

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040047.D
 Acq On : 20 Mar 2019 22:25
 Operator : JU/SJ
 Sample : K1943-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190133-LOC-10

Quant Time: Mar 21 10:49:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

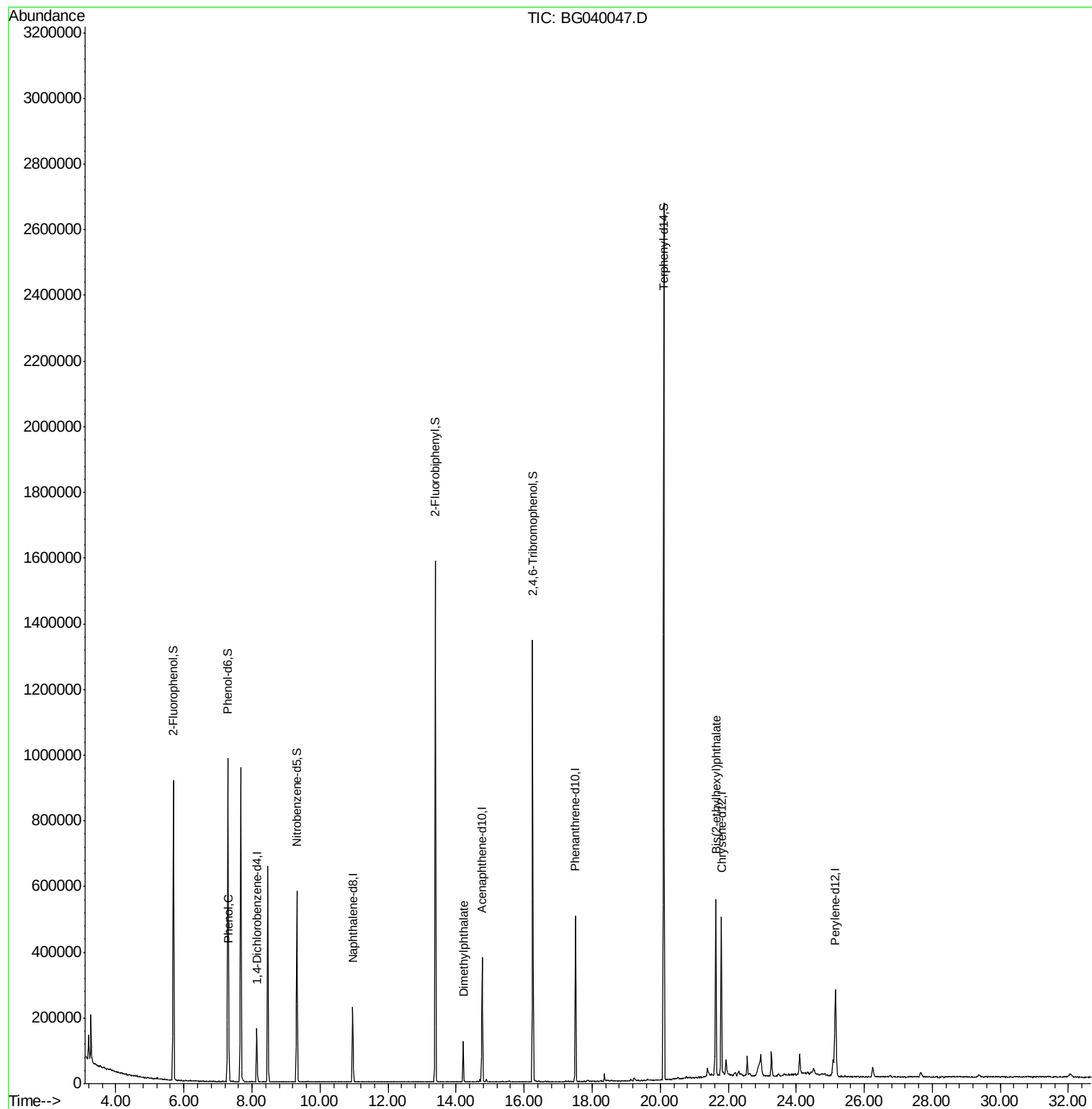
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44837	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	192351	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	130324	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	317781	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	297921	20.00	ng	-0.03
87) Perylene-d12	25.15	264	297818	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	387202	147.33	ng	-0.02
7) Phenol-d6	7.29	99	564468	144.04	ng	-0.02
23) Nitrobenzene-d5	9.32	82	348594	98.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	232667	153.17	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	810107	88.51	ng	-0.02
79) Terphenyl-d14	20.11	244	1212857	89.64	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	49158	11.579	ng	Qvalue 100
50) Dimethylphthalate	14.21	163	81400	7.470	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	268952	25.518	ng	98

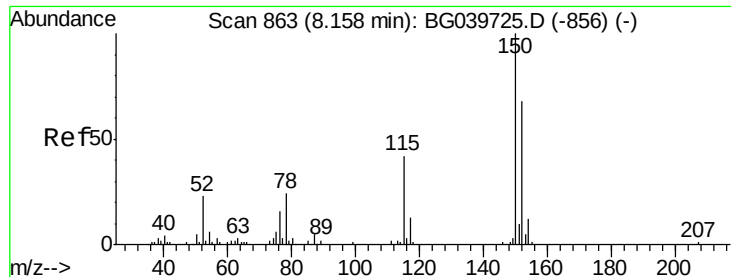
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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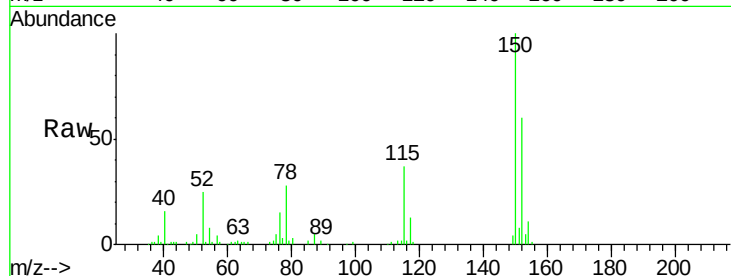


