

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
 Data File : BG042594.D
 Acq On : 30 Aug 2019 10:56
 Operator : HP/JU
 Sample : PB122666TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122666TB

Quant Time: Aug 30 14:21:44 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

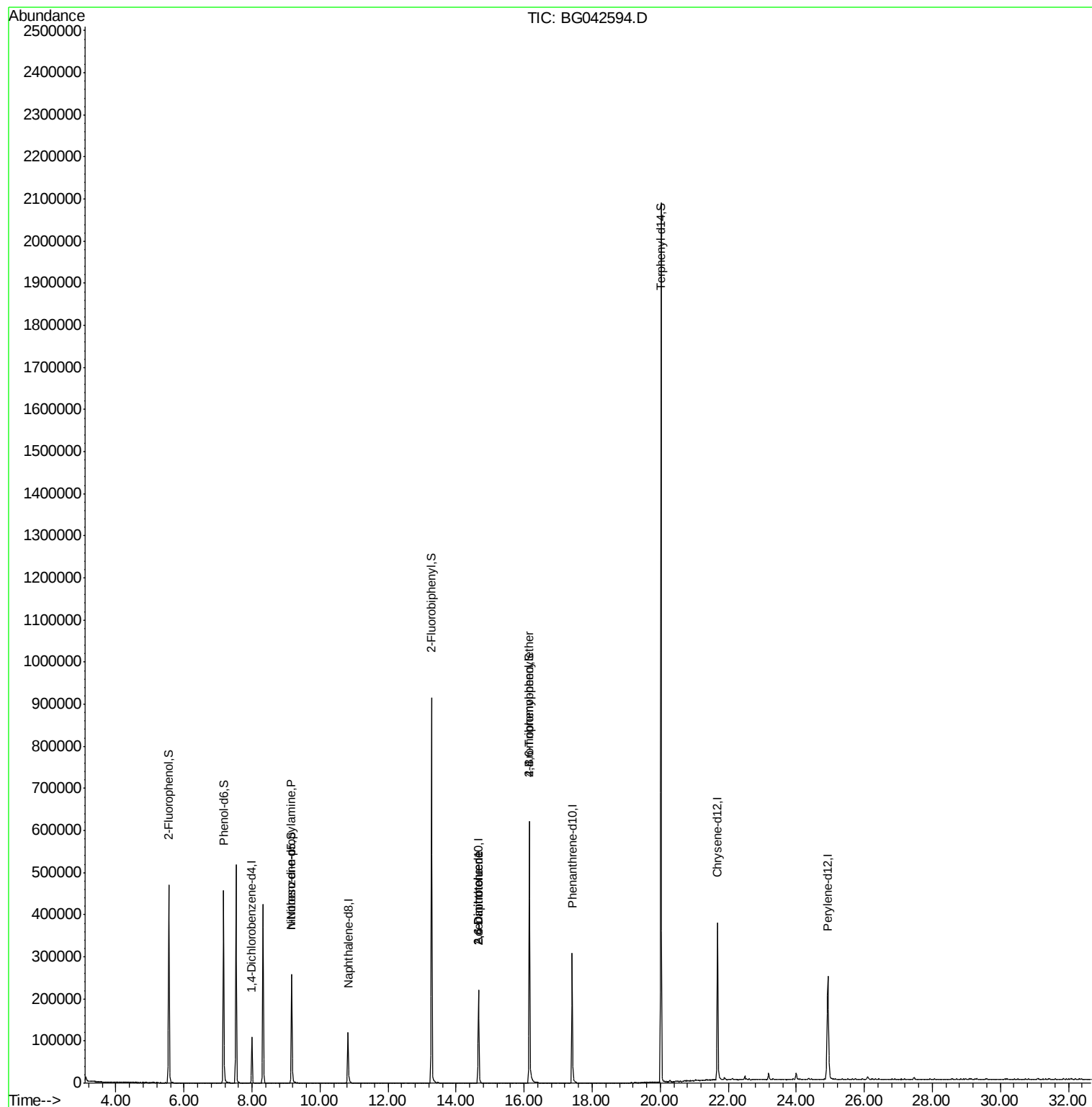
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36745	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	140168	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	101125	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	238571	20.00	ng	0.00
76) Chrysene-d12	21.68	240	265095	20.00	ng	-0.01
87) Perylene-d12	24.93	264	307872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	233572	128.74	ng	0.00
7) Phenol-d6	7.16	99	301130	122.87	ng	0.00
23) Nitrobenzene-d5	9.16	82	171031	84.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	184725	128.52	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	569052	95.17	ng	0.00
79) Terphenyl-d14	20.02	244	1135316	92.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	22564	14.212	ng	# 72
51) 2,6-Dinitrotoluene	14.66	165	12486	7.383	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	12486	5.155	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12116	4.004	ng	# 1

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

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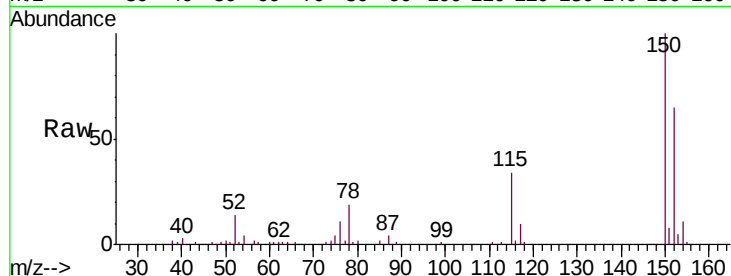


