

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042725.D
 Acq On : 5 Sep 2019 18:07
 Operator : HP/JU
 Sample : K4668-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:45:16 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

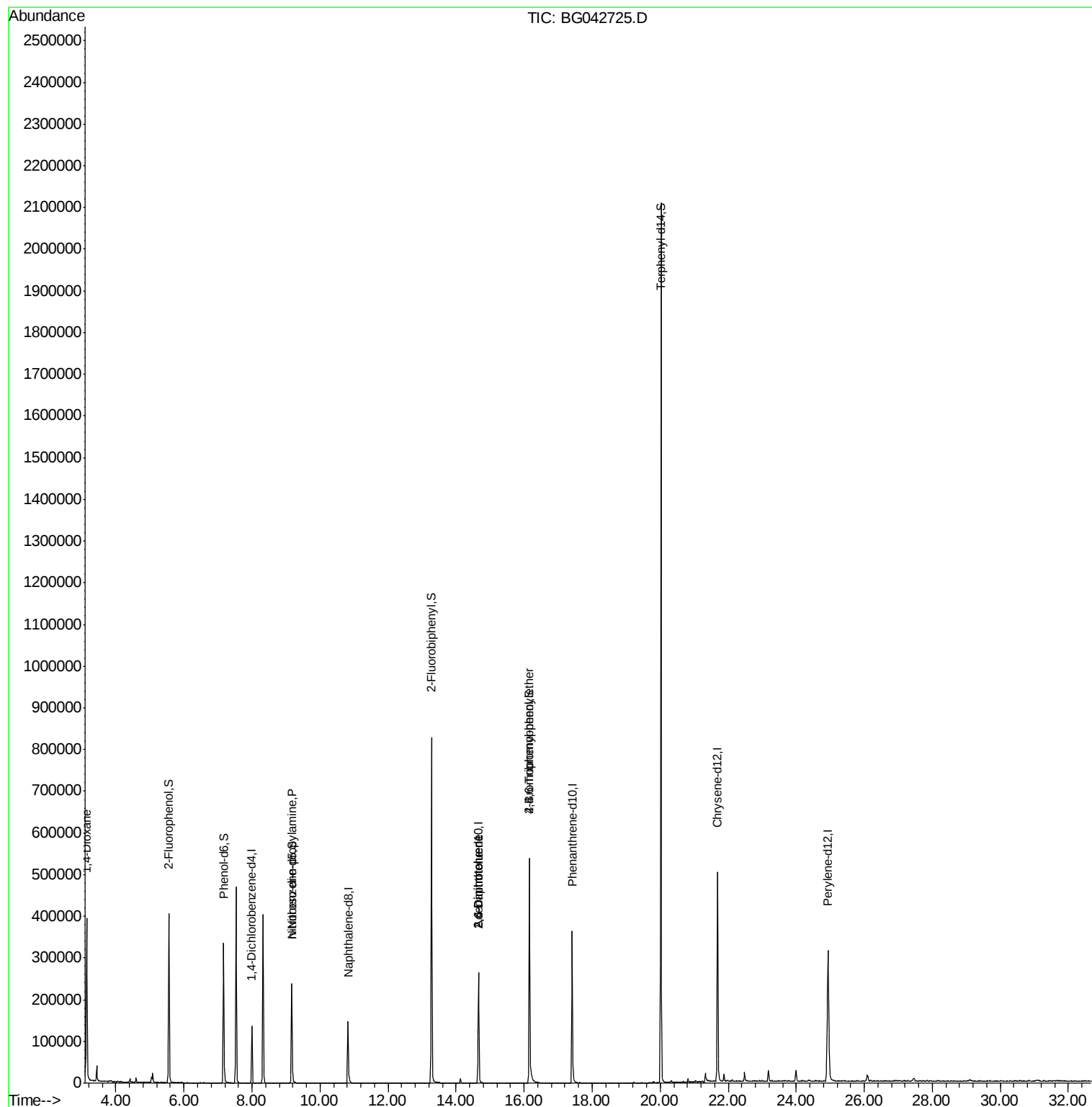
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	46271	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	166869	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	120064	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	281582	20.00	ng	0.00
76) Chrysene-d12	21.68	240	348112	20.00	ng	-0.01
87) Perylene-d12	24.93	264	412906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	200694	87.84	ng	0.00
7) Phenol-d6	7.17	99	227105	73.59	ng	0.00
23) Nitrobenzene-d5	9.17	82	162495	67.29	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	173779	101.83	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	522566	73.61	ng	0.00
79) Terphenyl-d14	20.02	244	1097769	68.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	4890	5.129	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	20821	10.414	ng	# 75
51) 2,6-Dinitrotoluene	14.66	165	15148	7.544	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	15148	5.268	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11494	3.218	ng	# 1

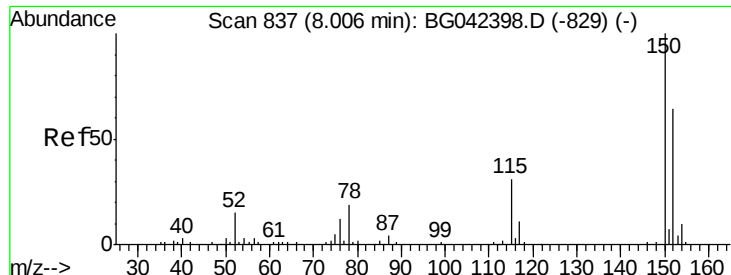
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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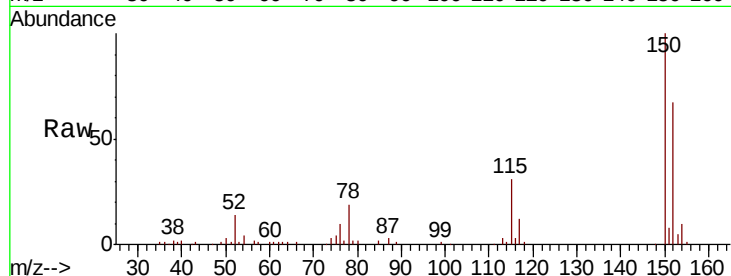


