

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042743.D
 Acq On : 6 Sep 2019 6:52
 Operator : HP/JU
 Sample : K4679-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 08:33:32 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

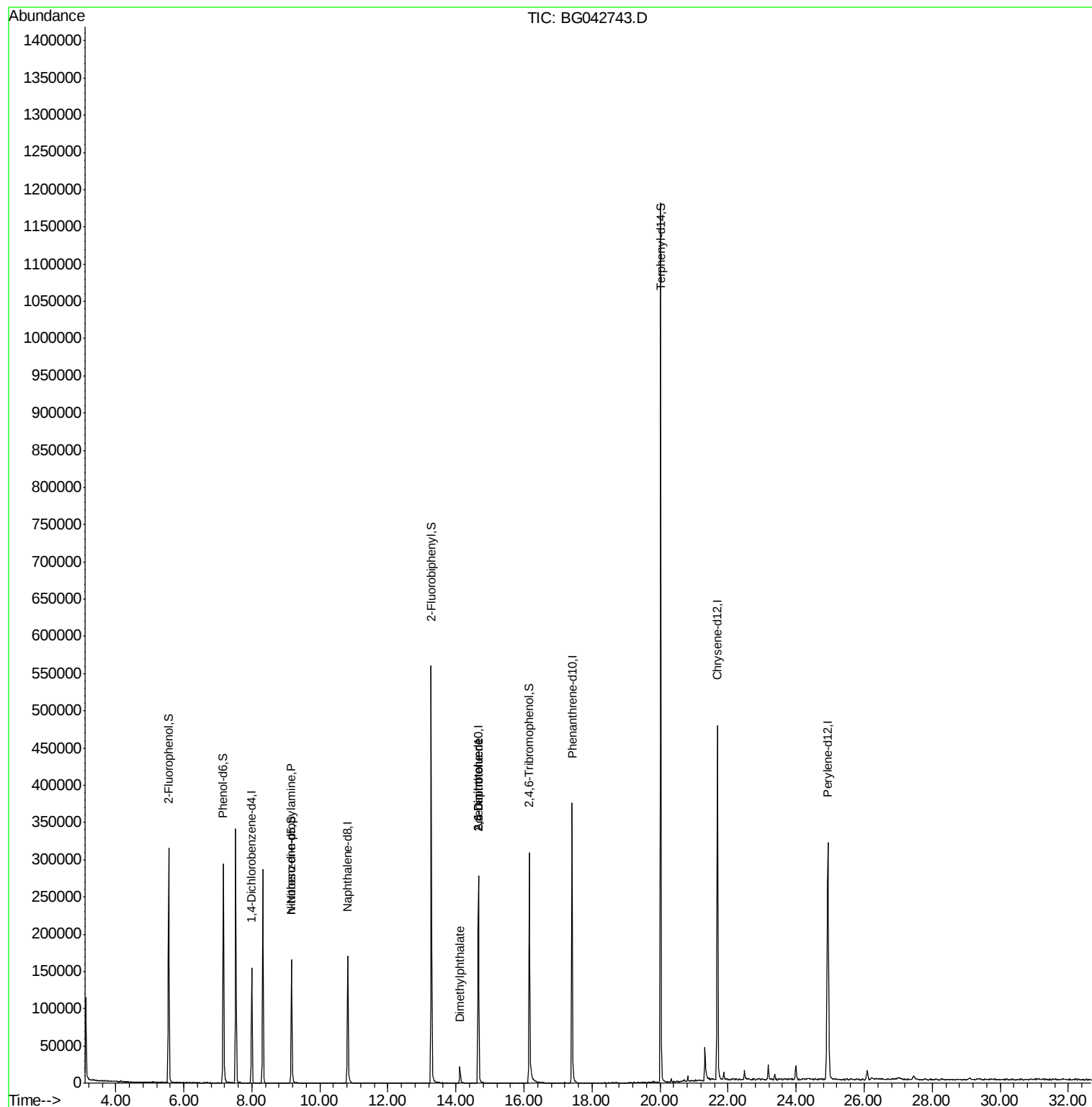
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	51563	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	186591	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	126227	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	282191	20.00	ng	0.00
76) Chrysene-d12	21.69	240	335738	20.00	ng	0.00
87) Perylene-d12	24.93	264	395095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	155523	61.09	ng	0.00
7) Phenol-d6	7.16	99	197255	57.36	ng	0.00
23) Nitrobenzene-d5	9.17	82	111627	41.34	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	97909	54.57	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	358958	48.10	ng	0.00
79) Terphenyl-d14	20.02	244	664830	42.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	14494	6.505	ng	Qvalue # 73
50) Dimethylphthalate	14.11	163	29100	3.195	ng	98
51) 2,6-Dinitrotoluene	14.65	165	16466	7.800	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	16466	5.447	ng	# 38

(#) = 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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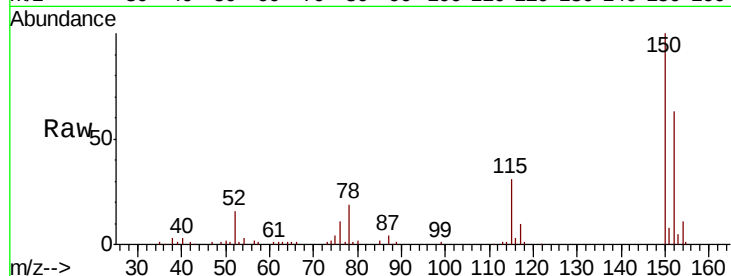


