

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043008.D
 Acq On : 3 Oct 2019 6:37
 Operator : JU
 Sample : K4659-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-093019-A

Quant Time: Oct 03 07:45:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

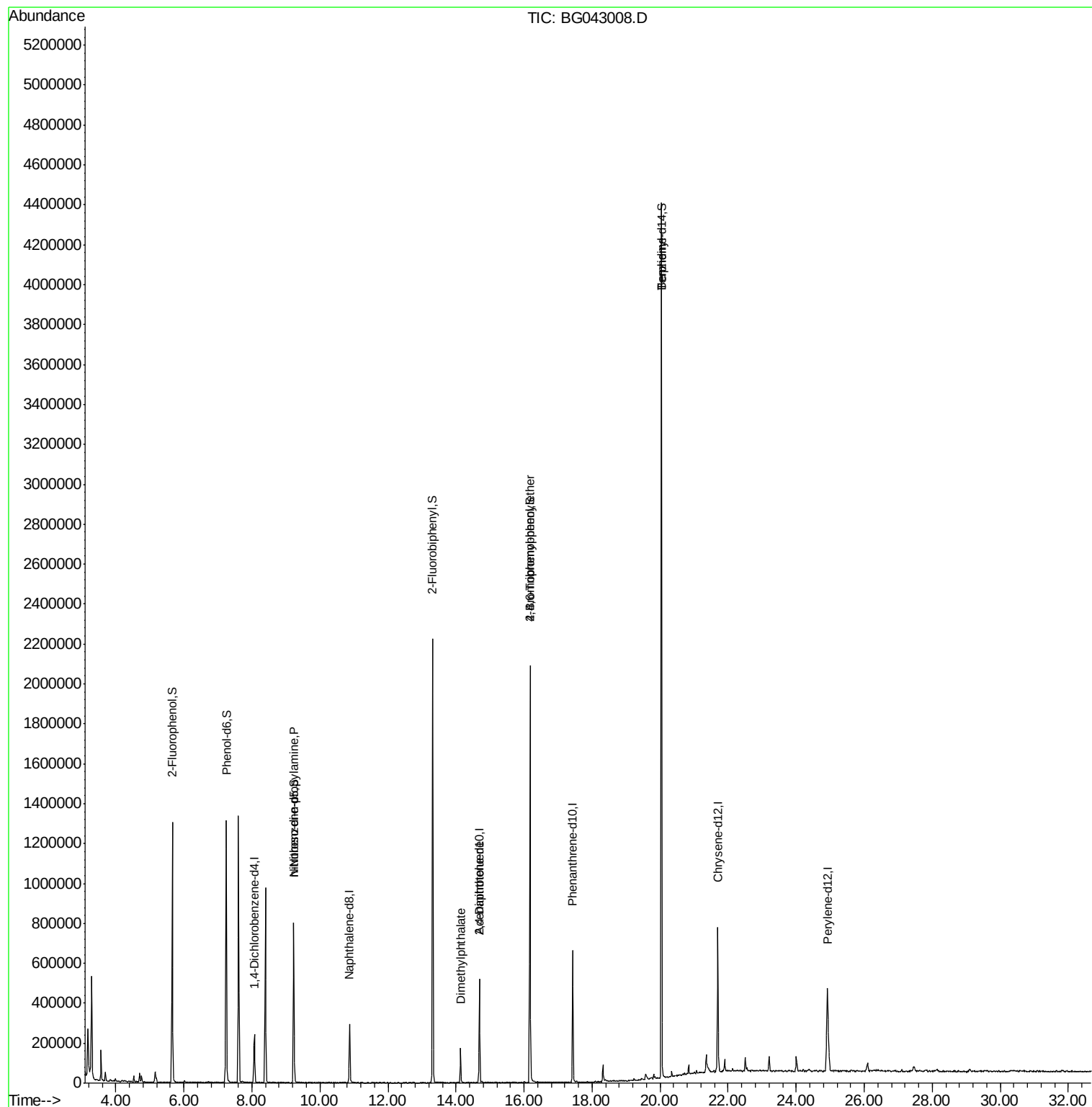
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	70257	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	259559	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	184767	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	427075	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	443661	20.00	ng	-0.02
87) Perylene-d12	24.92	264	512887	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	529870	134.59	ng	0.00
7) Phenol-d6	7.24	99	736720	129.95	ng	0.00
23) Nitrobenzene-d5	9.23	82	488471	91.47	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	443100	139.46	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1191911	93.52	ng	-0.01
79) Terphenyl-d14	20.04	244	2086285	100.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	69921	18.783	ng	# 71
50) Dimethylphthalate	14.13	163	114102	8.242	ng	# 96
57) 2,4-Dinitrotoluene	14.69	165	24937	5.776	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	30222	5.638	ng	# 1
77) Benzidine	20.04	184	34893	3.141	ng	# 95

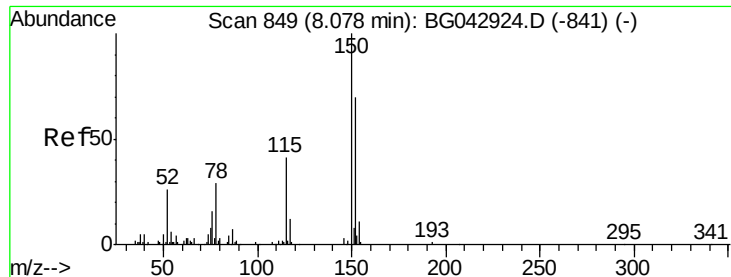
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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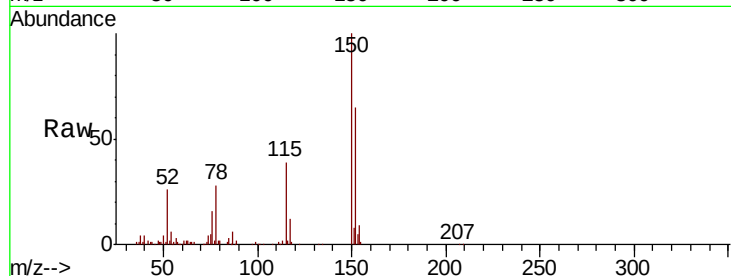


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043008.D
Acq: 3 Oct 2019 6:37

Instrument :
BNA_G
ClientSampleId :
JC-02-093019-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	115.0	172.4
115	59.9	47.0	70.6

