

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
 Data File : BG042581.D
 Acq On : 30 Aug 2019 1:19
 Operator : HP/JU
 Sample : K4439-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-5-(5-7)

Quant Time: Aug 30 05:37:57 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

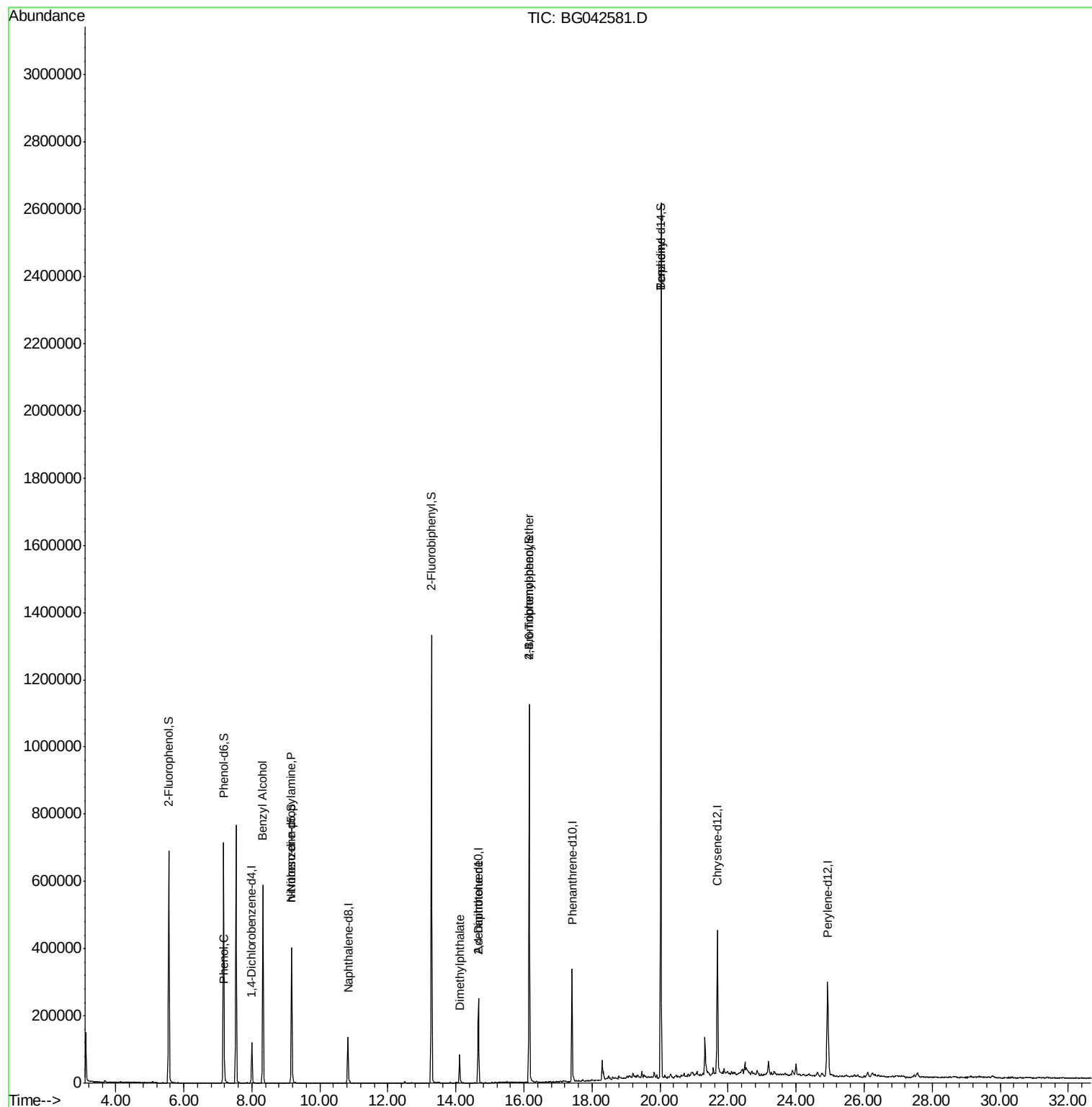
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38424	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143543	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103258	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	240234	20.00	ng	0.00
76) Chrysene-d12	21.69	240	267105	20.00	ng	0.00
87) Perylene-d12	24.92	264	319073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	343119	180.85	ng	0.00
7) Phenol-d6	7.17	99	459480	179.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	261956	126.11	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	277336	188.97	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	772550	126.54	ng	0.00
79) Terphenyl-d14	20.02	244	1328464	107.52	ng	0.00
Target Compounds						
10) Phenol	7.19	94	10710	4.110	ng	86
15) Benzyl Alcohol	8.32	79	4100	2.224	ng	# 50
19) n-Nitroso-di-n-propylamine	9.17	70	34812	20.968	ng	# 75
50) Dimethylphthalate	14.11	163	76489	10.266	ng	97
57) 2,4-Dinitrotoluene	14.65	165	13679	5.531	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	19014	6.240	ng	# 1
77) Benzidine	20.02	184	17788	2.323	ng	# 95

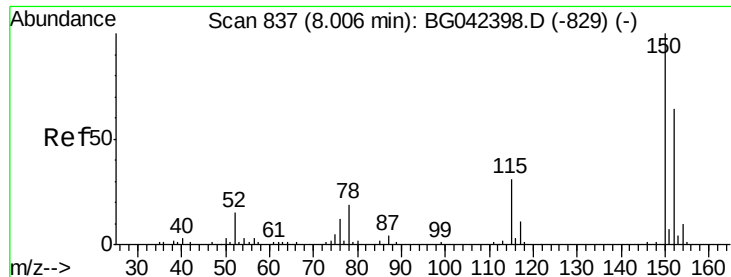
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 22 14:29:15 2019
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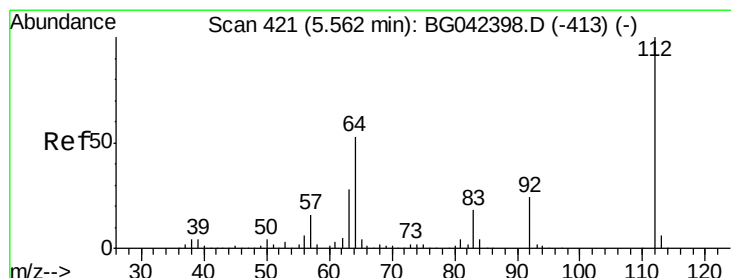
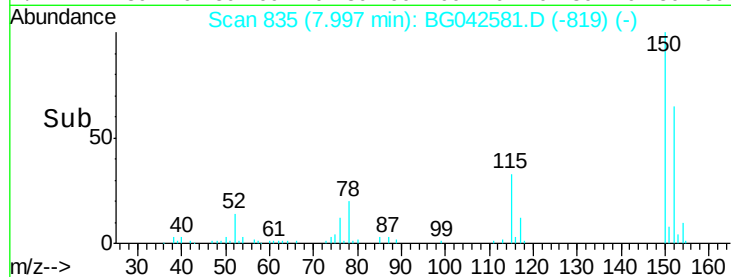
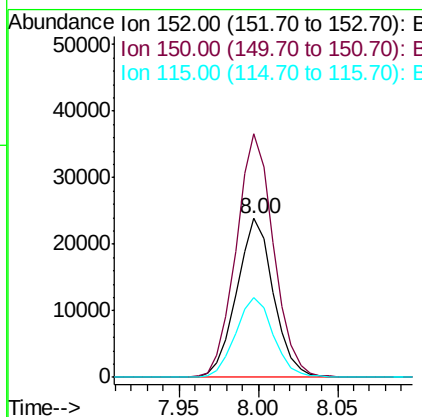
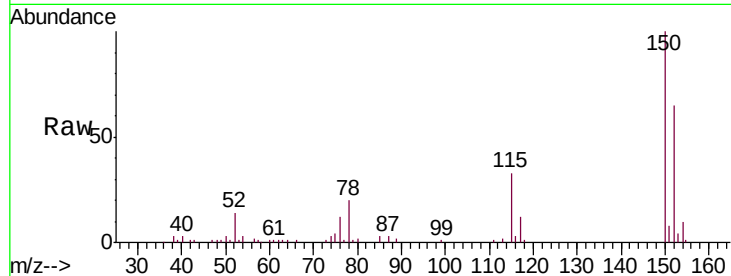