#1

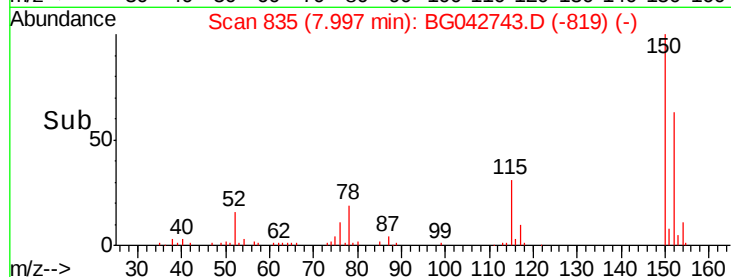
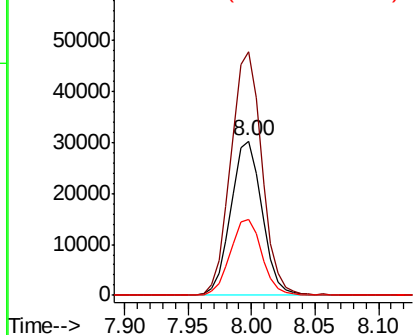
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042743.D
Acq: 6 Sep 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51563
Ion Ratio Lower Upper
152 100
150 157.9 125.4 188.0
115 49.1 38.5 57.7



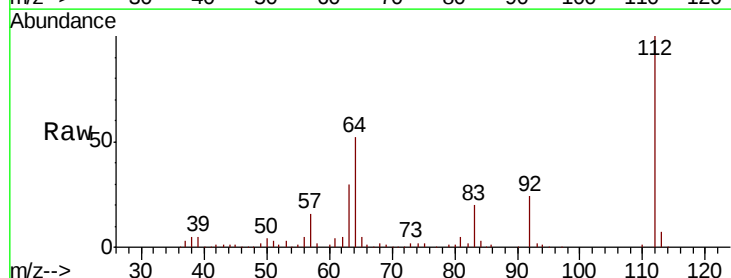
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



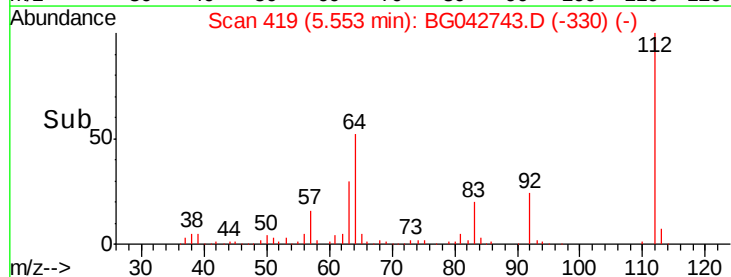
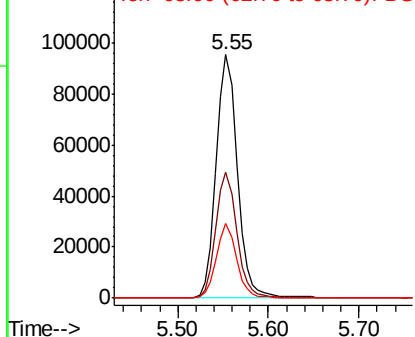
#5

2-Fluorophenol
Concen: 61.086 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042743.D
Acq: 6 Sep 2019 6:52

Tgt Ion:112 Resp: 155523
Ion Ratio Lower Upper
112 100
64 51.6 42.8 64.2
63 30.5 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: 57.358 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042743.D

Acq: 6 Sep 2019 6:52

Instrument :

BNA_G

ClientSampled :

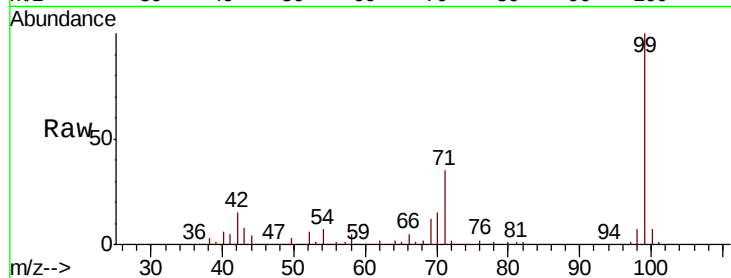
Tot Ion: 99 Resp: 197255

Ion Ratio Lower Upper

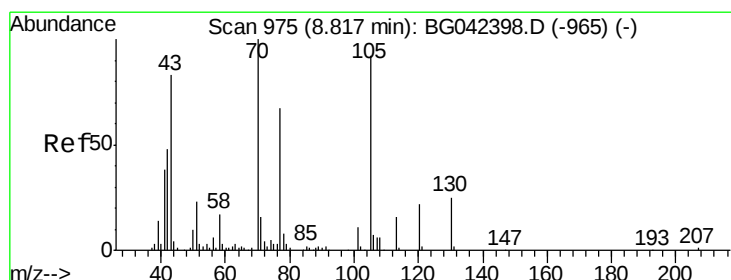
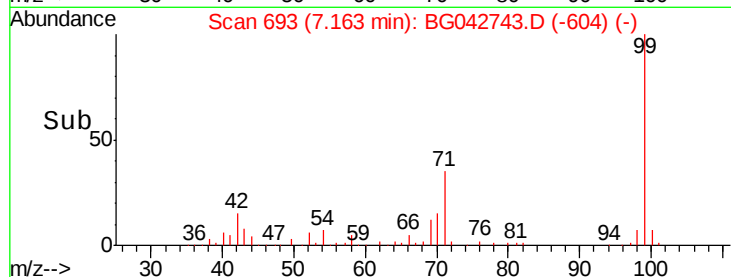
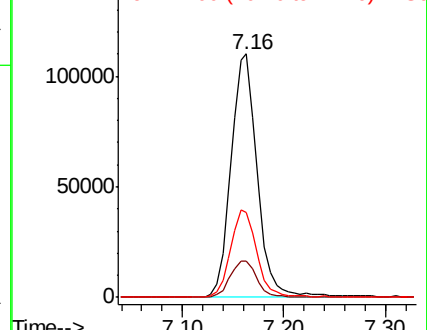
99 100

