

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042950.D
 Acq On : 30 Sep 2019 19:34
 Operator : JU
 Sample : K5083-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:11:25 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

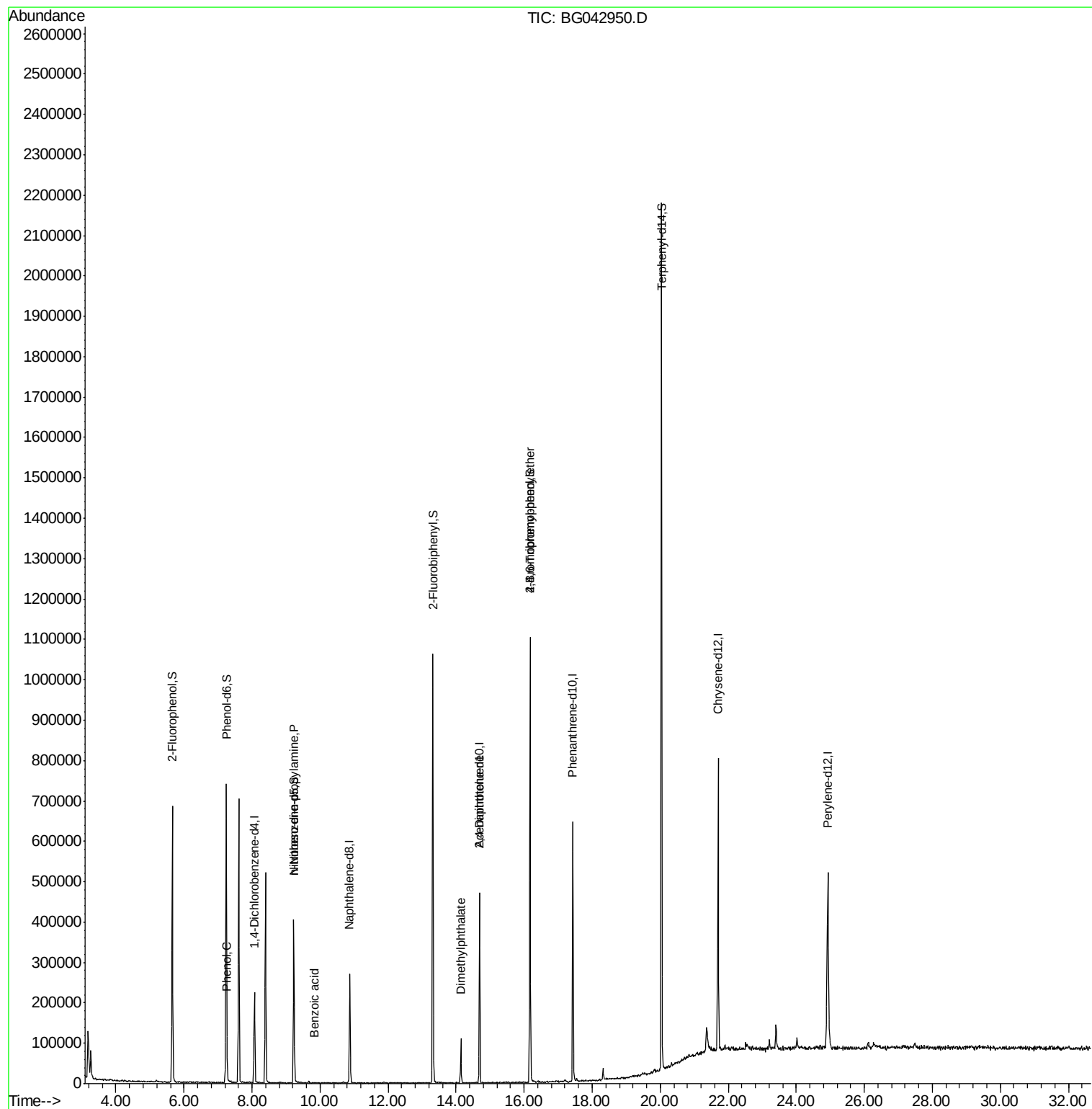
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64413	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	233089	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	170313	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	400043	20.00	ng	0.00
76) Chrysene-d12	21.70	240	441893	20.00	ng	-0.01
87) Perylene-d12	24.93	264	505329	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	278284	77.10	ng	0.00
7) Phenol-d6	7.24	99	406664	78.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	252023	52.55	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	219585	74.98	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	572274	48.71	ng	0.00
79) Terphenyl-d14	20.04	244	1044315	50.36	ng	0.00
Target Compounds						
10) Phenol	7.27	94	12527	2.627	ng	# 78
19) n-Nitroso-di-n-propylamine	9.23	70	35026	10.263	ng	# 75
32) Benzoic acid	9.83	122	59	2.826	ng	# 1
50) Dimethylphthalate	14.14	163	76461	5.992	ng	# 95
57) 2,4-Dinitrotoluene	14.69	165	23663	5.946	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	13623	2.713	ng	# 1

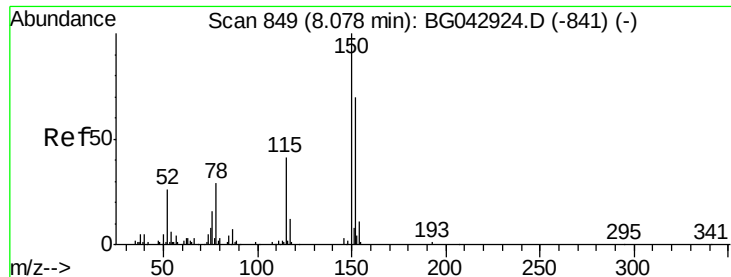
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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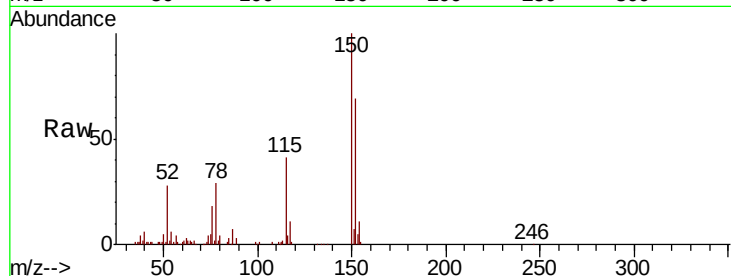


