

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042676.D
 Acq On : 2 Sep 2019 00:24
 Operator : HP/JU
 Sample : K4554-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 07:30:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

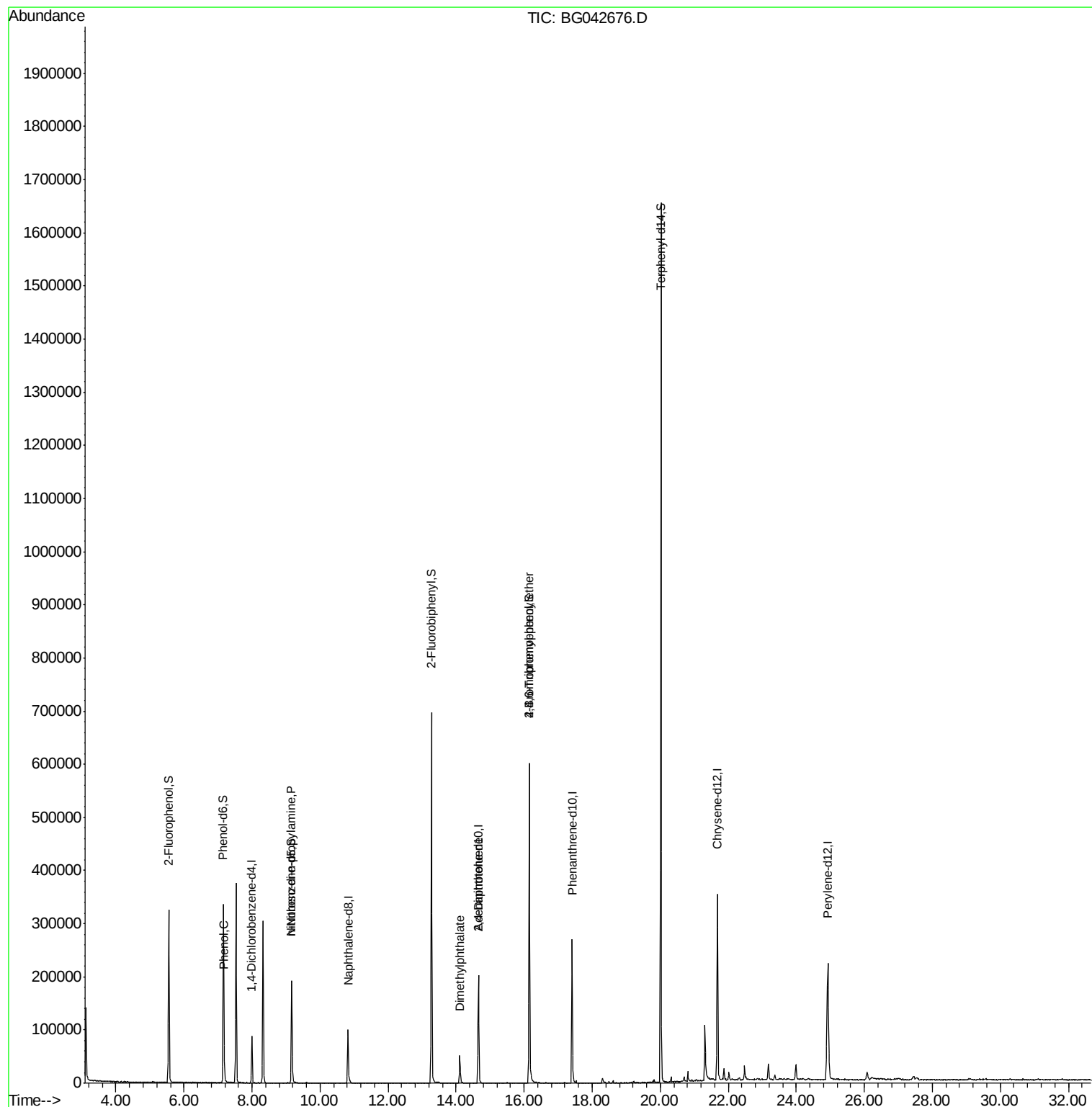
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29018	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	111617	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	86220	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	219408	20.00	ng	0.00
76) Chrysene-d12	21.68	240	247139	20.00	ng	-0.01
87) Perylene-d12	24.92	264	284392	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	166705	116.35	ng	0.00
7) Phenol-d6	7.16	99	224494	116.00	ng	-0.01
23) Nitrobenzene-d5	9.16	82	129379	80.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	166338	135.73	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	439029	86.12	ng	0.00
79) Terphenyl-d14	20.02	244	926253	81.03	ng	0.00
Target Compounds						
10) Phenol	7.18	94	7559	3.841	ng	# 72
19) n-Nitroso-di-n-propylamine	9.16	70	17220	13.734	ng	# 75
50) Dimethylphthalate	14.10	163	58114	9.341	ng	99
57) 2,4-Dinitrotoluene	14.66	165	11524	5.581	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11000	3.953	ng	# 1

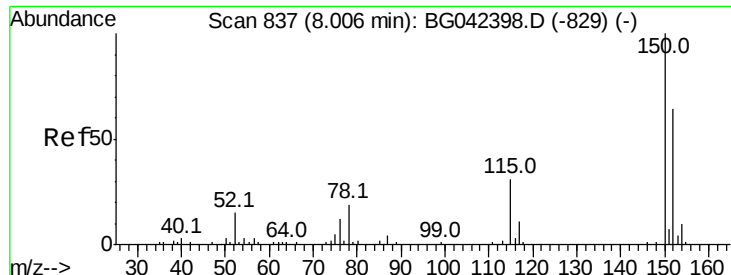
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
Data File : BG042676.D
Acq On : 2 Sep 2019 00:24
Operator : HP/JU
Sample : K4554-26
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 02 07:30:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



