

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083019\
 Data File : BG042592.D
 Acq On : 30 Aug 2019 9:40
 Operator : HP/JU
 Sample : PB122614BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BL

Quant Time: Aug 30 14:21:25 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

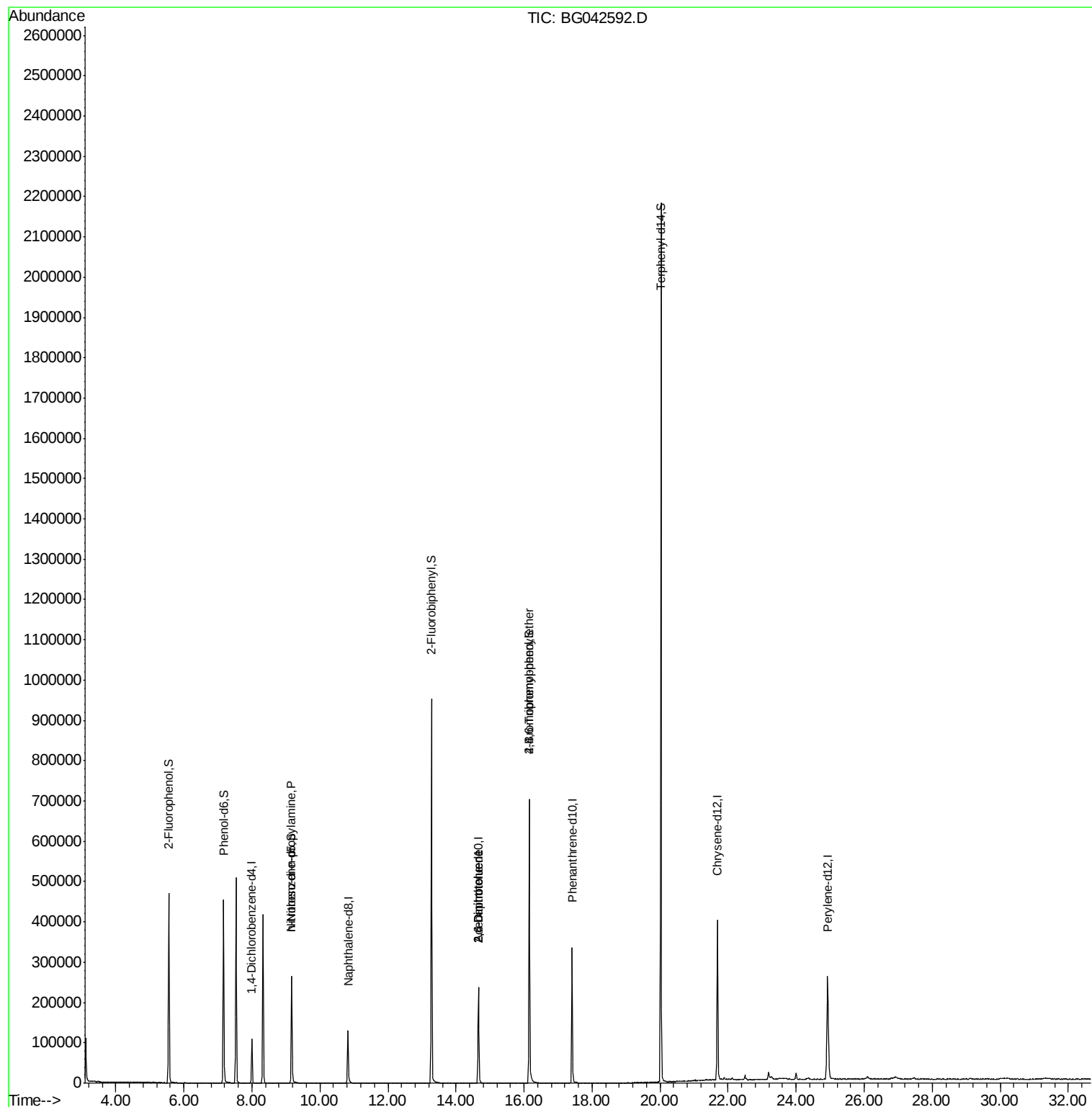
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37088	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	141644	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104774	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	253729	20.00	ng	0.00
76) Chrysene-d12	21.69	240	269333	20.00	ng	0.00
87) Perylene-d12	24.92	264	318654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	235267	128.47	ng	0.00
7) Phenol-d6	7.17	99	309004	124.92	ng	0.00
23) Nitrobenzene-d5	9.17	82	175245	85.50	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	197965	132.93	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	587327	94.81	ng	0.00
79) Terphenyl-d14	20.02	244	1143397	91.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	22922	14.304	ng	# 74
51) 2,6-Dinitrotoluene	14.66	165	13380	7.636	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	13380	5.332	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13346	4.147	ng	# 1

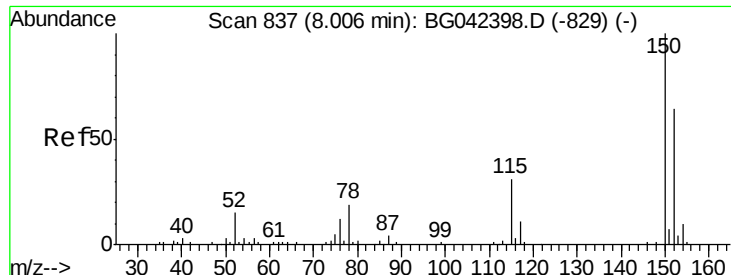
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

