

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
 Data File : BG040466.D
 Acq On : 12 Apr 2019 18:09
 Operator : JU/SJ
 Sample : K2311-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0238-COMP-CS-3-ELTRT-DISS

Quant Time: Apr 13 00:38:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

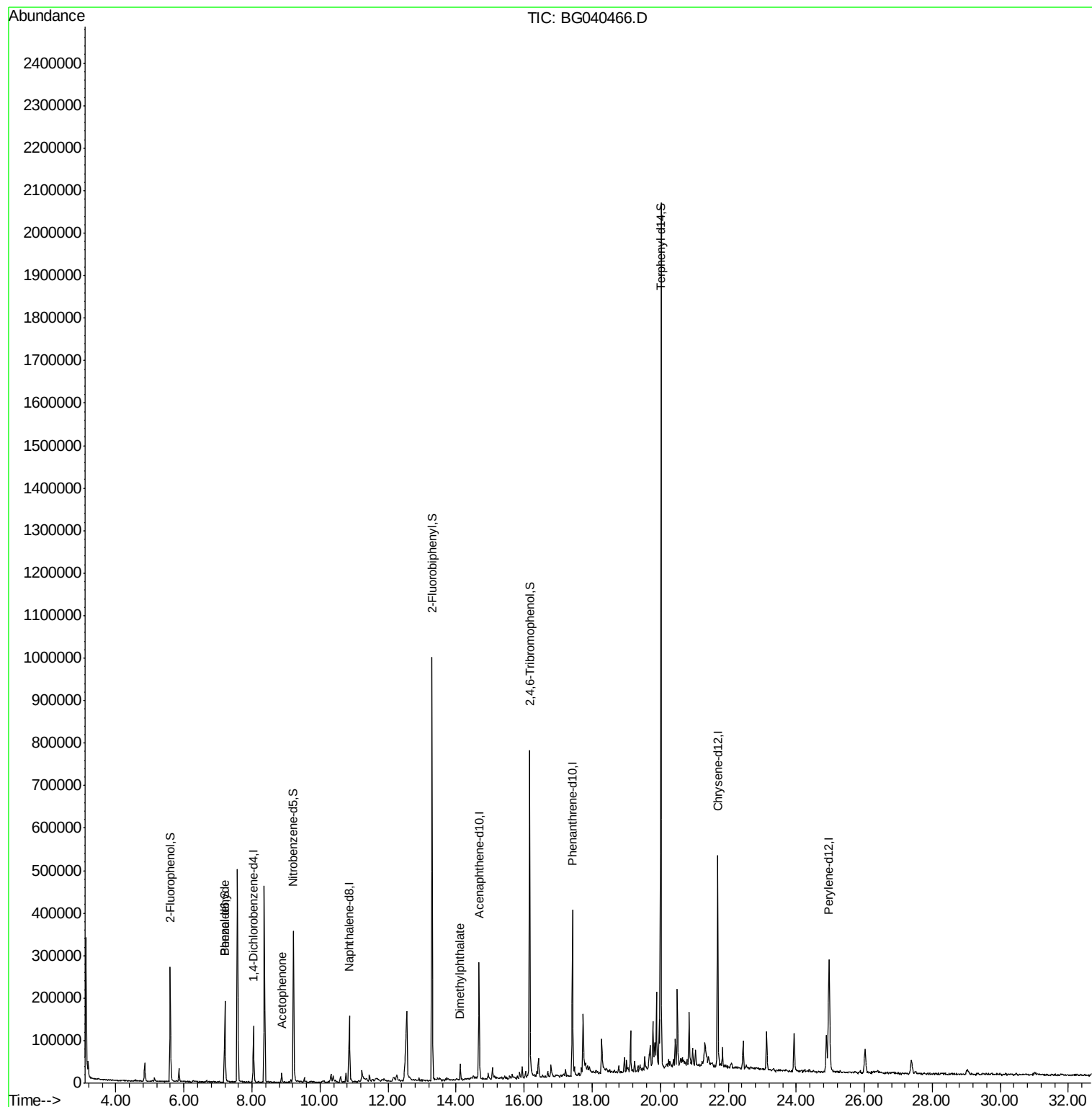
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36906	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	147316	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	92375	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	238998	20.00	ng	0.00
76) Chrysene-d12	21.69	240	292001	20.00	ng	0.00
87) Perylene-d12	24.96	264	297554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	123944	55.83	ng	0.00
7) Phenol-d6	7.20	99	117113	38.17	ng	0.00
23) Nitrobenzene-d5	9.22	82	232678	83.95	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	140582	140.82	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	528744	84.81	ng	0.00
79) Terphenyl-d14	20.02	244	977657	75.32	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	5695	2.706	ng	# 89
22) Acetophenone	8.88	105	12435	3.384	ng	# 96
50) Dimethylphthalate	14.12	163	25123	3.475	ng	# 96

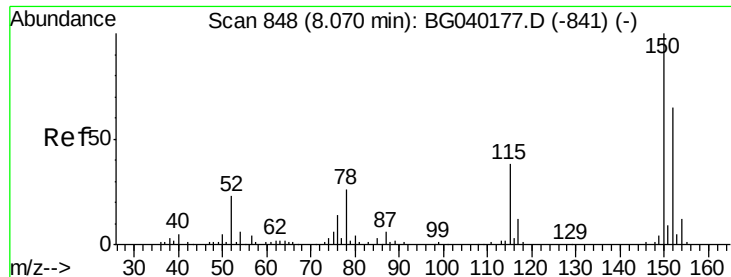
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JU/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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0238-COMP-CS-3-ELTRT-DISS