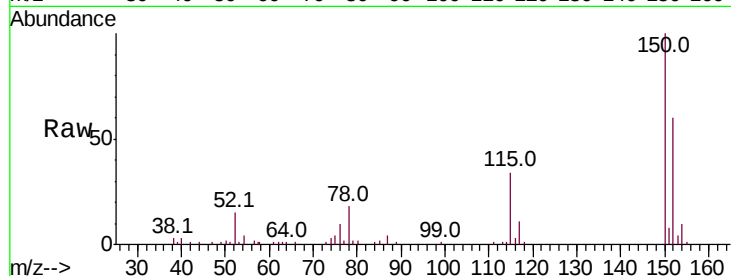


#1

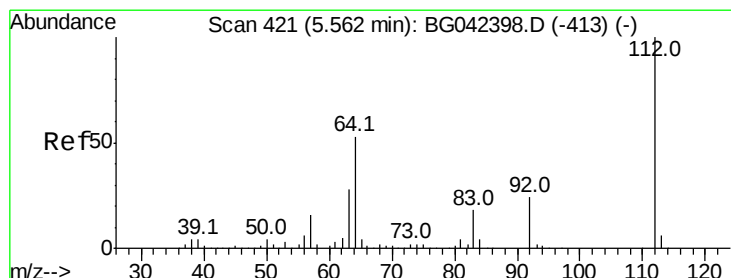
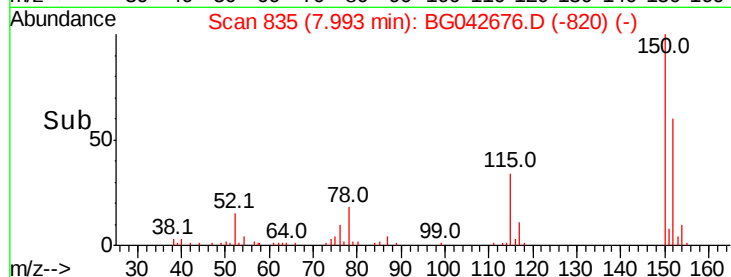
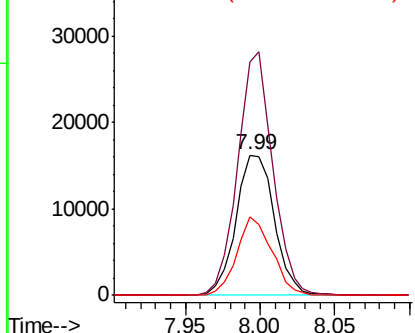
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042676.D
 Acq: 2 Sep 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 29018
 Ion Ratio Lower Upper
 152 100
 150 166.7 125.4 188.0
 115 56.3 38.5 57.7



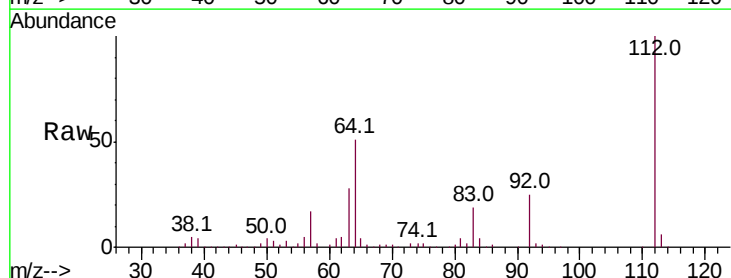
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



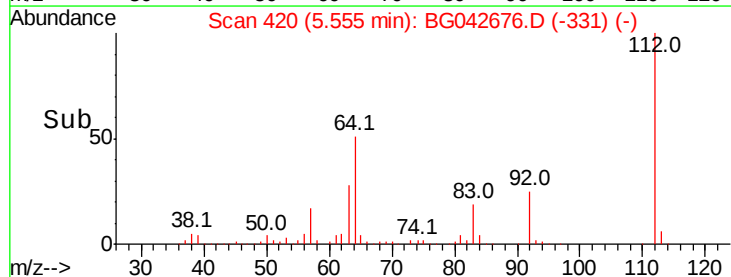
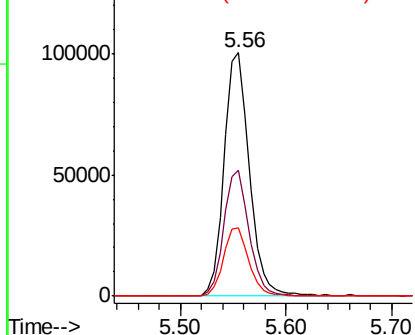
#5

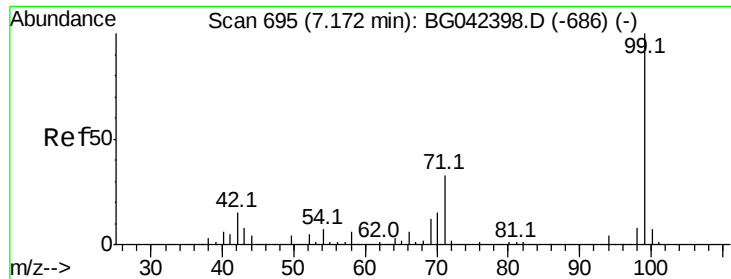
2-Fluorophenol
 Concen: 116.351 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042676.D
 Acq: 2 Sep 2019 00:24

Tgt Ion:112 Resp: 166705
 Ion Ratio Lower Upper
 112 100
 64 51.5 42.8 64.2
 63 28.1 22.7 34.1



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: 115.996 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042676.D

Acq: 2 Sep 2019 00:24

Instrument :

BNA_G

ClientSampleId :