#1

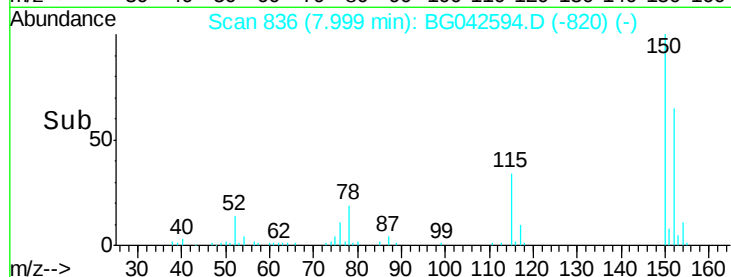
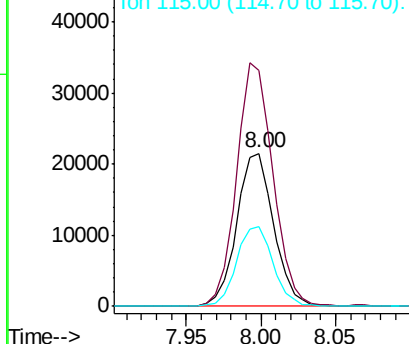
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042594.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_G
ClientSampleId :
PB122666TB

Tgt Ion:152 Resp: 36745
Ion Ratio Lower Upper
152 100
150 154.1 125.4 188.0
115 52.4 38.5 57.7



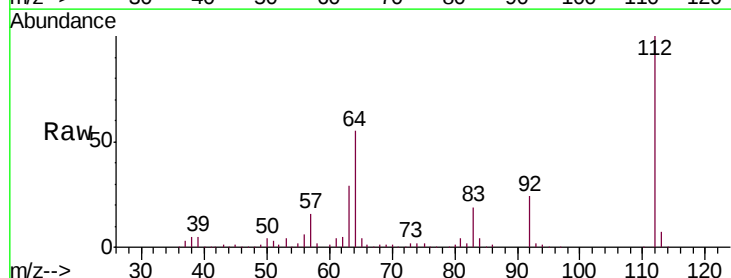
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



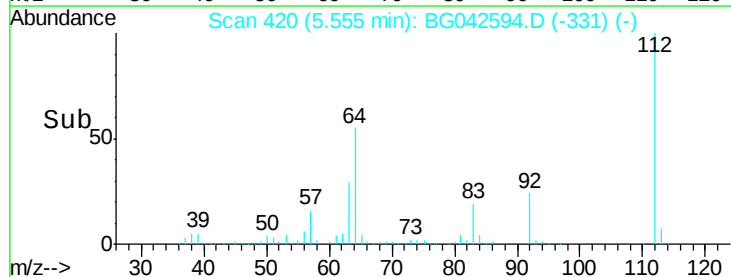
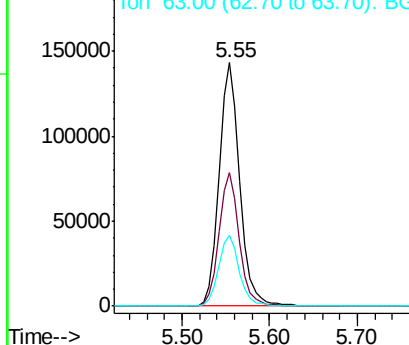
#5

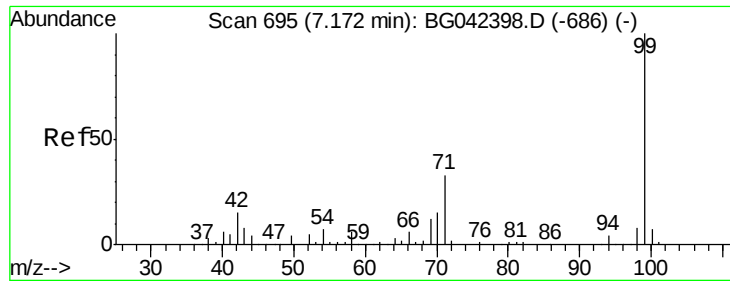
2-Fluorophenol
Concen: 128.739 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042594.D
Acq: 30 Aug 2019 10:56

Tgt Ion:112 Resp: 233572
Ion Ratio Lower Upper
112 100
64 54.8 42.8 64.2
63 28.8 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: 122.874 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042594.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_G

ClientSampleId :

