

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
 Data File : BG043762.D
 Acq On : 23 Nov 2019 18:58
 Operator : JU
 Sample : K5972-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE

Quant Time: Nov 25 03:10:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

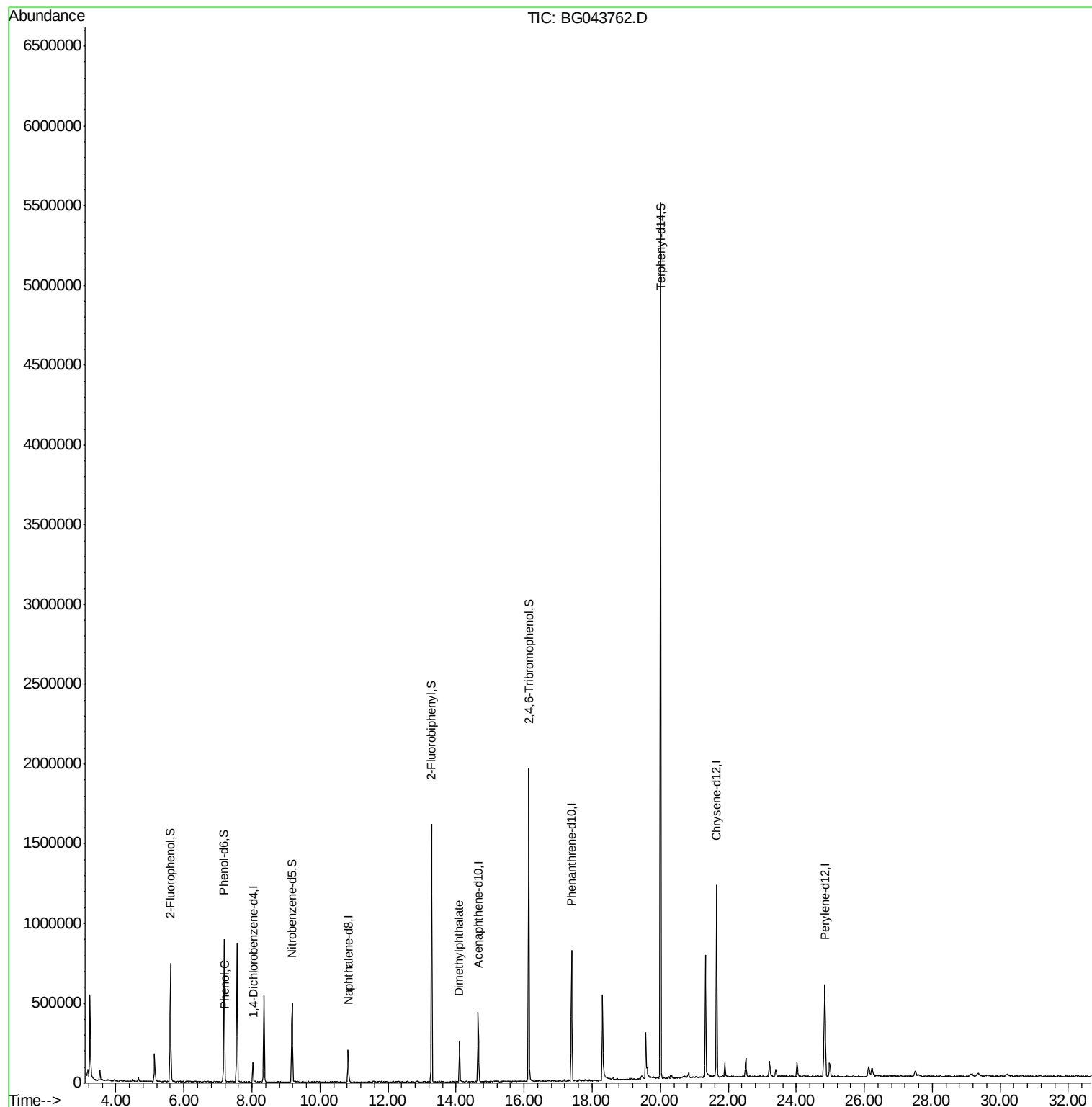
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36555	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	180222	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	156721	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	503823	20.00	ng	0.00
76) Chrysene-d12	21.65	240	668726	20.00	ng	-0.01
87) Perylene-d12	24.84	264	592343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	361409	177.74	ng	0.00
7) Phenol-d6	7.18	99	537938	181.99	ng	0.00
23) Nitrobenzene-d5	9.18	82	305107	93.08	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	354321	187.44	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	871806	91.44	ng	0.00
79) Terphenyl-d14	20.01	244	2483825	83.93	ng	0.00
Target Compounds						
10) Phenol	7.21	94	12242	4.034	ng	89
50) Dimethylphthalate	14.10	163	174734	14.075	ng	100

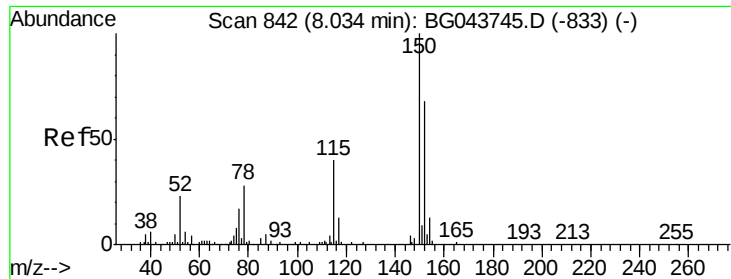
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043762.D
Acq On : 23 Nov 2019 18:58
Operator : JU
Sample : K5972-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE