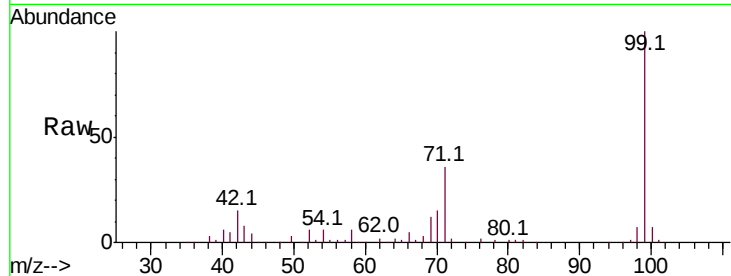
Tot Ion: 99 Resp: 224494

Ion Ratio Lower Upper

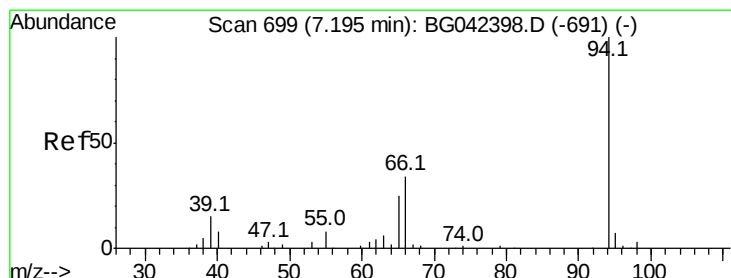
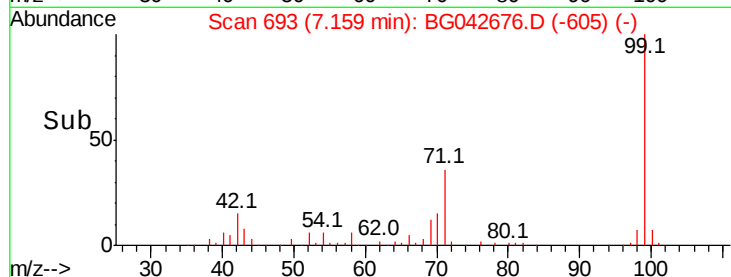
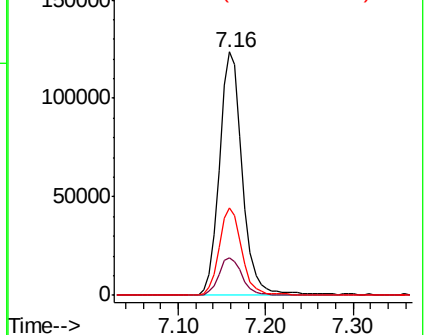
99 100

42 15.4 12.0 18.0

71 36.1 26.3 39.5



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: 3.841 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042676.D

Acq: 2 Sep 2019 00:24

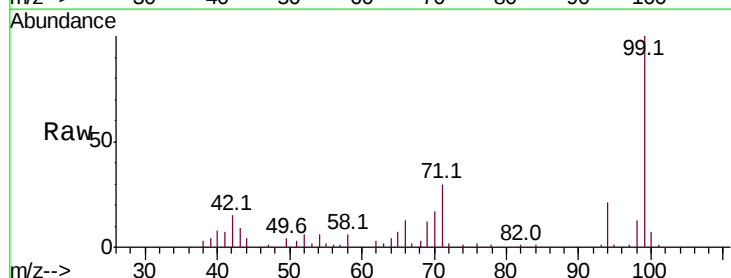
Tgt Ion: 94 Resp: 7559

Ion Ratio Lower Upper

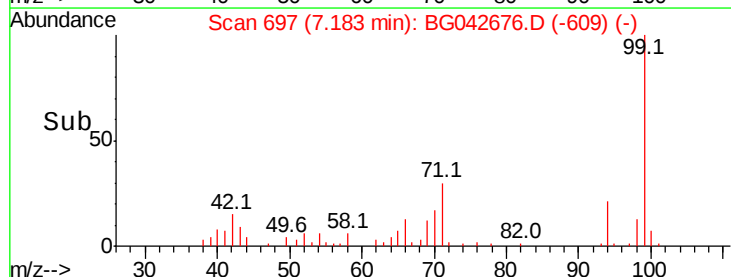
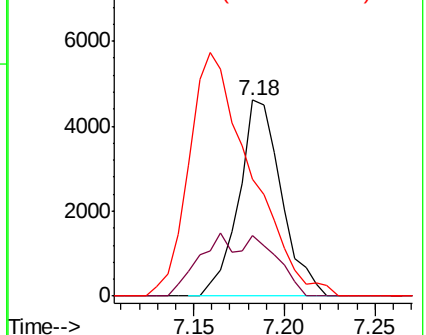
94 100

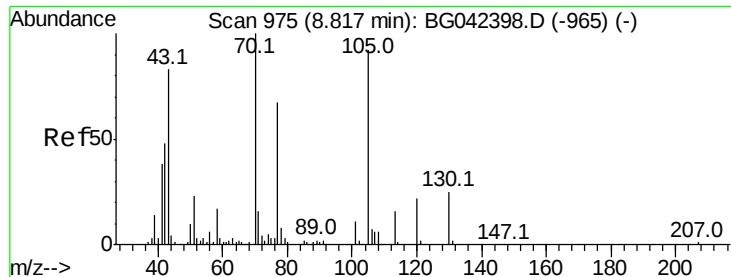
65 31.2 5.6 45.6

66 59.8 16.0 56.0#



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

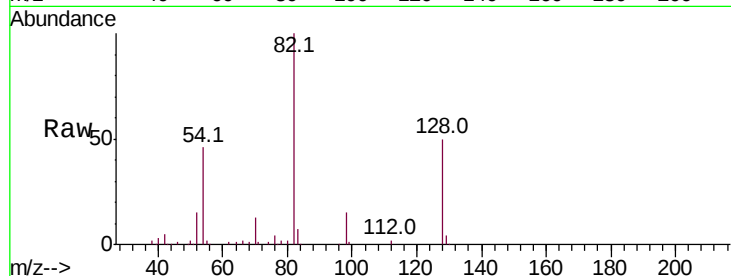




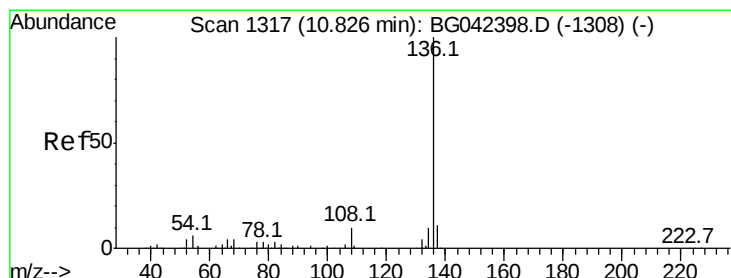
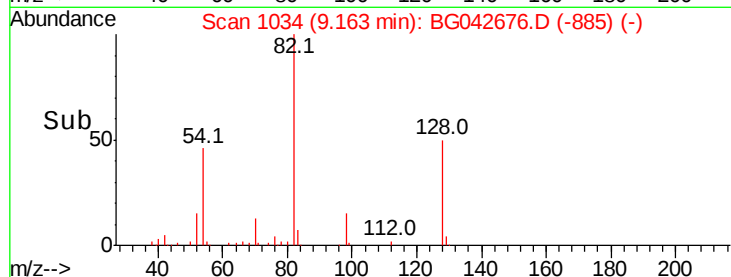
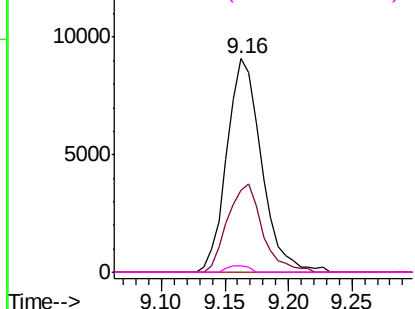
#19
n-Nitroso-di-n-propylamine
Concen: 13.734 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042676.D
Acq: 2 Sep 2019 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 17220
Ion Ratio Lower Upper
70 100
42 38.4 38.8 58.2#
101 0.0 9.0 13.6#
130 3.0 20.0 30.0#