42 15.0 12.0 18.0

71 35.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 6.505 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042743.D

Acq: 6 Sep 2019 6:52

Tgt Ion: 70 Resp: 14494

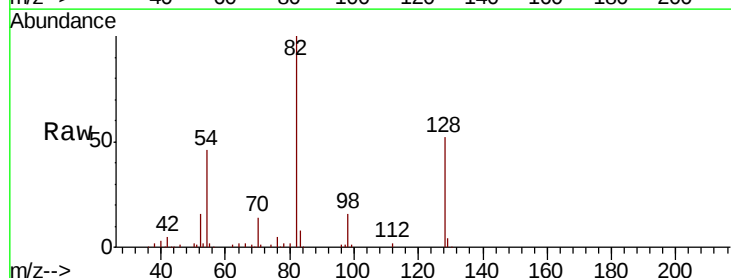
Ion Ratio Lower Upper

70 100

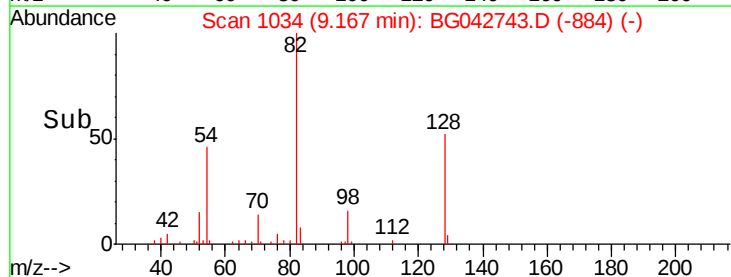
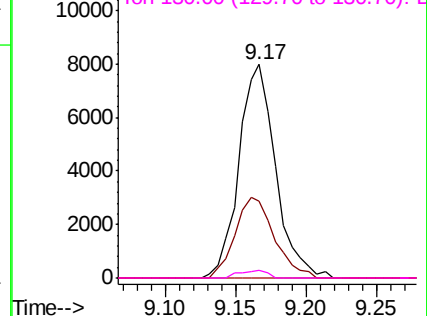
42 35.7 38.8 58.2#

101 0.0 9.0 13.6#

130 3.5 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

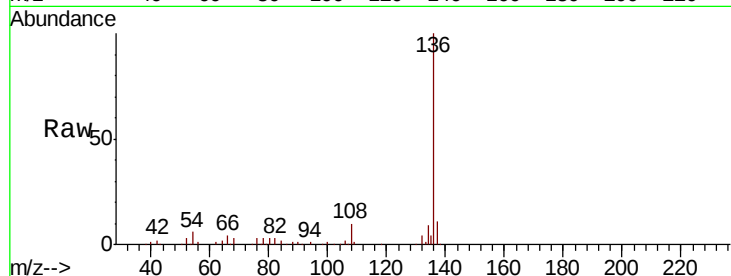




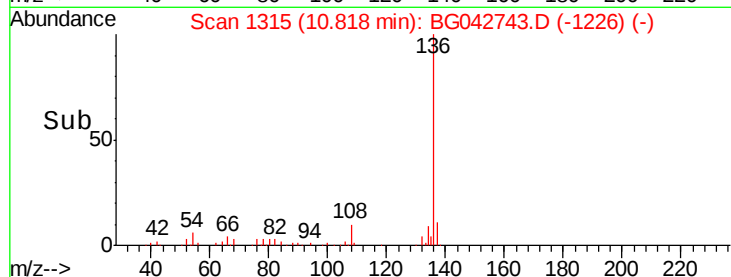
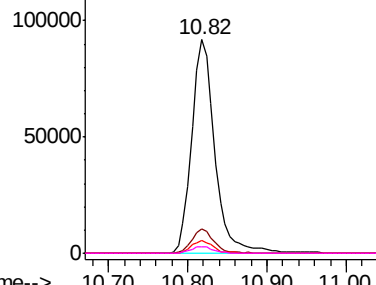
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042743.D
Acq: 6 Sep 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	186591
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	5.7	4.9 7.3
68	2.8	3.6 5.4