#1

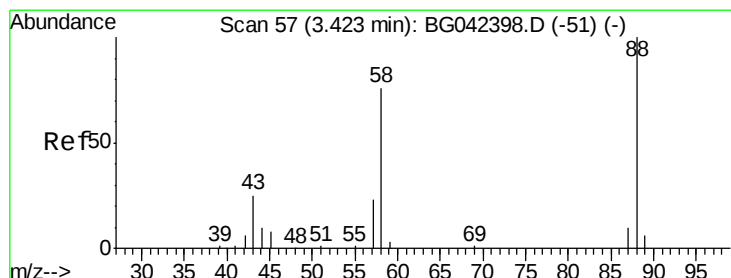
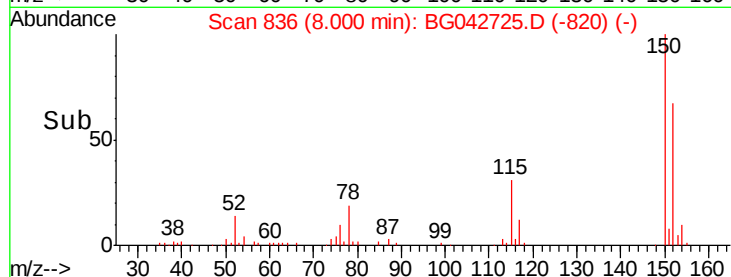
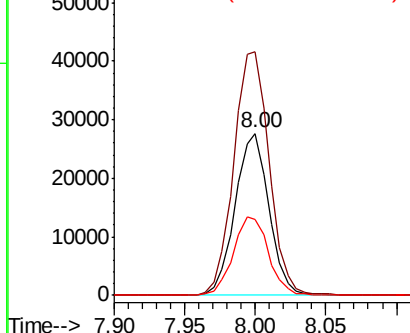
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46271
Ion Ratio Lower Upper
152 100
150 150.3 125.4 188.0
115 47.3 38.5 57.7



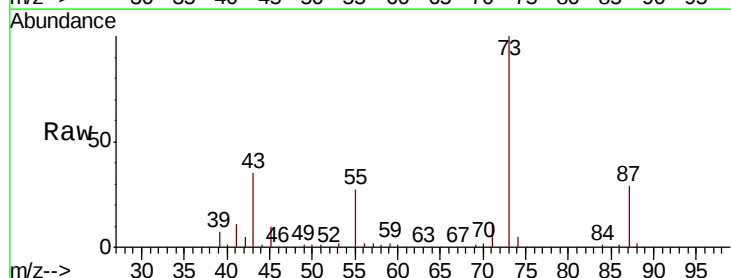
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



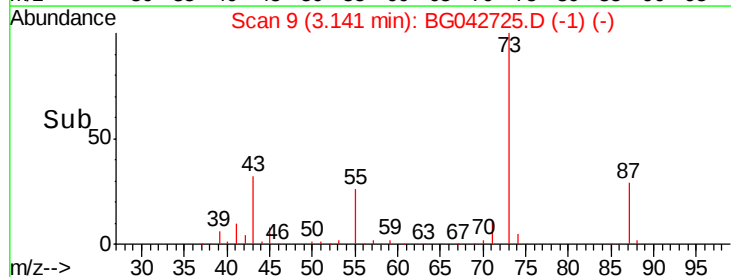
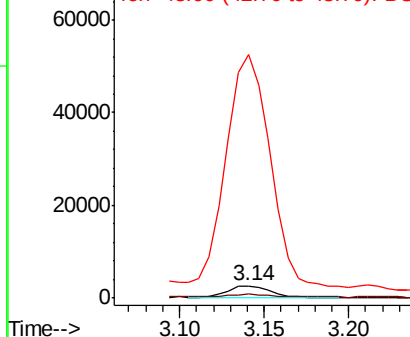
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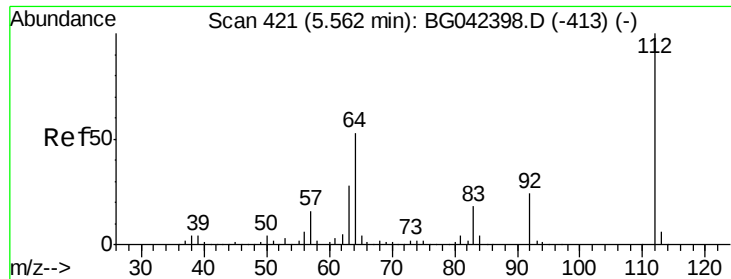
1,4-Dioxane
Concen: 5.129 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.28 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

Tgt Ion: 88 Resp: 4890
Ion Ratio Lower Upper
88 100
58 42.1 58.3 87.5#
43 1862.9 20.2 30.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 87.844 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