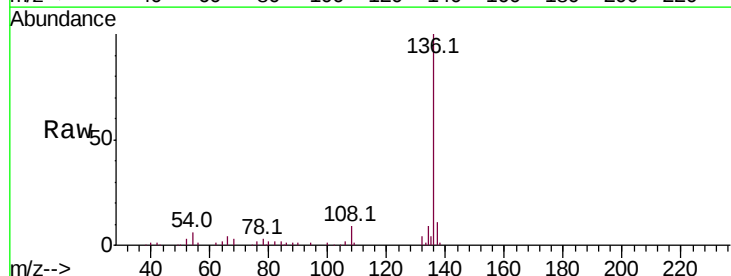


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

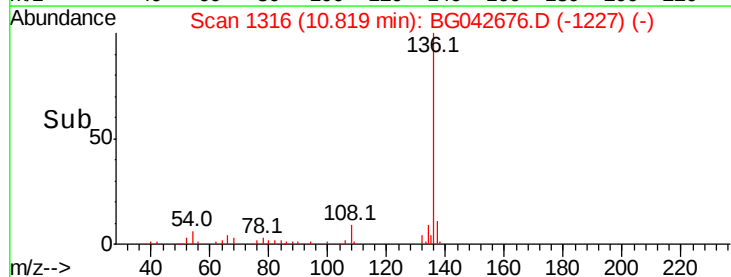
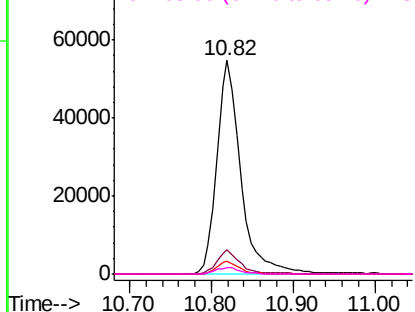


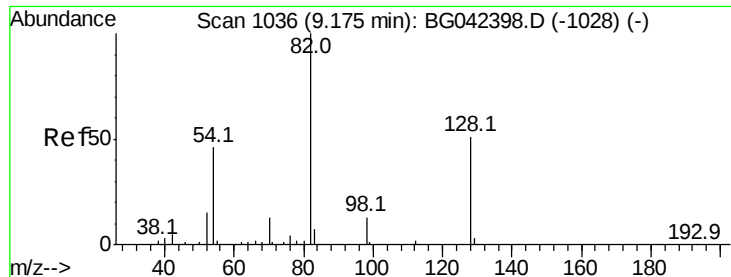
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042676.D
Acq: 2 Sep 2019 00:24

Tgt Ion:136 Resp: 111617
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 5.9 4.9 7.3
68 3.0 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

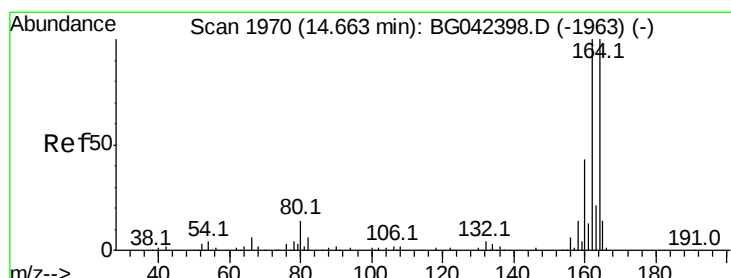
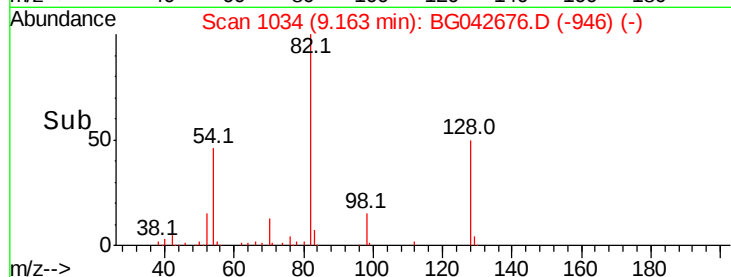
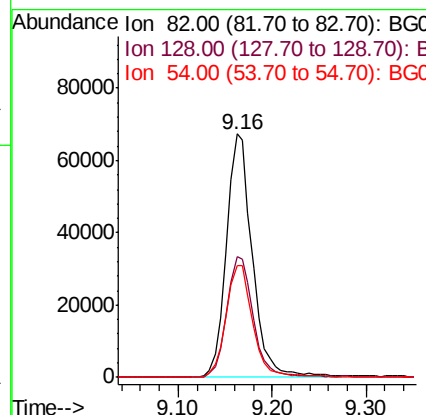
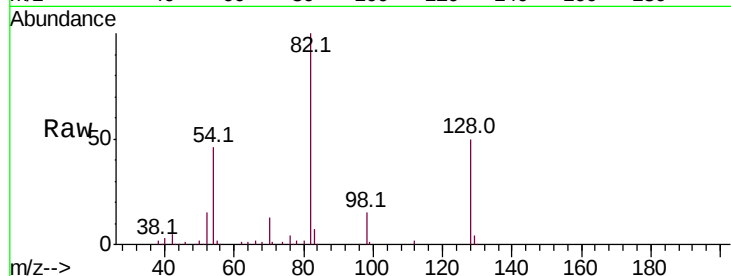