#1

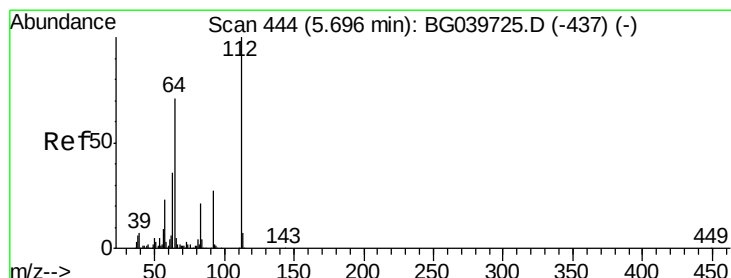
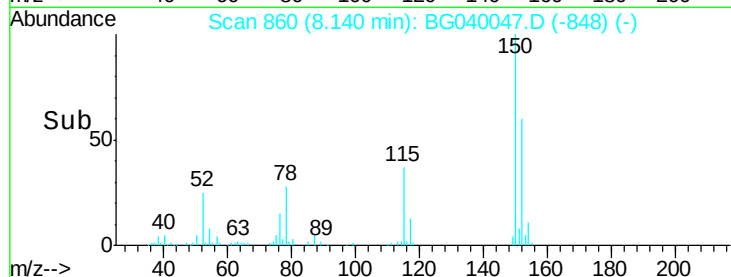
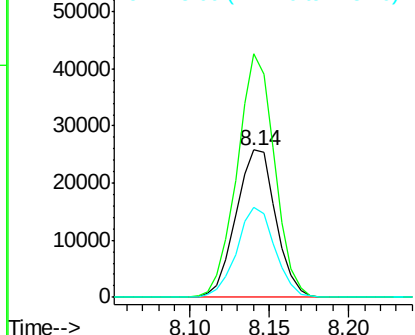
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:152 Resp: 44837
Ion Ratio Lower Upper
152 100
150 165.5 123.7 185.5
115 60.9 45.9 68.9



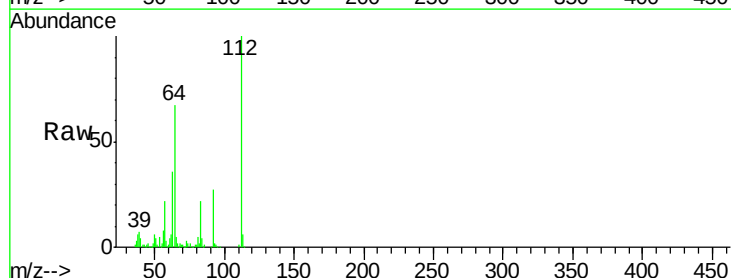
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



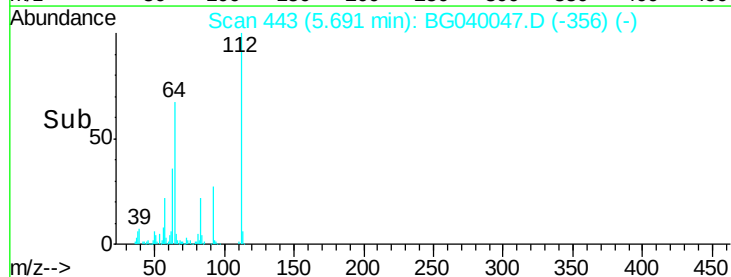
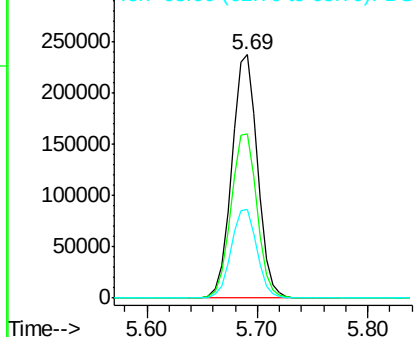
#5

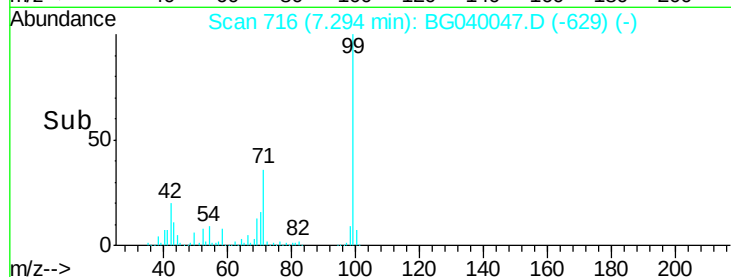
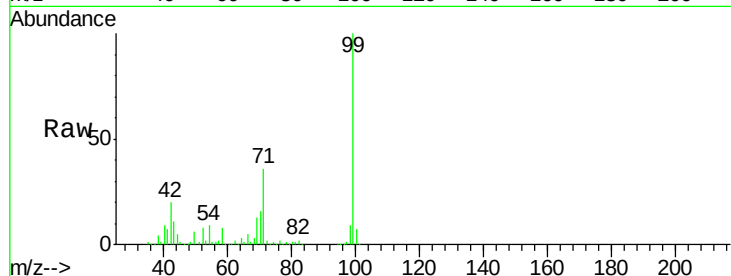
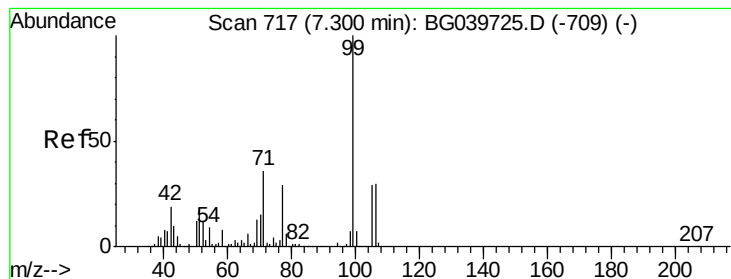
2-Fluorophenol
Concen: 147.327 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:112 Resp: 387202
Ion Ratio Lower Upper
112 100
64 67.4 57.8 86.8
63 36.3 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.042 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040047.D