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleID :
S-5-(5-7)

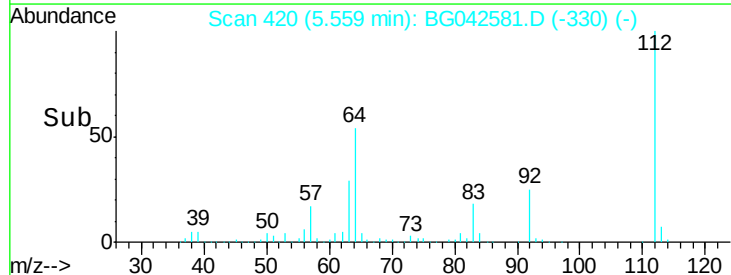
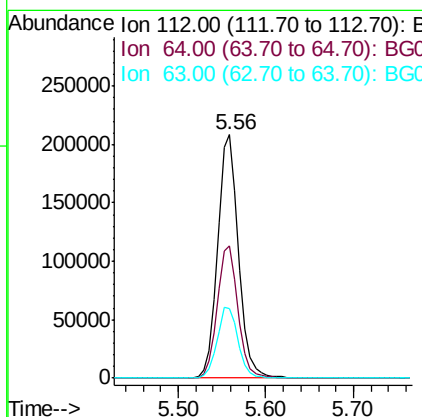
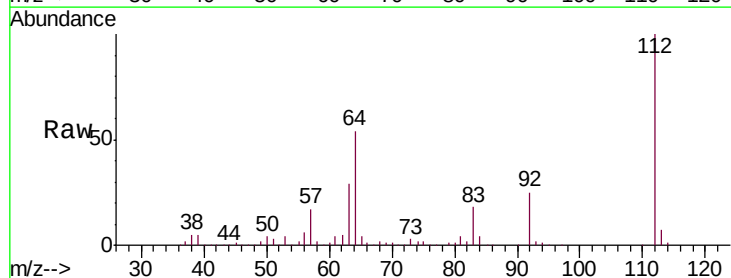
Tgt Ion:152 Resp: 38424
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.0
115 49.9 38.5 57.7

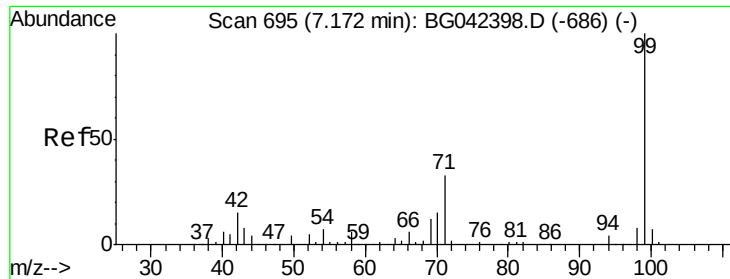


#5

2-Fluorophenol
Concen: 180.855 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:112 Resp: 343119
Ion Ratio Lower Upper
112 100
64 54.2 42.8 64.2
63 28.8 22.7 34.1





#7

Phenol-d6

Concen: 179.295 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Instrument :

BNA_G

ClientSampleId :

S-5-(5-7)

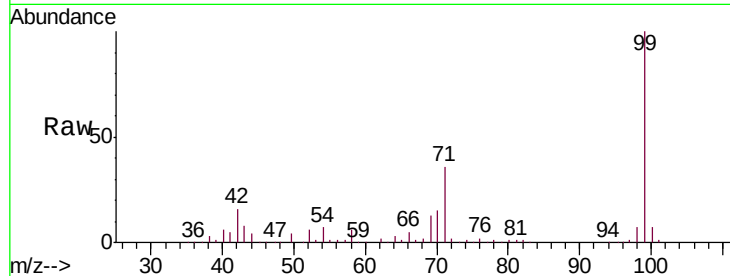
Tgt Ion: 99 Resp: 459480

Ion Ratio Lower Upper

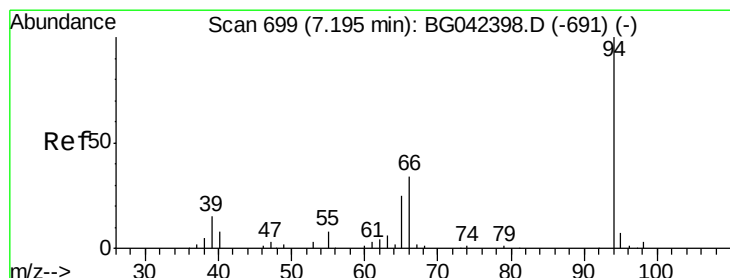
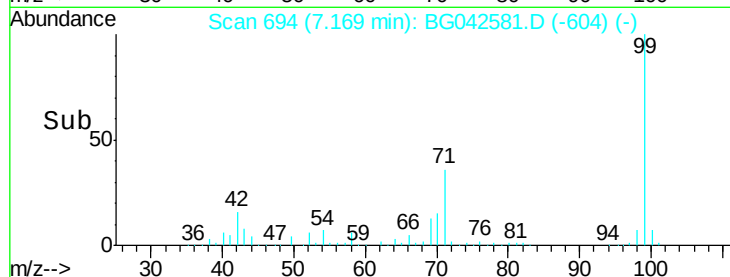
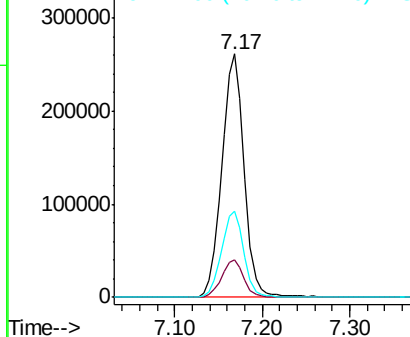
99 100