#23
 Nitrobenzene-d5
 Concen: 80.101 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042676.D
 Acq: 2 Sep 2019 00:24

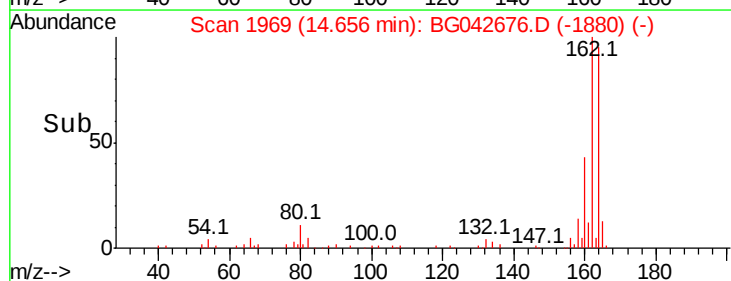
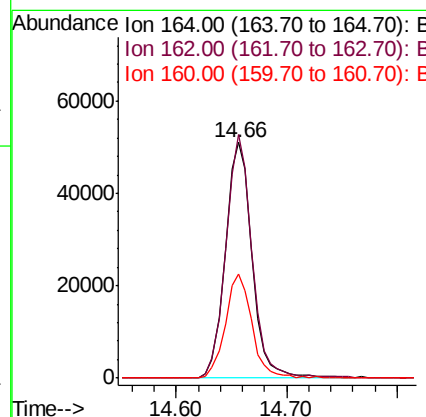
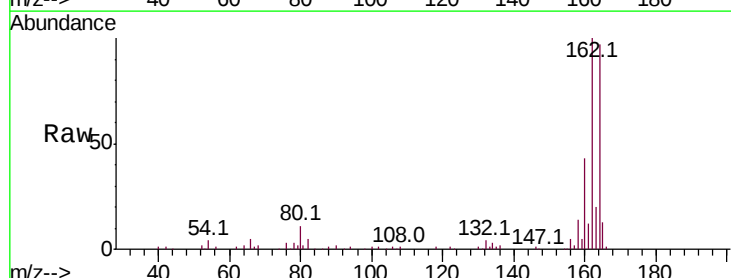
Instrument :
 BNA_G
 ClientSampled :

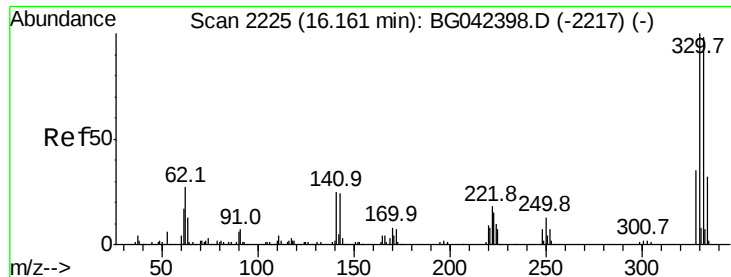
Tot Ion	82	Resp	129379
Ion Ratio	Lower	Upper	
82	100		
128	49.8	40.7	61.1
54	46.0	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042676.D
 Acq: 2 Sep 2019 00:24

Tgt Ion	164	Resp	86220
Ion Ratio	Lower	Upper	
164	100		
162	103.3	79.9	119.9
160	44.0	34.3	51.5

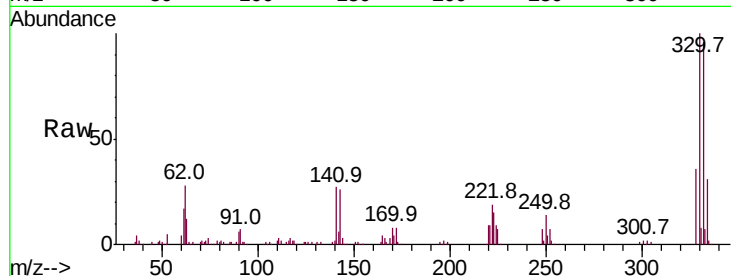




#42
 2,4,6-Tribromophenol
 Concen: 135.733 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042676.D
 Acq: 2 Sep 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	26.8	21.4	32.0

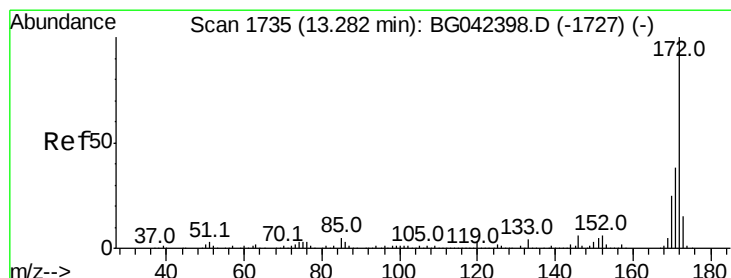
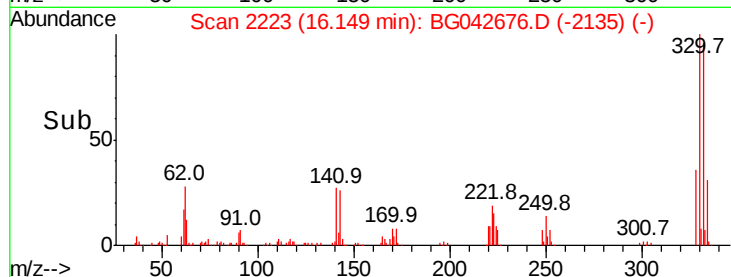
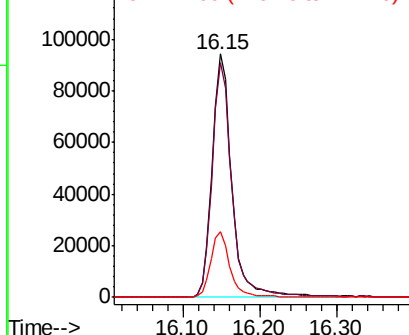