PB122666TB

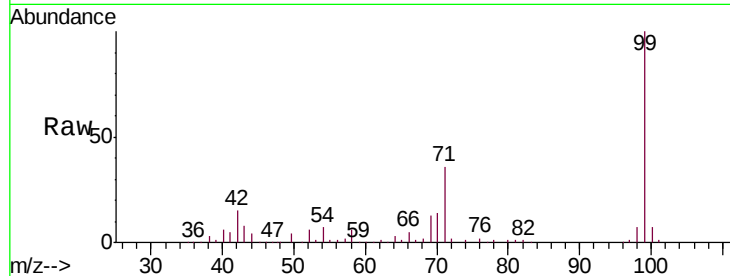
Tgt Ion: 99 Resp: 301130

Ion Ratio Lower Upper

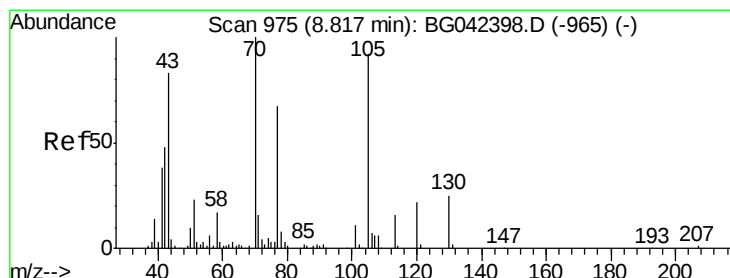
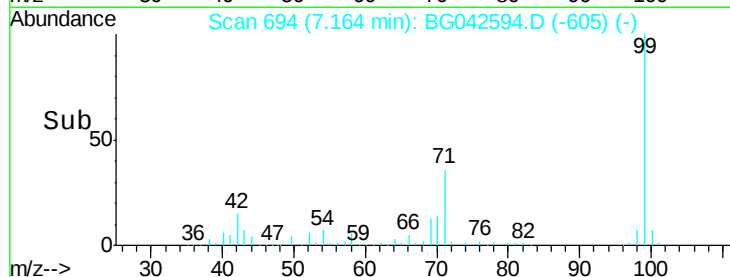
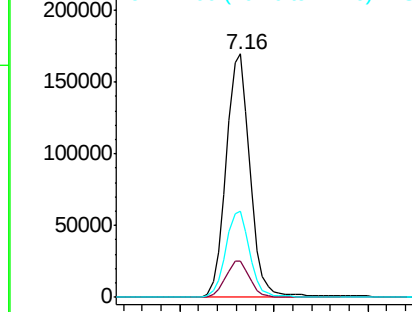
99 100

42 14.6 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: 14.212 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042594.D

Acq: 30 Aug 2019 10:56

Tgt Ion: 70 Resp: 22564

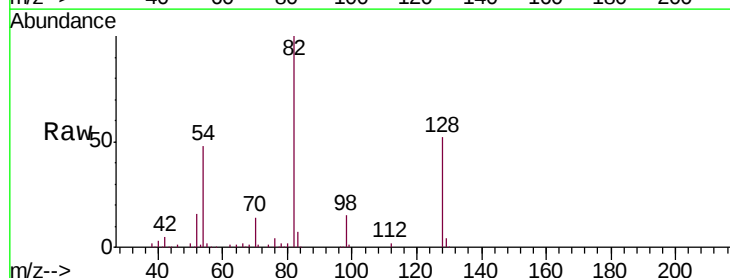
Ion Ratio Lower Upper

70 100

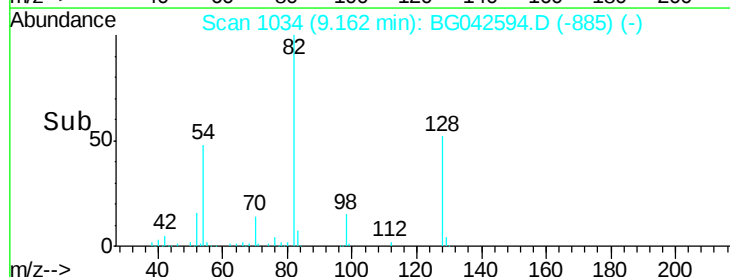
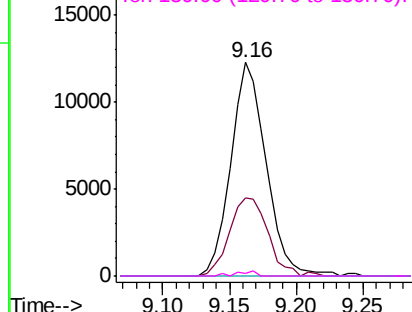
42 36.7 38.8 58.2#

101 0.0 9.0 13.6#

130 1.5 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

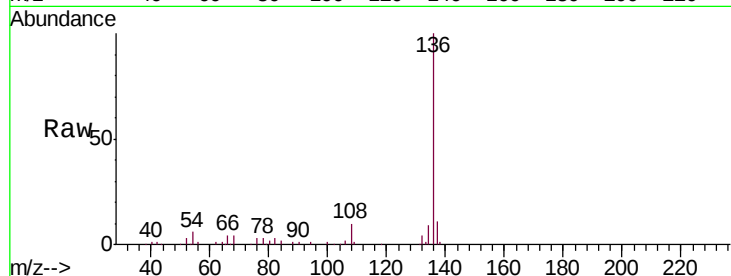




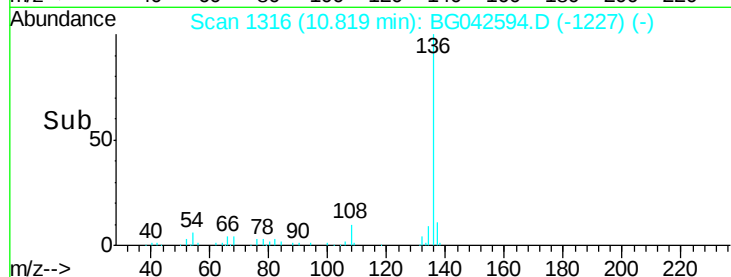
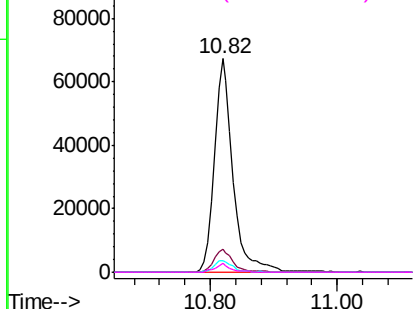
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042594.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_G
ClientSampleId :
PB122666TB

Tgt Ion:	136	Resp:	140168
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.6	4.9	7.3
68	4.0	3.6	5.4