Quant Time: Nov 25 03:10:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration



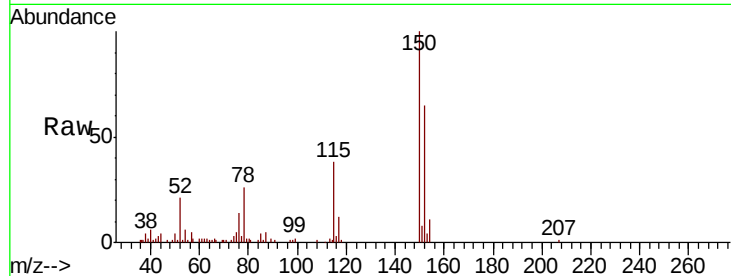


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	117.8	176.8
115	57.7	47.0	70.4

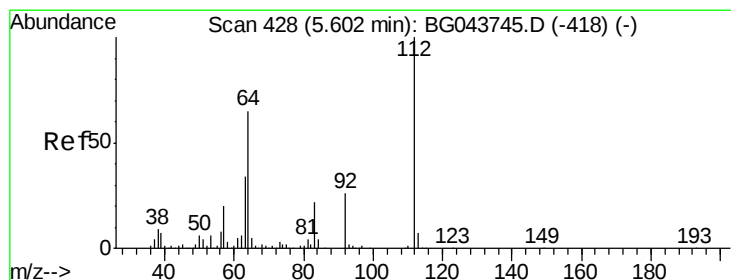
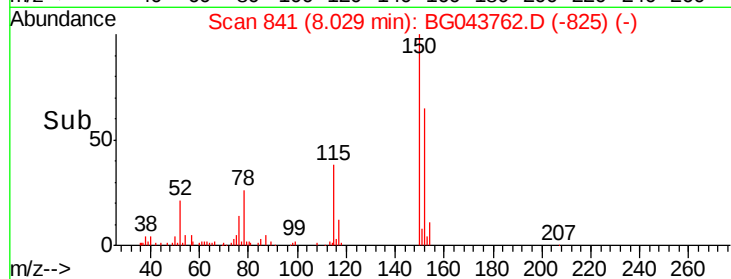
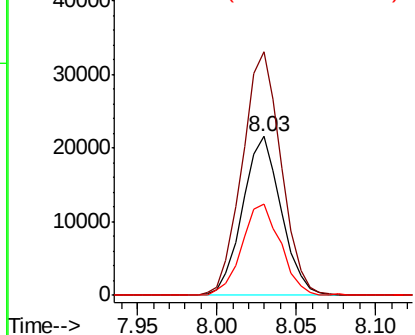


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

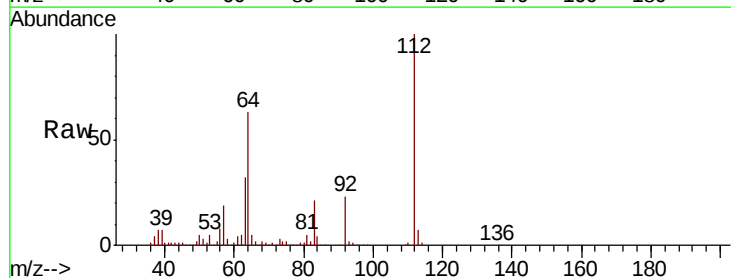
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 177.741 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.7	77.5
63	31.8	26.8	40.2

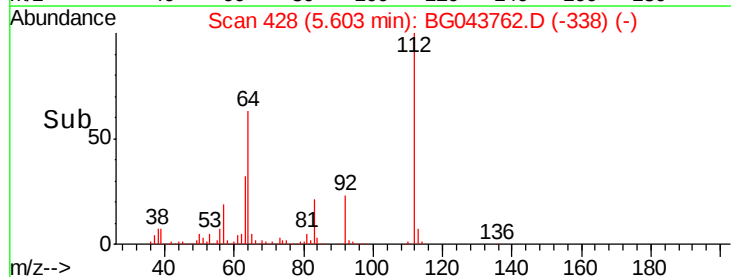
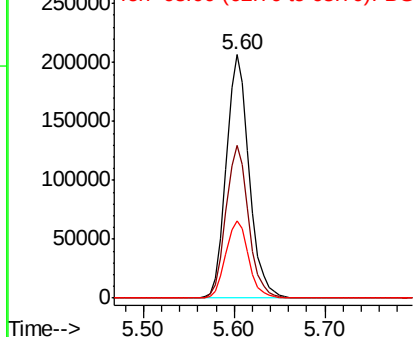


