

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042999.D
 Acq On : 3 Oct 2019 00:14
 Operator : JU
 Sample : K4660-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Oct 03 04:29:28 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

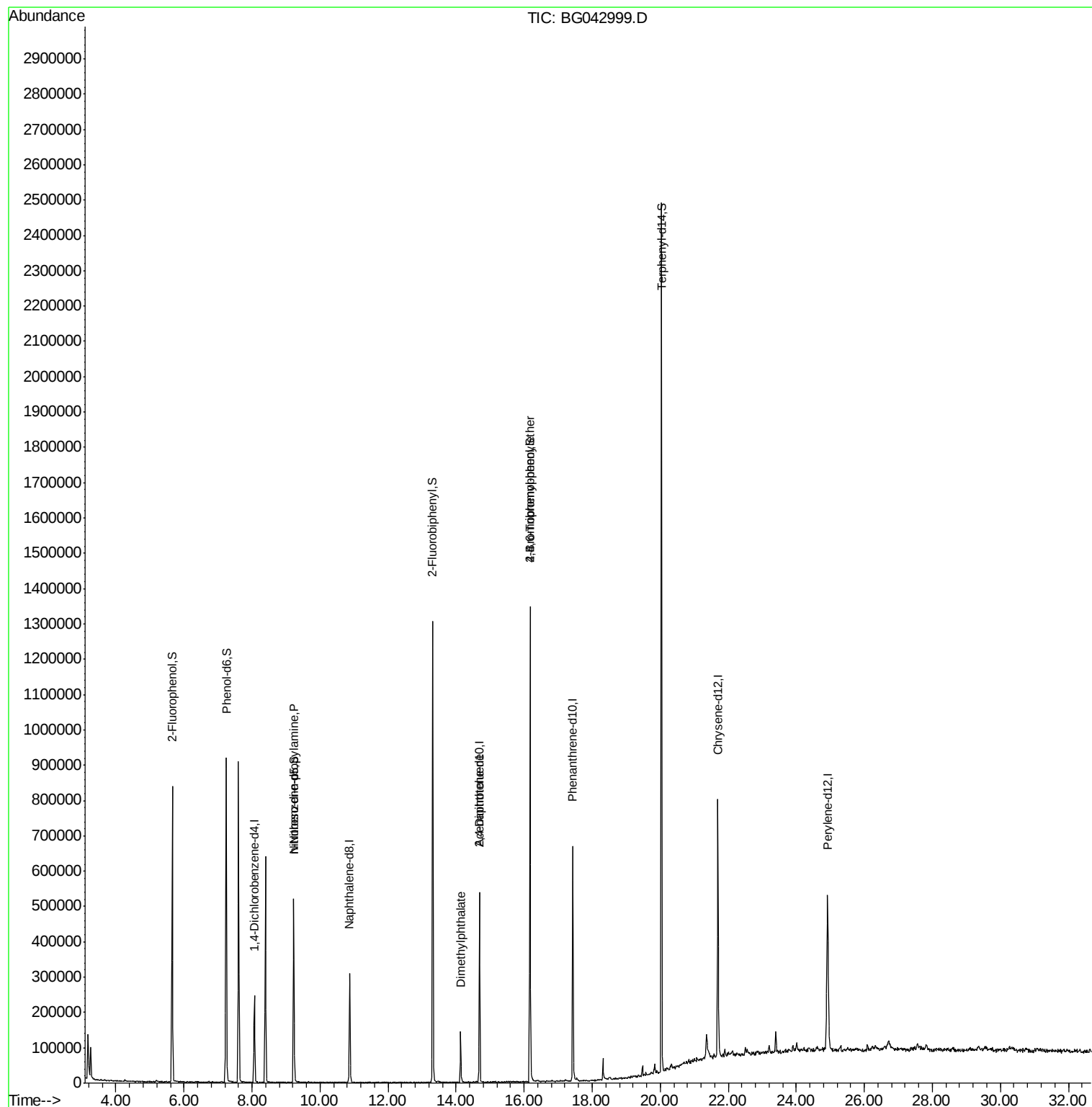
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69930	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	266331	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	188874	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	426101	20.00	ng	0.00
76) Chrysene-d12	21.69	240	457165	20.00	ng	-0.02
87) Perylene-d12	24.92	264	533068	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	366721	93.59	ng	0.00
7) Phenol-d6	7.24	99	534108	94.65	ng	0.00
23) Nitrobenzene-d5	9.23	82	328286	59.91	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	279203	85.97	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	723349	55.52	ng	-0.01
79) Terphenyl-d14	20.04	244	1223600	57.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	46477	12.544	ng	# 71
50) Dimethylphthalate	14.13	163	96339	6.808	ng	# 98
57) 2,4-Dinitrotoluene	14.69	165	23752	5.382	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	18339	3.429	ng	# 1

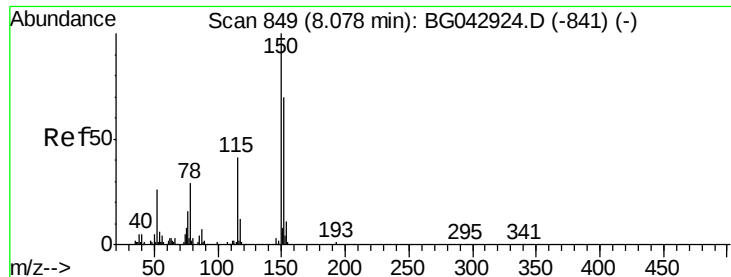
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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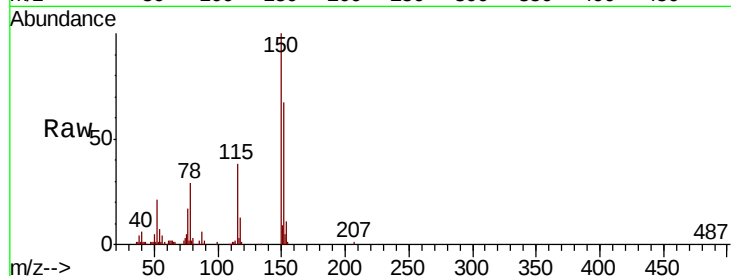


