

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042945.D
 Acq On : 30 Sep 2019 16:22
 Operator : JU
 Sample : K5083-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:10:48 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

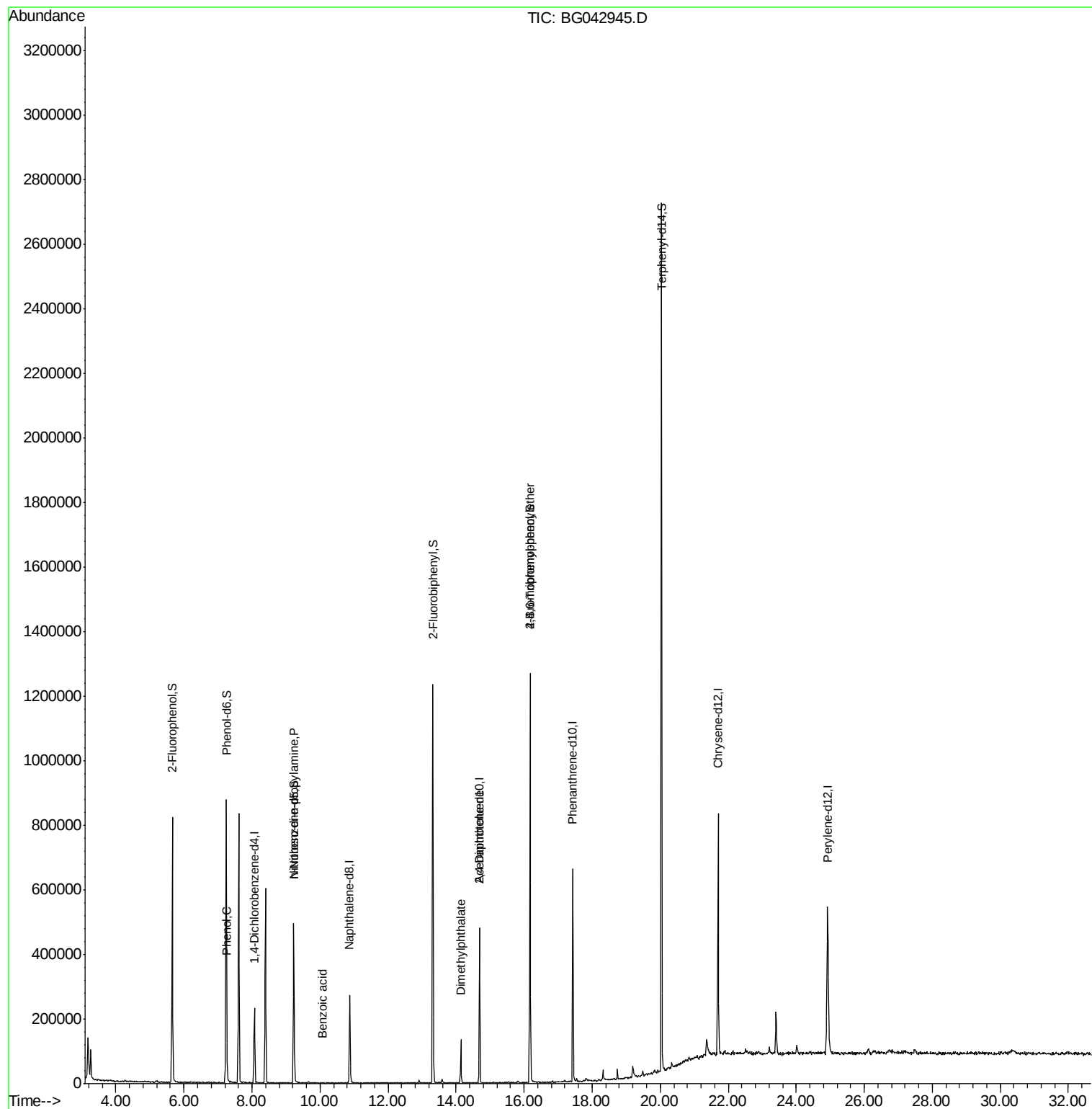
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	64547	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	236633	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	168236	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	410474	20.00	ng	0.00
76) Chrysene-d12	21.70	240	458805	20.00	ng	-0.01
87) Perylene-d12	24.92	264	525247	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	335174	92.67	ng	0.00
7) Phenol-d6	7.24	99	492284	94.52	ng	0.00
23) Nitrobenzene-d5	9.23	82	303773	62.40	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	257394	88.97	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	676952	58.33	ng	0.00
79) Terphenyl-d14	20.04	244	1299499	60.35	ng	0.00
Target Compounds						
10) Phenol	7.27	94	15420	3.227	ng	84
19) n-Nitroso-di-n-propylamine	9.23	70	43668	12.768	ng	# 69
32) Benzoic acid	10.07	122	79	2.835	ng	# 1
50) Dimethylphthalate	14.14	163	89307	7.085	ng	# 98
57) 2,4-Dinitrotoluene	14.69	165	21924	5.577	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	18095	3.512	ng	# 1

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

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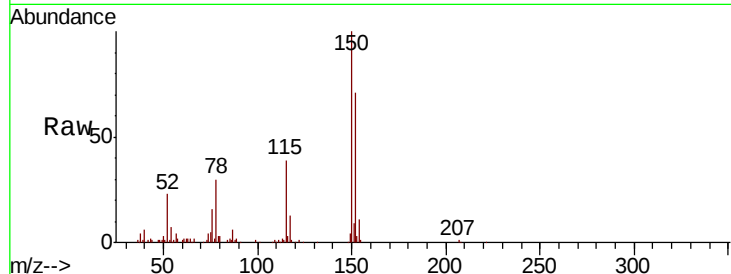


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG042945.D
 Acq: 30 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	115.0	172.4
115	55.3	47.0	70.6

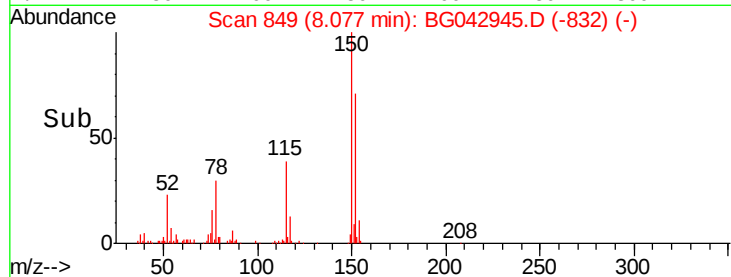
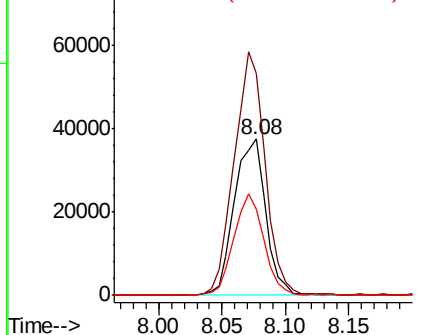


