

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045132.D
 Acq On : 22 Apr 2020 18:48
 Operator : CG/JU
 Sample : L2350-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

Quant Time: Apr 23 04:41:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

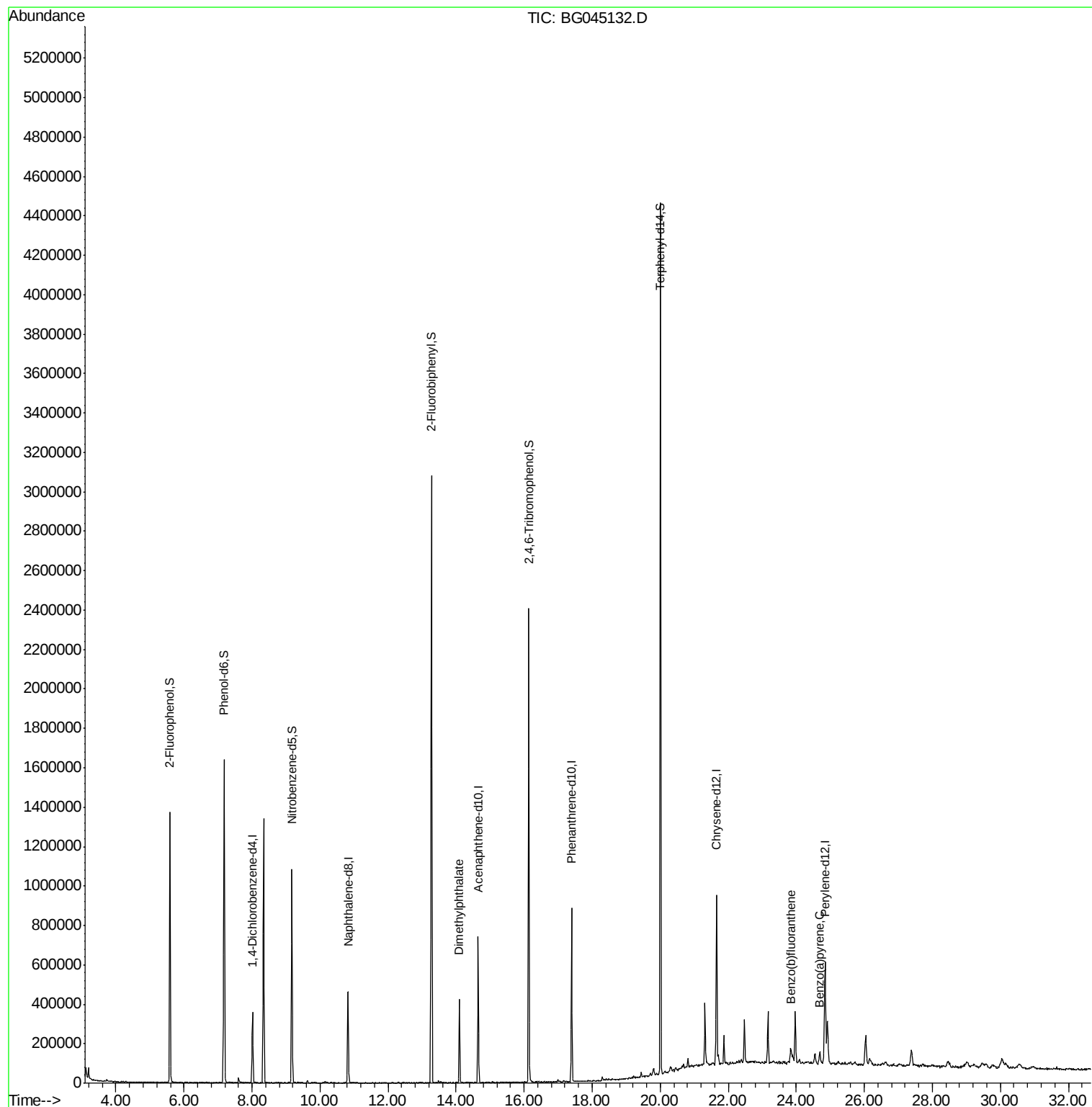
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	102853	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	421034	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	277043	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	565578	20.00	ng	0.00
76) Chrysene-d12	21.66	240	530076	20.00	ng	0.00
87) Perylene-d12	24.85	264	571195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	664187	106.61	ng	0.00
7) Phenol-d6	7.18	99	1045087	112.91	ng	0.00
23) Nitrobenzene-d5	9.17	82	731982	79.33	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	481272	112.45	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1658478	87.78	ng	0.00
79) Terphenyl-d14	20.01	244	2148524	88.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	289580	12.837	ng	100
88) Benzo(b)fluoranthene	23.84	252	97455	2.724	ng	96
90) Benzo(a)pyrene	24.69	252	70016	2.073	ng	97