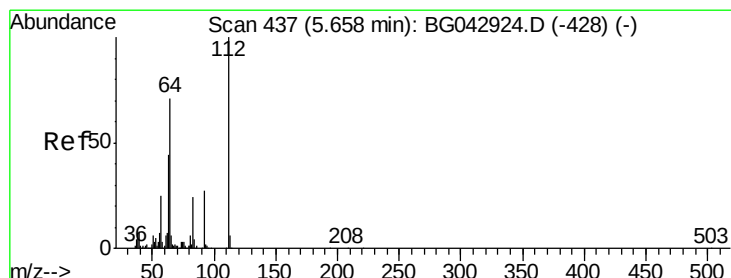
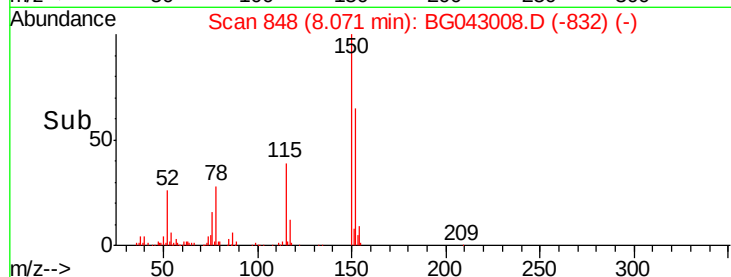
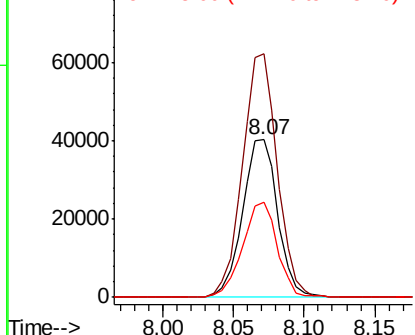


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

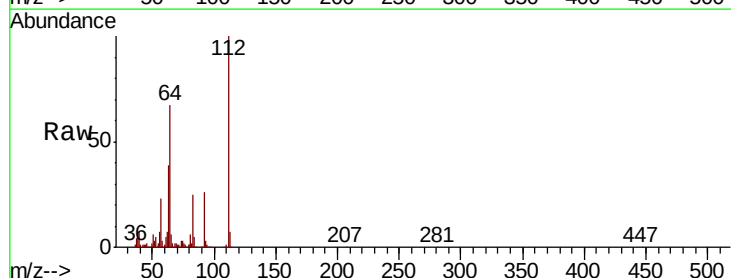
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.594 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG043008.D
Acq: 3 Oct 2019 6:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	56.6	84.8
63	39.1	35.1	52.7

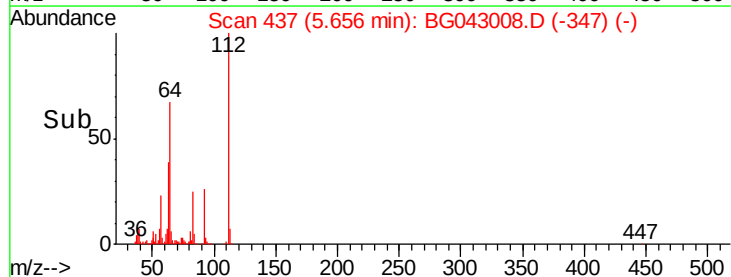
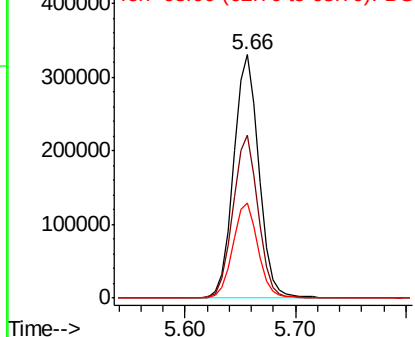


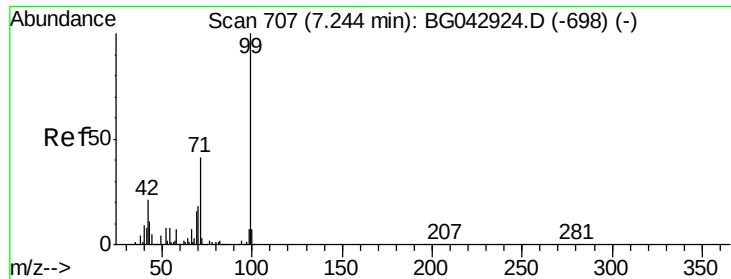
Abundance

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: 129.951 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043008.D

Acq: 3 Oct 2019 6:37

Instrument :

BNA_G

ClientSampleId :