Acq: 20 Mar 2019 22:25

Instrument :

BNA_G

ClientSampleId :

20190133-LOC-10

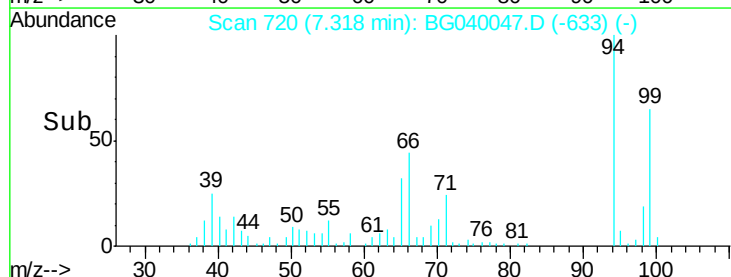
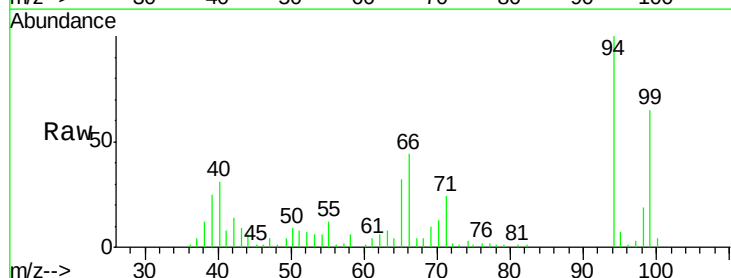
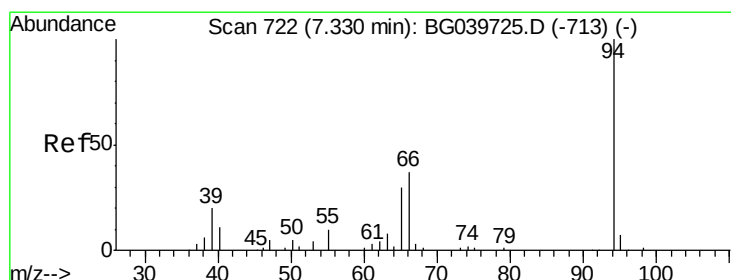
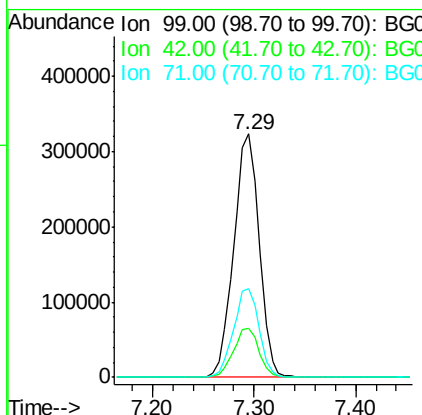
Tgt Ion: 99 Resp: 564468

