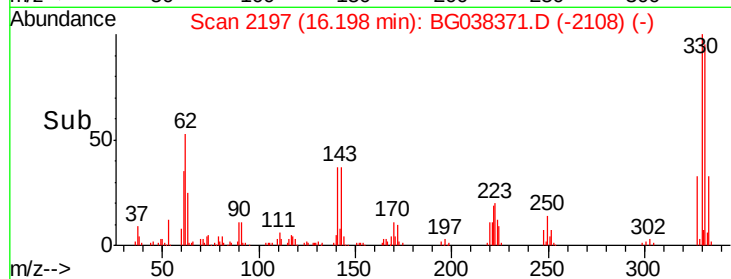
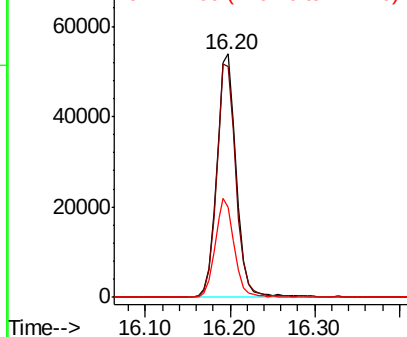
330 100

332 95.6 78.4 117.6

141 39.9 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: 93.730 ng

RT: 13.33 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG038371.D

Acq: 5 Dec 2018 23:05

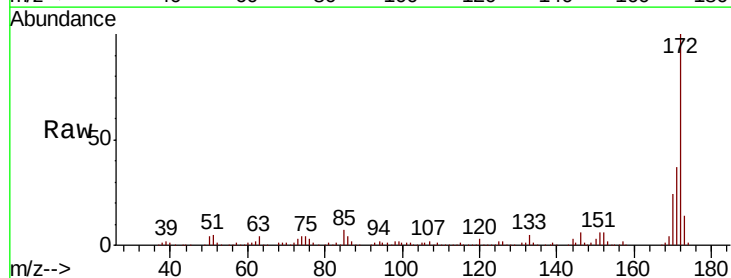
Tgt Ion:172 Resp: 450952

Ion Ratio Lower Upper

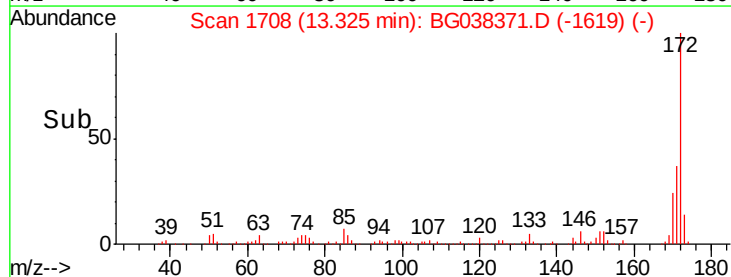
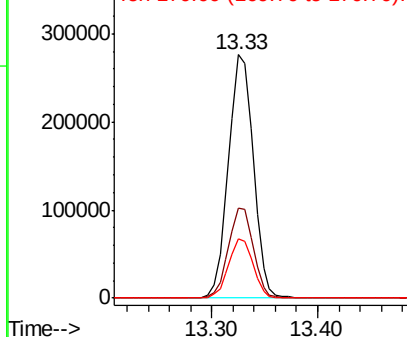
172 100

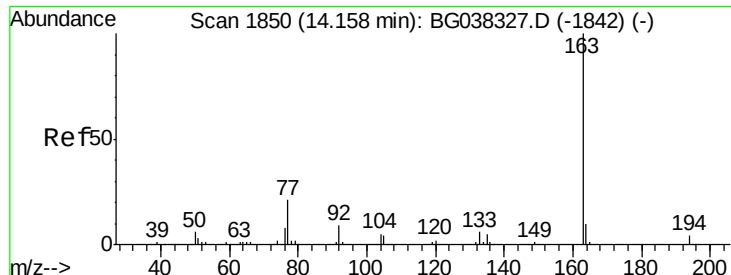
171 37.2 31.0 46.4

170 24.5 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: 2.136 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BG038371.D