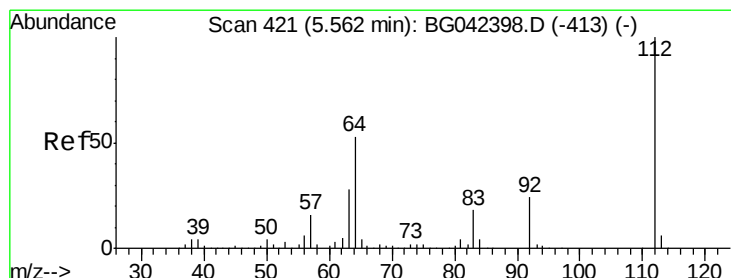
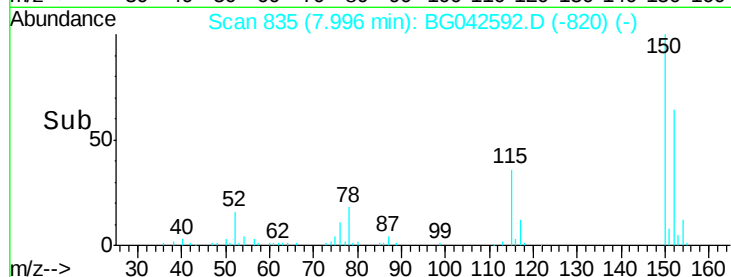
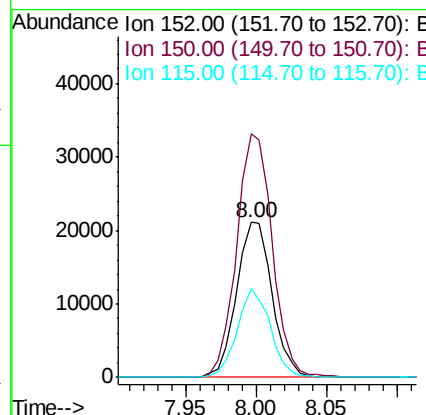
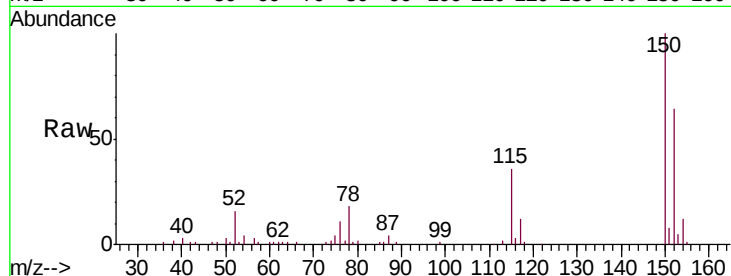




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

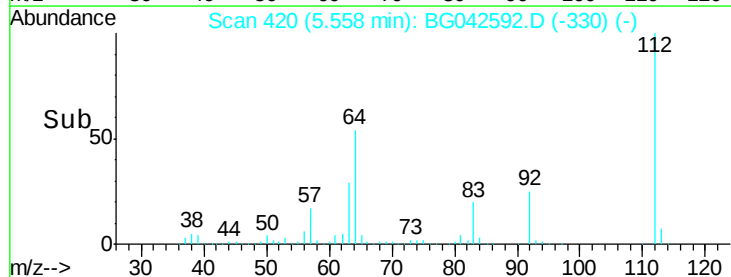
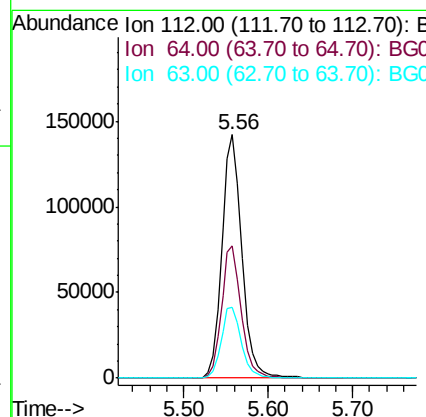
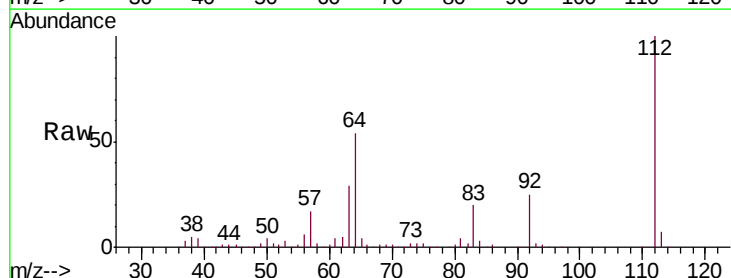
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BL

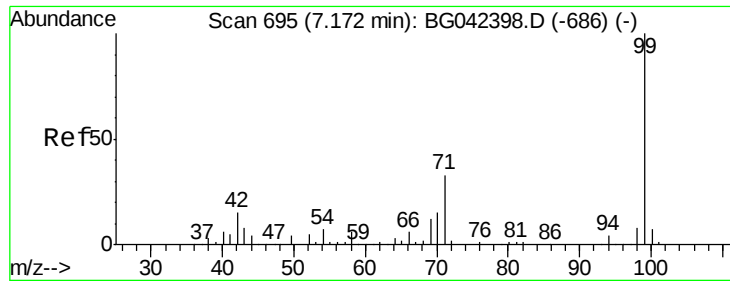
Tgt Ion:152 Resp: 37088
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.4 188.0
 115 57.3 38.5 57.7



#5
 2-Fluorophenol
 Concen: 128.474 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

Tgt Ion:112 Resp: 235267
 Ion Ratio Lower Upper
 112 100
 64 54.2 42.8 64.2
 63 28.9 22.7 34.1





#7

Phenol-d6

Concen: 124.921 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Instrument :

BNA_G

ClientSampled :