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG042999.D
 Acq: 3 Oct 2019 00:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	115.0	172.4
115	56.4	47.0	70.6

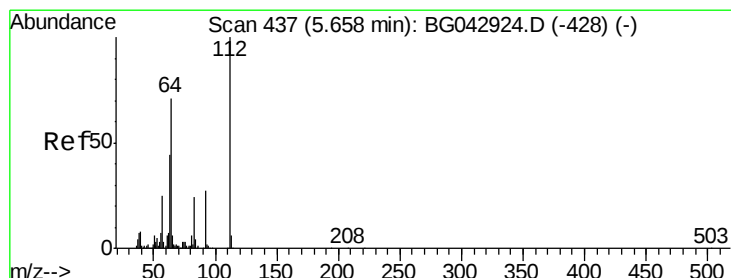
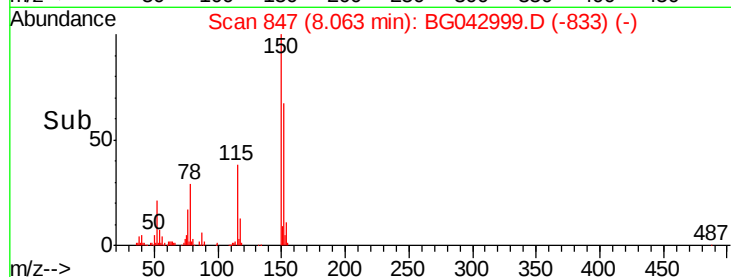
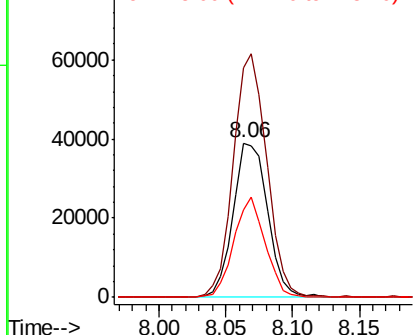


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

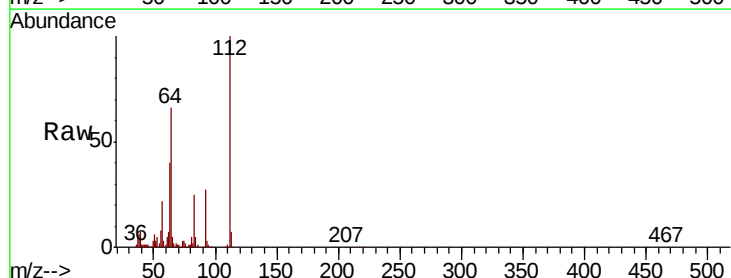
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 93.588 ng
 RT: 5.65 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BG042999.D
 Acq: 3 Oct 2019 00:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.6	84.8
63	39.8	35.1	52.7

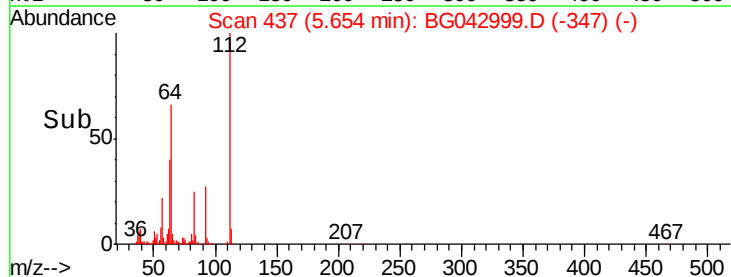
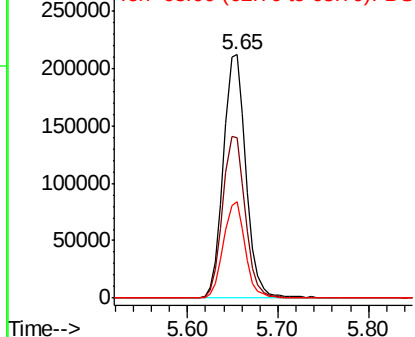


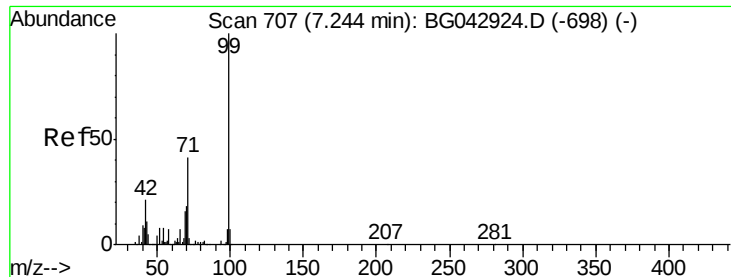
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 94.652 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042999.D

Acq: 3 Oct 2019 00:14

Instrument :

BNA_G

ClientSampleId :

