

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042675.D
 Acq On : 1 Sep 2019 23:45
 Operator : HP/JU
 Sample : K4554-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 07:30:48 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

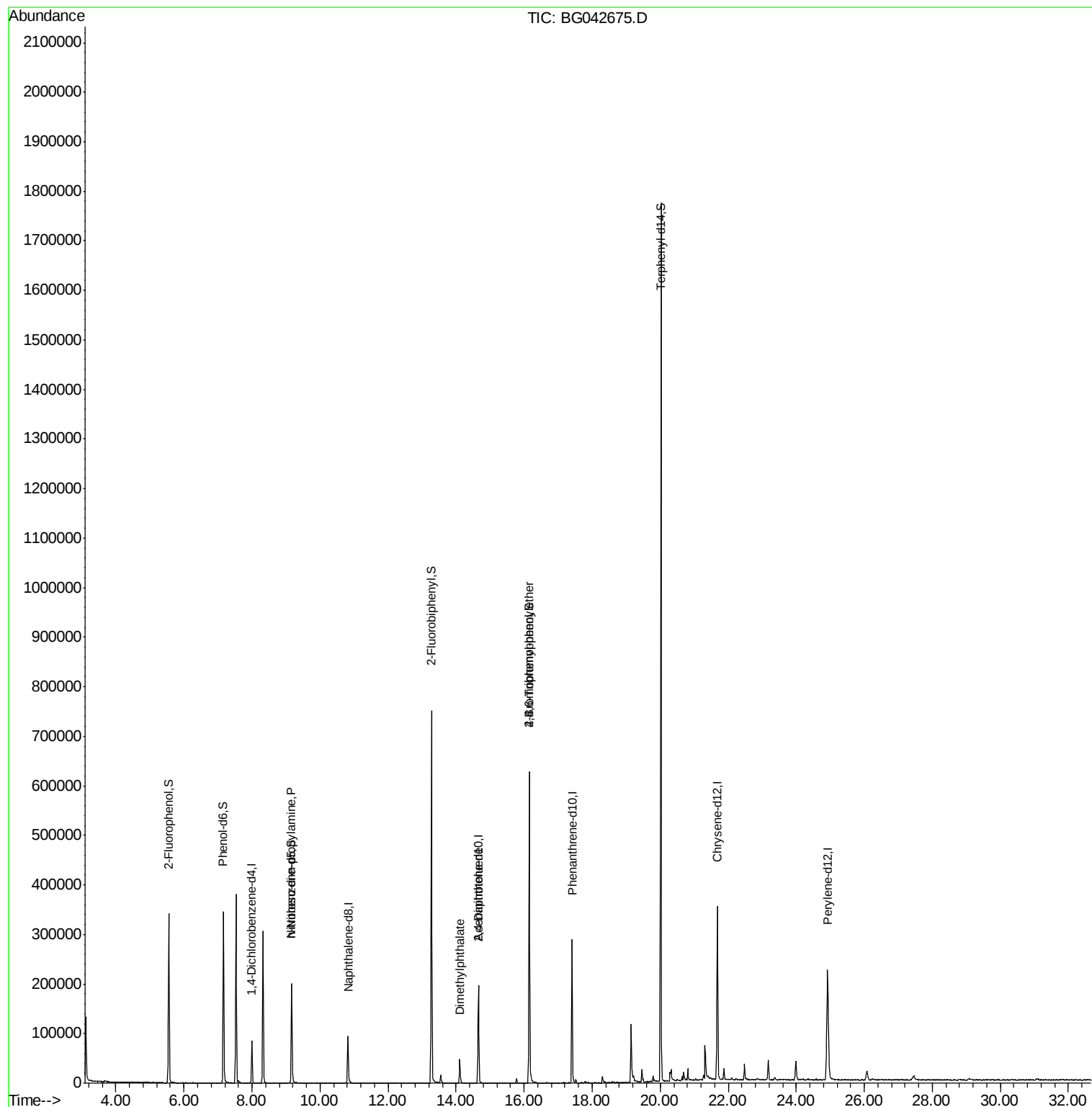
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28137	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	108819	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	86456	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	214588	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	241034	20.00	ng	-0.02
87) Perylene-d12	24.92	264	283711	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	174148	125.35	ng	0.00
7) Phenol-d6	7.16	99	233945	124.66	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133071	84.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	171561	139.61	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	473464	92.62	ng	0.00
79) Terphenyl-d14	20.02	244	968167	86.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	17743	14.594	ng	# 75
50) Dimethylphthalate	14.10	163	49683	7.964	ng	# 98
57) 2,4-Dinitrotoluene	14.66	165	10625	5.131	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11925	4.381	ng	# 1

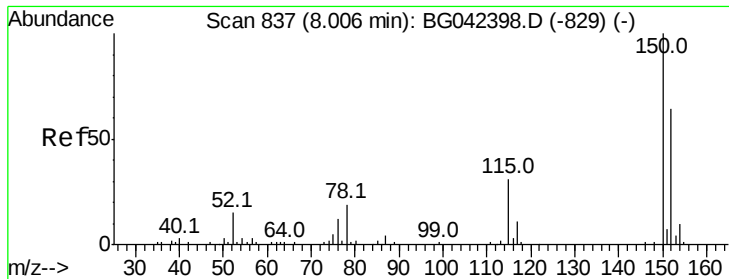
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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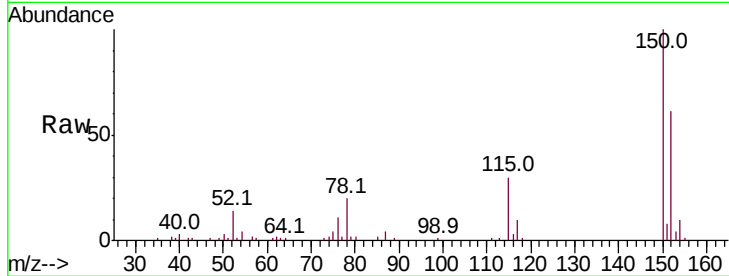