Quant Time: Apr 13 00:38:21 2019
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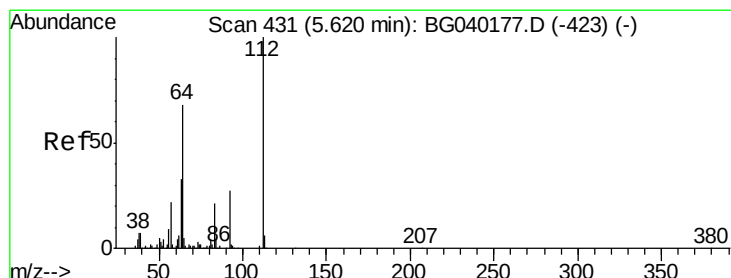
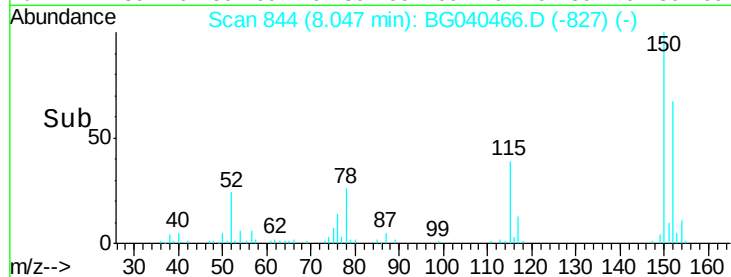
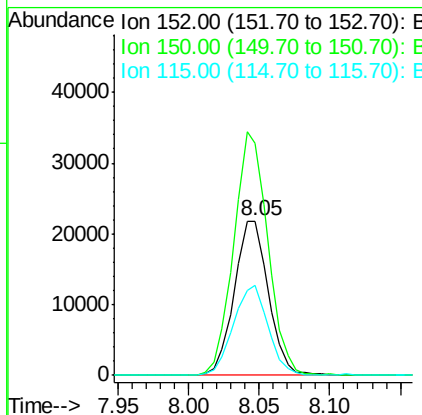
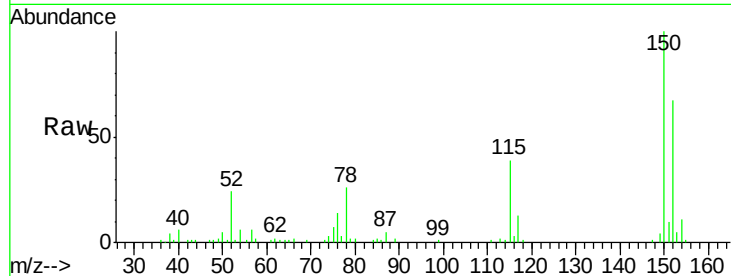


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG040466.D
Acq: 12 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :
0238-COMP-CS-3-ELTRT-DISS

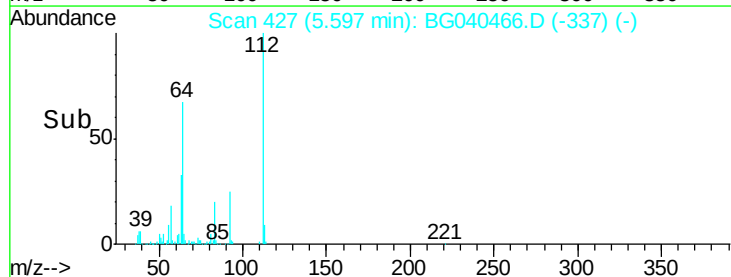
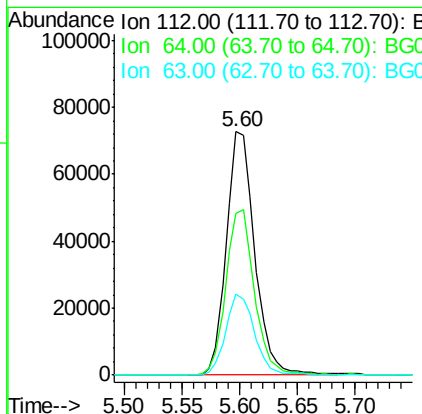
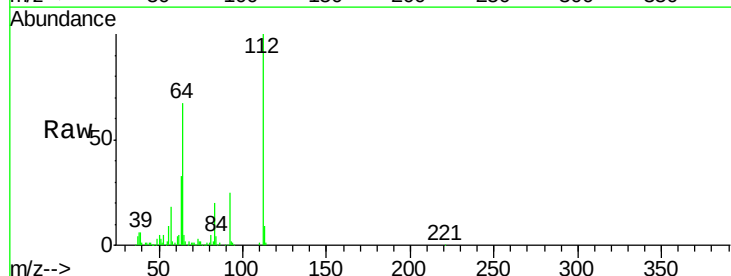
Tgt Ion:152 Resp: 36906
Ion Ratio Lower Upper
152 100
150 150.1 123.7 185.5
115 58.5 46.9 70.3

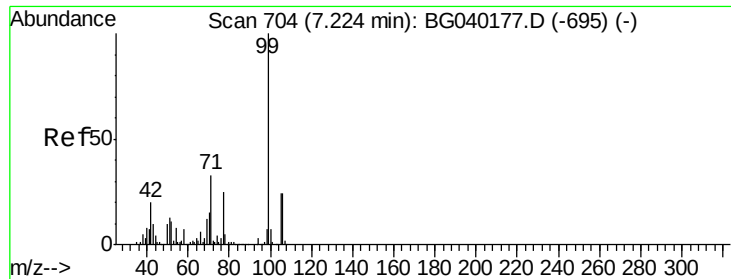


#5

2-Fluorophenol
Concen: 55.830 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040466.D
Acq: 12 Apr 2019 18:09

Tgt Ion:112 Resp: 123944
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.2
63 33.5 26.4 39.6





#7

Phenol-d6

Concen: 38.171 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0238-COMP-CS-3-ELTRT-DISS

