

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043018.D
 Acq On : 3 Oct 2019 19:05
 Operator : JU
 Sample : K5168-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2019070-SS-COMPOSITE-10

Quant Time: Oct 04 07:39:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

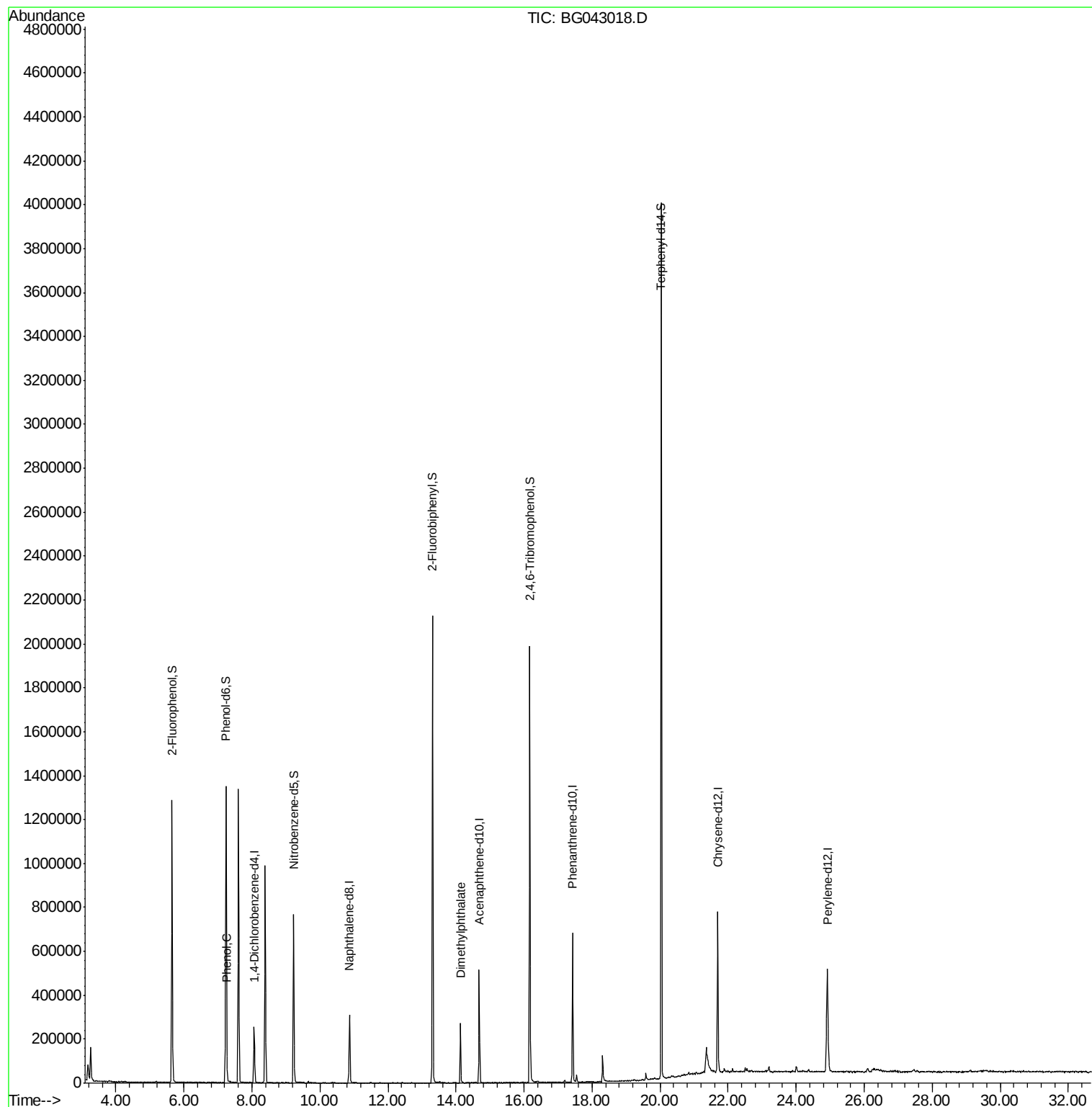
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73257	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	271202	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	193500	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	434597	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	460238	20.00	ng	-0.02
87) Perylene-d12	24.92	264	539259	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	548229	133.55	ng	0.00
7) Phenol-d6	7.24	99	797737	134.95	ng	0.00
23) Nitrobenzene-d5	9.22	82	491896	88.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	435666	130.93	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1159601	86.88	ng	-0.01
79) Terphenyl-d14	20.04	244	1939955	89.82	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	28043	5.171	ng	94
50) Dimethylphthalate	14.14	163	186962	12.895	ng	# 98

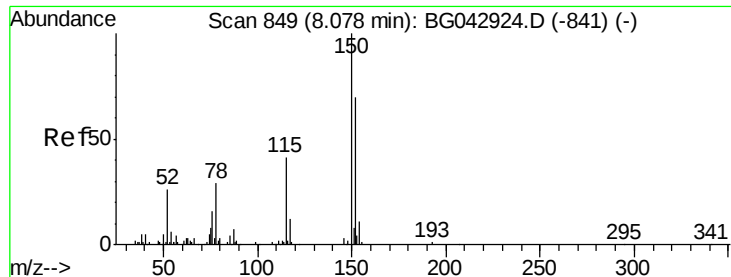
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043018.D
Acq On : 3 Oct 2019 19:05
Operator : JU
Sample : K5168-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Quant Time: Oct 04 07:39:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