PB122614BL

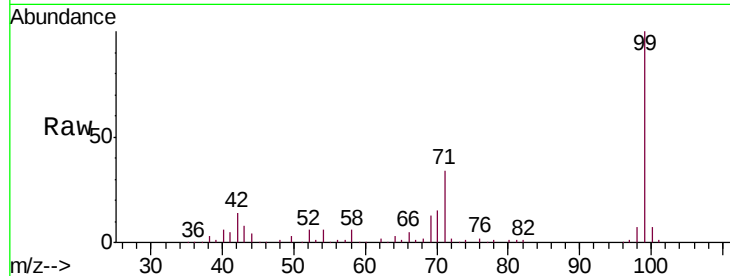
Tgt Ion: 99 Resp: 309004

Ion Ratio Lower Upper

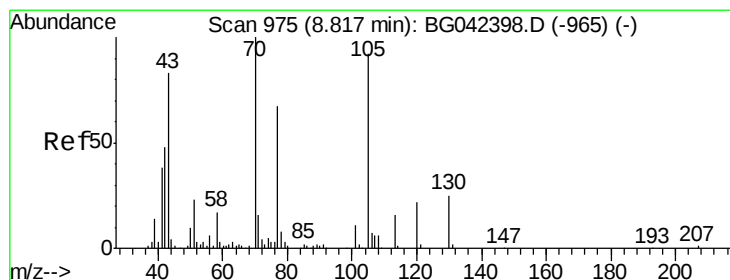
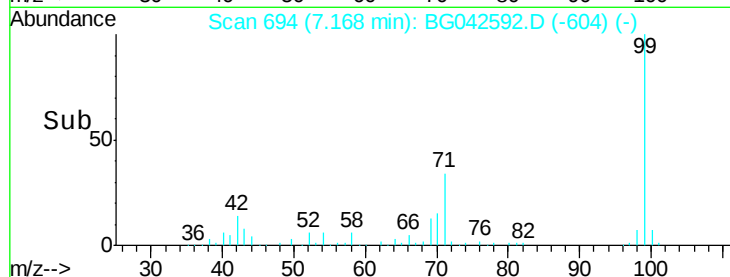
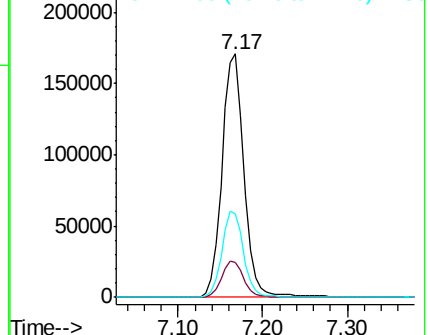
99 100

42 14.4 12.0 18.0

71 34.3 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: 14.304 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Tgt Ion: 70 Resp: 22922

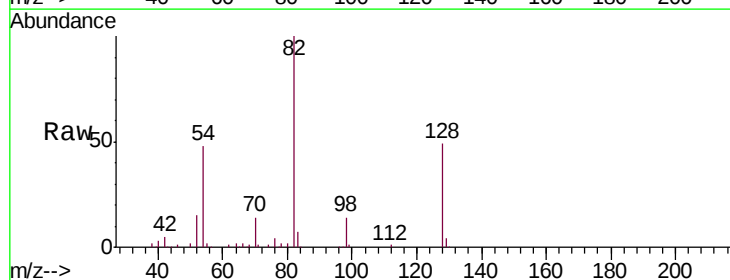
Ion Ratio Lower Upper

70 100

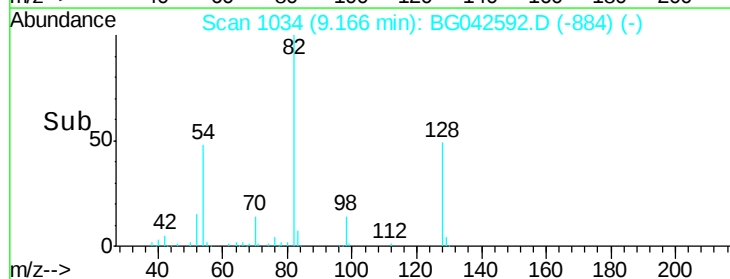
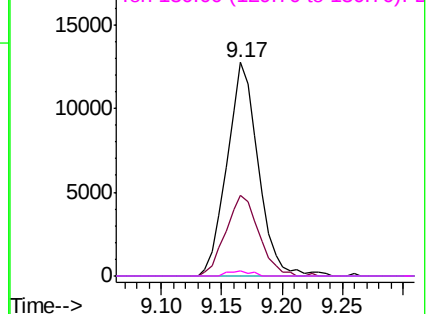
42 37.7 38.8 58.2#