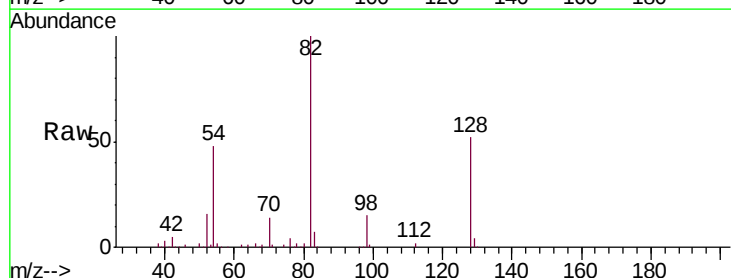


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

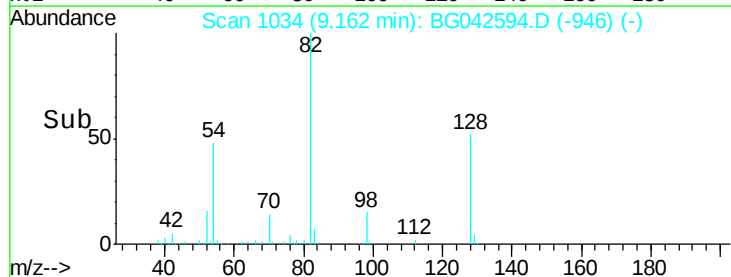
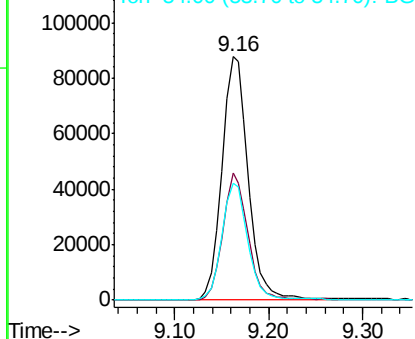


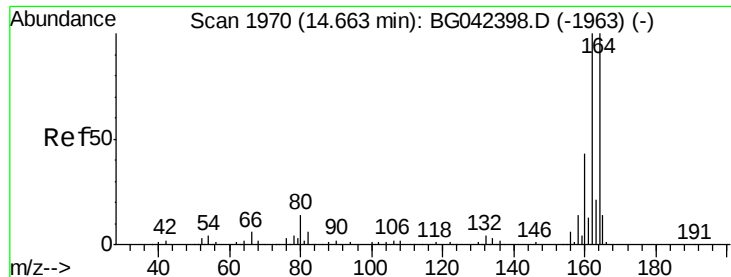
#23
Nitrobenzene-d5
Concen: 84.320 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042594.D
Acq: 30 Aug 2019 10:56

Tgt Ion:	82	Resp:	171031
Ion	Ratio	Lower	Upper
82	100		
128	52.2	40.7	61.1
54	47.9	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. -0.01 min

Lab File: BG042594.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_G

ClientSampleId :

PB122666TB

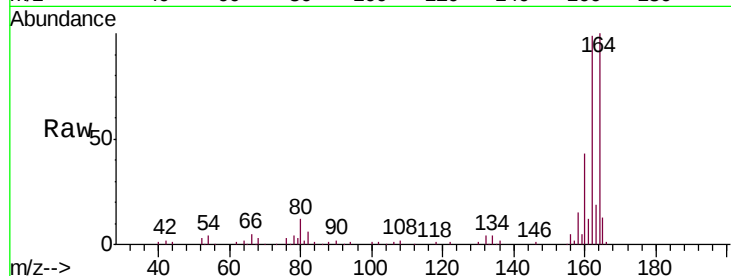
Tgt Ion:164 Resp: 101125

Ion Ratio Lower Upper

164 100

162 98.7 79.9 119.9

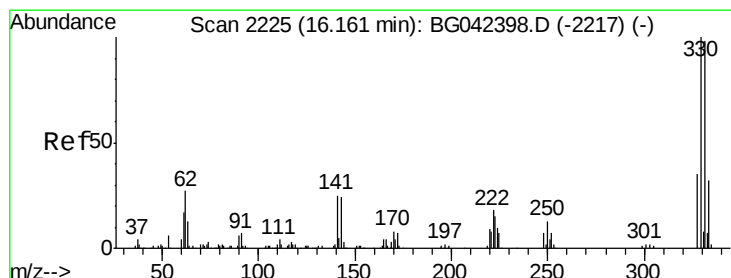
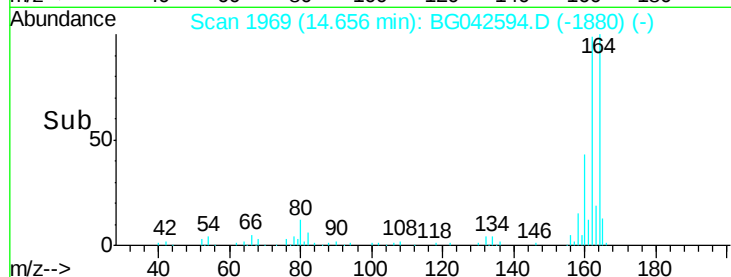
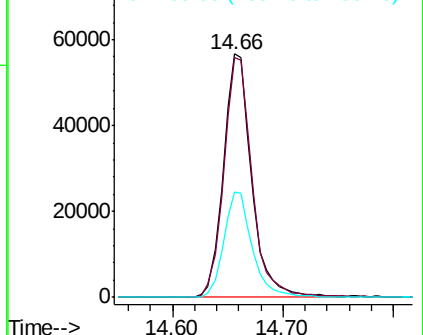
160 43.3 34.3 51.5



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: 128.520 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042594.D