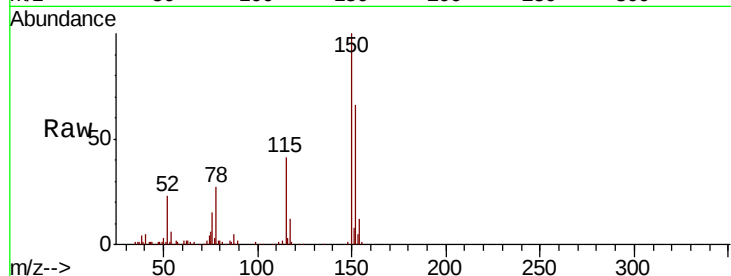


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	115.0	172.4
115	63.1	47.0	70.6

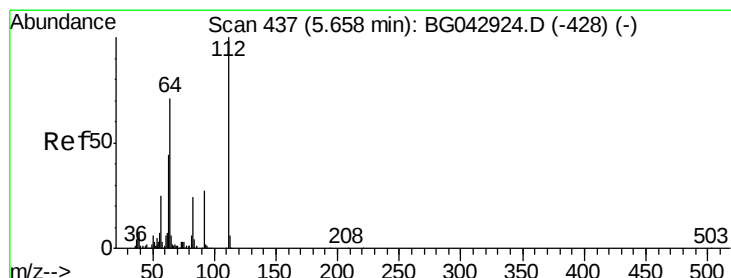
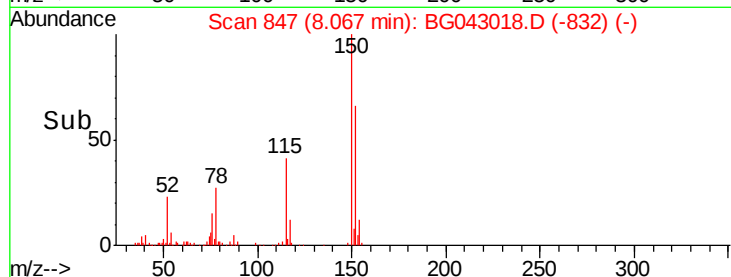
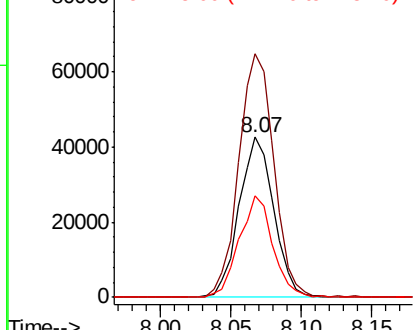


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

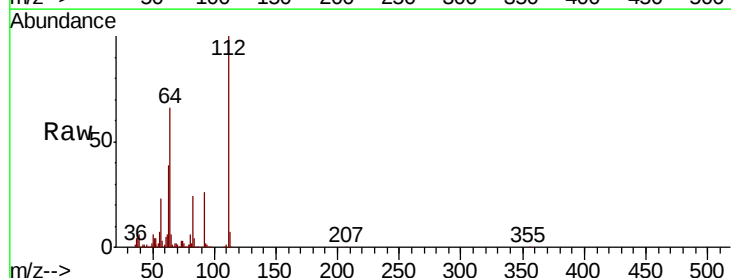
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 133.555 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.6	84.8
63	38.9	35.1	52.7

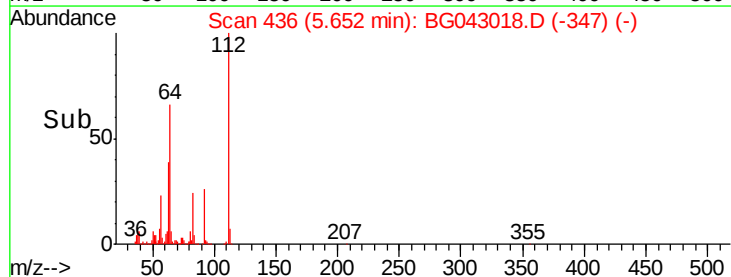
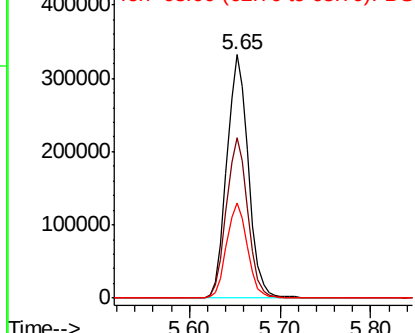


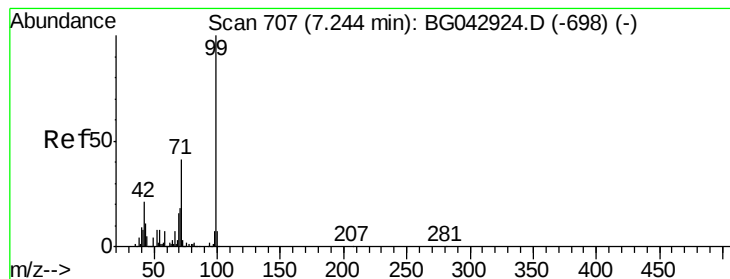
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 134.951 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043018.D