42 15.5 12.0 18.0

71 35.5 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: 4.110 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

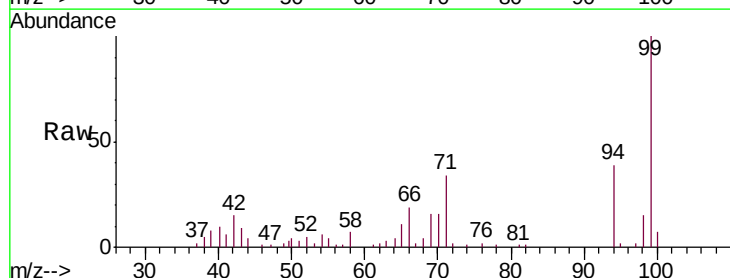
Tgt Ion: 94 Resp: 10710

Ion Ratio Lower Upper

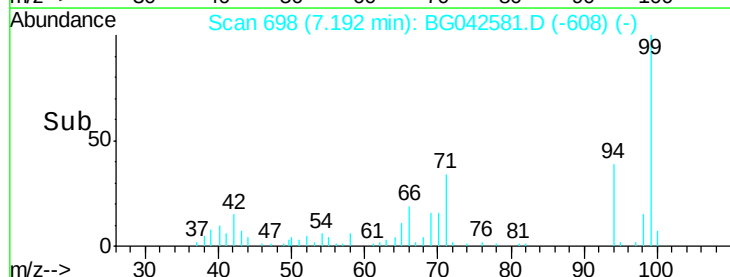
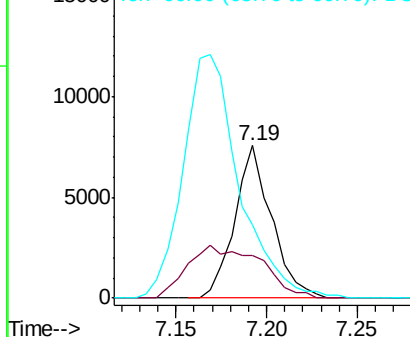
94 100

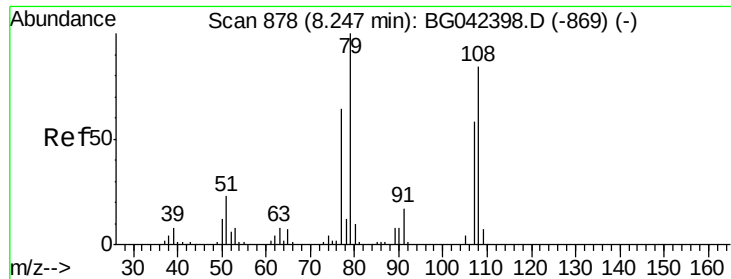
65 27.6 5.6 45.6

66 48.5 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





#15

Benzyl Alcohol

Concen: 2.224 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.07 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Instrument :

BNA_G

ClientSampleId :

S-5-(5-7)

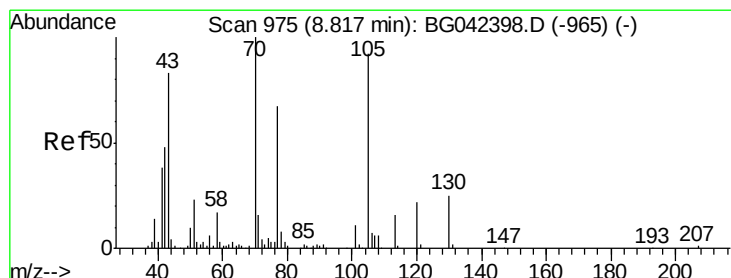
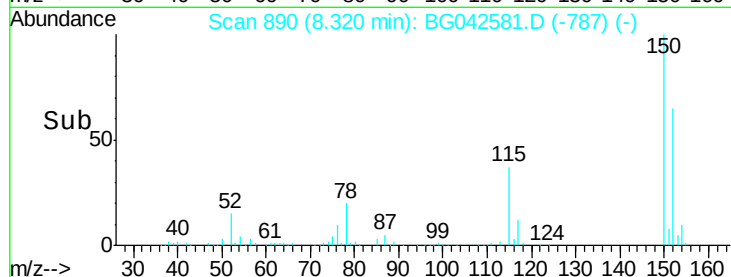
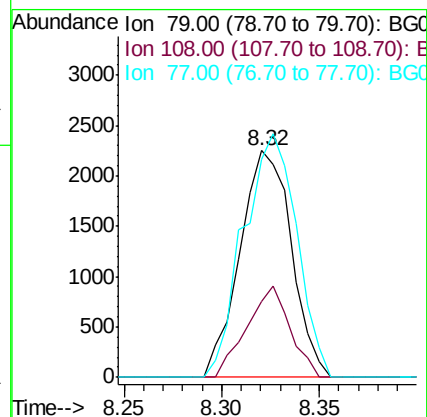
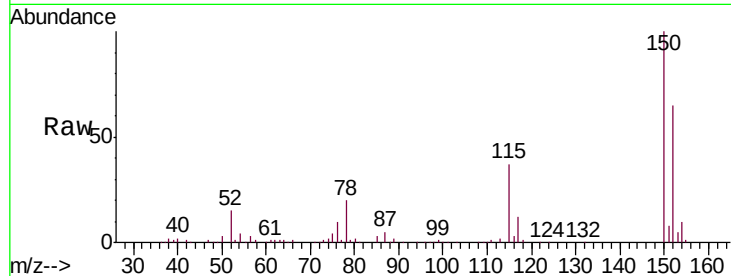
Tgt Ion: 79 Resp: 4100

Ion Ratio Lower Upper

79 100

108 33.7 67.4 101.2#

77 96.4 50.8 76.2#



#19

n-Nitroso-di-n-propylamine

Concen: 20.968 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Tgt Ion: 70 Resp: 34812