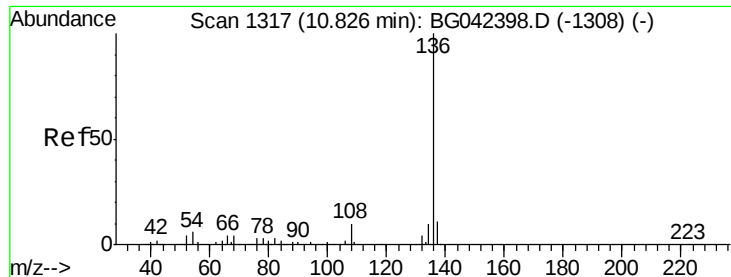
101 0.0 9.0 13.6#

130 2.6 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

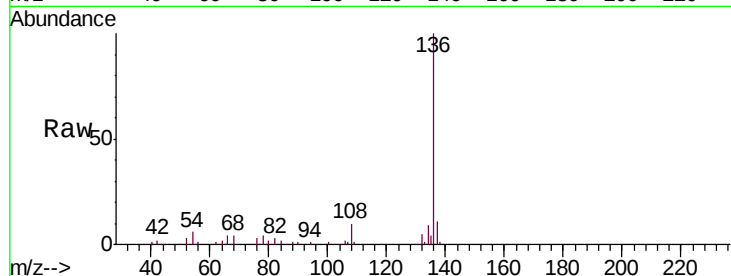




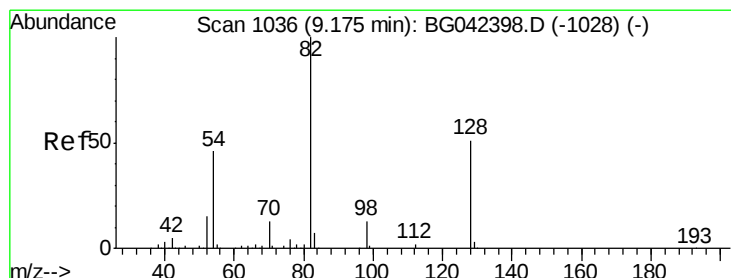
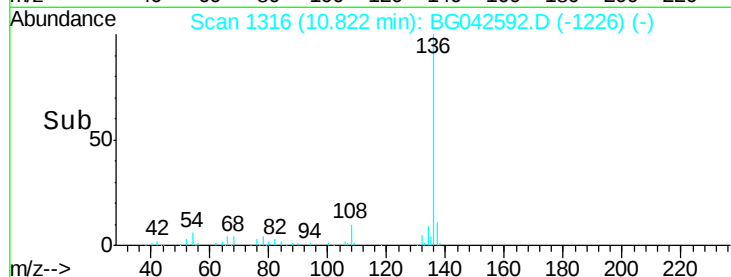
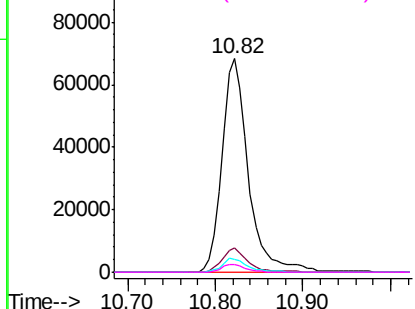
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042592.D
Acq: 30 Aug 2019 9:40

Instrument :
BNA_G
ClientSampleId :
PB122614BL

Tgt Ion:	136	Resp:	141644
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	5.8	4.9	7.3
68	3.6	3.6	5.4

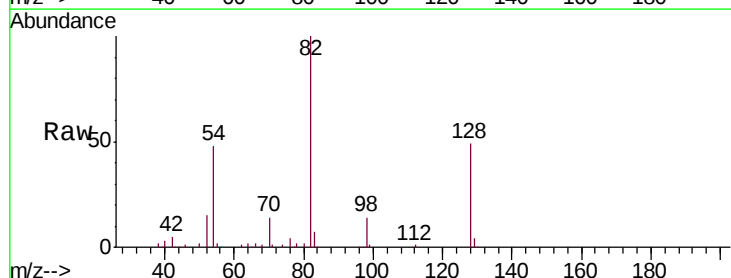


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

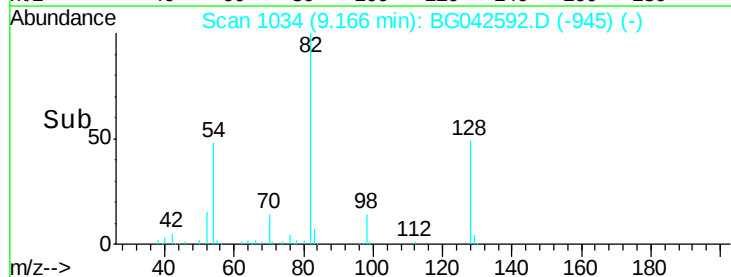
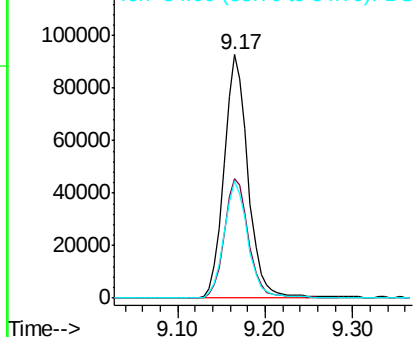


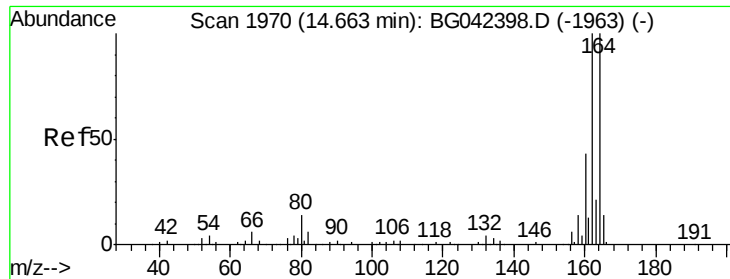
#23
Nitrobenzene-d5
Concen: 85.497 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042592.D
Acq: 30 Aug 2019 9:40

Tgt Ion:	82	Resp:	175245
Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	47.8	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: BG042592.D

Acq: 30 Aug 2019 9:40

Instrument :

BNA_G

ClientSampleId :