Acq: 3 Oct 2019 19:05

Instrument :

BNA_G

ClientSampleId :

2019070-SS-COMPOSITE-10

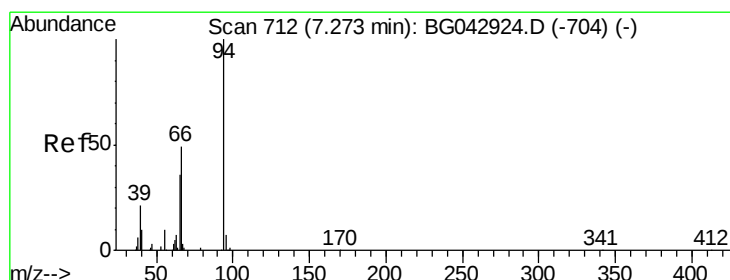
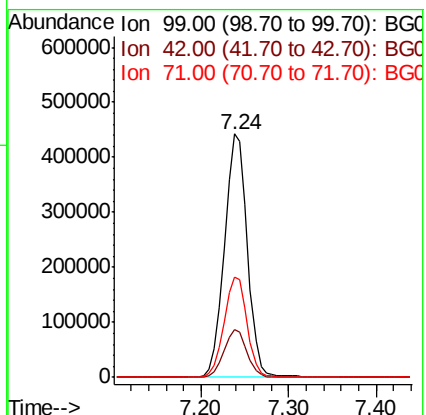
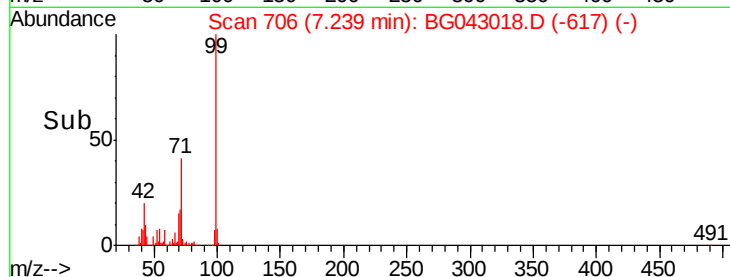
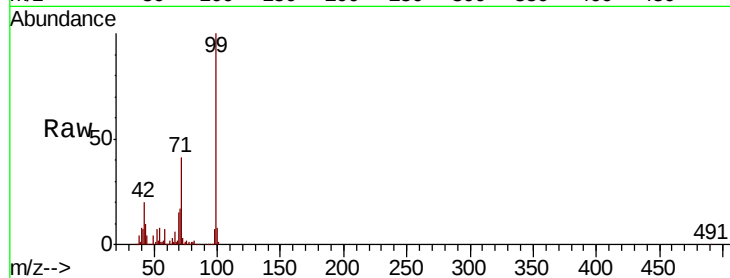
Tot Ion: 99 Resp: 797737

Ion Ratio Lower Upper

99 100

42 19.8 17.2 25.8

71 41.2 33.1 49.7



#10

Phenol

Concen: 5.171 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043018.D

Acq: 3 Oct 2019 19:05

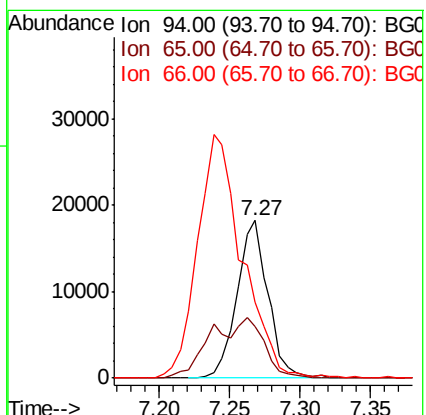
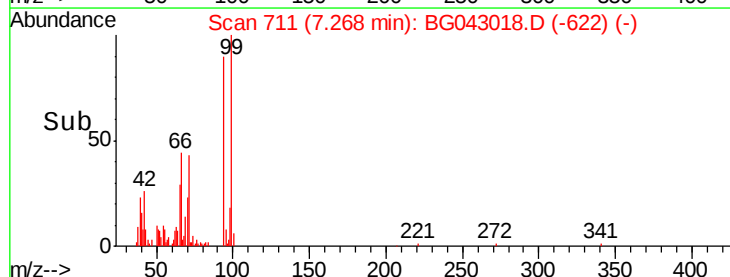
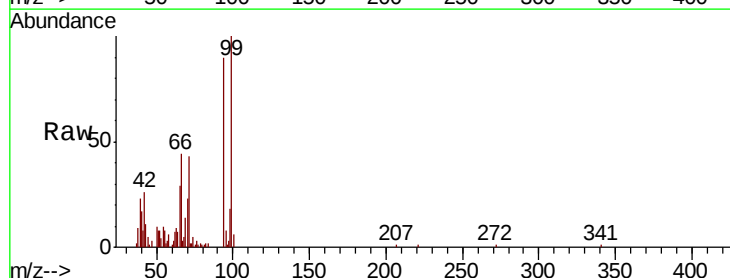
Tgt Ion: 94 Resp: 28043