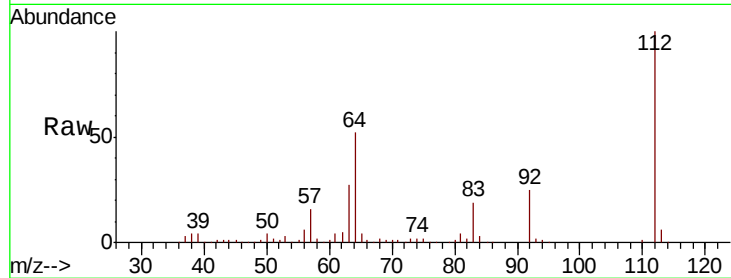
Tot Ion:112 Resp: 200694

Ion Ratio Lower Upper

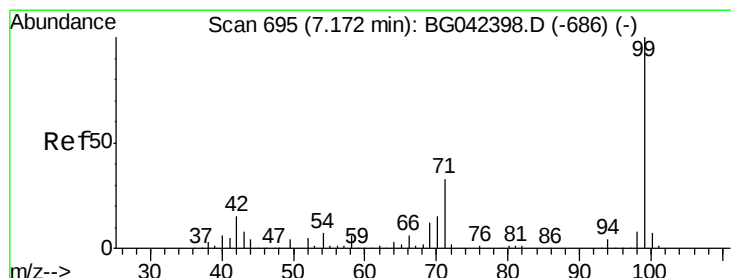
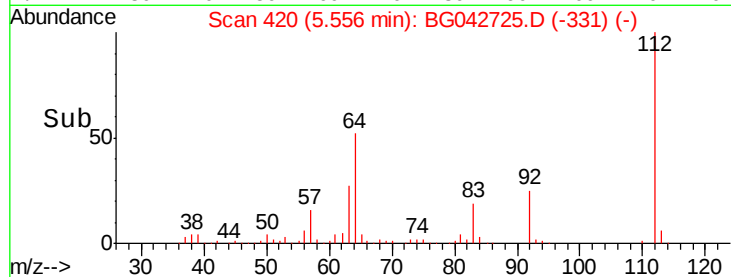
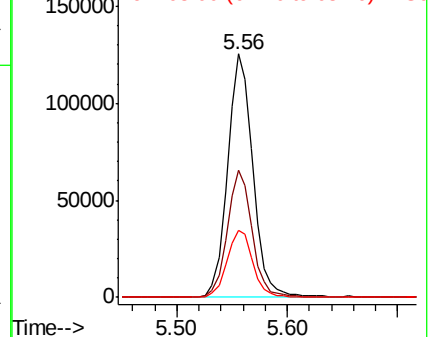
112 100

64 52.1 42.8 64.2

63 27.4 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 73.591 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

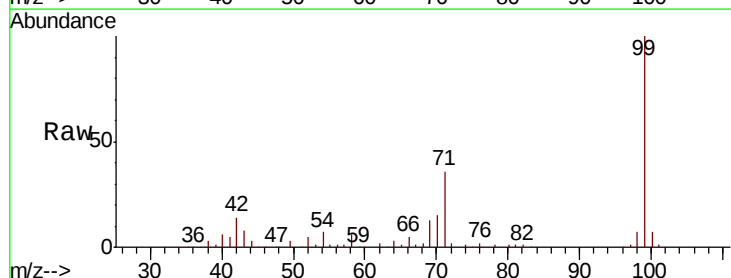
Tgt Ion: 99 Resp: 227105

Ion Ratio Lower Upper

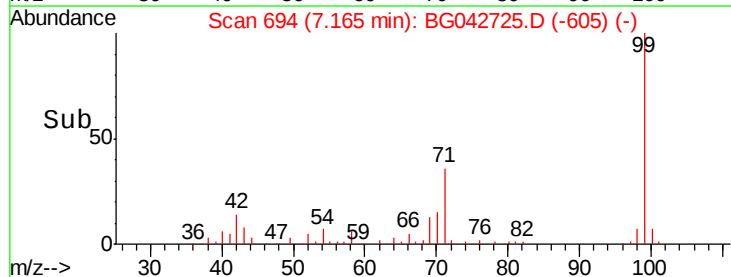
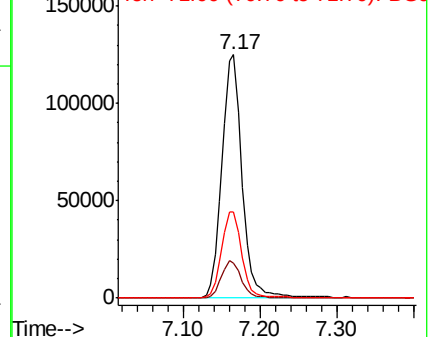
99 100

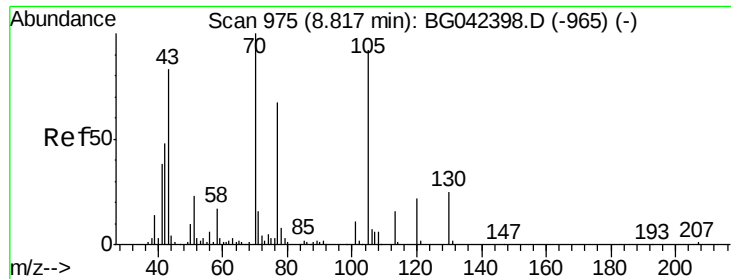
42 14.4 12.0 18.0

71 35.6 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

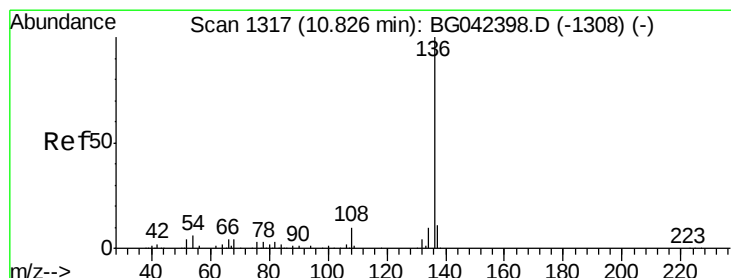
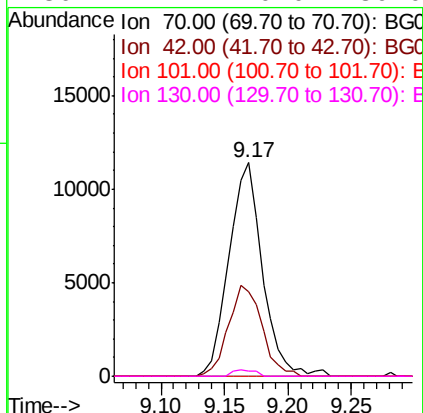
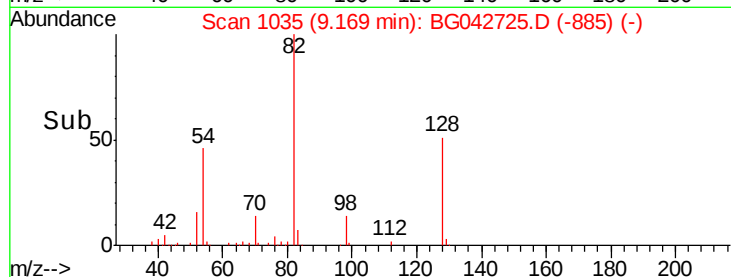
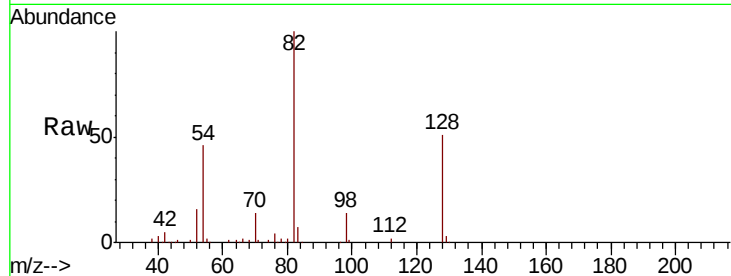