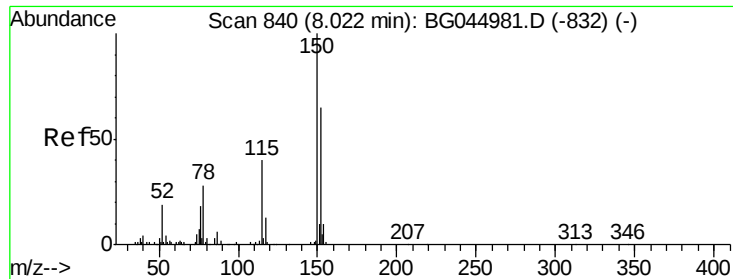
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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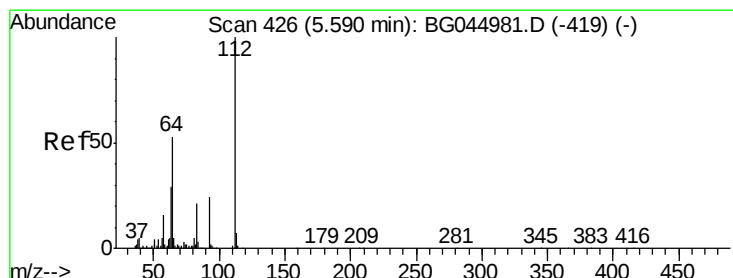
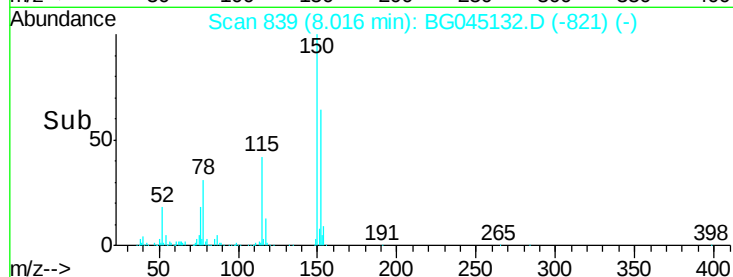
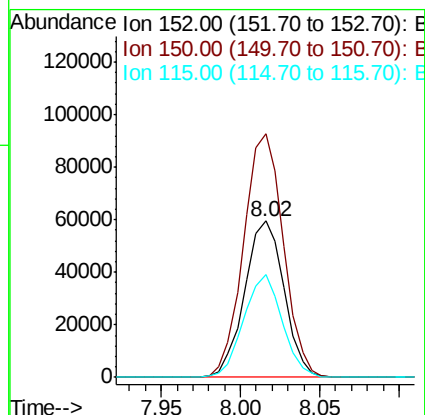
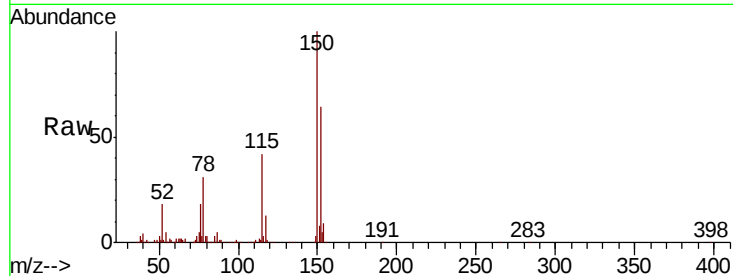


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Instrument :
BNA_G
ClientSampleId :
TP-5-S