#1

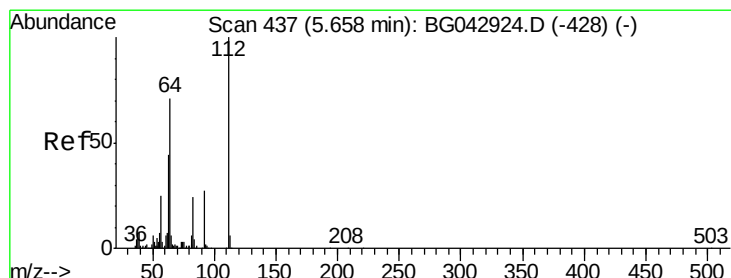
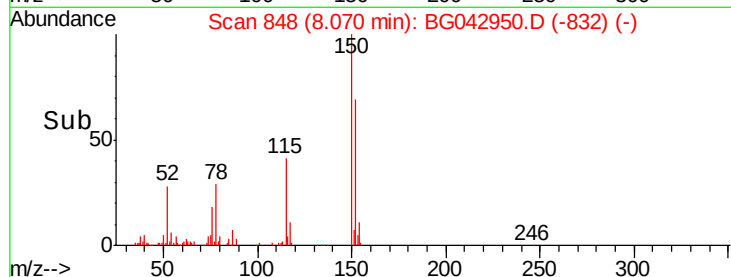
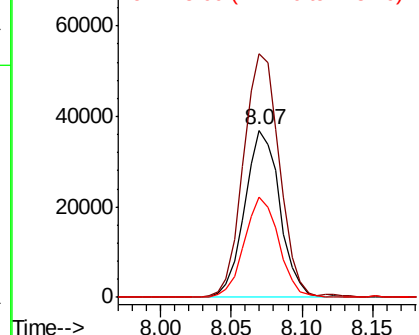
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	64413
Ion Ratio	Lower	Upper	
152	100		
150	145.5	115.0	172.4
115	59.6	47.0	70.6



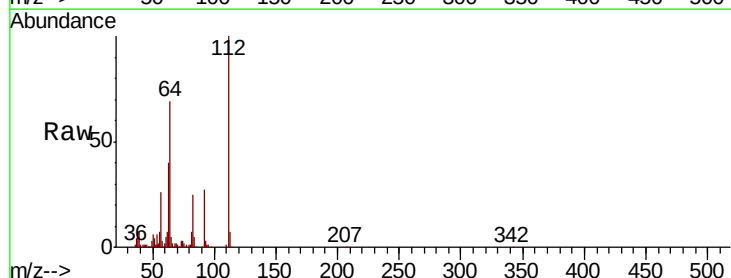
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



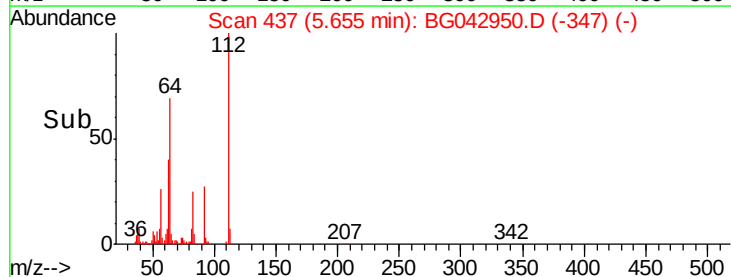
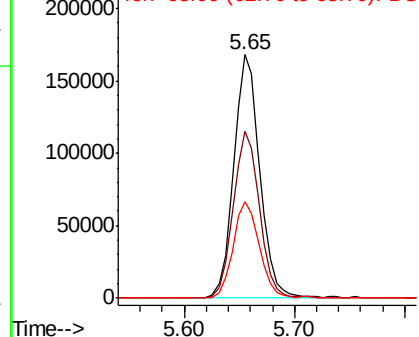
#5

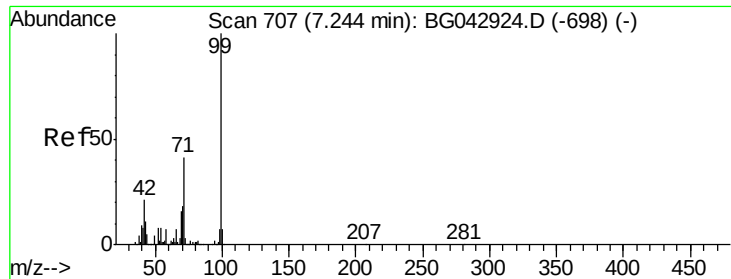
2-Fluorophenol
Concen: 77.101 ng
RT: 5.65 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Tgt Ion	112	Resp	278284
Ion Ratio	Lower	Upper	
112	100		
64	68.8	56.6	84.8
63	39.7	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: 78.240 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

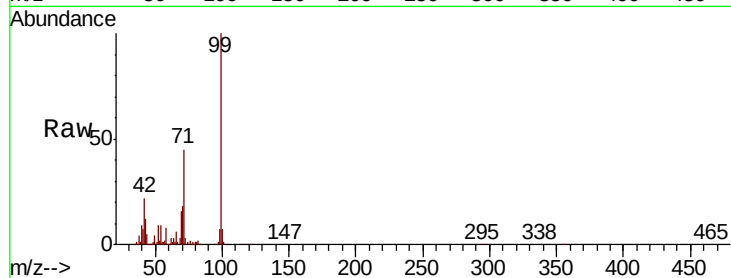
Tot Ion: 99 Resp: 406664

Ion Ratio Lower Upper

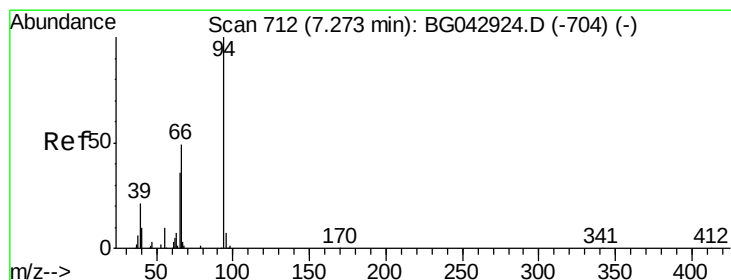
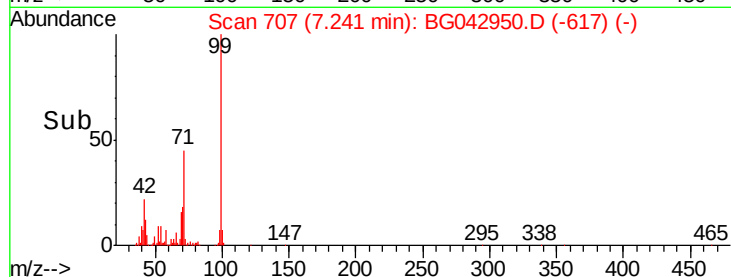
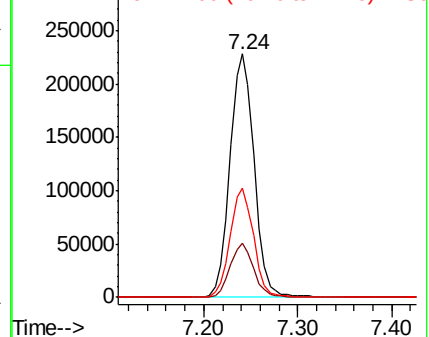
99 100