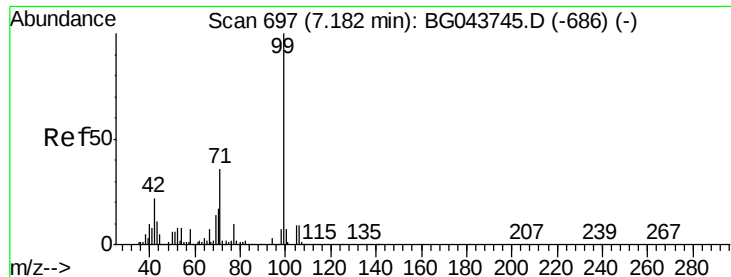
Abundance

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: 181.994 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG043762.D

Acq: 23 Nov 2019 18:58

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE

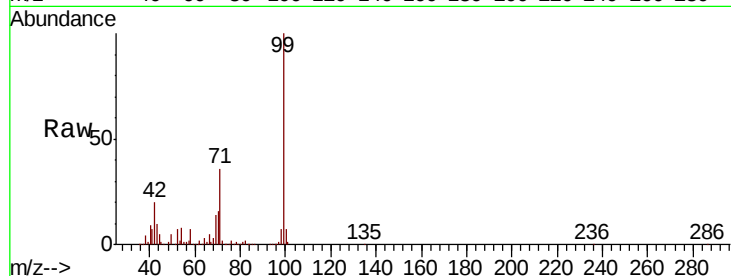
Tot Ion: 99 Resp: 537938

Ion Ratio Lower Upper

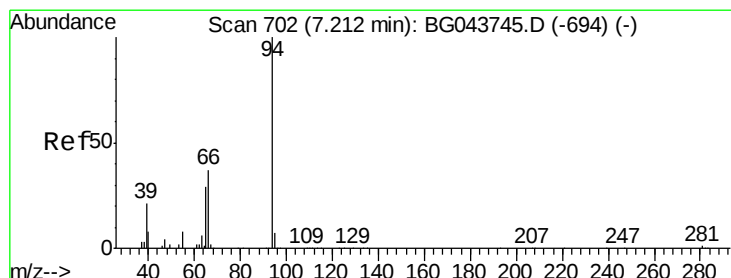
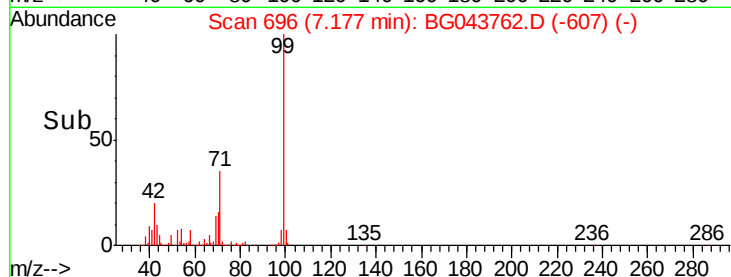
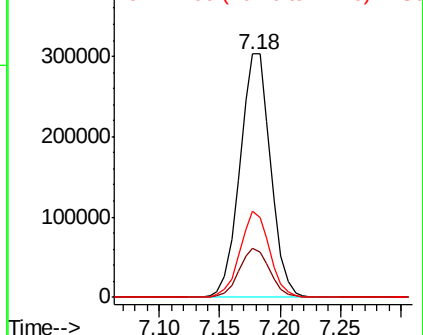
99 100

42 20.4 17.4 26.0

71 35.6 29.5 44.3



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



#10

Phenol

Concen: 4.034 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043762.D

Acq: 23 Nov 2019 18:58

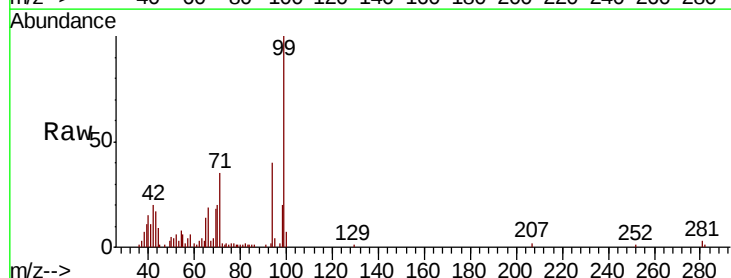
Tgt Ion: 94 Resp: 12242

Ion Ratio Lower Upper

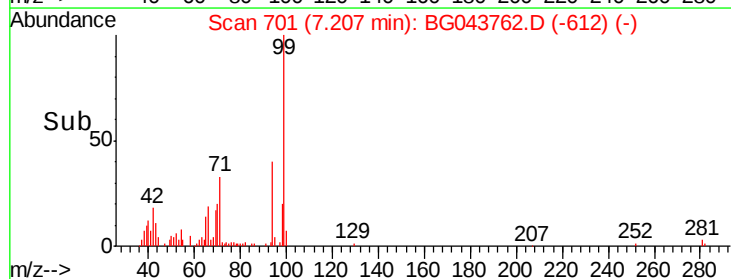
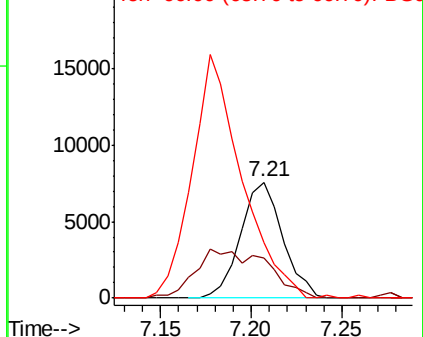
94 100