TP-1

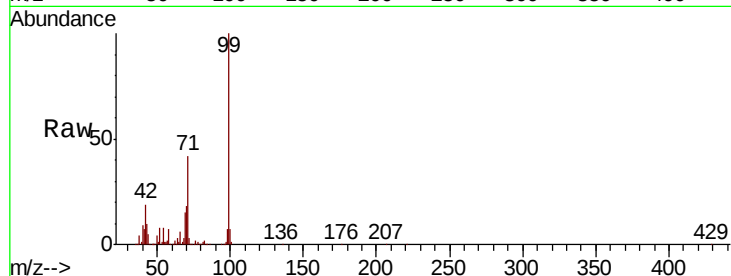
Tot Ion: 99 Resp: 534108

Ion Ratio Lower Upper

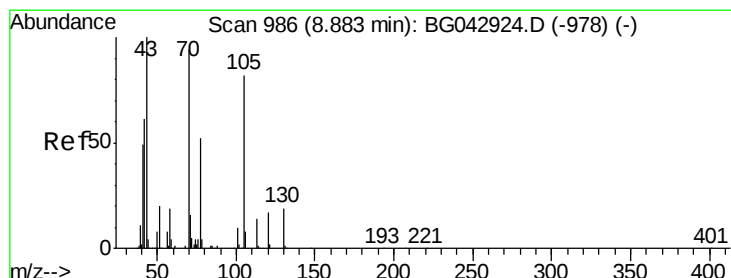
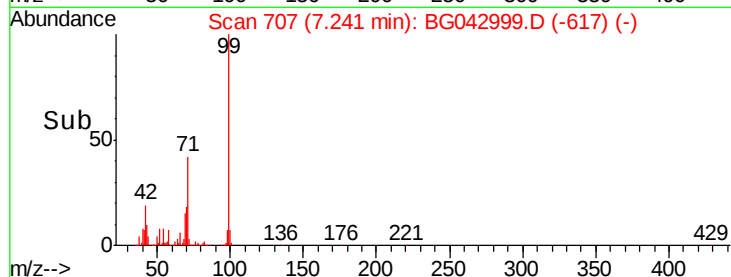
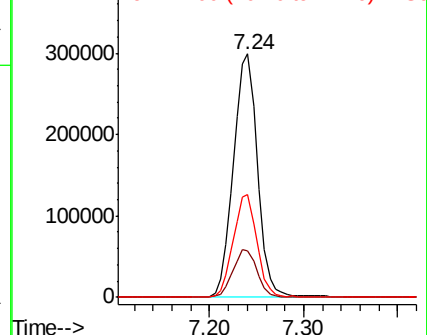
99 100

42 18.9 17.2 25.8

71 42.0 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: 12.544 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.34 min

Lab File: BG042999.D

Acq: 3 Oct 2019 00:14

Tgt Ion: 70 Resp: 46477

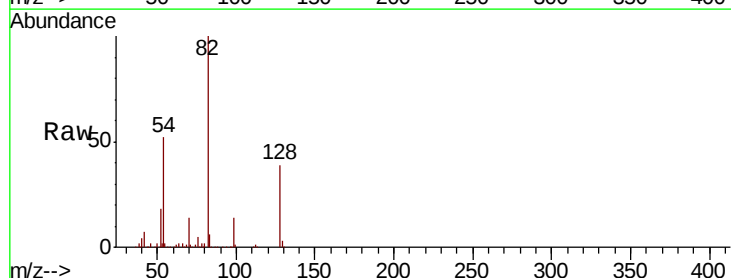
Ion Ratio Lower Upper

70 100

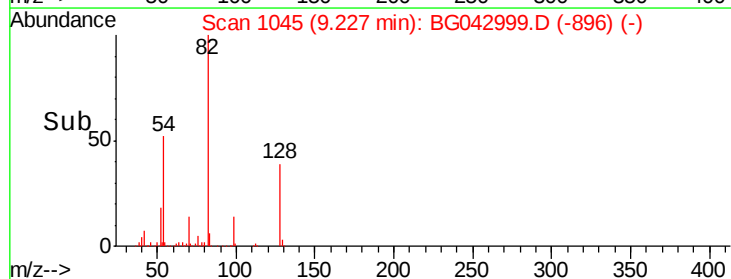
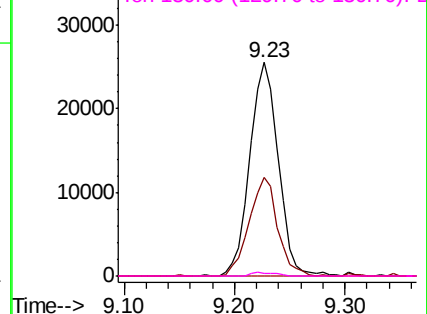
42 45.9 52.6 79.0#

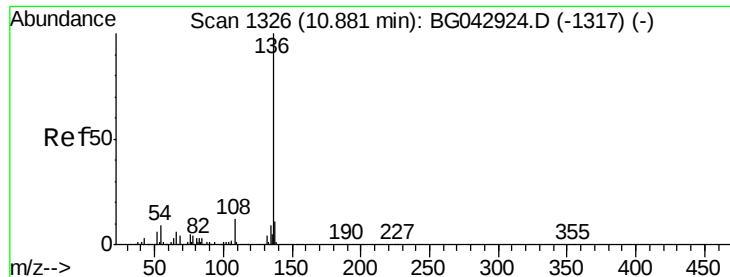
101 0.0 8.7 13.1#

130 1.0 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

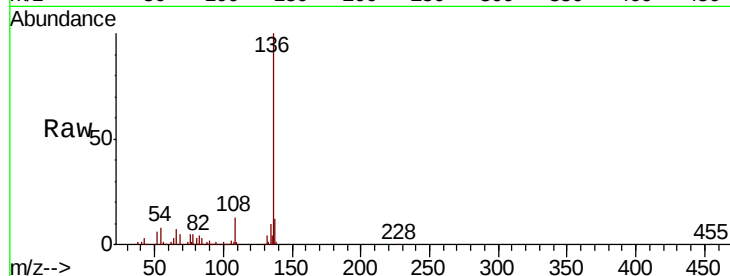




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042999.D
Acq: 3 Oct 2019 00:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:136	Resp: 266331
Ion Ratio	Lower Upper
136 100	
137 12.0	8.5 12.7
54 8.4	7.4 11.2
68 4.7	3.6 5.4



