

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
 Data File : BG043026.D
 Acq On : 4 Oct 2019 5:38
 Operator : JU
 Sample : K5128-03RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3A

Quant Time: Oct 04 06:36:42 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

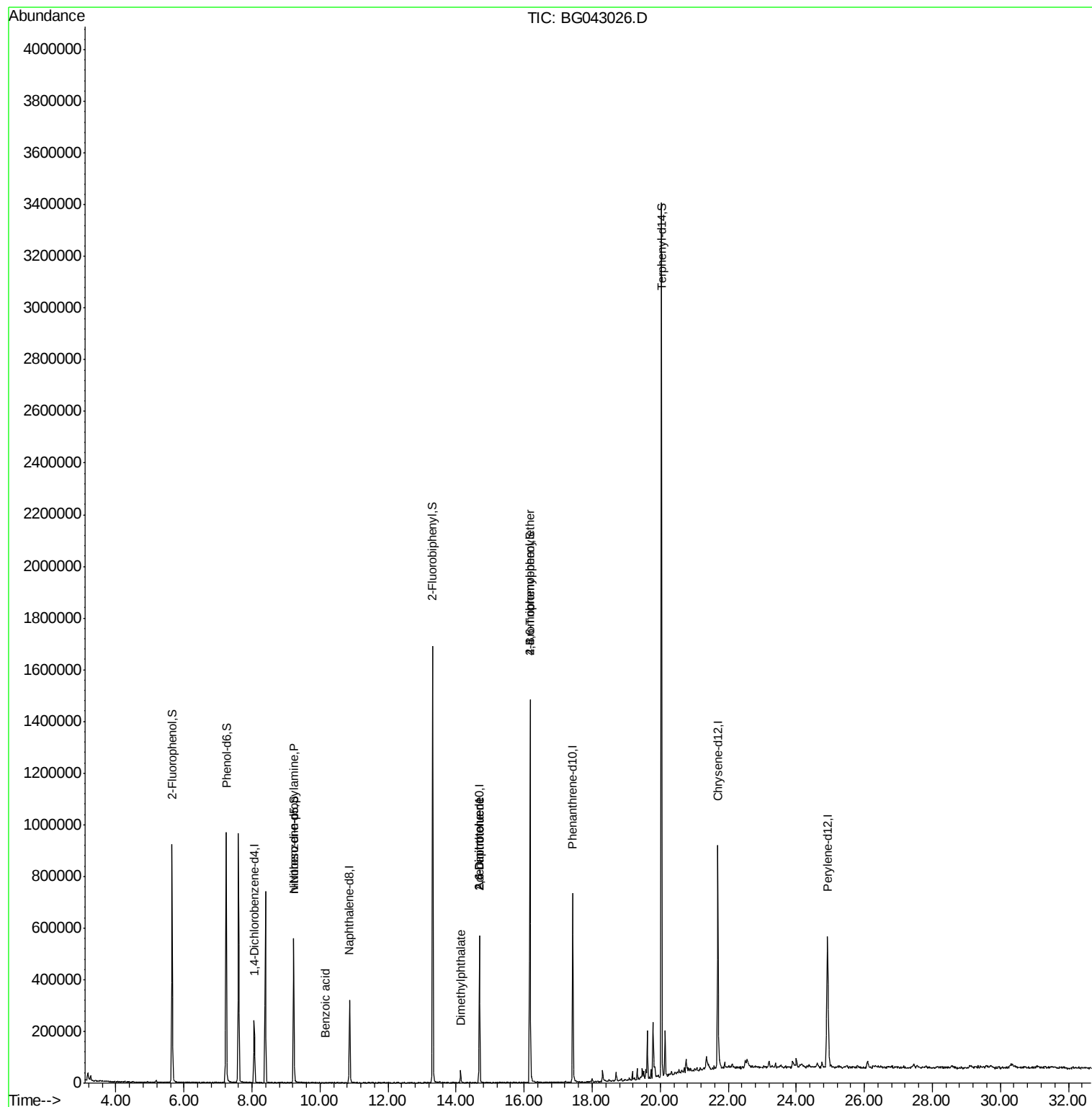
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	72605	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	280539	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	204318	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	479239	20.00	ng	0.00
76) Chrysene-d12	21.69	240	520654	20.00	ng	-0.02
87) Perylene-d12	24.92	264	598647	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	395489	97.21	ng	0.00
7) Phenol-d6	7.24	99	574090	97.99	ng	0.00
23) Nitrobenzene-d5	9.23	82	348863	60.44	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	332337	94.59	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	912051	64.71	ng	-0.01
79) Terphenyl-d14	20.04	244	1651102	67.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49203	12.790	ng	# 70
32) Benzoic acid	10.16	122	55	2.820	ng	# 1
50) Dimethylphthalate	14.13	163	33237	2.171	ng	# 97
51) 2,6-Dinitrotoluene	14.68	165	27062	8.301	ng	# 23
57) 2,4-Dinitrotoluene	14.68	165	27062	5.668	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	22565	3.752	ng	# 1

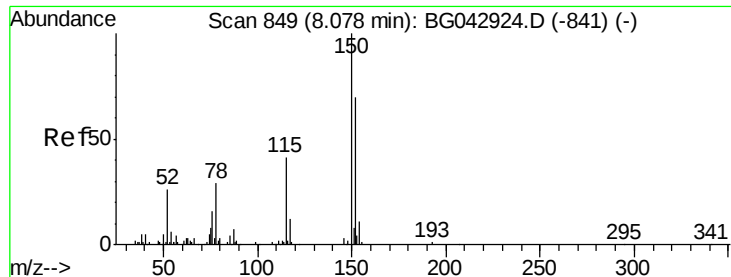
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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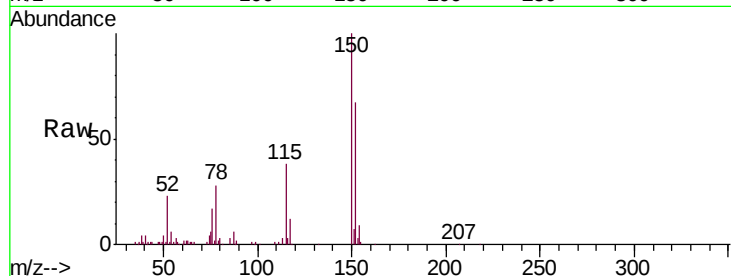


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.9	115.0	172.4
115	57.4	47.0	70.6