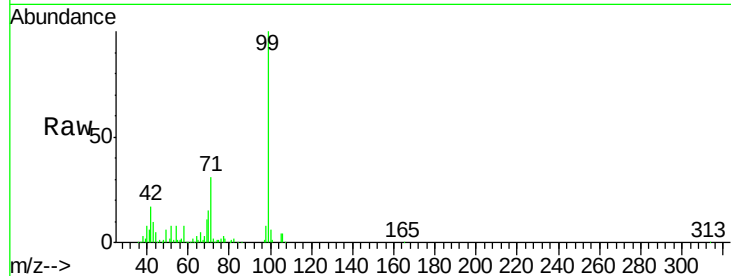
Tgt Ion: 99 Resp: 117113

Ion Ratio Lower Upper

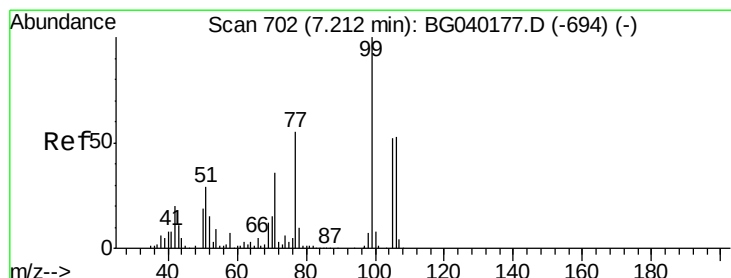
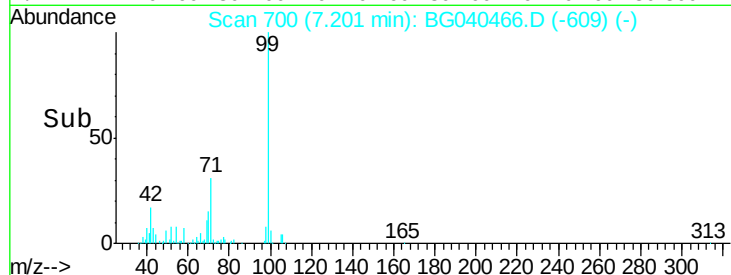
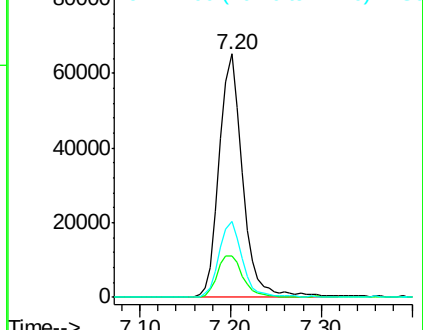
99 100

42 17.1 16.2 24.2

71 31.0 26.8 40.2



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



#9

Benzaldehyde

Concen: 2.706 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

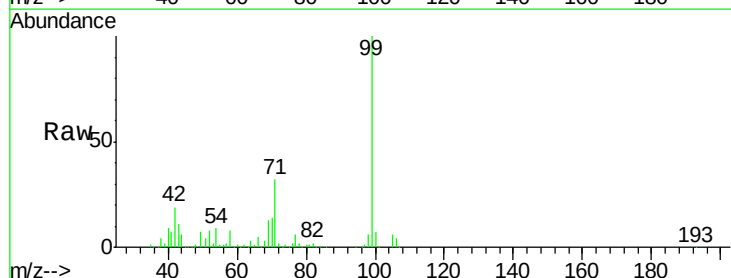
Tgt Ion: 77 Resp: 5695

Ion Ratio Lower Upper

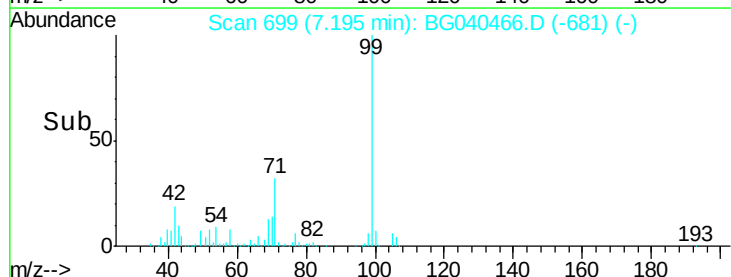
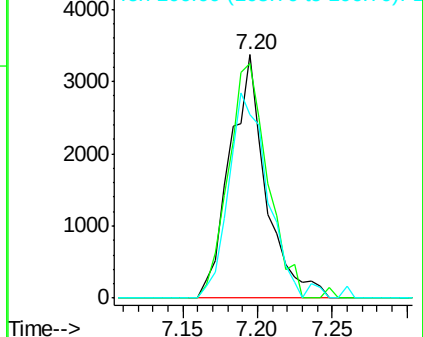
77 100