#1

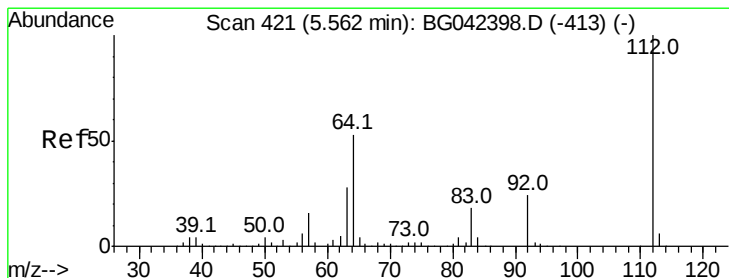
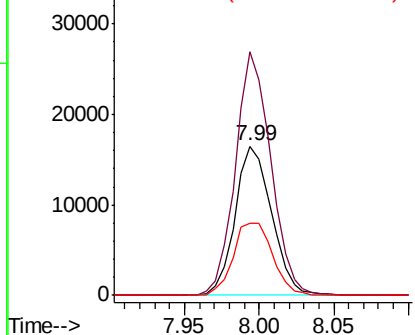
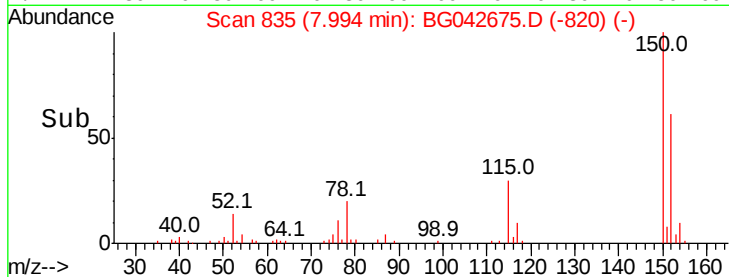
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28137
Ion Ratio Lower Upper
152 100
150 163.1 125.4 188.0
115 48.6 38.5 57.7



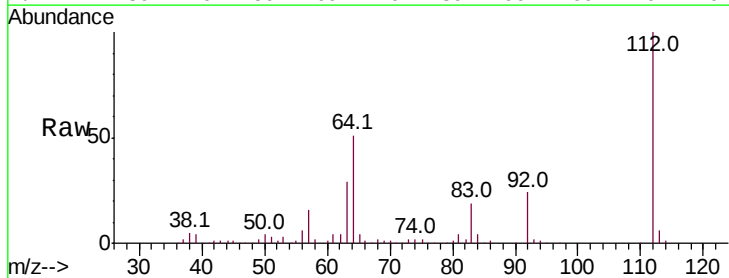
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



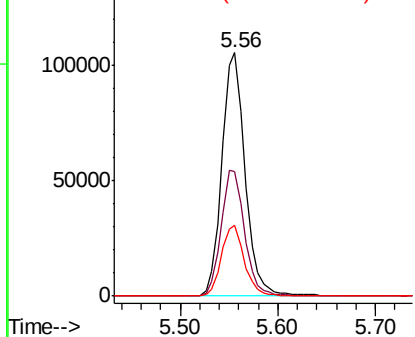
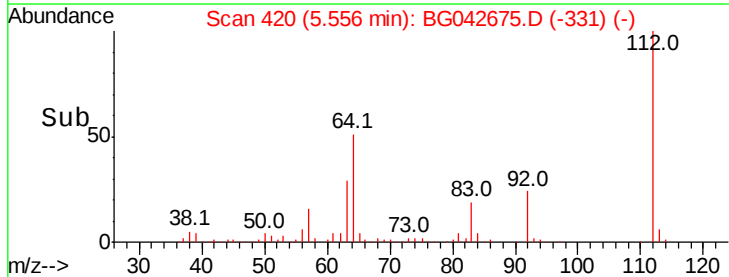
#5

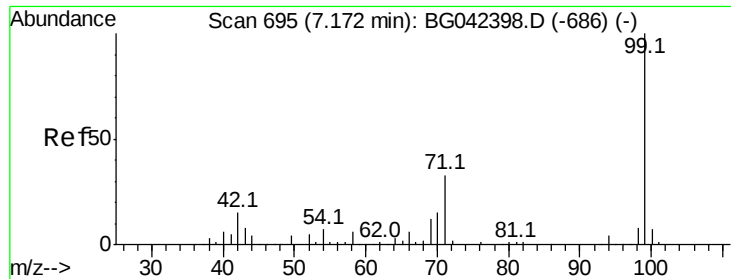
2-Fluorophenol
Concen: 125.351 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Tgt Ion:112 Resp: 174148
Ion Ratio Lower Upper
112 100
64 51.2 42.8 64.2
63 29.1 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: 124.664 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

Instrument :

BNA_G

ClientSampleId :