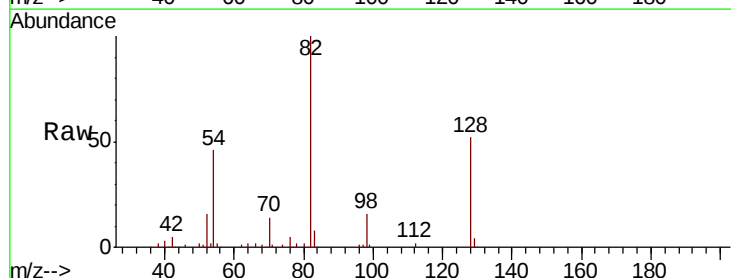


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

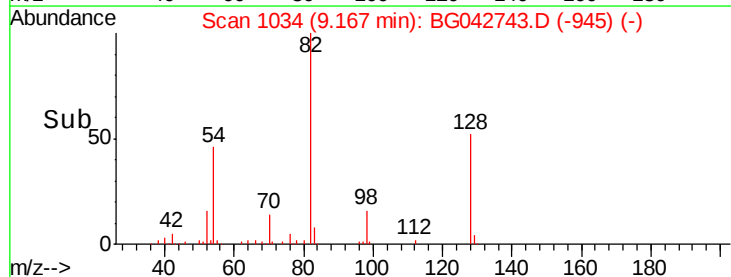
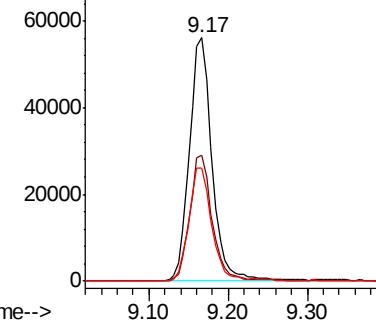


#23
Nitrobenzene-d5
Concen: 41.341 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042743.D
Acq: 6 Sep 2019 6:52

Tgt Ion: 82	Resp:	111627
Ion Ratio	Lower	Upper
82	100	
128	51.5	40.7 61.1
54	46.3	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

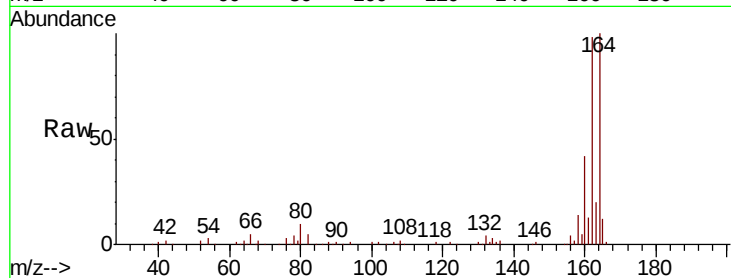




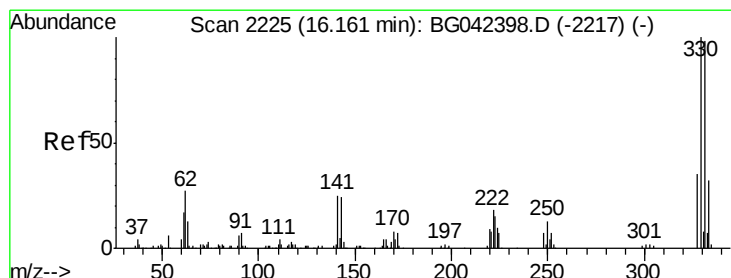
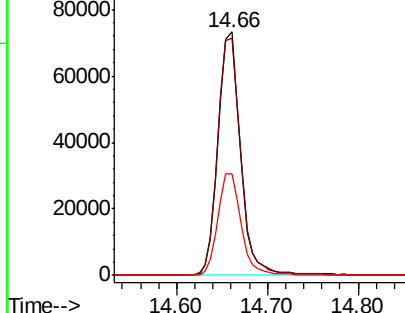
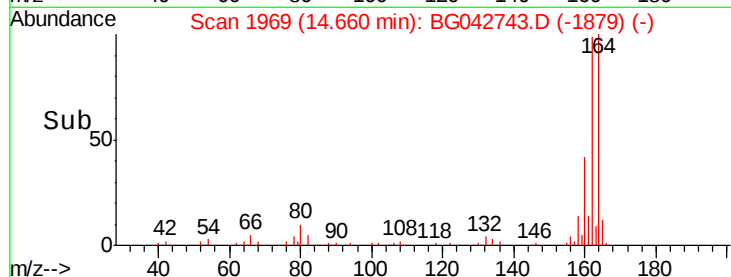
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042743.D
Acq: 6 Sep 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 126227
Ion Ratio Lower Upper
164 100
162 97.7 79.9 119.9
160 41.8 34.3 51.5

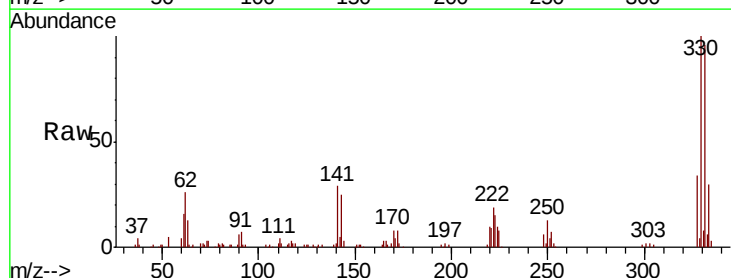


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

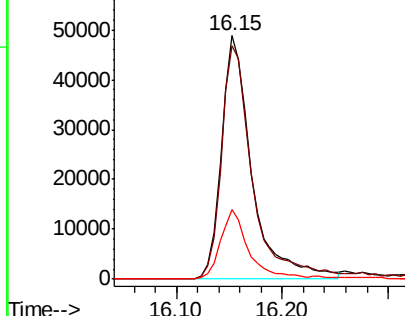
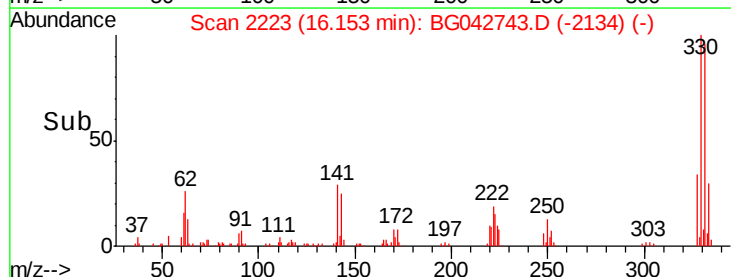