JC-02-093019-A

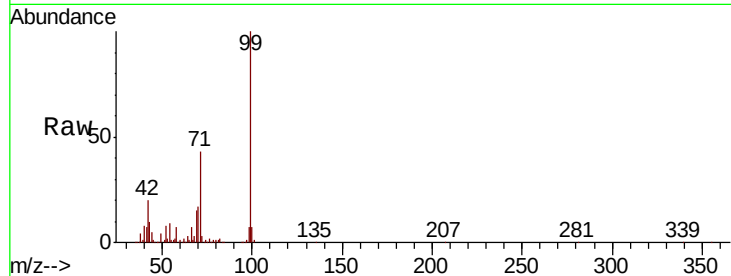
Tot Ion: 99 Resp: 736720

Ion Ratio Lower Upper

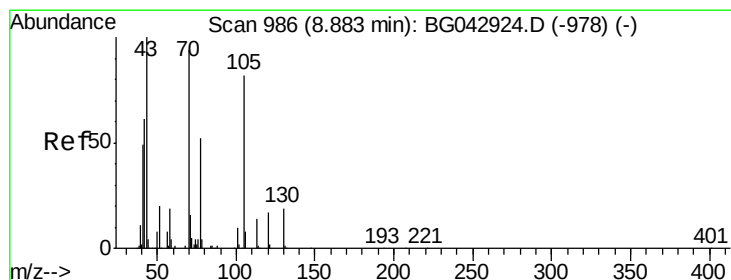
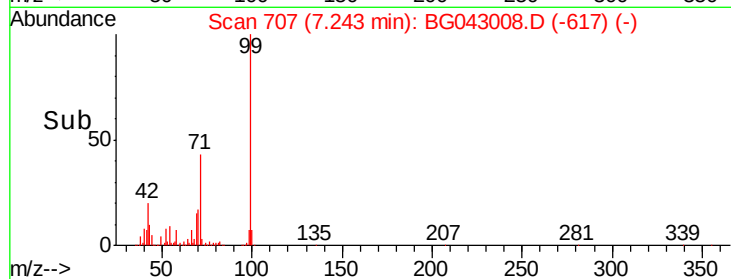
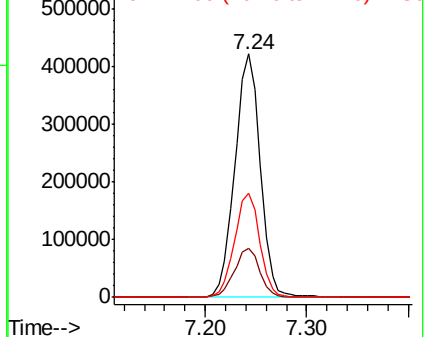
99 100

42 20.2 17.2 25.8

71 42.7 33.1 49.7



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: 18.783 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG043008.D

Acq: 3 Oct 2019 6:37

Tgt Ion: 70 Resp: 69921

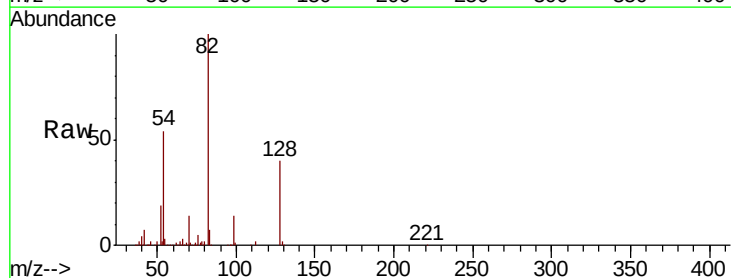
Ion Ratio Lower Upper

70 100

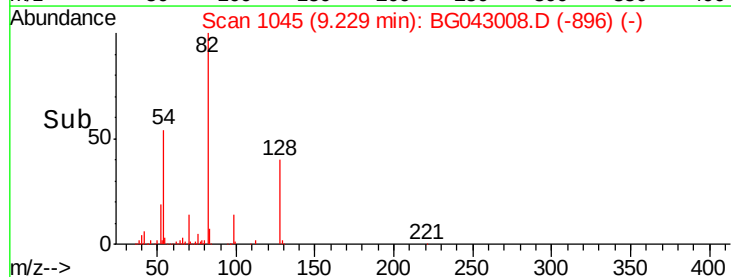
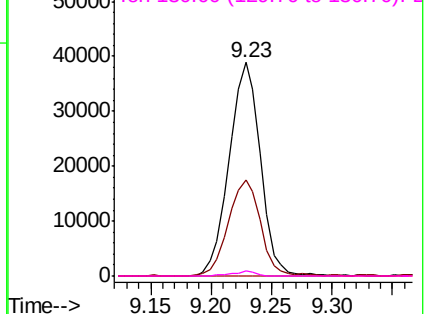
42 45.0 52.6 79.0#

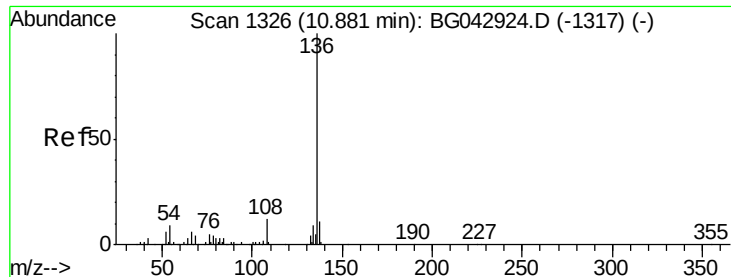
101 0.0 8.7 13.1#

130 2.3 15.8 23.8#



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

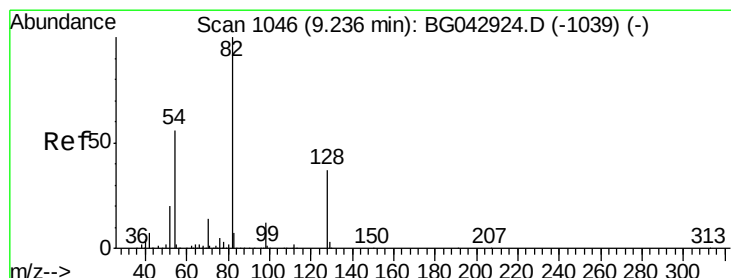
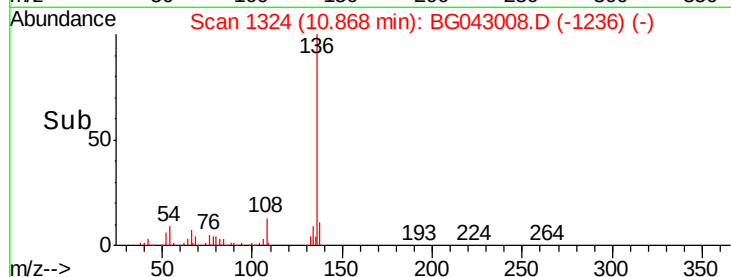
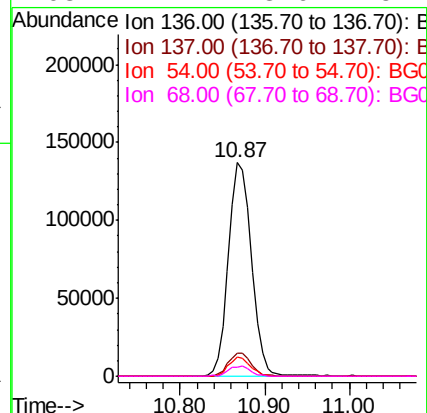
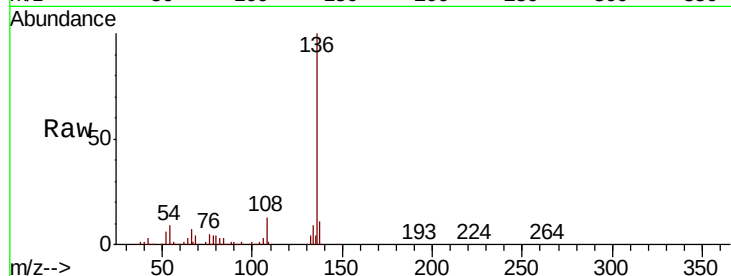