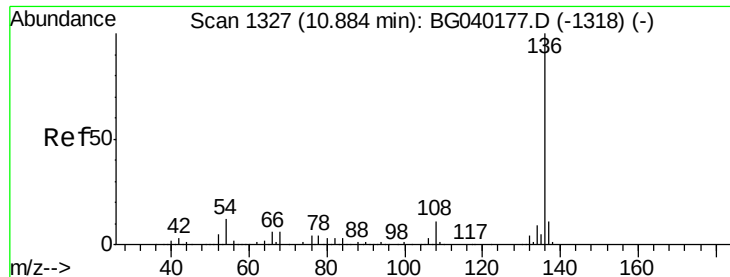
105 96.2 75.0 115.0

106 75.4 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

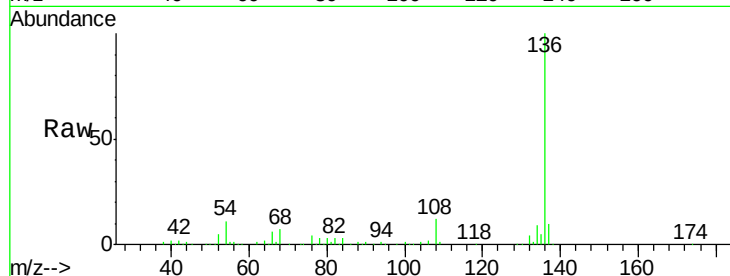




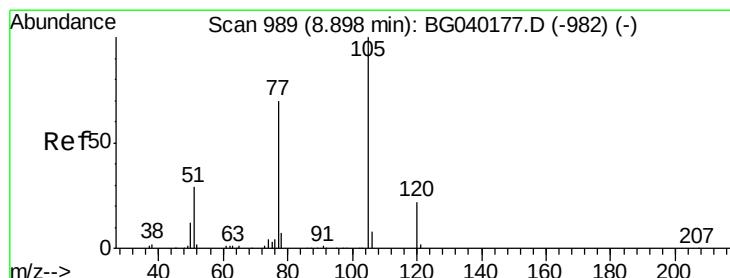
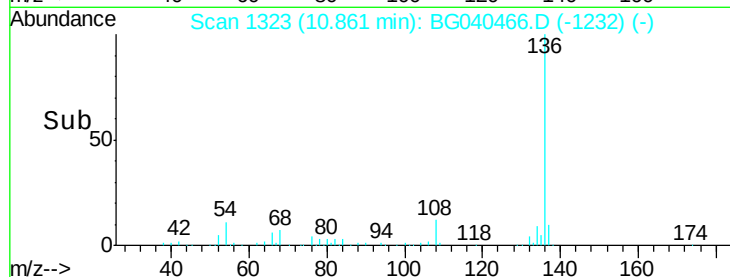
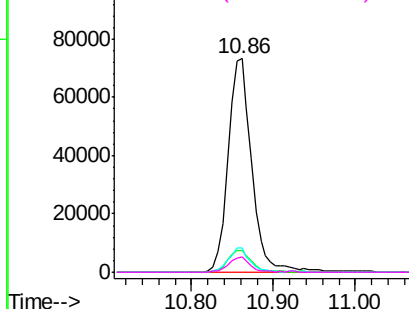
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG040466.D
Acq: 12 Apr 2019 18:09

Instrument :
BNA_G
ClientSampleId :
0238-COMP-CS-3-ELTRT-DISS

Tgt Ion:	136	Resp:	147316
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.4	9.6	14.4
68	7.1	5.1	7.7

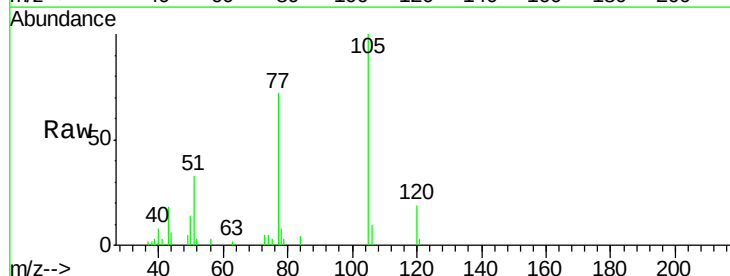


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

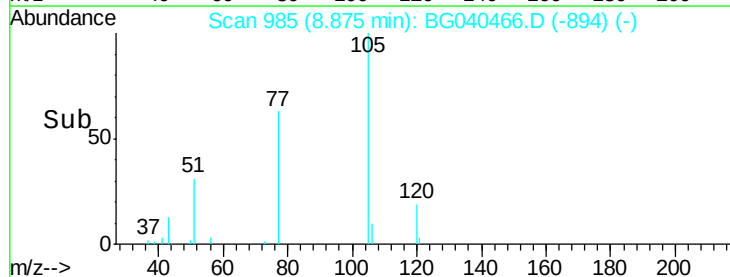
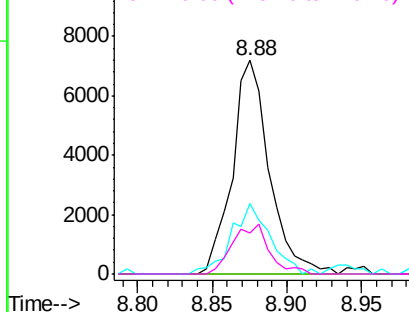


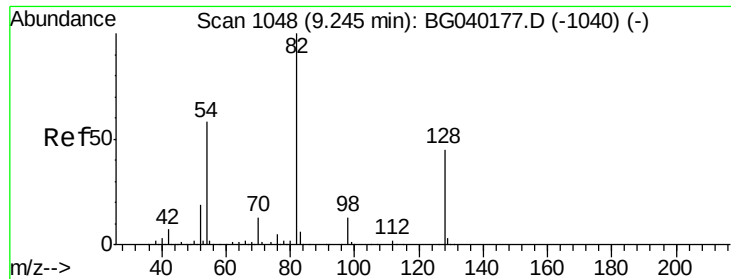
#22
Acetophenone
Concen: 3.384 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG040466.D
Acq: 12 Apr 2019 18:09

Tgt Ion:	105	Resp:	12435
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	32.7	25.1	37.7
120	19.0	17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