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

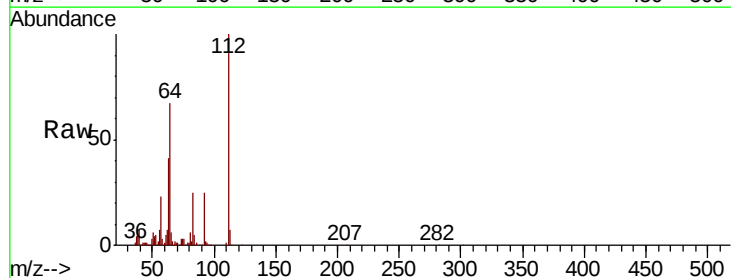
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 92.670 ng
 RT: 5.66 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BG042945.D
 Acq: 30 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.6	84.8
63	40.6	35.1	52.7

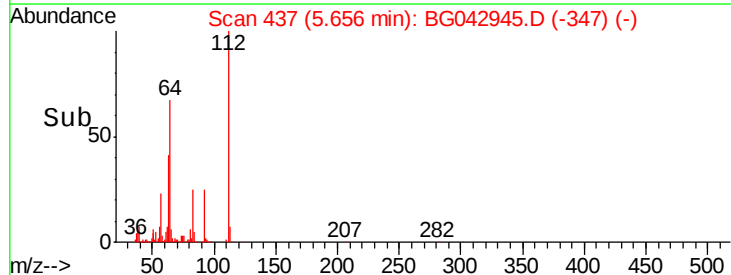
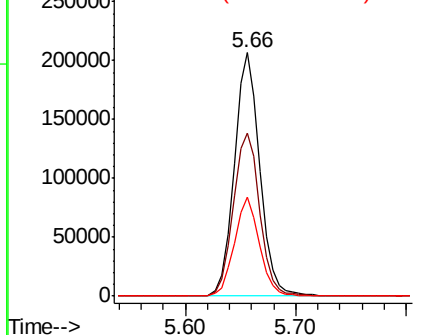


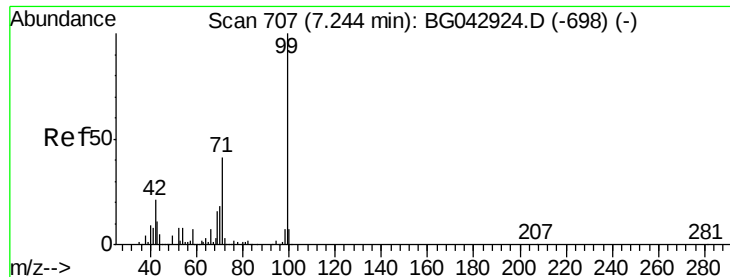
Abundance

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: 94.516 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042945.D

Acq: 30 Sep 2019 16:22

Instrument :

BNA_G

ClientSampled :

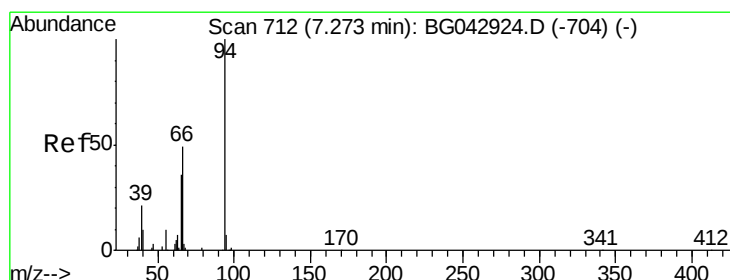
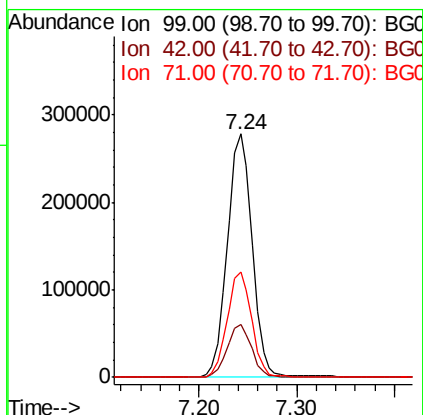
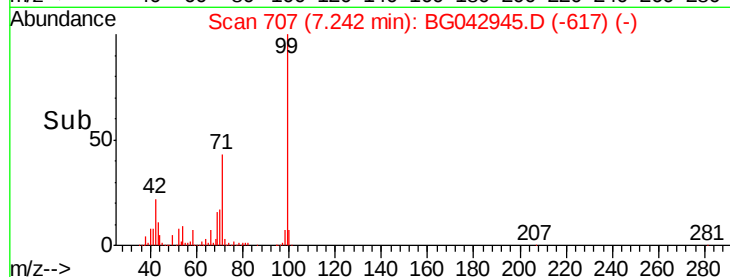
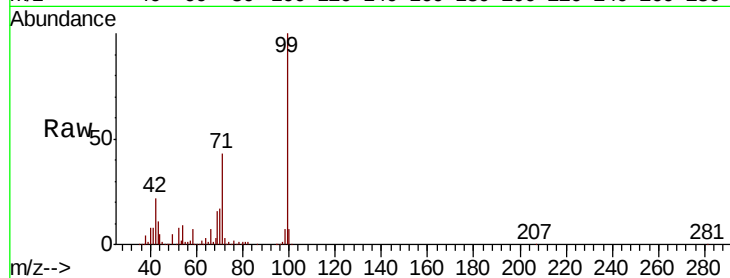
Tot Ion: 99 Resp: 492284