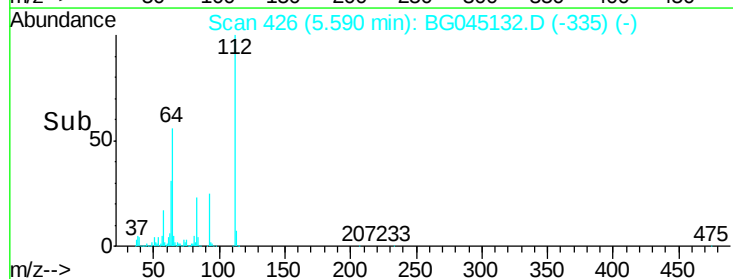
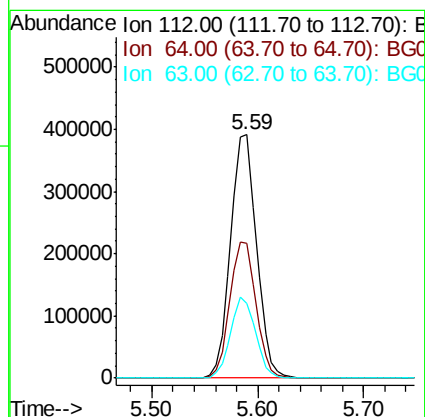
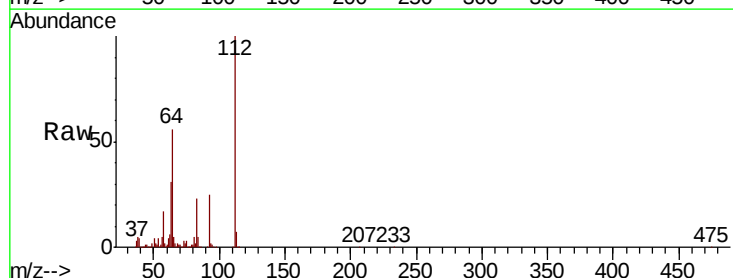
Tot Ion:152 Resp: 102853
Ion Ratio Lower Upper
152 100
150 156.1 123.6 185.4
115 66.1 49.1 73.7



#5

2-Fluorophenol
Concen: 106.612 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Tgt Ion:112 Resp: 664187
Ion Ratio Lower Upper
112 100
64 55.6 42.4 63.6
63 30.9 23.1 34.7





#7

Phenol-d6

Concen: 112.907 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

Instrument :

BNA_G

ClientSampleId :