Acq: 5 Dec 2018 23:05

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-B

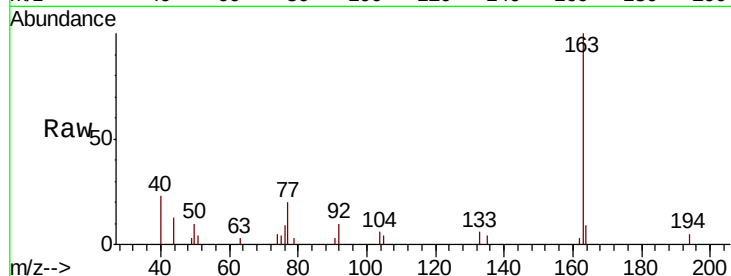
Tgt Ion:163 Resp: 11745

Ion Ratio Lower Upper

163 100

194 5.3 3.5 5.3#

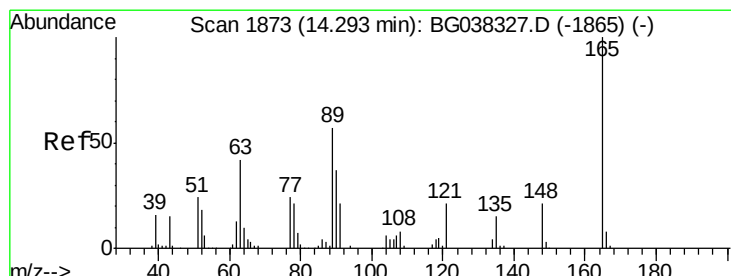
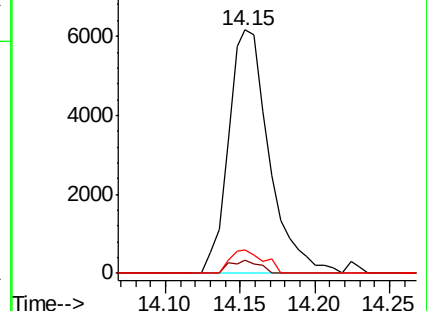
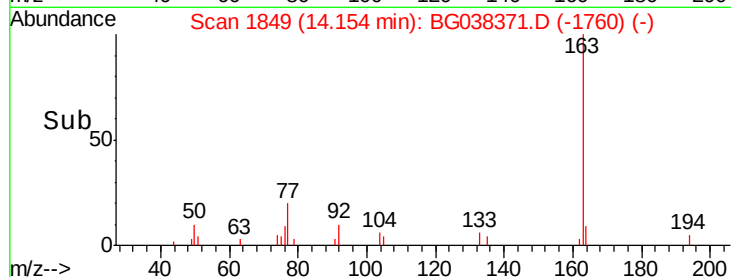
164 9.4 8.5 12.7



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: 6.722 ng

RT: 14.71 min Scan# 1943

Delta R.T. 0.41 min

Lab File: BG038371.D

Acq: 5 Dec 2018 23:05

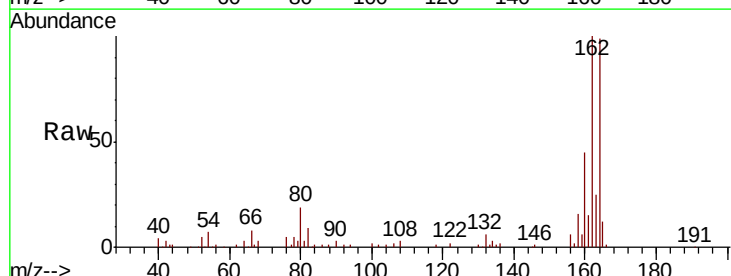
Tgt Ion:165 Resp: 8443

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

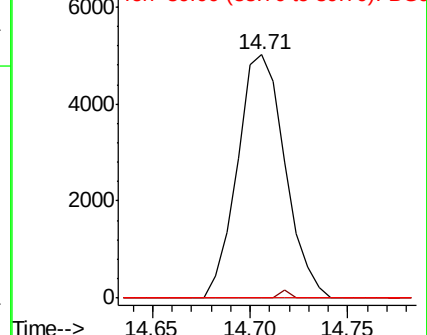
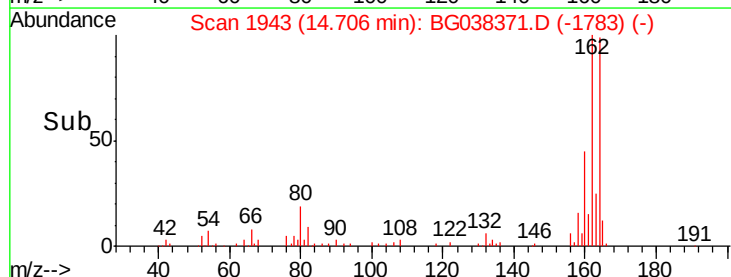
89 0.0 45.8 68.6#