Ion Ratio Lower Upper

99 100

42 21.8 17.2 25.8

71 43.0 33.1 49.7



#10

Phenol

Concen: 3.227 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042945.D

Acq: 30 Sep 2019 16:22

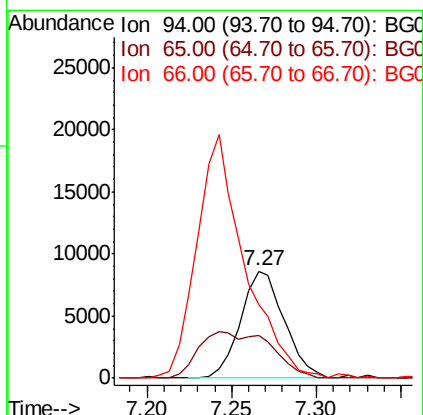
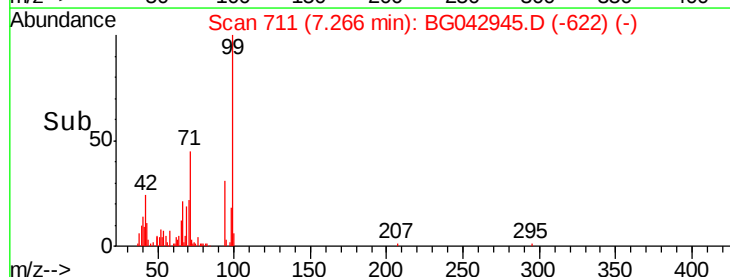
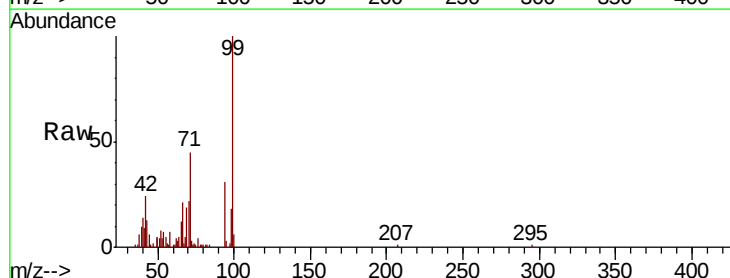
Tgt Ion: 94 Resp: 15420

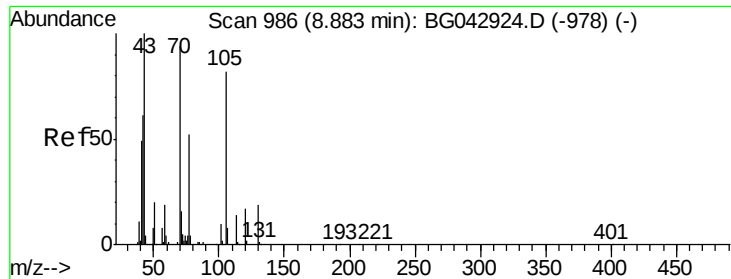
Ion Ratio Lower Upper

94 100

65 39.4 16.6 56.6

66 68.8 32.4 72.4

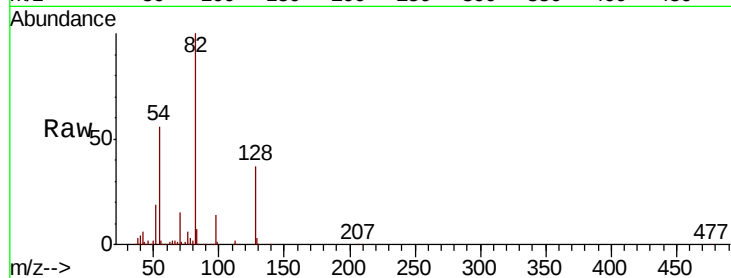




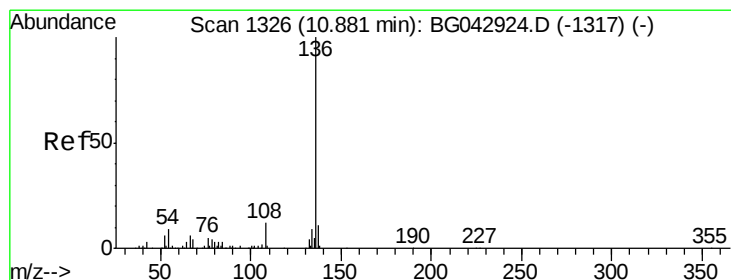
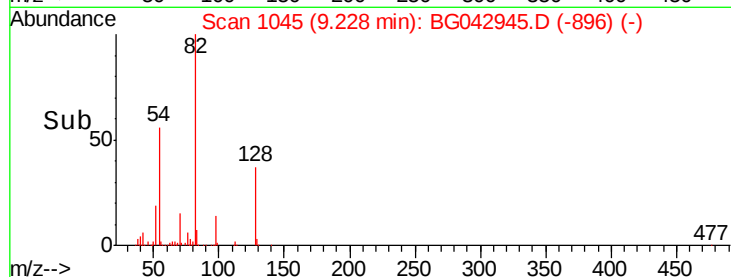
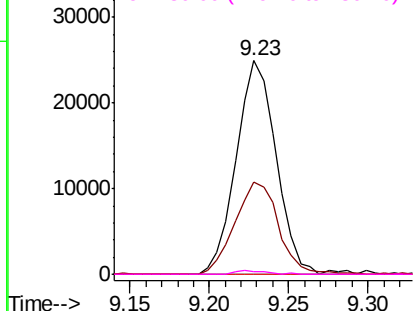
#19
n-Nitroso-di-n-propylamine
Concen: 12.768 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.34 min
Lab File: BG042945.D
Acq: 30 Sep 2019 16:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 43668
Ion Ratio Lower Upper
70 100
42 43.0 52.6 79.0#
101 0.0 8.7 13.1#
130 1.3 15.8 23.8#

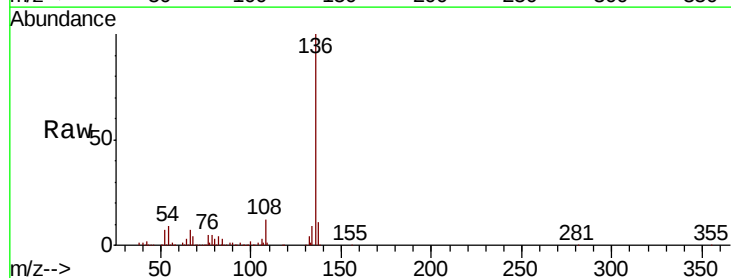


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

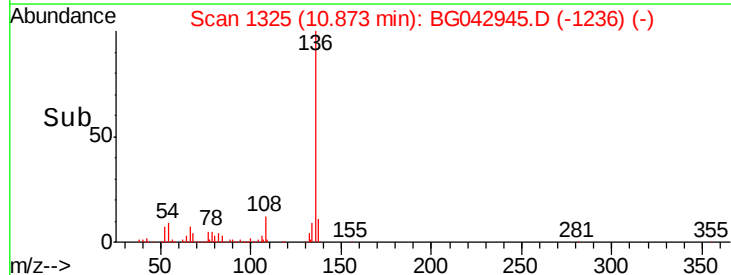
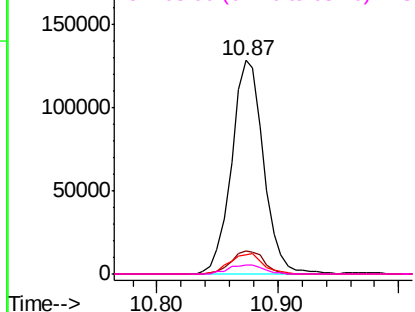