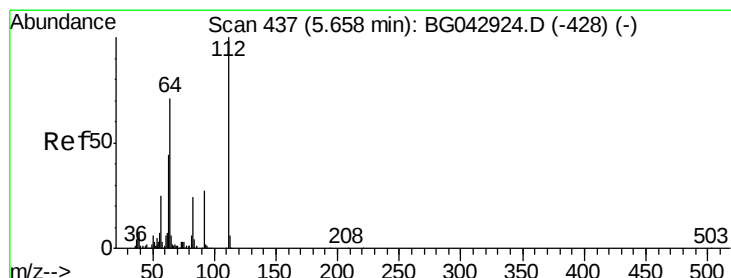
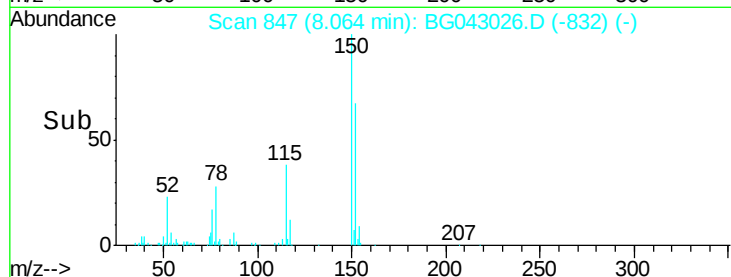
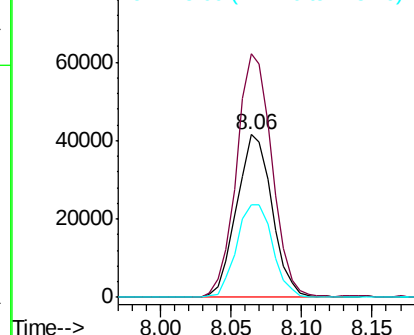


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

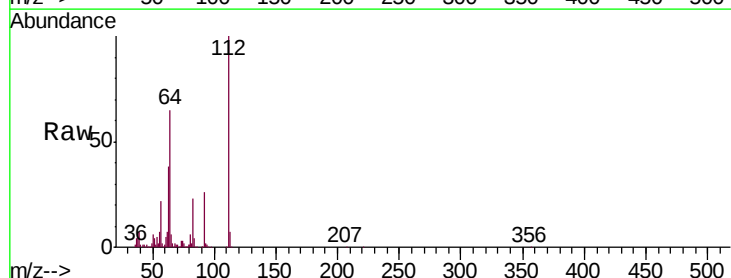
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.211 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.6	84.8
63	38.3	35.1	52.7

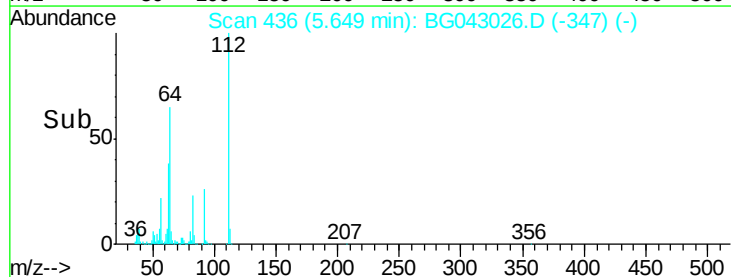
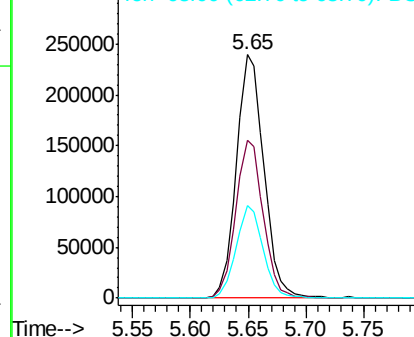


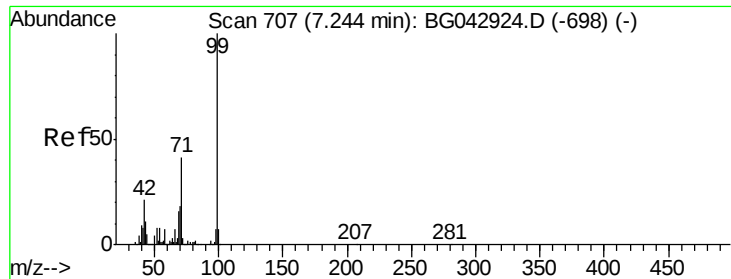
Abundance

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: 97.989 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043026.D

Acq: 4 Oct 2019 5:38

Instrument :

BNA_G

ClientSampleId :

SB-3A

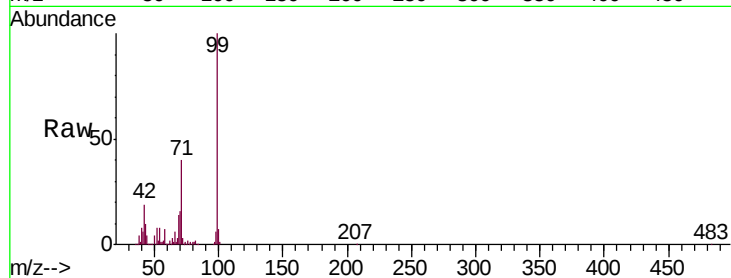
Tgt Ion: 99 Resp: 574090

Ion Ratio Lower Upper

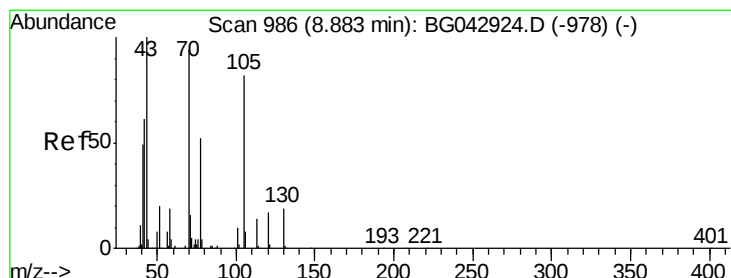
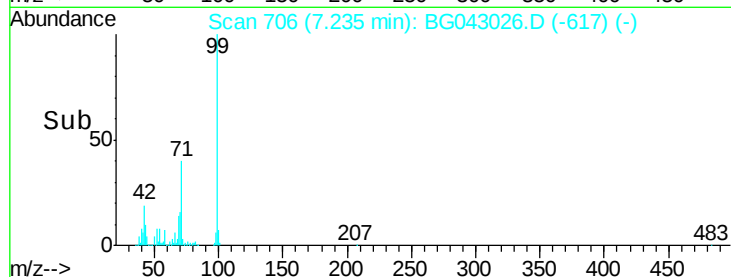
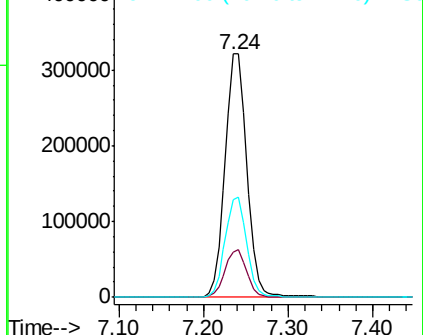
99 100