#19
n-Nitroso-di-n-propylamine
Concen: 10.414 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

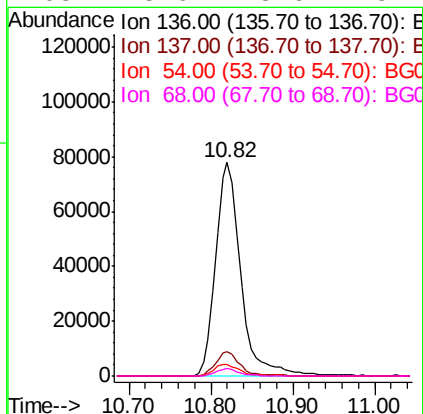
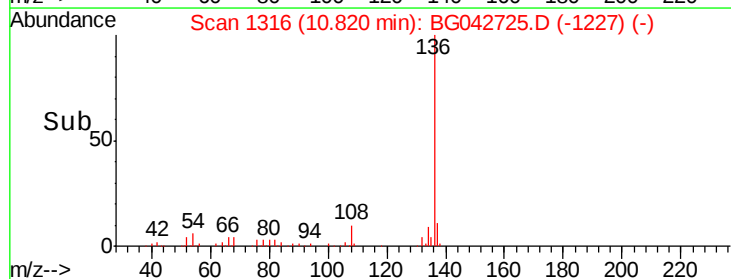
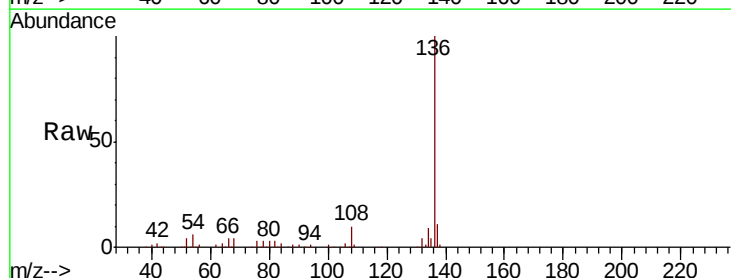
Instrument :
BNA_G
ClientSampleId :

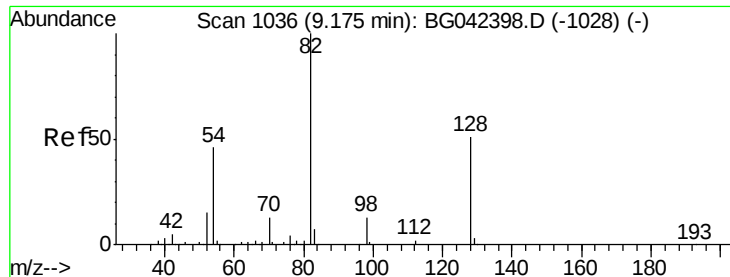
Tot Ion: 70 Resp: 20821
Ion Ratio Lower Upper
70 100
42 39.3 38.8 58.2
101 0.0 9.0 13.6#
130 2.7 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042725.D
Acq: 5 Sep 2019 18:07

Tgt Ion: 136 Resp: 166869
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 5.7 4.9 7.3
68 3.6 3.6 5.4

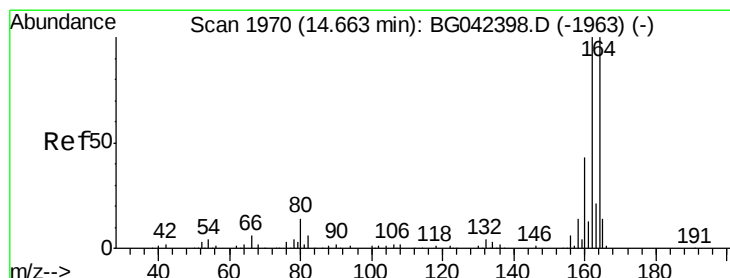
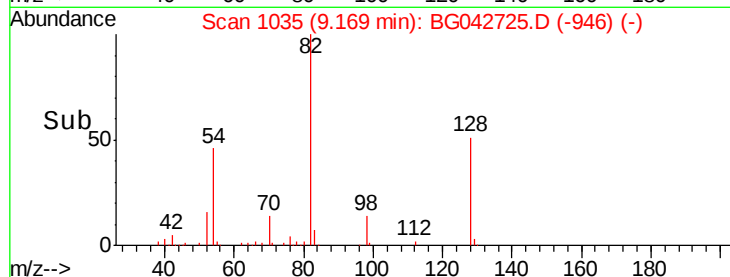
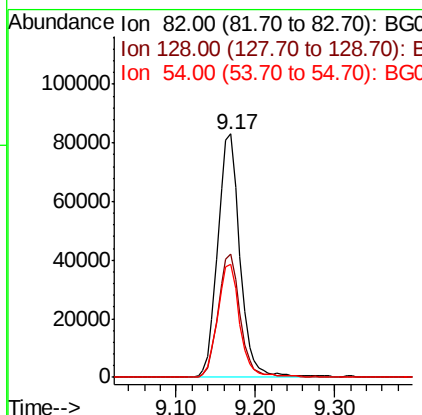
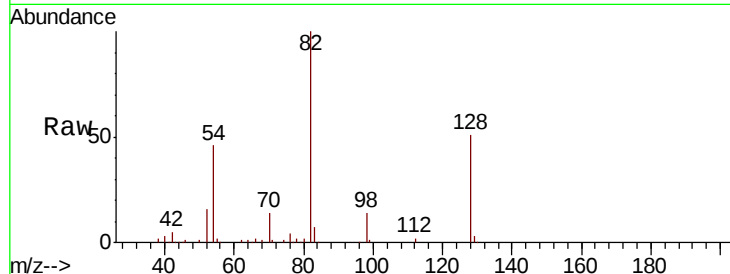




#23
 Nitrobenzene-d5
 Concen: 67.293 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