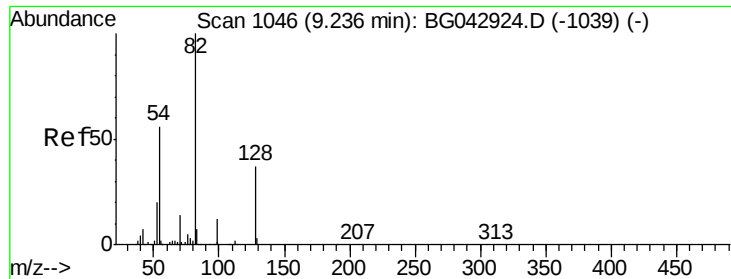
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042945.D
Acq: 30 Sep 2019 16:22

Tgt Ion:136 Resp: 236633
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.3 7.4 11.2
68 4.4 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

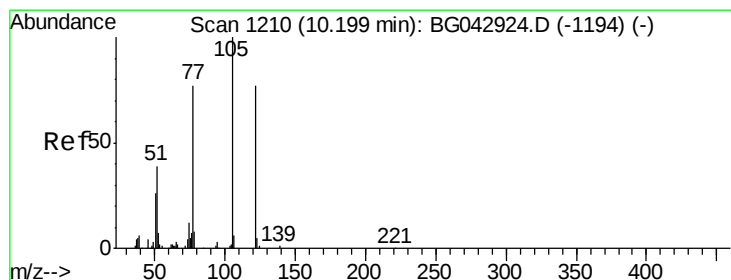
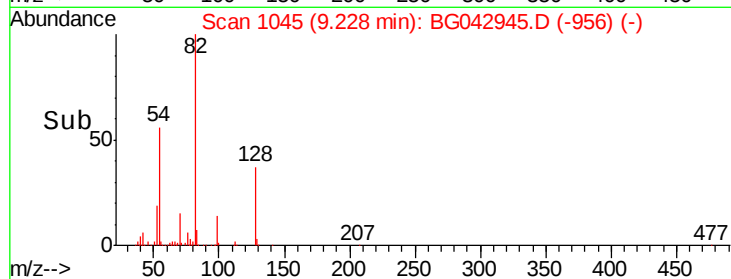
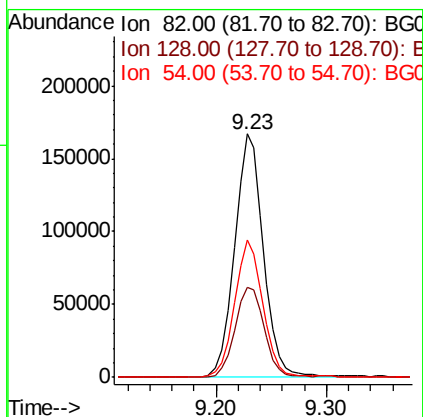
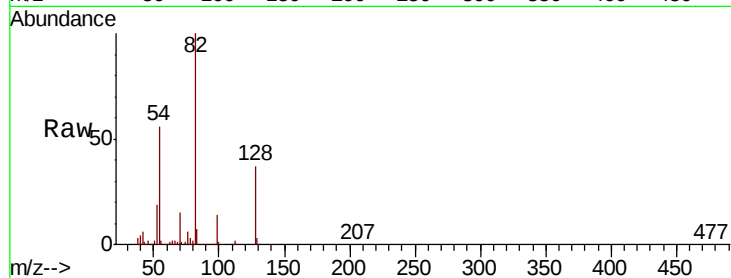




#23
 Nitrobenzene-d5
 Concen: 62.396 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042945.D
 Acq: 30 Sep 2019 16:22

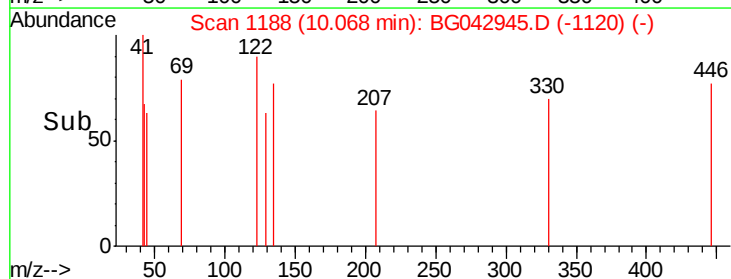
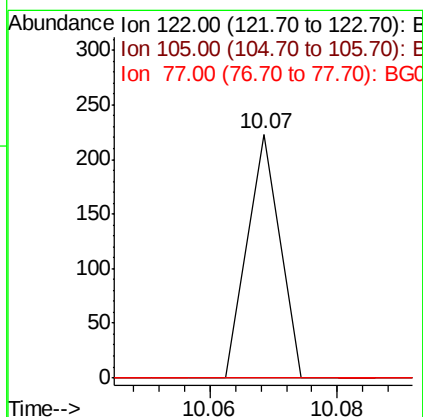
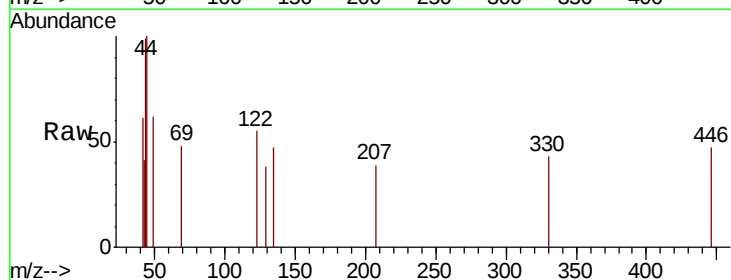
Instrument :
 BNA_G
 ClientSampleId :

