

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038156.D
 Acq On : 27 Nov 2018 5:38
 Operator : JU/SJ
 Sample : J6061-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112018-JETT-E-D-S

Quant Time: Nov 27 06:58:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

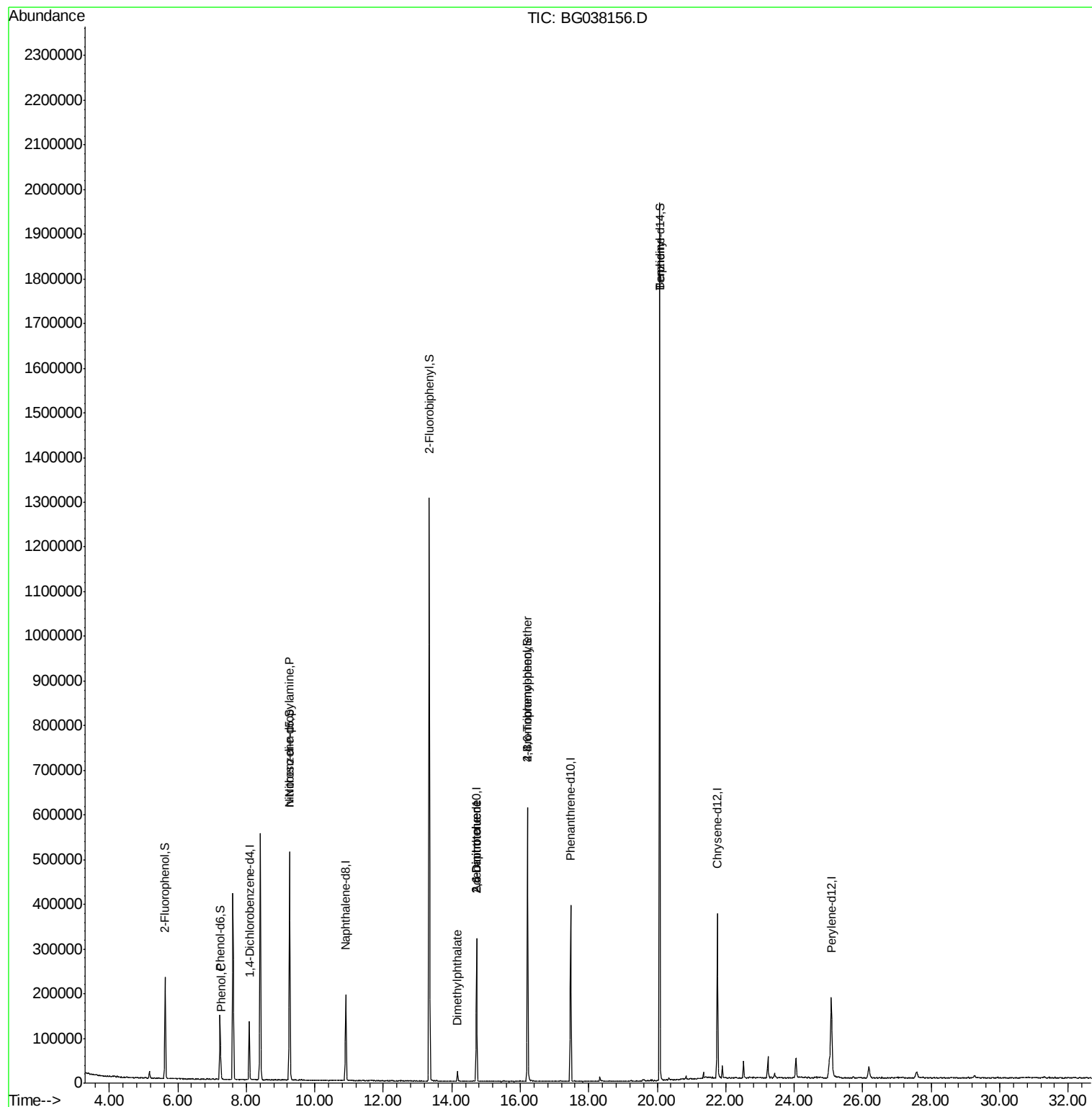
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38415	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	172887	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111642	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	248324	20.00	ng	0.00
76) Chrysene-d12	21.75	240	227887	20.00	ng	0.00
87) Perylene-d12	25.08	264	221568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	103868	46.68	ng	0.00
7) Phenol-d6	7.24	99	90187	28.40	ng	0.00
23) Nitrobenzene-d5	9.26	82	319897	99.05	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	113669	89.27	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	724485	94.54	ng	0.00
79) Terphenyl-d14	20.07	244	923873	95.39	ng	0.00
Target Compounds						
10) Phenol	7.26	94	12623	3.752	ng	94
19) n-Nitroso-di-n-propylamine	9.26	70	41984	18.269	ng	# 74
50) Dimethylphthalate	14.17	163	17930	2.026	ng	97
51) 2,6-Dinitrotoluene	14.72	165	14832	7.404	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	14832	5.442	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	8155	2.992	ng	# 1
77) Benzidine	20.07	184	16226	2.029	ng	# 95

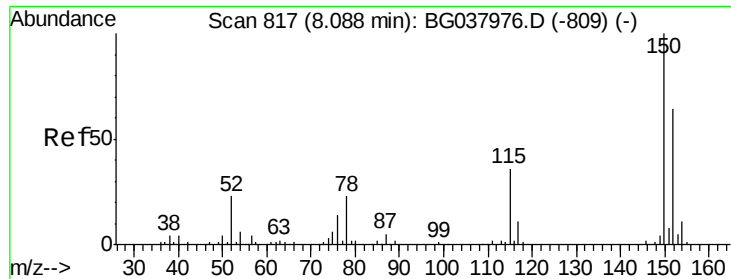
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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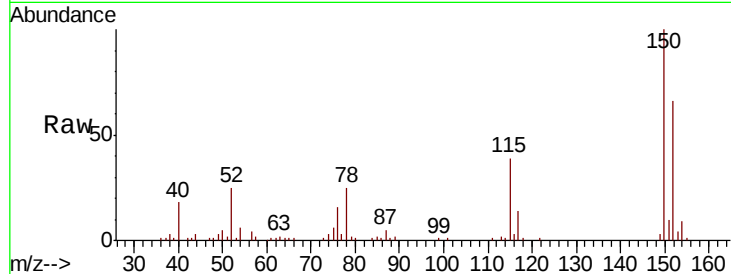