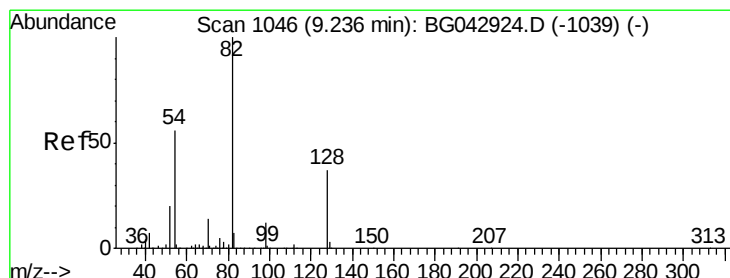
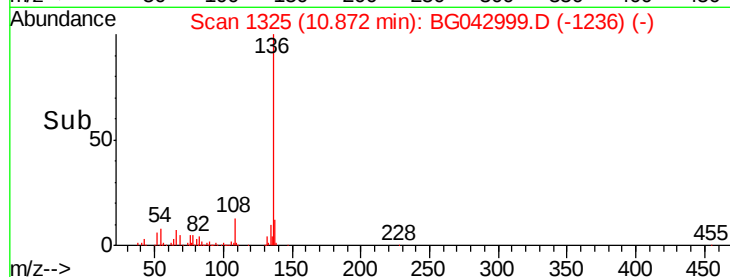
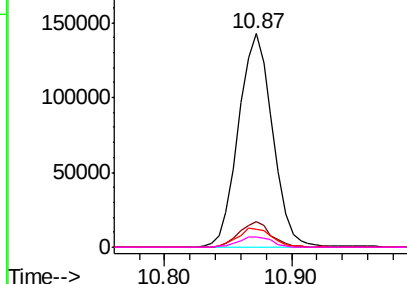
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

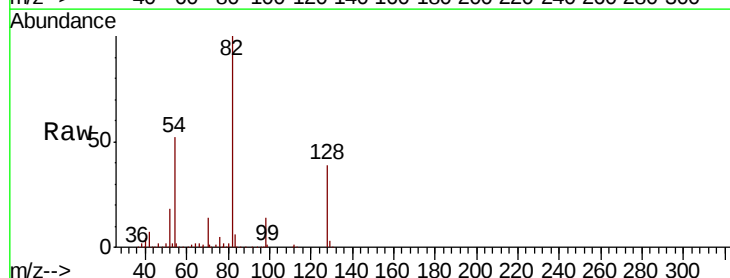
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 59.912 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042999.D
Acq: 3 Oct 2019 00:14

Tgt Ion	82	Resp: Lower	328286 Upper
	Ratio 100		
128	38.5	29.5	44.3
54	52.4	44.6	67.0

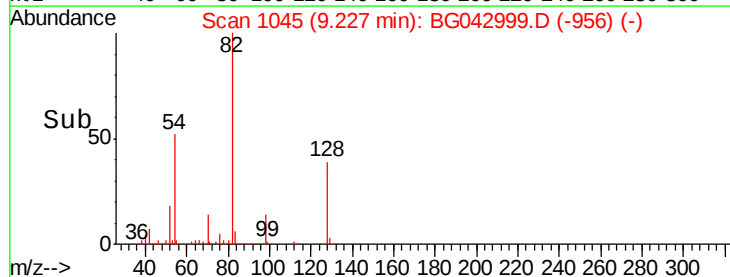
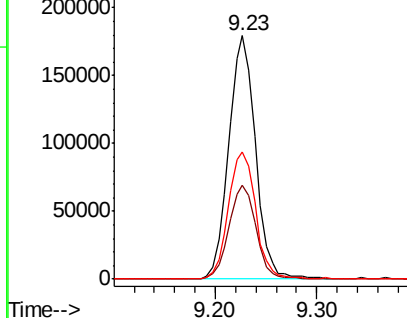


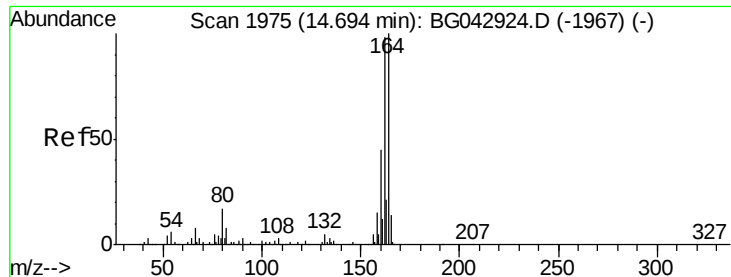
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042999.D

Acq: 3 Oct 2019 00:14

Instrument :

BNA_G

ClientSampleId :

TP-1

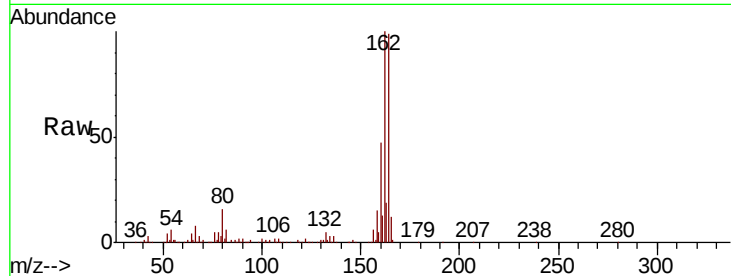
Tot Ion:164 Resp: 188874

Ion Ratio Lower Upper

164 100

162 101.4 78.5 117.7

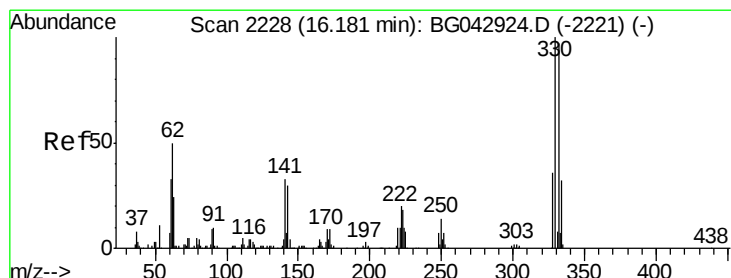
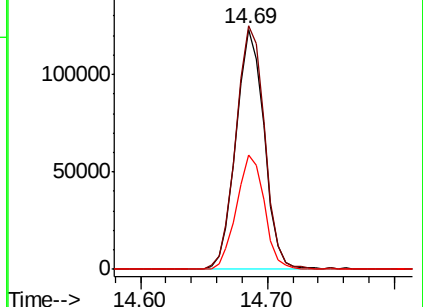
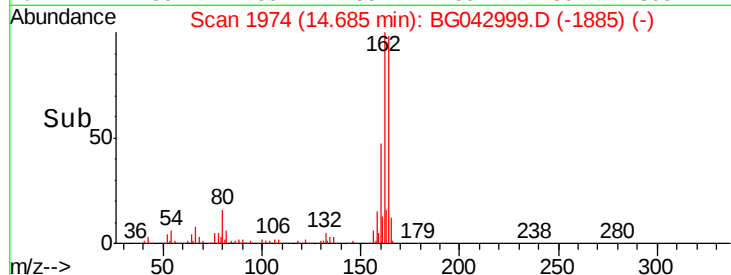
160 47.4 35.9 53.9