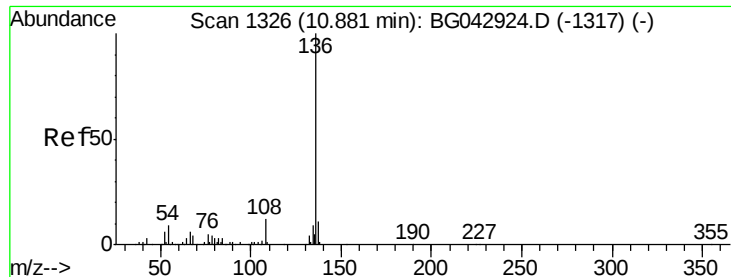
Ion Ratio Lower Upper

94 100

65 32.5 16.6 56.6

66 48.4 32.4 72.4

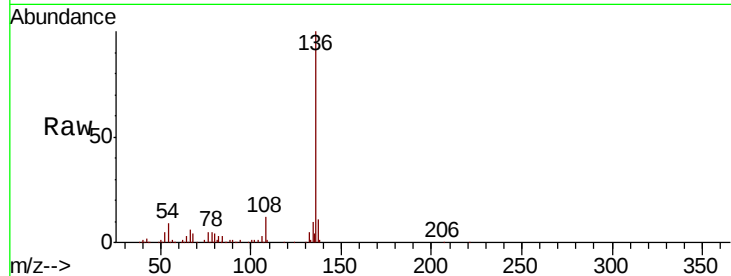




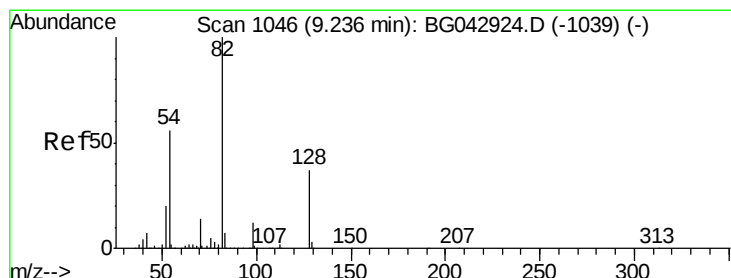
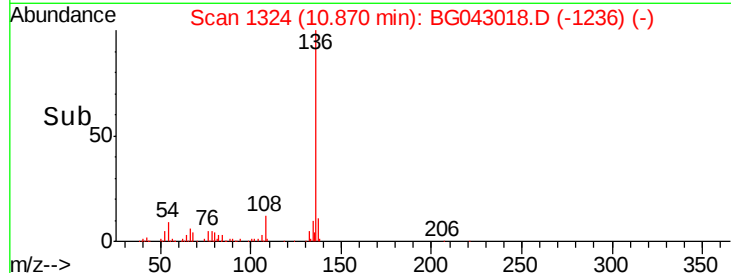
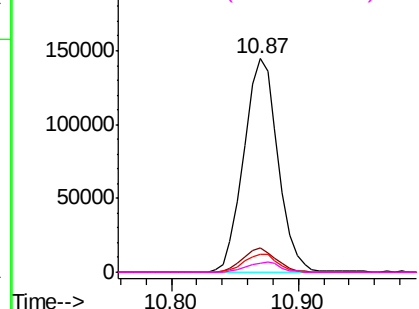
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tot Ion:136	Resp:	271202
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.5	12.7
54 8.7	7.4	11.2
68 3.9	3.6	5.4

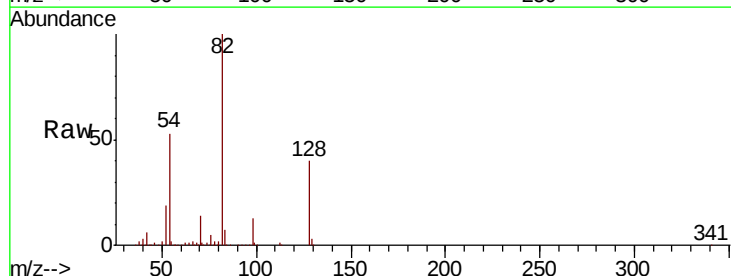


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

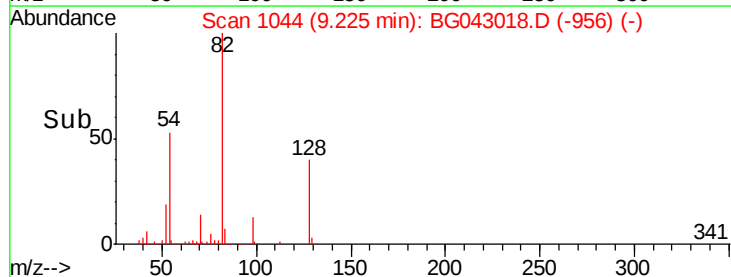
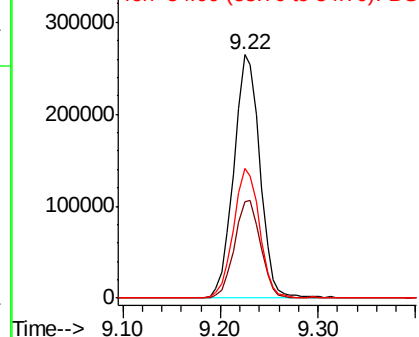