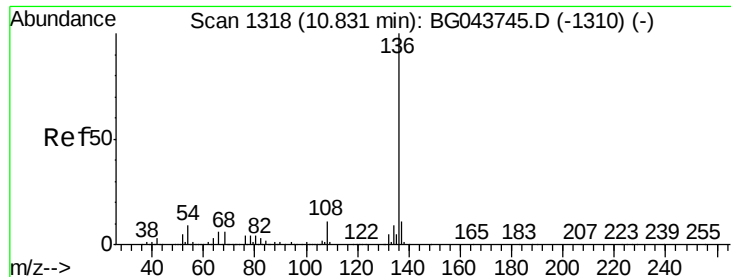
65 34.7 10.3 50.3

66 48.3 20.5 60.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG043762.D

Acq: 23 Nov 2019 18:58

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE

Tot Ion:136 Resp: 180222

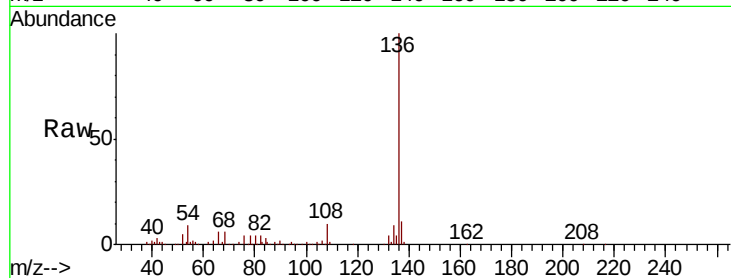
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 9.1 7.5 11.3

68 6.5 4.9 7.3

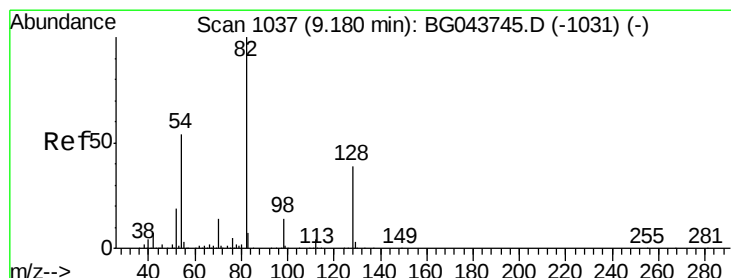
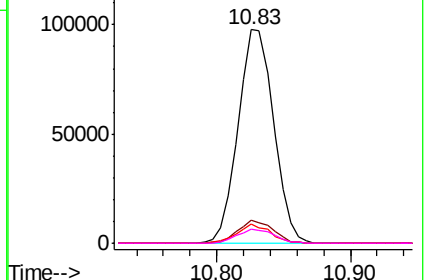
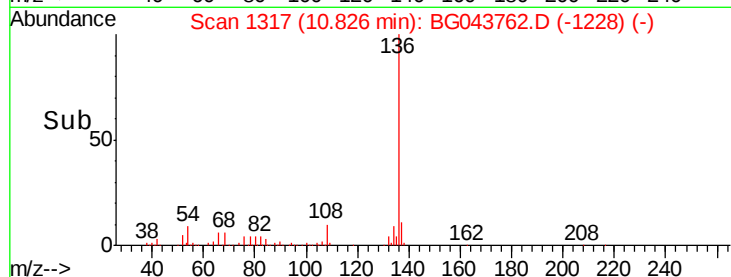


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.083 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BG043762.D

Acq: 23 Nov 2019 18:58

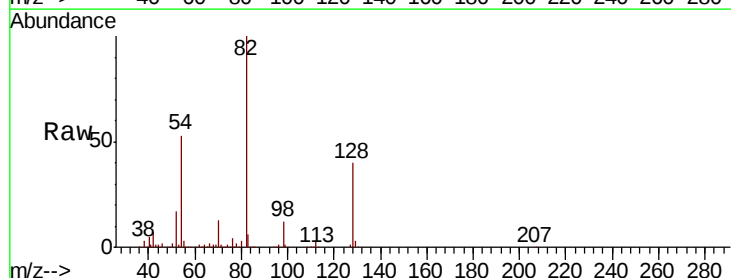
Tgt Ion: 82 Resp: 305107

Ion Ratio Lower Upper

82 100

128 40.3 31.3 46.9

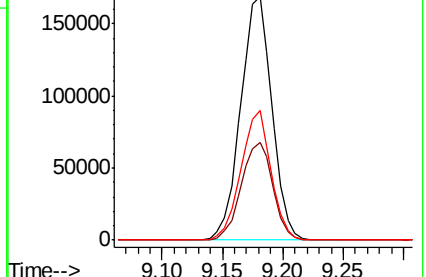
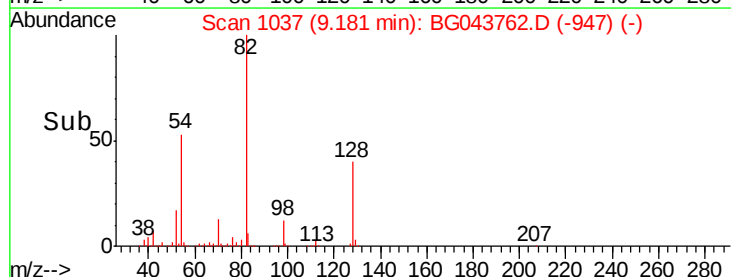
54 53.5 42.7 64.1