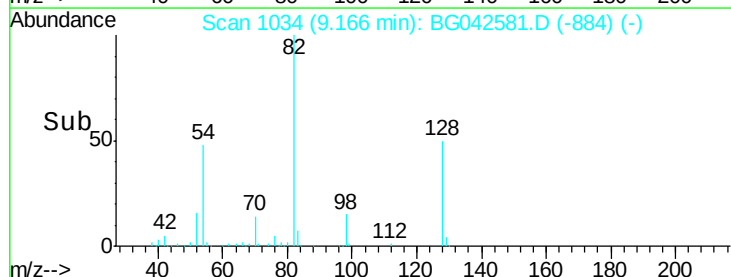
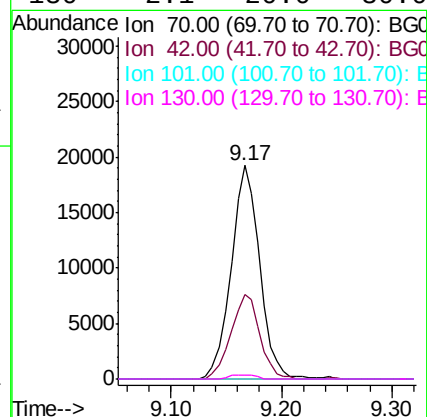
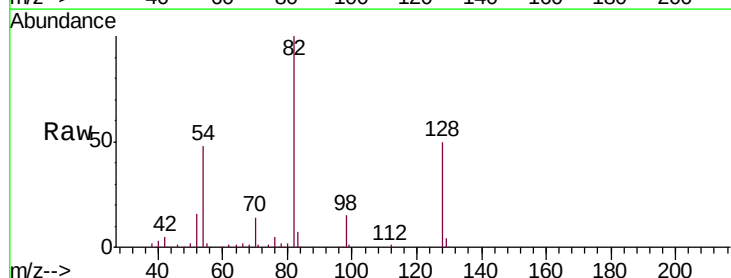
Ion Ratio Lower Upper

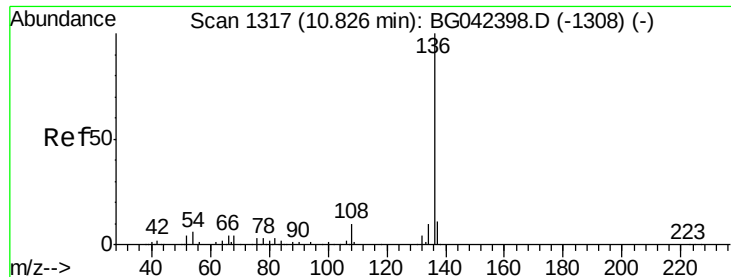
70 100

42 39.6 38.8 58.2

101 0.0 9.0 13.6#

130 2.1 20.0 30.0#

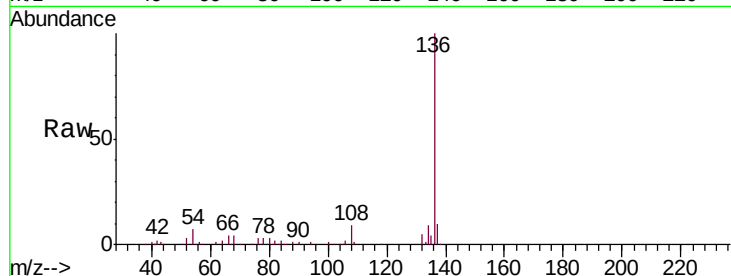




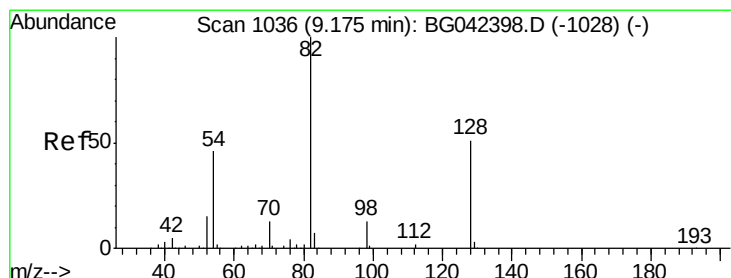
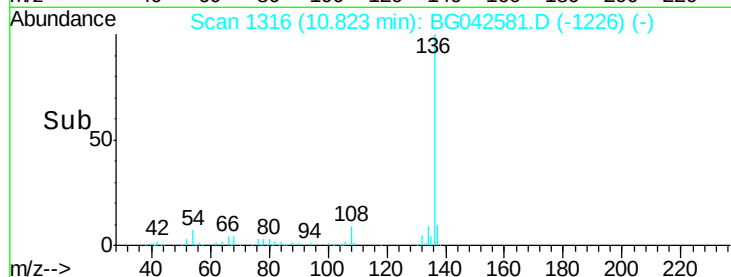
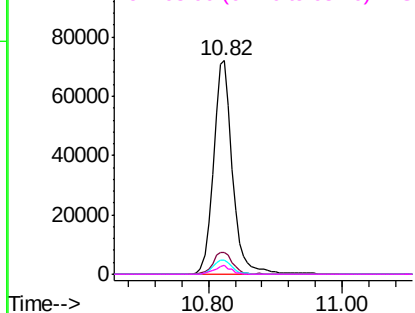
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:	136	Resp:	143543
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	6.6	4.9	7.3
68	4.4	3.6	5.4

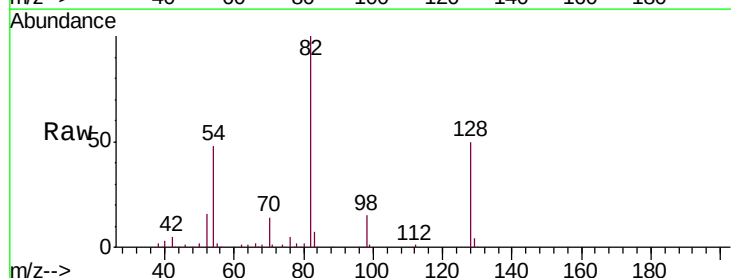


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

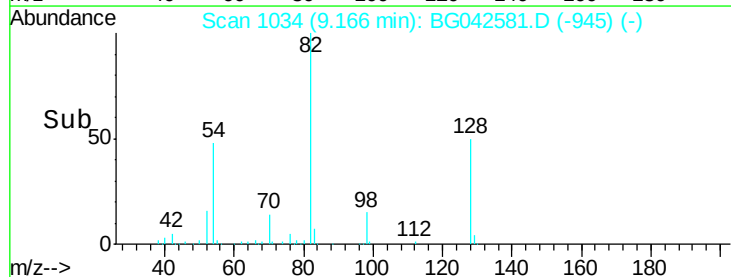
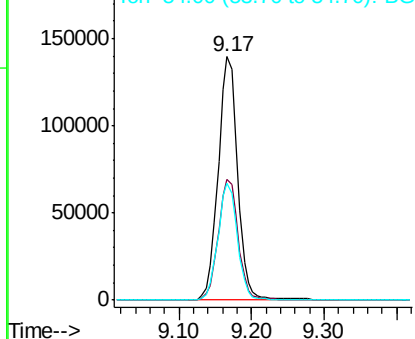


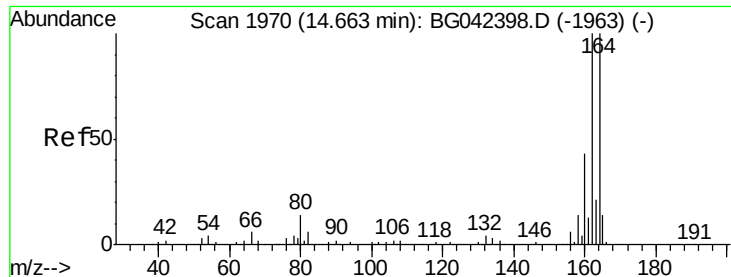
#23
Nitrobenzene-d5
Concen: 126.110 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:	82	Resp:	261956
Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.7	61.1
54	48.0	36.3	54.5