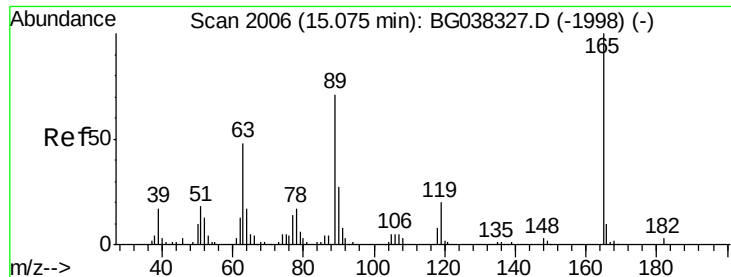


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

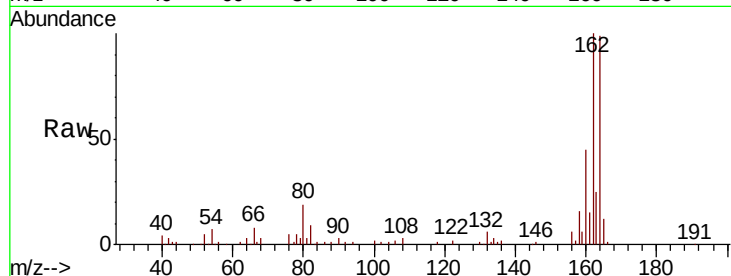




#57
 2,4-Dinitrotoluene
 Concen: 4.874 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038371.D
 Acq: 5 Dec 2018 23:05

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

Tgt 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#

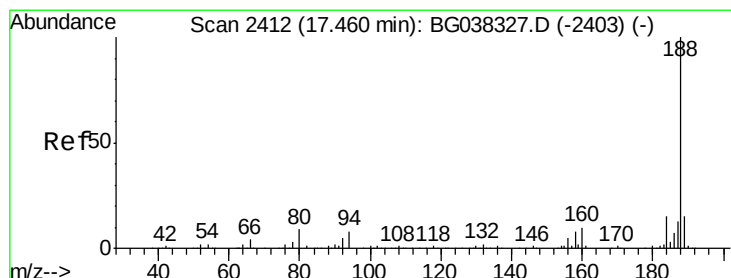
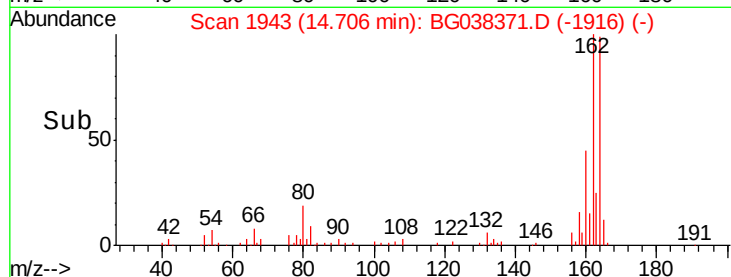
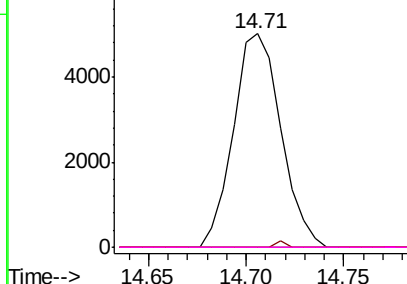


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

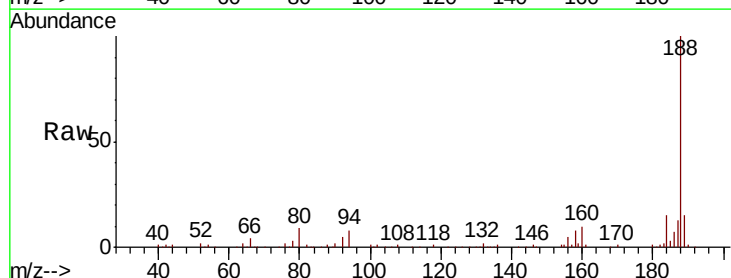
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG038371.D
 Acq: 5 Dec 2018 23:05