Acq: 30 Aug 2019 10:56

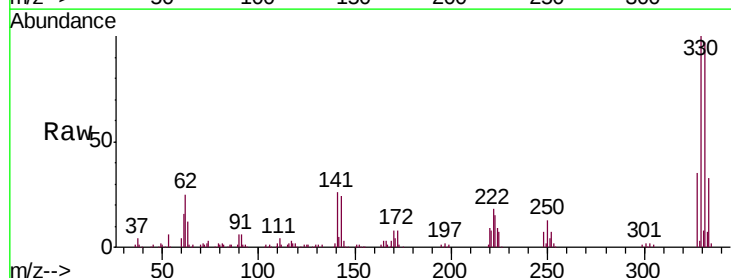
Tgt Ion:330 Resp: 184725

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

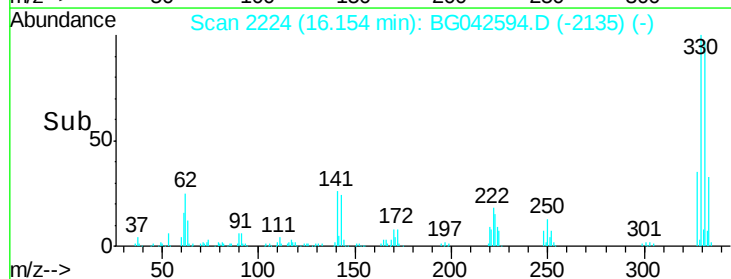
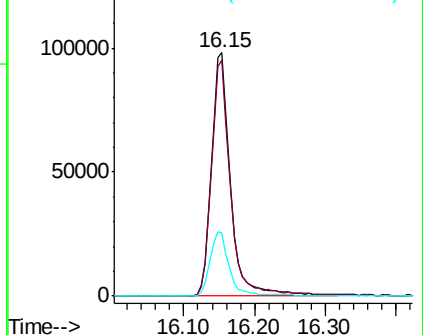
141 26.0 21.4 32.0



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

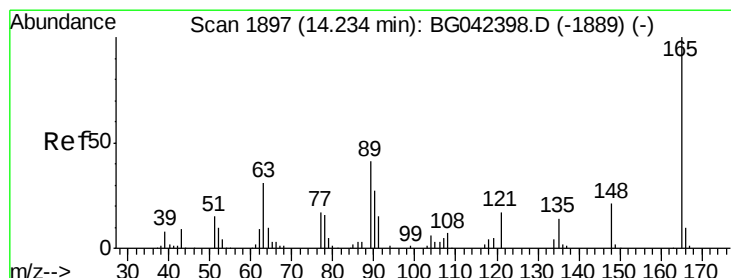
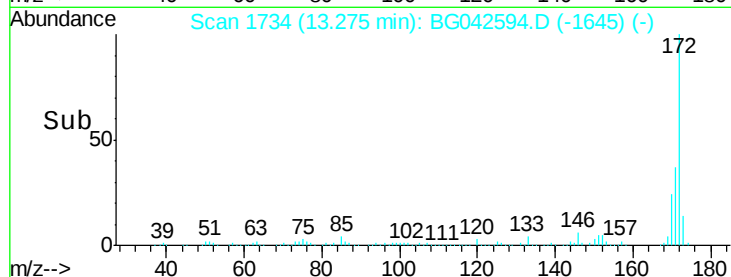
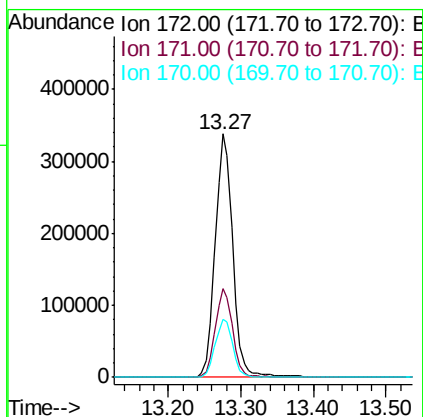
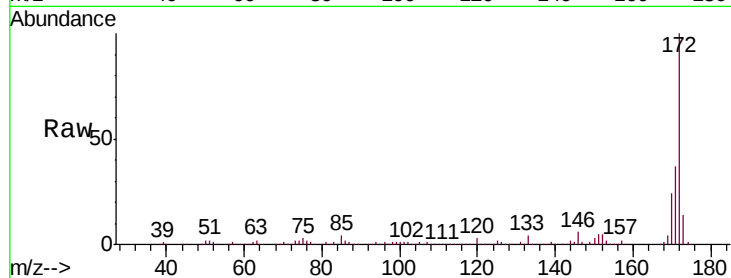




#45
 2-Fluorobiphenyl
 Concen: 95.172 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042594.D
 Acq: 30 Aug 2019 10:56

