

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042721.D
 Acq On : 5 Sep 2019 15:34
 Operator : HP/JU
 Sample : PB122813BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 18:44:16 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

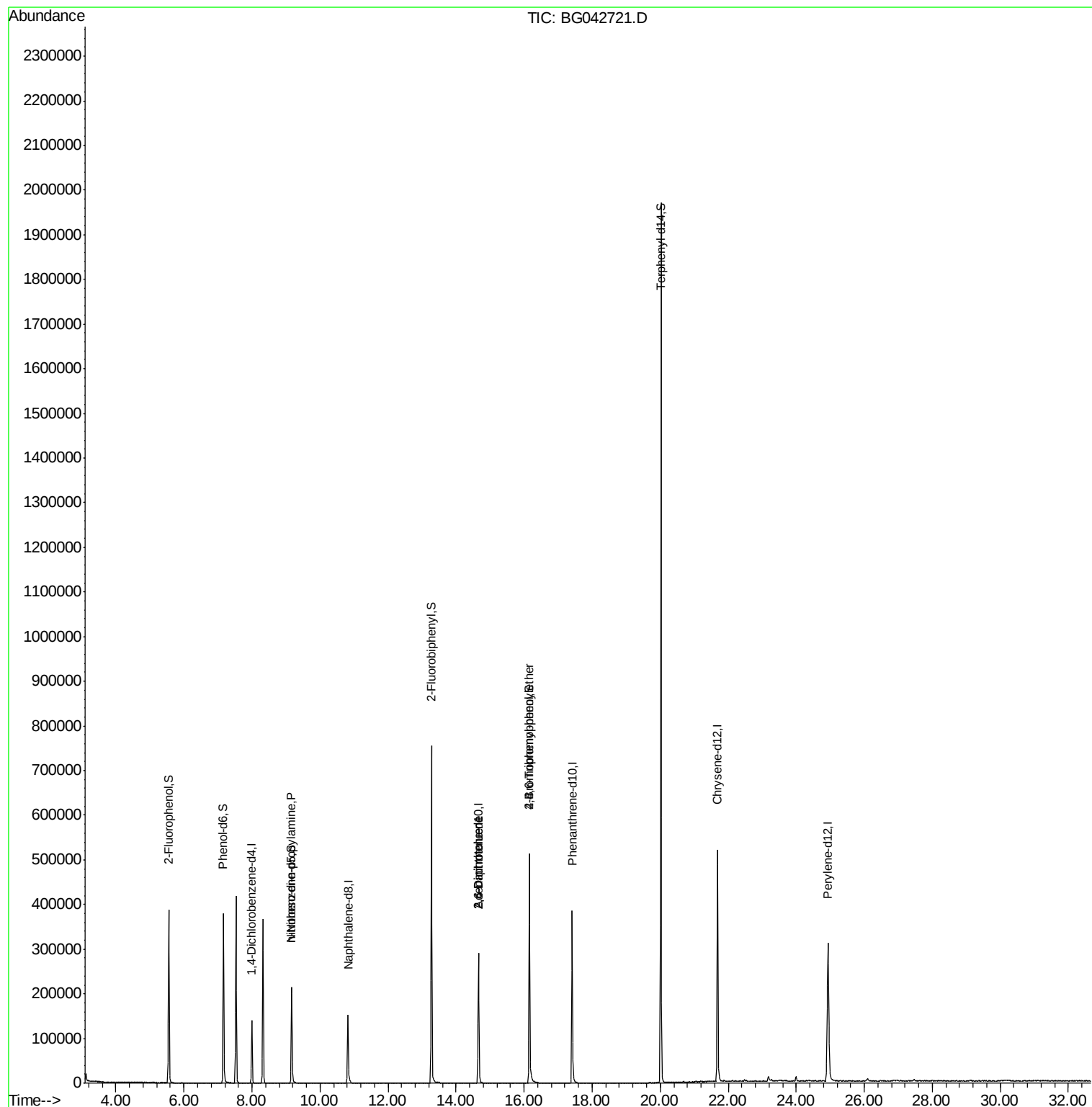
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	48850	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	174900	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	131660	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	306800	20.00	ng	0.00
76) Chrysene-d12	21.68	240	366393	20.00	ng	-0.01
87) Perylene-d12	24.93	264	434091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	198517	82.30	ng	0.00
7) Phenol-d6	7.16	99	253888	77.93	ng	-0.01
23) Nitrobenzene-d5	9.16	82	144107	56.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	164444	87.88	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	486150	62.45	ng	0.00
79) Terphenyl-d14	20.02	244	1048651	61.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	18653	8.837	ng	# 74
51) 2,6-Dinitrotoluene	14.66	165	16248	7.379	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	16248	5.153	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	10256	2.635	ng	# 1

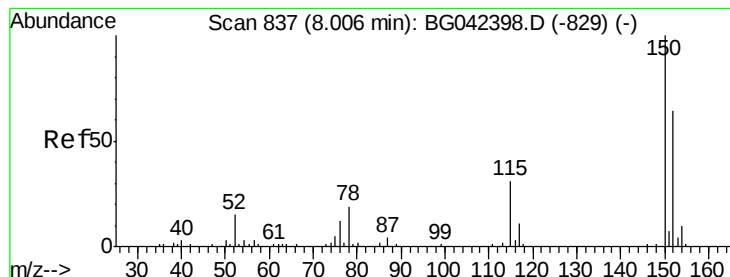
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042721.D
Acq On : 5 Sep 2019 15:34
Operator : HP/JU
Sample : PB122813BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 05 18:44:16 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