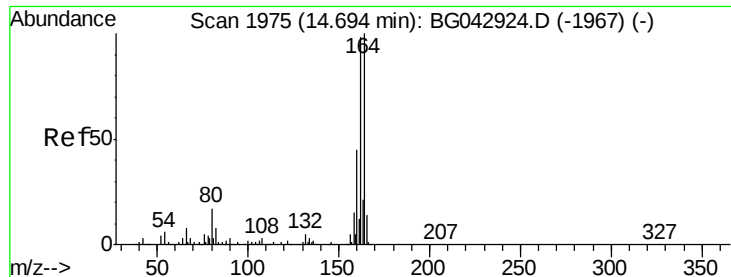
#23
Nitrobenzene-d5
Concen: 88.158 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion: 82	Resp: 491896
Ion Ratio	Lower Upper
82 100	
128 39.6	29.5 44.3
54 53.0	44.6 67.0



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: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043018.D

Acq: 3 Oct 2019 19:05

Instrument :

BNA_G

ClientSampleId :

2019070-SS-COMPOSITE-10

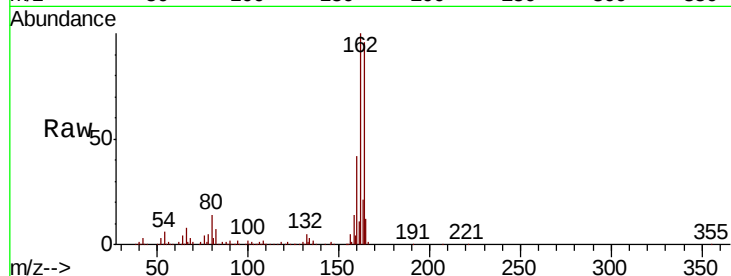
Tot Ion:164 Resp: 193500

Ion Ratio Lower Upper

164 100

162 104.3 78.5 117.7

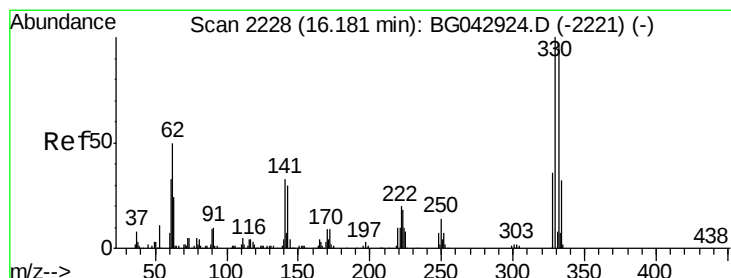
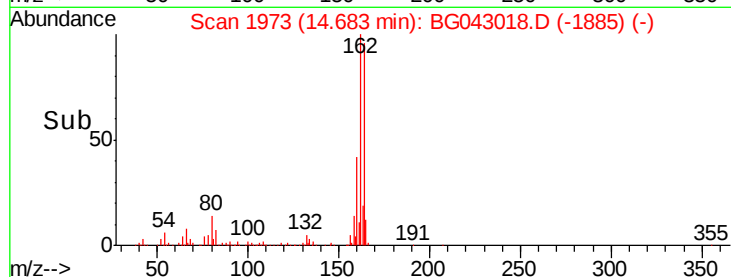
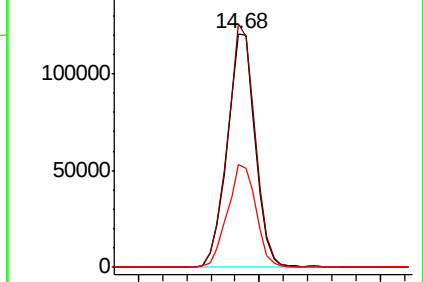
160 44.0 35.9 53.9



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: 130.935 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043018.D

Acq: 3 Oct 2019 19:05

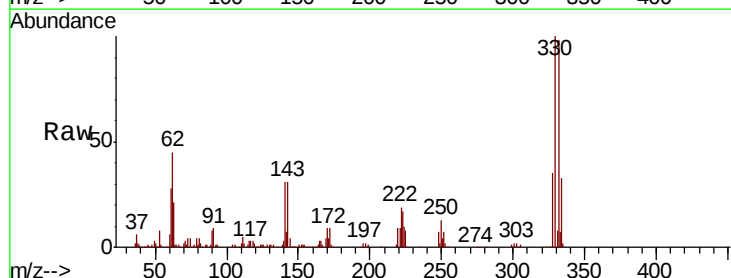
Tgt Ion:330 Resp: 435666

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.2

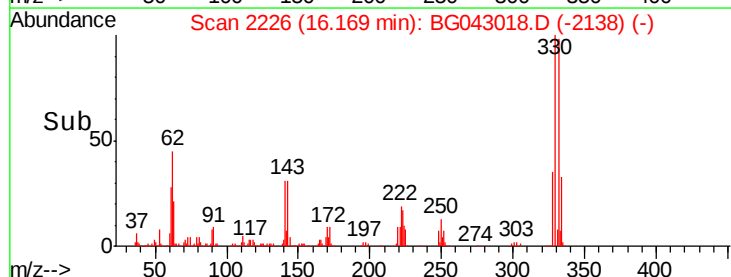
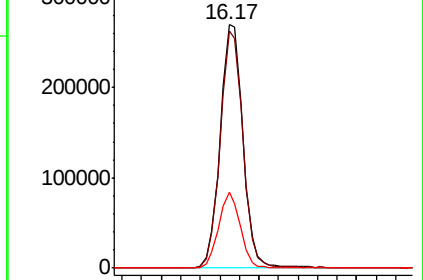
141 29.8 26.0 39.0