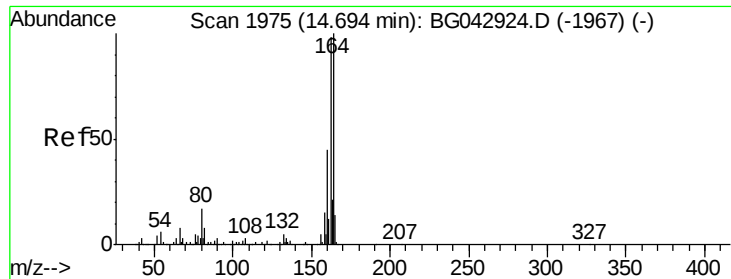
Tot Ion: 82 Resp: 303773
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.5 44.3
 54 56.4 44.6 67.0



#32
 Benzoic acid
 Concen: 2.835 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. -0.13 min
 Lab File: BG042945.D
 Acq: 30 Sep 2019 16:22

Tgt Ion: 122 Resp: 79
 Ion Ratio Lower Upper
 122 100
 105 0.0 107.5 147.5#
 77 0.0 79.8 119.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042945.D

Acq: 30 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

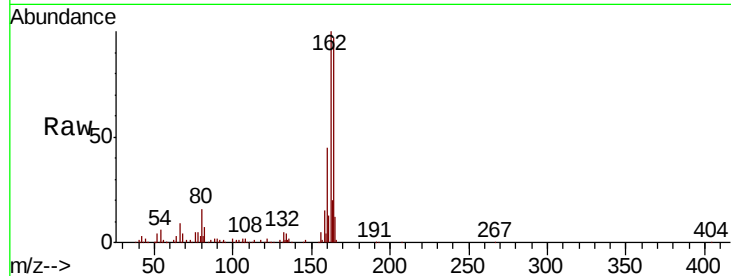
Tot Ion:164 Resp: 168236

Ion Ratio Lower Upper

164 100

162 103.4 78.5 117.7

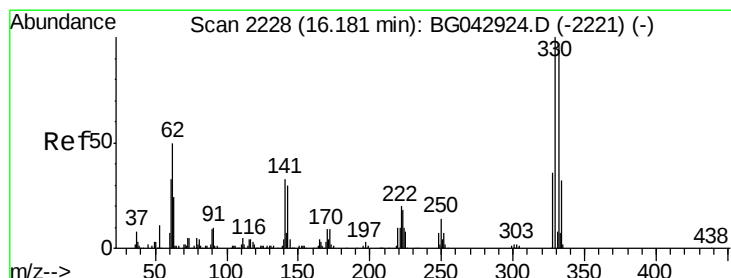
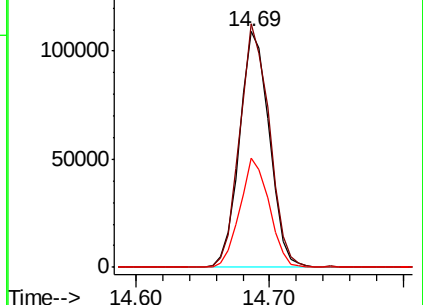
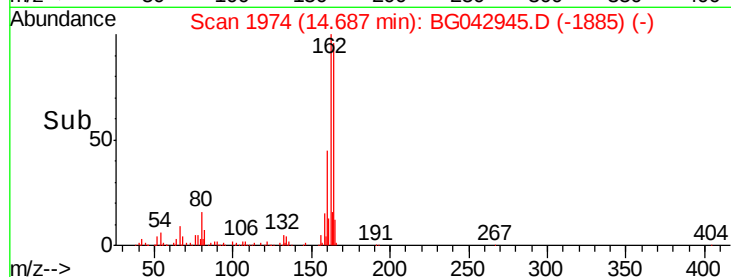
160 46.3 35.9 53.9



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: 88.974 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042945.D

Acq: 30 Sep 2019 16:22

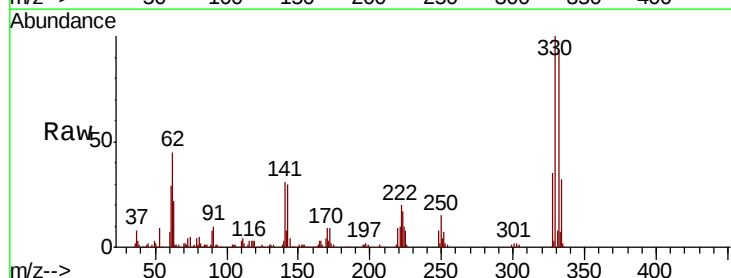
Tgt Ion:330 Resp: 257394

Ion Ratio Lower Upper

330 100

332 95.8 78.2 117.2

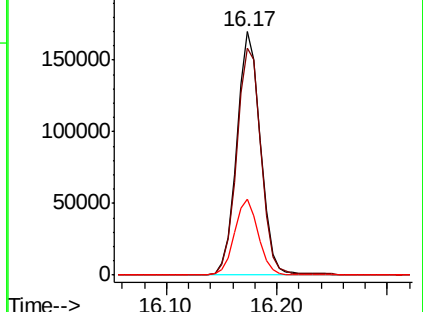
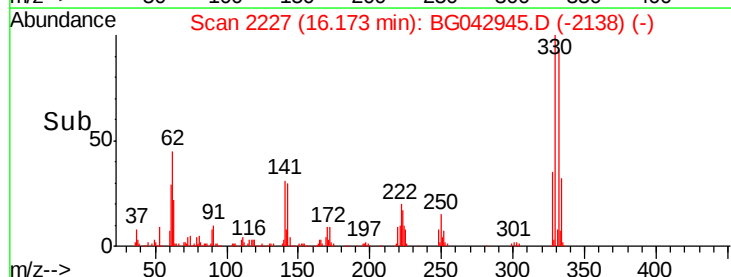
141 30.9 26.0 39.0