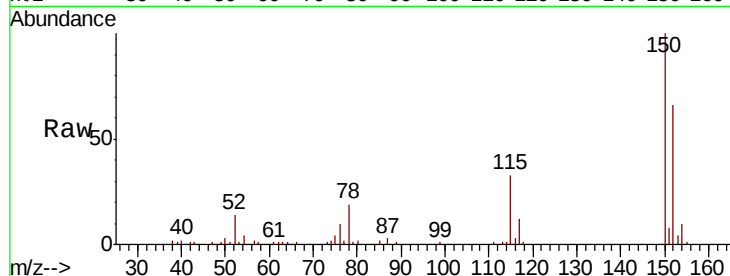


#1

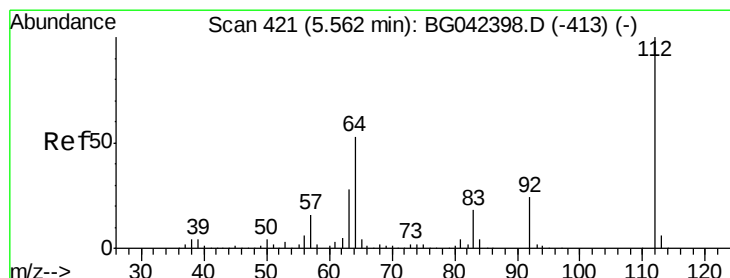
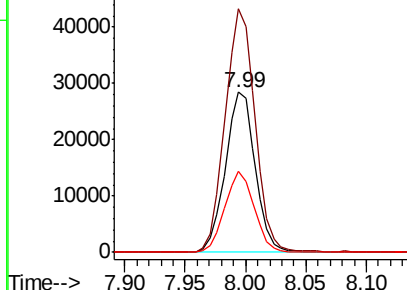
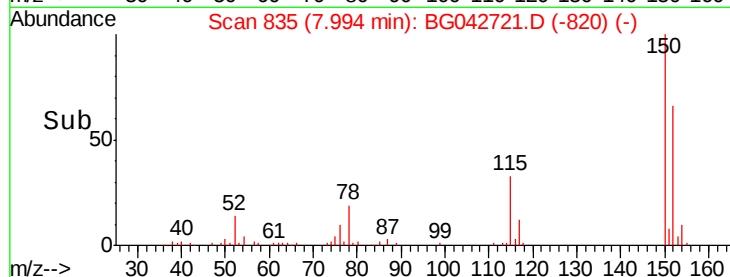
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 48850
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.4 188.0
 115 50.6 38.5 57.7



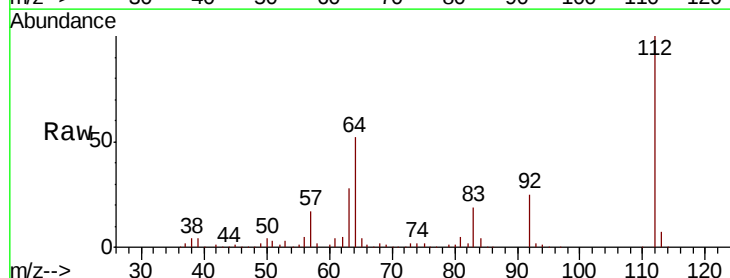
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



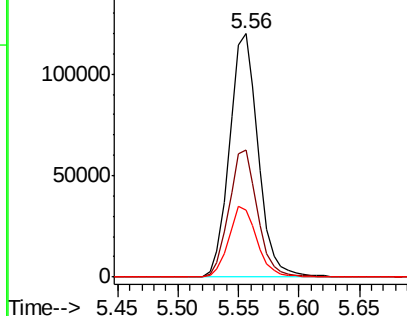
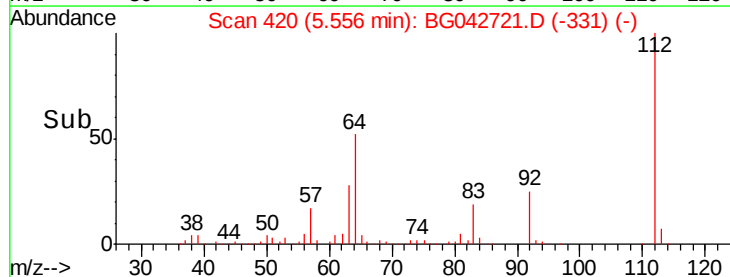
#5

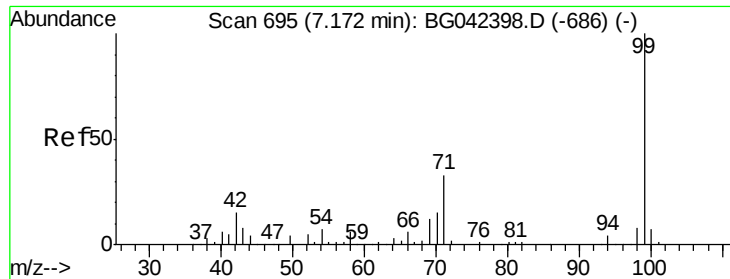
2-Fluorophenol
 Concen: 82.304 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Tgt Ion:112 Resp: 198517
 Ion Ratio Lower Upper
 112 100
 64 52.0 42.8 64.2
 63 27.8 22.7 34.1



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: 77.926 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

Instrument :

BNA_G

ClientSampleId :