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 36.5 28.0 42.0



#10

Phenol

Concen: 11.579 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040047.D

Acq: 20 Mar 2019 22:25

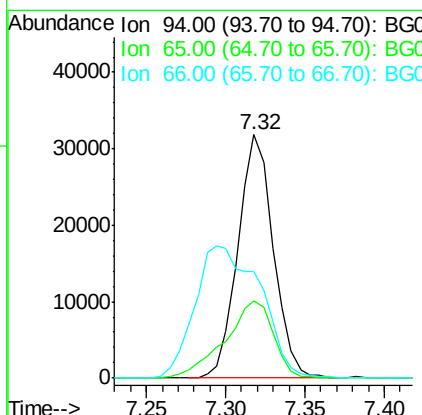
Tgt Ion: 94 Resp: 49158

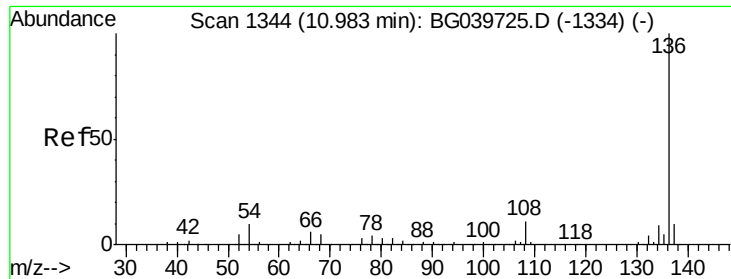
Ion Ratio Lower Upper

94 100

65 32.0 11.7 51.7

66 43.7 23.7 63.7

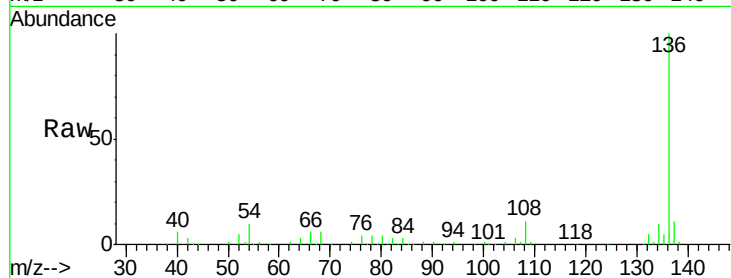




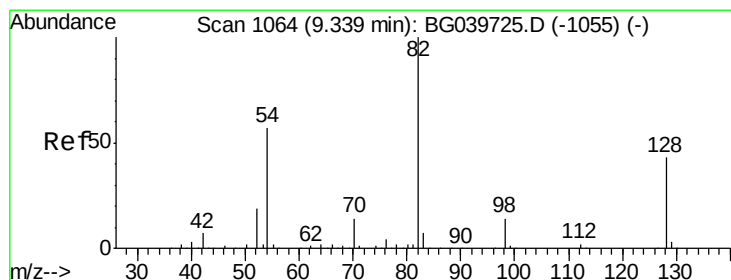
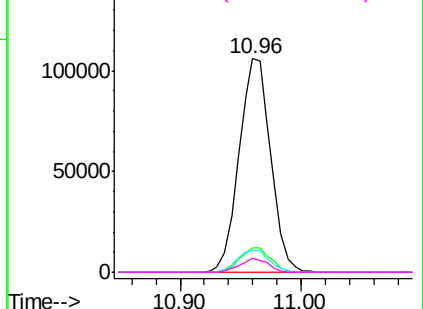
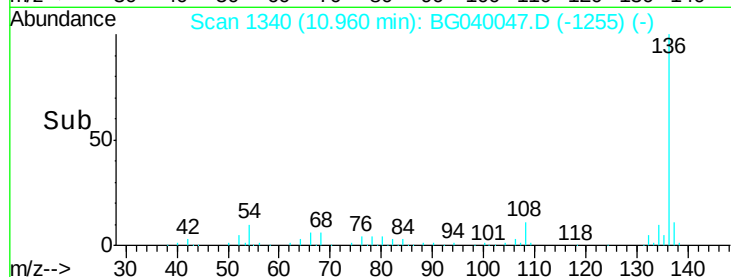
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:	136	Resp:	192351
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.5	9.4	14.2
68	6.4	4.2	6.4

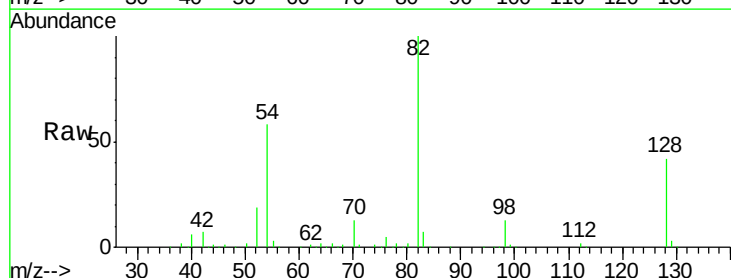


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

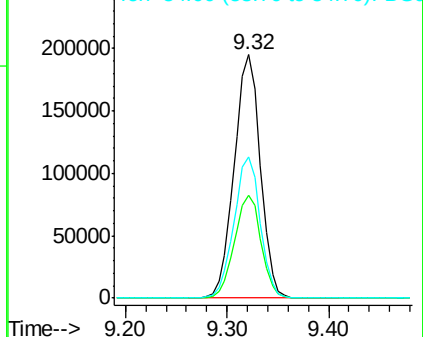
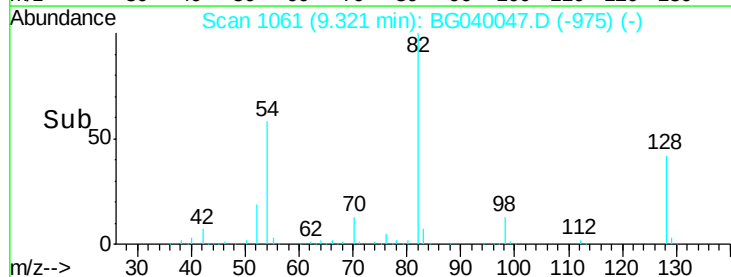


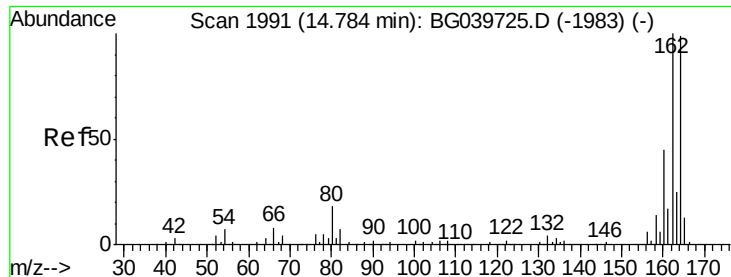
#23
Nitrobenzene-d5
Concen: 98.015 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:	82	Resp:	348594
Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.3	46.9
54	58.2	50.9	76.3



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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040047.D

Acq: 20 Mar 2019 22:25

Instrument :

BNA_G

ClientSampleId :