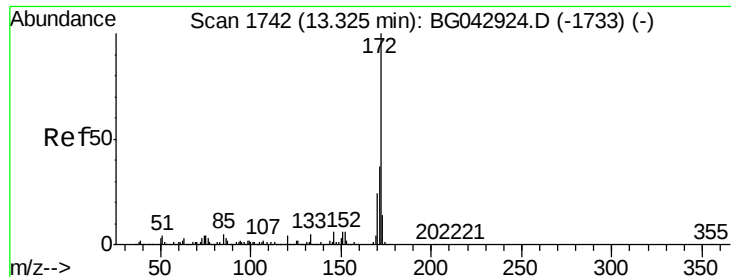


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

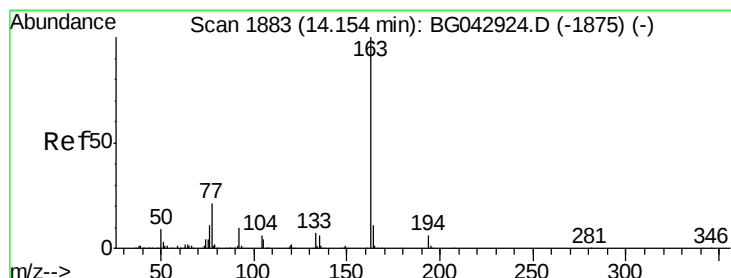
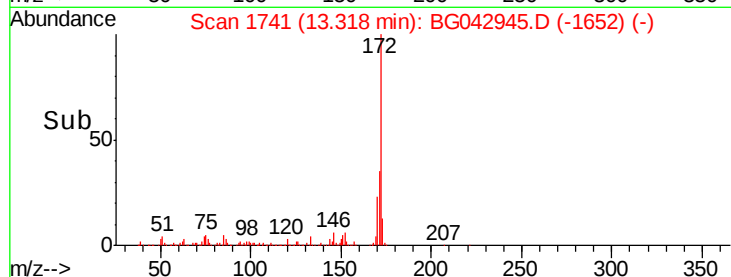
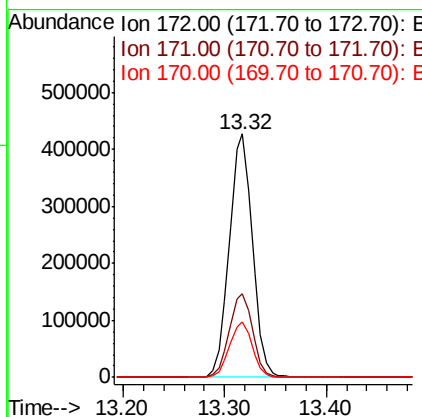
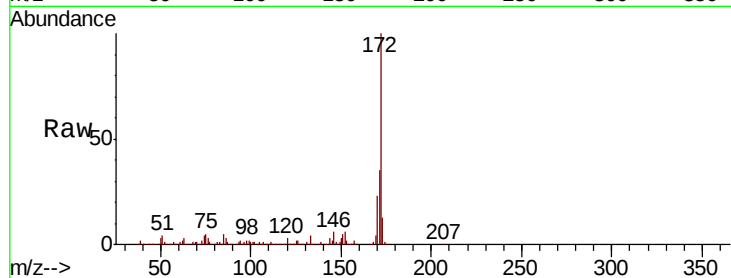




#45
2-Fluorobiphenyl
Concen: 58.333 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042945.D
Acq: 30 Sep 2019 16:22

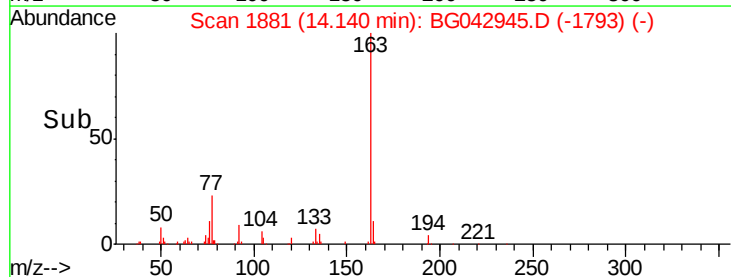
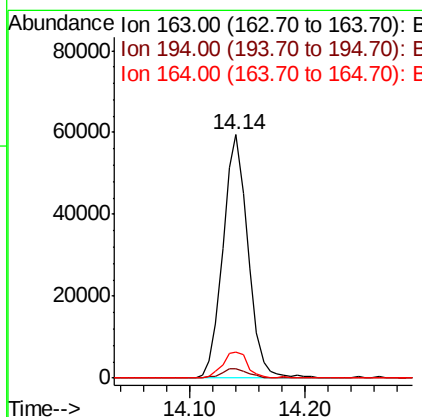
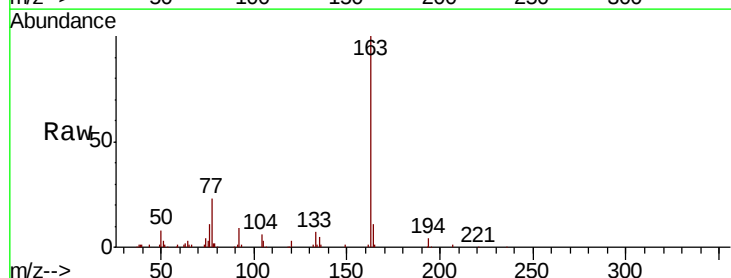
Instrument :
BNA_G
ClientSampled :

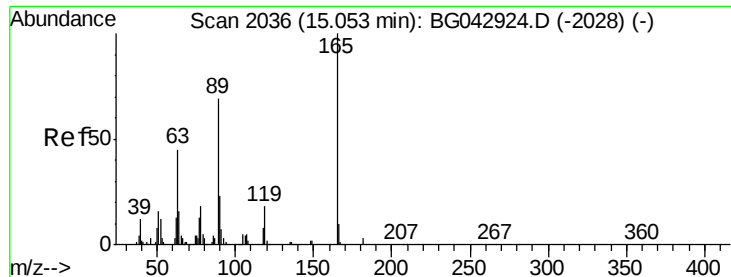
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.5	19.6	29.4



#50
Dimethylphthalate
Concen: 7.085 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042945.D
Acq: 30 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	10.7	8.6	12.8

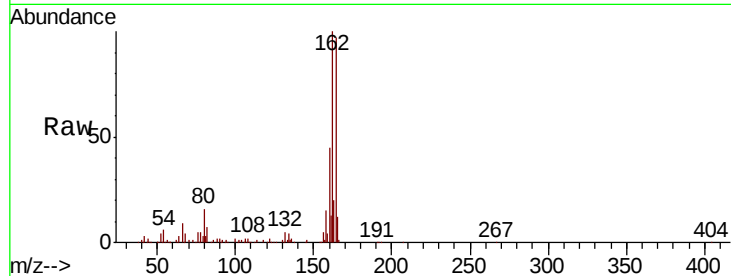




#57
 2,4-Dinitrotoluene
 Concen: 5.577 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.37 min
 Lab File: BG042945.D
 Acq: 30 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :