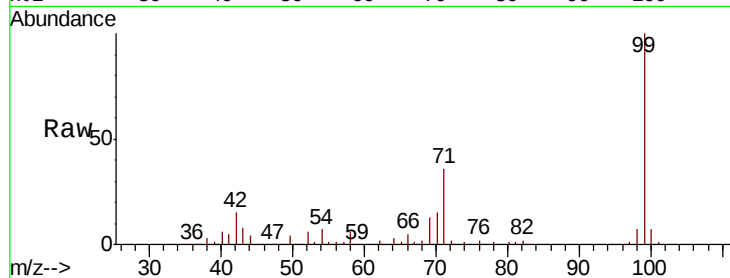
Tot Ion: 99 Resp: 253888

Ion Ratio Lower Upper

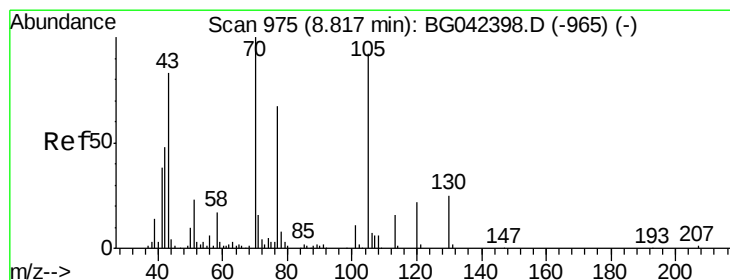
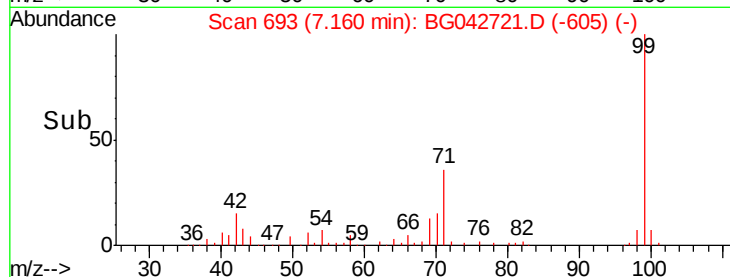
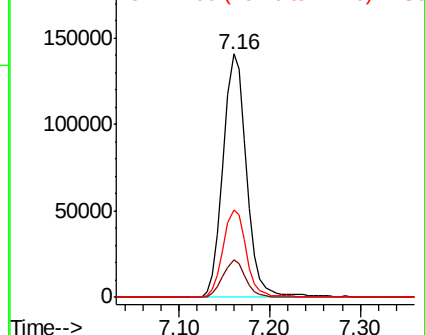
99 100

42 15.4 12.0 18.0

71 36.2 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: 8.837 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

Tgt Ion: 70 Resp: 18653

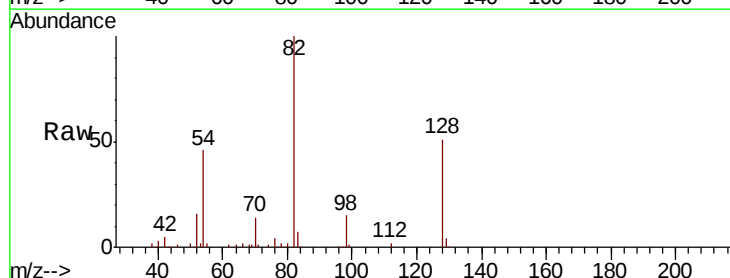
Ion Ratio Lower Upper

70 100

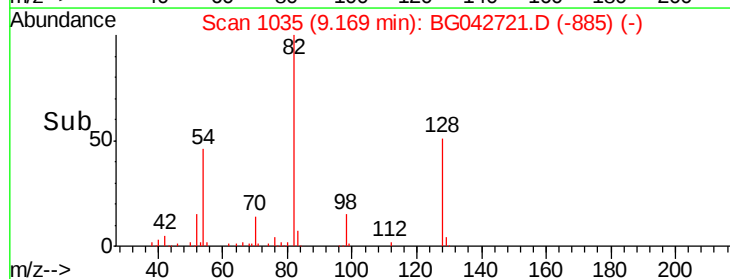
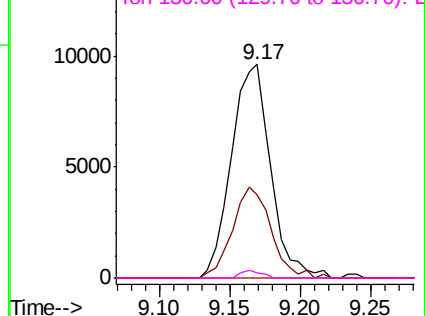
42 38.7 38.8 58.2#

101 0.0 9.0 13.6#

130 2.3 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

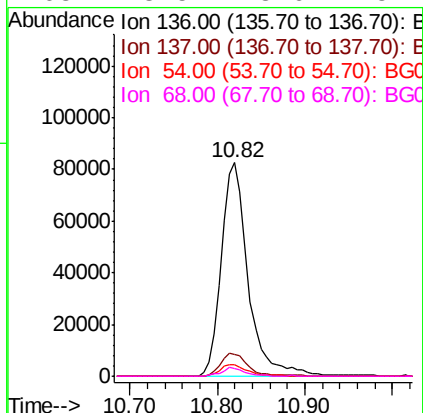
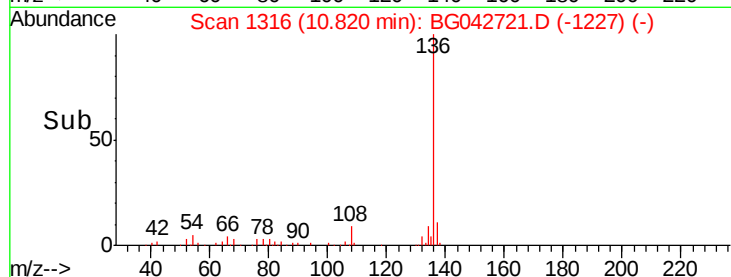
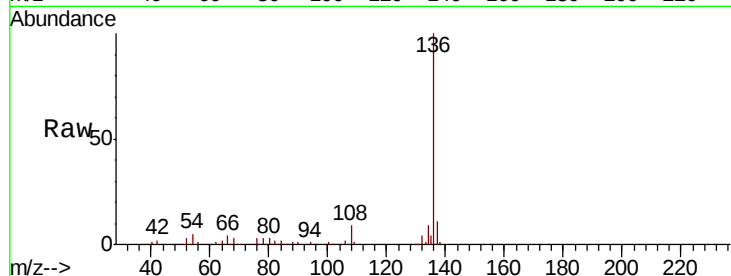