#1

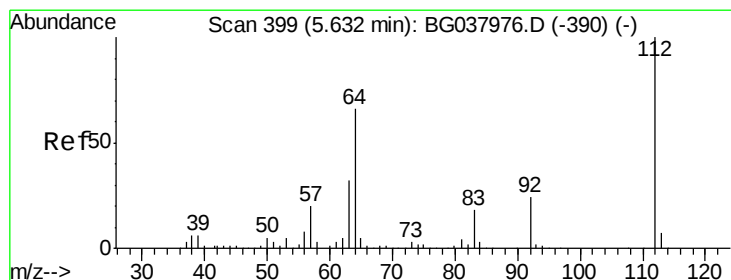
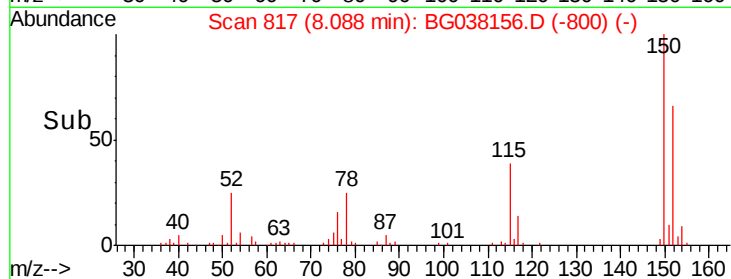
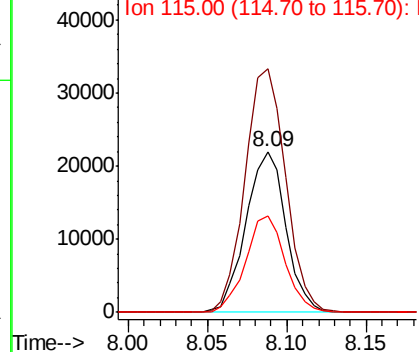
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038156.D
Acq: 27 Nov 2018 5:38

Instrument :
BNA_G
ClientSampleId :
112018-JETT-E-D-S

Tgt Ion:152 Resp: 38415
Ion Ratio Lower Upper
152 100
150 151.5 126.0 189.0
115 59.7 45.5 68.3



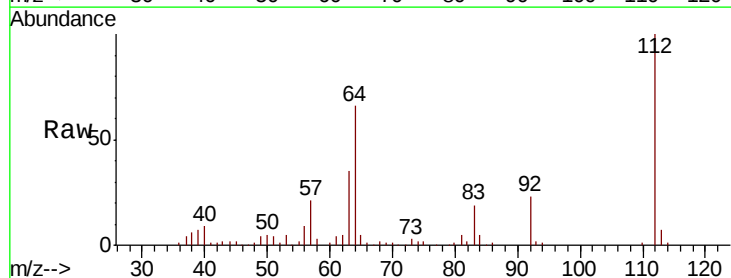
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



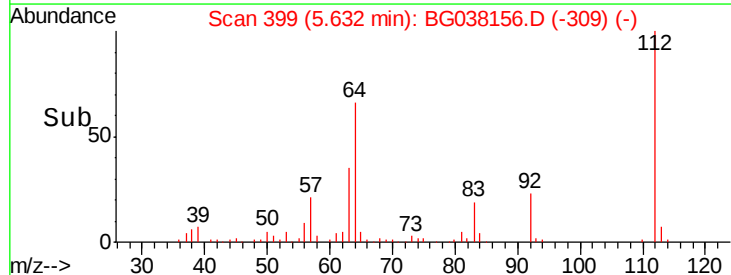
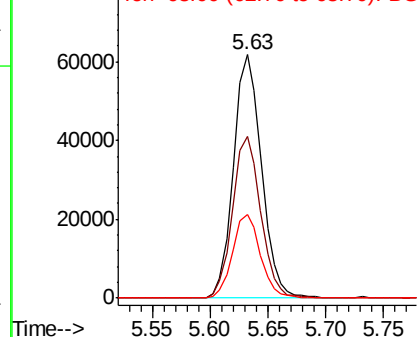
#5

2-Fluorophenol
Concen: 46.684 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038156.D
Acq: 27 Nov 2018 5:38

Tgt Ion:112 Resp: 103868
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 34.6 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: 28.397 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038156.D

Acq: 27 Nov 2018 5:38

Instrument :

BNA_G

ClientSampleId :

112018-JETT-E-D-S

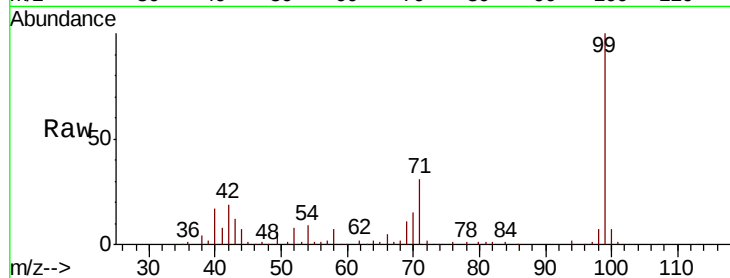
Tgt Ion: 99 Resp: 90187

Ion Ratio Lower Upper

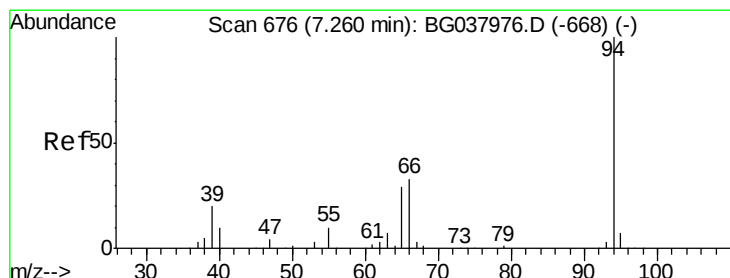
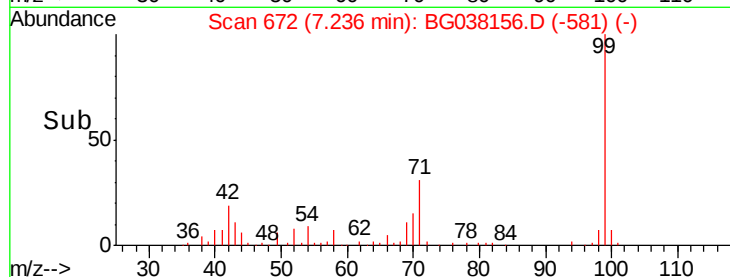
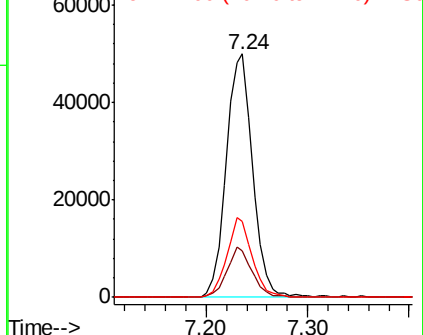
99 100

42 18.9 15.0 22.4

71 31.2 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: 3.752 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038156.D