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043008.D
Acq: 3 Oct 2019 6:37

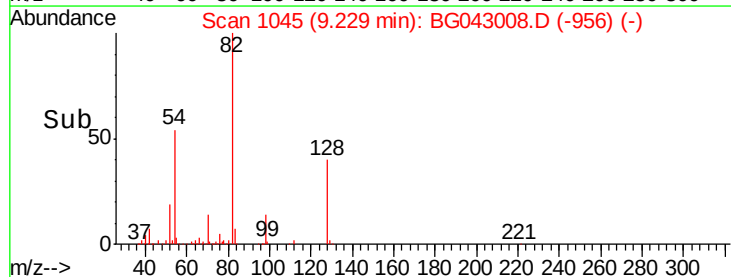
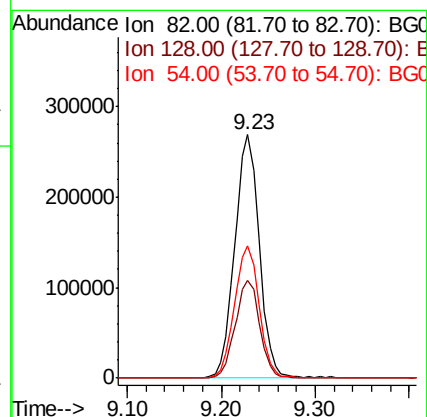
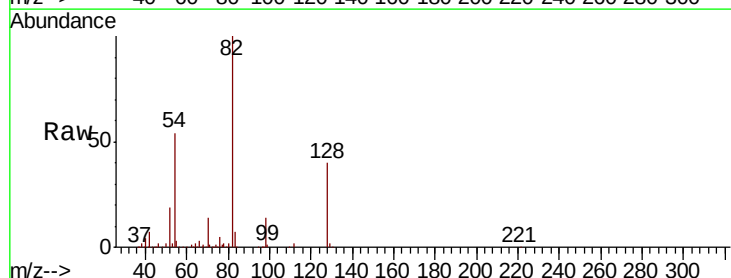
Instrument :
BNA_G
ClientSampleId :
JC-02-093019-A

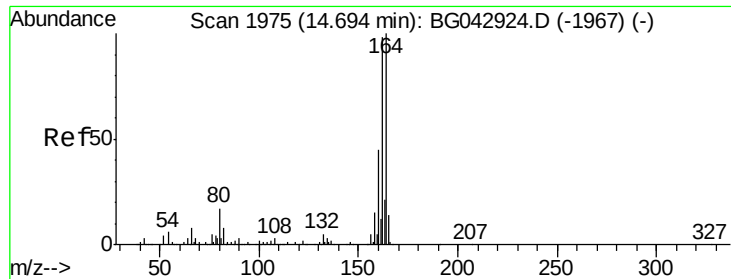
Tot Ion:136	Resp:	259559
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	9.2	7.4 11.2
68	4.4	3.6 5.4



#23
Nitrobenzene-d5
Concen: 91.471 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043008.D
Acq: 3 Oct 2019 6:37

Tgt Ion: 82	Resp:	488471
Ion Ratio	Lower	Upper
82	100	
128	40.0	29.5 44.3
54	54.5	44.6 67.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043008.D

Acq: 3 Oct 2019 6:37

Instrument :

BNA_G

ClientSampleId :

JC-02-093019-A

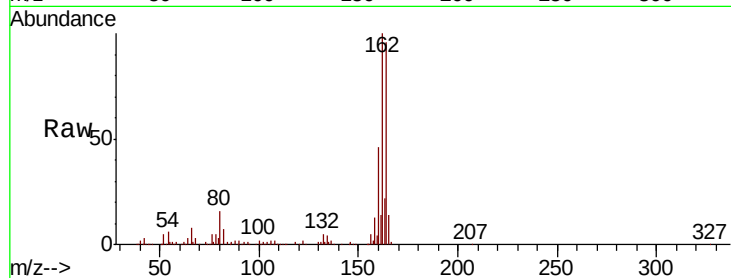
Tot Ion:164 Resp: 184767

Ion Ratio Lower Upper

164 100

162 103.7 78.5 117.7

160 48.0 35.9 53.9

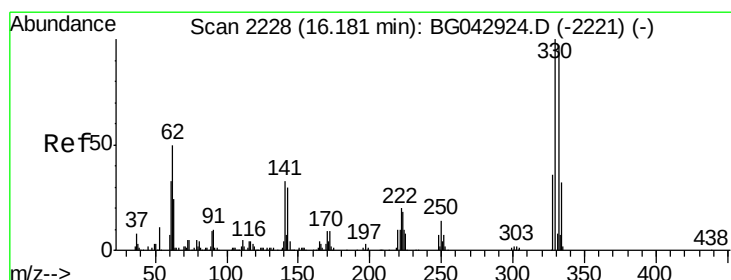
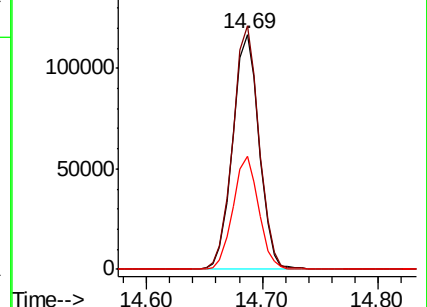
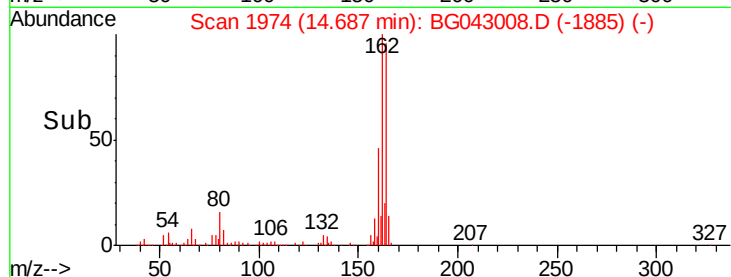


Abundance

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: 139.463 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043008.D