20190133-LOC-10

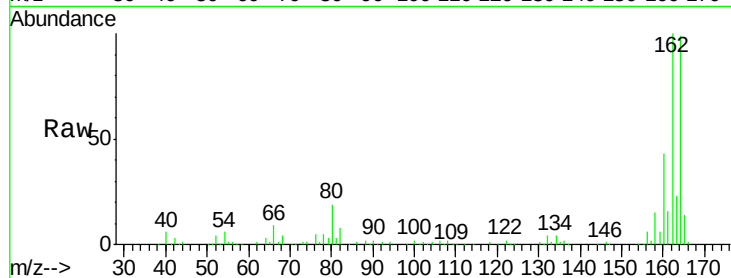
Tgt Ion:164 Resp: 130324

Ion Ratio Lower Upper

164 100

162 101.3 81.6 122.4

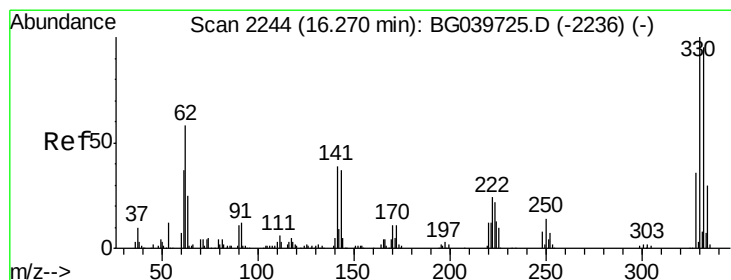
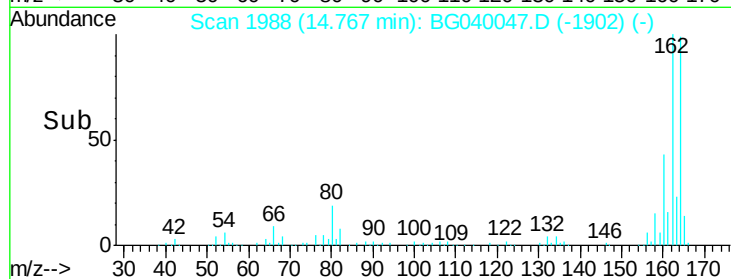
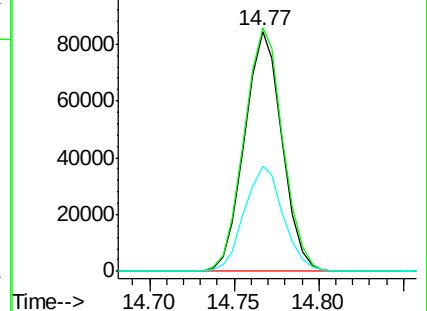
160 43.7 34.2 51.2



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: 153.169 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040047.D

Acq: 20 Mar 2019 22:25

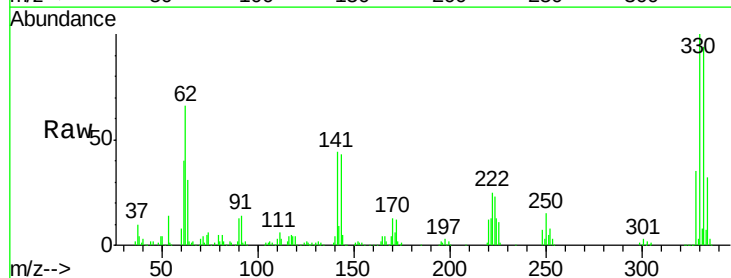
Tgt Ion:330 Resp: 232667

Ion Ratio Lower Upper

330 100

332 94.8 75.7 113.5

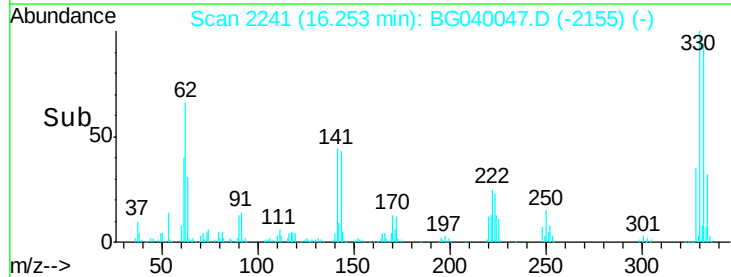
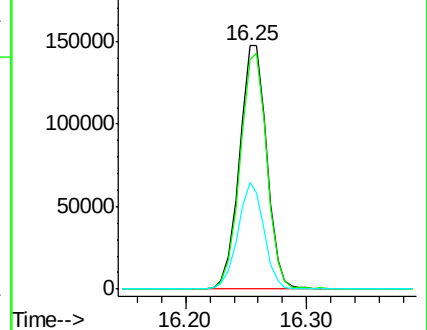
141 42.0 35.6 53.4