Abundance

Ion 329.80 (329.50 to 330.50): E

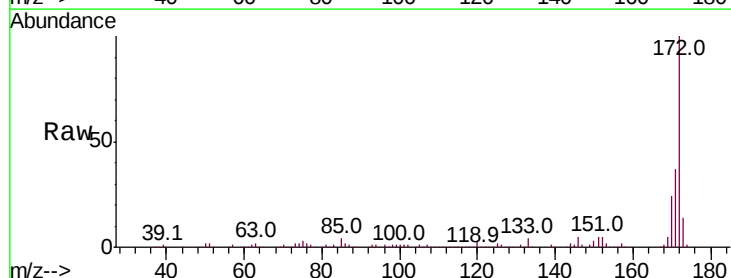
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.120 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042676.D
 Acq: 2 Sep 2019 00:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.9	20.2	30.2

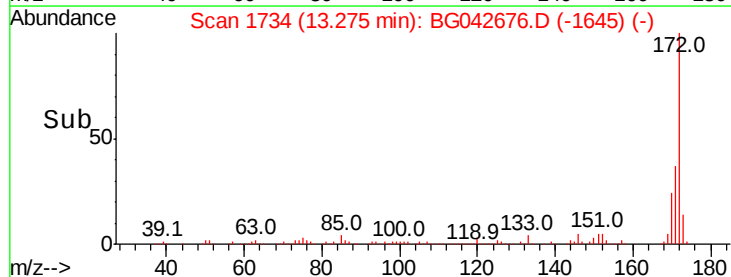
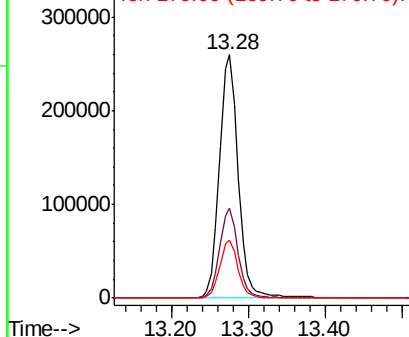


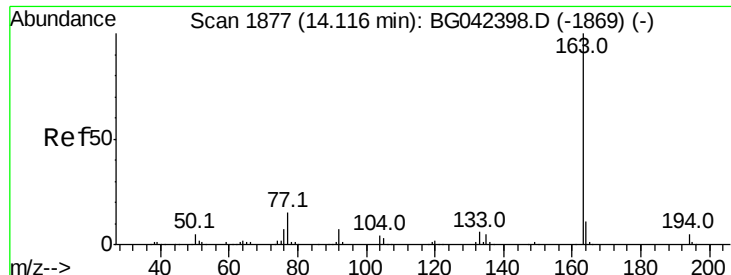
Abundance

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

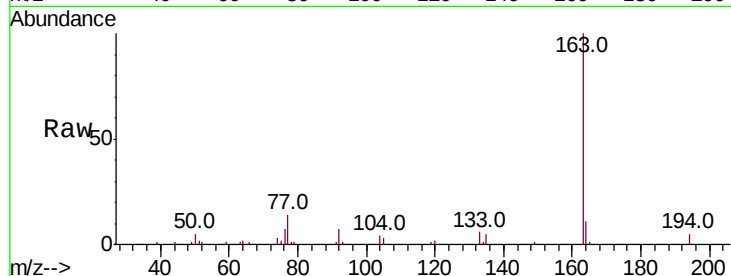




#50
Dimethylphthalate
Concen: 9.341 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042676.D
Acq: 2 Sep 2019 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	11.4	8.8	13.2

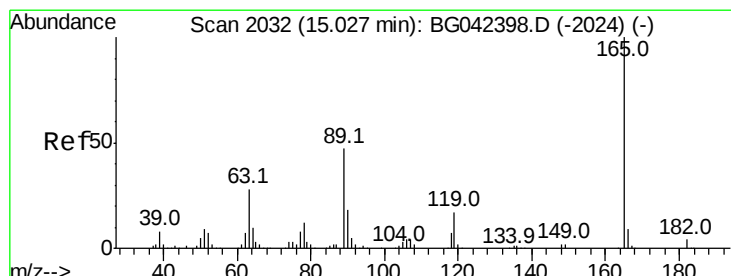
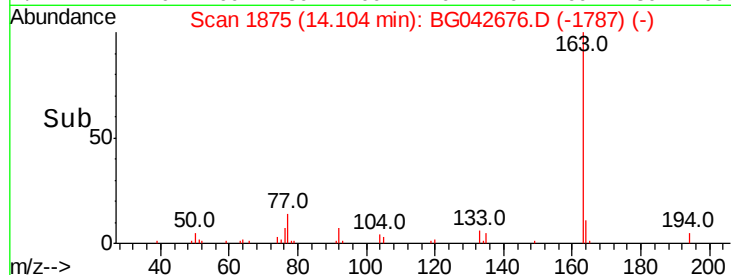
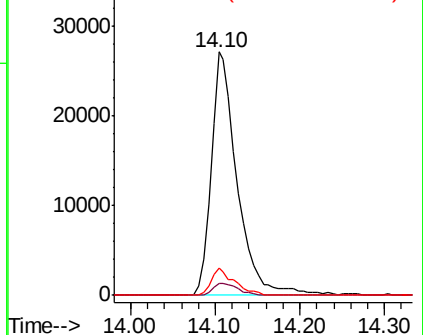


Abundance

Ion 163.00 (162.70 to 163.70): E

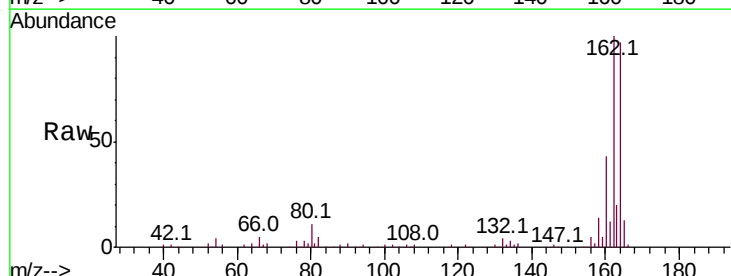
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 5.581 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042676.D
Acq: 2 Sep 2019 00:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