PB122614BL

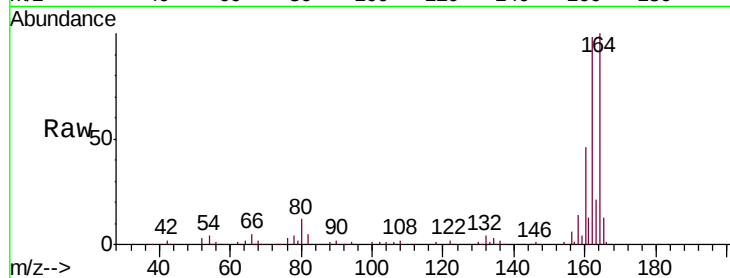
Tgt Ion:164 Resp: 104774

Ion Ratio Lower Upper

164 100

162 97.5 79.9 119.9

160 45.8 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

14.66

60000

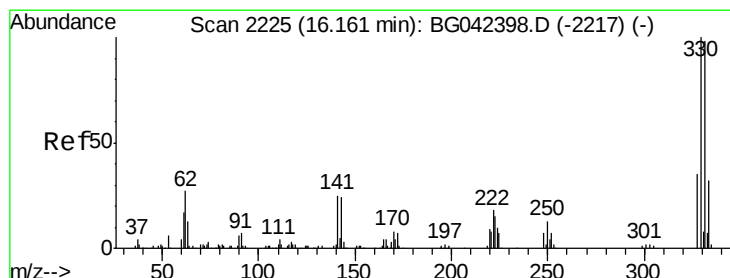
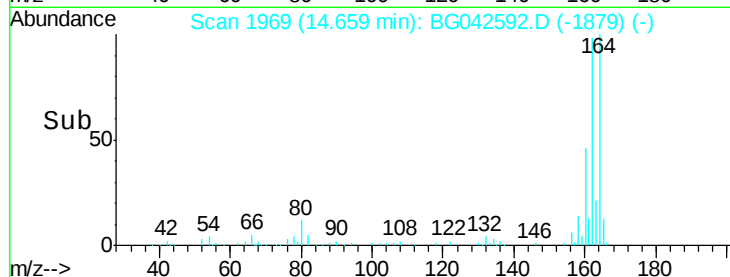
40000

20000

0

14.60 14.70 14.80

Time-->



#42

2,4,6-Tribromophenol

Concen: 132.935 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

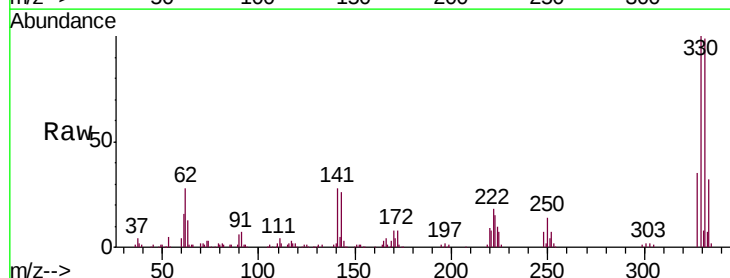
Tgt Ion:330 Resp: 197965

Ion Ratio Lower Upper

330 100

332 97.7 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

150000

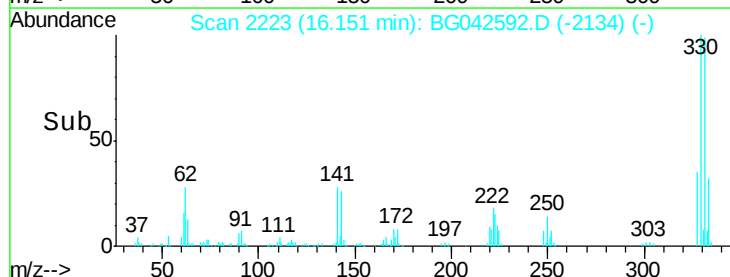
100000

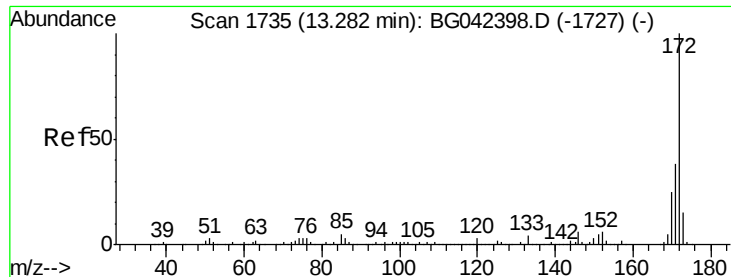
50000

0

16.10 16.20 16.30

Time-->

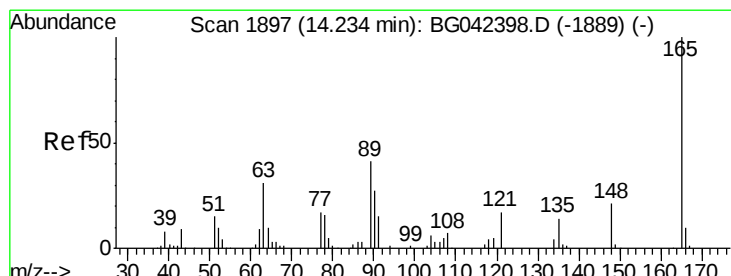
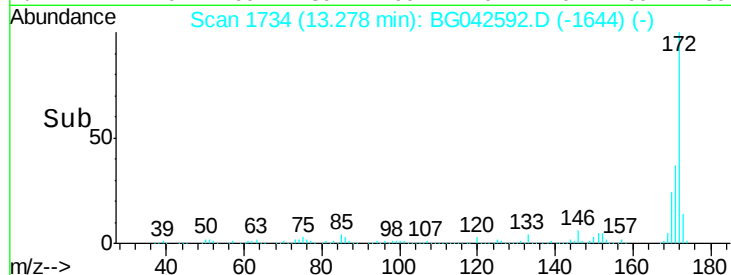
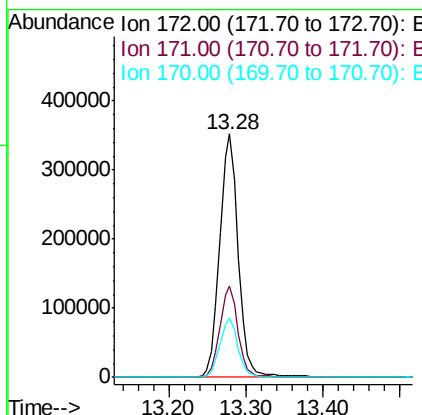
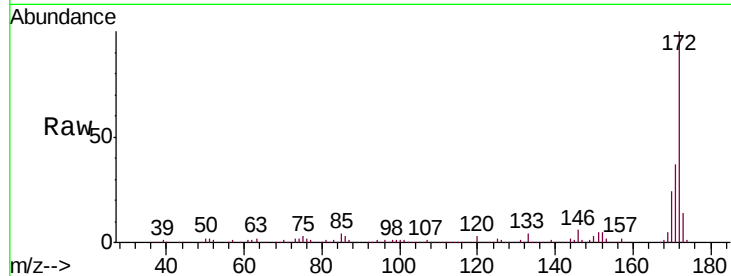