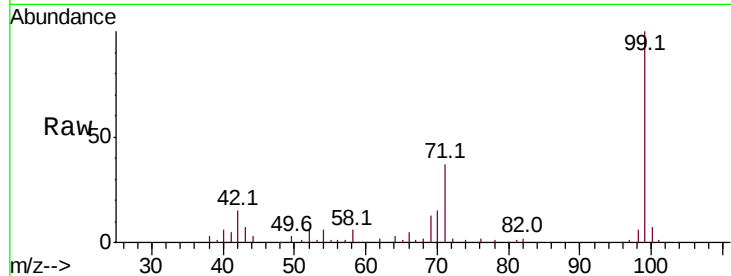
Tot Ion: 99 Resp: 233945

Ion Ratio Lower Upper

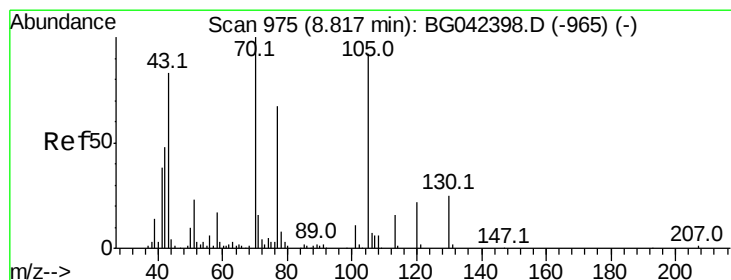
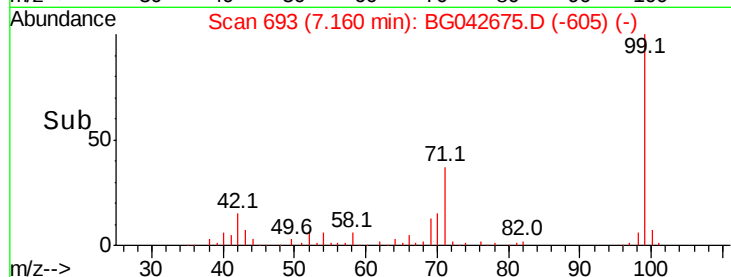
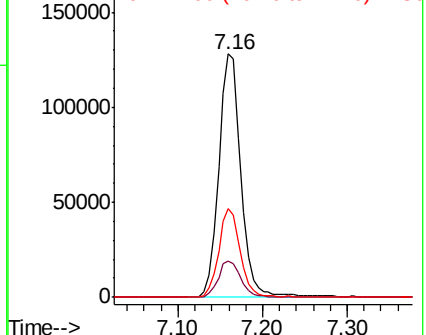
99 100

42 15.2 12.0 18.0

71 36.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.594 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

Tgt Ion: 70 Resp: 17743

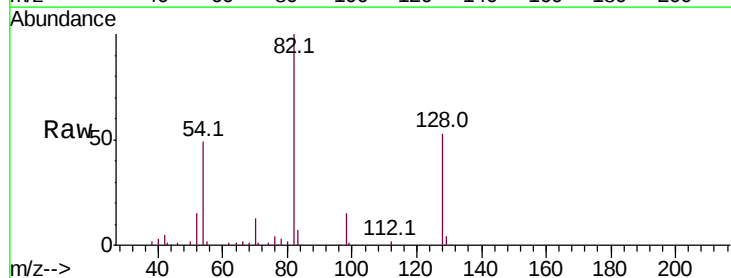
Ion Ratio Lower Upper

70 100

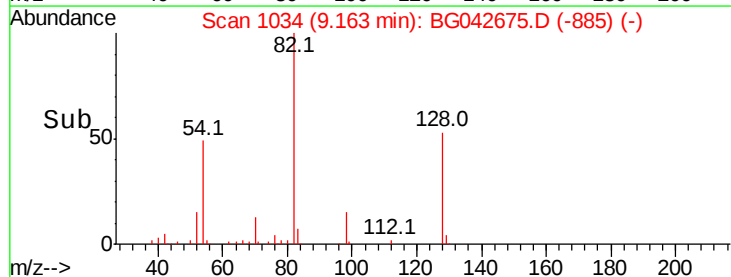
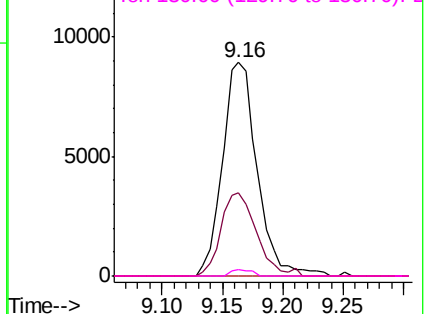
42 38.9 38.8 58.2