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: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Instrument :

BNA_G

ClientSampleId :

S-5-(5-7)

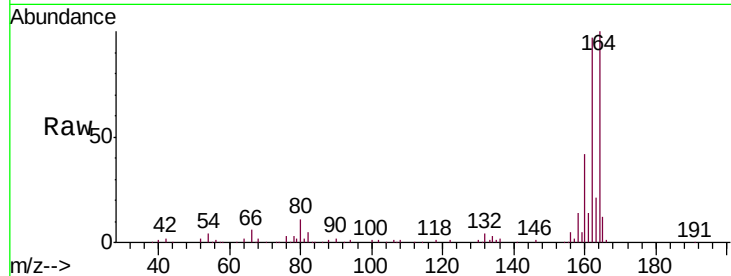
Tgt Ion:164 Resp: 103258

Ion Ratio Lower Upper

164 100

162 97.1 79.9 119.9

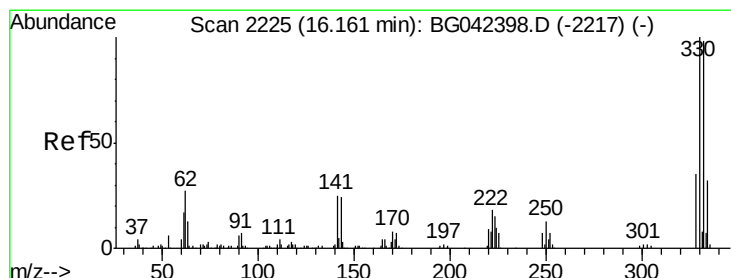
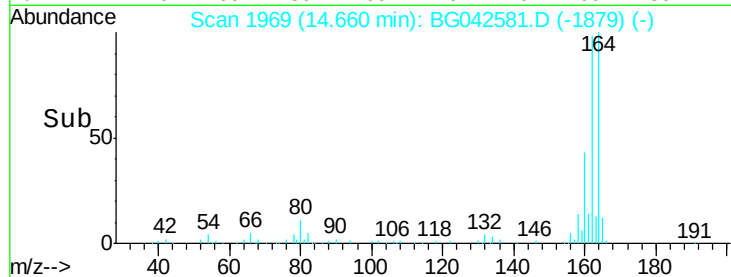
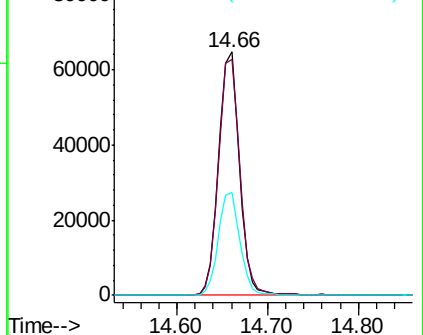
160 42.4 34.3 51.5



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: 188.967 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

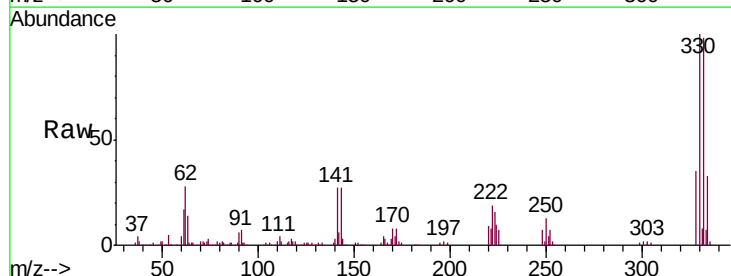
Tgt Ion:330 Resp: 277336

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

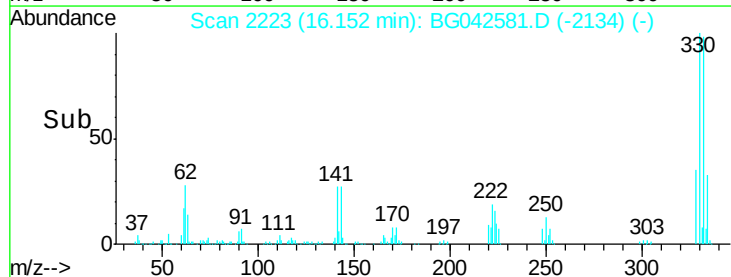
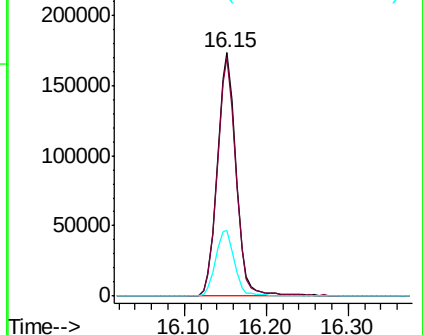
141 27.6 21.4 32.0

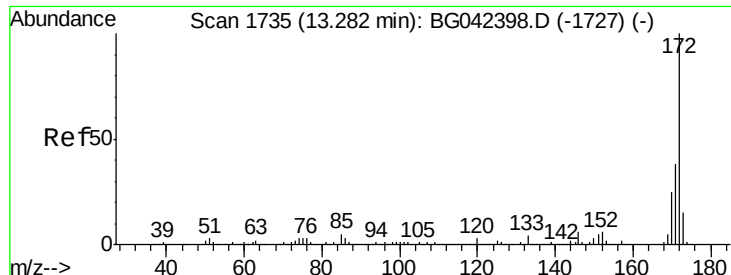


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

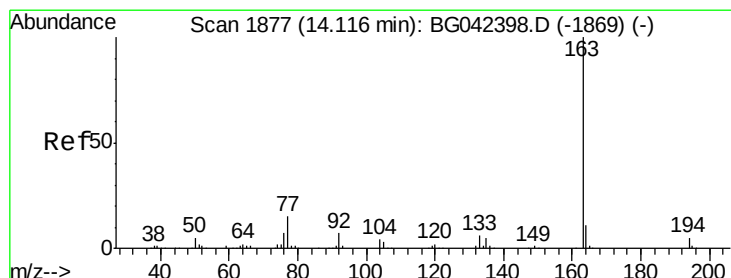
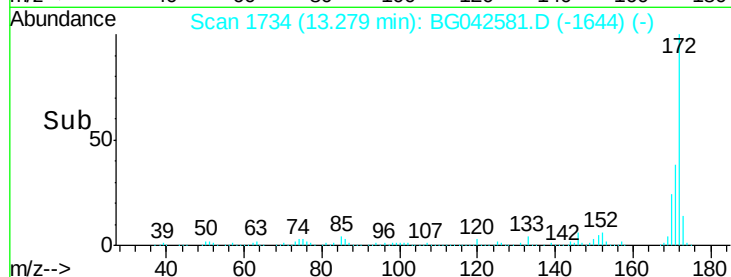
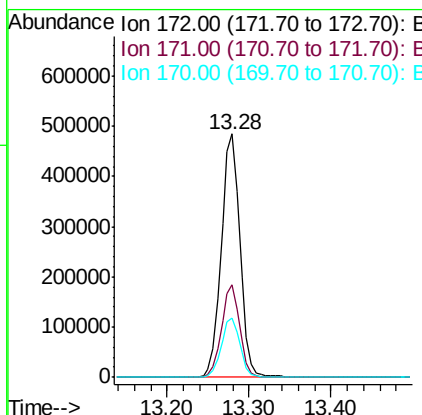
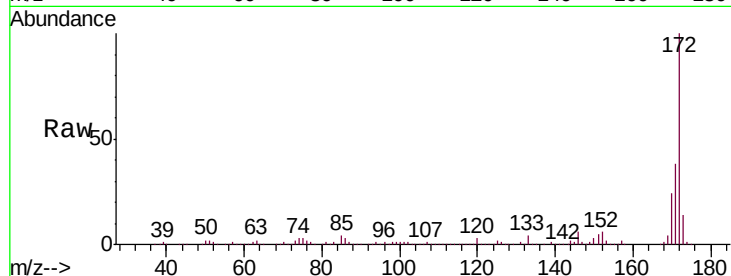