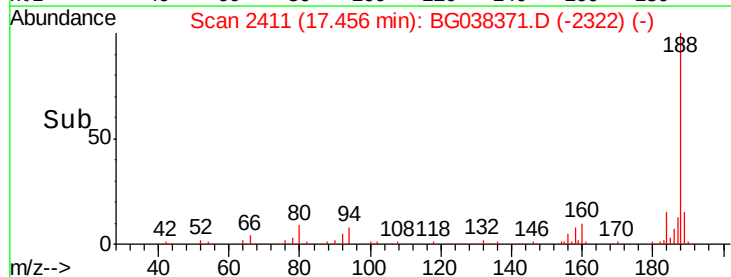
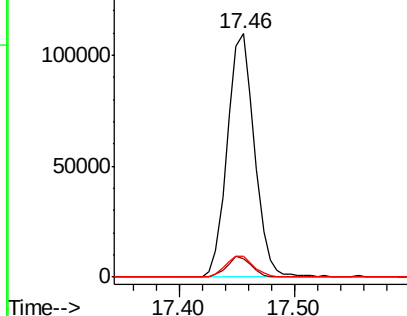
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	8.8	7.7	11.5

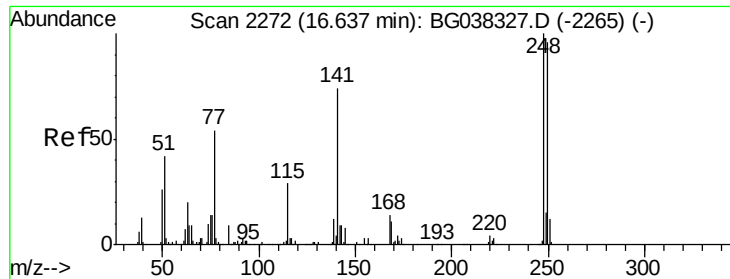


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

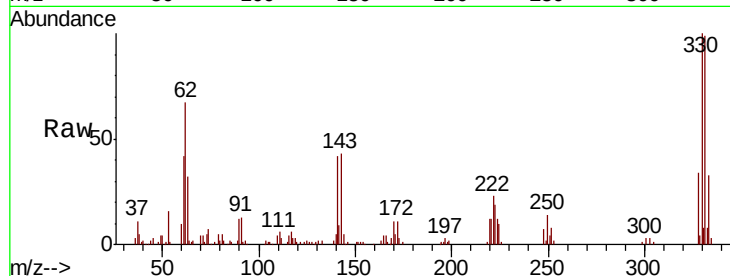




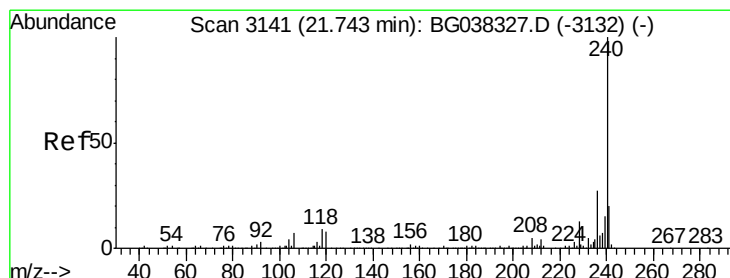
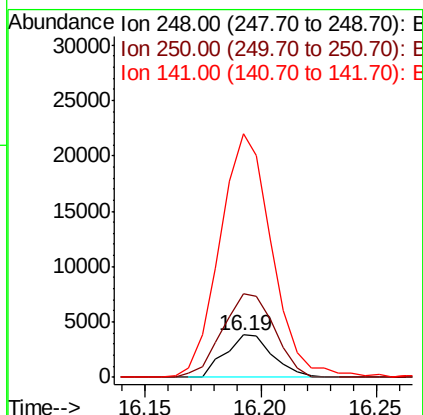
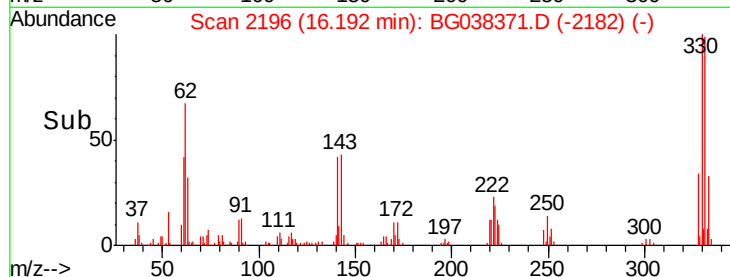
#67
4-Bromophenyl-phenylether
Concen: 2.846 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.45 min
Lab File: BG038371.D
Acq: 5 Dec 2018 23:05