Acq: 27 Nov 2018 5:38

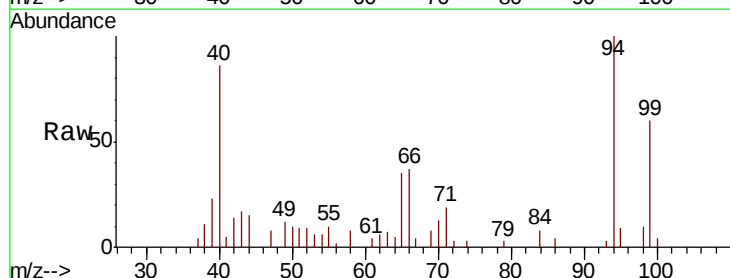
Tgt Ion: 94 Resp: 12623

Ion Ratio Lower Upper

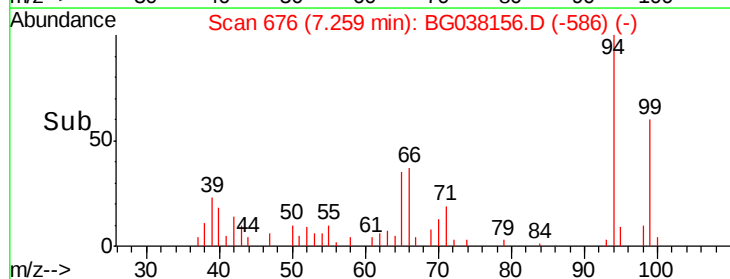
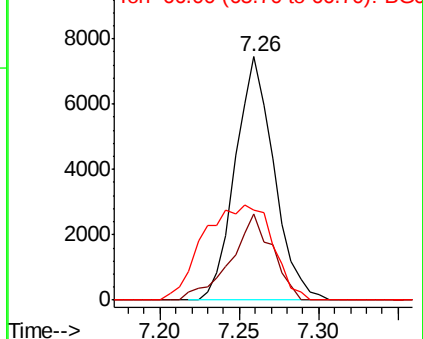
94 100

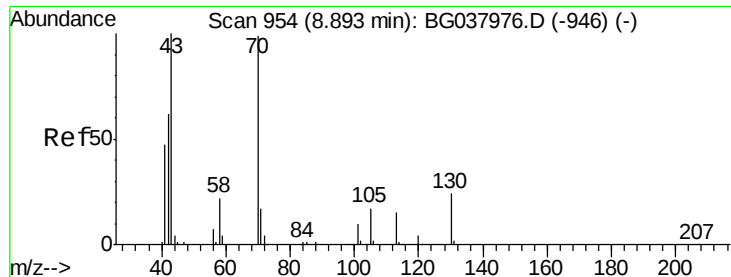
65 35.3 9.7 49.7

66 37.1 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: 18.269 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038156.D

Acq: 27 Nov 2018 5:38

Instrument :

BNA_G

ClientSampleId :

112018-JETT-E-D-S

Tgt Ion: 70 Resp: 41984

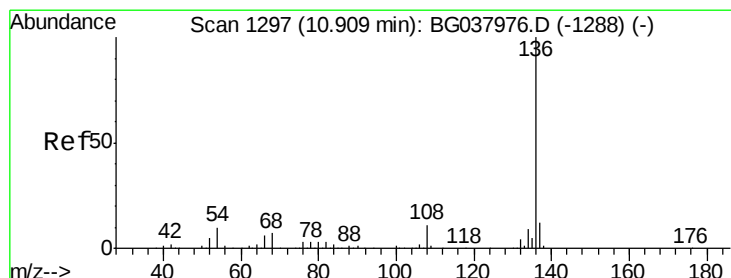
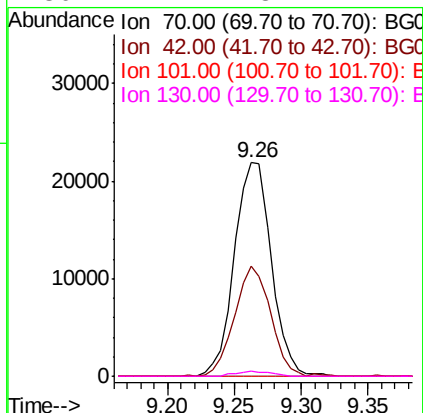
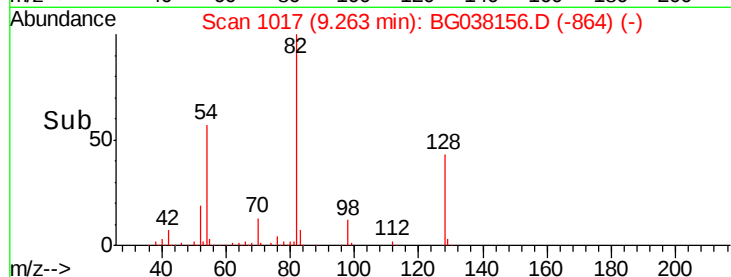
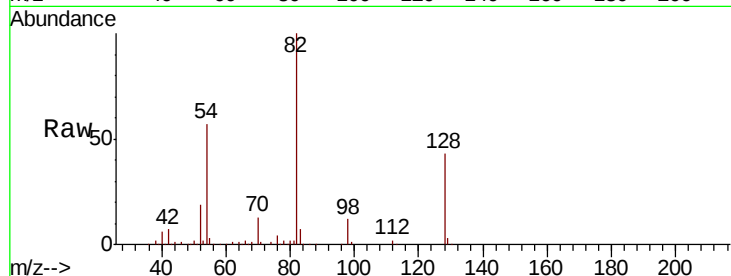
Ion Ratio Lower Upper

70 100

42 51.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.4 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038156.D

Acq: 27 Nov 2018 5:38

Tgt Ion: 136 Resp: 172887

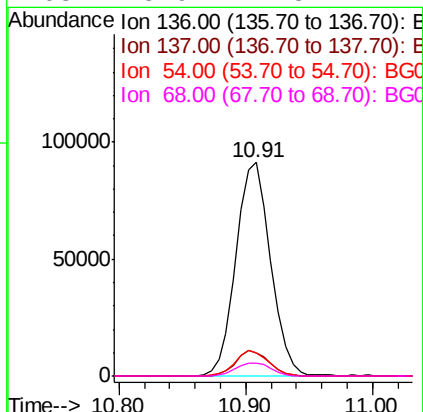
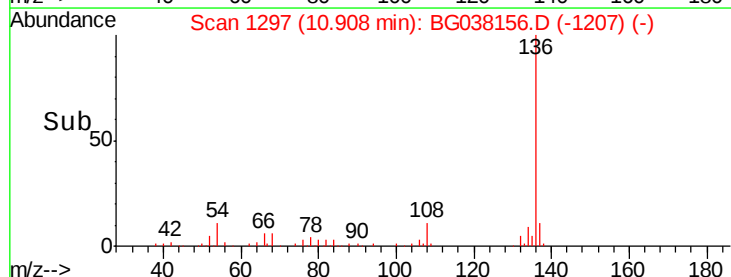
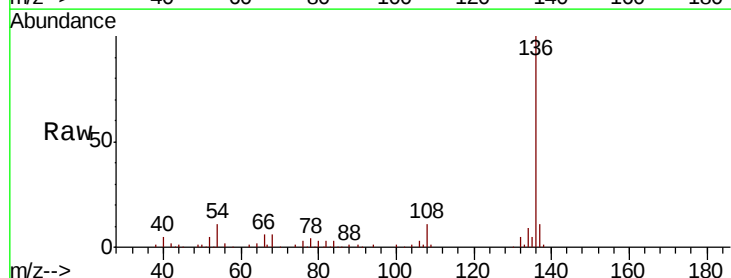
Ion Ratio Lower Upper