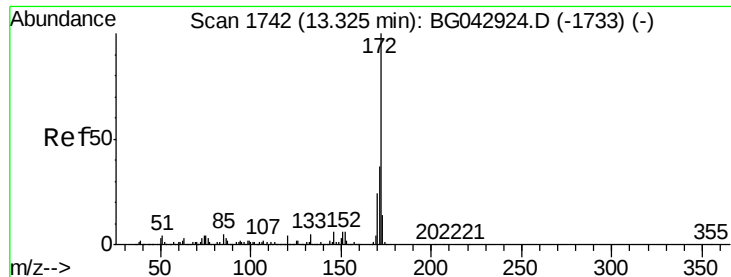


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

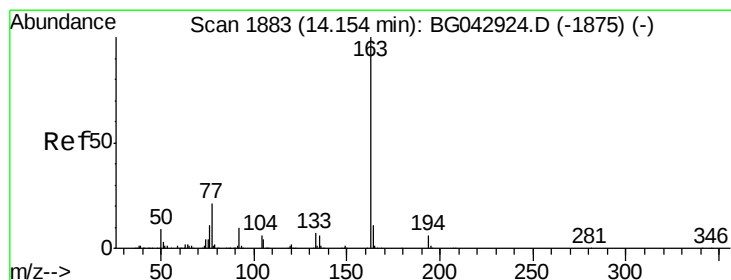
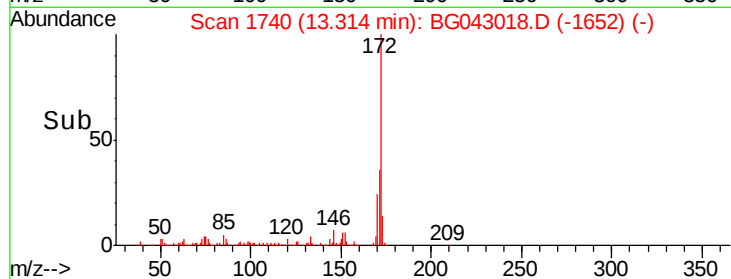
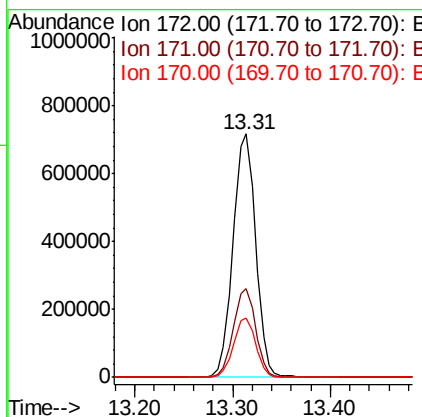
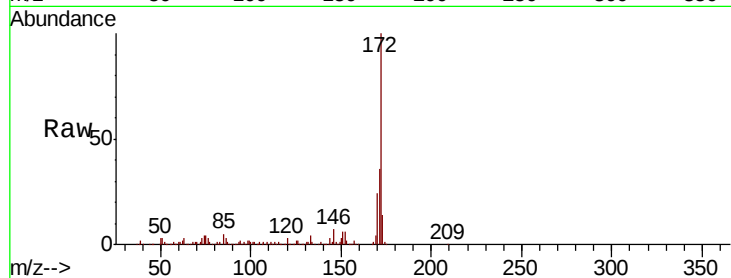




#45
2-Fluorobiphenyl
Concen: 86.877 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

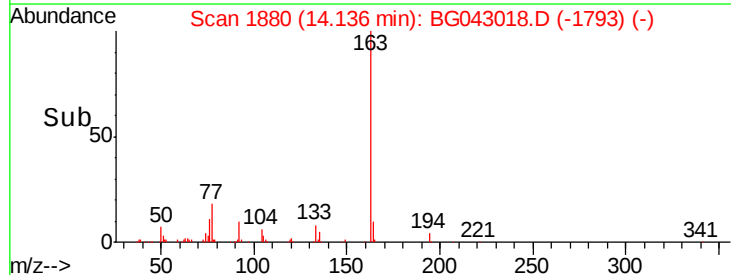
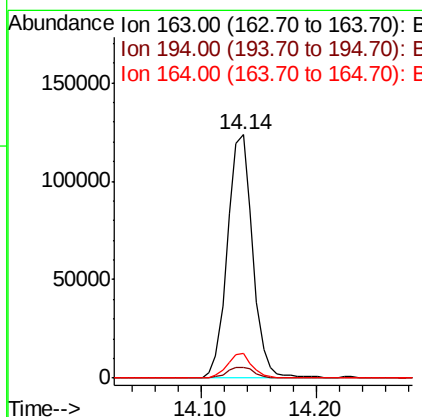
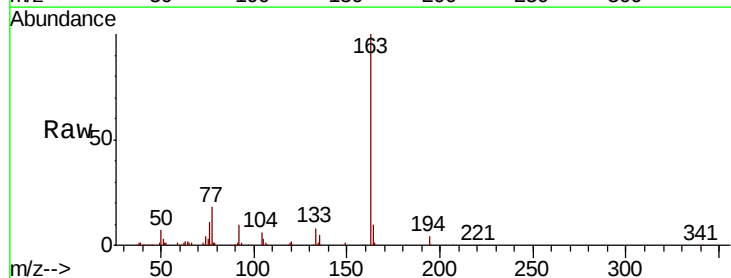
Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