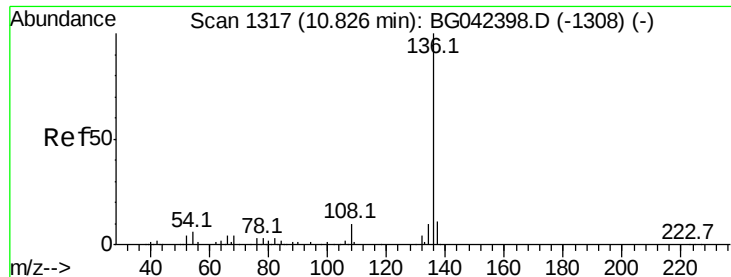
101 0.0 9.0 13.6#

130 3.3 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

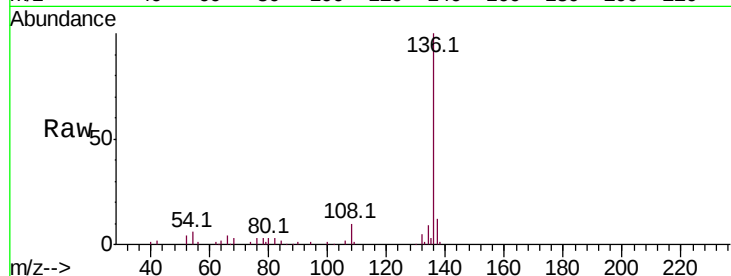




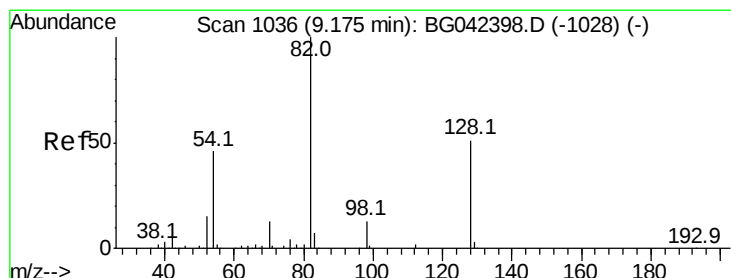
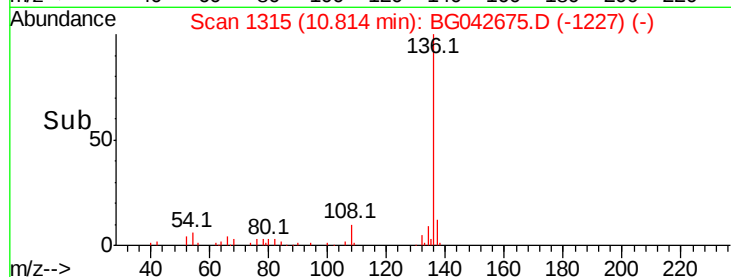
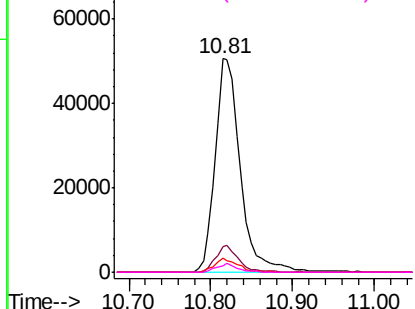
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	108819
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.7	13.1
54	6.4	4.9	7.3
68	3.2	3.6	5.4

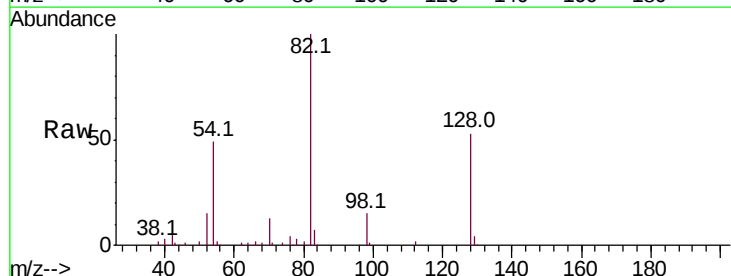


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

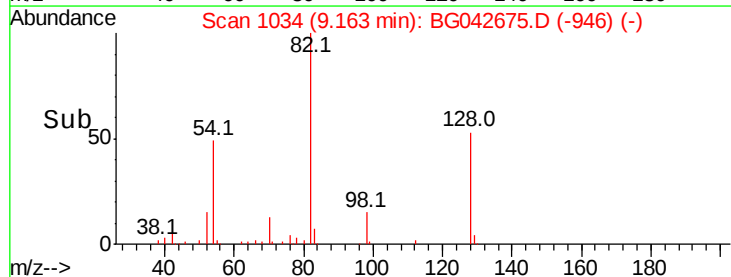
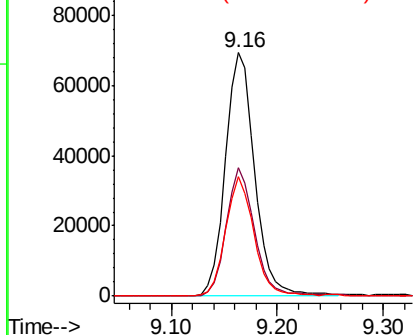


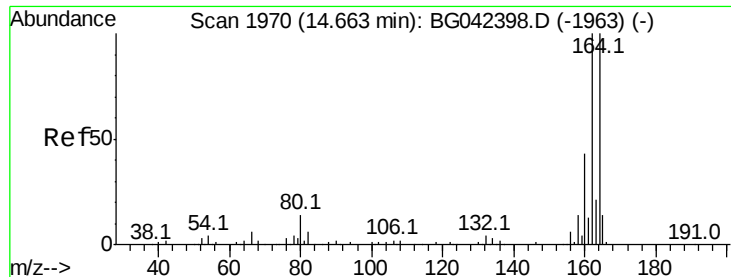
#23
Nitrobenzene-d5
Concen: 84.505 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Tgt Ion:	82	Resp:	133071
Ion	Ratio	Lower	Upper
82	100		
128	52.7	40.7	61.1
54	48.8	36.3	54.5



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

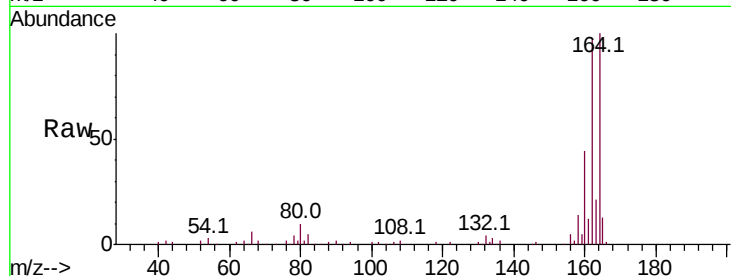




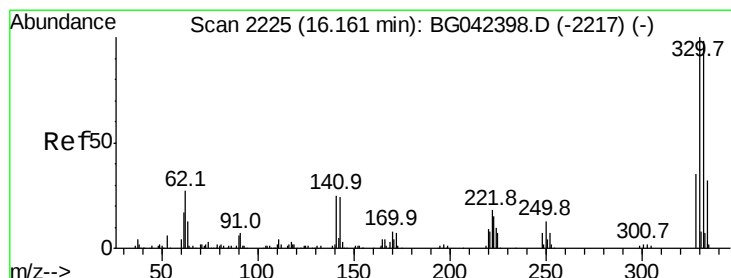
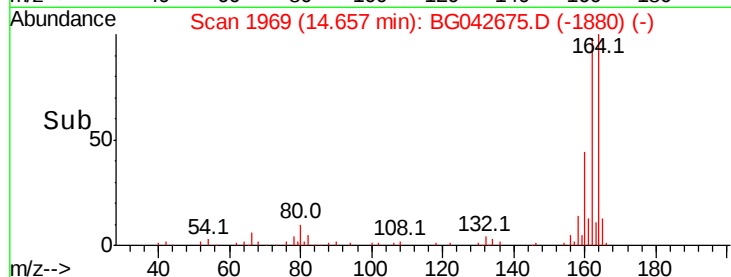
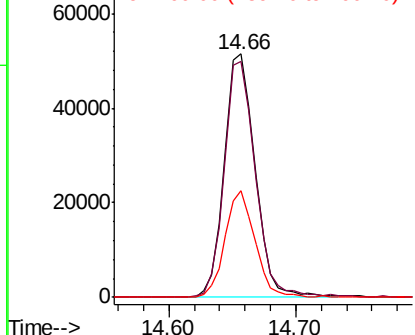
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 86456
Ion Ratio Lower Upper
164 100
162 97.0 79.9 119.9
160 43.5 34.3 51.5