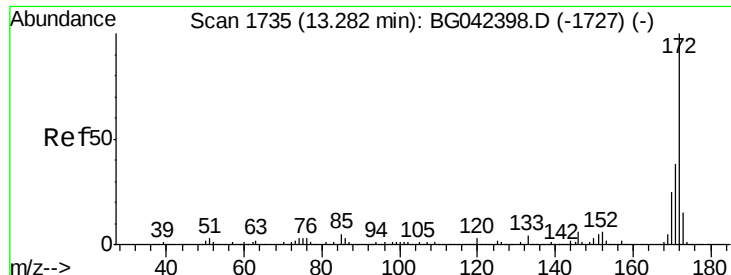
#42
2,4,6-Tribromophenol
Concen: 54.572 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042743.D
Acq: 6 Sep 2019 6:52

Tgt Ion:330 Resp: 97909
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 27.2 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

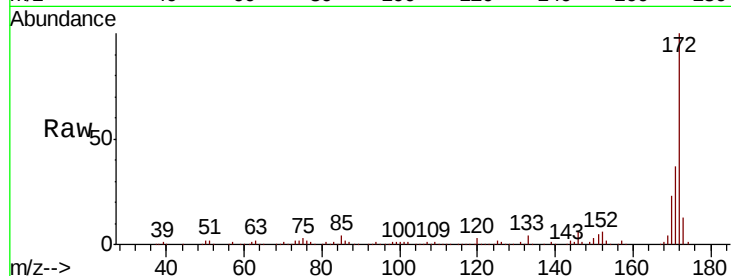




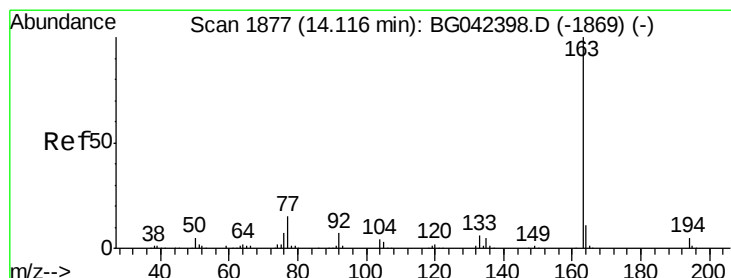
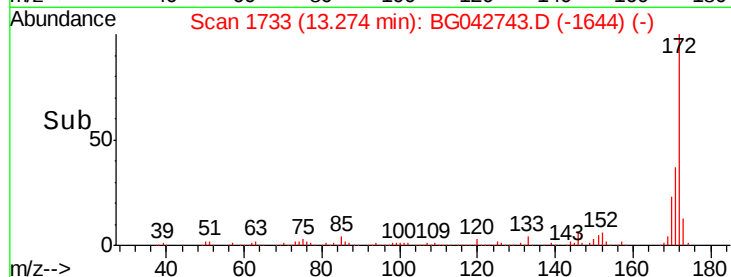
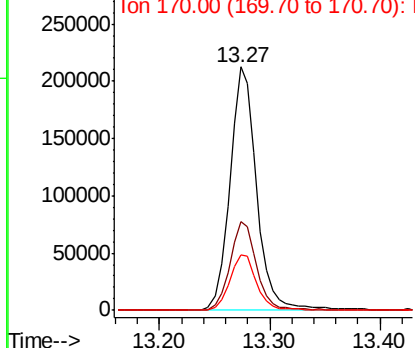
#45
2-Fluorobiphenyl
Concen: 48.096 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042743.D
Acq: 6 Sep 2019 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 358958
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 22.8 20.2 30.2

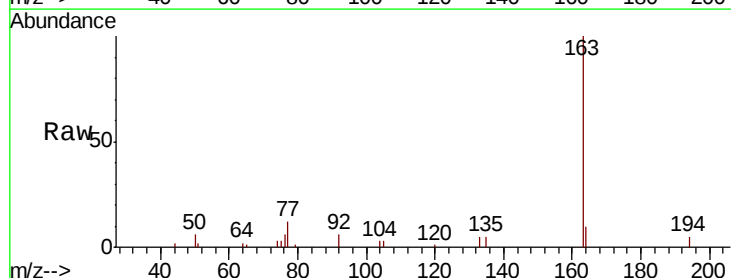


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

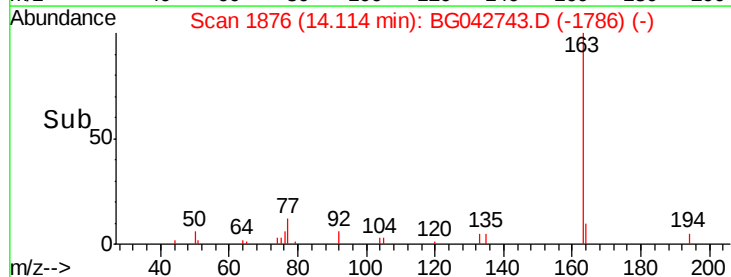
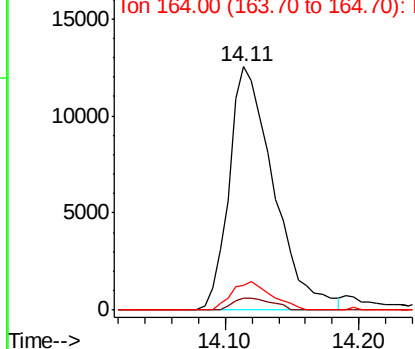