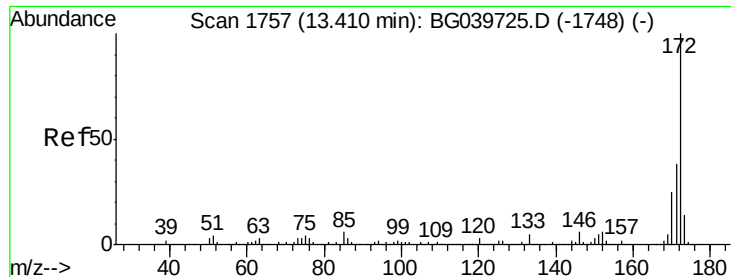


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

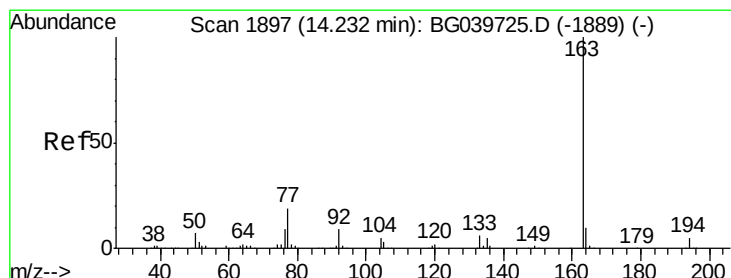
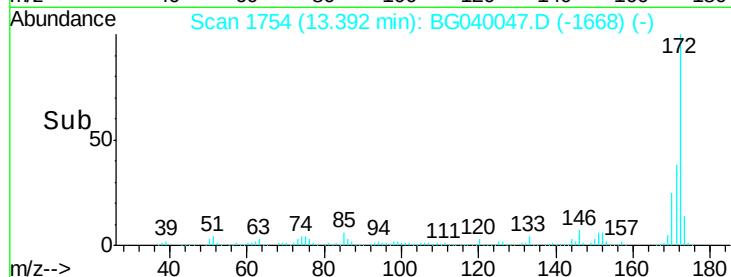
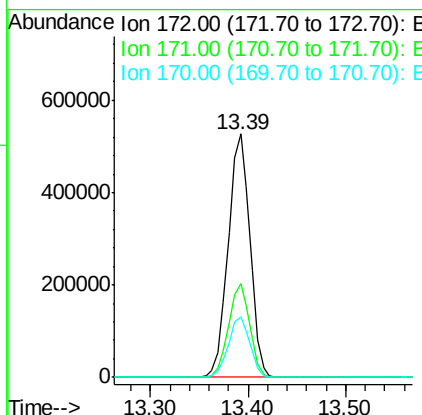
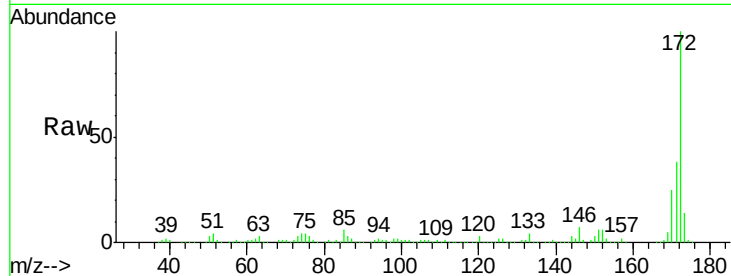




#45
2-Fluorobiphenyl
Concen: 88.507 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

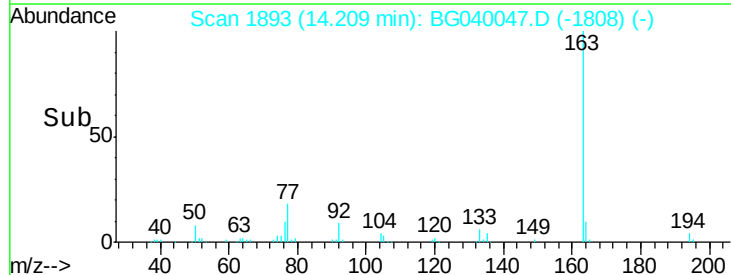
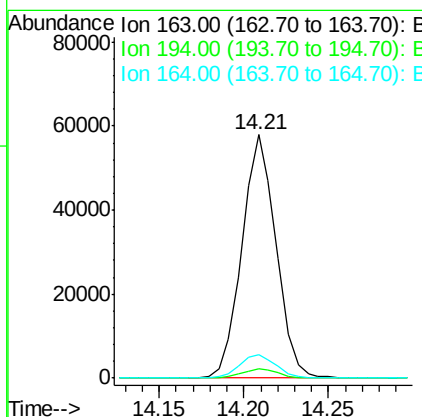
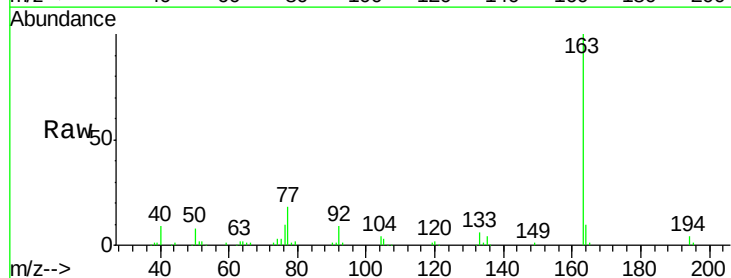
Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

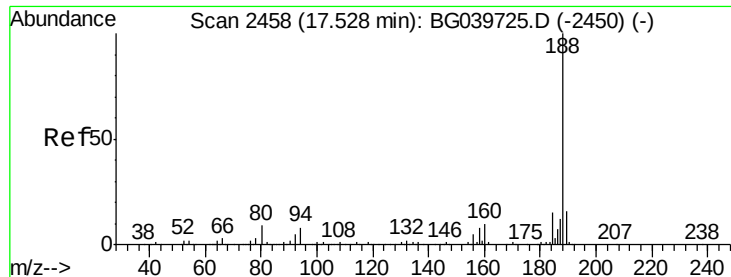
Tgt Ion:172 Resp: 810107
Ion Ratio Lower Upper
172 100
171 38.3 30.8 46.2
170 25.0 20.2 30.4



#50
Dimethylphthalate
Concen: 7.470 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:163 Resp: 81400
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 9.5 8.4 12.6