42 22.4 17.2 25.8

71 44.6 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



#10

Phenol

Concen: 2.627 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

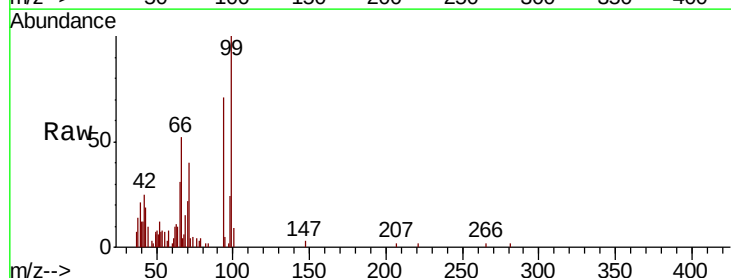
Tgt Ion: 94 Resp: 12527

Ion Ratio Lower Upper

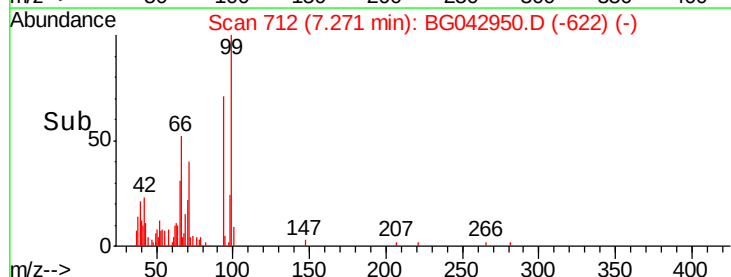
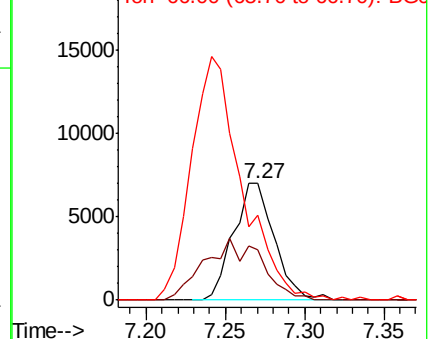
94 100

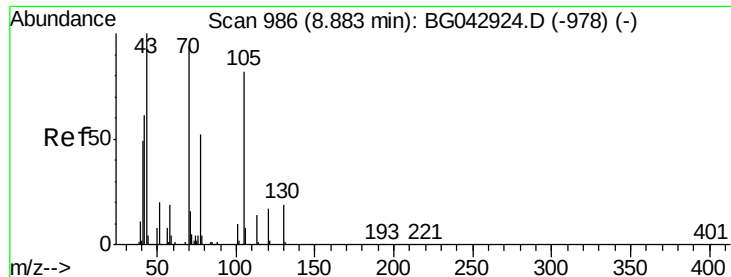
65 43.6 16.6 56.6

66 73.4 32.4 72.4#



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

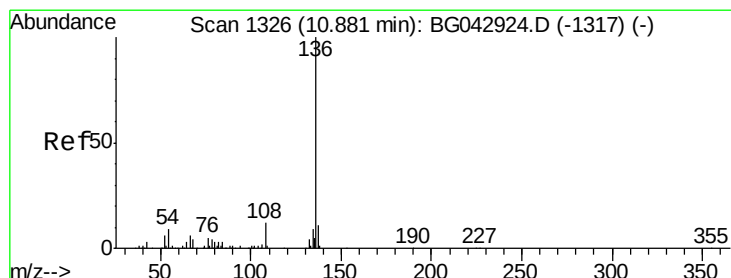
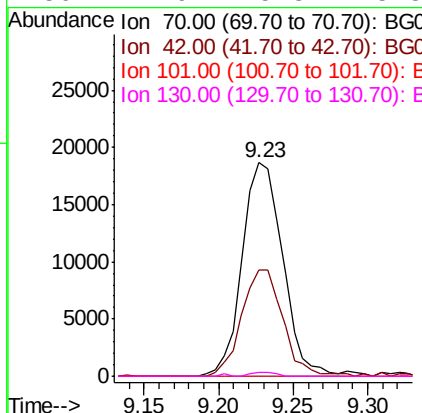
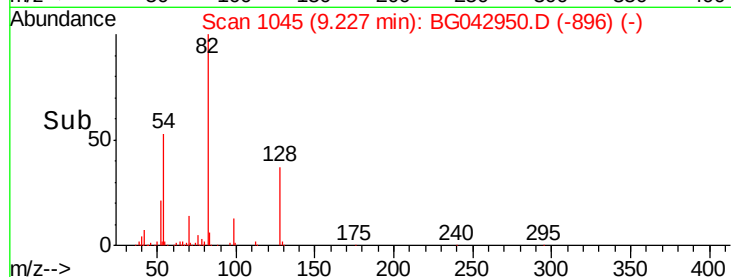
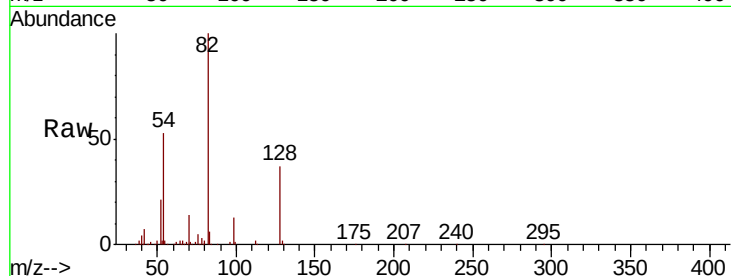




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.263 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.34 min
 Lab File: BG042950.D
 Acq: 30 Sep 2019 19:34