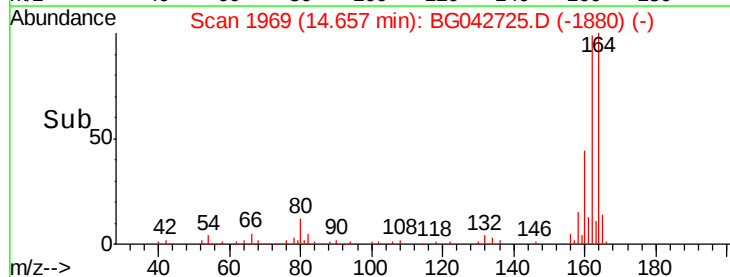
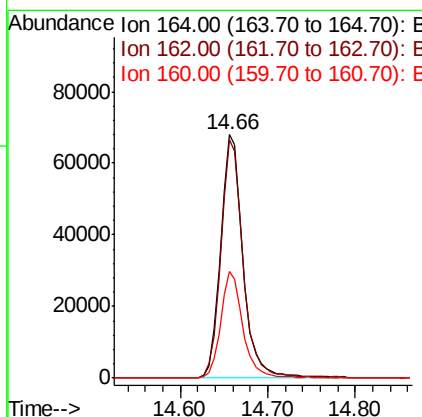
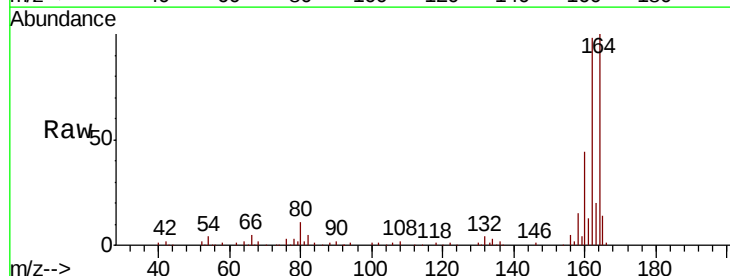
Instrument :
 BNA_G
 ClientSampleId :

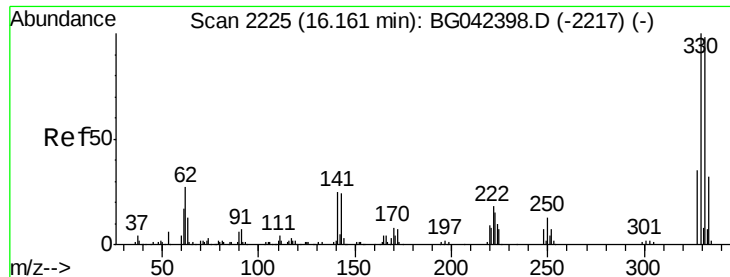
Tot Ion	82	Resp	162495
Ion Ratio	Lower	Upper	
82	100		
128	50.9	40.7	61.1
54	46.3	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Tgt Ion	164	Resp	120064
Ion Ratio	Lower	Upper	
164	100		
162	97.8	79.9	119.9
160	43.6	34.3	51.5

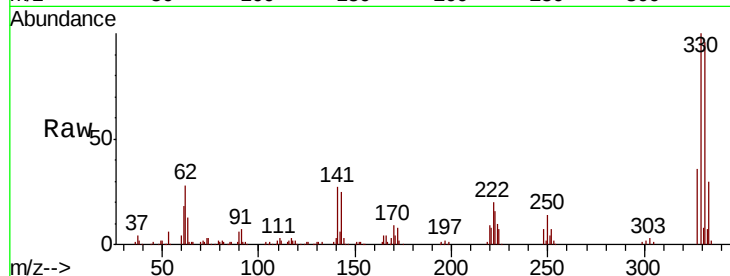




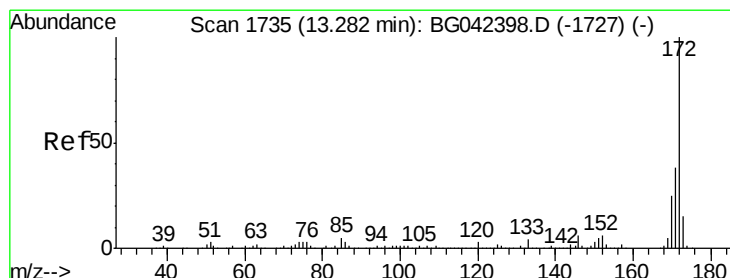
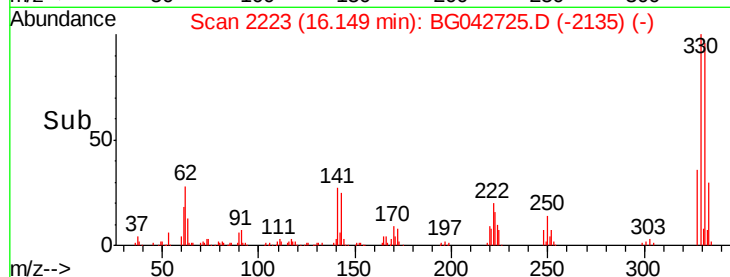
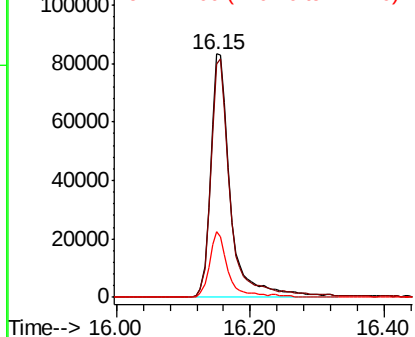
#42
 2,4,6-Tribromophenol
 Concen: 101.833 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 173779
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.0
 141 25.4 21.4 32.0