42 18.5 17.2 25.8

71 40.0 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: 12.790 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.34 min

Lab File: BG043026.D

Acq: 4 Oct 2019 5:38

Tgt Ion: 70 Resp: 49203

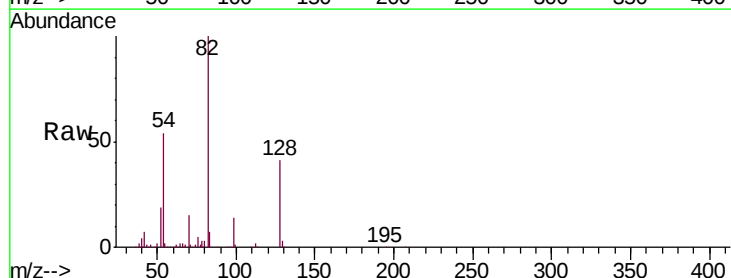
Ion Ratio Lower Upper

70 100

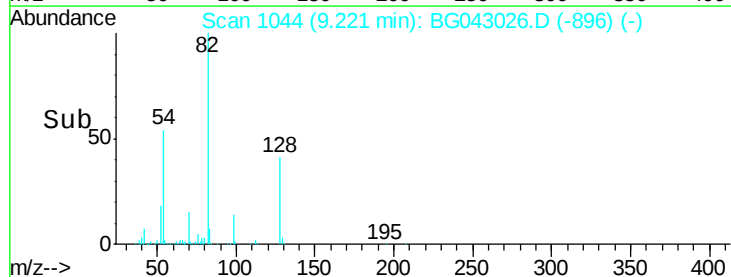
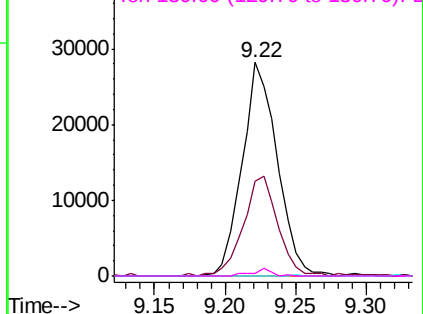
42 44.4 52.6 79.0#

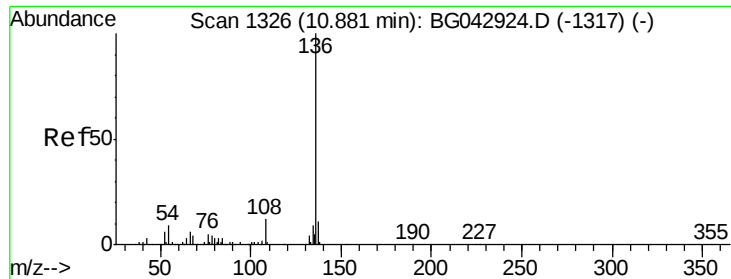
101 0.0 8.7 13.1#

130 1.2 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

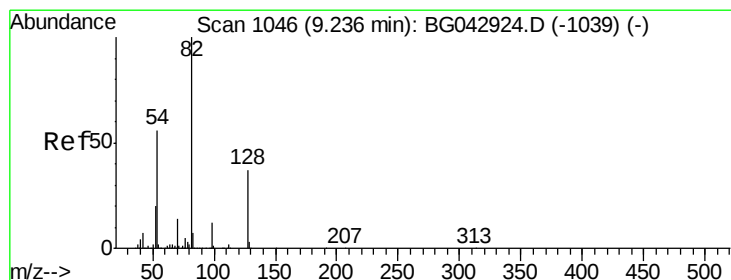
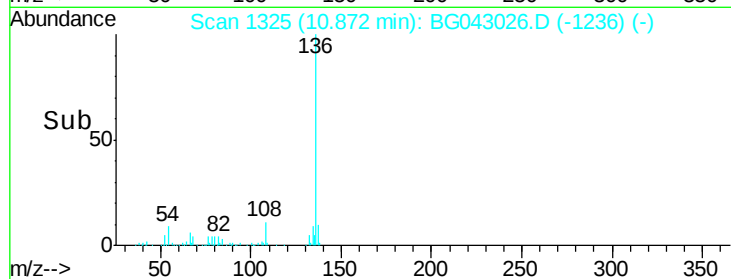
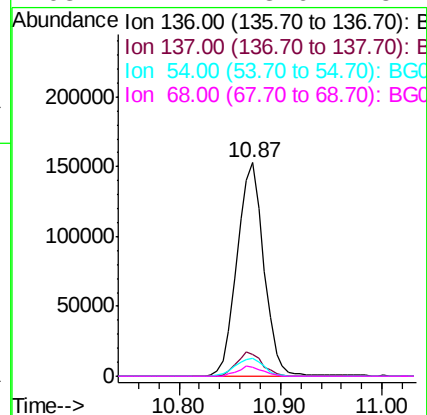
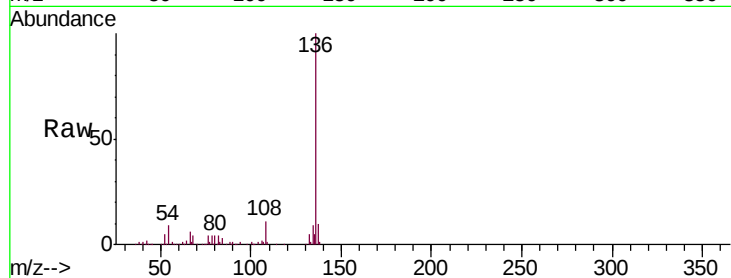