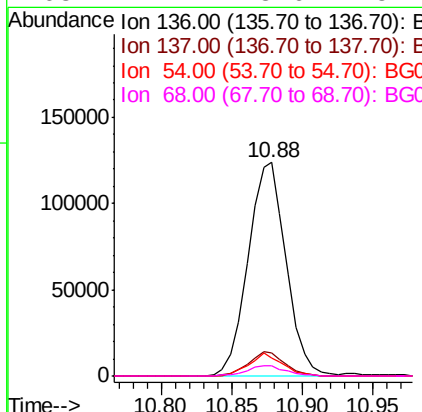
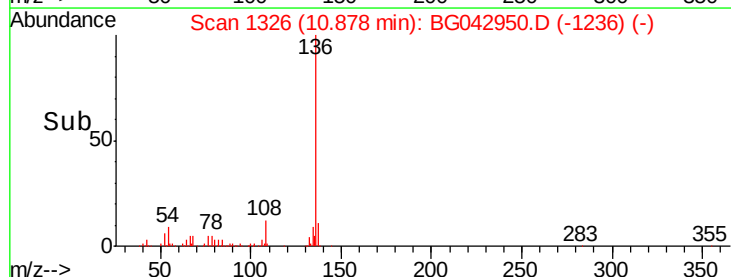
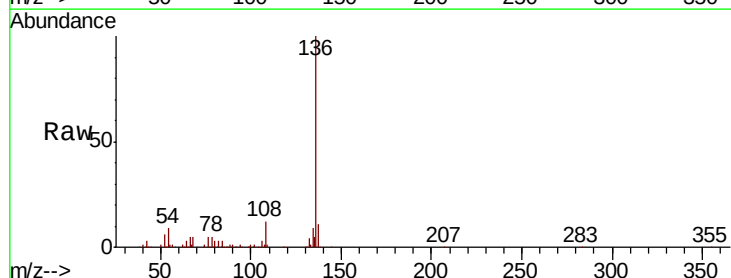
Instrument :
 BNA_G
 ClientSampleId :

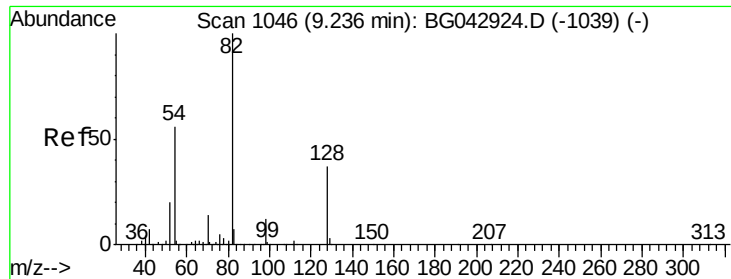
Tot Ion: 70 Resp: 35026
 Ion Ratio Lower Upper
 70 100
 42 49.5 52.6 79.0#
 101 0.0 8.7 13.1#
 130 1.9 15.8 23.8#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.88 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BG042950.D
 Acq: 30 Sep 2019 19:34

Tgt Ion: 136 Resp: 233089
 Ion Ratio Lower Upper
 136 100
 137 10.7 8.5 12.7
 54 8.7 7.4 11.2
 68 4.7 3.6 5.4





#23

Nitrobenzene-d5

Concen: 52.553 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

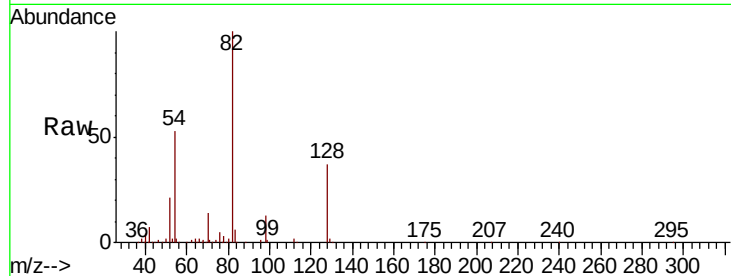
Tot Ion: 82 Resp: 252023

Ion Ratio Lower Upper

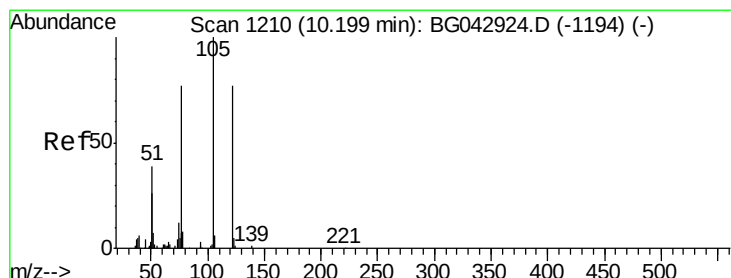
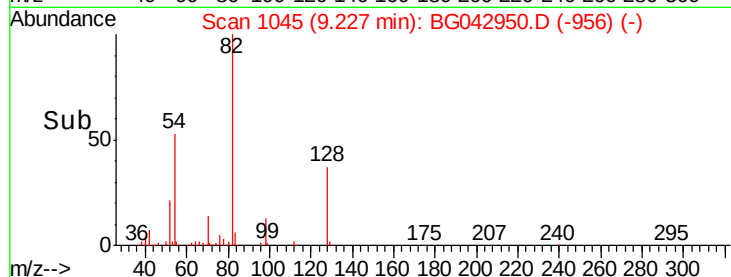
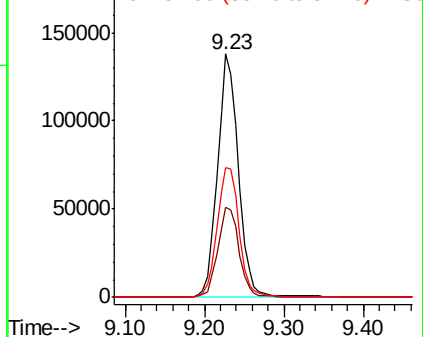
82 100

128 36.9 29.5 44.3

54 53.2 44.6 67.0



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



#32

Benzoic acid

Concen: 2.826 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.37 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

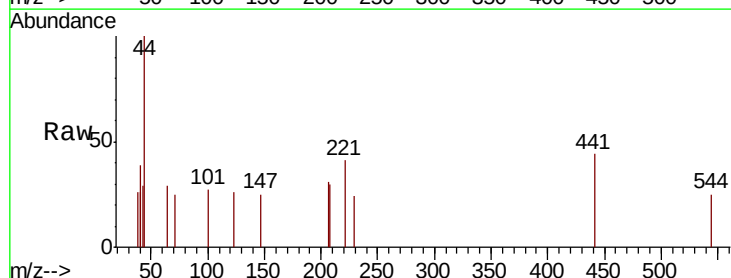
Tgt Ion: 122 Resp: 59

Ion Ratio Lower Upper

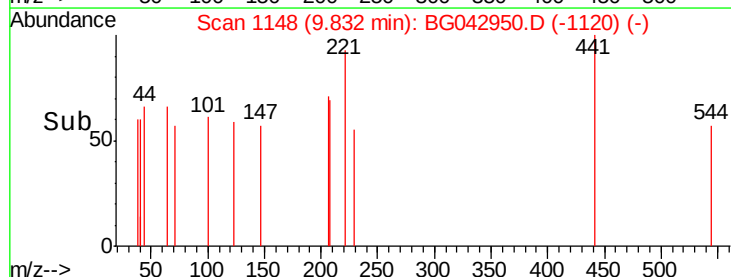
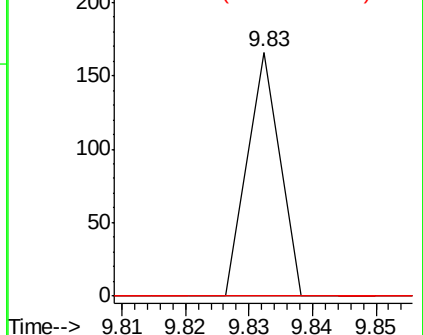
122 100