TP-5-S

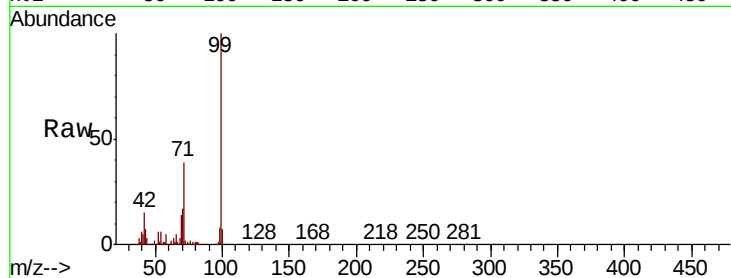
Tot Ion: 99 Resp: 1045087

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	39.4	28.3	42.5

99 100

42 14.8 11.3 16.9

71 39.4 28.3 42.5

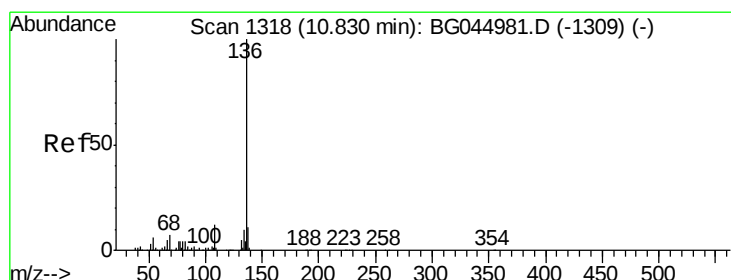
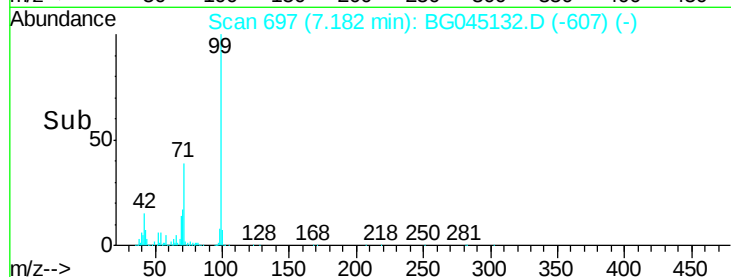
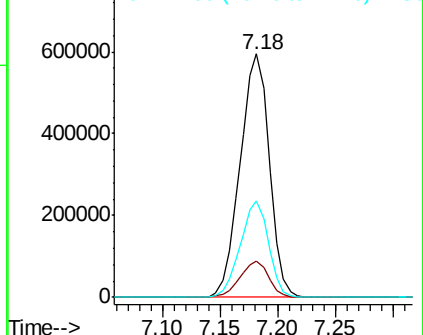


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

Tgt Ion: 136 Resp: 421034

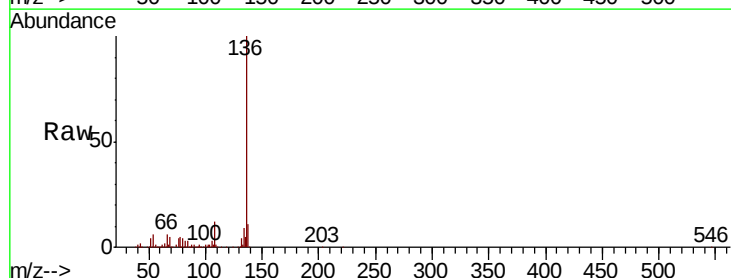
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.4	4.8	7.2
68	5.4	5.2	7.8

136 100

137 11.0 8.6 13.0

54 6.4 4.8 7.2

68 5.4 5.2 7.8



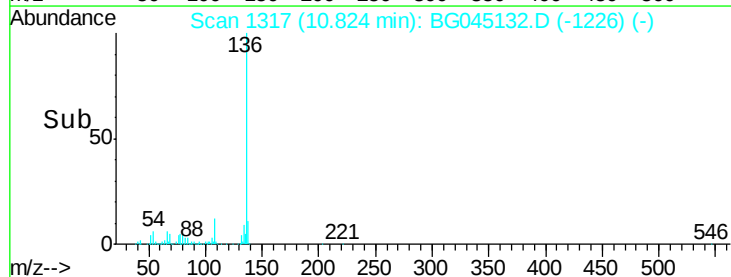
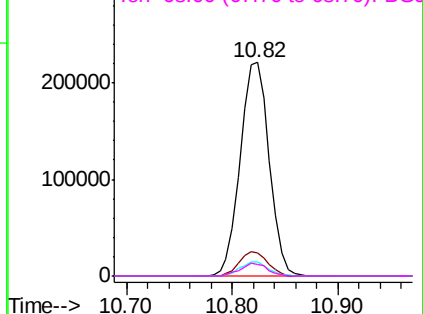
Abundance