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

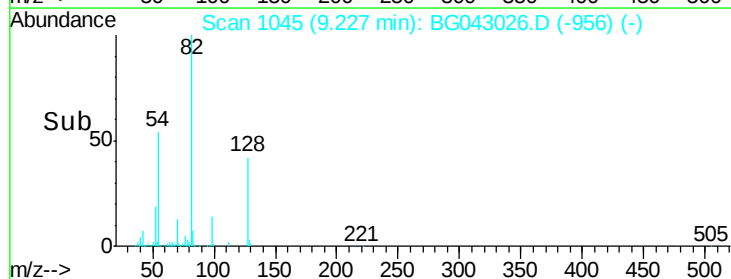
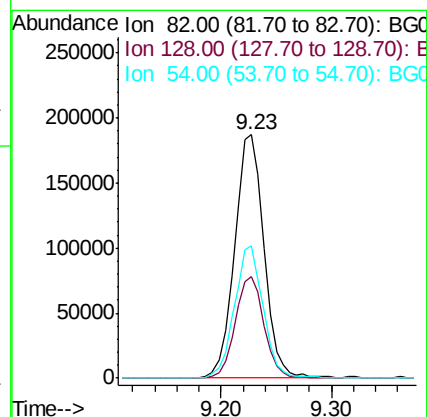
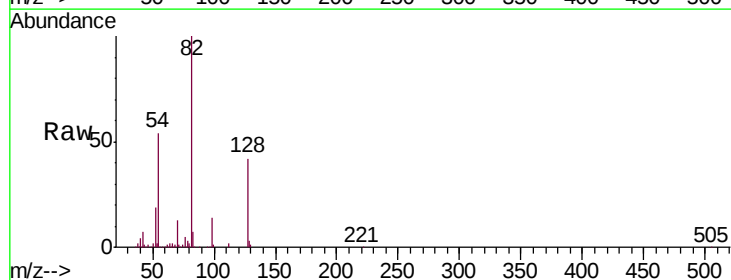
Instrument :
BNA_G
ClientSampleId :
SB-3A

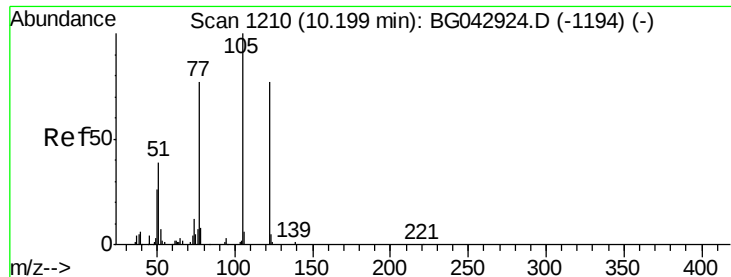
Tgt Ion:	136	Resp:	280539
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.6	7.4	11.2
68	4.4	3.6	5.4



#23
Nitrobenzene-d5
Concen: 60.443 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:	82	Resp:	348863
Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.5	44.3
54	54.5	44.6	67.0

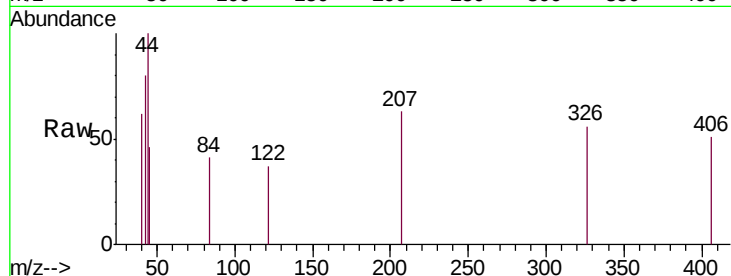




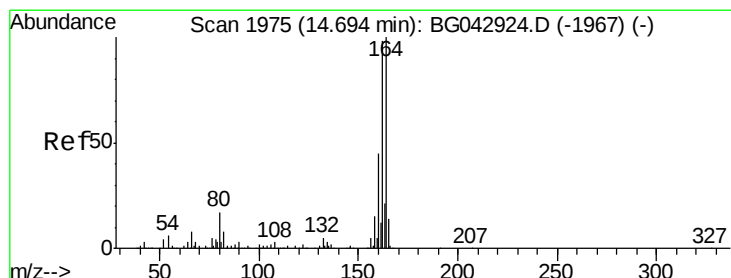
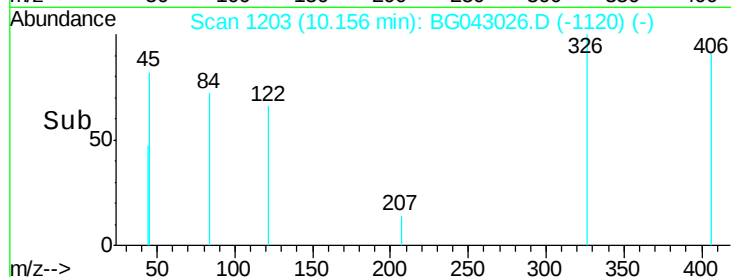
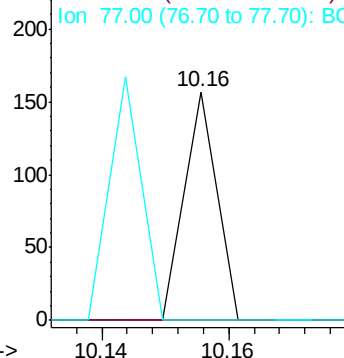
#32
Benzoic acid
Concen: 2.820 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Instrument :
BNA_G
ClientSampleId :
SB-3A

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 107.5 147.5#
77 0.0 79.8 119.8#

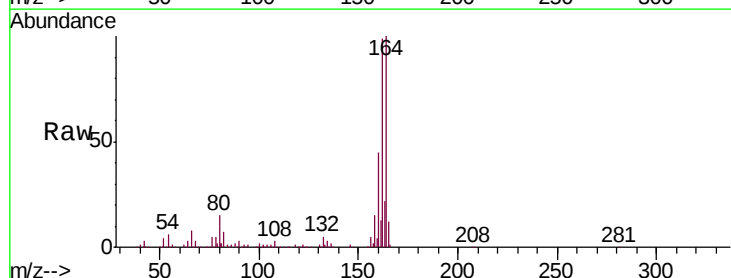


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

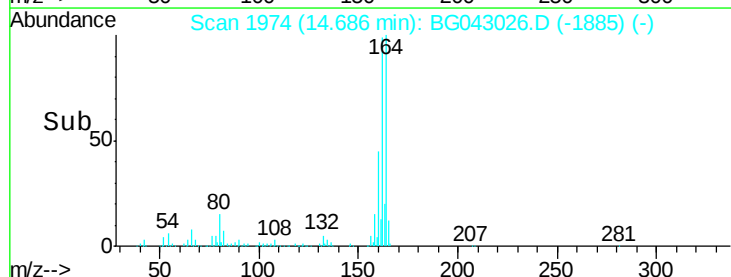
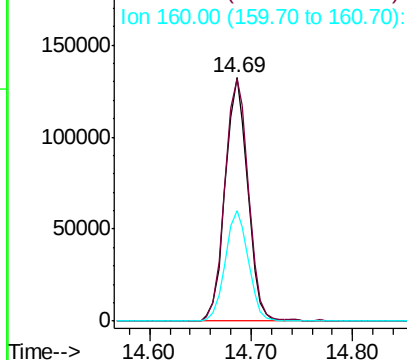