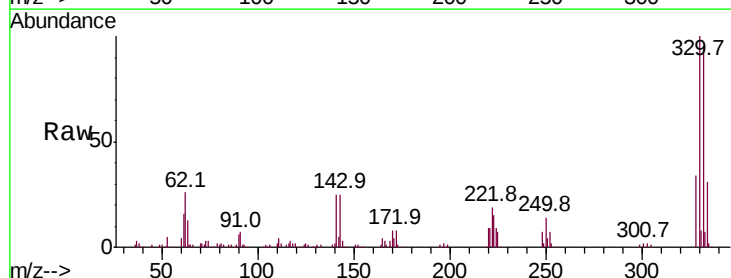


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

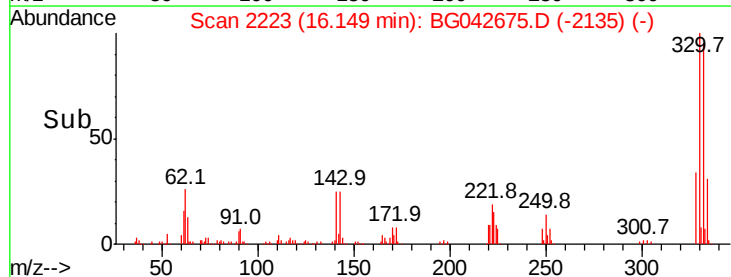
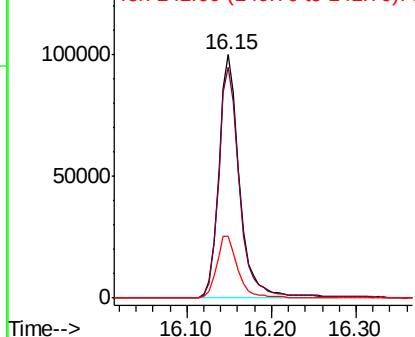


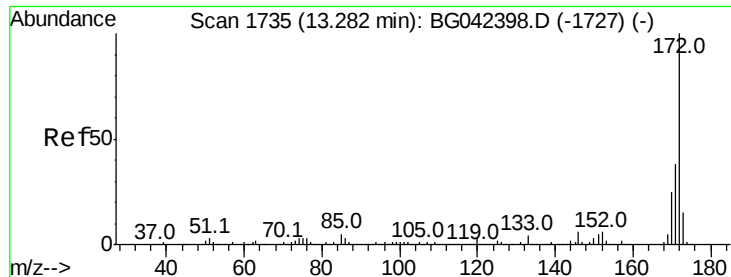
#42
2,4,6-Tribromophenol
Concen: 139.613 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Tgt Ion:330 Resp: 171561
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 26.3 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

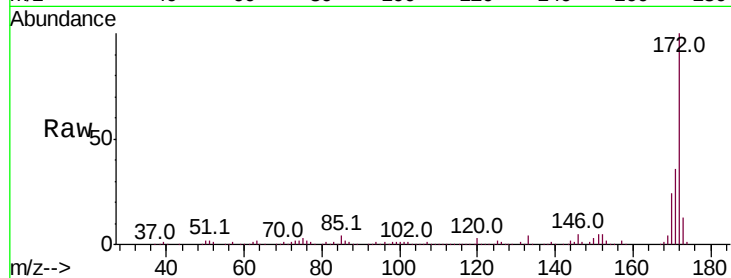




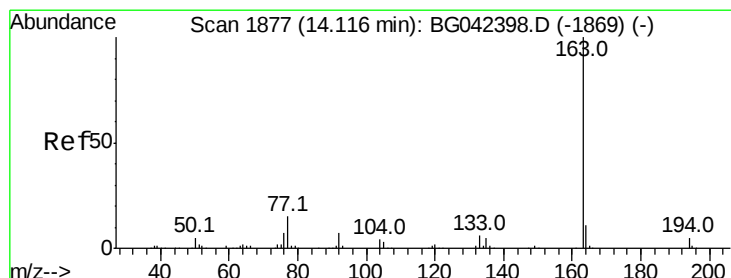
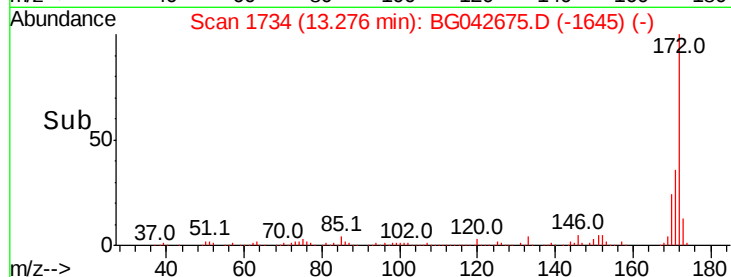
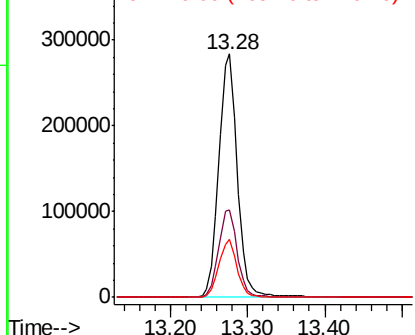
#45
2-Fluorobiphenyl
Concen: 92.621 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 473464
Ion Ratio Lower Upper
172 100
171 36.1 30.5 45.7
170 24.1 20.2 30.2