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

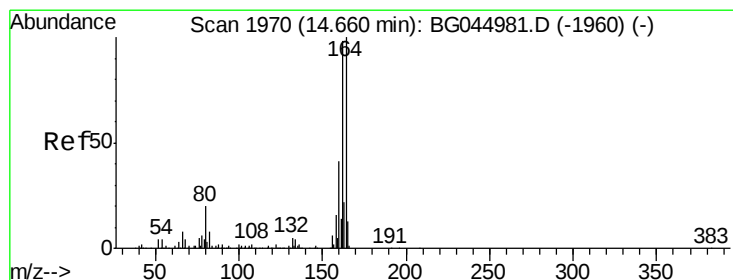
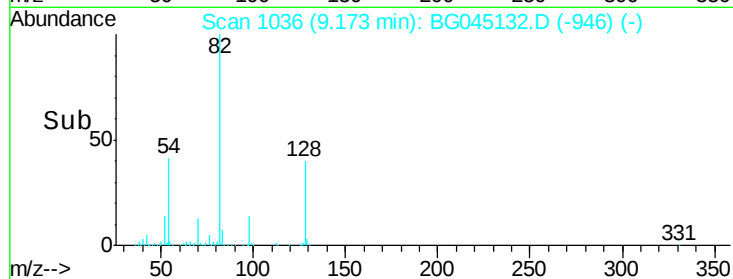
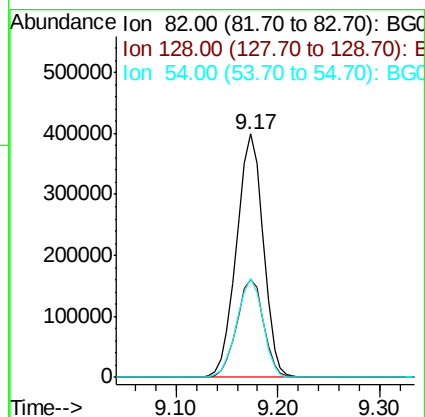
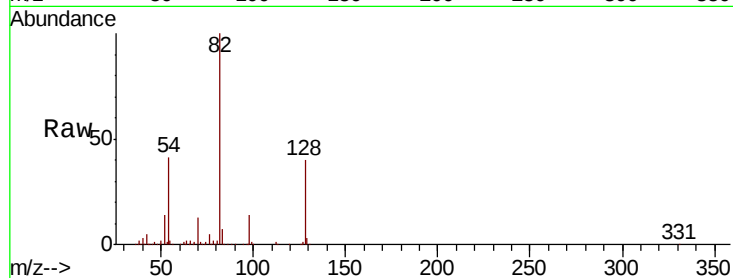




#23
 Nitrobenzene-d5
 Concen: 79.327 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045132.D
 Acq: 22 Apr 2020 18:48

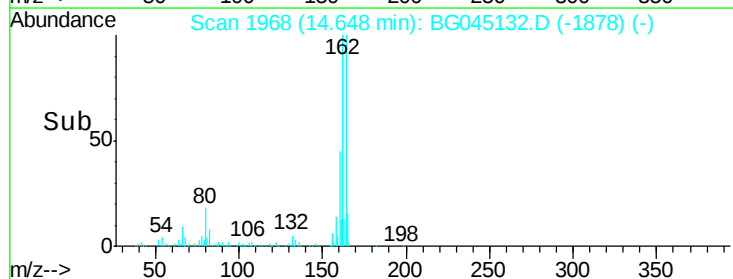
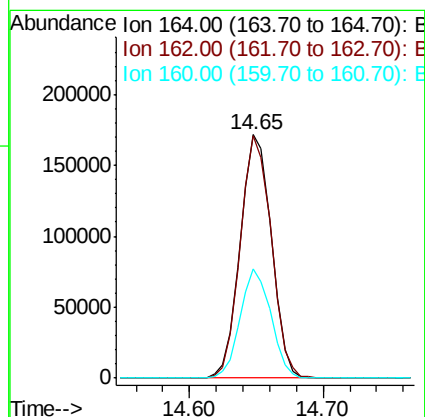
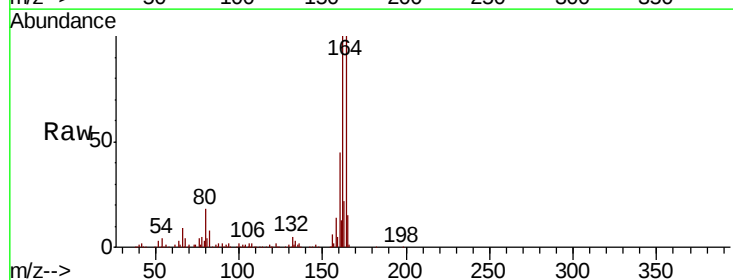
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

Tot Ion: 82 Resp: 731982
 Ion Ratio Lower Upper
 82 100
 128 40.0 33.0 49.4
 54 40.5 30.4 45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG045132.D
 Acq: 22 Apr 2020 18:48

Tgt Ion: 164 Resp: 277043
 Ion Ratio Lower Upper
 164 100
 162 99.7 78.7 118.1
 160 44.7 32.8 49.2