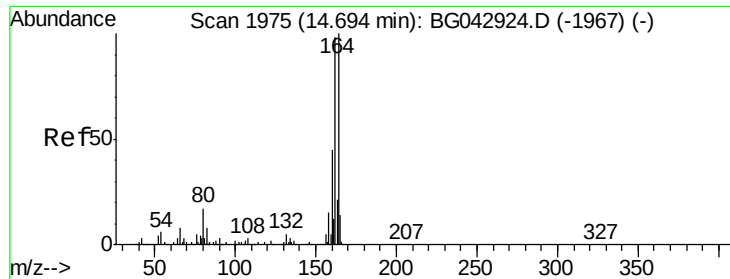
105 0.0 107.5 147.5#

77 0.0 79.8 119.8#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

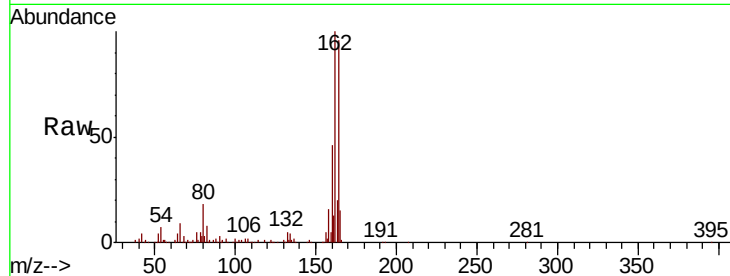
Tot Ion:164 Resp: 170313

Ion Ratio Lower Upper

164 100

162 104.1 78.5 117.7

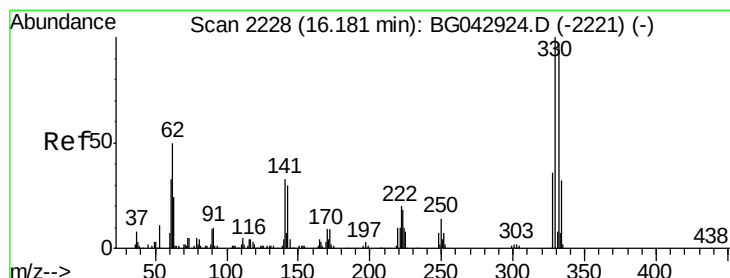
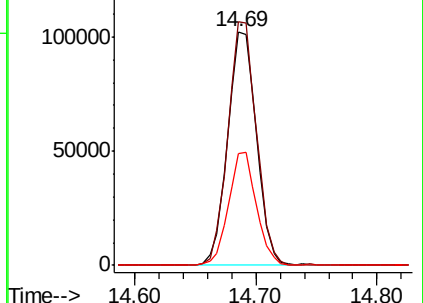
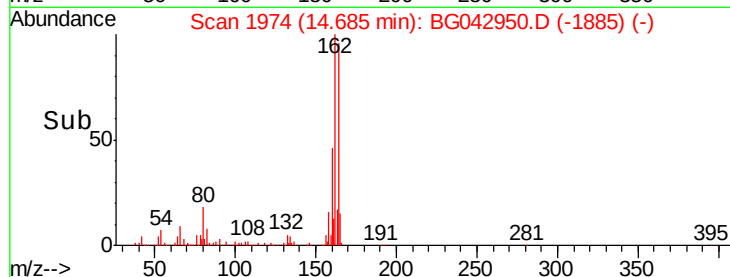
160 47.7 35.9 53.9



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: 74.979 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

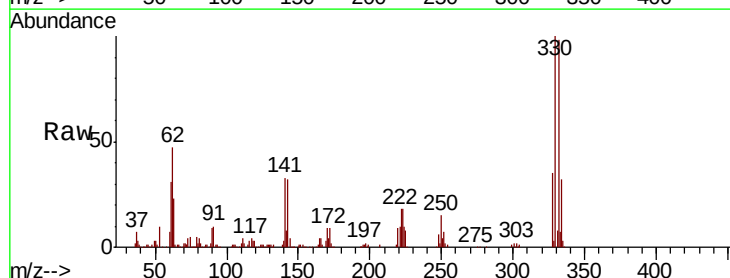
Tgt Ion:330 Resp: 219585

Ion Ratio Lower Upper

330 100

332 95.3 78.2 117.2

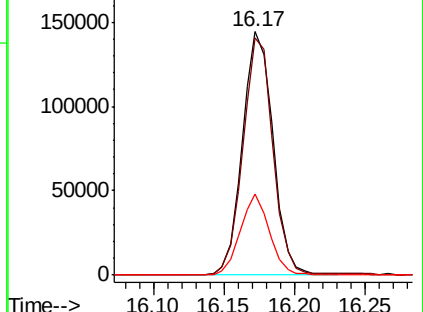
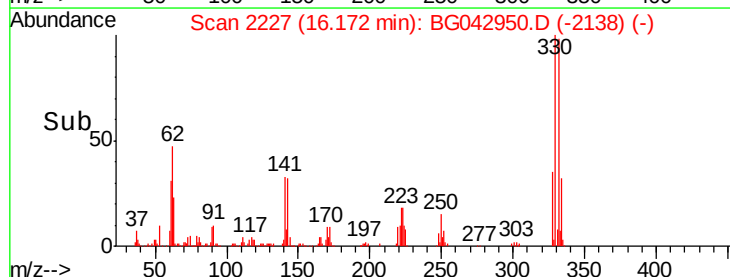
141 31.4 26.0 39.0