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



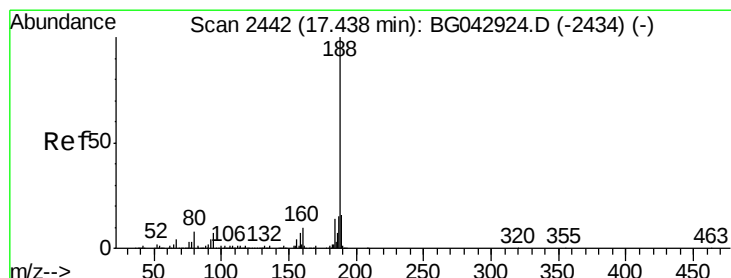
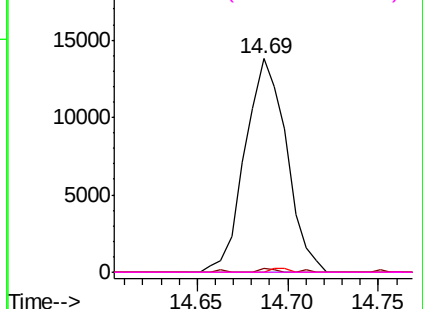
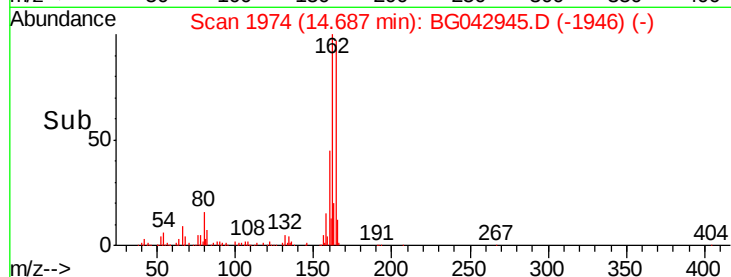
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

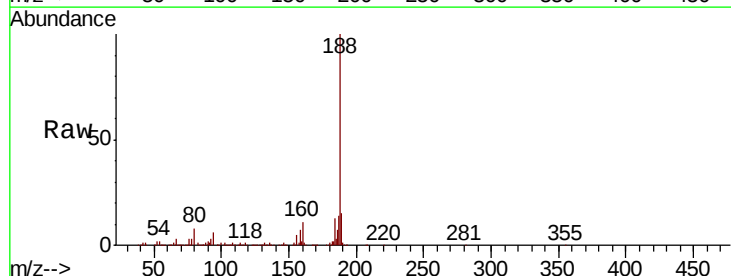
Ion 89.00 (88.70 to 89.70): BGC

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: BG042945.D
 Acq: 30 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	7.7	6.5	9.7

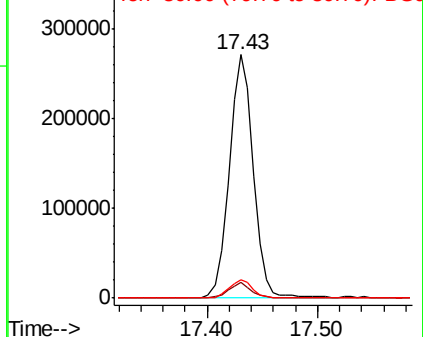
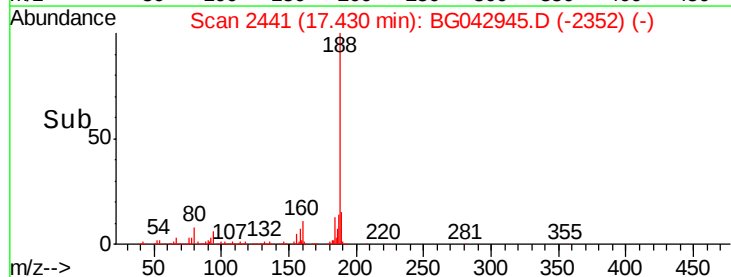


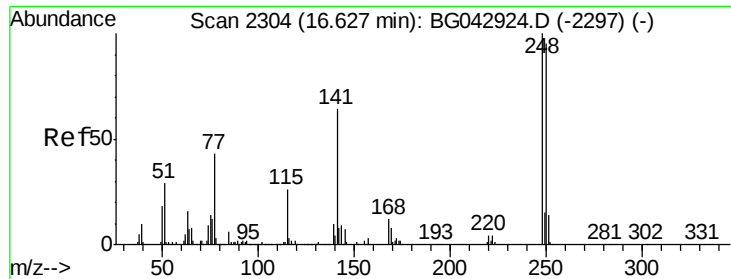
Abundance

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

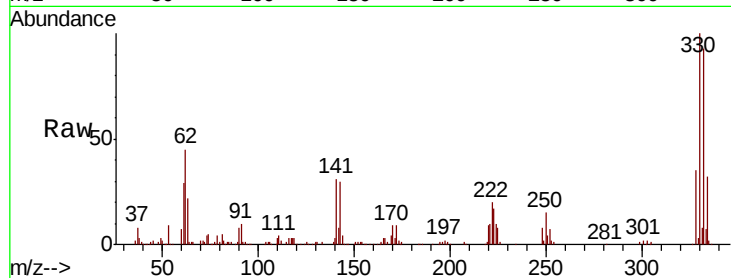




#67
 4-Bromophenyl-phenylether
 Concen: 3.512 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.45 min
 Lab File: BG042945.D
 Acq: 30 Sep 2019 16:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	193.7	75.8	113.8#
141	408.0	51.1	76.7#

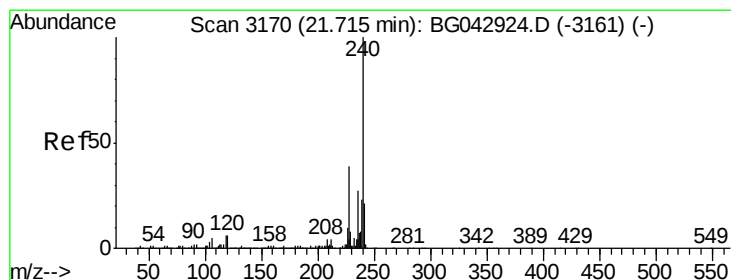
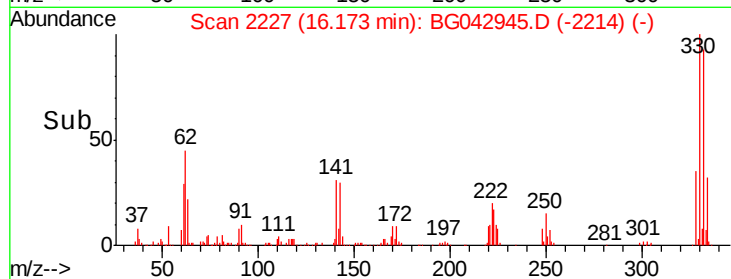
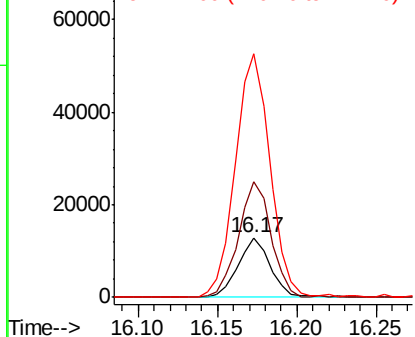