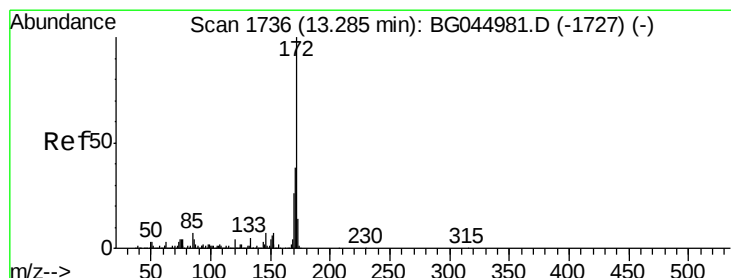
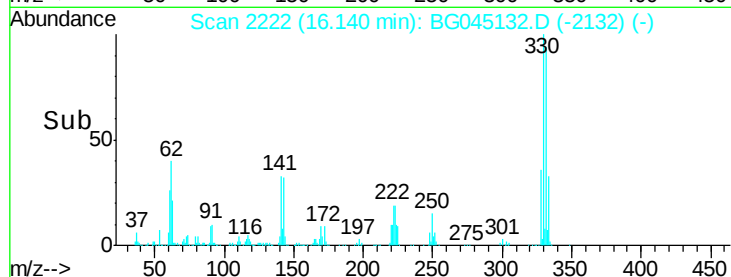
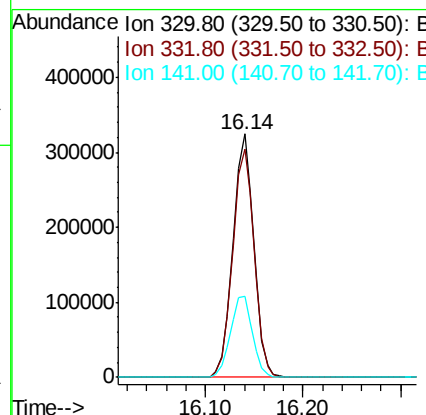
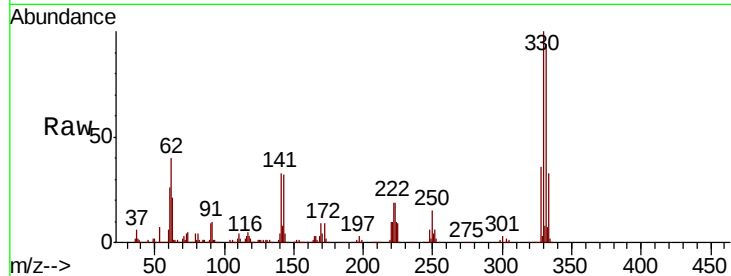




#42
 2,4,6-Tribromophenol
 Concen: 112.448 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045132.D
 Acq: 22 Apr 2020 18:48

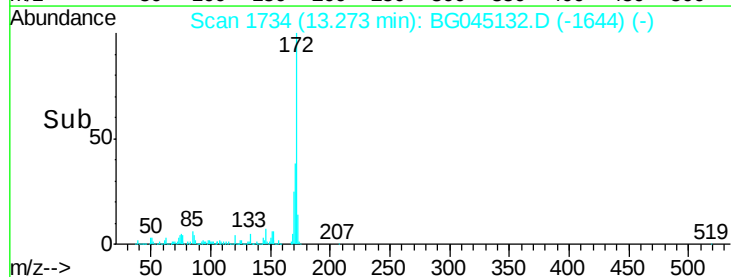
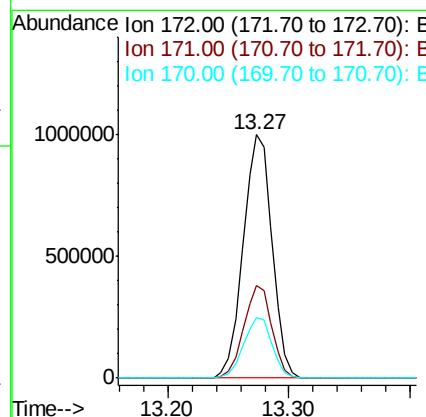
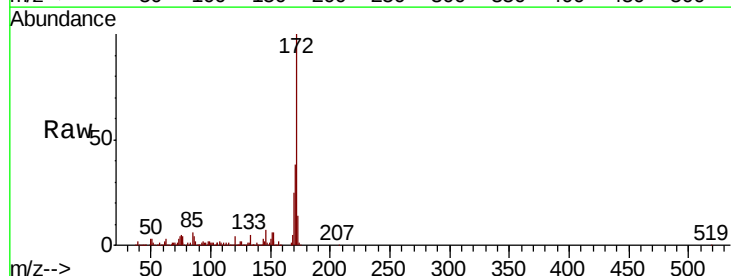
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-S