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: 85.967 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042999.D

Acq: 3 Oct 2019 00:14

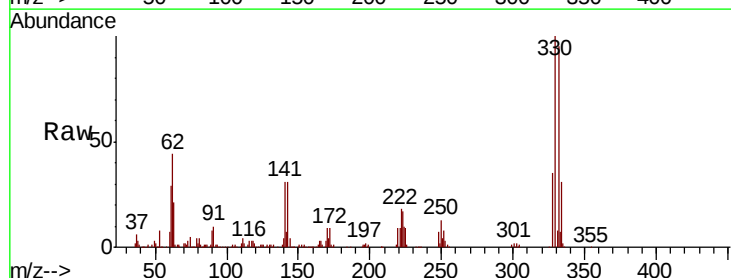
Tgt Ion:330 Resp: 279203

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.2

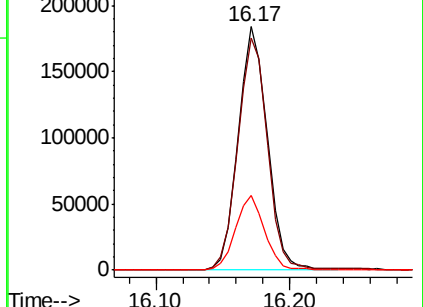
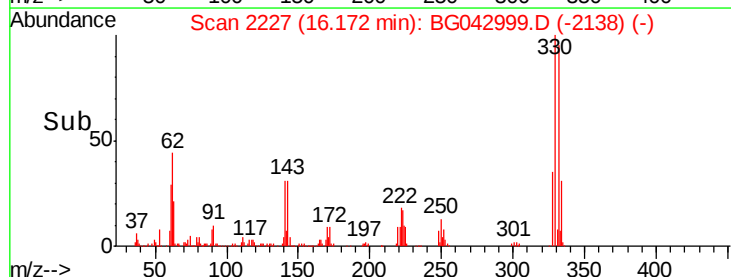
141 30.6 26.0 39.0

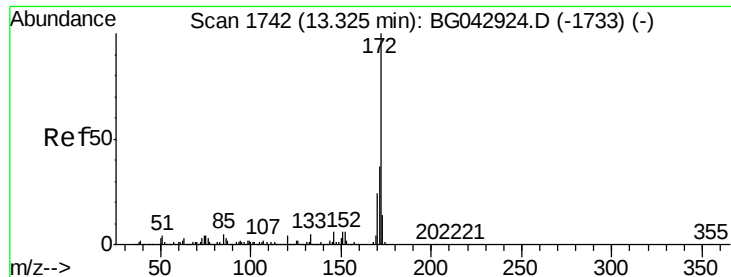


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

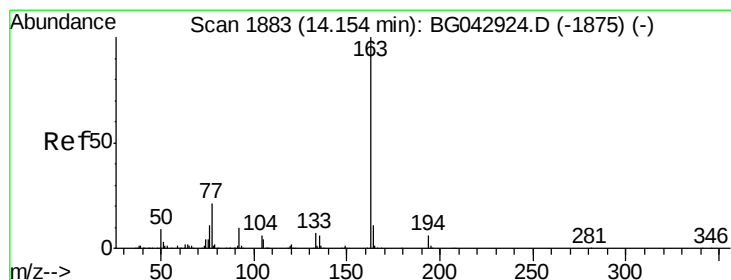
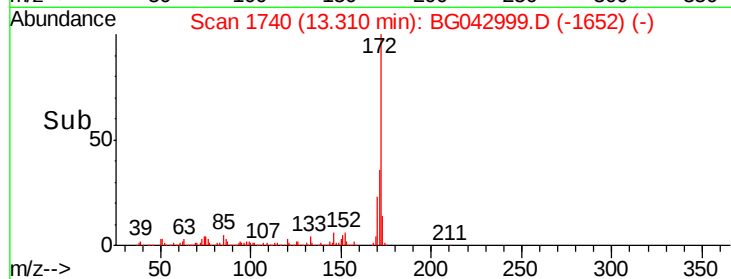
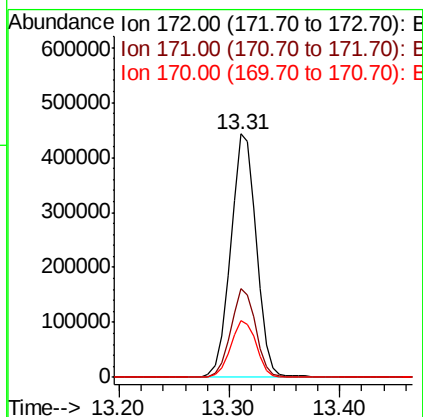
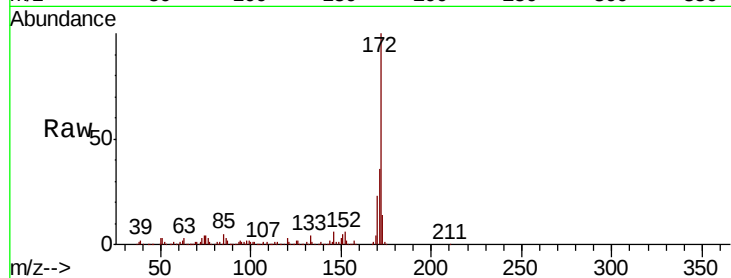