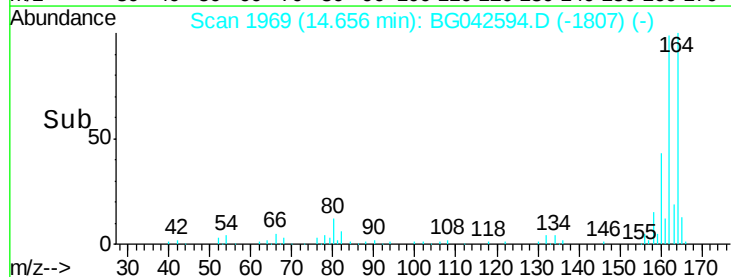
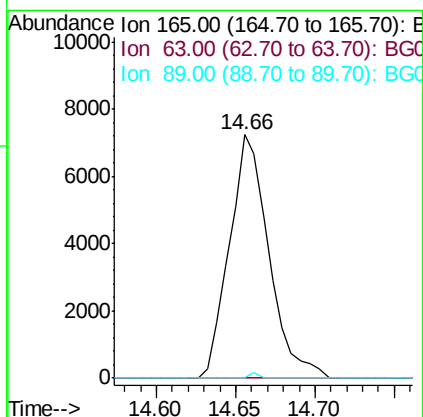
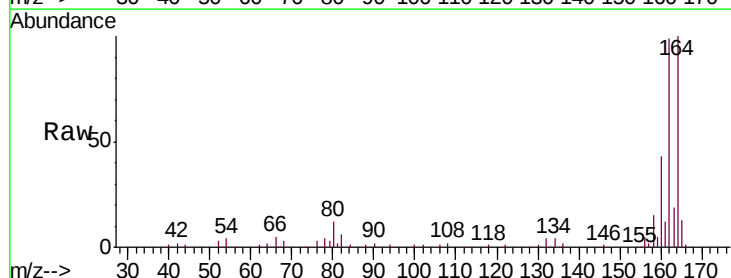
Instrument :
 BNA_G
 ClientSampleId :
 PB122666TB

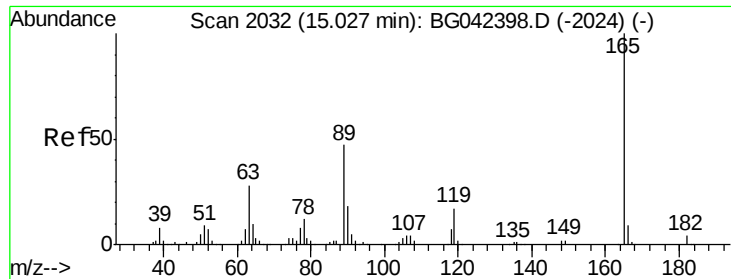
Tgt Ion:172 Resp: 569052
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 24.0 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.383 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042594.D
 Acq: 30 Aug 2019 10:56

Tgt Ion:165 Resp: 12486
 Ion Ratio Lower Upper
 165 100
 63 0.0 30.6 45.8#
 89 0.0 32.6 49.0#

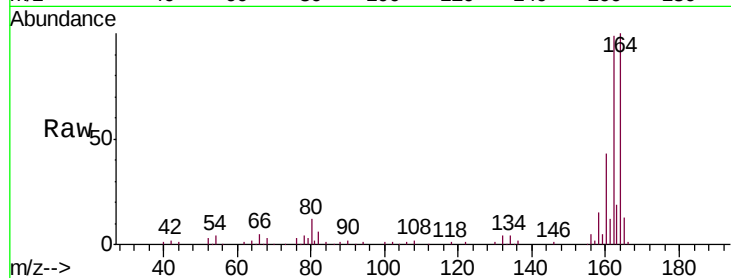




#57
 2,4-Dinitrotoluene
 Concen: 5.155 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042594.D
 Acq: 30 Aug 2019 10:56

Instrument :
 BNA_G
 ClientSampleID :
 PB122666TB

Tgt Ion:	165	Resp:	12486
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#

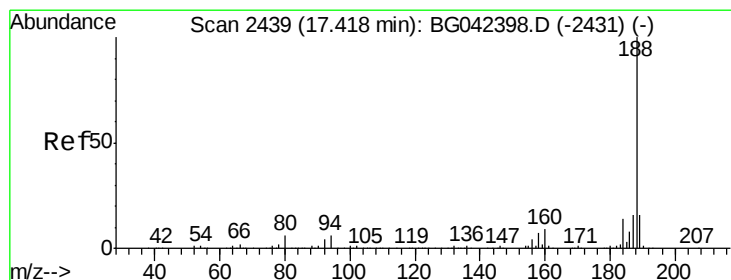
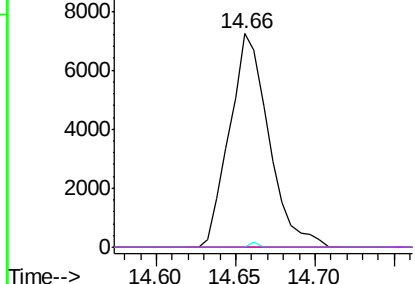
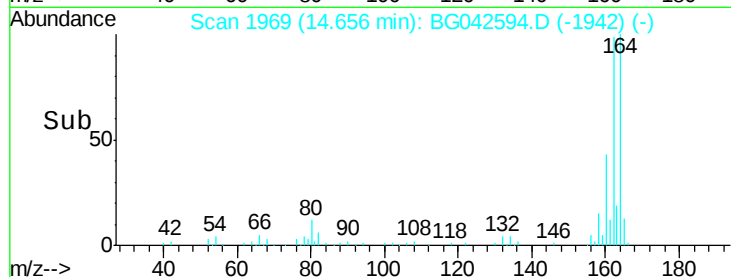


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

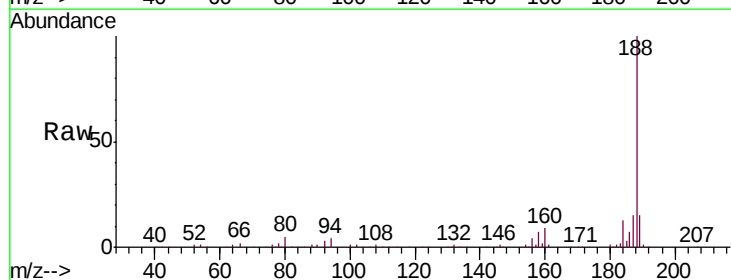
Ion 89.00 (88.70 to 89.70): BGC

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: BG042594.D
 Acq: 30 Aug 2019 10:56