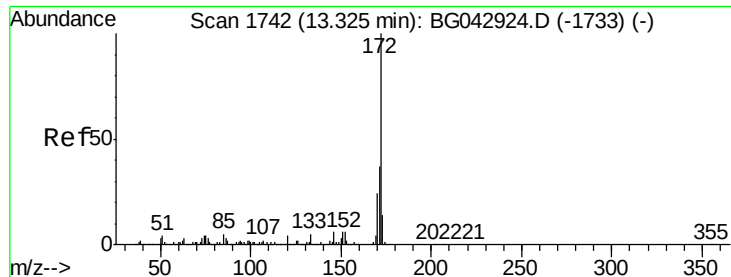


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

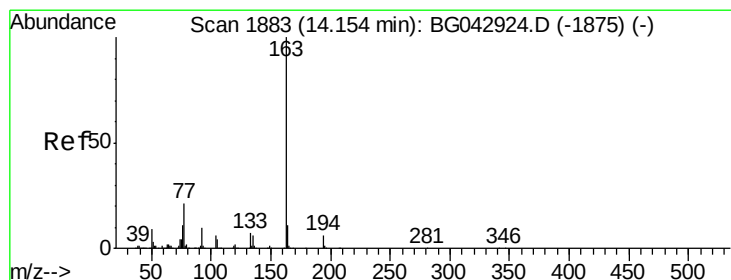
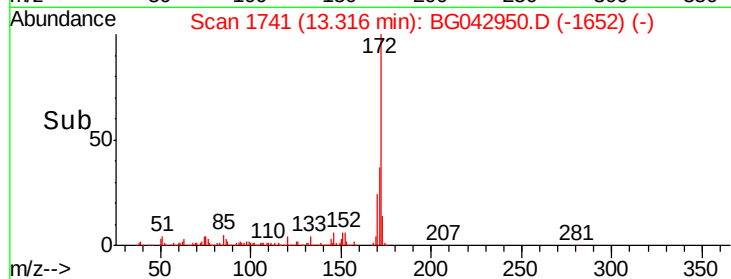
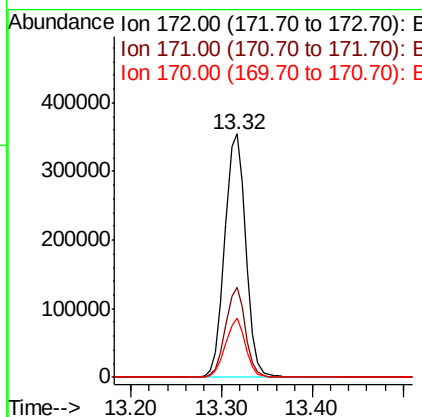
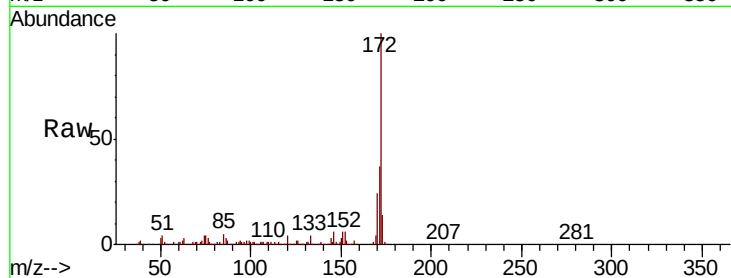




#45
2-Fluorobiphenyl
Concen: 48.712 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

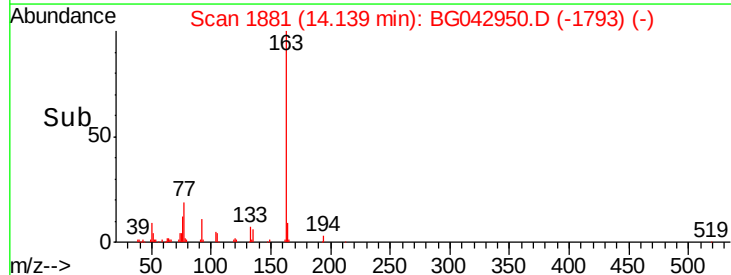
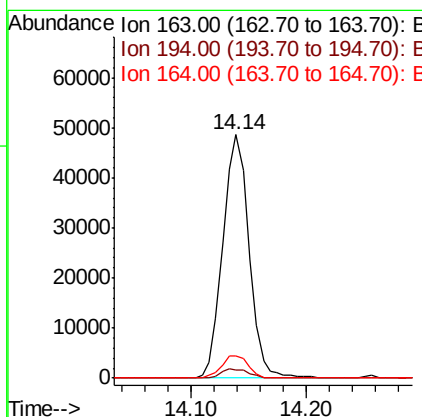
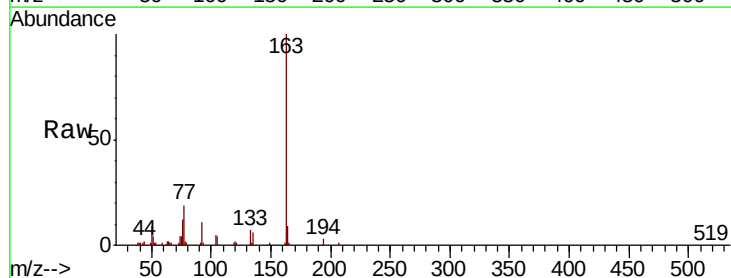
Instrument :
BNA_G
ClientSampleId :

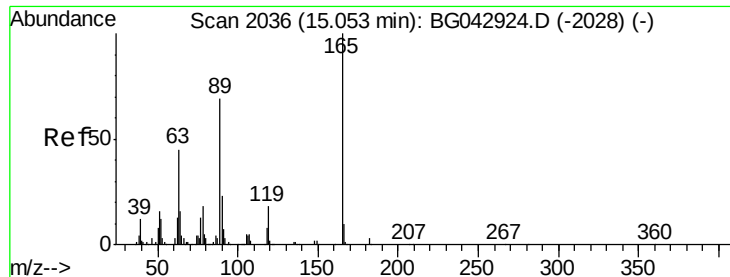
Tot Ion:172 Resp: 572274
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.2 19.6 29.4



#50
Dimethylphthalate
Concen: 5.992 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042950.D
Acq: 30 Sep 2019 19:34

Tgt Ion:163 Resp: 76461
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 9.3 8.6 12.8