#45
2-Fluorobiphenyl
Concen: 55.520 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042999.D
Acq: 3 Oct 2019 00:14

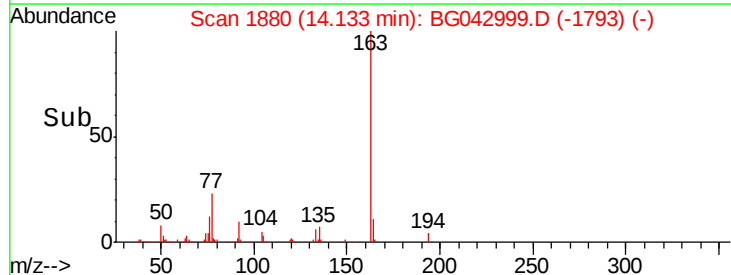
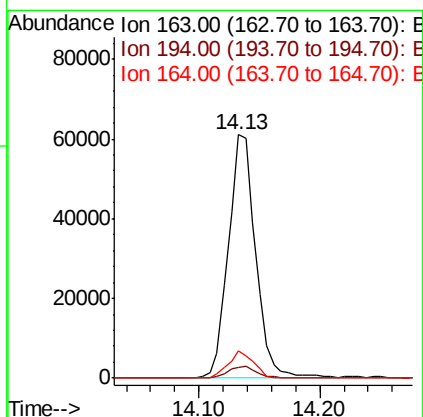
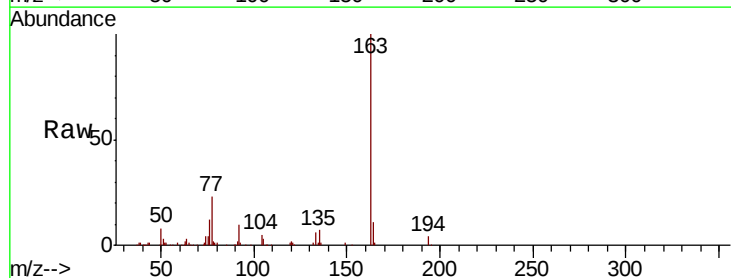
Instrument :
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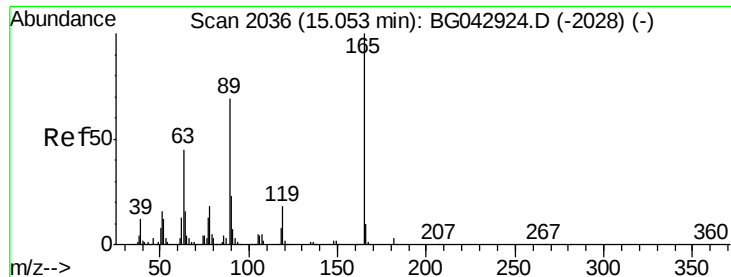
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.4	19.6	29.4



#50
Dimethylphthalate
Concen: 6.808 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042999.D
Acq: 3 Oct 2019 00:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.4	6.6#
164	11.1	8.6	12.8

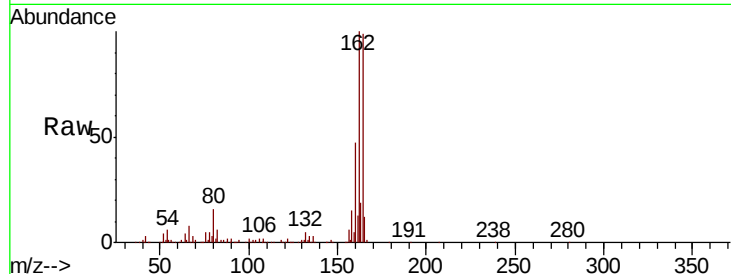




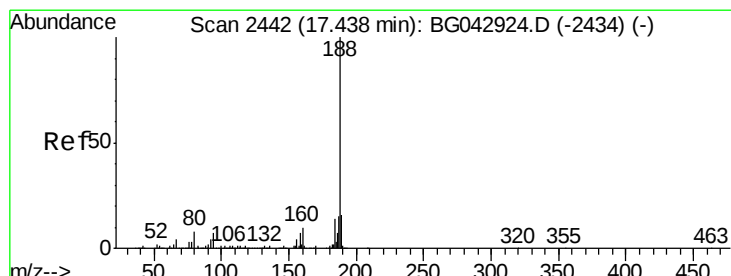
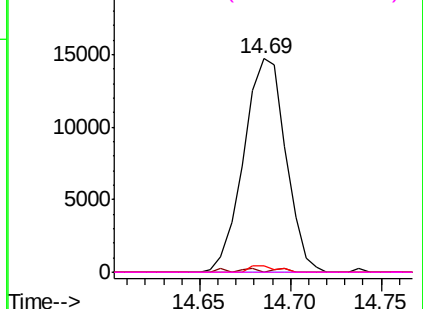
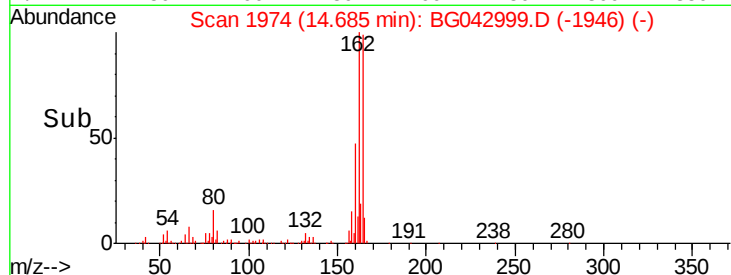
#57
 2,4-Dinitrotoluene
 Concen: 5.382 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.37 min
 Lab File: BG042999.D
 Acq: 3 Oct 2019 00:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	2.8	55.5	83.3#
182	0.0	2.4	3.6#