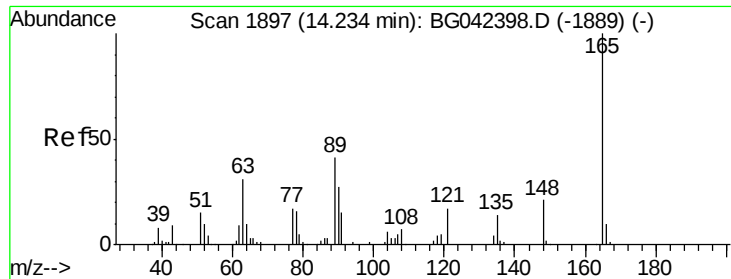
#50
Dimethylphthalate
Concen: 3.195 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042743.D
Acq: 6 Sep 2019 6:52

Tgt Ion:163 Resp: 29100
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 10.2 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

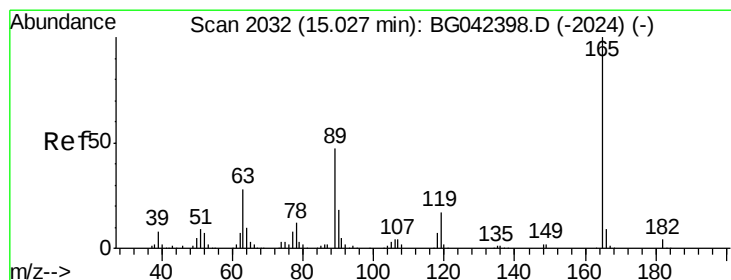
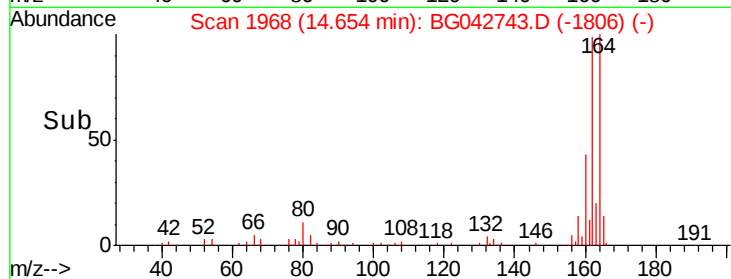
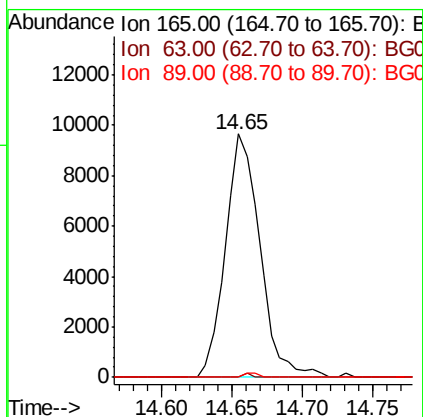
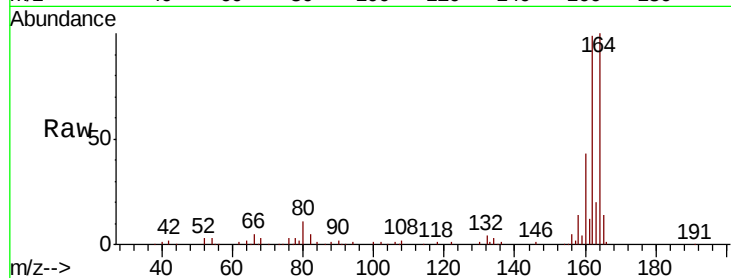




#51
 2,6-Dinitrotoluene
 Concen: 7.800 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.42 min
 Lab File: BG042743.D
 Acq: 6 Sep 2019 6:52