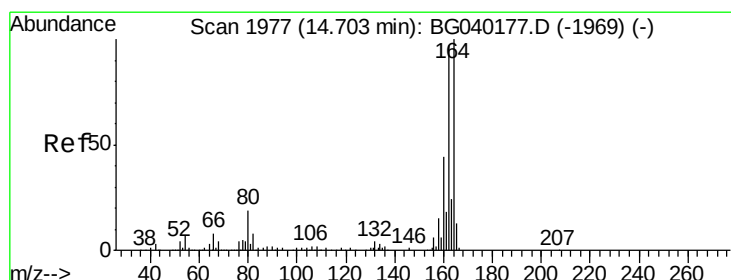
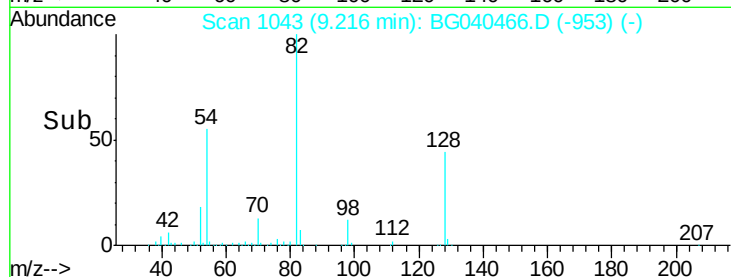
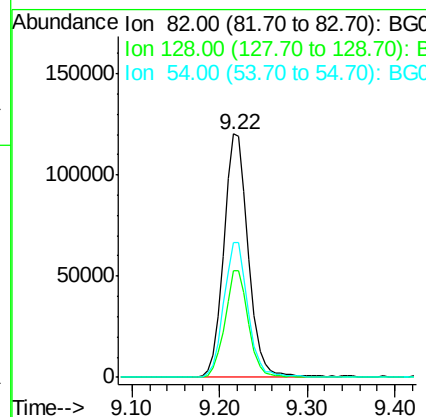
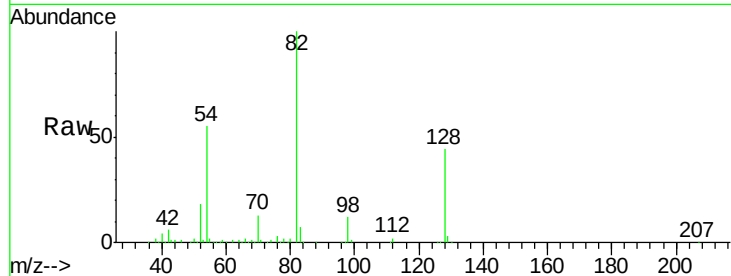




#23
 Nitrobenzene-d5
 Concen: 83.953 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040466.D
 Acq: 12 Apr 2019 18:09

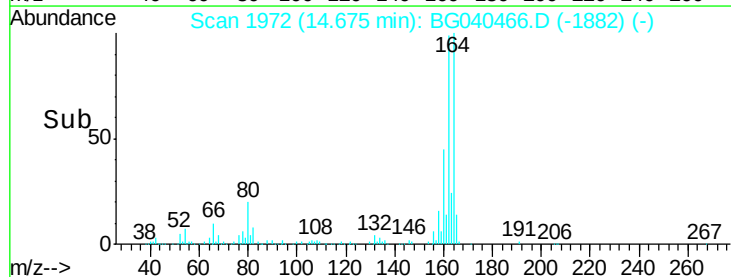
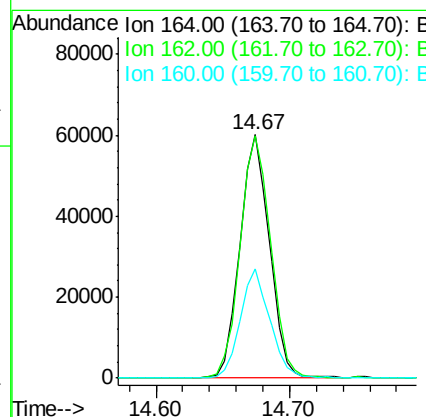
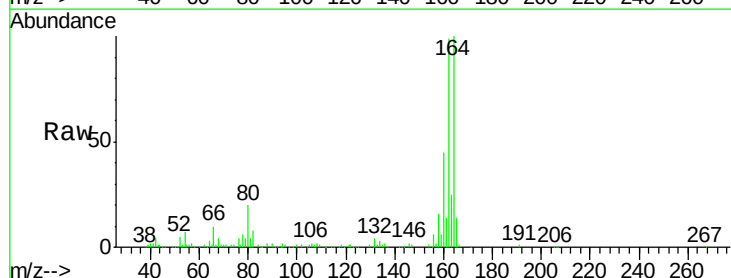
Instrument :
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 0238-COMP-CS-3-ELTRT-DISS

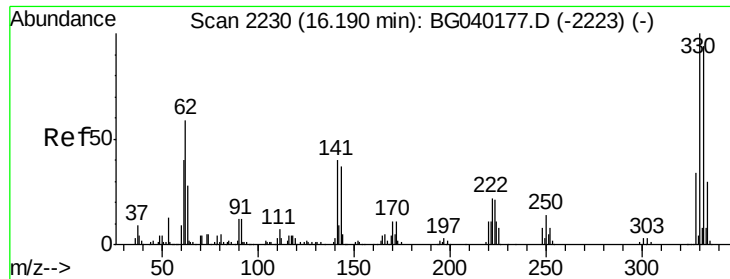
Tgt Ion: 82 Resp: 232678
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.8 53.8
 54 55.4 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG040466.D
 Acq: 12 Apr 2019 18:09

Tgt Ion: 164 Resp: 92375
 Ion Ratio Lower Upper
 164 100
 162 99.4 77.4 116.2
 160 45.1 35.3 52.9