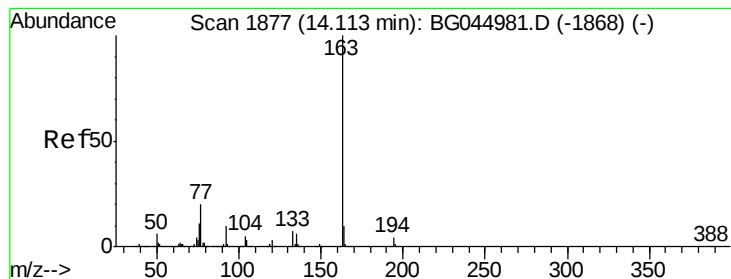
Tot Ion:330 Resp: 481272
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.1 118.7
 141 35.3 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 87.779 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG045132.D
 Acq: 22 Apr 2020 18:48

Tgt Ion:172 Resp: 1658478
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.6 46.0
 170 24.7 20.5 30.7





#50

Dimethylphthalate

Concen: 12.837 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

Instrument :

BNA_G

ClientSampleId :

TP-5-S

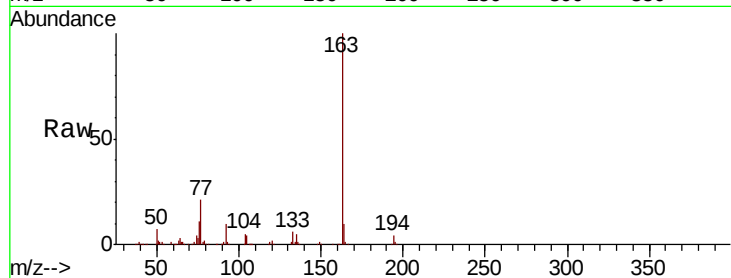
Tot Ion:163 Resp: 289580

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

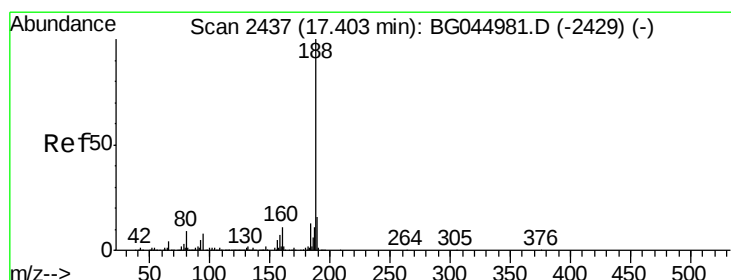
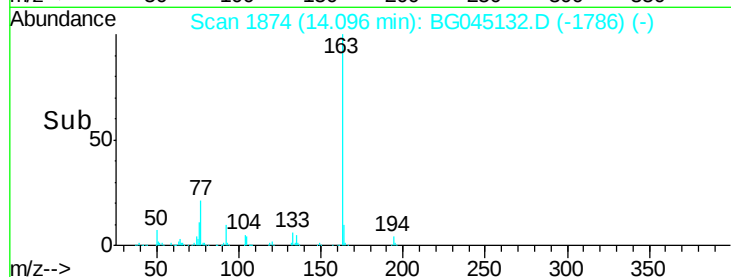
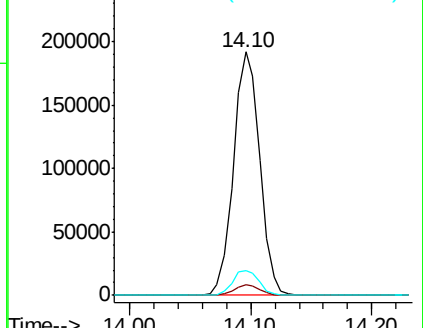
164 10.2 8.2 12.4