#45
 2-Fluorobiphenyl
 Concen: 94.808 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

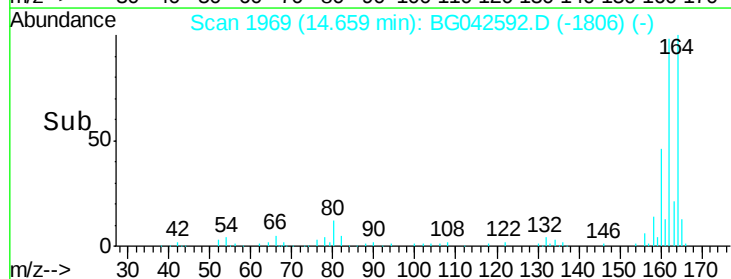
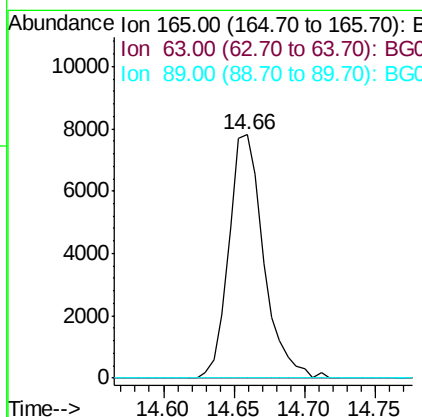
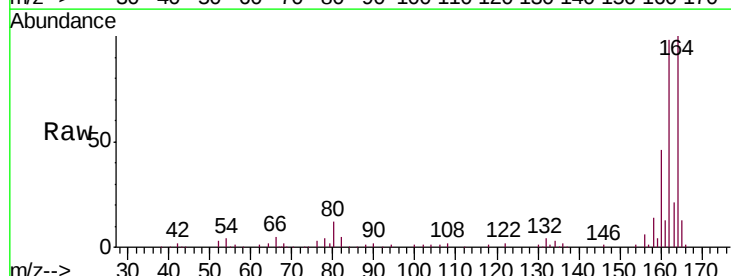
Instrument :
 BNA_G
 ClientSampleId :
 PB122614BL

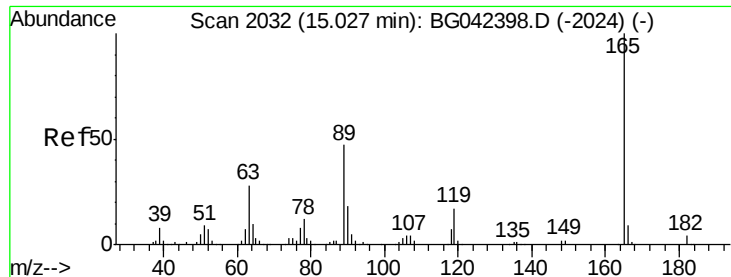
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.2	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.636 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.43 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

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

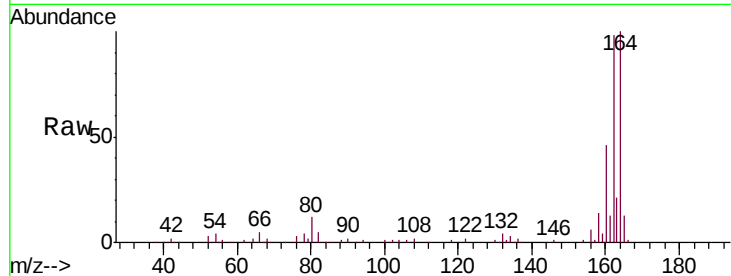




#57
 2,4-Dinitrotoluene
 Concen: 5.332 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BL

Tgt Ion:	165	Resp:	13380
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#

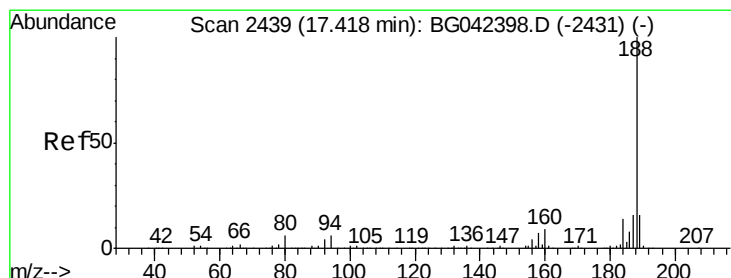
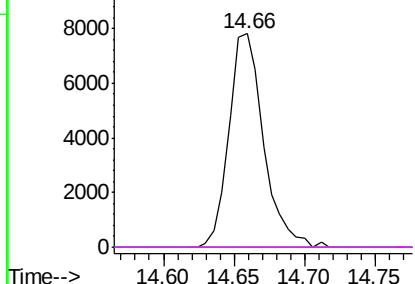
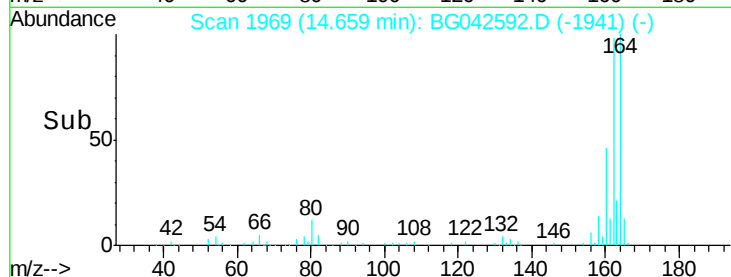