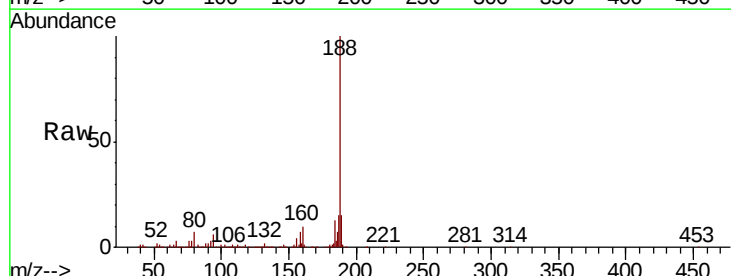


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

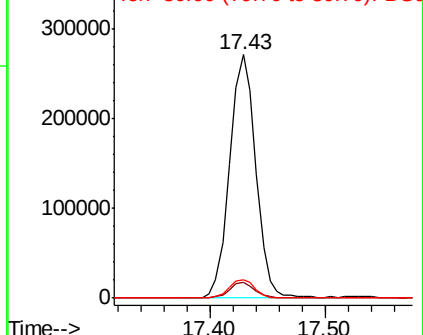
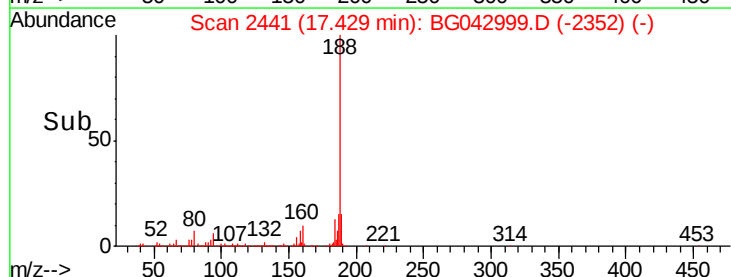


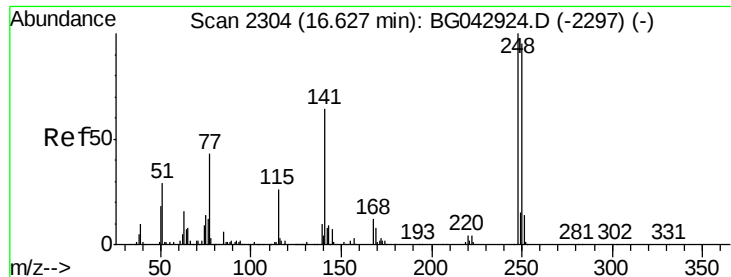
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG042999.D
 Acq: 3 Oct 2019 00:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.7	8.5
80	7.5	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: 3.429 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.46 min

Lab File: BG042999.D

Acq: 3 Oct 2019 00:14

Instrument :

BNA_G

ClientSampleId :

TP-1

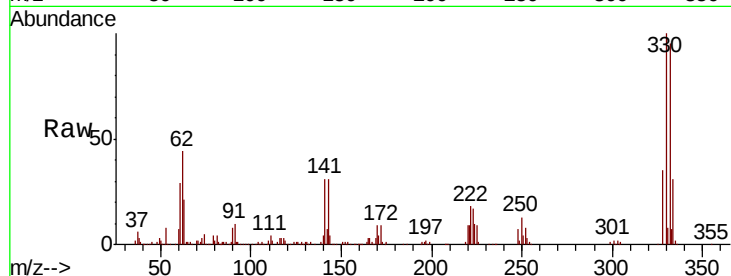
Tot Ion:248 Resp: 18339

Ion Ratio Lower Upper

248 100

250 184.9 75.8 113.8#

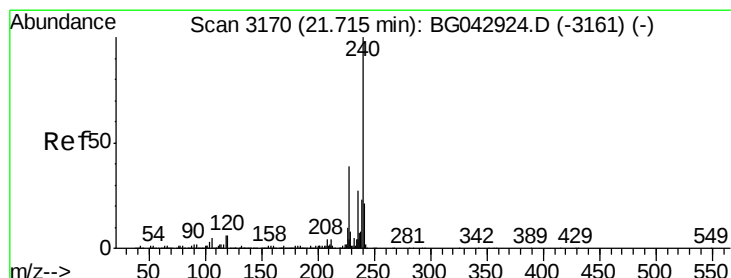
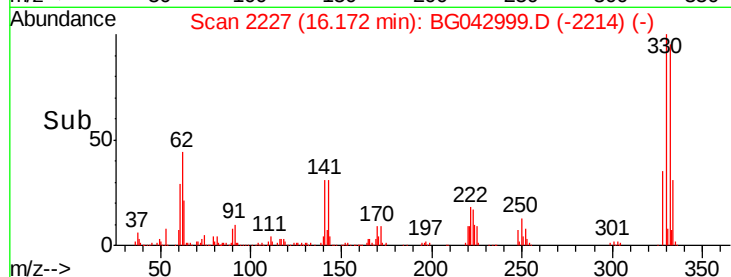
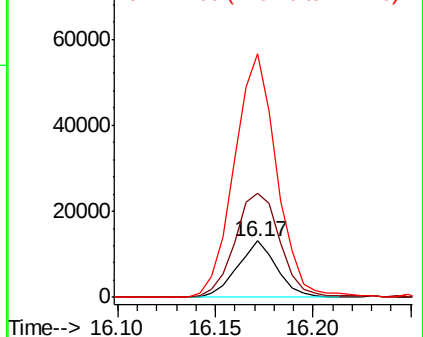
141 430.6 51.1 76.7#