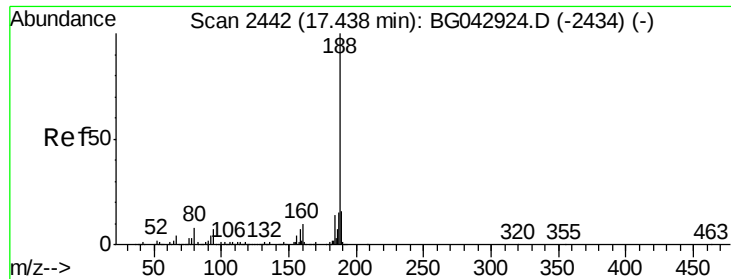
Tot Ion:172 Resp: 1159601
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.1 19.6 29.4



#50
Dimethylphthalate
Concen: 12.895 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion:163 Resp: 186962
Ion Ratio Lower Upper
163 100
194 4.2 4.4 6.6#
164 10.4 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043018.D

Acq: 3 Oct 2019 19:05

Instrument :

BNA_G

ClientSampleId :

2019070-SS-COMPOSITE-10

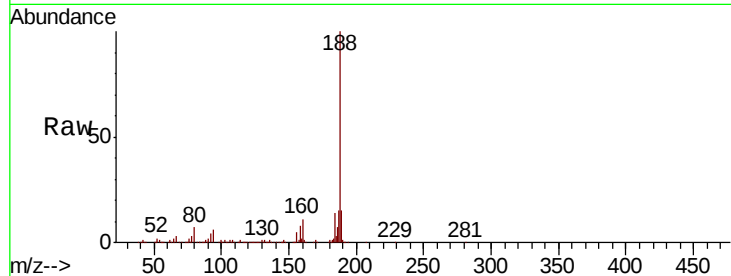
Tot Ion:188 Resp: 434597

Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

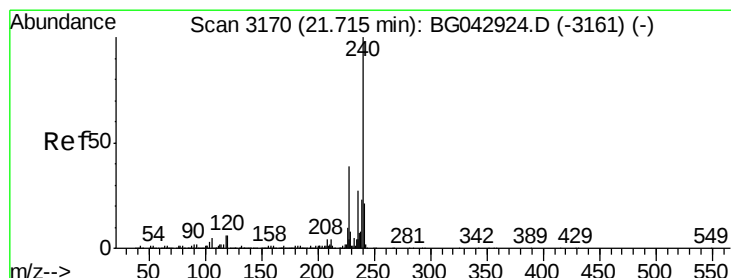
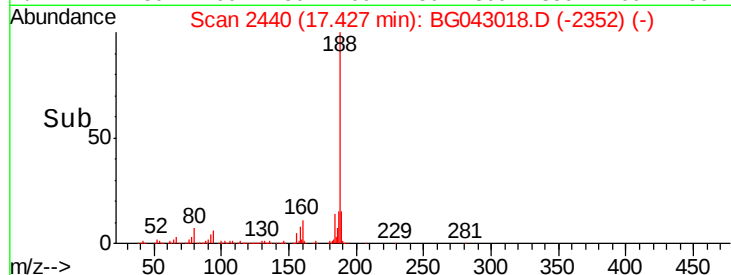
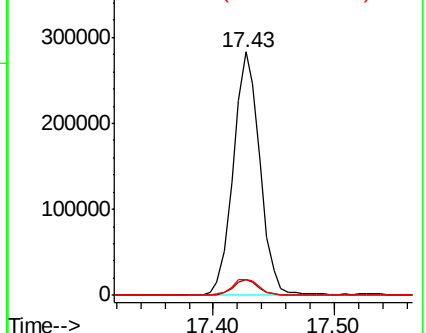
80 6.5 6.5 9.7