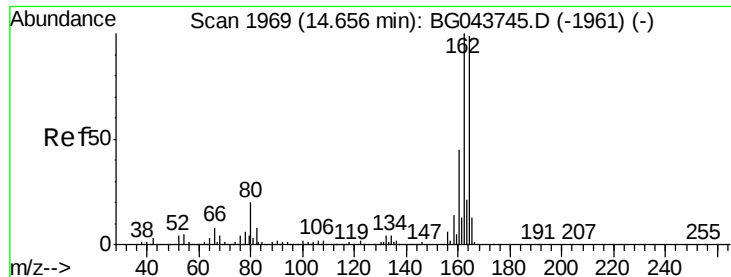


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG043762.D

Acq: 23 Nov 2019 18:58

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE

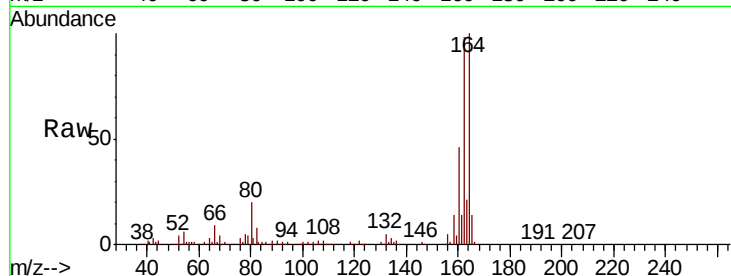
Tot Ion:164 Resp: 156721

Ion Ratio Lower Upper

164 100

162 97.6 80.6 121.0

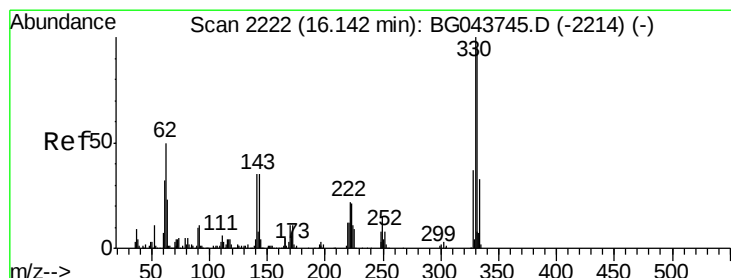
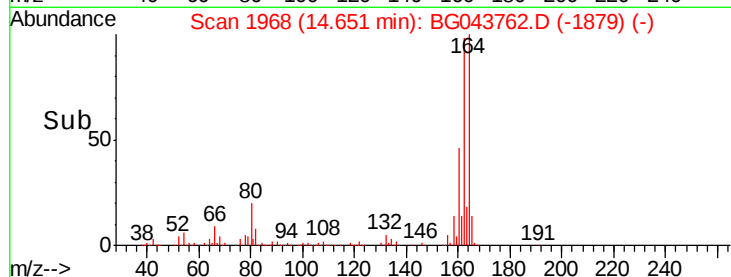
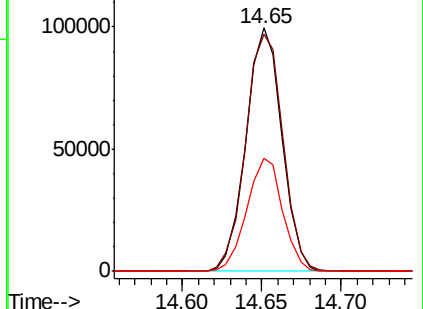
160 46.3 36.3 54.5



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: 187.442 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043762.D

Acq: 23 Nov 2019 18:58

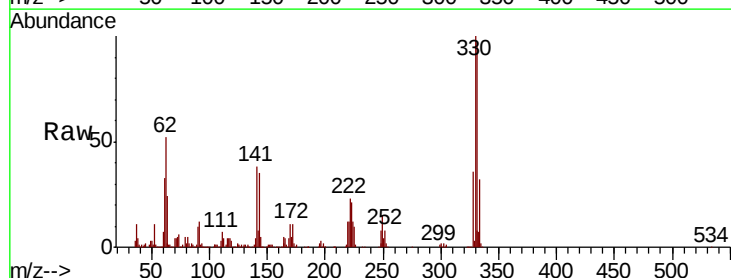
Tgt Ion:330 Resp: 354321

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

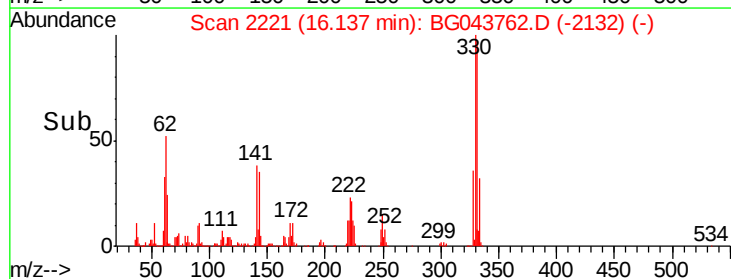
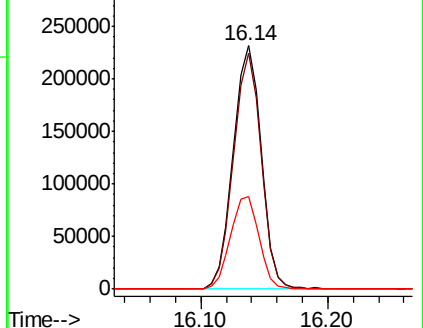
141 39.0 31.4 47.2