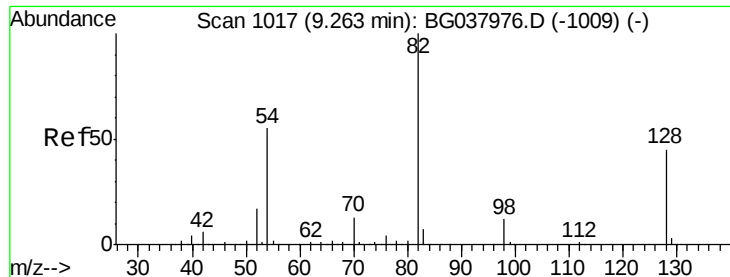
136 100

137 10.9 9.6 14.4

54 10.9 7.9 11.9

68 5.9 4.8 7.2

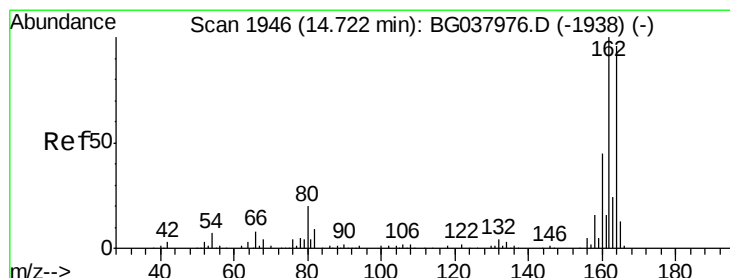
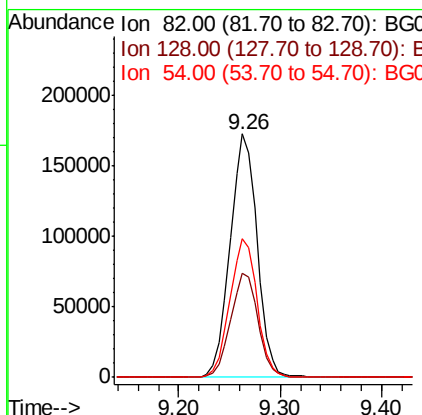
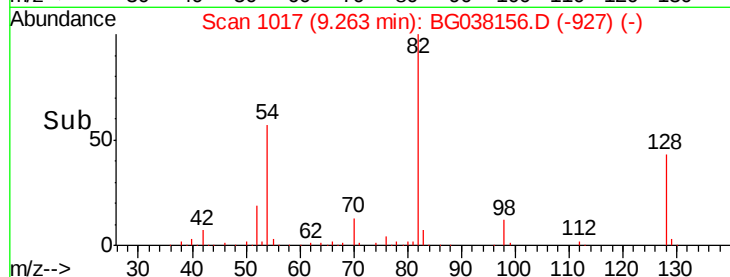
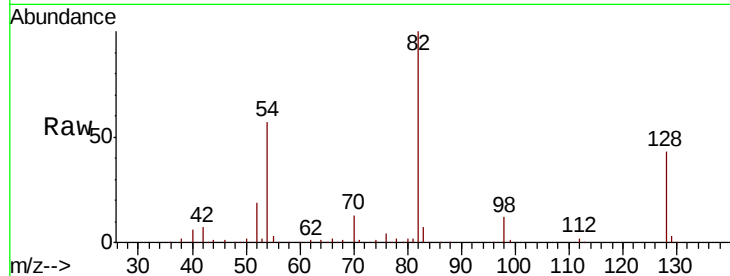




#23
Nitrobenzene-d5
Concen: 99.049 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038156.D
Acq: 27 Nov 2018 5:38

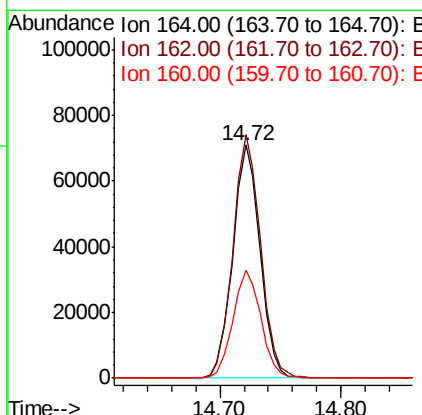
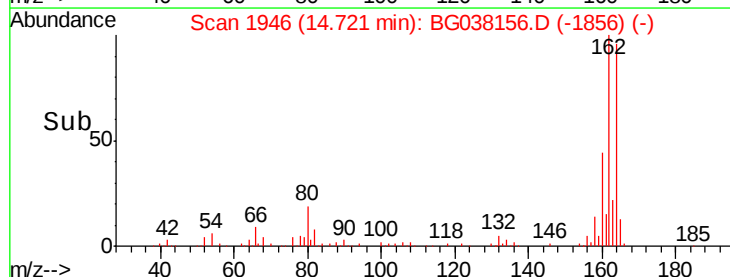
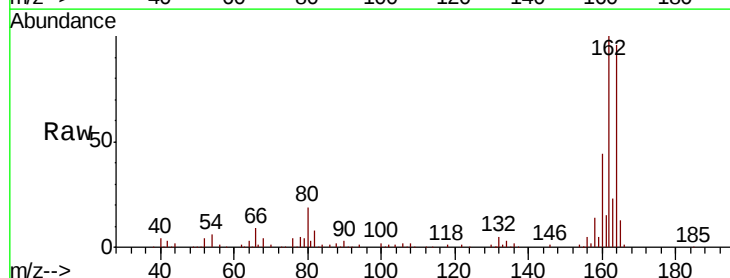
Instrument :
BNA_G
ClientSampleId :
112018-JETT-E-D-S

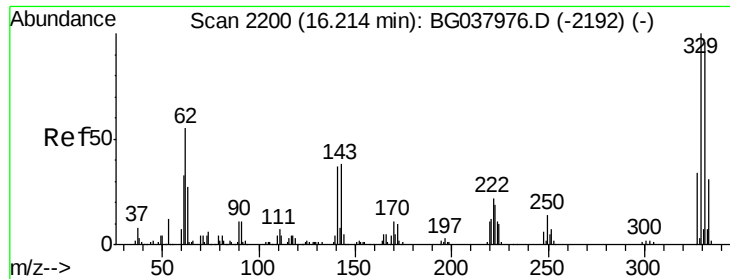
Tgt Ion: 82 Resp: 319897
Ion Ratio Lower Upper
82 100
128 42.5 34.6 51.8
54 57.2 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038156.D
Acq: 27 Nov 2018 5:38