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042721.D
Acq: 5 Sep 2019 15:34

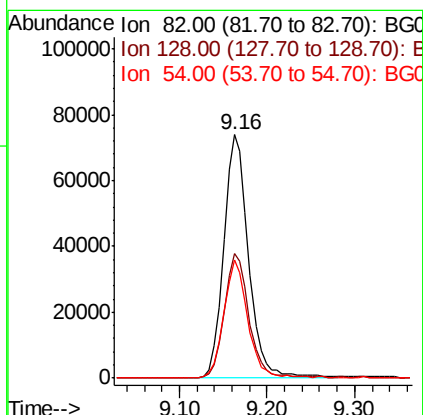
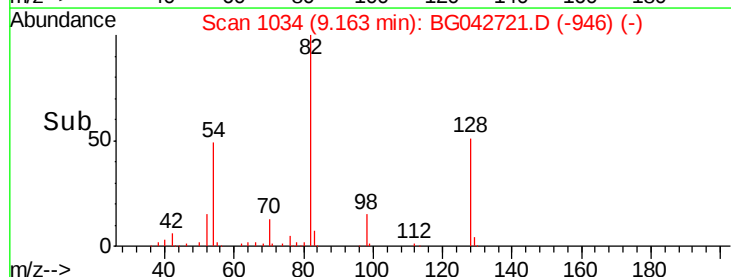
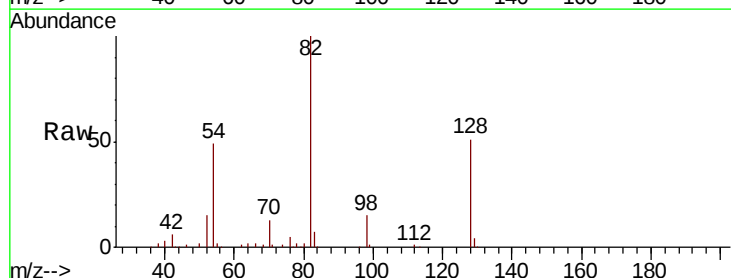
Instrument :
BNA_G
ClientSampleId :

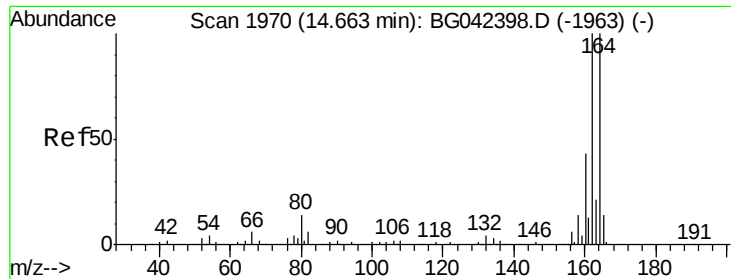
Tot Ion:136	Resp:	174900
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.7	13.1
54 5.5	4.9	7.3
68 3.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 56.937 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042721.D
Acq: 5 Sep 2019 15:34

Tgt Ion: 82	Resp: 144107
Ion Ratio	Lower Upper
82 100	
128 51.0	40.7 61.1
54 48.7	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: BG042721.D

Acq: 5 Sep 2019 15:34

Instrument :

BNA_G

ClientSampleId :

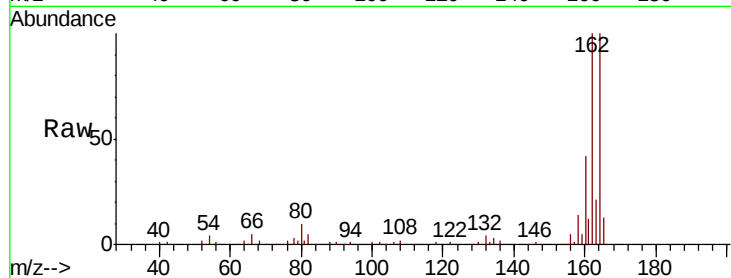
Tot Ion:164 Resp: 131660

Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

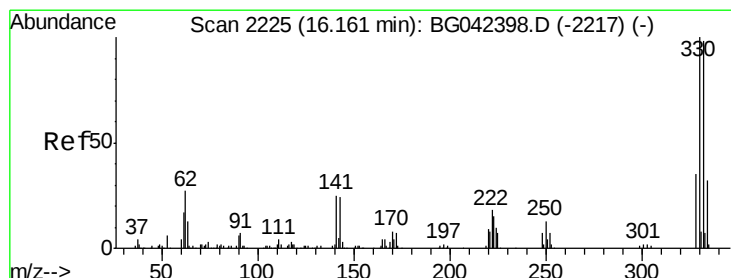
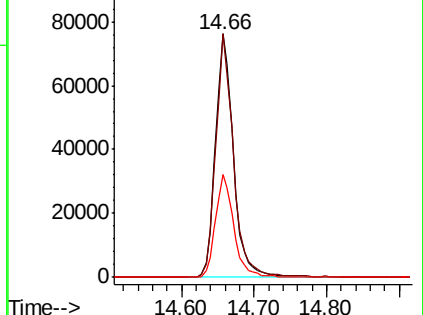
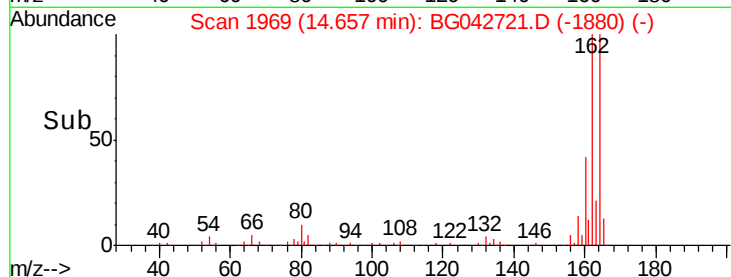
160 42.1 34.3 51.5