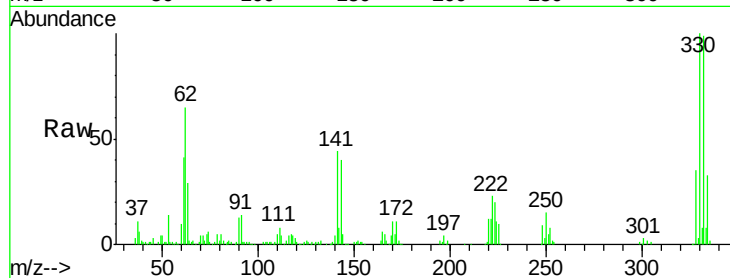




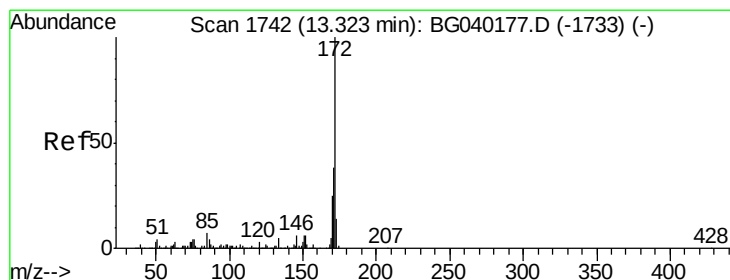
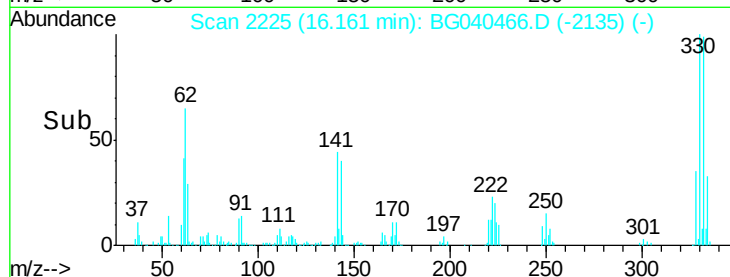
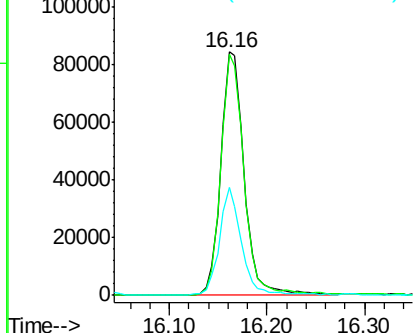
#42
 2,4,6-Tribromophenol
 Concen: 140.817 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG040466.D
 Acq: 12 Apr 2019 18:09

Instrument :
 BNA_G
 ClientSampleId :
 0238-COMP-CS-3-ELTRT-DISS

Tgt Ion:330 Resp: 140582
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 41.3 32.6 48.8

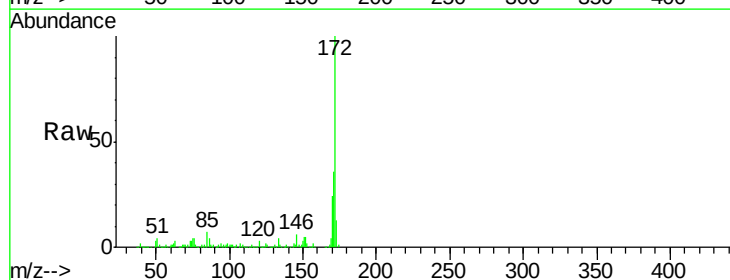


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

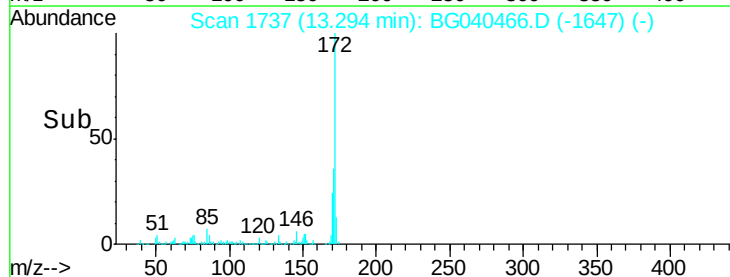
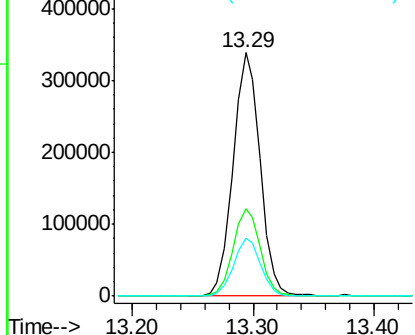


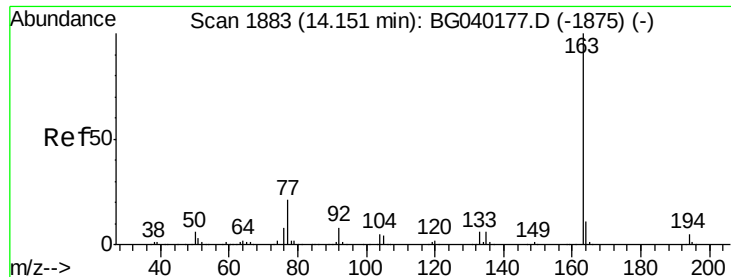
#45
 2-Fluorobiphenyl
 Concen: 84.814 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040466.D
 Acq: 12 Apr 2019 18:09

Tgt Ion:172 Resp: 528744
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.5 45.7
 170 24.0 20.1 30.1



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: 3.475 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0238-COMP-CS-3-ELTRT-DISS