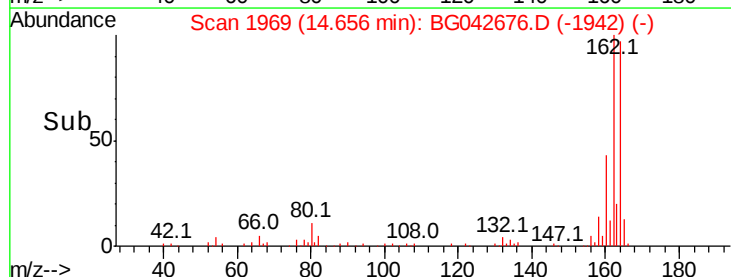
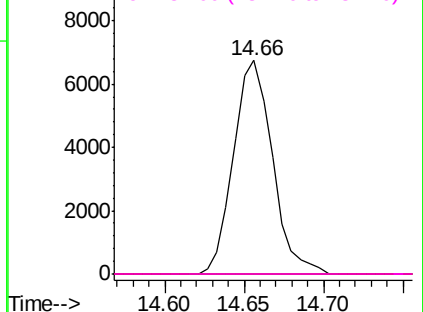
Abundance

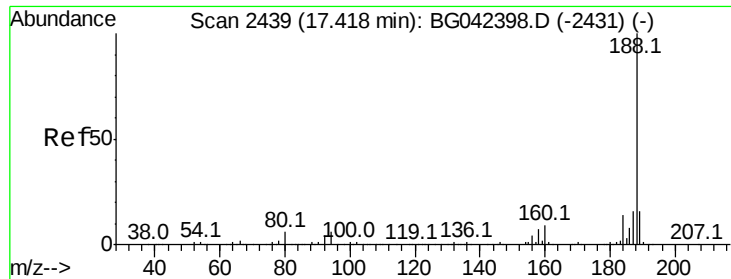
Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042676.D

Acq: 2 Sep 2019 00:24

Instrument :

BNA_G

ClientSampleId :

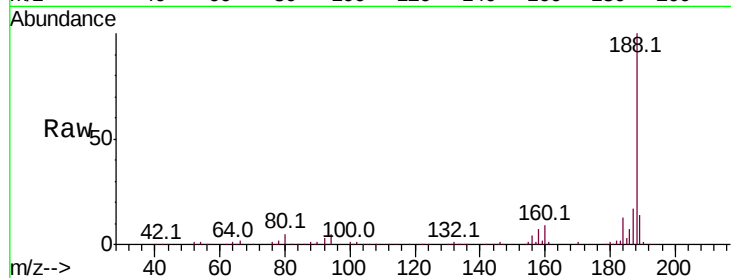
Tot Ion:188 Resp: 219408

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

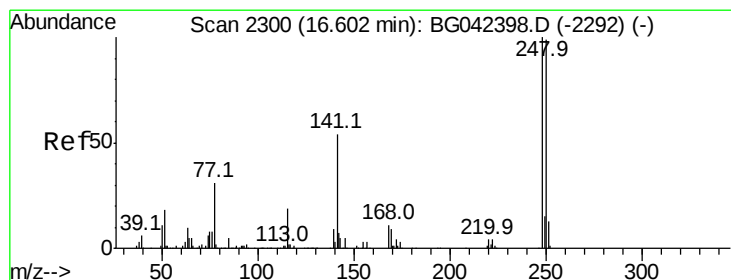
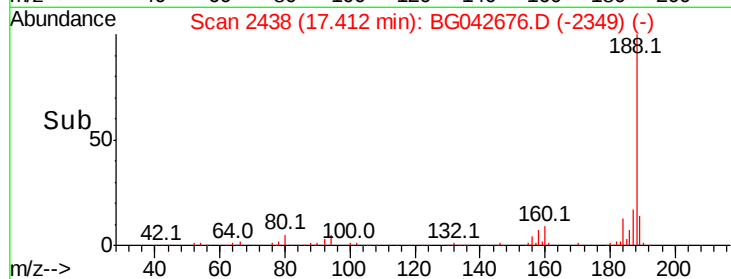
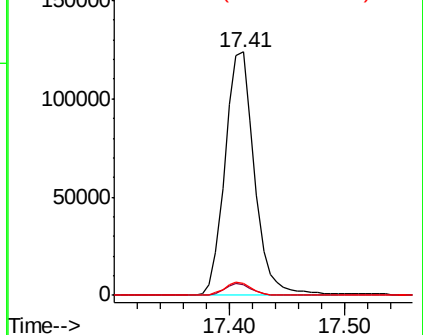
80 4.7 4.9 7.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 3.953 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042676.D

Acq: 2 Sep 2019 00:24

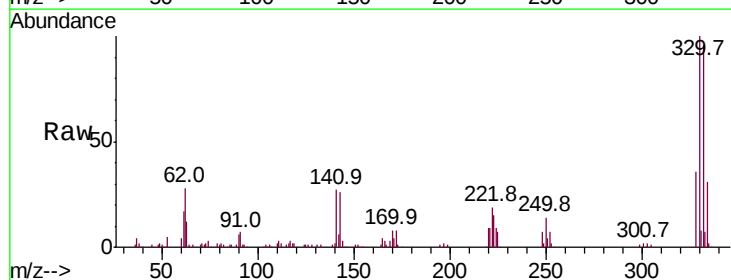
Tgt Ion:248 Resp: 11000

Ion Ratio Lower Upper

248 100

250 208.9 78.9 118.3#

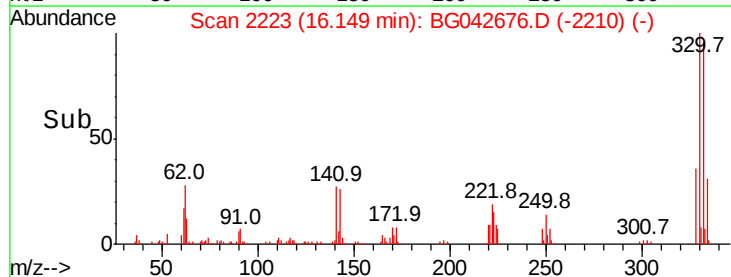
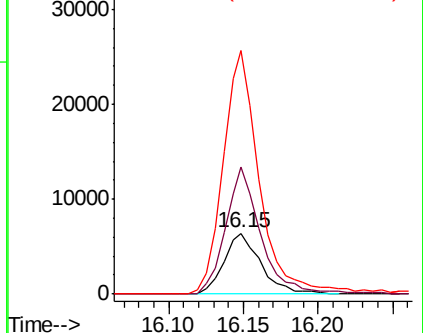
141 399.8 43.3 64.9#