Acq: 3 Oct 2019 6:37

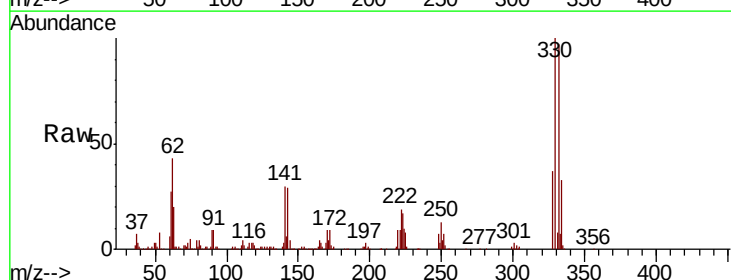
Tgt Ion:330 Resp: 443100

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.2

141 30.1 26.0 39.0

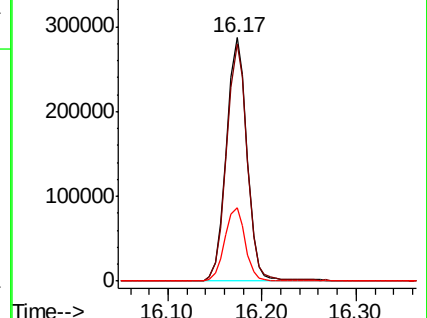
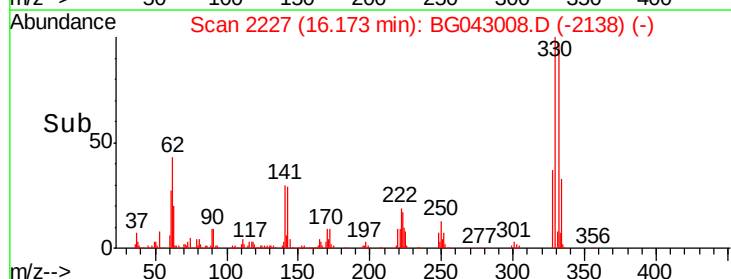


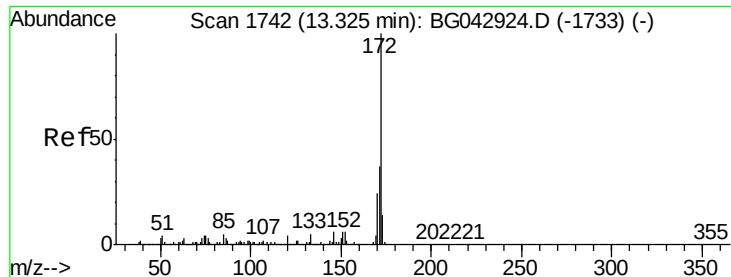
Abundance

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

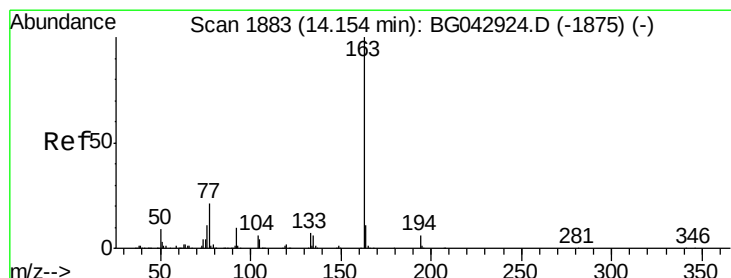
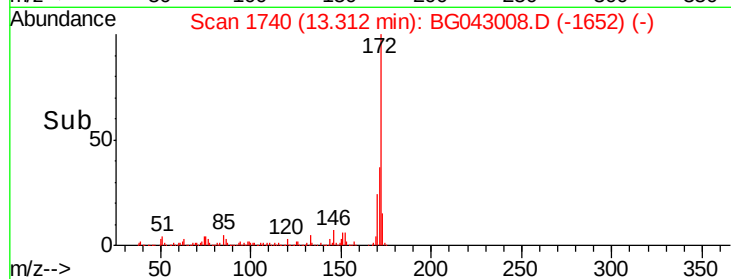
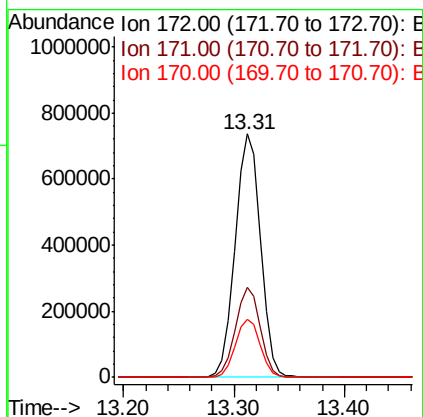
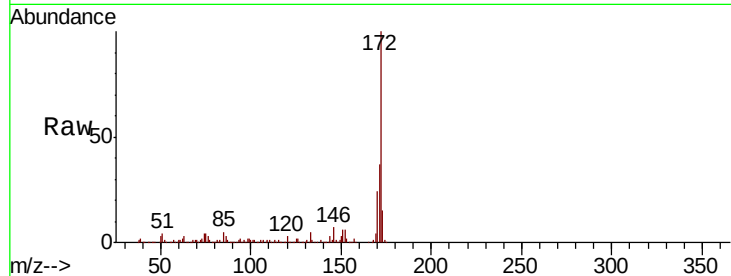




#45
2-Fluorobiphenyl
Concen: 93.518 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043008.D
Acq: 3 Oct 2019 6:37

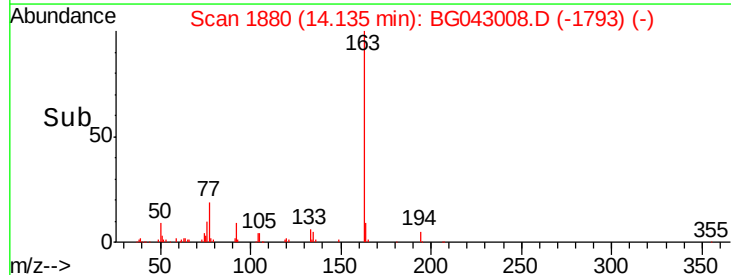
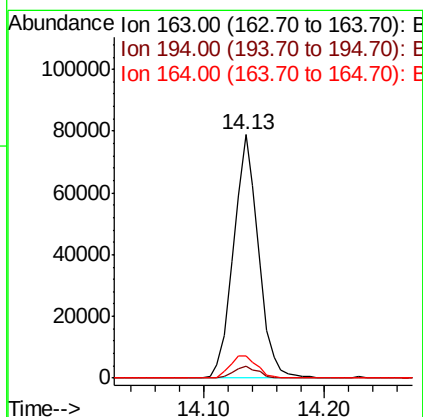
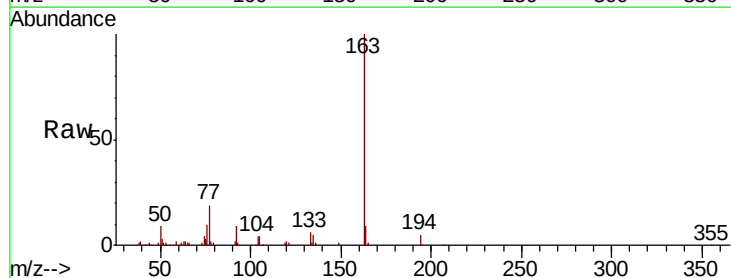
Instrument :
BNA_G
ClientSampleId :
JC-02-093019-A