Tgt Ion: 164 Resp: 111642
Ion Ratio Lower Upper
164 100
162 104.5 81.3 121.9
160 46.3 36.3 54.5

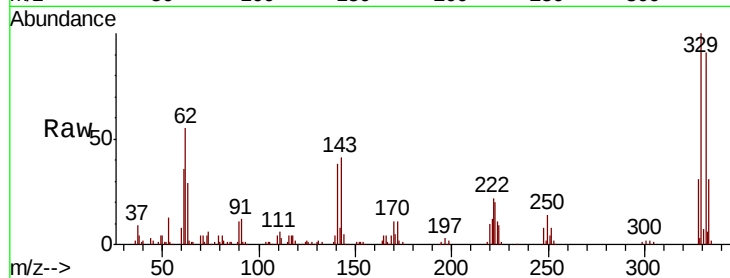




#42
 2,4,6-Tribromophenol
 Concen: 89.275 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG038156.D
 Acq: 27 Nov 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 112018-JETT-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	41.1	32.2	48.2

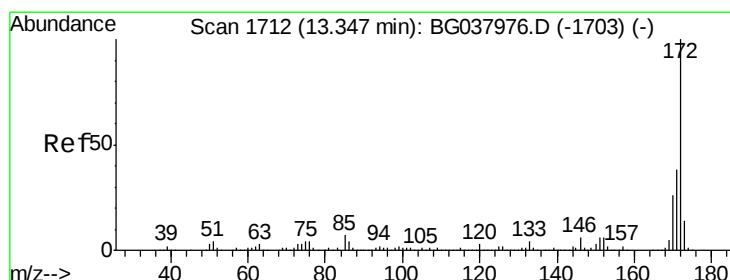
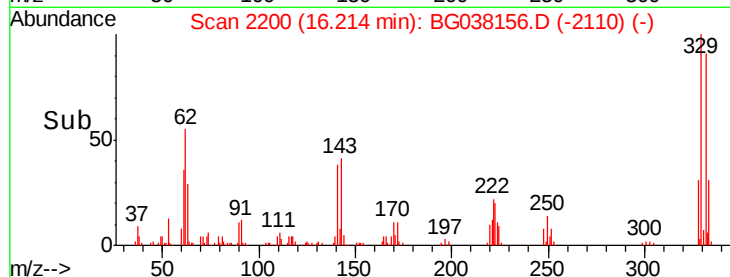
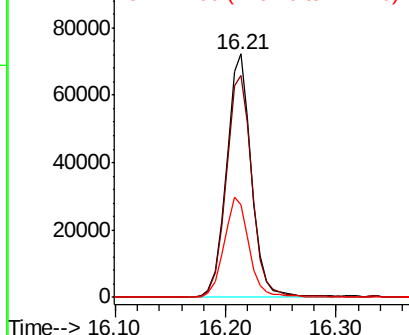


Abundance

Ion 329.80 (329.50 to 330.50): E

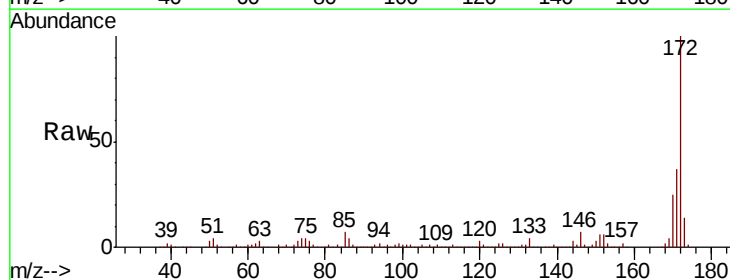
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.540 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG038156.D
 Acq: 27 Nov 2018 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.6	20.2	30.2

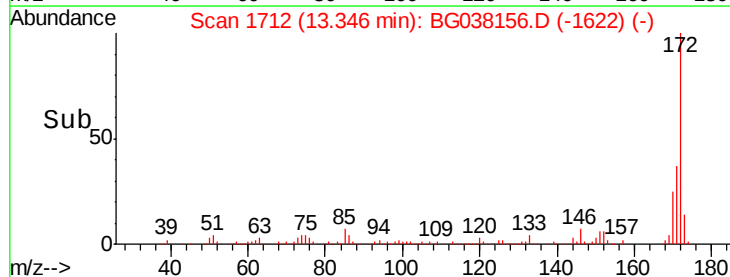
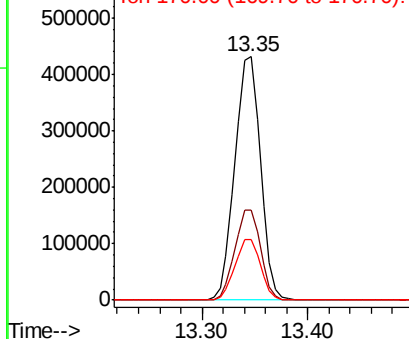


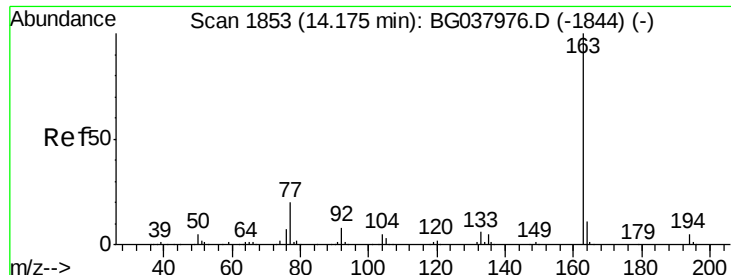
Abundance

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: 2.026 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038156.D

Acq: 27 Nov 2018 5:38

Instrument :

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ClientSampleId :