#45
2-Fluorobiphenyl
Concen: 126.538 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

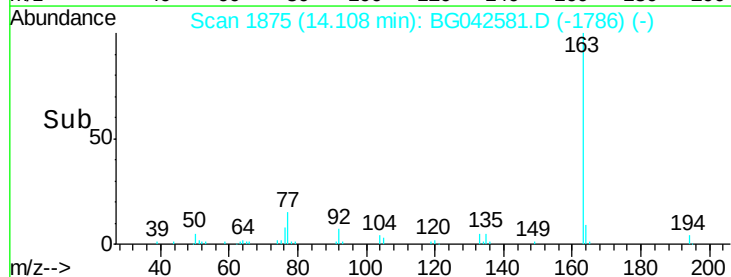
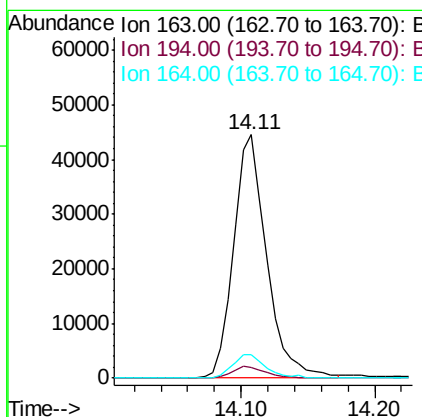
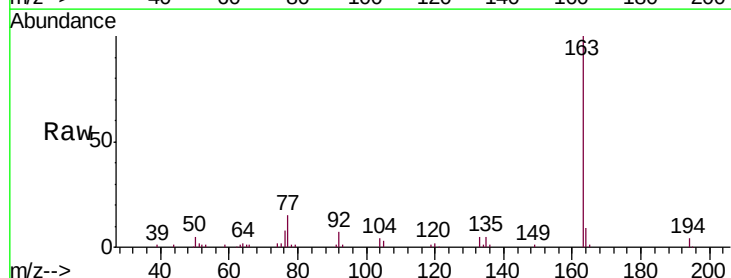
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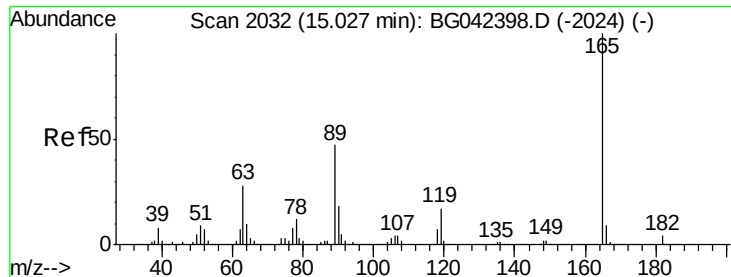
Tgt Ion:172 Resp: 772550
Ion Ratio Lower Upper
172 100
171 37.9 30.5 45.7
170 24.4 20.2 30.2



#50
Dimethylphthalate
Concen: 10.266 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Tgt Ion:163 Resp: 76489
Ion Ratio Lower Upper
163 100
194 4.4 4.2 6.2
164 9.5 8.8 13.2

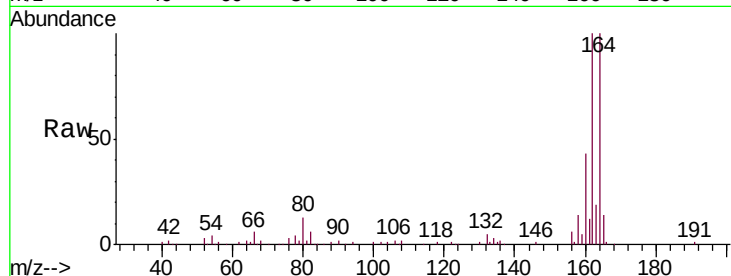




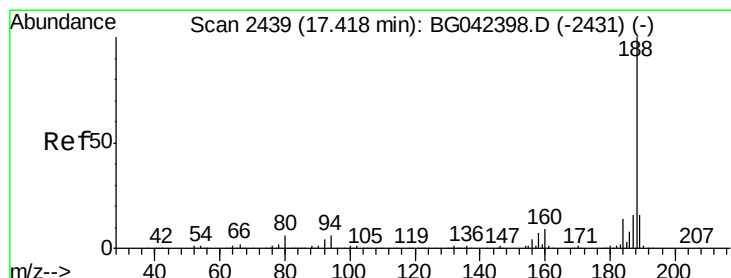
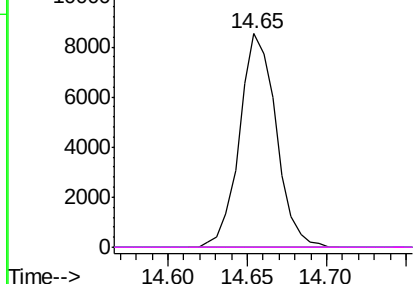
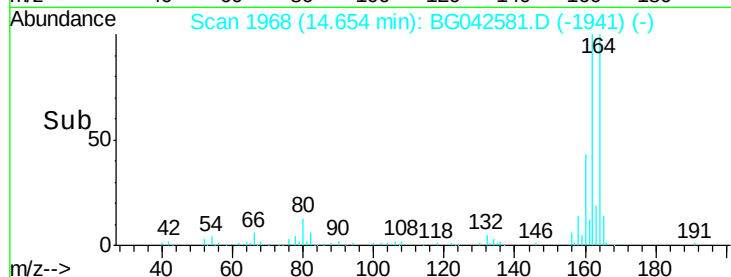
#57
 2,4-Dinitrotoluene
 Concen: 5.531 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.37 min
 Lab File: BG042581.D
 Acq: 30 Aug 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 S-5-(5-7)