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

Tgt Ion:248 Resp: 5474
Ion Ratio Lower Upper
248 100
250 191.2 77.0 115.6#
141 435.1 55.5 83.3#

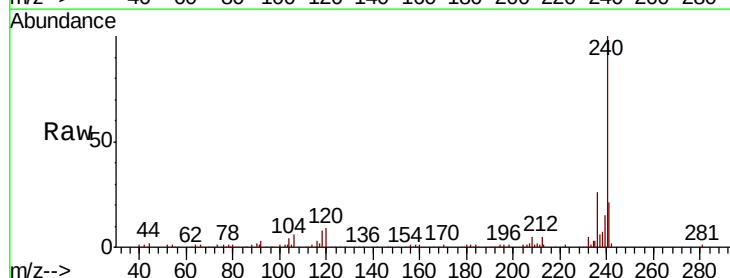


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

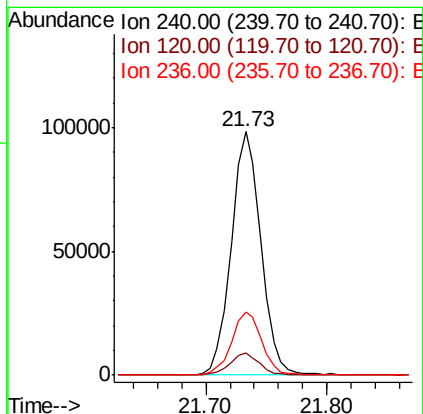
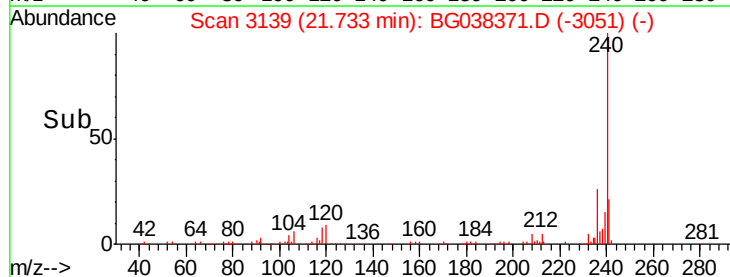


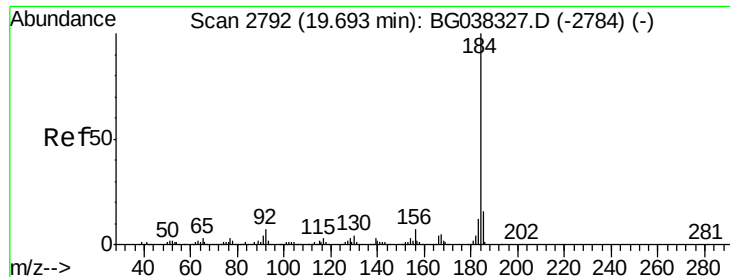
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038371.D
Acq: 5 Dec 2018 23:05

Tgt Ion:240 Resp: 168231
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 25.9 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: 2.436 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG038371.D

Acq: 5 Dec 2018 23:05

Instrument :

BNA_G

ClientSampleId :