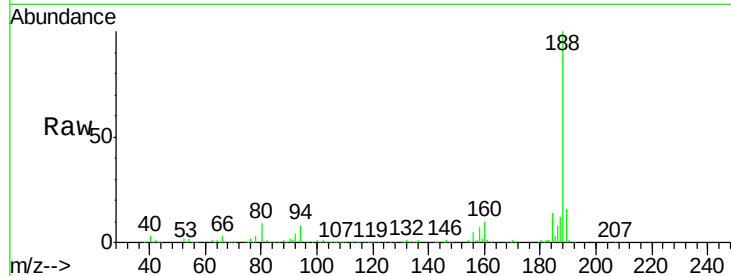




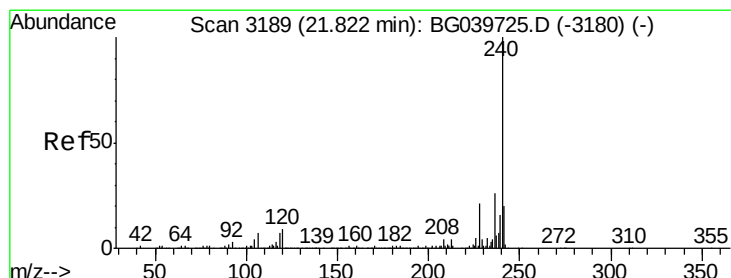
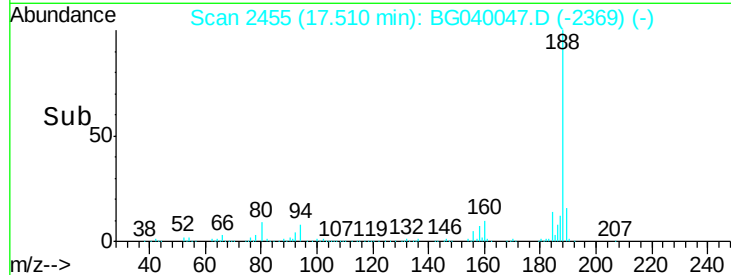
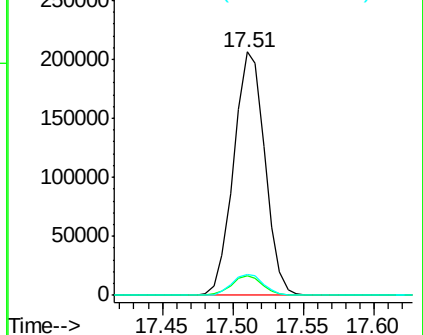
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:188 Resp: 317781
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.6 8.1 12.1

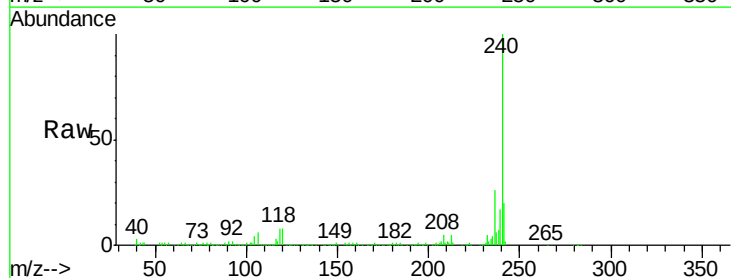


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

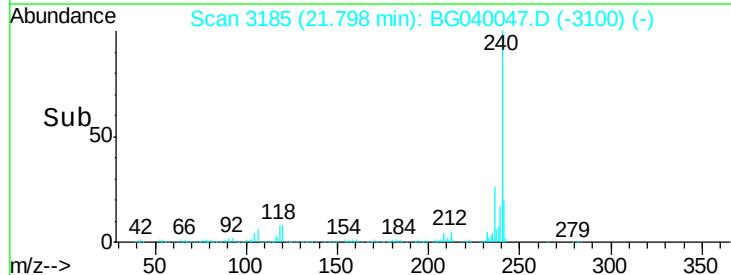
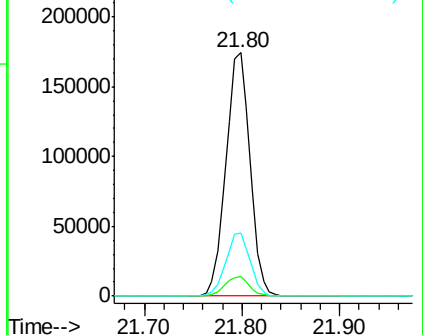


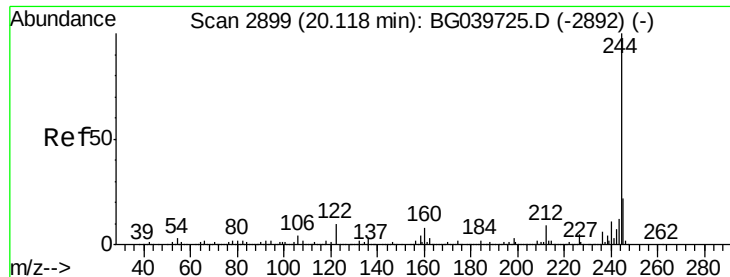
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Tgt Ion:240 Resp: 297921
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
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: 89.637 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040047.D

Acq: 20 Mar 2019 22:25

Instrument :

BNA_G

ClientSampleId :