112018-JETT-E-D-S

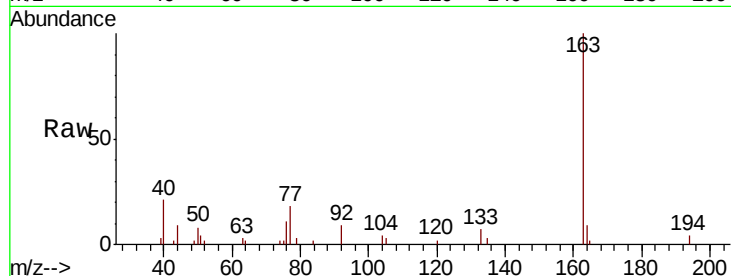
Tgt Ion:163 Resp: 17930

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

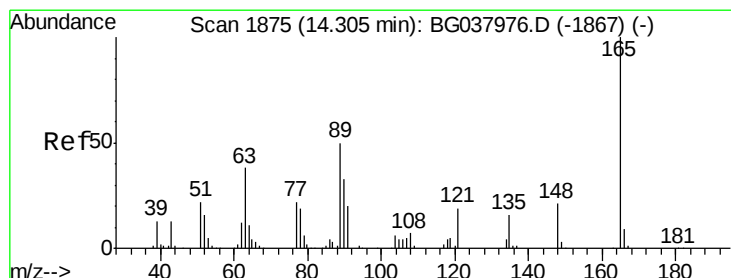
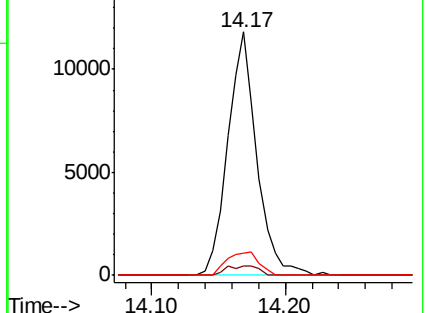
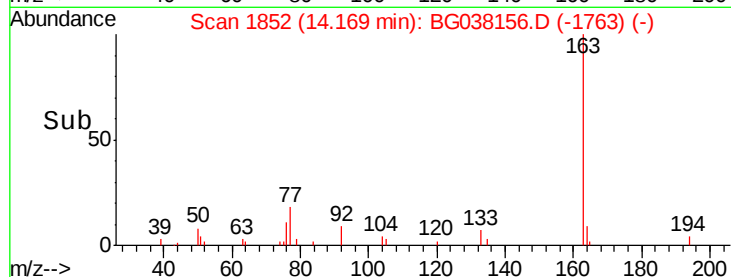
164 9.4 8.5 12.7



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: 7.404 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.42 min

Lab File: BG038156.D

Acq: 27 Nov 2018 5:38

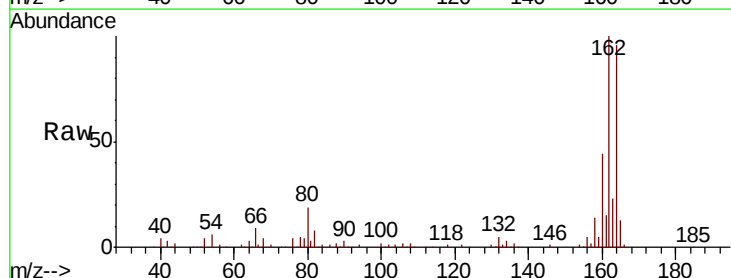
Tgt Ion:165 Resp: 14832

Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.2#

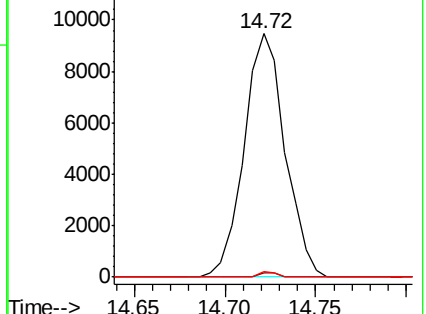
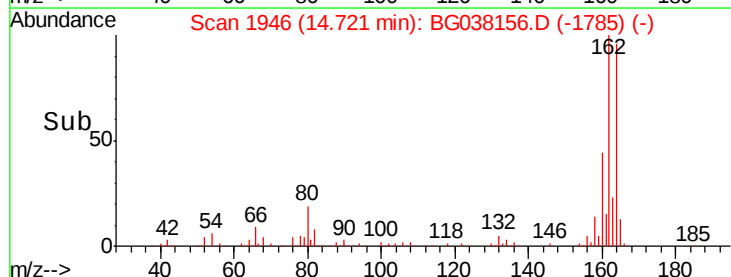
89 2.5 45.8 68.6#

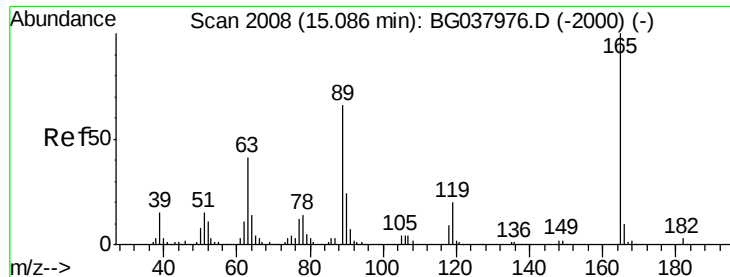


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

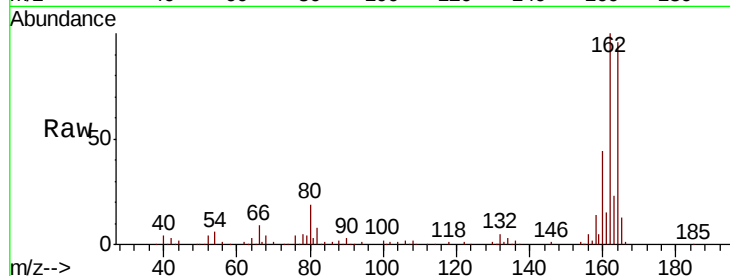




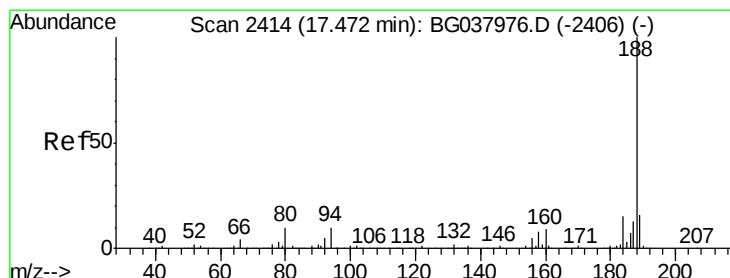
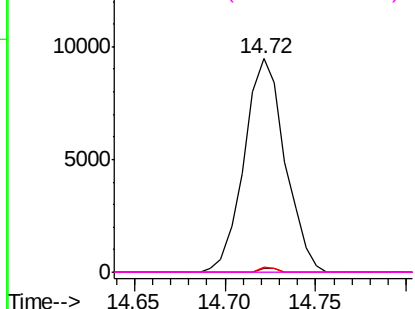
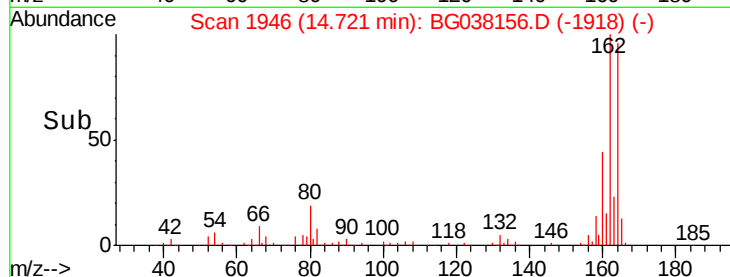
#57
 2,4-Dinitrotoluene
 Concen: 5.442 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038156.D
 Acq: 27 Nov 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 112018-JETT-E-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	2.5	57.2	85.8#
182	0.0	2.6	4.0#