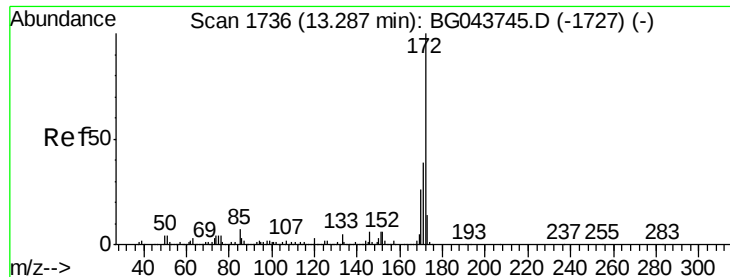


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

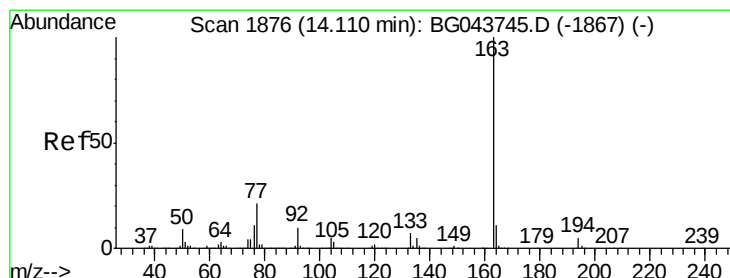
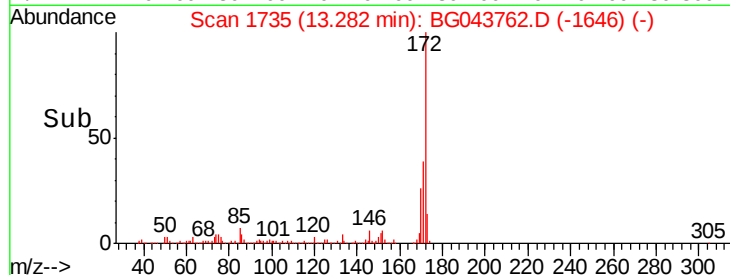
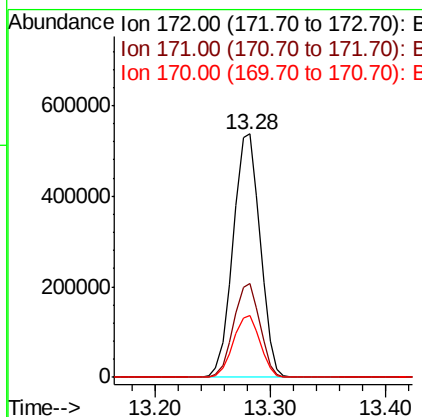
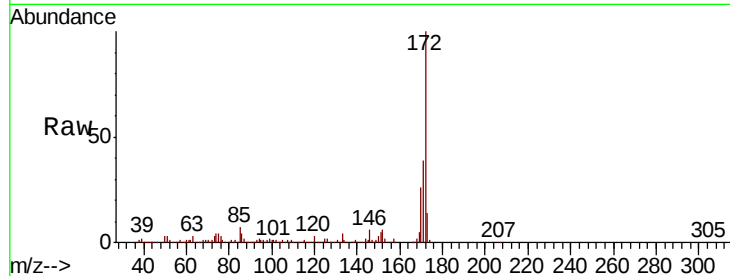




#45
2-Fluorobiphenyl
Concen: 91.441 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

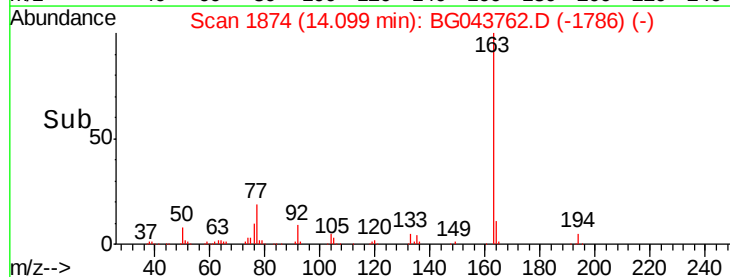
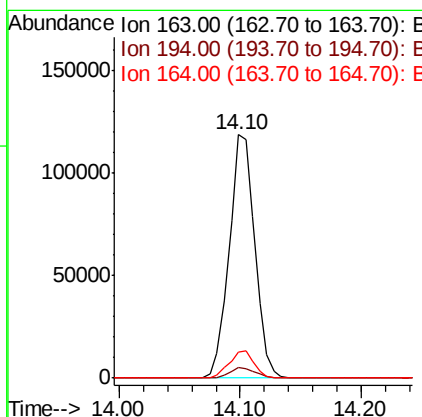
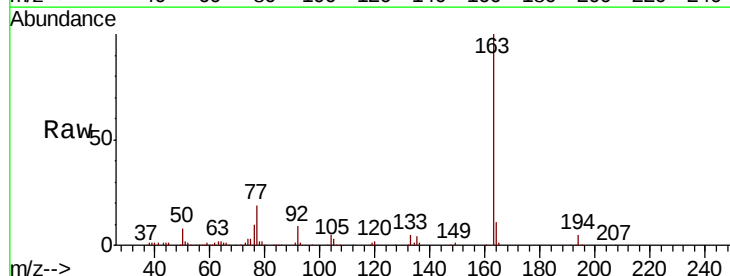
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE