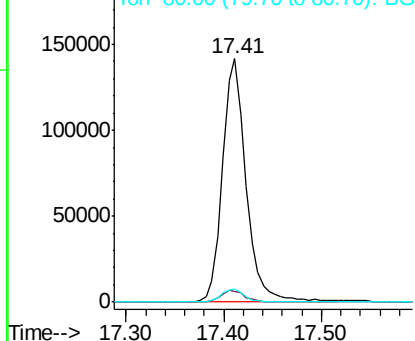
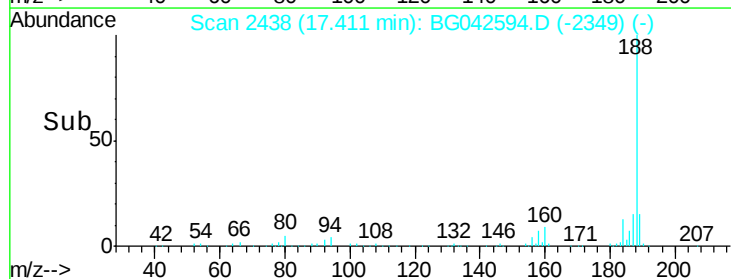
Tgt Ion:	188	Resp:	238571
Ion Ratio	Lower	Upper	
188	100		
94	4.4	4.5	6.7#
80	5.2	4.9	7.3

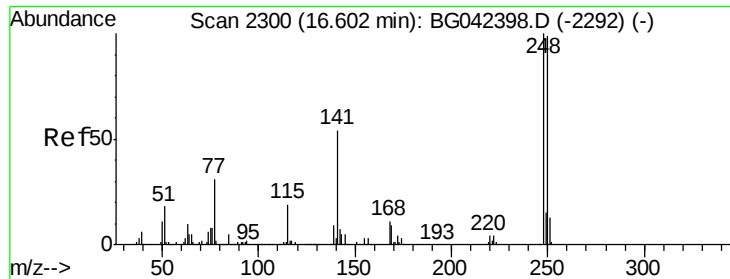


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

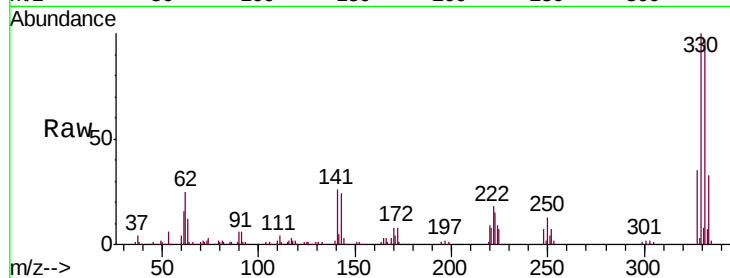




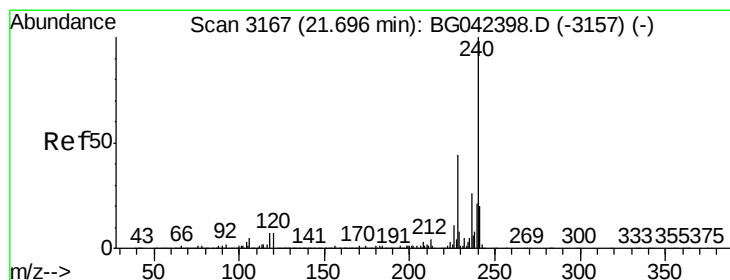
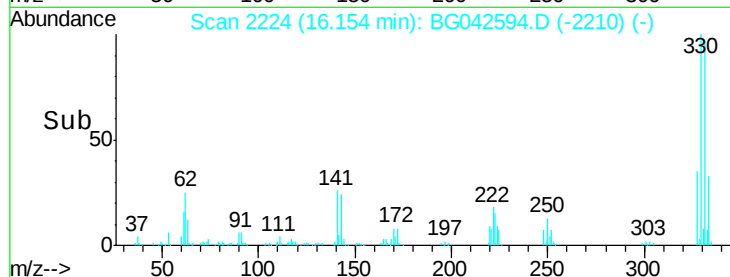
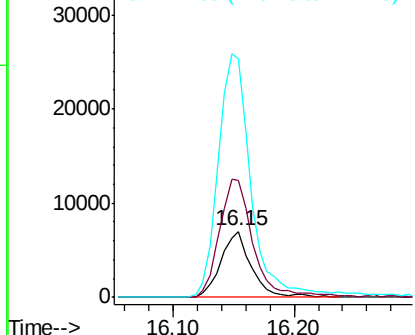
#67
4-Bromophenyl-phenylether
Concen: 4.004 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG042594.D
Acq: 30 Aug 2019 10:56

Instrument :
BNA_G
ClientSampleId :
PB122666TB

Tgt Ion:248 Resp: 12116
Ion Ratio Lower Upper
248 100
250 178.8 78.9 118.3#
141 363.2 43.3 64.9#