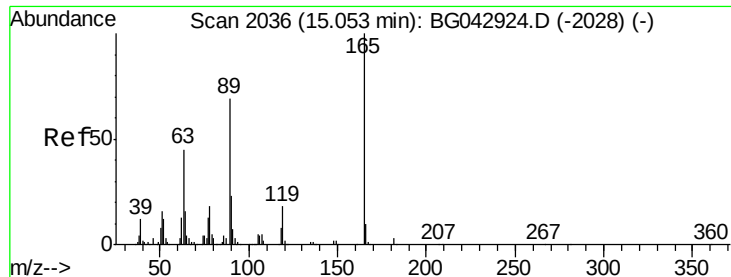
Tot Ion:172 Resp: 1191911
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 23.6 19.6 29.4



#50
Dimethylphthalate
Concen: 8.242 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043008.D
Acq: 3 Oct 2019 6:37

Tgt Ion:163 Resp: 114102
Ion Ratio Lower Upper
163 100
194 4.7 4.4 6.6
164 9.0 8.6 12.8

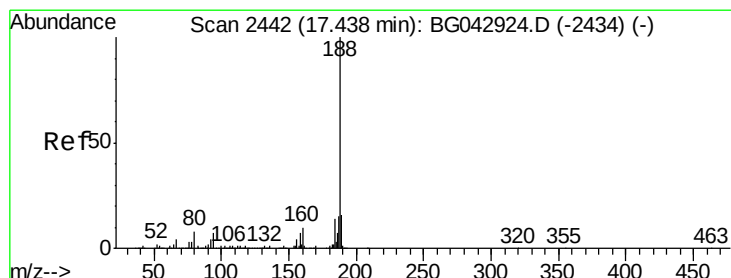
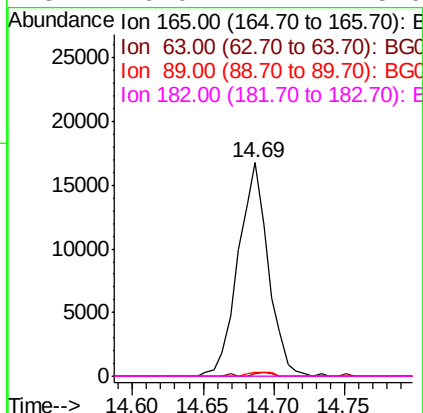
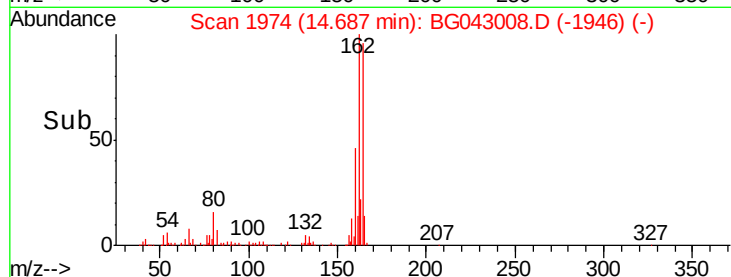
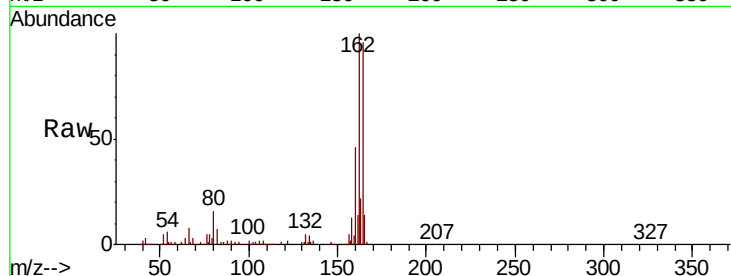




#57
 2,4-Dinitrotoluene
 Concen: 5.776 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.37 min
 Lab File: BG043008.D
 Acq: 3 Oct 2019 6:37

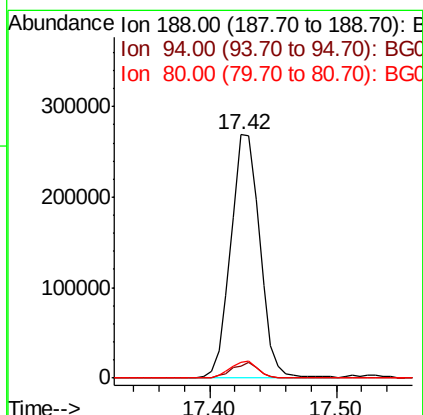
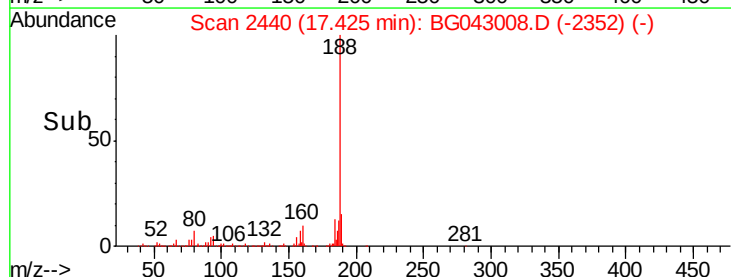
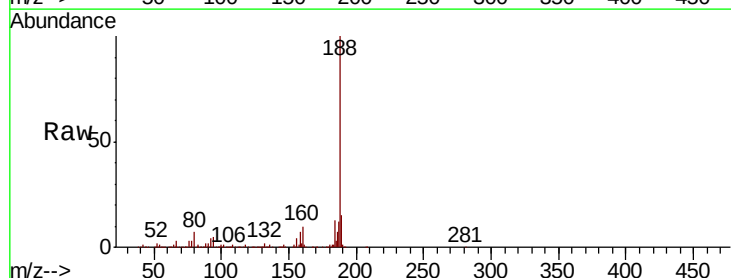
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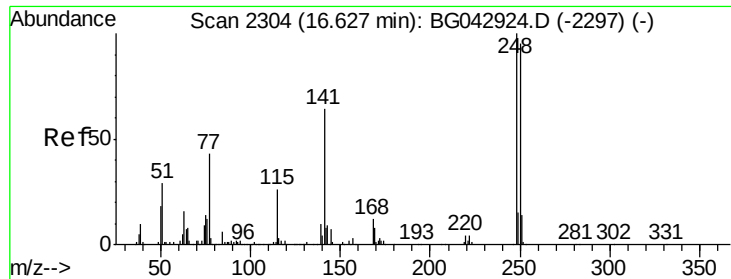
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.5	54.7#
89	1.7	55.5	83.3#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG043008.D
 Acq: 3 Oct 2019 6:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	5.7	8.5#
80	6.7	6.5	9.7