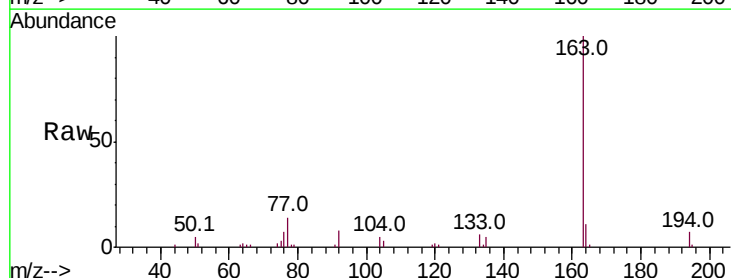


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

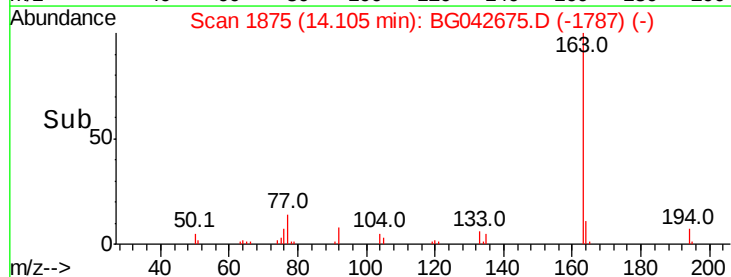
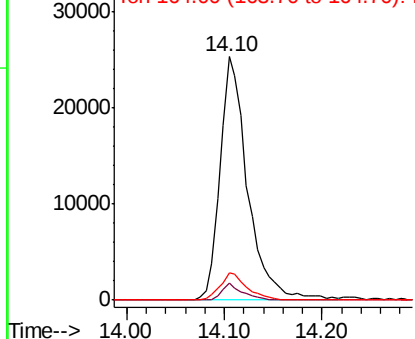


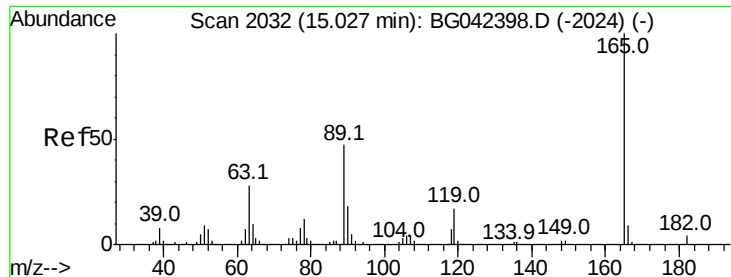
#50
Dimethylphthalate
Concen: 7.964 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Tgt Ion:163 Resp: 49683
Ion Ratio Lower Upper
163 100
194 6.9 4.2 6.2#
164 11.2 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

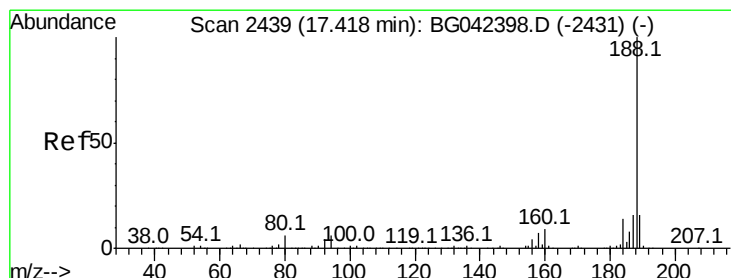
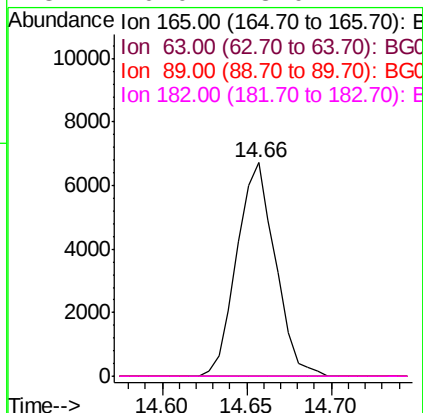
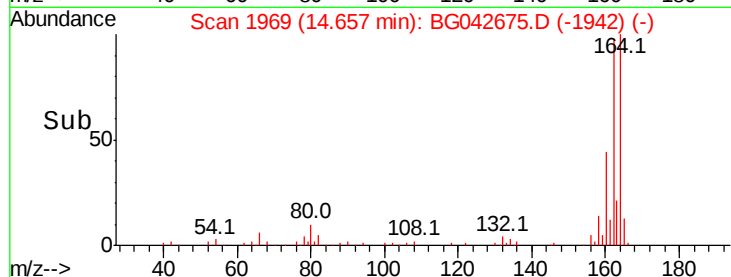
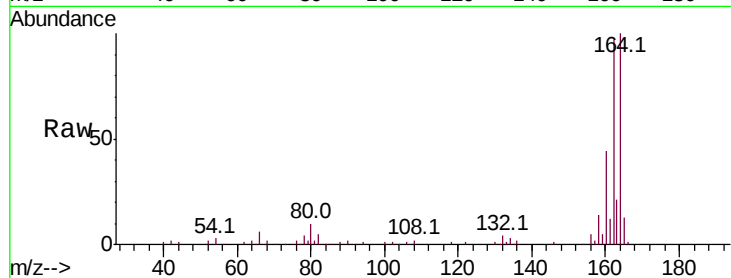




#57
 2,4-Dinitrotoluene
 Concen: 5.131 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042675.D
 Acq: 1 Sep 2019 23:45