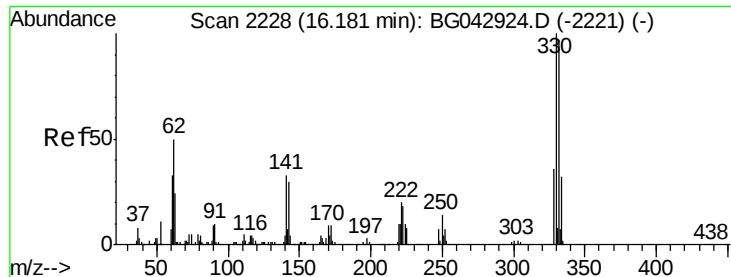
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043026.D
Acq: 4 Oct 2019 5:38

Tgt Ion:164 Resp: 204318
Ion Ratio Lower Upper
164 100
162 99.3 78.5 117.7
160 45.3 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

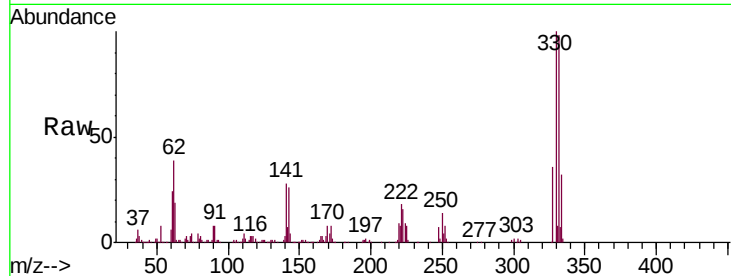




#42
 2,4,6-Tribromophenol
 Concen: 94.592 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG043026.D
 Acq: 4 Oct 2019 5:38

Instrument :
 BNA_G
 ClientSampled :
 SB-3A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	29.4	26.0	39.0

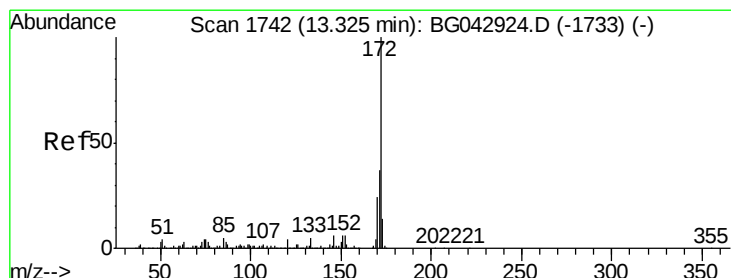
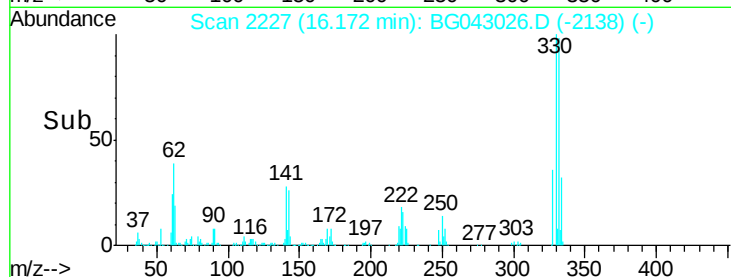
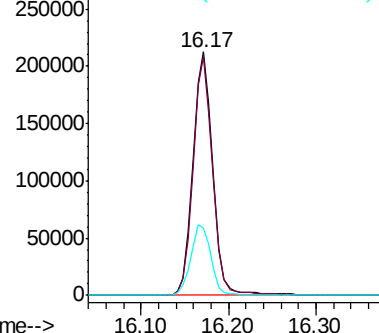


Abundance

Ion 329.80 (329.50 to 330.50): E

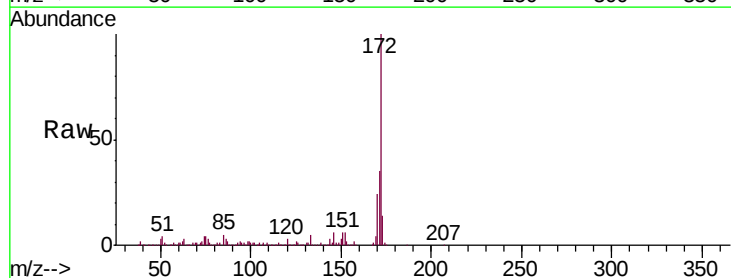
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.713 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG043026.D
 Acq: 4 Oct 2019 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.8	19.6	29.4

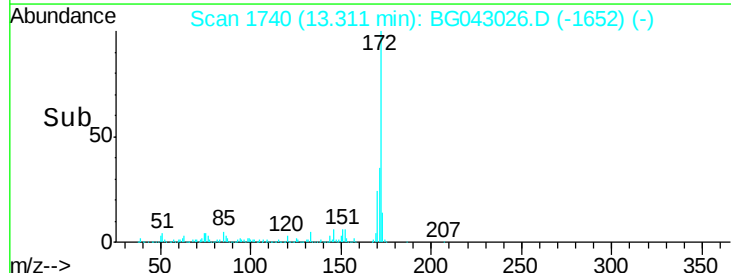
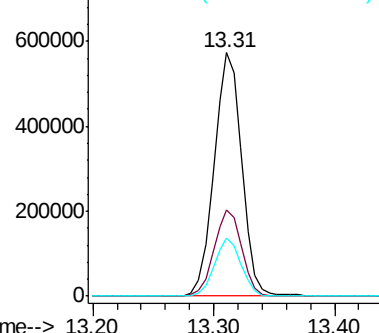


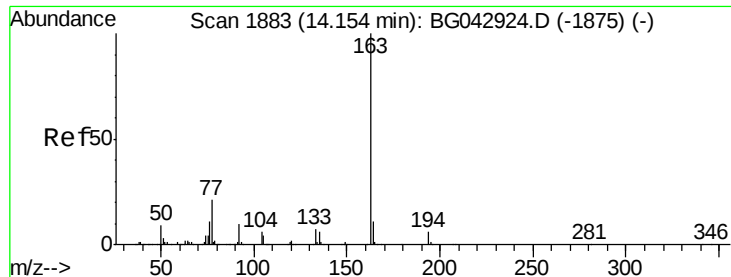
Abundance

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: 2.171 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043026.D

Acq: 4 Oct 2019 5:38

Instrument :

BNA_G

ClientSampleId :