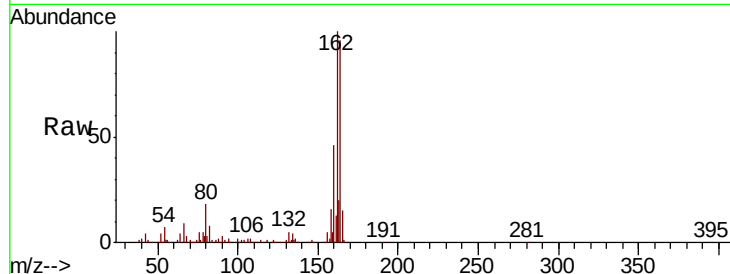




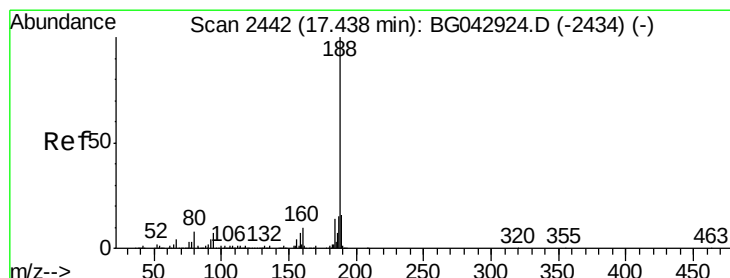
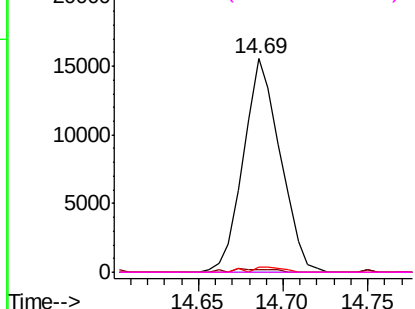
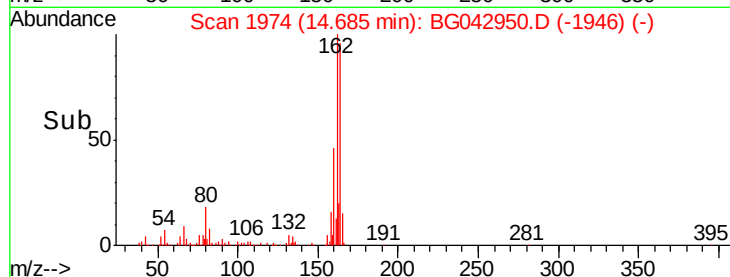
#57
 2,4-Dinitrotoluene
 Concen: 5.946 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.37 min
 Lab File: BG042950.D
 Acq: 30 Sep 2019 19:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.5	54.7#
89	2.4	55.5	83.3#
182	0.0	2.4	3.6#

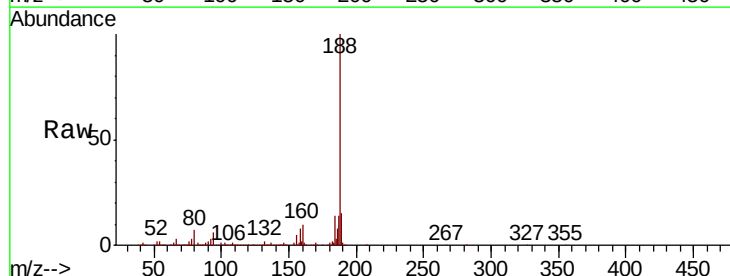


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

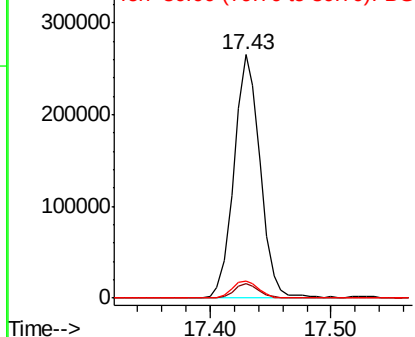
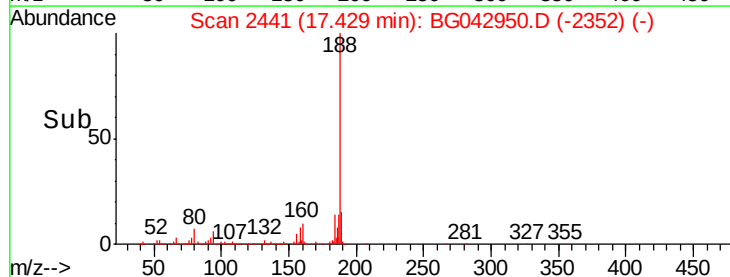


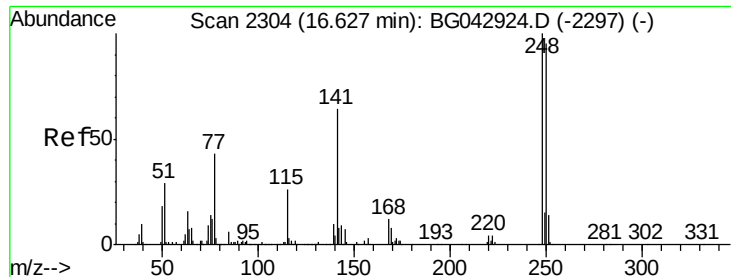
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG042950.D
 Acq: 30 Sep 2019 19:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.2	6.5	9.7



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: 2.713 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.46 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Instrument :

BNA_G

ClientSampleId :

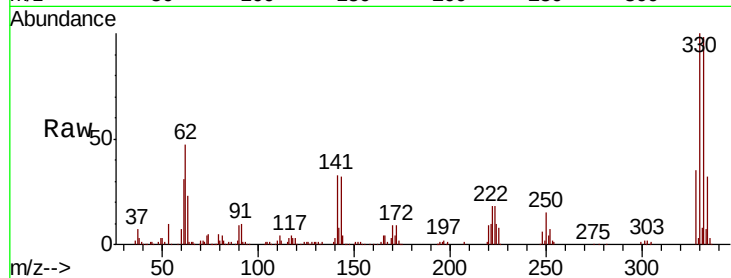
Tot Ion:248 Resp: 13623

Ion Ratio Lower Upper

248 100

250 260.5 75.8 113.8#

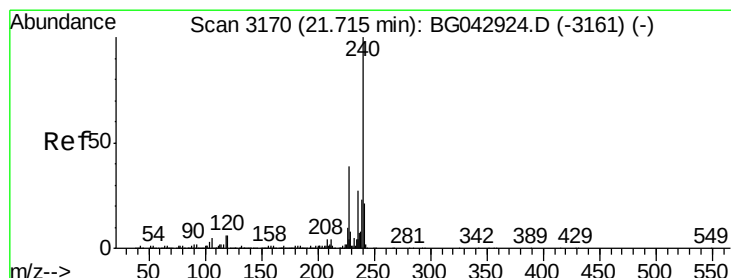
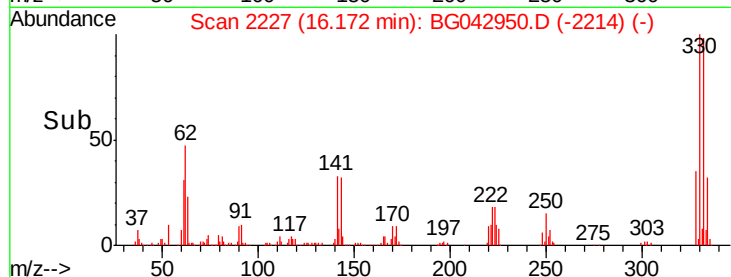
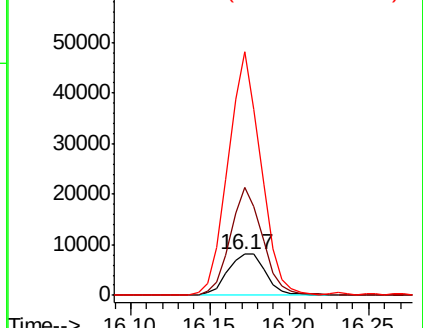
141 590.9 51.1 76.7#