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# 3166

Delta R.T. -0.02 min

Lab File: BG043018.D

Acq: 3 Oct 2019 19:05

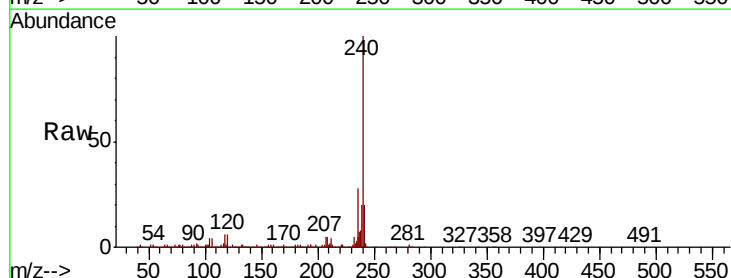
Tgt Ion:240 Resp: 460238

Ion Ratio Lower Upper

240 100

120 5.9 4.8 7.2

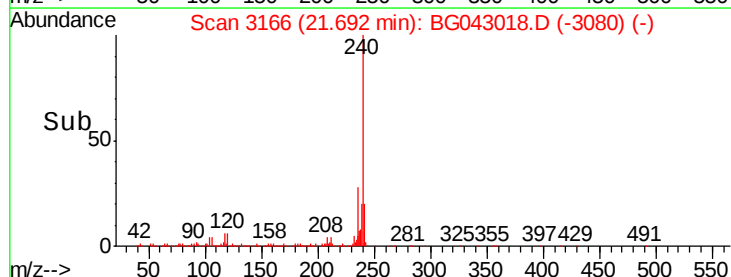
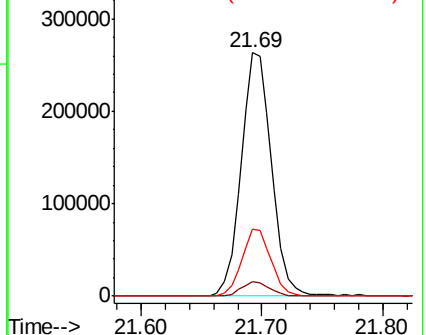
236 27.7 21.4 32.0

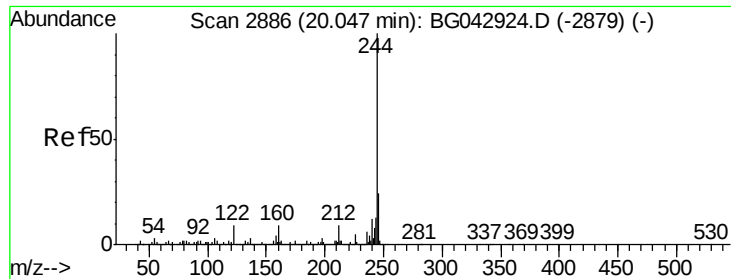


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.819 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043018.D

Acq: 3 Oct 2019 19:05

Instrument :

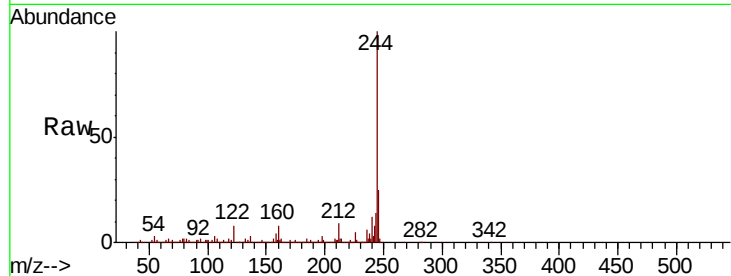
BNA_G

ClientSampleId :

2019070-SS-COMPOSITE-10

Tot Ion:244 Resp: 1939955

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	7.7	7.0	10.4

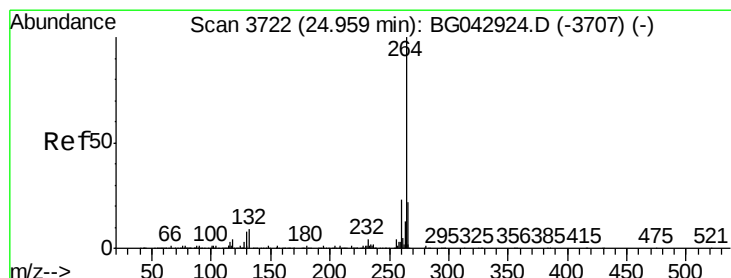
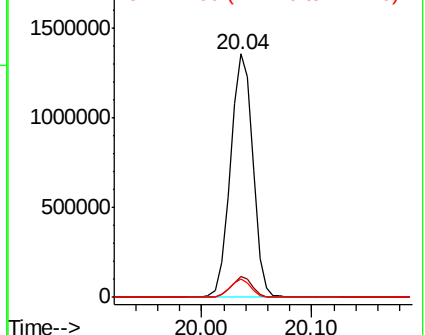
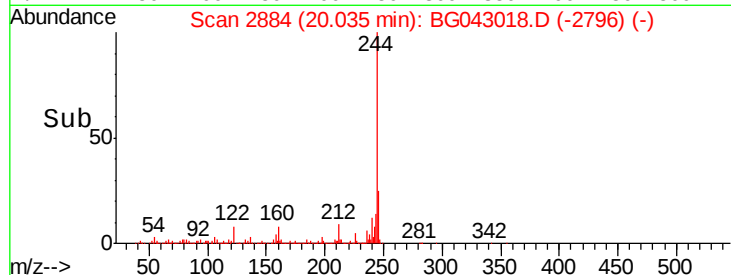


Abundance

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# 3715

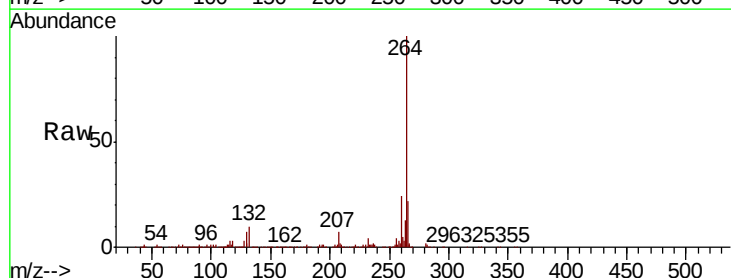
Delta R.T. -0.04 min

Lab File: BG043018.D

Acq: 3 Oct 2019 19:05

Tgt Ion:264 Resp: 539259

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.3	17.7	26.5



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