Abundance

Ion 248.00 (247.70 to 248.70): E

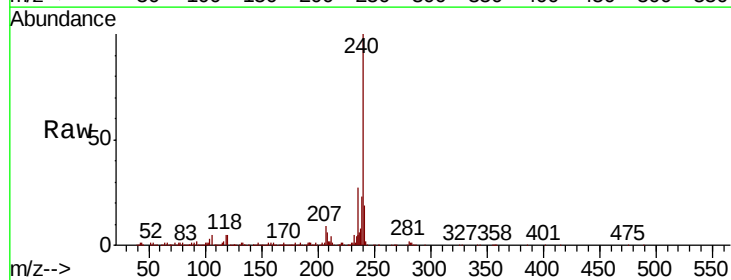
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG042945.D
 Acq: 30 Sep 2019 16:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.8	7.2
236	26.5	21.4	32.0

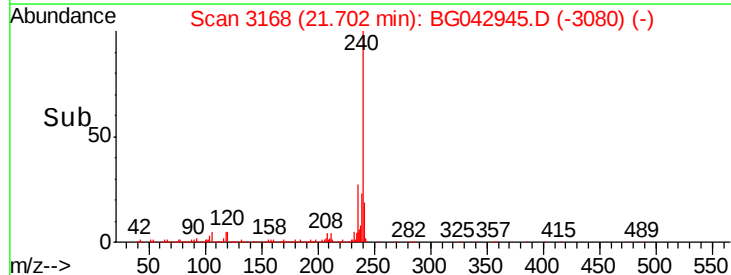
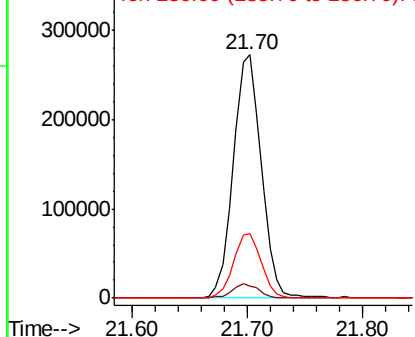


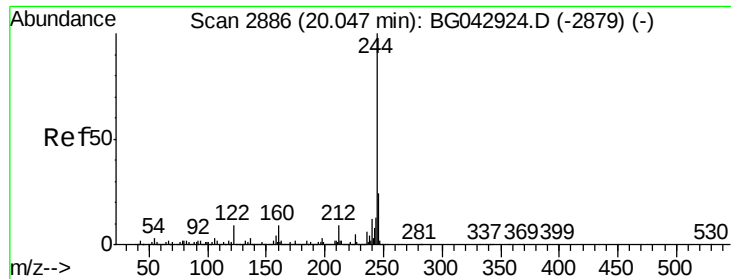
Abundance

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





#79

Terphenyl-d14

Concen: 60.354 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042945.D

Acq: 30 Sep 2019 16:22

Instrument :

BNA_G

ClientSampleId :

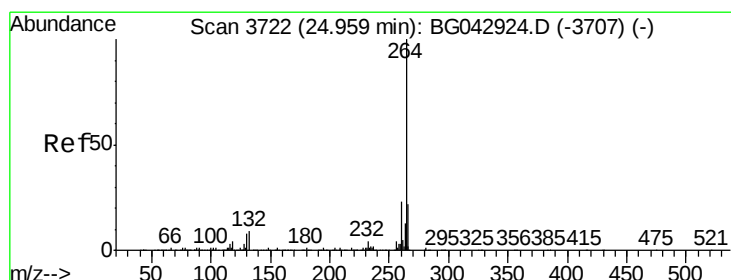
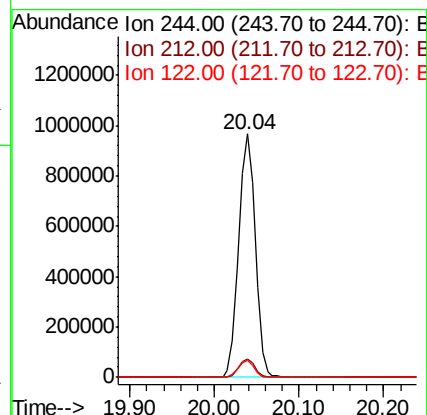
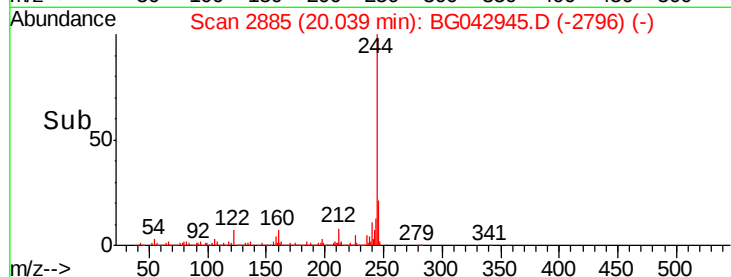
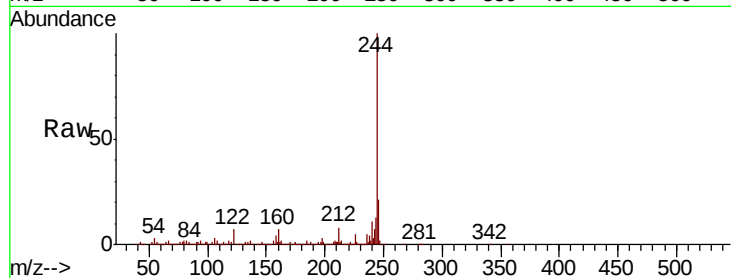
Tot Ion:244 Resp: 1299499

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.0

122 6.9 7.0 10.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG042945.D

Acq: 30 Sep 2019 16:22

Tgt Ion:264 Resp: 525247

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.4 17.7 26.5