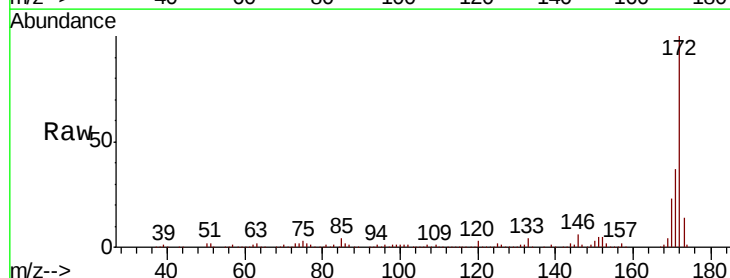


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

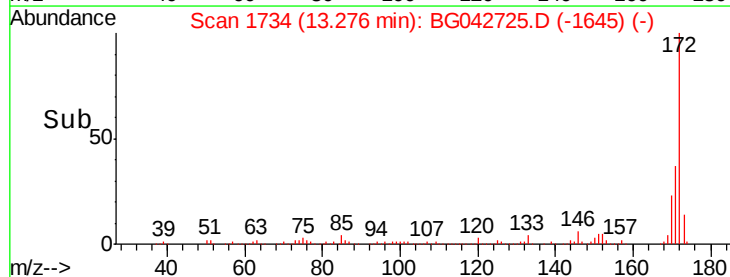
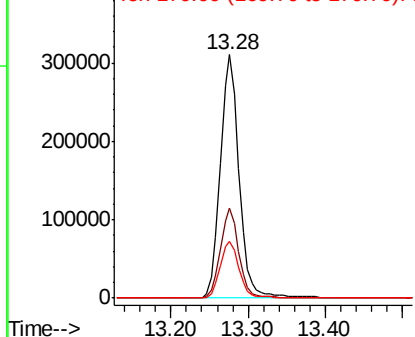


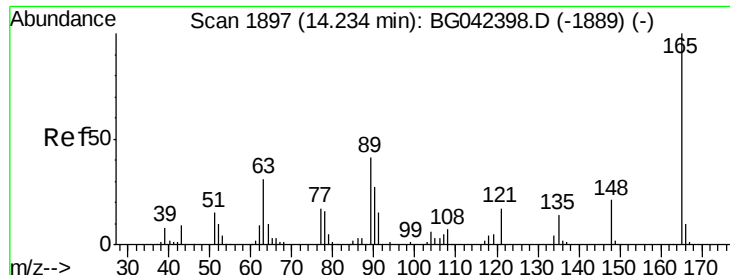
#45
 2-Fluorobiphenyl
 Concen: 73.611 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Tgt Ion:172 Resp: 522566
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.5 45.7
 170 23.4 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

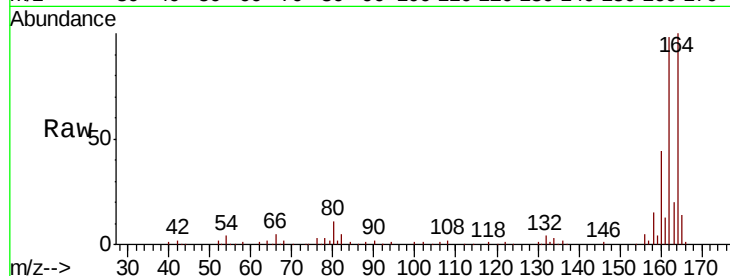




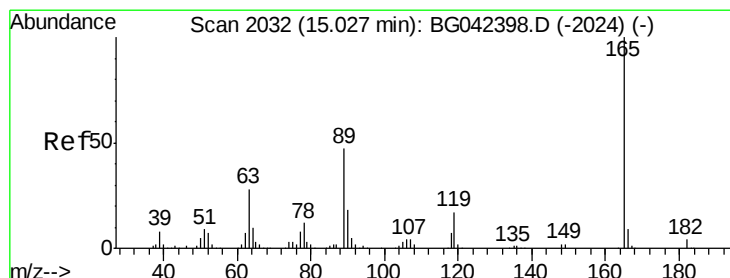
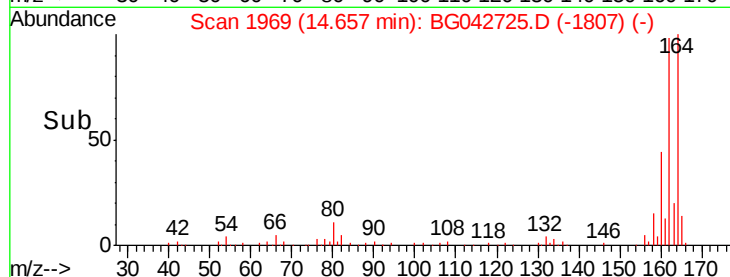
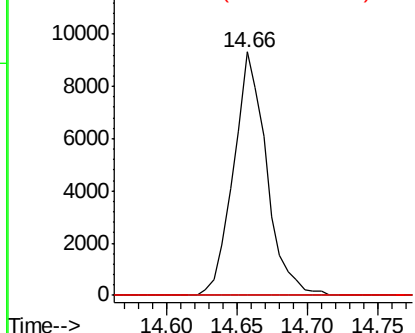
#51
 2,6-Dinitrotoluene
 Concen: 7.544 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#



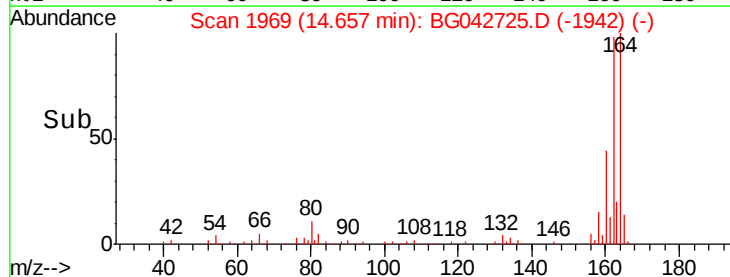
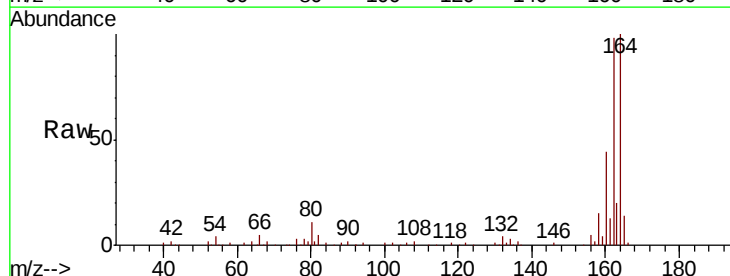
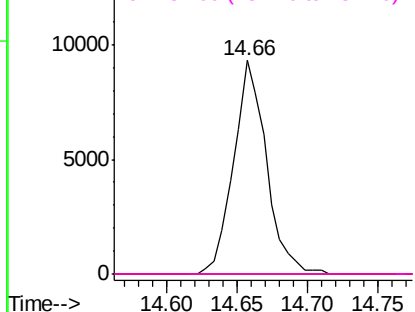
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