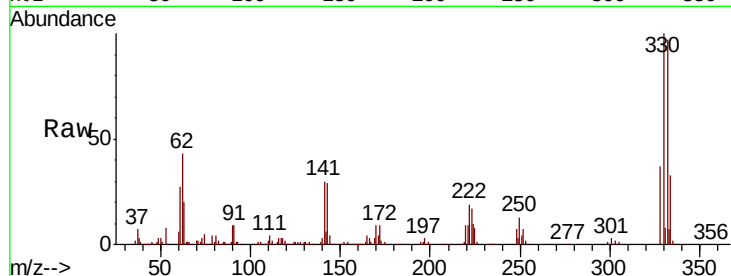




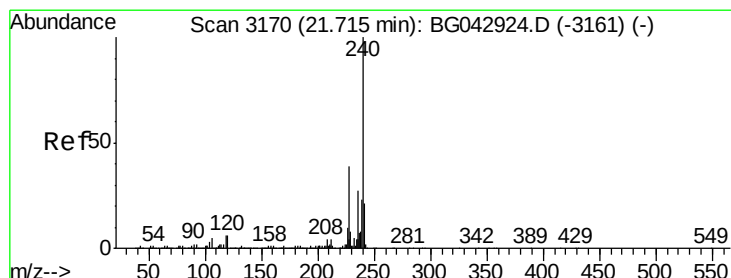
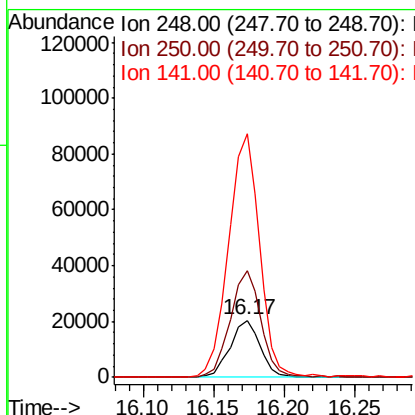
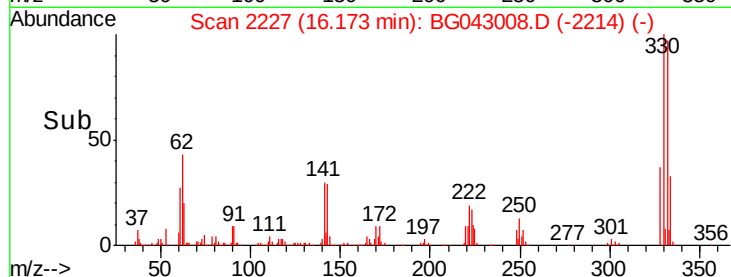
#67
 4-Bromophenyl-phenylether
 Concen: 5.638 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG043008.D
 Acq: 3 Oct 2019 6:37

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-093019-A

Tot Ion:248 Resp: 30222
 Ion Ratio Lower Upper
 248 100
 250 188.6 75.8 113.8#
 141 429.0 51.1 76.7#

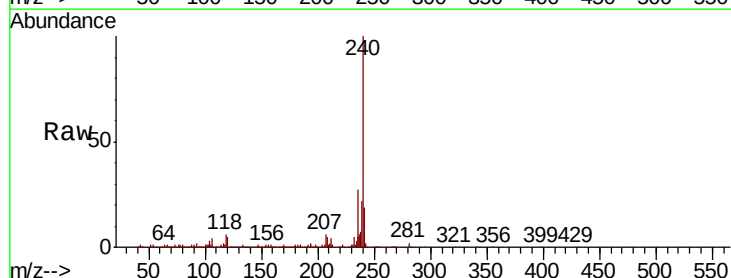


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

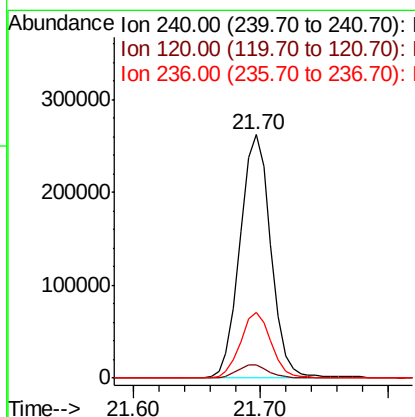
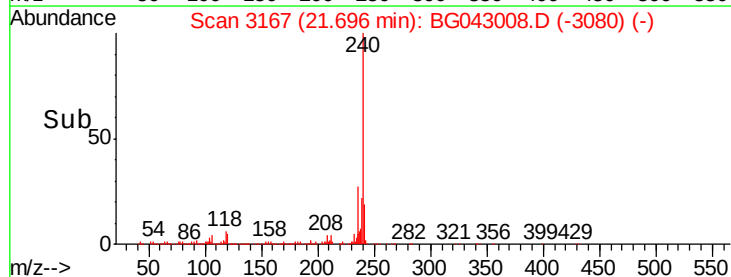