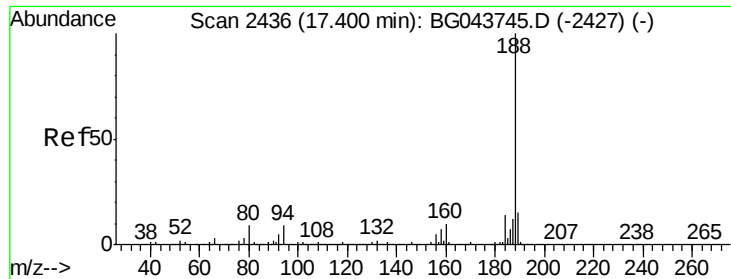
Tot Ion:172 Resp: 871806
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.6
170 25.6 21.0 31.4



#50
Dimethylphthalate
Concen: 14.075 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:163 Resp: 174734
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 10.6 8.7 13.1

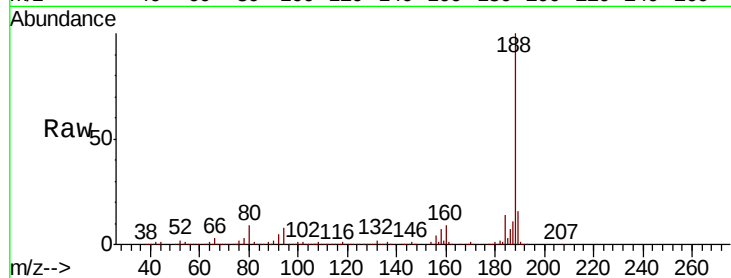




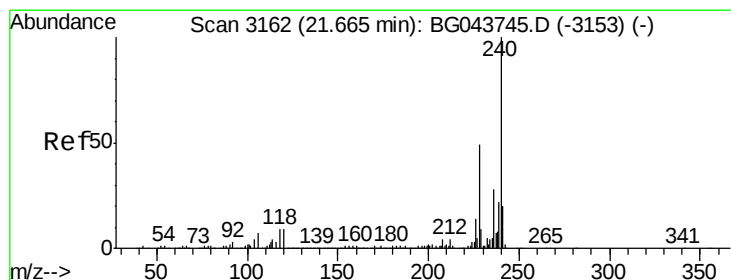
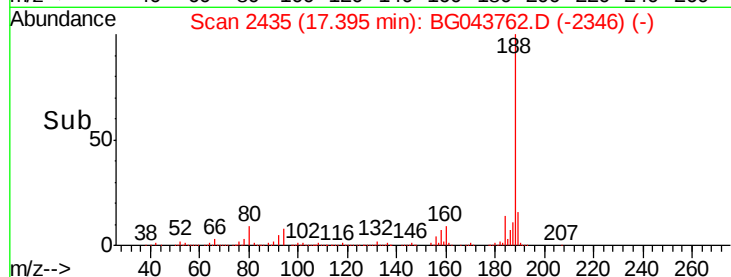
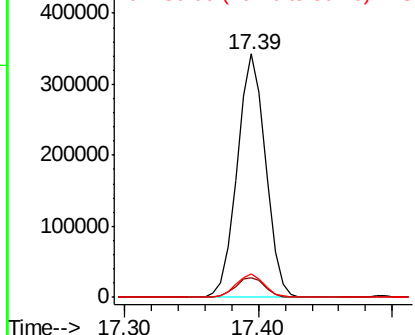
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE

Tot Ion:188 Resp: 503823
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.4 7.5 11.3

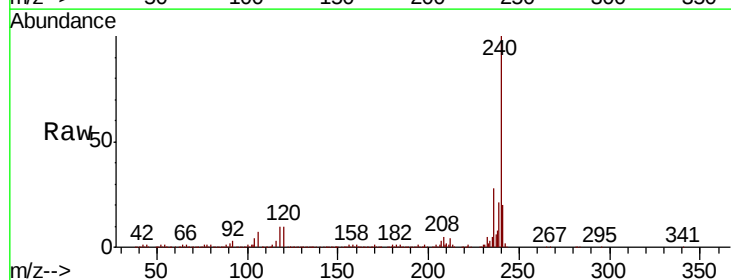


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

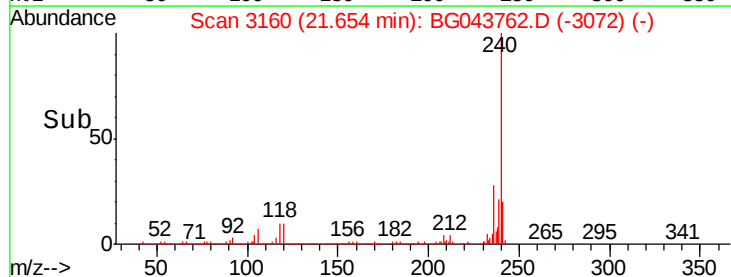
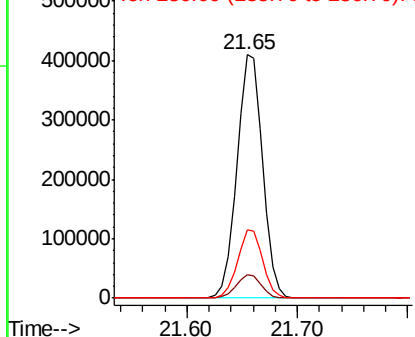