SB-3A

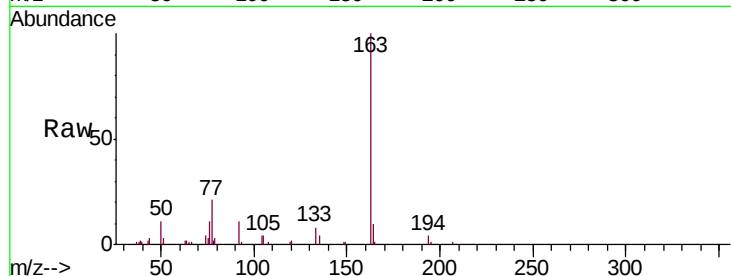
Tgt Ion:163 Resp: 33237

Ion Ratio Lower Upper

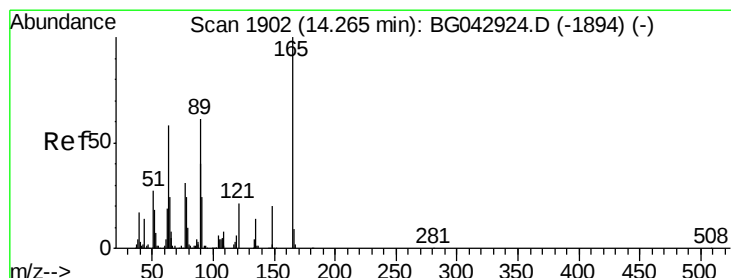
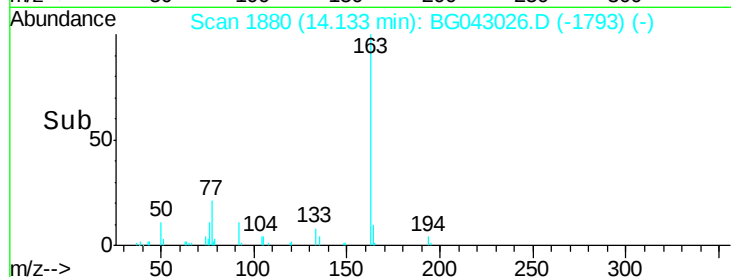
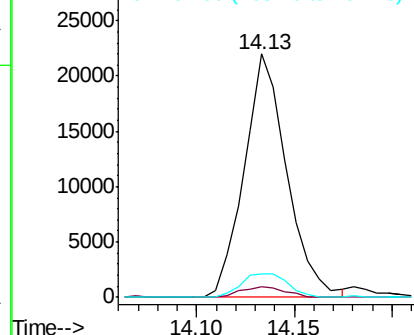
163 100

194 4.2 4.4 6.6#

164 9.6 8.6 12.8



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: 8.301 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.41 min

Lab File: BG043026.D

Acq: 4 Oct 2019 5:38

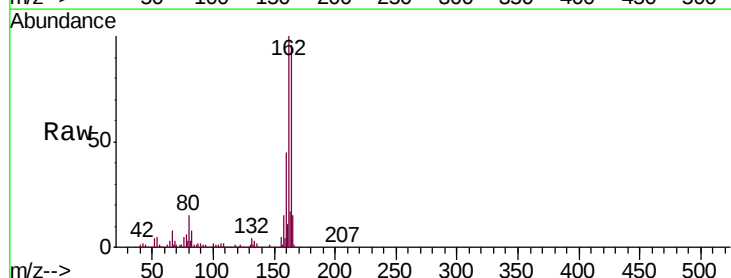
Tgt Ion:165 Resp: 27062

Ion Ratio Lower Upper

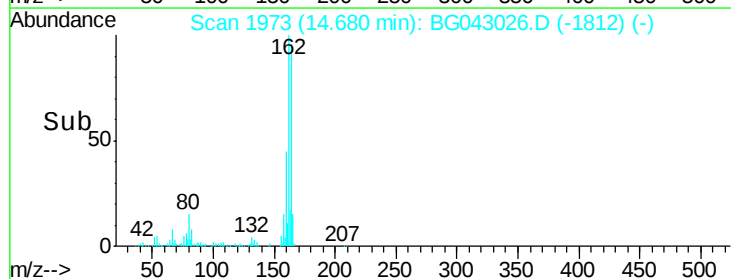
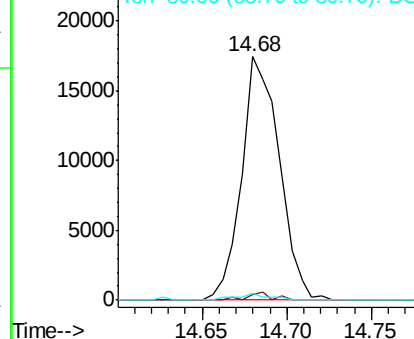
165 100

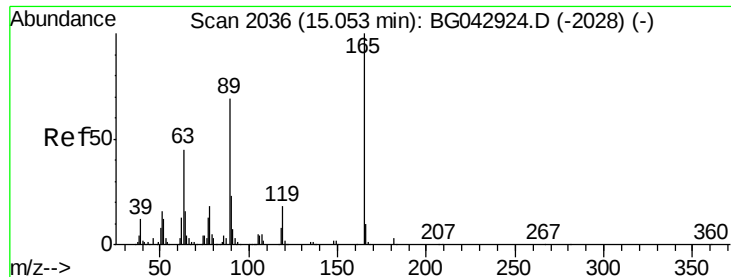
63 2.2 50.3 75.5#

89 2.7 48.9 73.3#



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

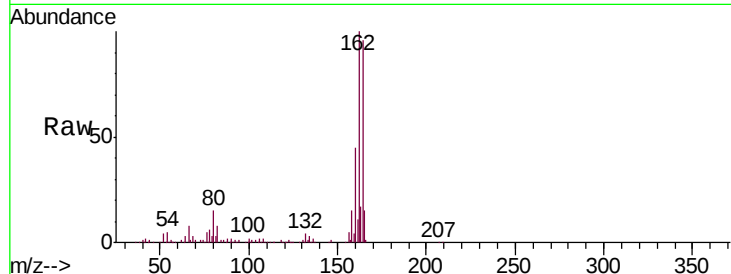




#57
 2,4-Dinitrotoluene
 Concen: 5.668 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.37 min
 Lab File: BG043026.D
 Acq: 4 Oct 2019 5:38

Instrument :
 BNA_G
 ClientSampled :
 SB-3A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.5	54.7#
89	2.7	55.5	83.3#
182	0.0	2.4	3.6#