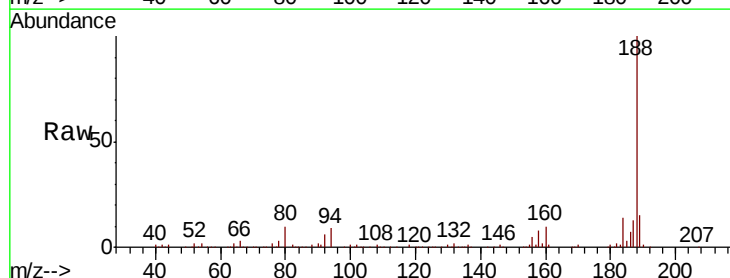


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

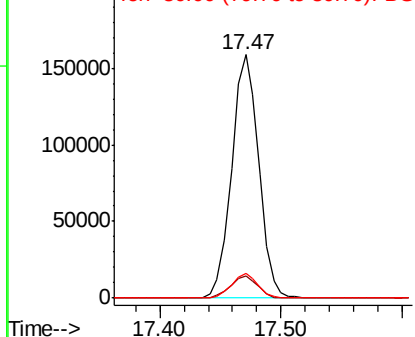
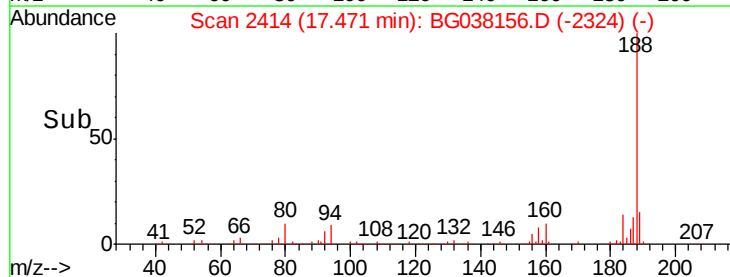


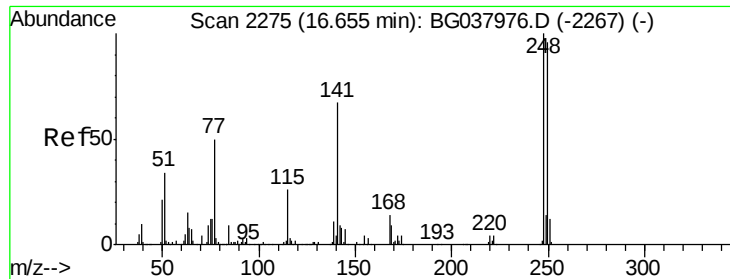
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038156.D
 Acq: 27 Nov 2018 5:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.9	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

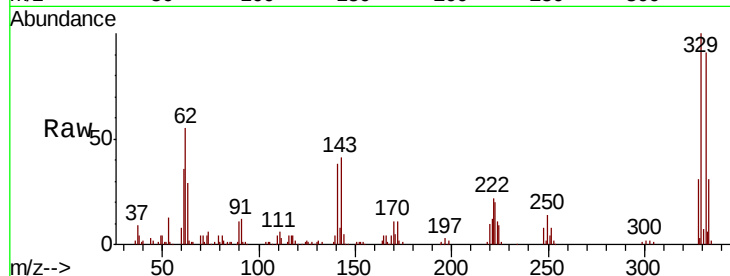




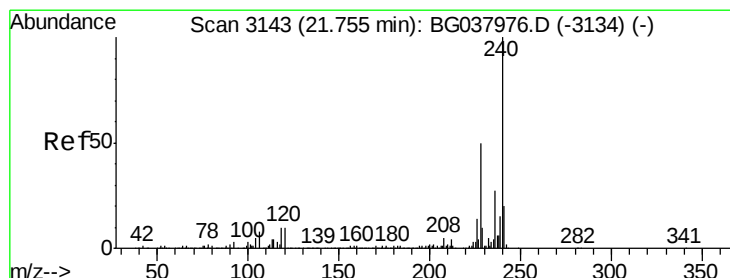
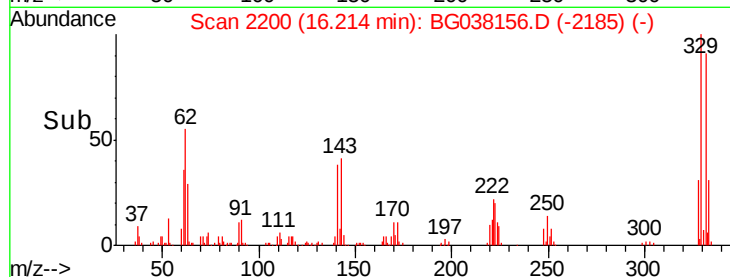
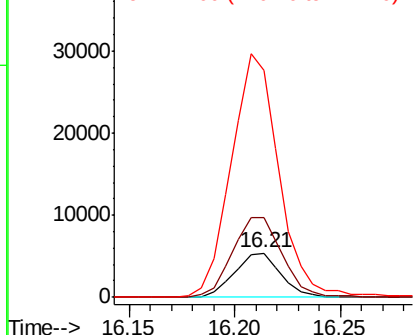
#67
 4-Bromophenyl-phenylether
 Concen: 2.992 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.44 min
 Lab File: BG038156.D
 Acq: 27 Nov 2018 5:38

Instrument :
 BNA_G
 ClientSampleId :
 112018-JETT-E-D-S

Tgt Ion: 248 Resp: 8155
 Ion Ratio Lower Upper
 248 100
 250 176.7 77.0 115.6#
 141 386.7 55.5 83.3#

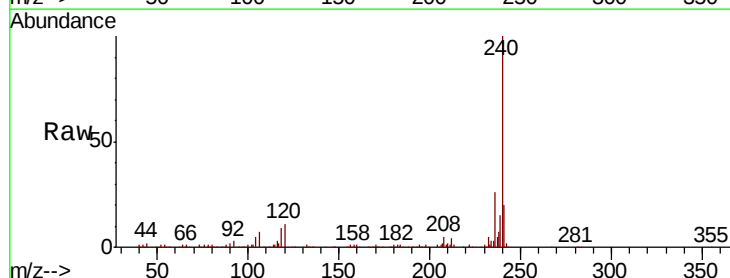


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

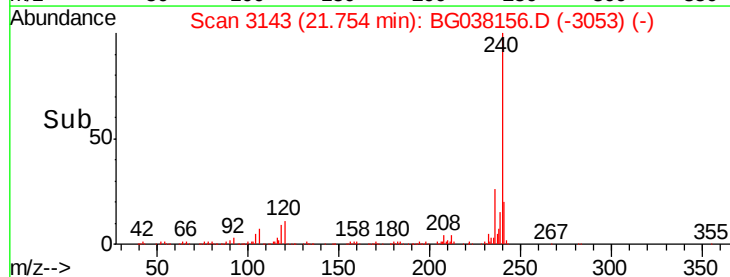
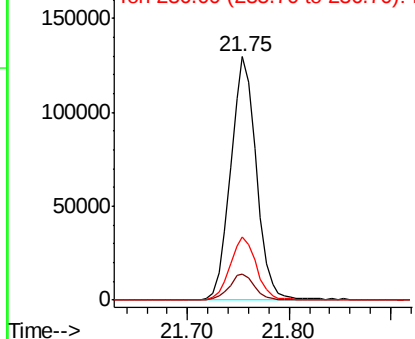