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: 87.875 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

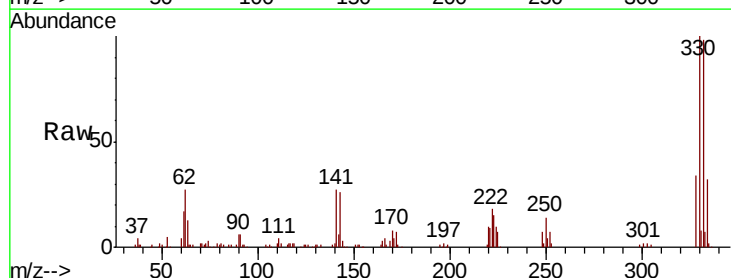
Tgt Ion:330 Resp: 164444

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

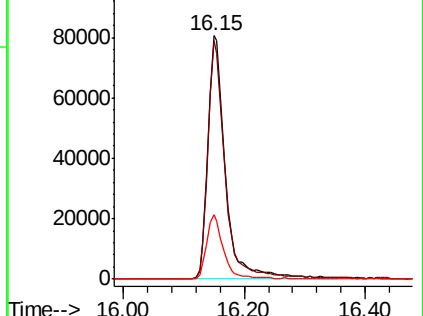
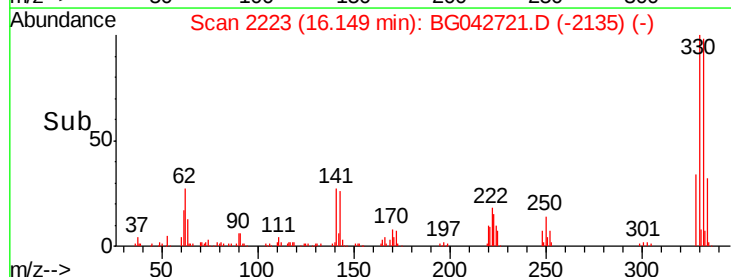
141 25.2 21.4 32.0



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

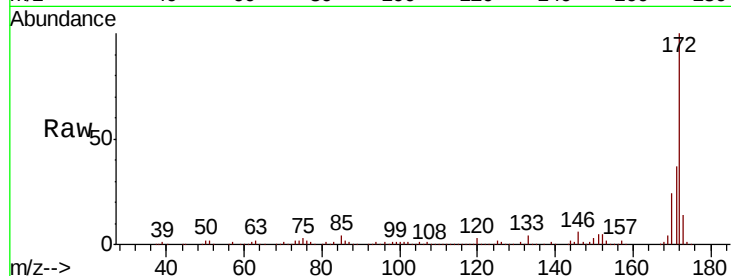




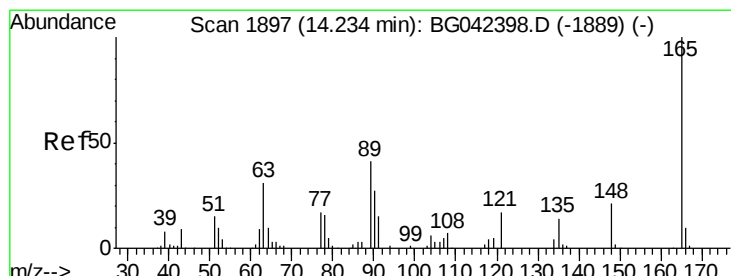
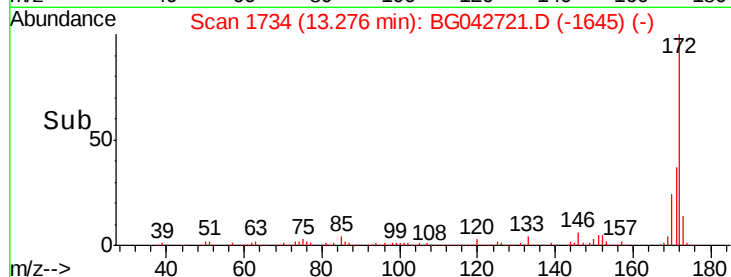
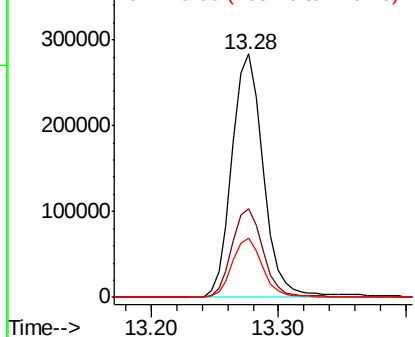
#45
 2-Fluorobiphenyl
 Concen: 62.450 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 486150
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.4 20.2 30.2