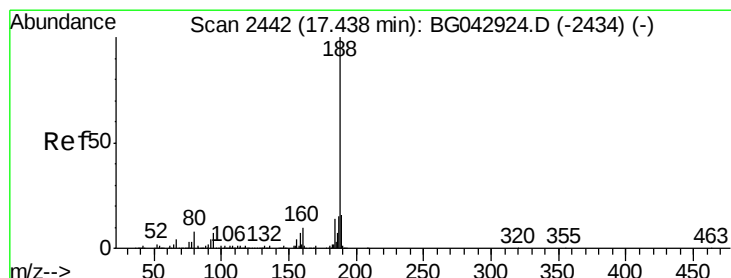
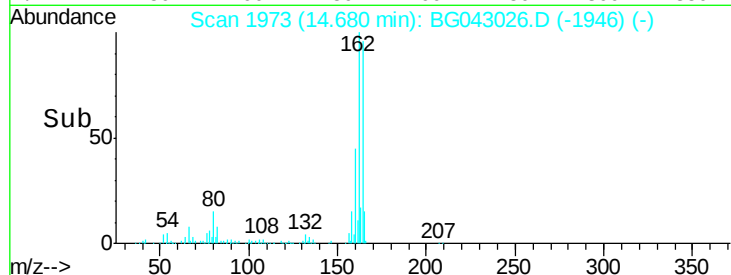
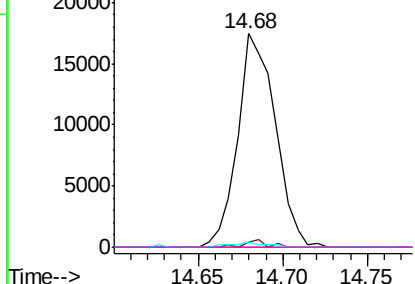


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

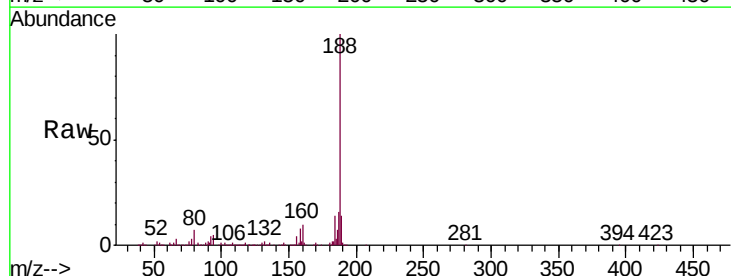
Ion 89.00 (88.70 to 89.70): BGC

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: BG043026.D
 Acq: 4 Oct 2019 5:38

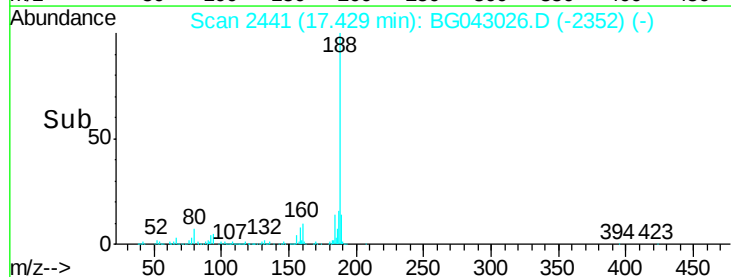
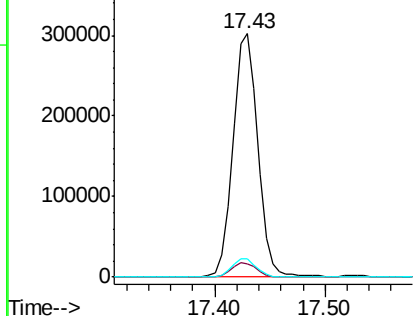
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	7.4	6.5	9.7

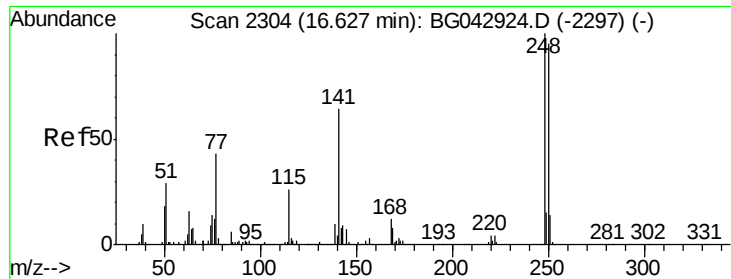


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

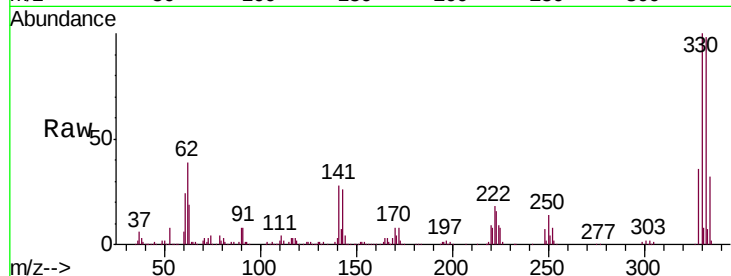




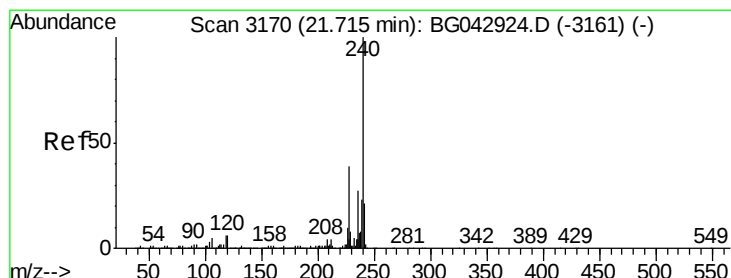
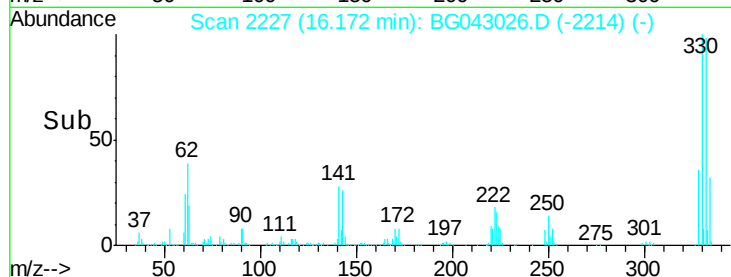
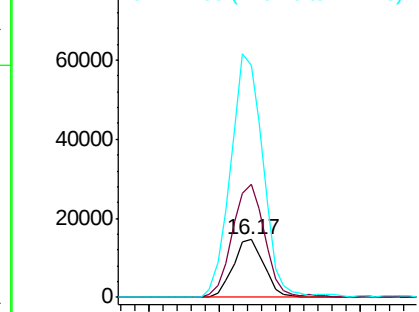
#67
 4-Bromophenyl-phenylether
 Concen: 3.752 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG043026.D
 Acq: 4 Oct 2019 5:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-3A