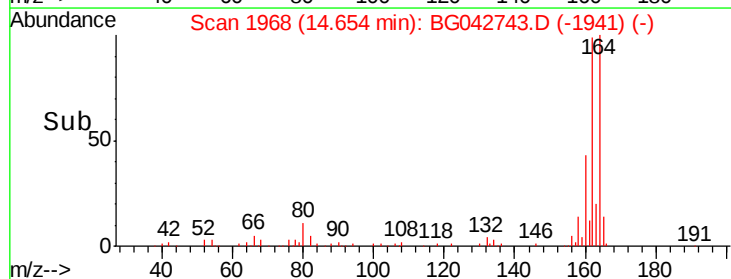
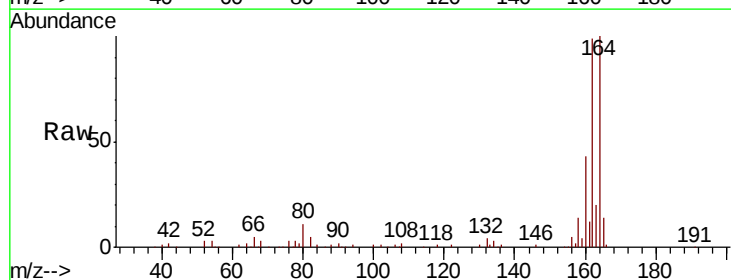
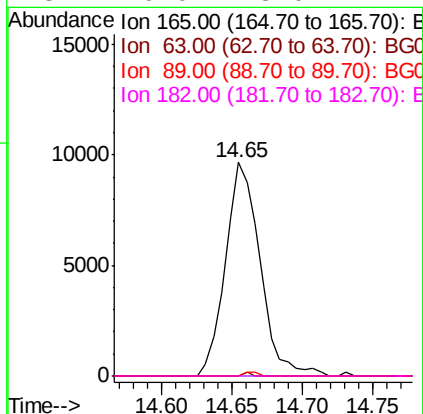
Instrument :
 BNA_G
 ClientSampleId :

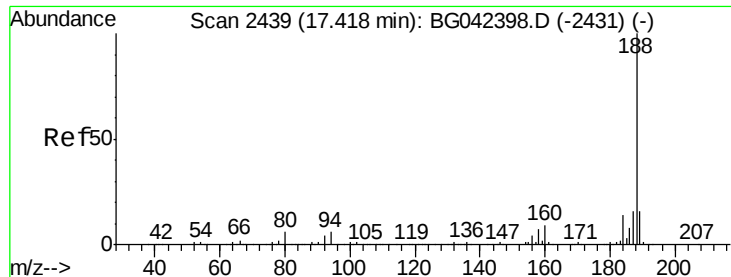
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.447 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.37 min
 Lab File: BG042743.D
 Acq: 6 Sep 2019 6:52

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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042743.D

Acq: 6 Sep 2019 6:52

Instrument :

BNA_G

ClientSampleId :

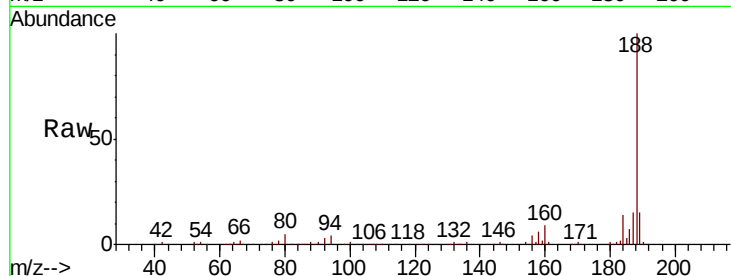
Tot Ion:188 Resp: 282191

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

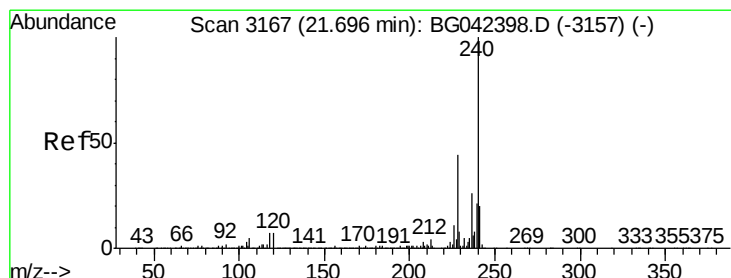
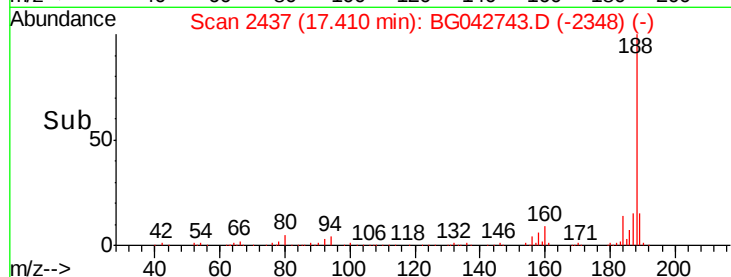
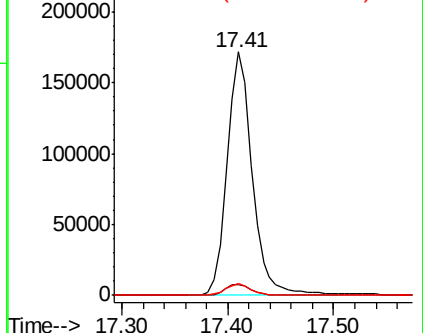
80 4.9 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042743.D