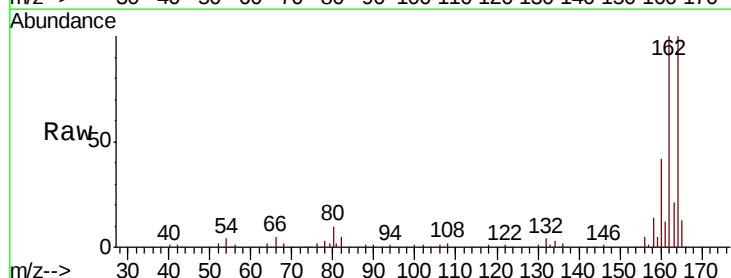


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

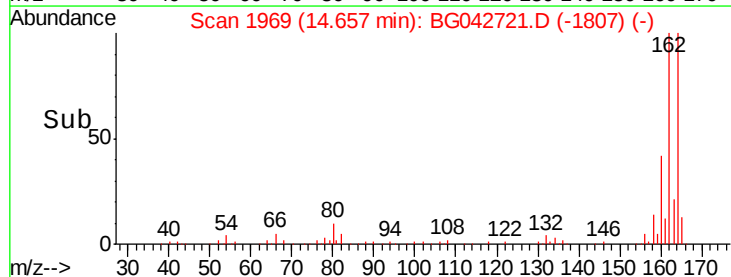
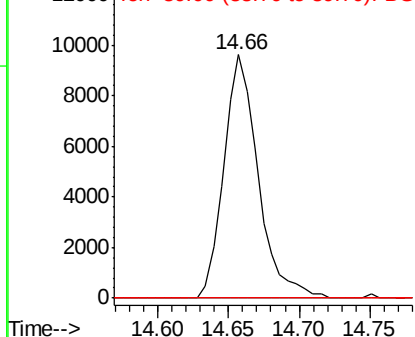


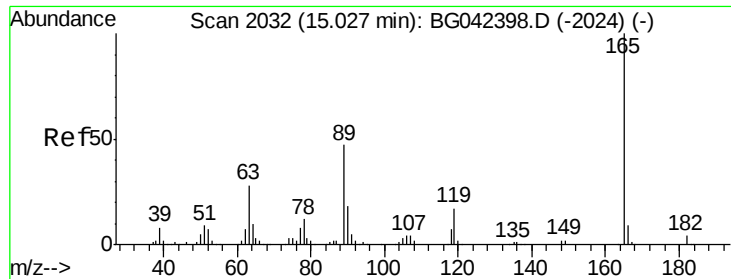
#51
 2,6-Dinitrotoluene
 Concen: 7.379 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Tgt Ion:165 Resp: 16248
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.6 45.8#
 89 0.0 32.6 49.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

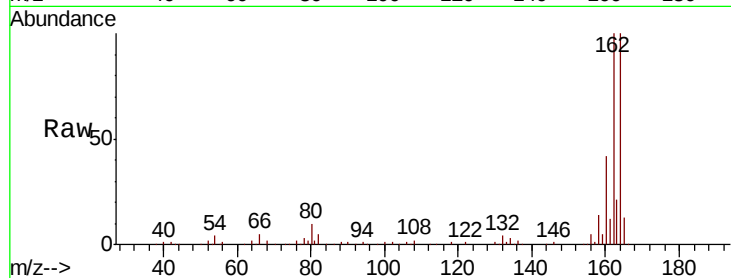




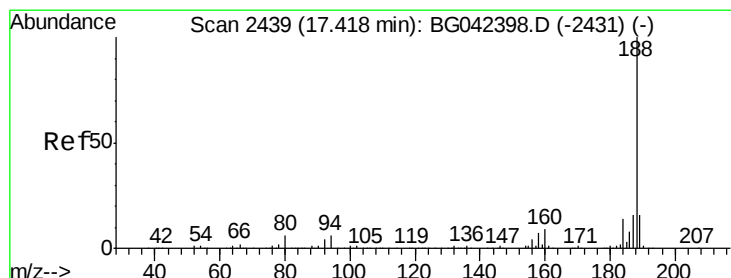
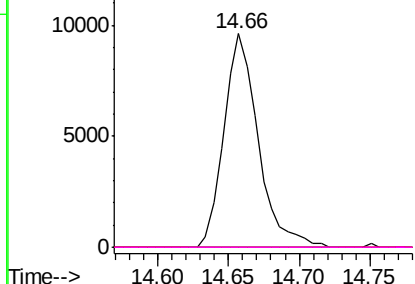
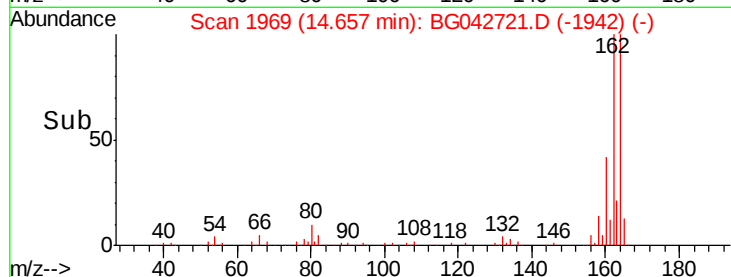
#57
 2,4-Dinitrotoluene
 Concen: 5.153 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#