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

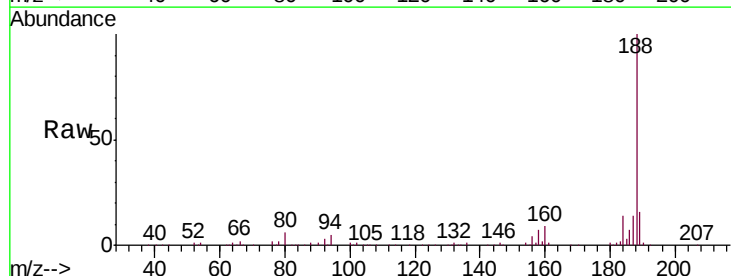
Ion 89.00 (88.70 to 89.70): BGC

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: BG042592.D
 Acq: 30 Aug 2019 9:40

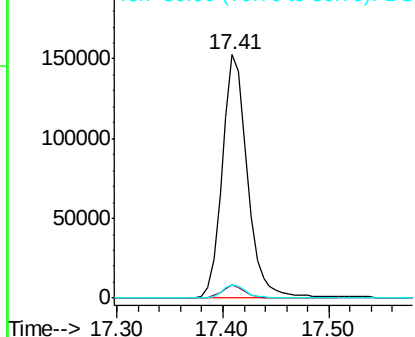
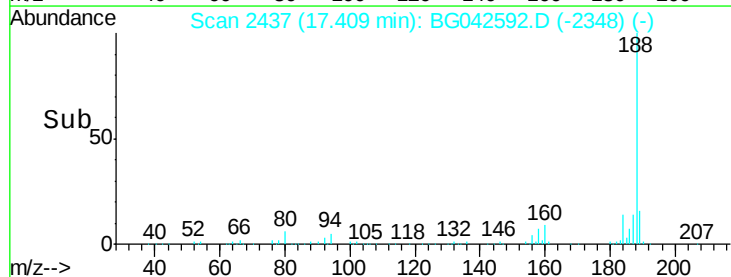
Tgt Ion:	188	Resp:	253729
Ion Ratio	Lower	Upper	
188	100		
94	5.4	4.5	6.7
80	5.6	4.9	7.3

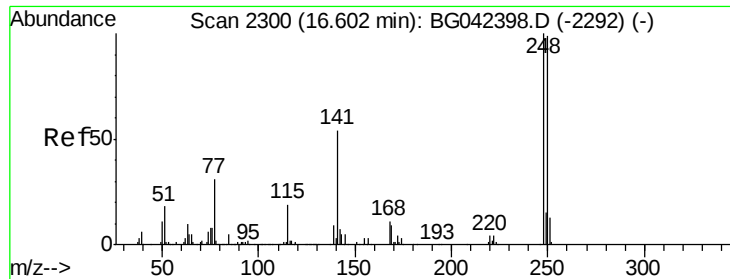


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

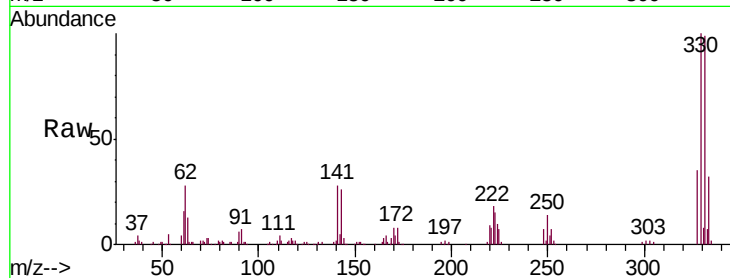




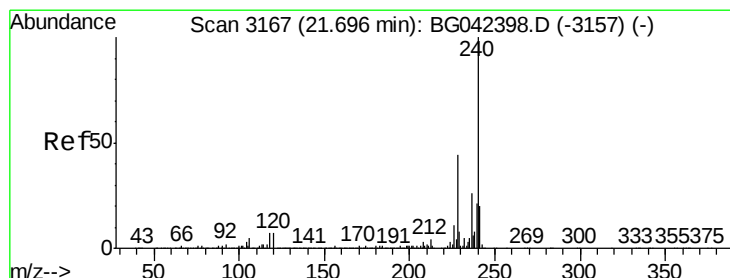
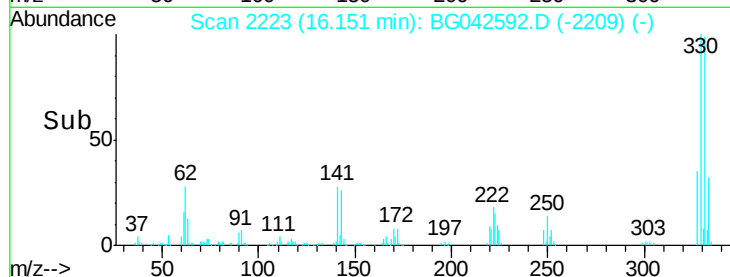
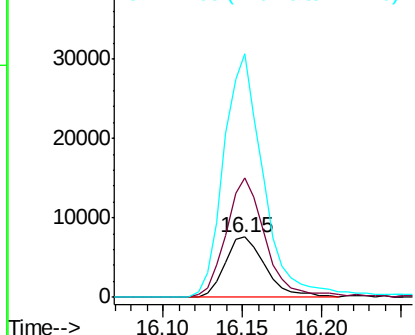
#67
 4-Bromophenyl-phenylether
 Concen: 4.147 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

Instrument :
 BNA_G
 ClientSampleId :
 PB122614BL

Tgt Ion:248 Resp: 13346
 Ion Ratio Lower Upper
 248 100
 250 198.7 78.9 118.3#
 141 404.9 43.3 64.9#