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: BG042999.D

Acq: 3 Oct 2019 00:14

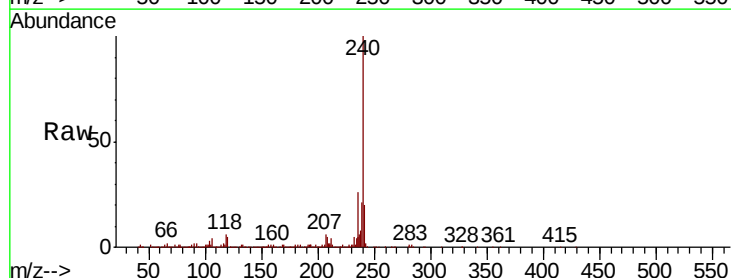
Tgt Ion:240 Resp: 457165

Ion Ratio Lower Upper

240 100

120 5.3 4.8 7.2

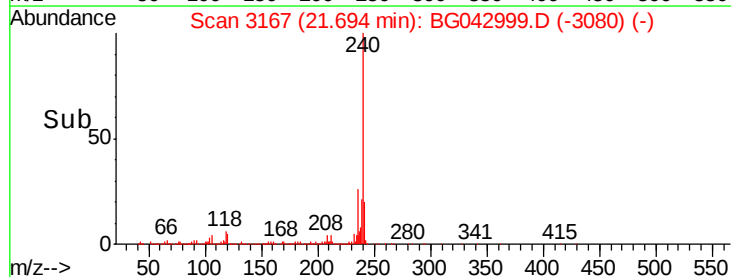
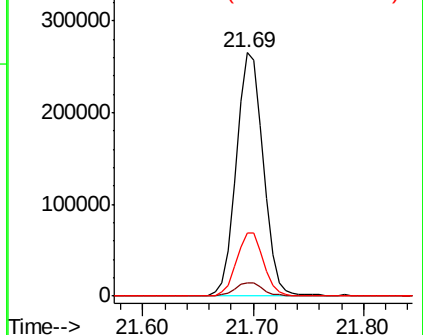
236 25.7 21.4 32.0

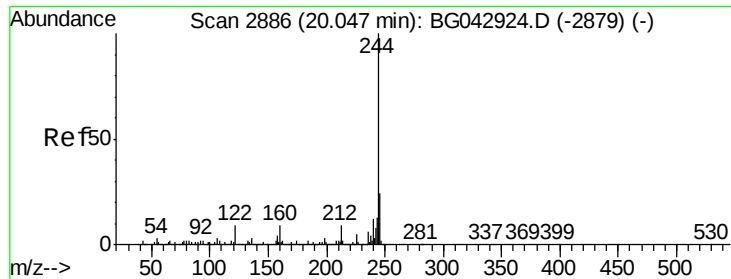


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.033 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042999.D

Acq: 3 Oct 2019 00:14

Instrument :

BNA_G

ClientSampleId :

TP-1

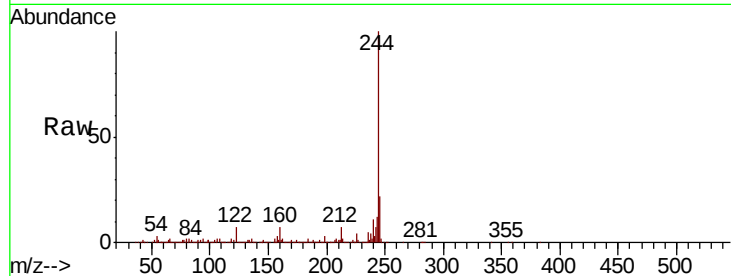
Tot Ion:244 Resp: 1223600

Ion Ratio Lower Upper

244 100

212 7.4 7.4 11.0

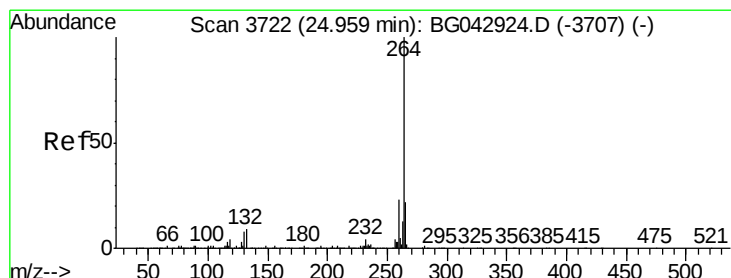
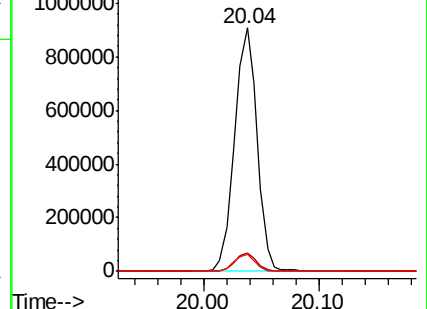
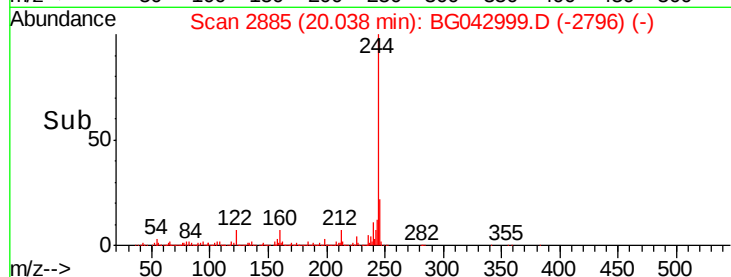
122 6.9 7.0 10.4#



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: BG042999.D

Acq: 3 Oct 2019 00:14

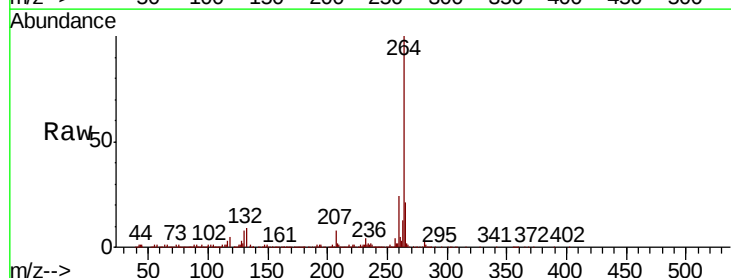
Tgt Ion:264 Resp: 533068

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.5 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