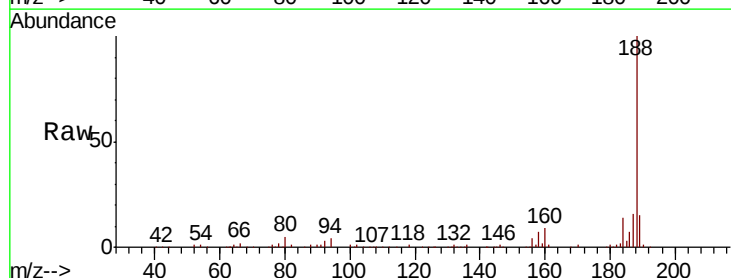


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

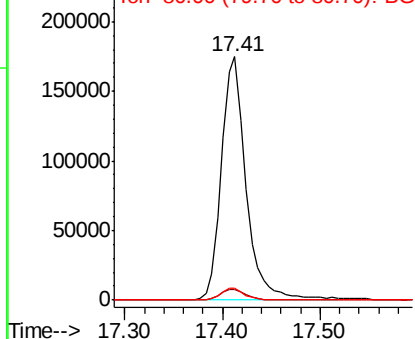
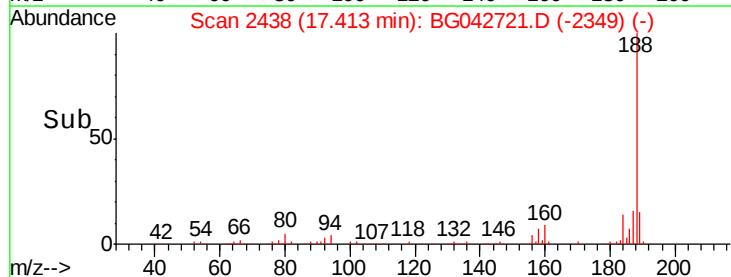


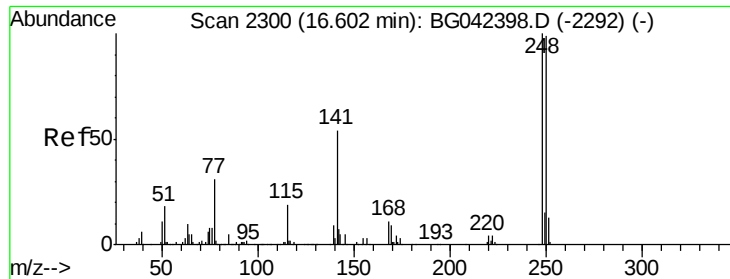
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.3	4.5	6.7#
80	4.9	4.9	7.3



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

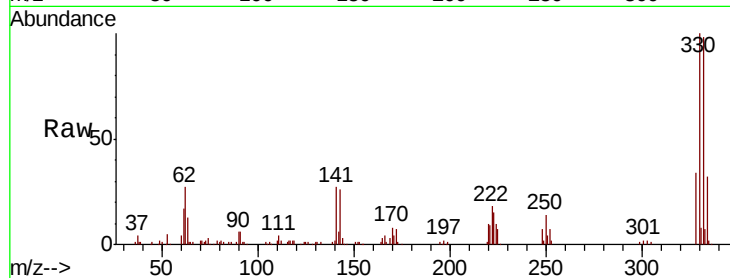




#67
 4-Bromophenyl-phenylether
 Concen: 2.635 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042721.D
 Acq: 5 Sep 2019 15:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	210.9	78.9	118.3#
141	394.8	43.3	64.9#

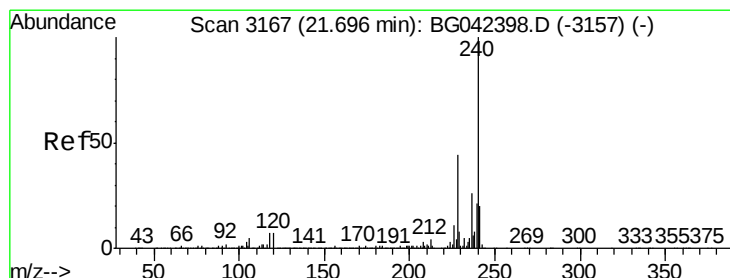
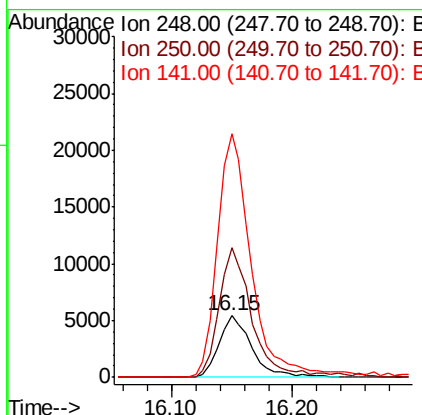
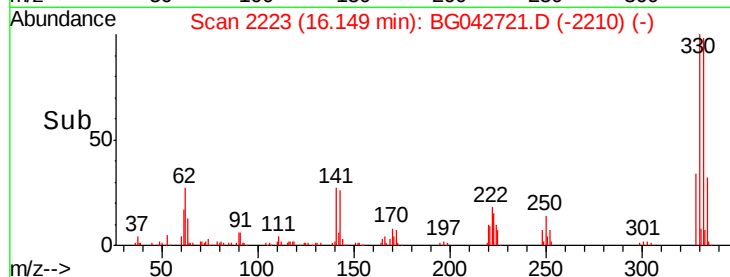


Abundance

Ion 248.00 (247.70 to 248.70): E

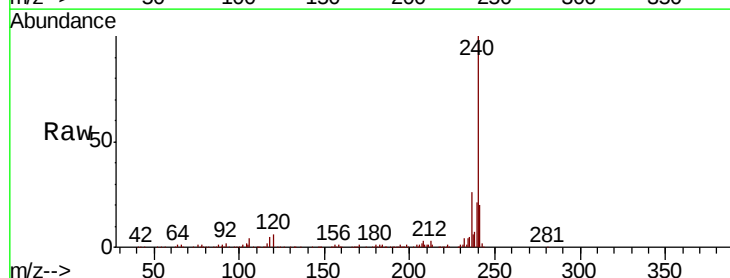
Ion 250.00 (249.70 to 250.70): E

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: BG042721.D
 Acq: 5 Sep 2019 15:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	25.6	21.0	31.4