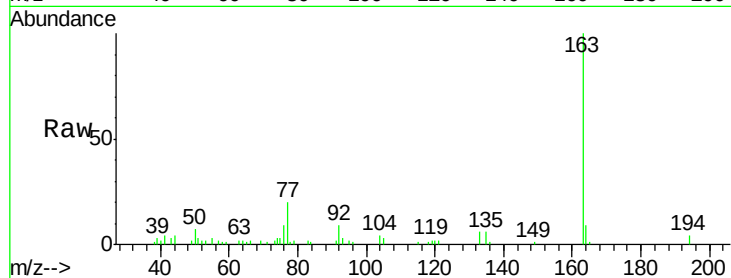
Tgt Ion:163 Resp: 25123

Ion Ratio Lower Upper

163 100

194 3.8 4.1 6.1#

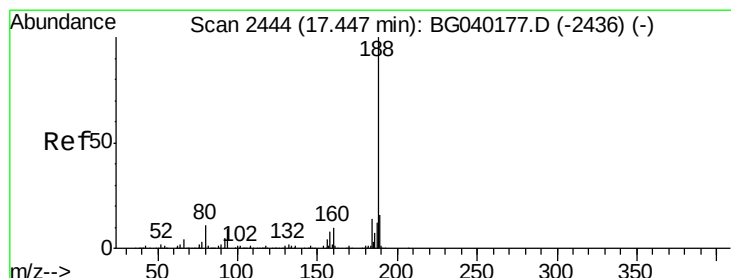
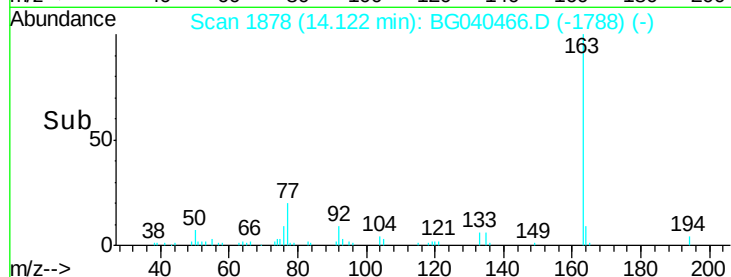
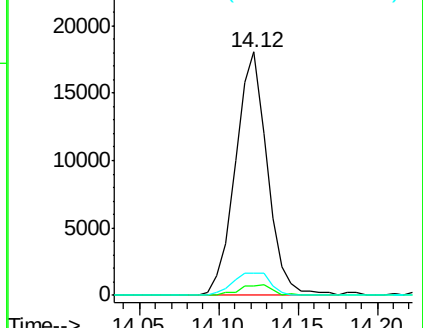
164 9.1 8.6 13.0



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

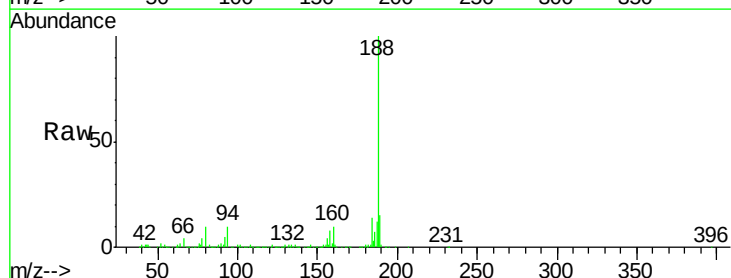
Tgt Ion:188 Resp: 238998

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

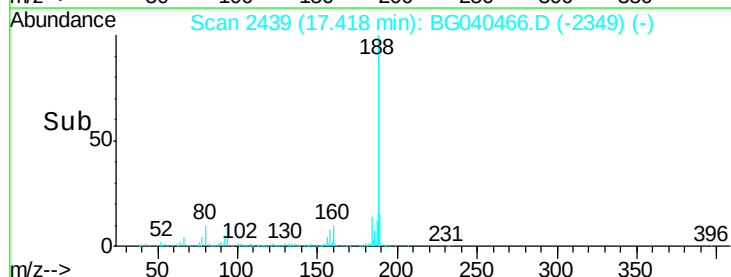
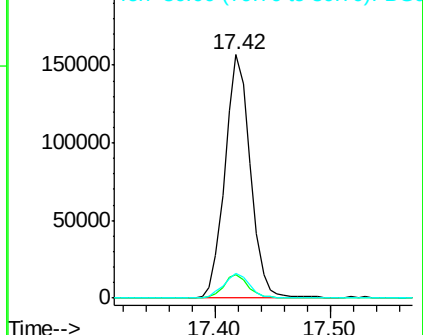
80 10.1 8.6 13.0

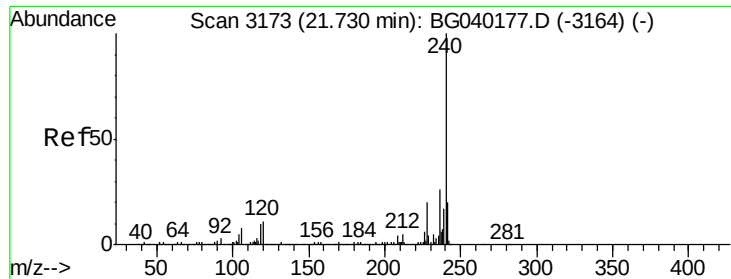


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

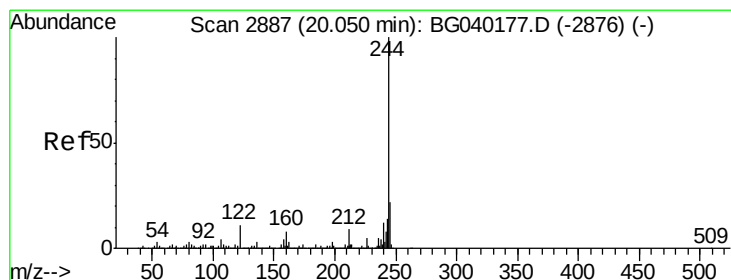
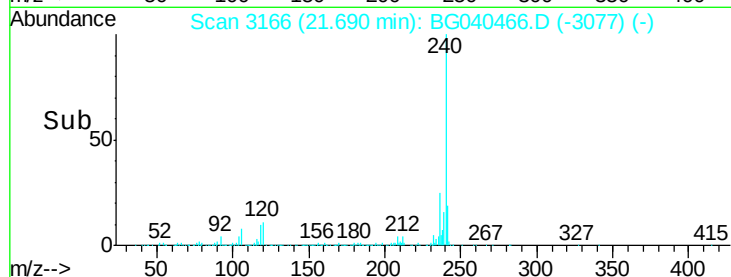
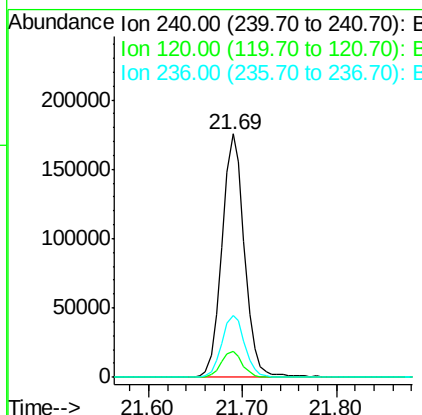
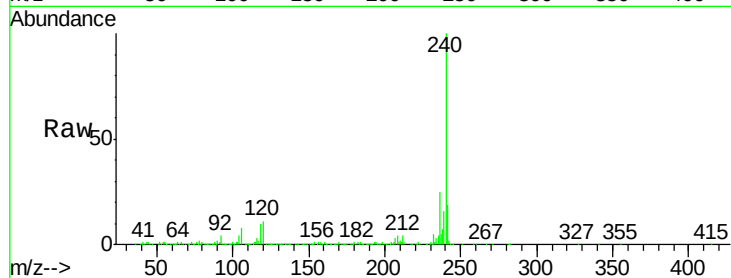