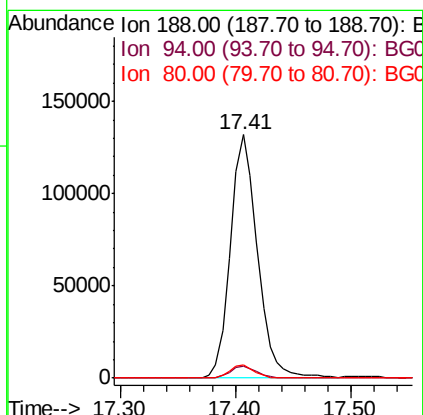
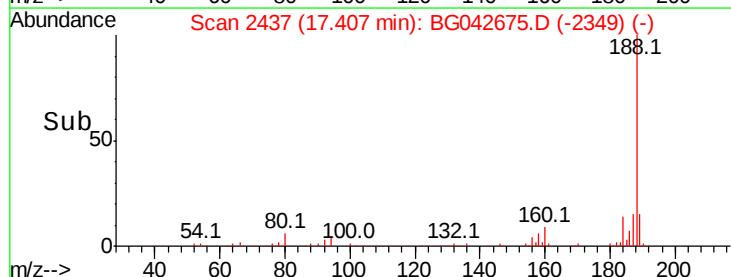
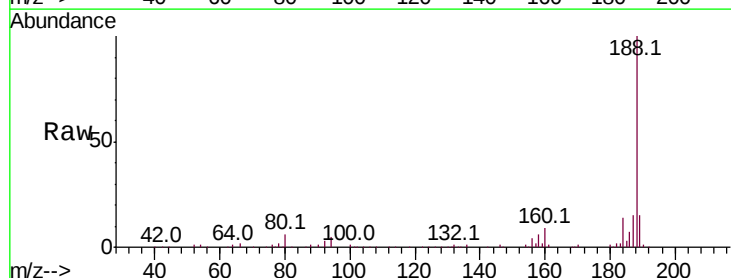
Instrument :
 BNA_G
 ClientSampled :

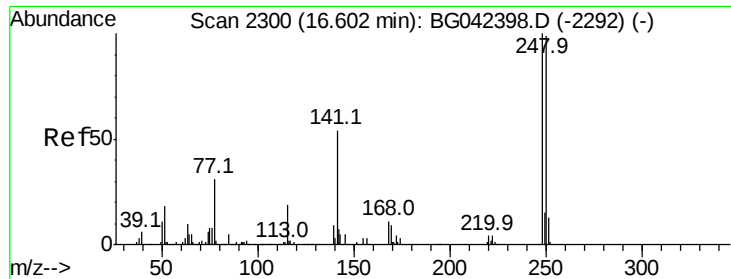
Tot Ion:165	Resp:	10625
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.5 33.7#
89	0.0	37.8 56.6#
182	0.0	3.0 4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042675.D
 Acq: 1 Sep 2019 23:45

Tgt Ion:188	Resp:	214588
Ion Ratio	Lower	Upper
188	100	
94	4.9	4.5 6.7
80	5.5	4.9 7.3

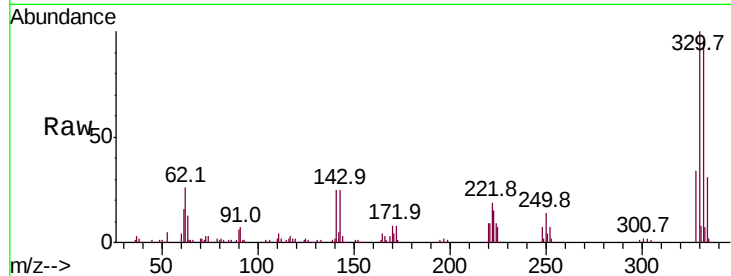




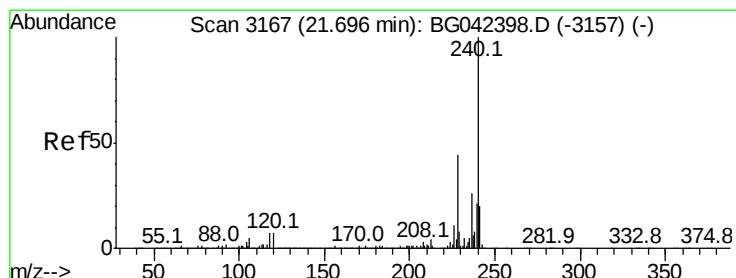
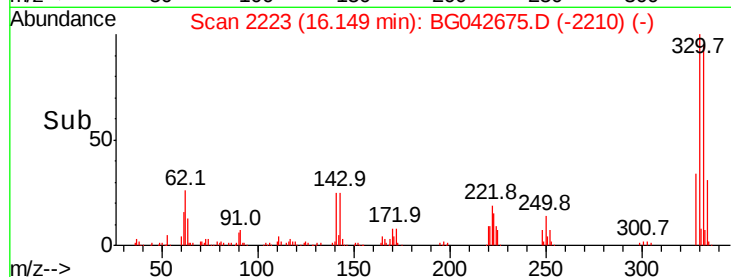
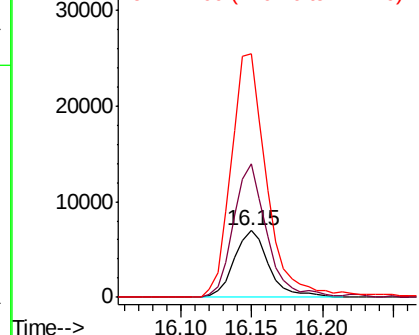
#67
4-Bromophenyl-phenylether
Concen: 4.381 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11925
Ion Ratio Lower Upper
248 100
250 200.2 78.9 118.3#
141 366.7 43.3 64.9#