Tgt Ion: 248 Resp: 22565
 Ion Ratio Lower Upper
 248 100
 250 197.3 75.8 113.8#
 141 404.1 51.1 76.7#

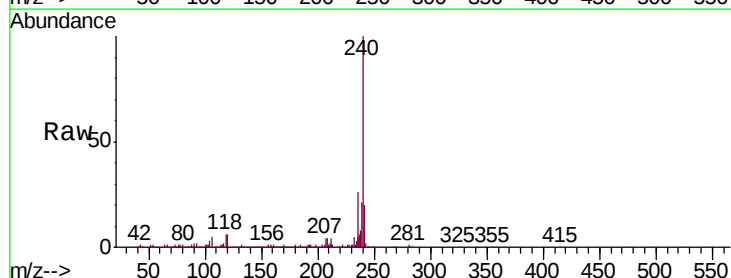


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

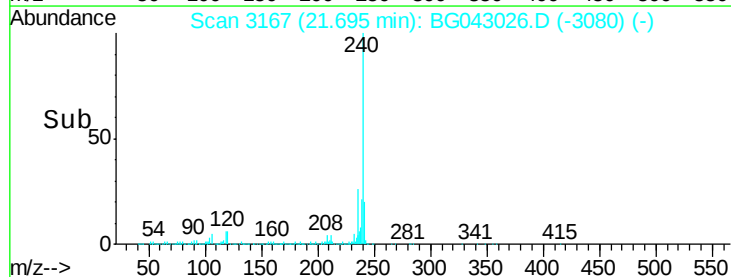
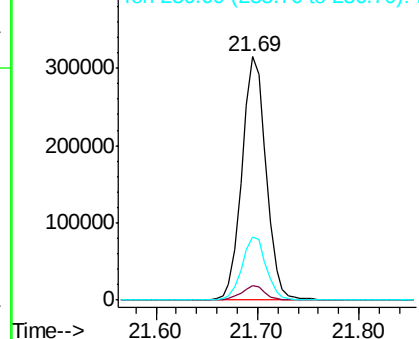


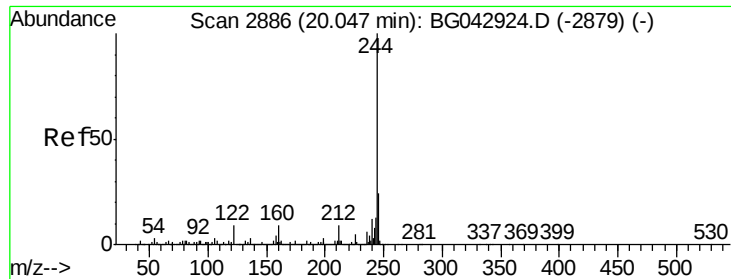
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG043026.D
 Acq: 4 Oct 2019 5:38

Tgt Ion: 240 Resp: 520654
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.8 7.2
 236 26.0 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





#79

Terphenyl-d14

Concen: 67.575 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043026.D

Acq: 4 Oct 2019 5:38

Instrument :

BNA_G

ClientSampleId :

SB-3A

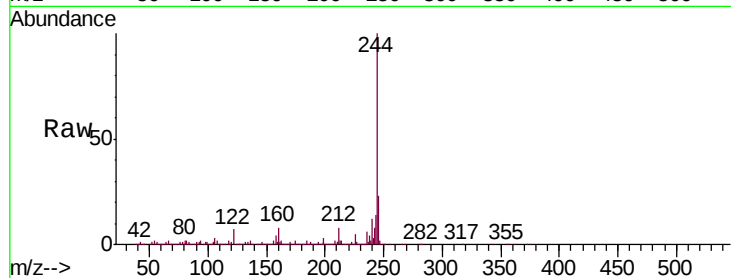
Tgt Ion:244 Resp: 1651102

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.0

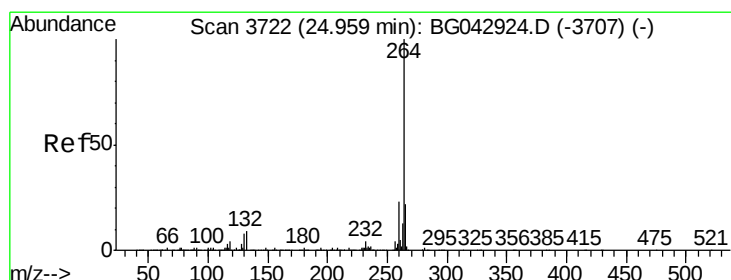
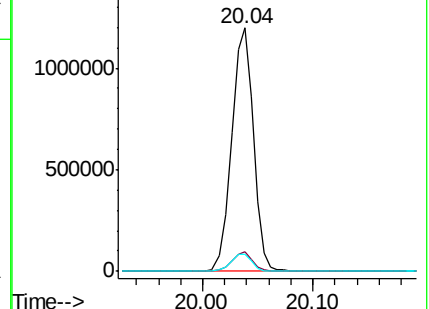
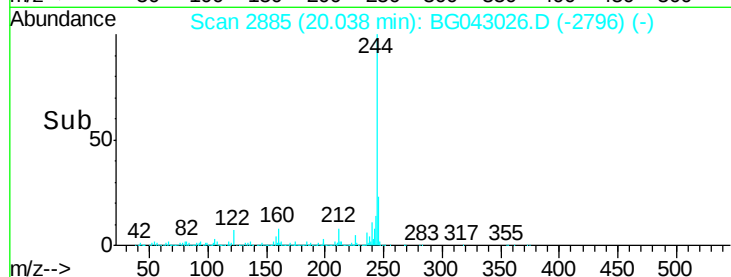
122 7.3 7.0 10.4



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: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG043026.D

Acq: 4 Oct 2019 5:38

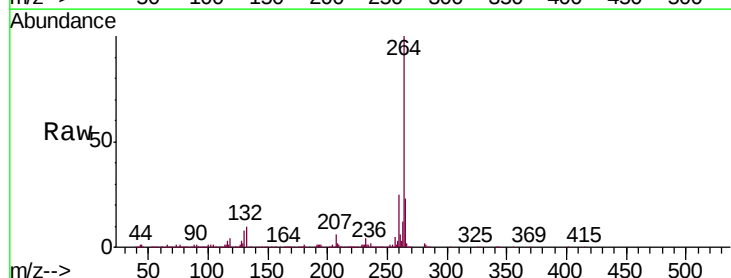
Tgt Ion:264 Resp: 598647

Ion Ratio Lower Upper

264 100

260 25.2 18.7 28.1

265 23.2 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