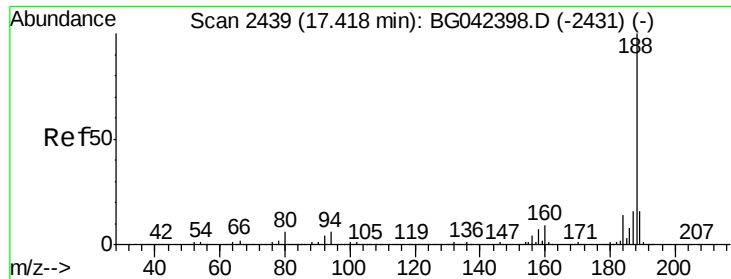


#57
 2,4-Dinitrotoluene
 Concen: 5.268 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

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: BG042725.D

Acq: 5 Sep 2019 18:07

Instrument :

BNA_G

ClientSampleId :

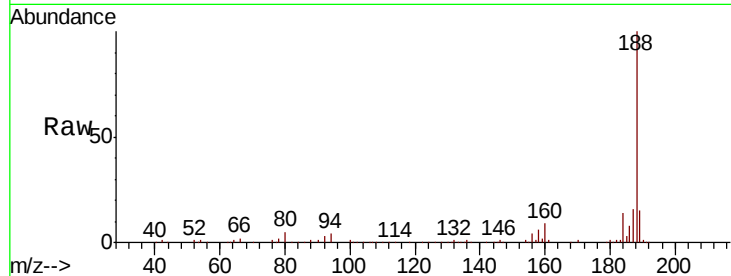
Tot Ion:188 Resp: 281582

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

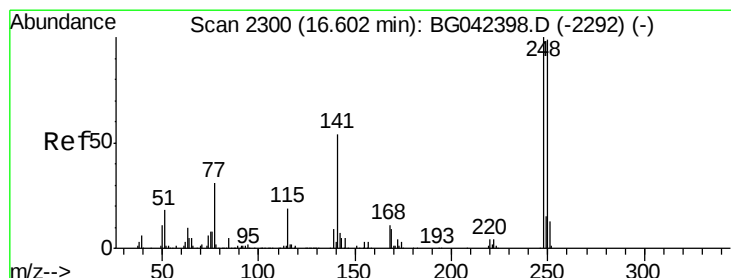
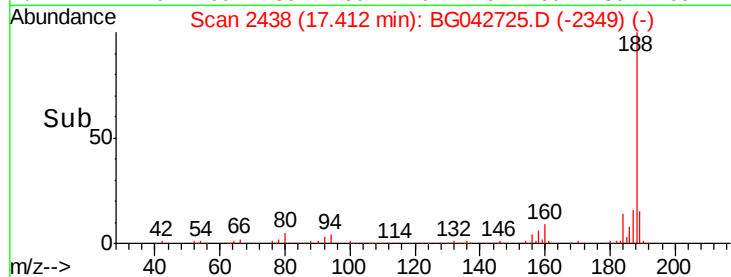
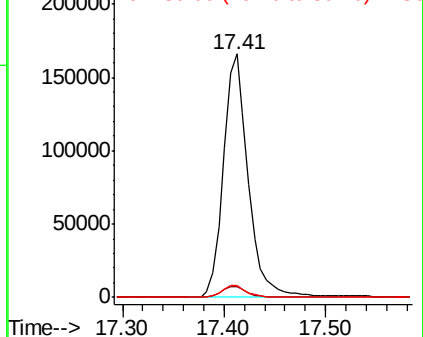
80 5.1 4.9 7.3



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: 3.218 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042725.D

Acq: 5 Sep 2019 18:07

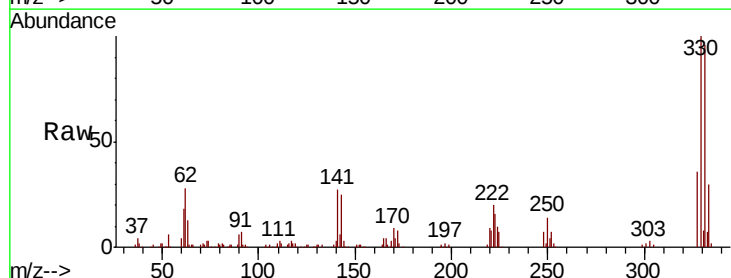
Tgt Ion:248 Resp: 11494

Ion Ratio Lower Upper

248 100

250 197.2 78.9 118.3#

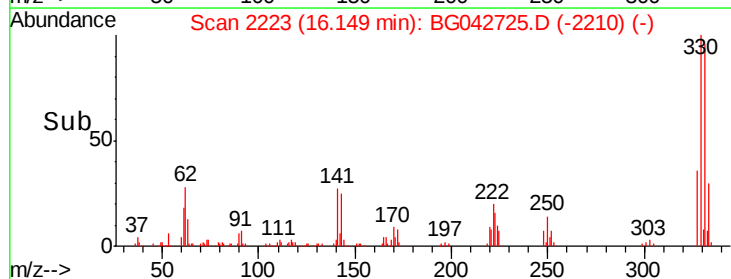
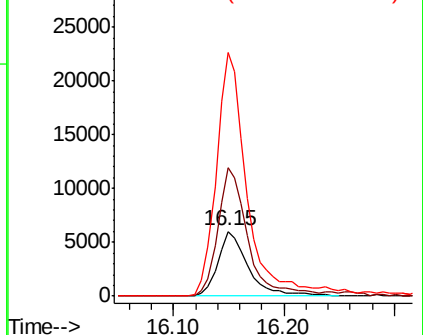
141 374.9 43.3 64.9#