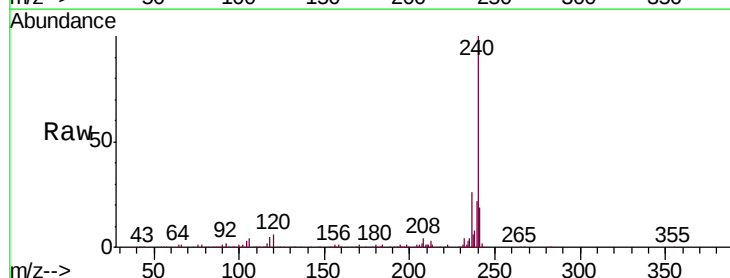


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

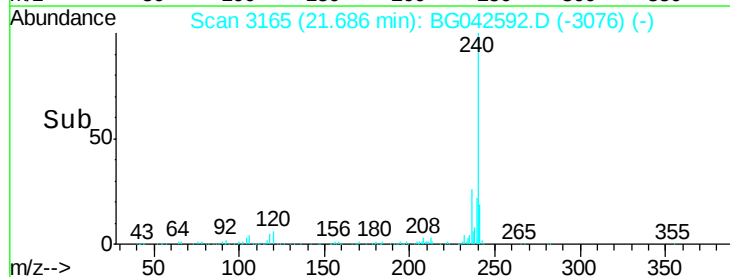
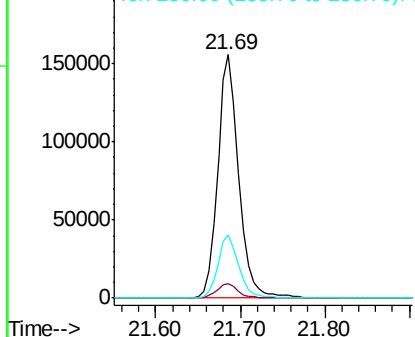


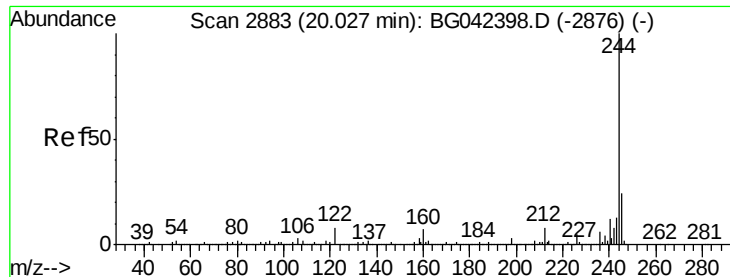
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042592.D
 Acq: 30 Aug 2019 9:40

Tgt Ion:240 Resp: 269333
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.7 8.5
 236 26.1 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: 91.780 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Instrument :

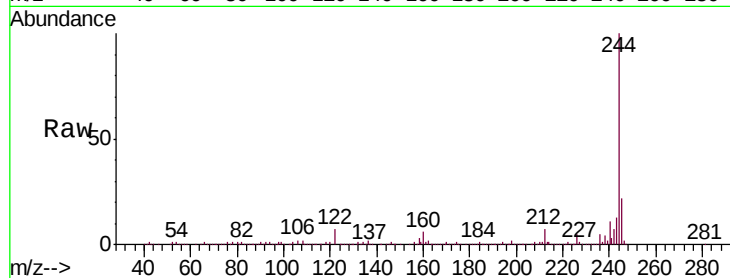
BNA_G

ClientSampleId :

PB122614BL

Tgt Ion:244 Resp: 1143397

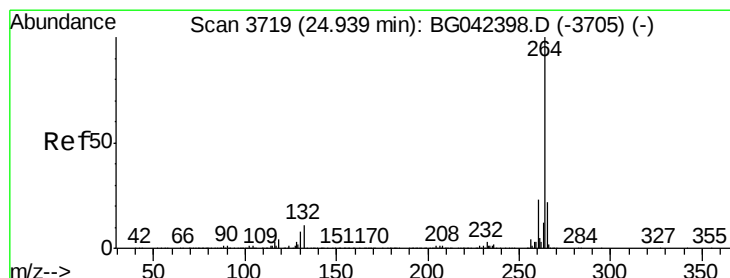
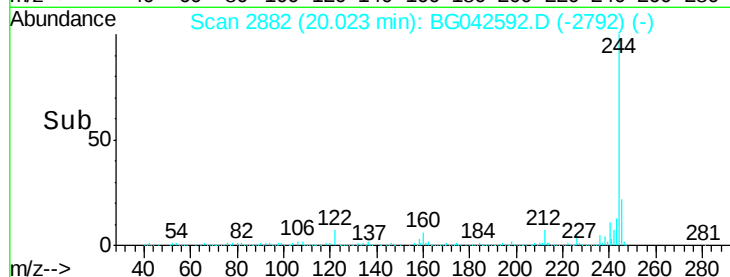
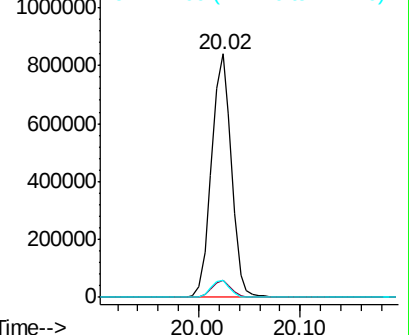
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	7.0	6.7	10.1



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: 24.92 min Scan# 3716

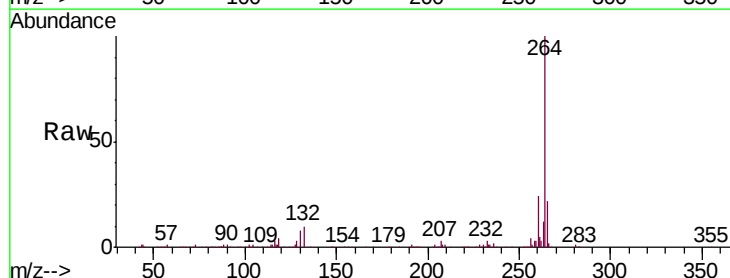
Delta R.T. -0.02 min

Lab File: BG042592.D

Acq: 30 Aug 2019 9:40

Tgt Ion:264 Resp: 318654

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