113018-JETT-E-D-B

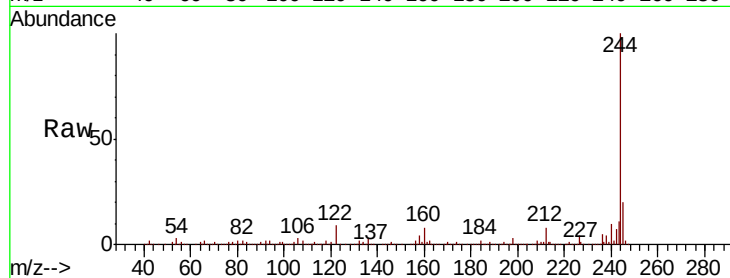
Tgt Ion:184 Resp: 13828

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

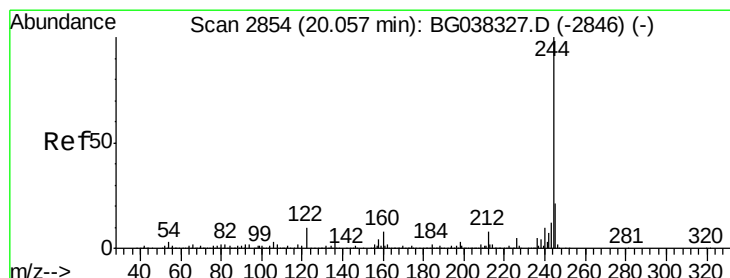
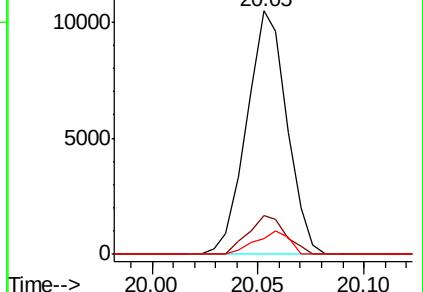
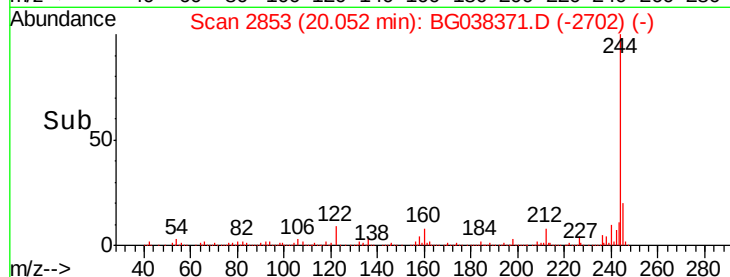
183 6.7 10.2 15.2#



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: 97.742 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038371.D

Acq: 5 Dec 2018 23:05

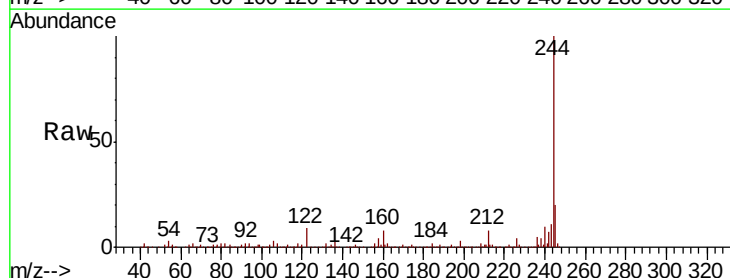
Tgt Ion:244 Resp: 767565

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

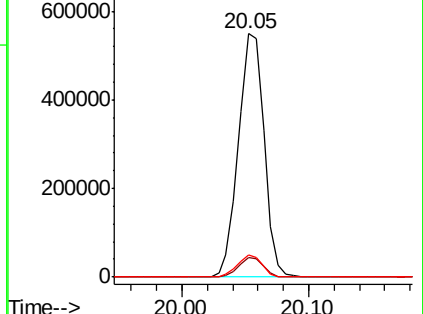
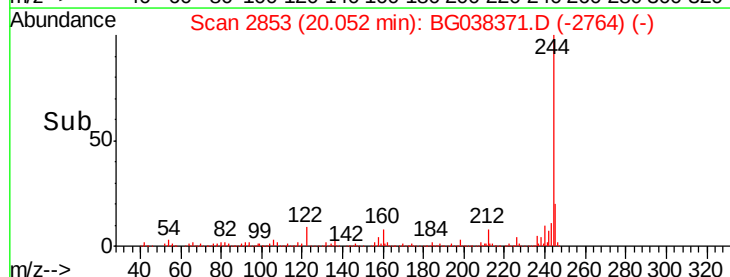
122 9.1 9.0 13.4

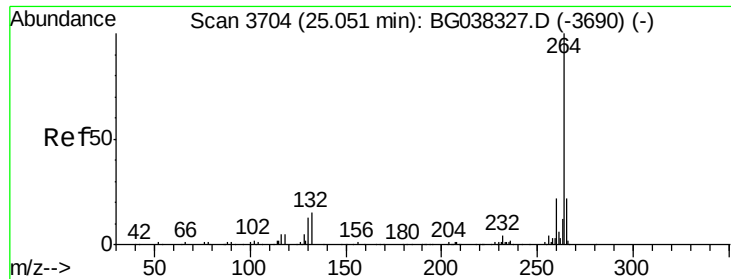


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038371.D
Acq: 5 Dec 2018 23:05

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.3	17.9	26.9