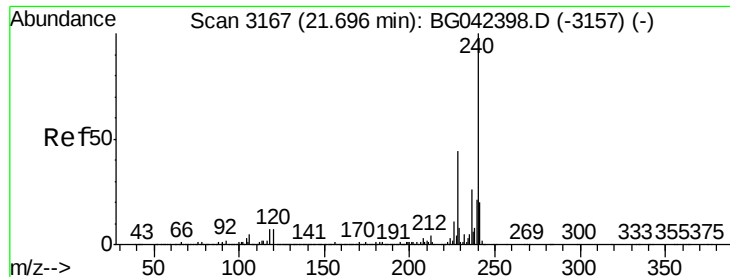


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

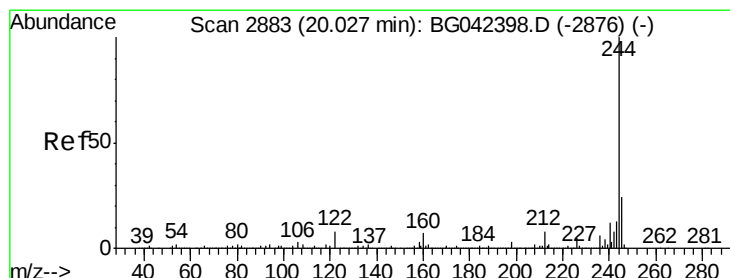
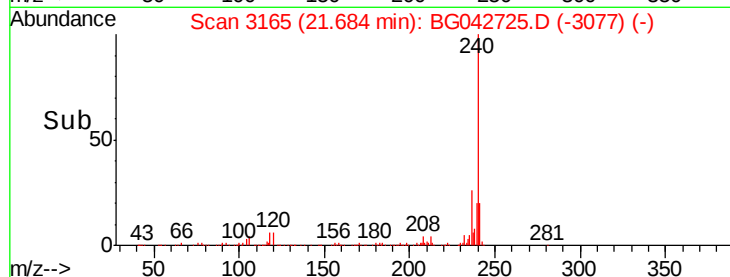
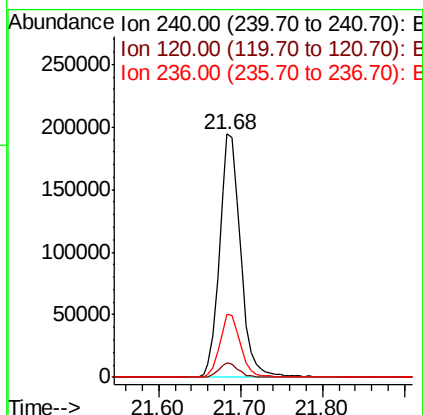
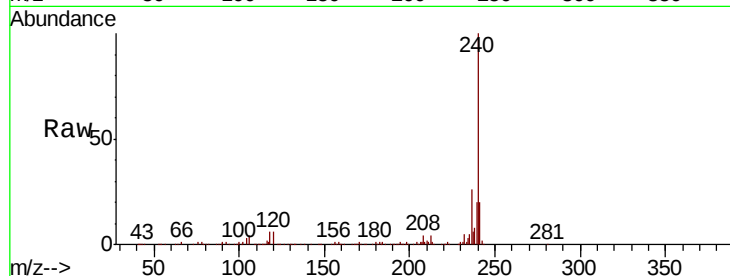




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

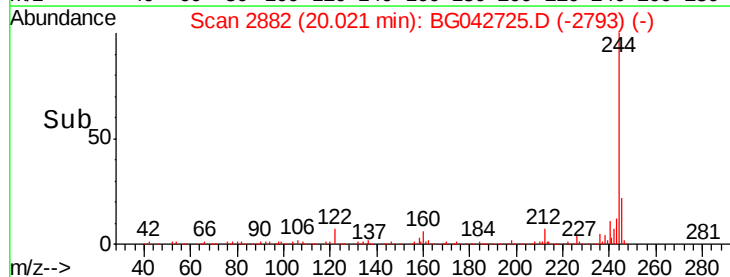
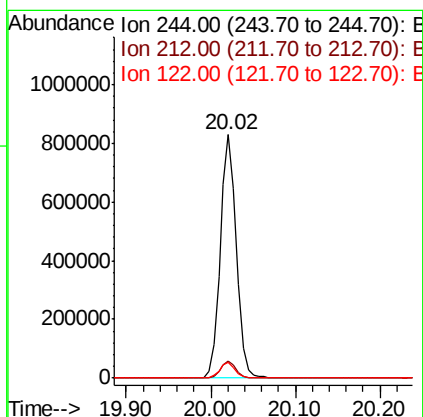
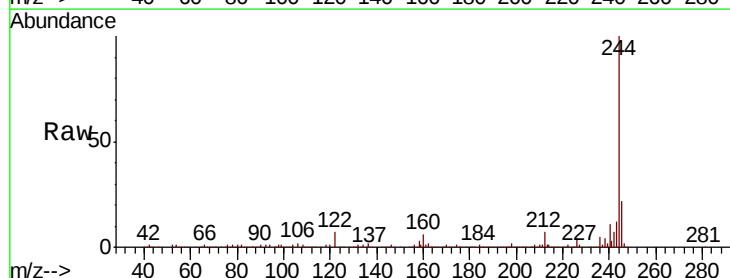
Instrument :
 BNA_G
 ClientSampled :

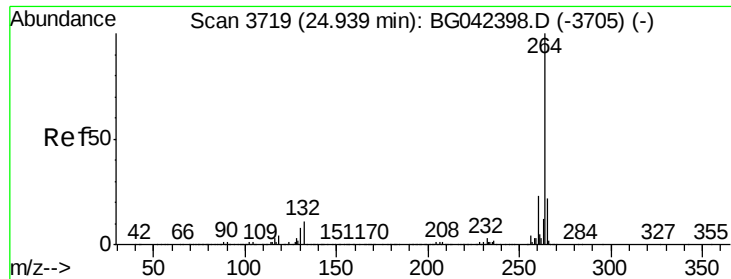
Tot Ion:240 Resp: 348112
 Ion Ratio Lower Upper
 240 100
 120 5.7 5.7 8.5
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 68.176 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Tgt Ion:244 Resp: 1097769
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 6.7 6.7 10.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042725.D
 Acq: 5 Sep 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.5	27.7
265	22.4	17.6	26.4