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# 3168

Delta R.T. -0.01 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

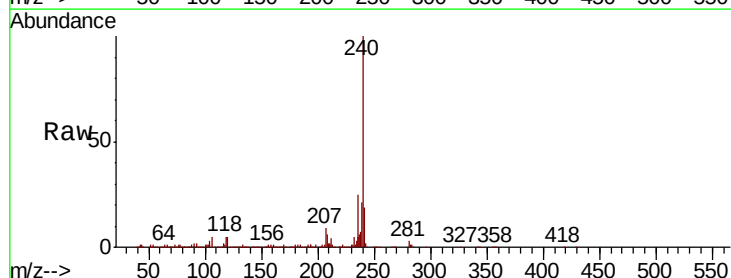
Tgt Ion:240 Resp: 441893

Ion Ratio Lower Upper

240 100

120 5.4 4.8 7.2

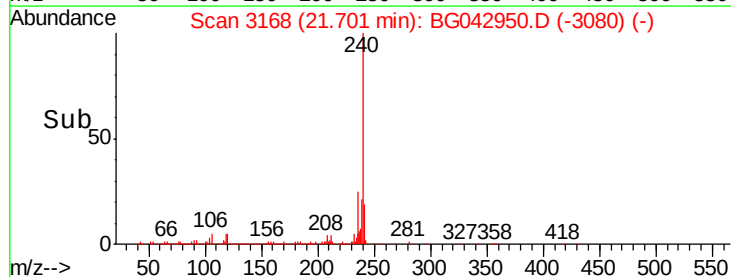
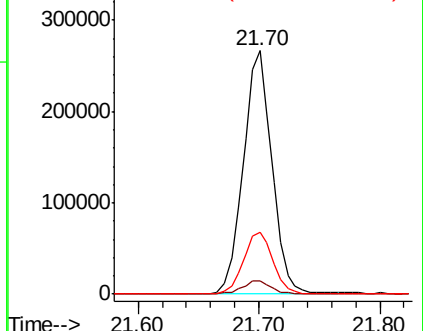
236 25.4 21.4 32.0

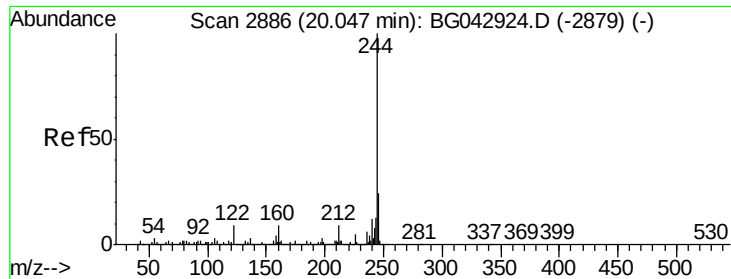


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 50.359 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

Instrument :

BNA_G

ClientSampled :

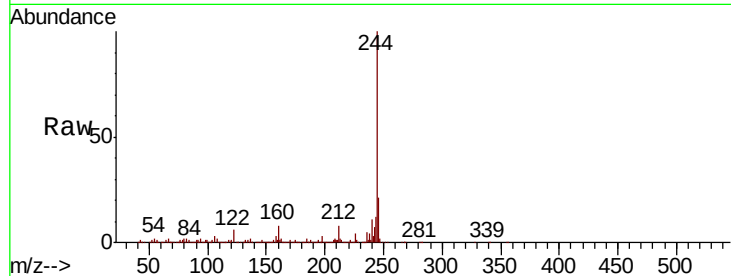
Tot Ion:244 Resp: 1044315

Ion Ratio Lower Upper

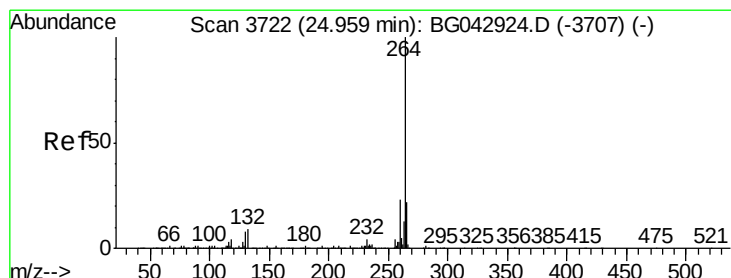
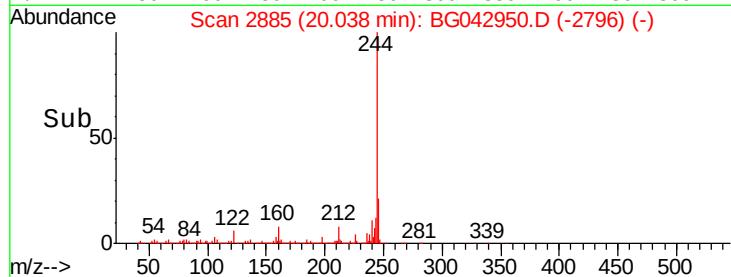
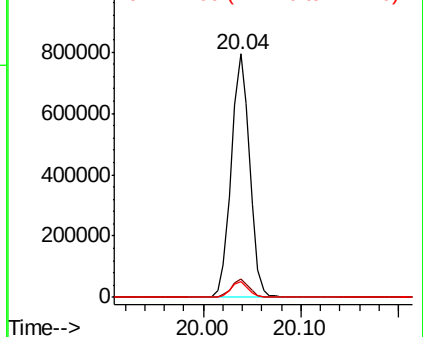
244 100

212 7.6 7.4 11.0

122 6.4 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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042950.D

Acq: 30 Sep 2019 19:34

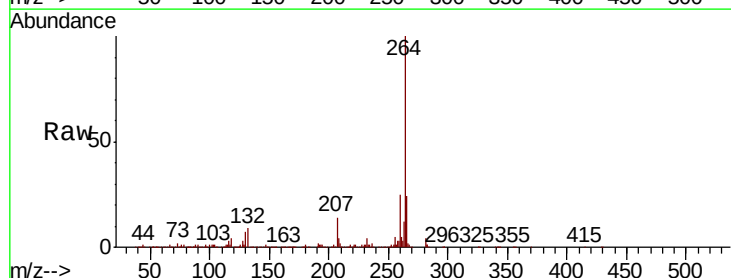
Tgt Ion:264 Resp: 505329

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

265 24.1 17.7 26.5



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