Tgt Ion:	165	Resp:	13679
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#

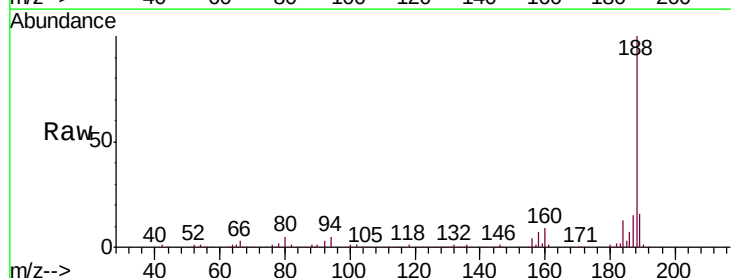


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

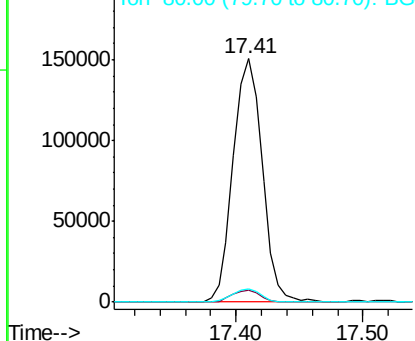
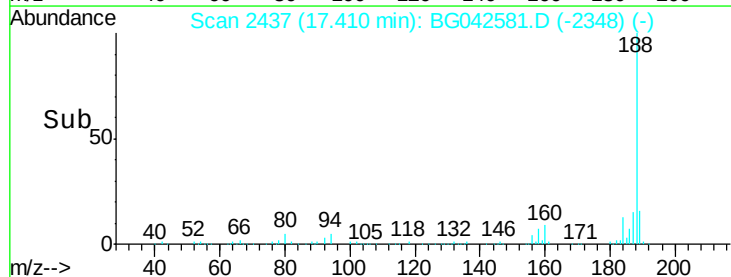


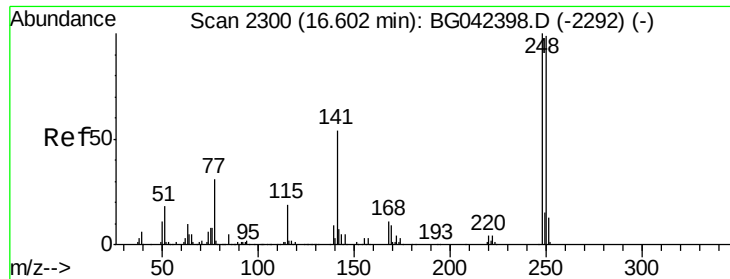
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042581.D
 Acq: 30 Aug 2019 1:19

Tgt Ion:	188	Resp:	240234
Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.5	6.7
80	5.2	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

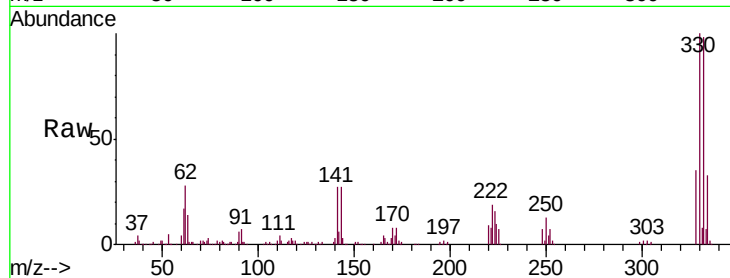




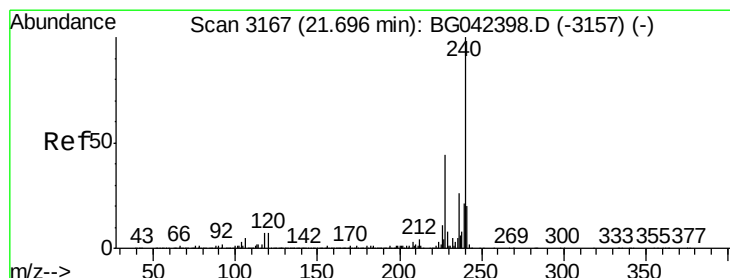
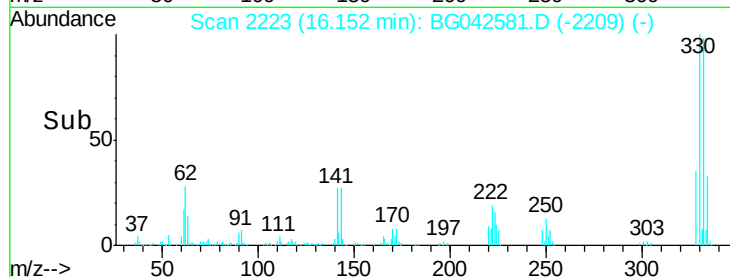
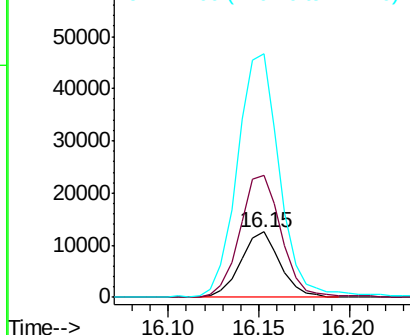
#67
 4-Bromophenyl-phenylether
 Concen: 6.240 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042581.D
 Acq: 30 Aug 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 S-5-(5-7)

Tgt Ion: 248 Resp: 19014
 Ion Ratio Lower Upper
 248 100
 250 186.6 78.9 118.3#
 141 373.8 43.3 64.9#

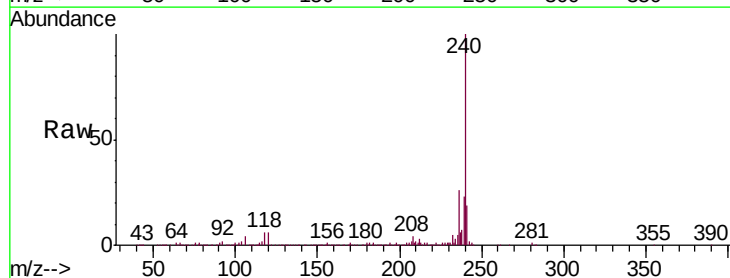


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

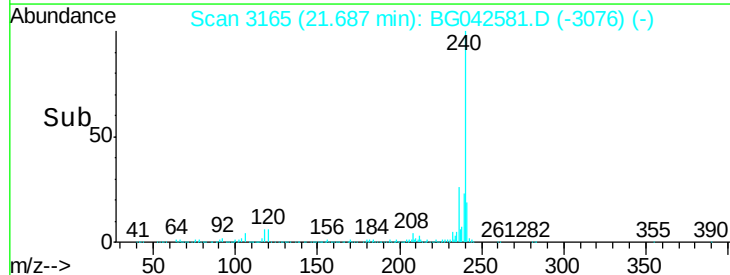
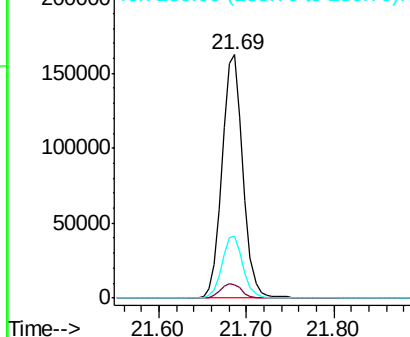