20190133-LOC-10

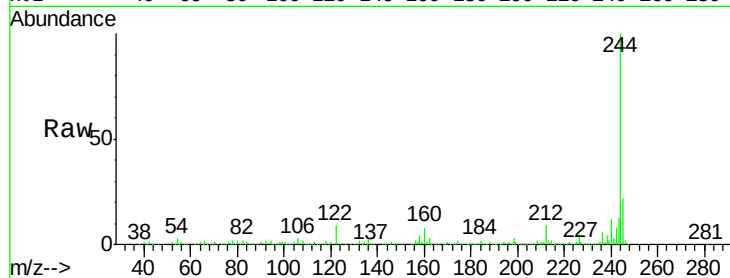
Tgt Ion:244 Resp: 1212857

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

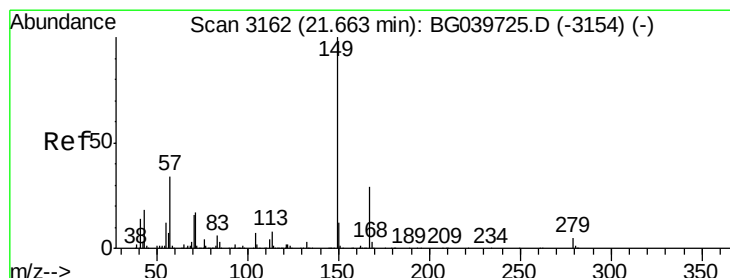
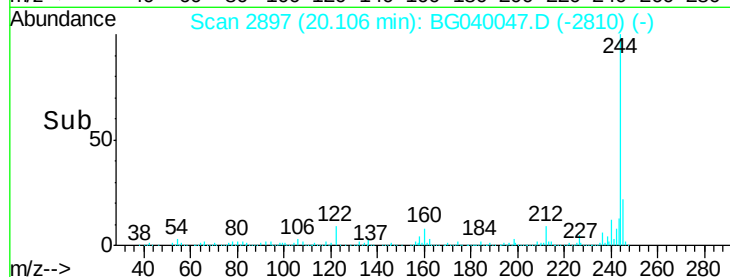
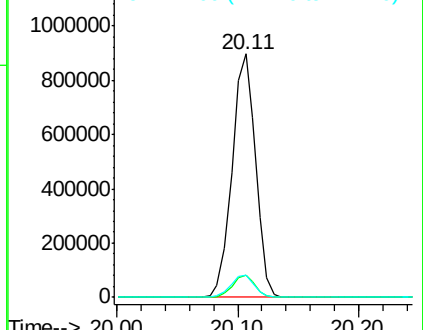
122 9.0 8.4 12.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.518 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040047.D

Acq: 20 Mar 2019 22:25

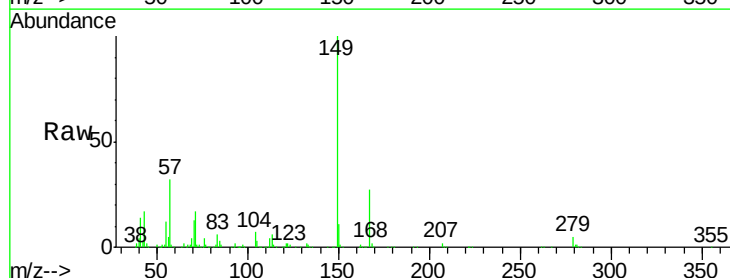
Tgt Ion:149 Resp: 268952

Ion Ratio Lower Upper

149 100

167 26.9 22.6 34.0

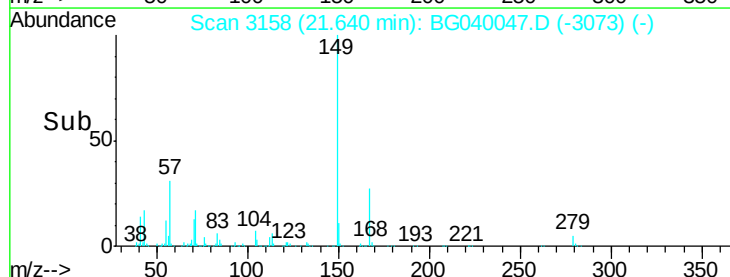
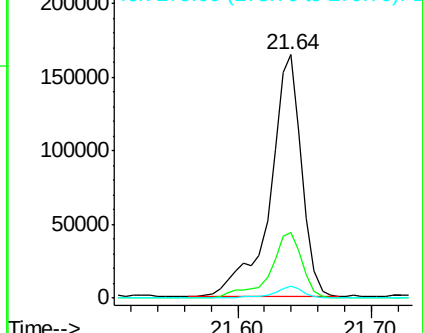
279 4.7 3.5 5.3

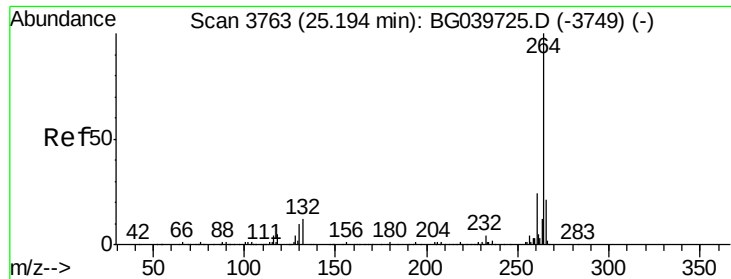


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

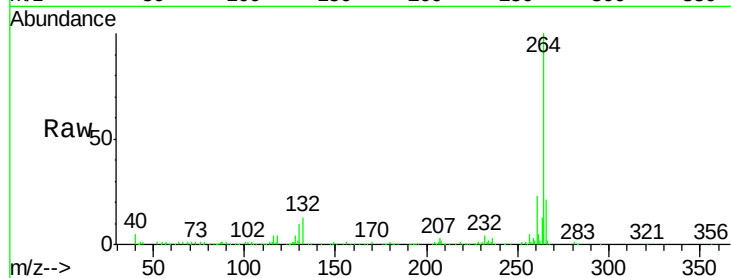




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040047.D
Acq: 20 Mar 2019 22:25

Instrument :
BNA_G
ClientSampleId :
20190133-LOC-10

Tgt Ion:	264	Resp:	297818
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.0	18.5	27.7



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