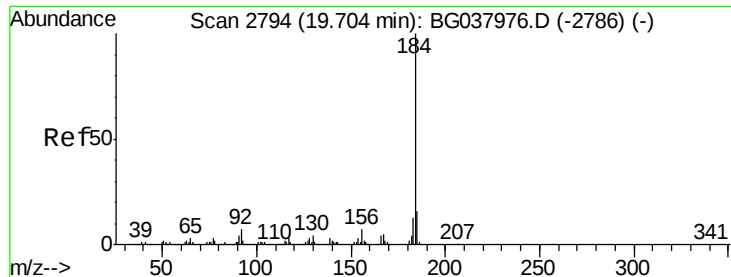
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG038156.D
 Acq: 27 Nov 2018 5:38

Tgt Ion: 240 Resp: 227887
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 26.2 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





#77

Benzidine

Concen: 2.029 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.37 min

Lab File: BG038156.D

Acq: 27 Nov 2018 5:38

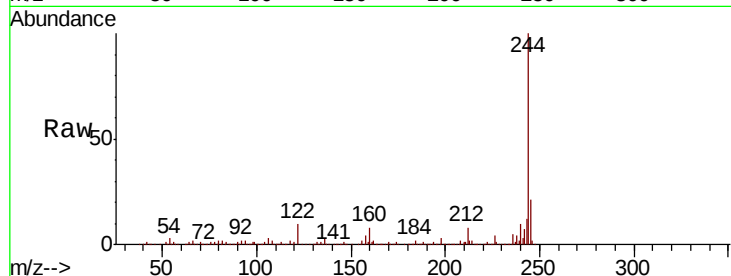
Instrument :

BNA_G

ClientSampleId :

112018-JETT-E-D-S

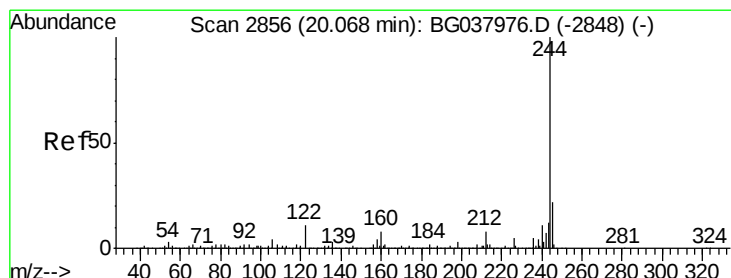
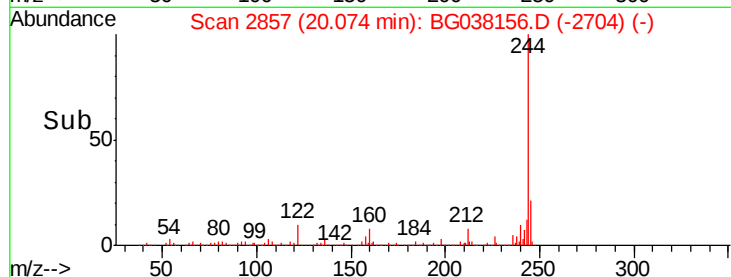
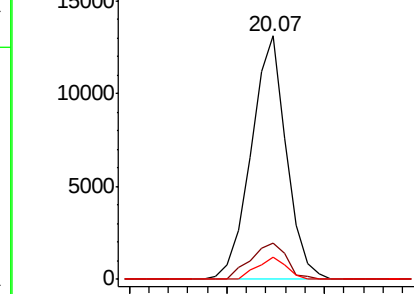
Tgt Ion:	184	Resp:	16226
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	8.9	10.2	15.2#



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: 95.393 ng

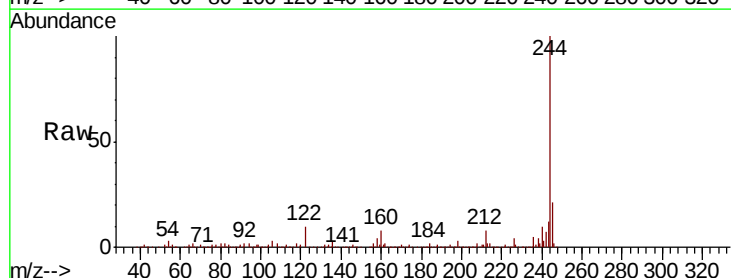
RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038156.D

Acq: 27 Nov 2018 5:38

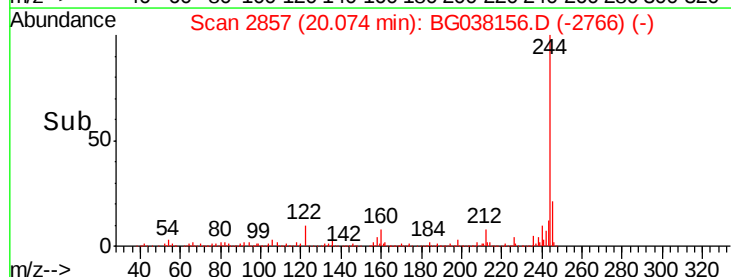
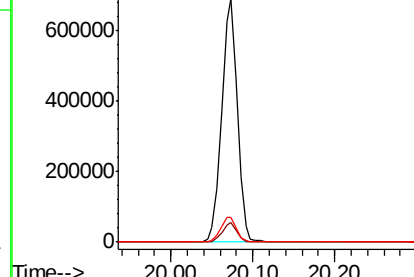
Tgt Ion:	244	Resp:	923873
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.5	9.7
122	10.0	9.0	13.4

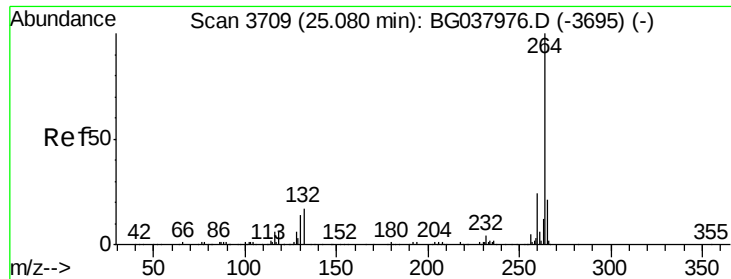


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038156.D
Acq: 27 Nov 2018 5:38

Instrument :
BNA_G
ClientSampleId :
112018-JETT-E-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	20.9	17.9	26.9