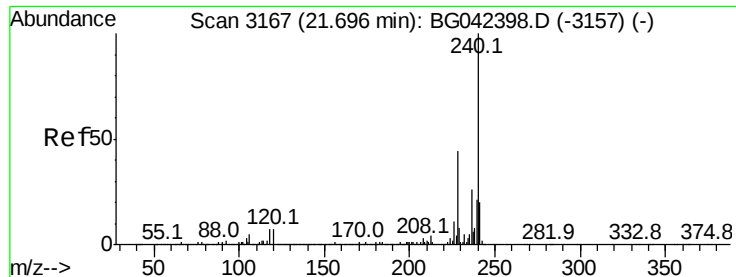


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042676.D

Acq: 2 Sep 2019 00:24

Instrument :

BNA_G

ClientSampleId :

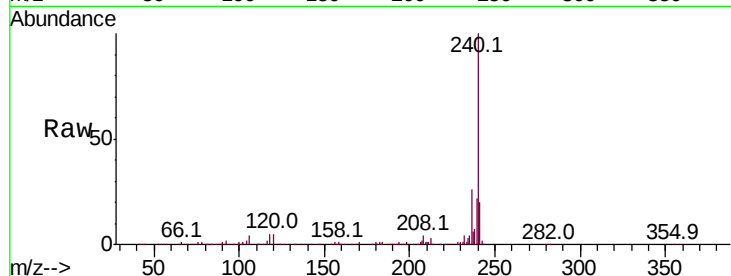
Tot Ion:240 Resp: 247139

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

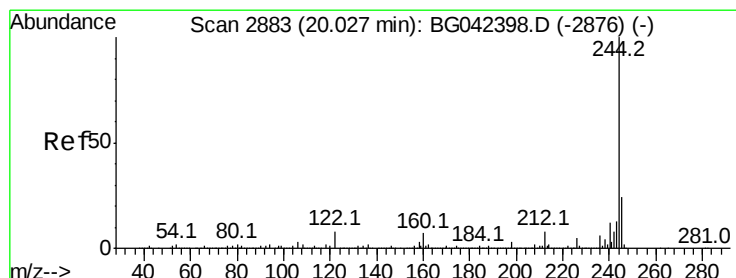
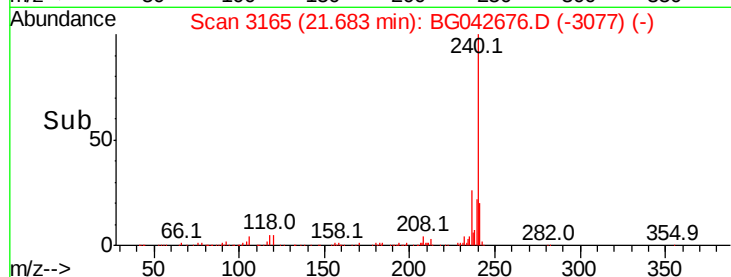
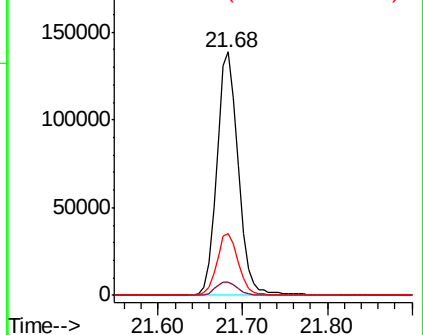
236 25.6 21.0 31.4



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: 81.027 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042676.D

Acq: 2 Sep 2019 00:24

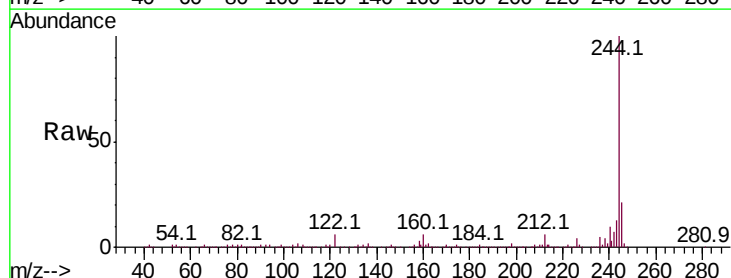
Tgt Ion:244 Resp: 926253

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

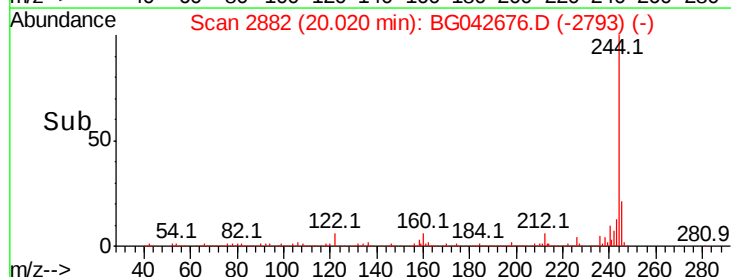
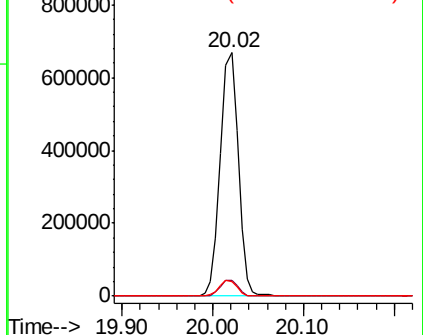
122 6.0 6.7 10.1#

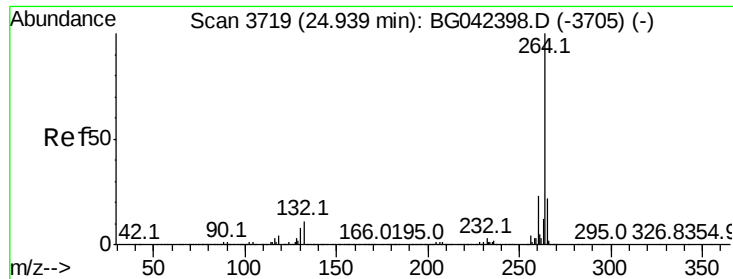


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
 Lab File: BG042676.D
 Acq: 2 Sep 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	22.1	17.6	26.4