Acq: 6 Sep 2019 6:52

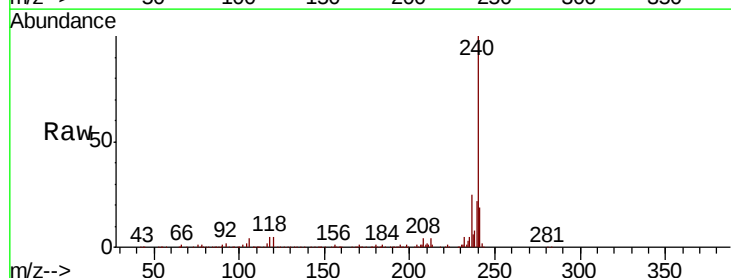
Tgt Ion:240 Resp: 335738

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

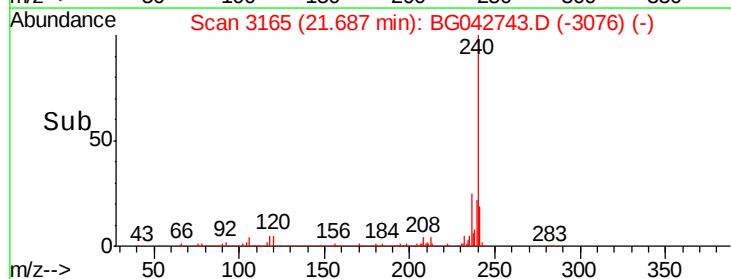
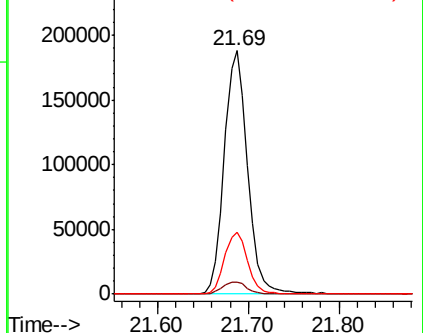
236 25.4 21.0 31.4

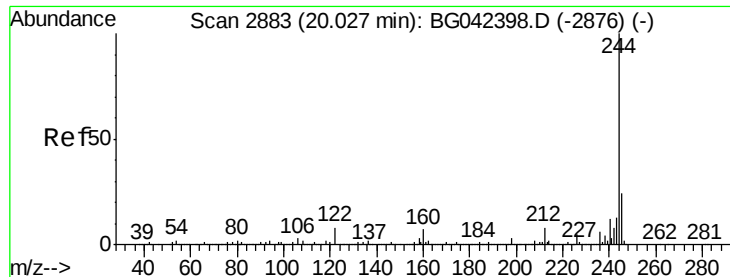


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 42.810 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042743.D

Acq: 6 Sep 2019 6:52

Instrument :

BNA_G

ClientSampleId :

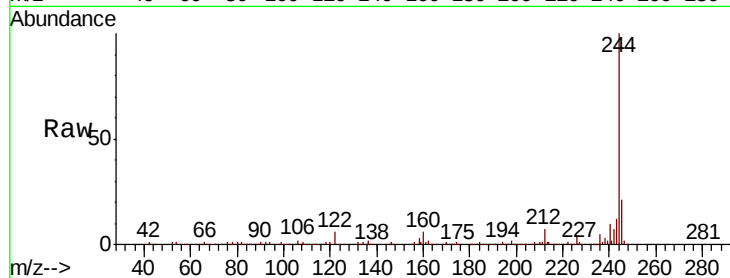
Tot Ion:244 Resp: 664830

Ion Ratio Lower Upper

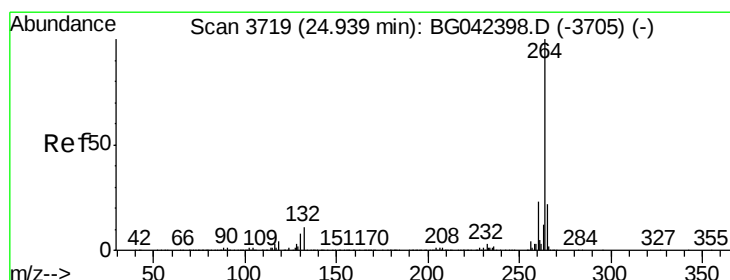
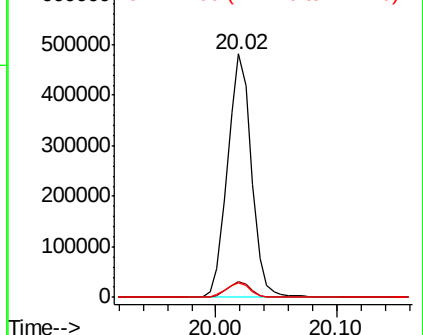
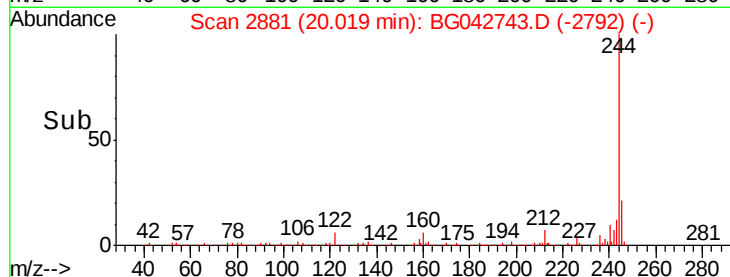
244 100

212 6.7 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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042743.D

Acq: 6 Sep 2019 6:52

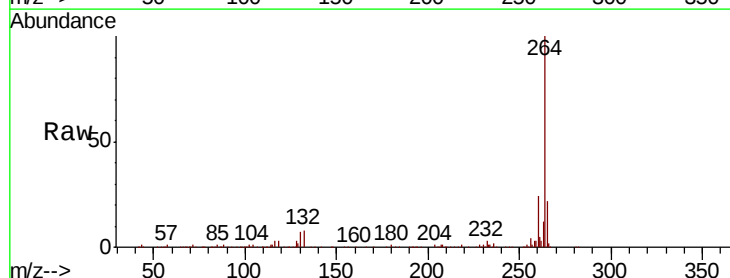
Tgt Ion:264 Resp: 395095

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.6 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