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG040466.D
Acq: 12 Apr 2019 18:09

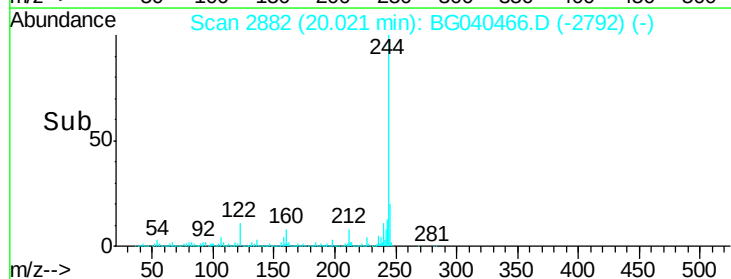
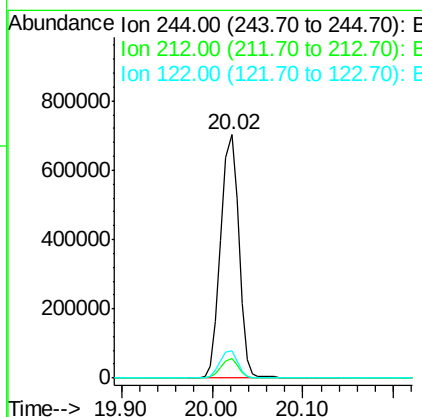
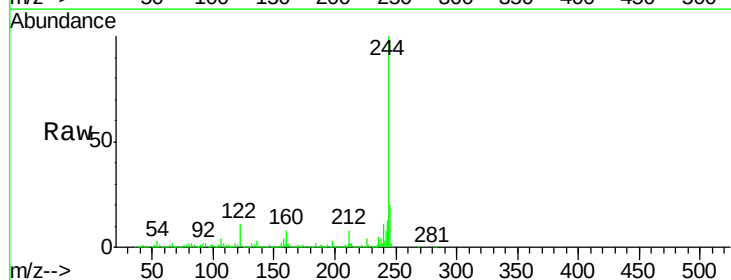
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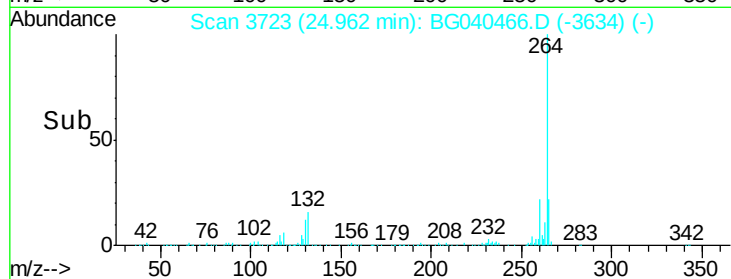
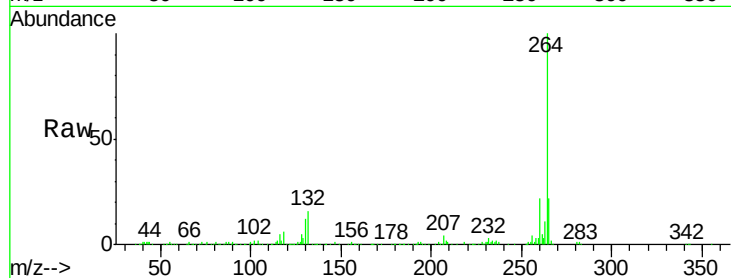
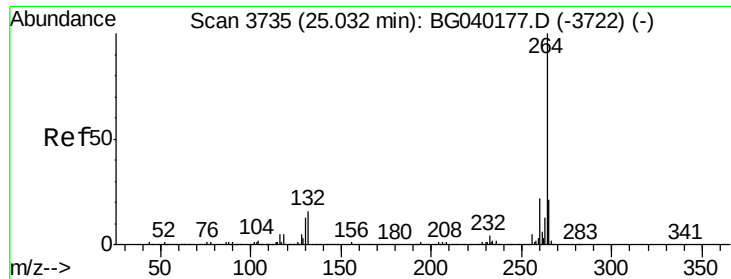
Tgt Ion:240 Resp: 292001
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 75.321 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG040466.D
Acq: 12 Apr 2019 18:09

Tgt Ion:244 Resp: 977657
Ion Ratio Lower Upper
244 100
212 8.0 7.0 10.6
122 11.0 8.5 12.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040466.D

Acq: 12 Apr 2019 18:09

Instrument :

BNA_G

ClientSampleId :

0238-COMP-CS-3-ELTRT-DISS

Tgt Ion:264 Resp: 297554

Ion Ratio Lower Upper

264 100

260 22.3 17.9 26.9

265 21.9 16.8 25.2