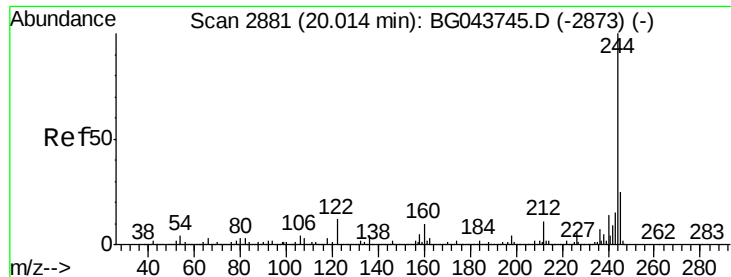
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043762.D
Acq: 23 Nov 2019 18:58

Tgt Ion:240 Resp: 668726
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 27.9 22.6 34.0



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: 83.929 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG043762.D

Acq: 23 Nov 2019 18:58

Instrument :

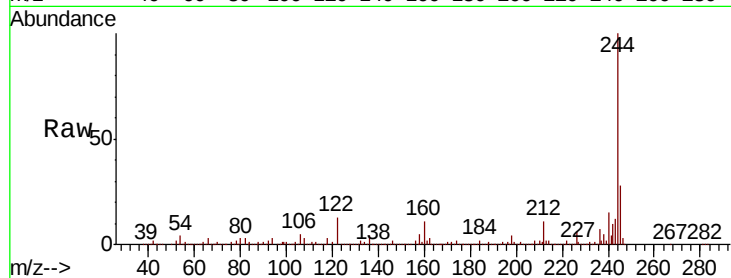
BNA_G

ClientSampleId :

SOIL-PILE

Tot Ion:244 Resp: 2483825

Ion	Ratio	Lower	Upper
244	100		
212	11.1	8.5	12.7
122	13.0	9.5	14.3

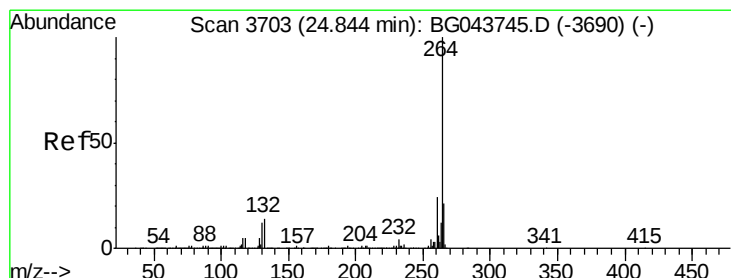
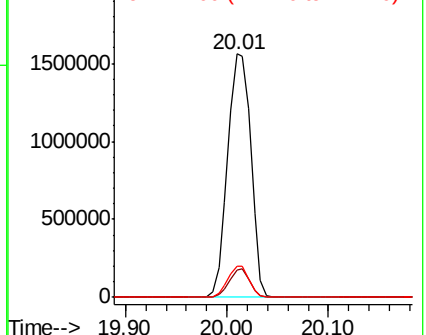
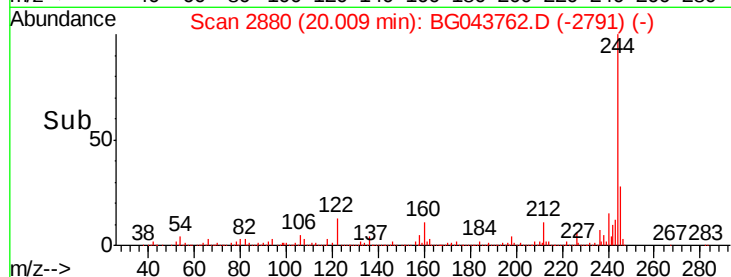


Abundance

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: 24.84 min Scan# 3702

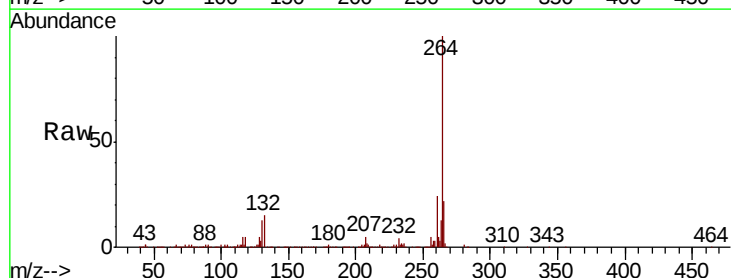
Delta R.T. -0.01 min

Lab File: BG043762.D

Acq: 23 Nov 2019 18:58

Tgt Ion:264 Resp: 592343

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	17.0	25.6



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