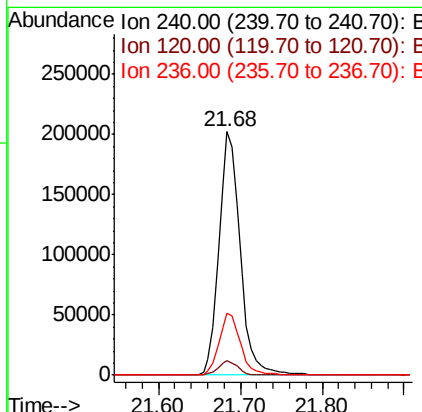
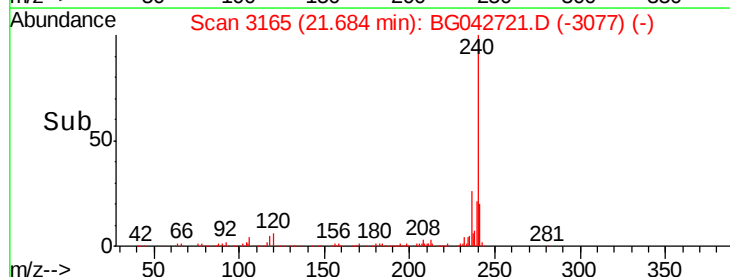


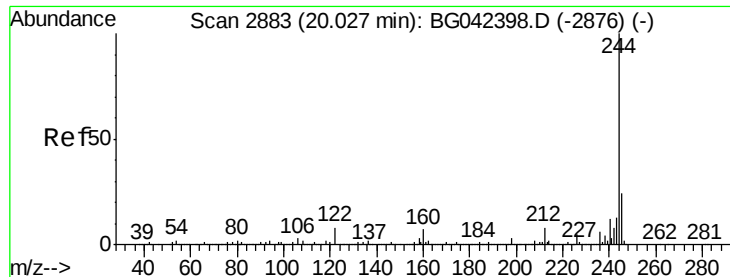
Abundance

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: 61.876 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

Instrument :

BNA_G

ClientSampled :

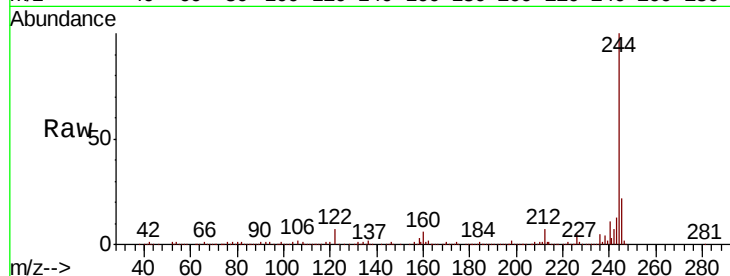
Tot Ion:244 Resp: 1048651

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

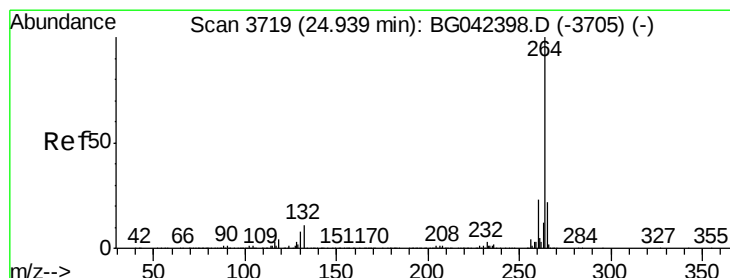
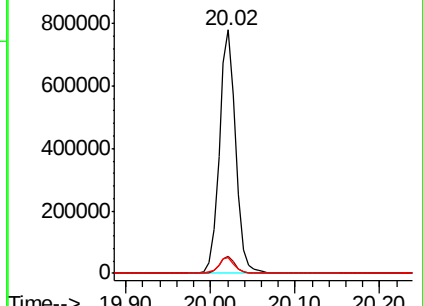
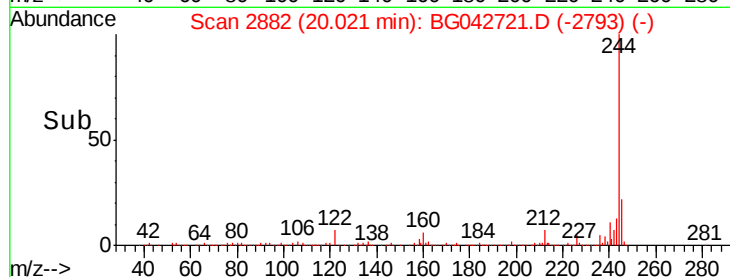
122 6.5 6.7 10.1#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042721.D

Acq: 5 Sep 2019 15:34

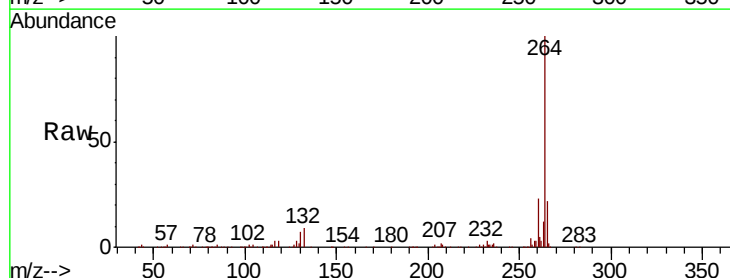
Tgt Ion:264 Resp: 434091

Ion Ratio Lower Upper

264 100

260 23.1 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