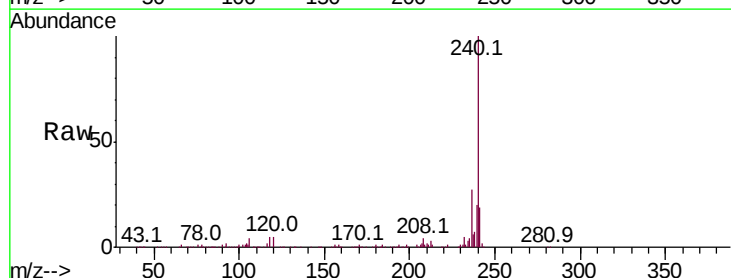


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

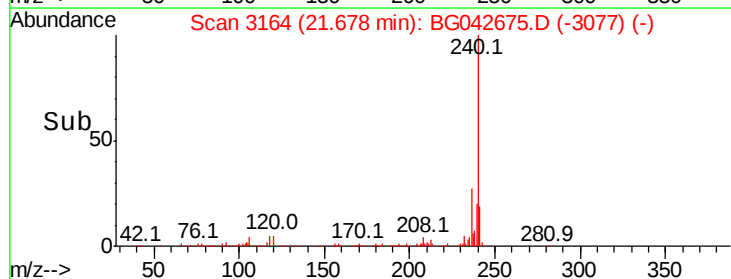
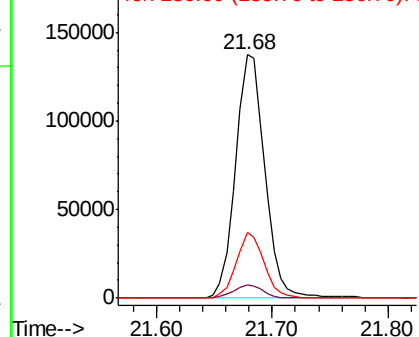


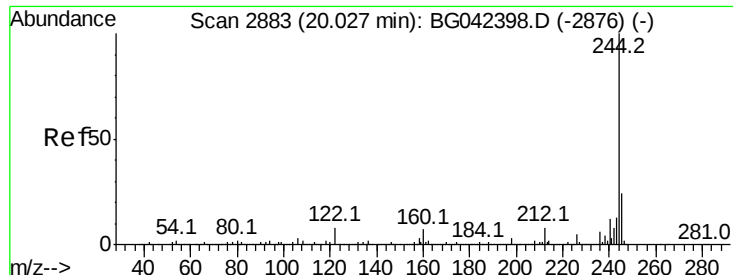
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Tgt Ion:240 Resp: 241034
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 26.8 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: 86.838 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

Instrument :

BNA_G

ClientSampleId :

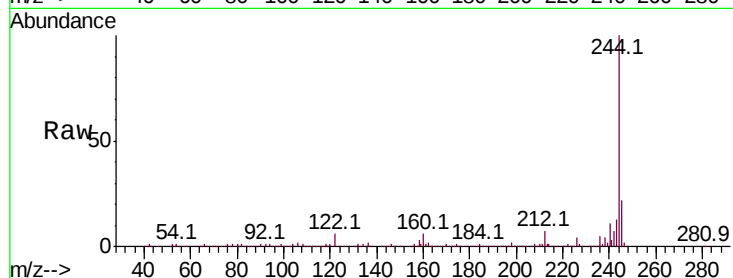
Tot Ion:244 Resp: 968167

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

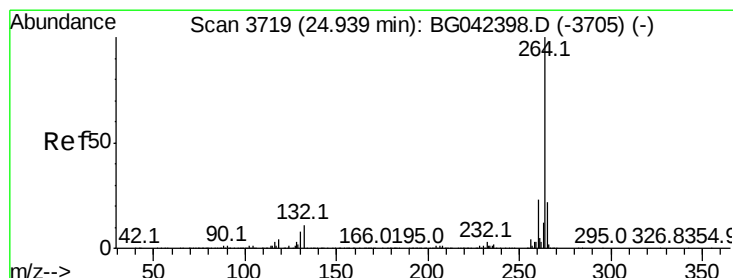
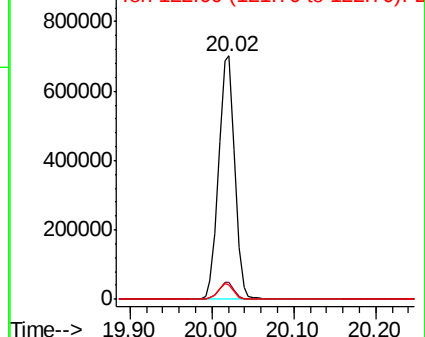
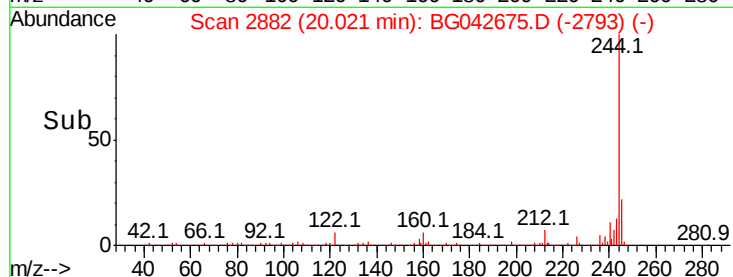
122 6.1 6.7 10.1#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

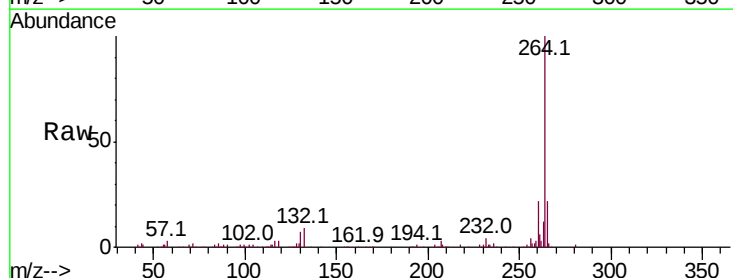
Tgt Ion:264 Resp: 283711

Ion Ratio Lower Upper

264 100

260 21.9 18.5 27.7

265 21.8 17.6 26.4



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