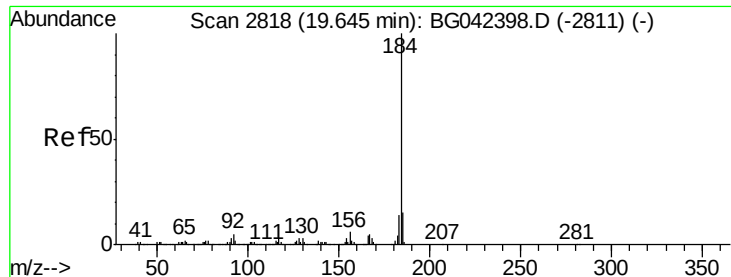
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042581.D
 Acq: 30 Aug 2019 1:19

Tgt Ion: 240 Resp: 267105
 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





#77

Benzidine

Concen: 2.323 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.38 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

Instrument :

BNA_G

ClientSampleId :

S-5-(5-7)

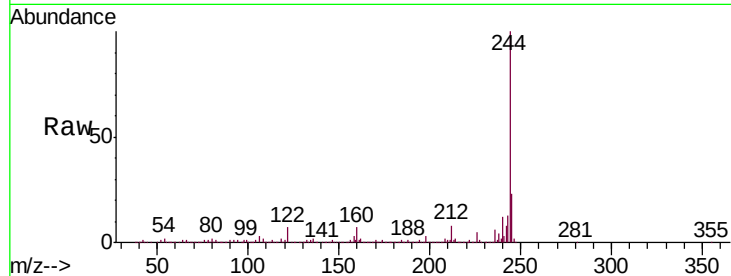
Tgt Ion:184 Resp: 17788

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.4

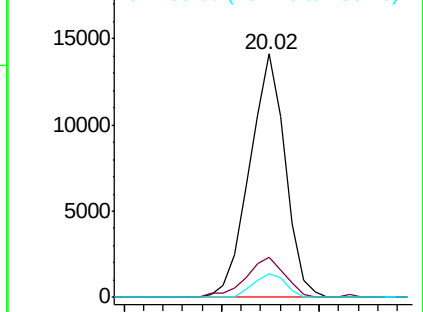
183 9.9 10.8 16.2#



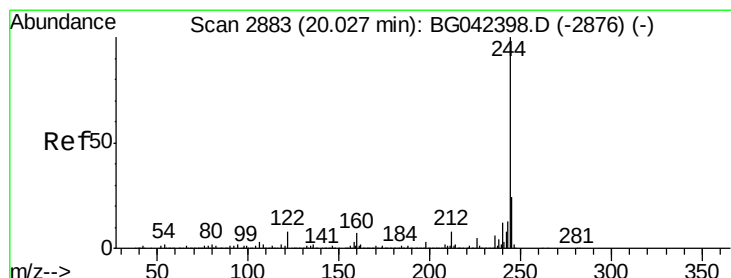
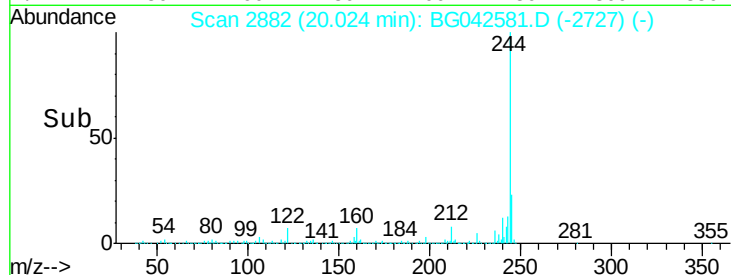
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.95 20.00 20.05



#79

Terphenyl-d14

Concen: 107.524 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042581.D

Acq: 30 Aug 2019 1:19

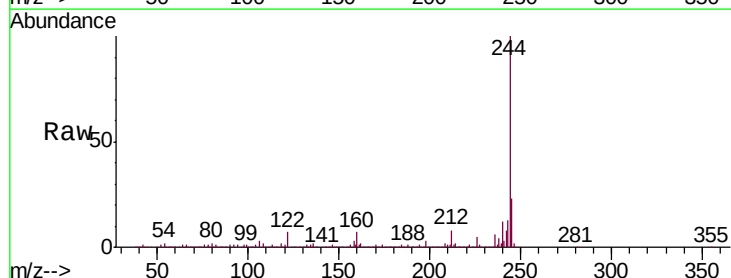
Tgt Ion:244 Resp: 1328464

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

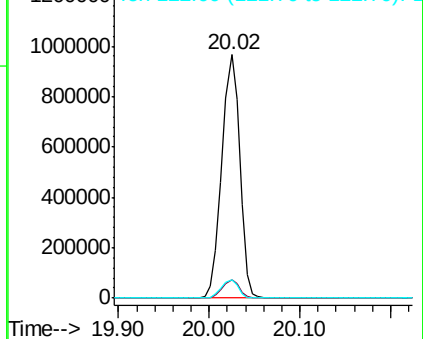
122 7.3 6.7 10.1



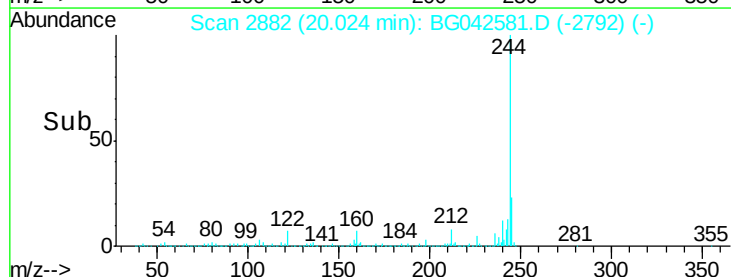
Abundance Ion 244.00 (243.70 to 244.70): E

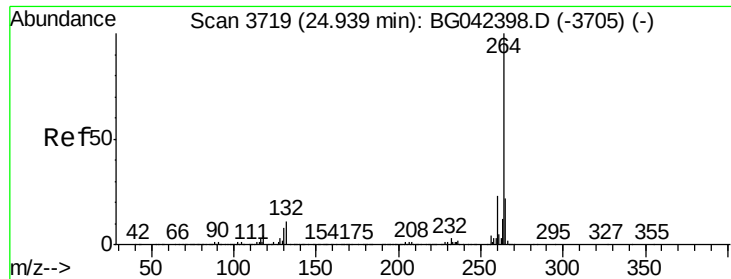
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00 20.10





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG042581.D
Acq: 30 Aug 2019 1:19

Instrument :
BNA_G
ClientSampleId :
S-5-(5-7)

Tgt Ion:	264	Resp:	319073
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	22.6	17.6	26.4