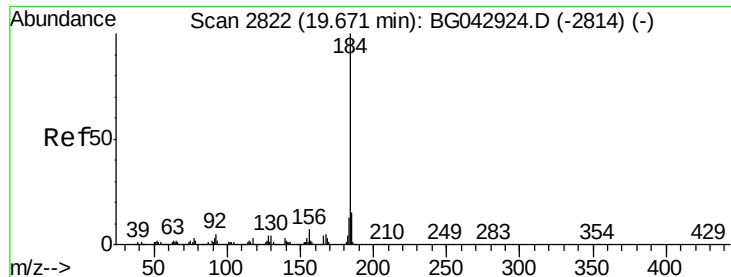
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG043008.D
 Acq: 3 Oct 2019 6:37

Tgt Ion:240 Resp: 443661
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.8 7.2
 236 27.0 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: 3.141 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.37 min

Lab File: BG043008.D

Acq: 3 Oct 2019 6:37

Instrument :

BNA_G

ClientSampleId :

JC-02-093019-A

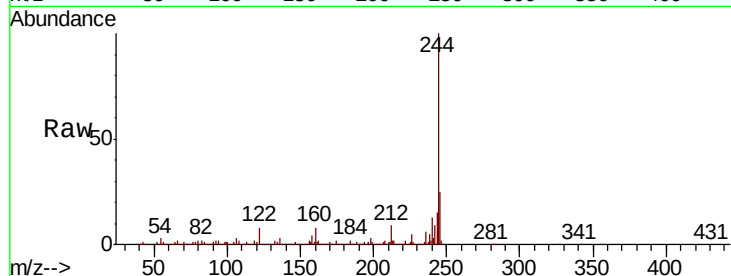
Tot Ion:184 Resp: 34893

Ion Ratio Lower Upper

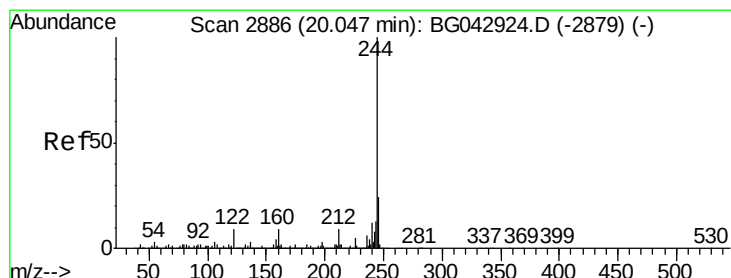
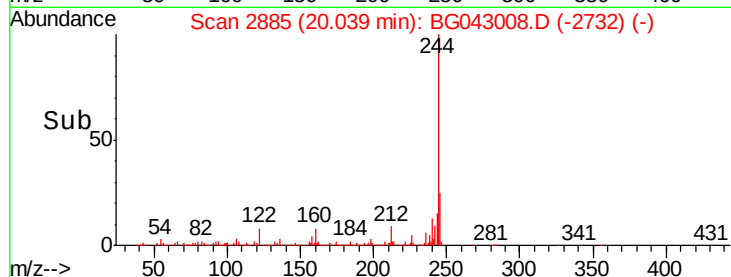
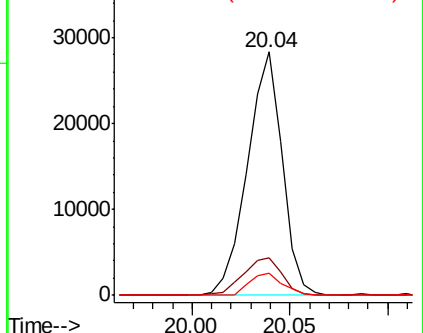
184 100

185 15.5 11.8 17.8

183 9.3 10.1 15.1#



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: 100.203 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043008.D

Acq: 3 Oct 2019 6:37

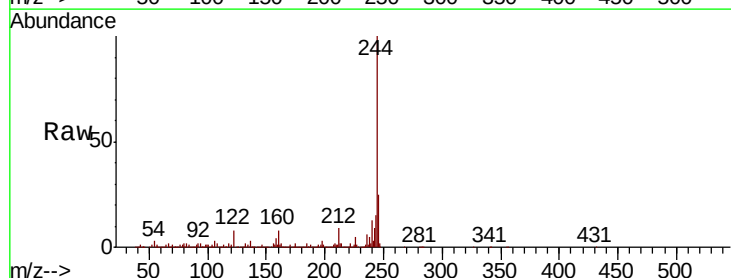
Tgt Ion:244 Resp: 2086285

Ion Ratio Lower Upper

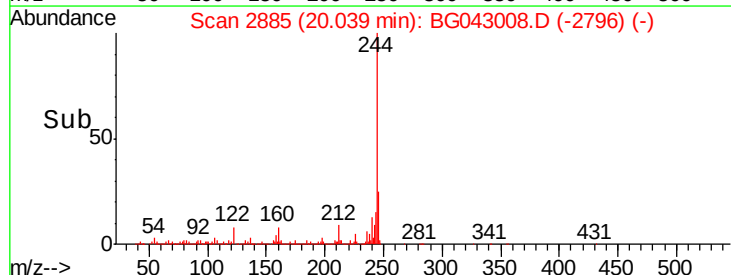
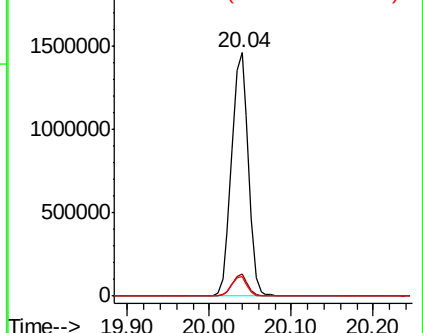
244 100

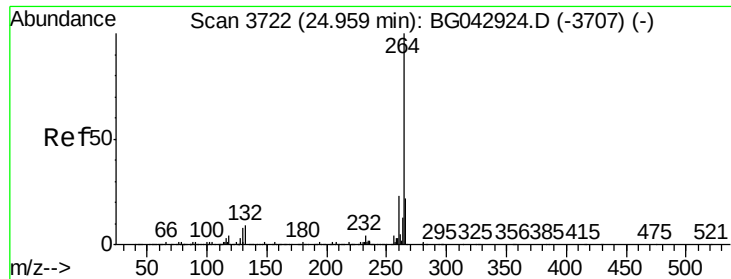
212 8.9 7.4 11.0

122 7.8 7.0 10.4



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
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG043008.D
Acq: 3 Oct 2019 6:37

Instrument :
BNA_G
ClientSampleId :
JC-02-093019-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.5	17.7	26.5