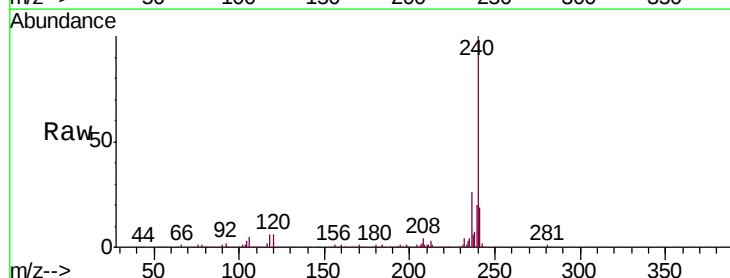


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

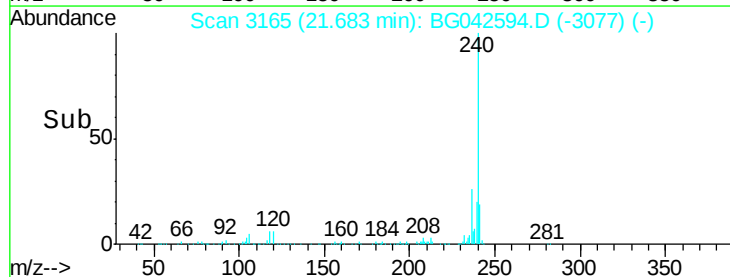
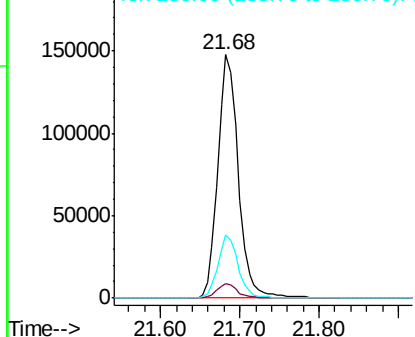


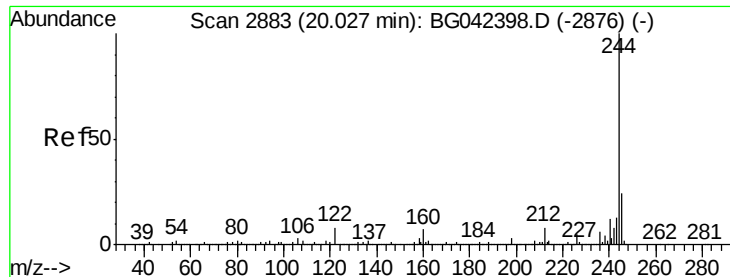
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042594.D
Acq: 30 Aug 2019 10:56

Tgt Ion:240 Resp: 265095
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 25.7 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: 92.588 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042594.D

Acq: 30 Aug 2019 10:56

Instrument :

BNA_G

ClientSampleId :

PB122666TB

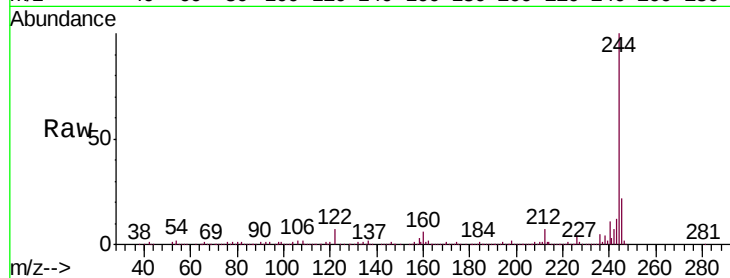
Tgt Ion:244 Resp: 1135316

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

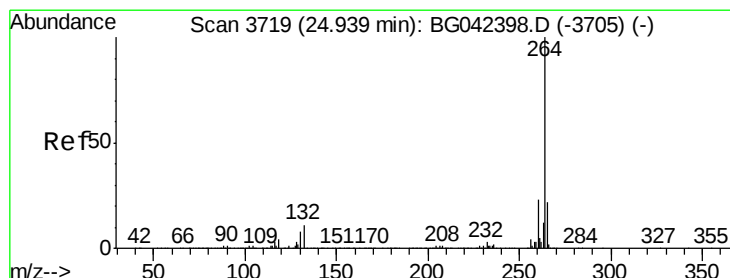
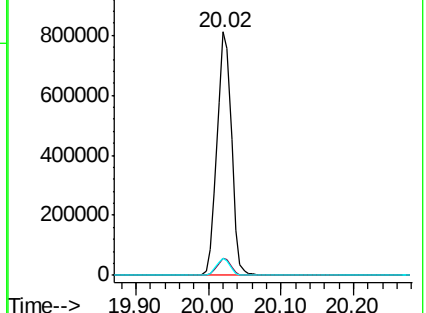
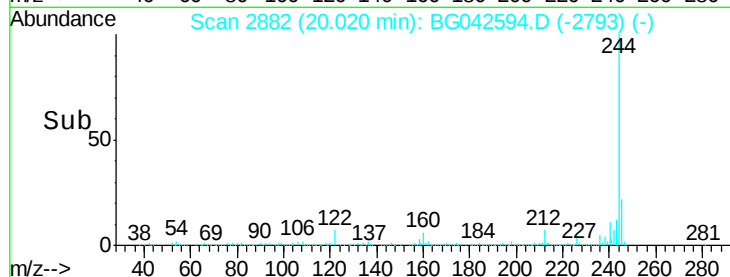
122 7.0 6.7 10.1



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: BG042594.D

Acq: 30 Aug 2019 10:56

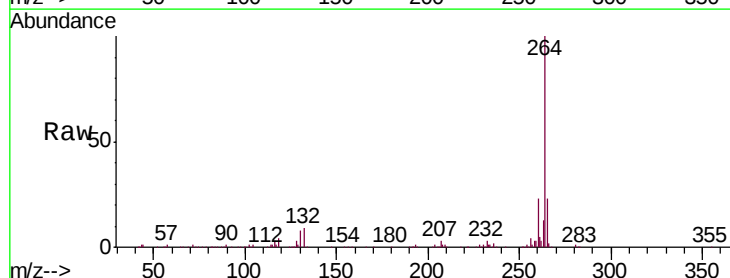
Tgt Ion:264 Resp: 307872

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.9 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