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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

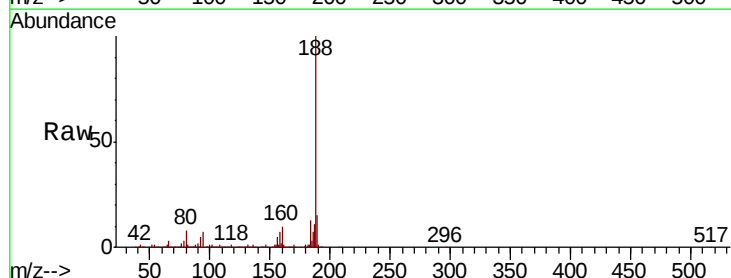
Tgt Ion:188 Resp: 565578

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

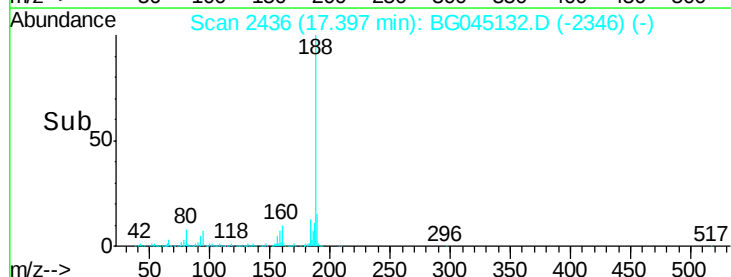
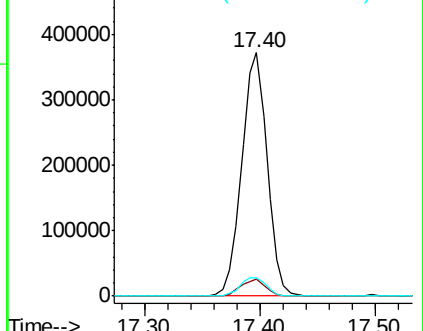
80 7.8 7.0 10.6



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

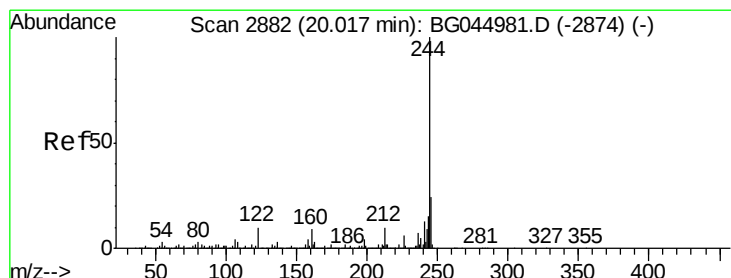
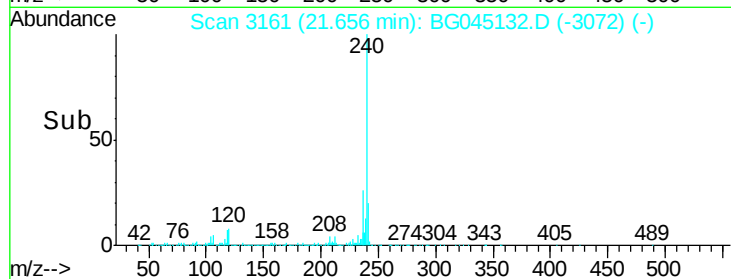
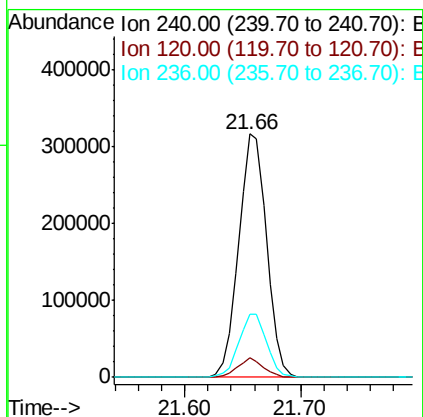
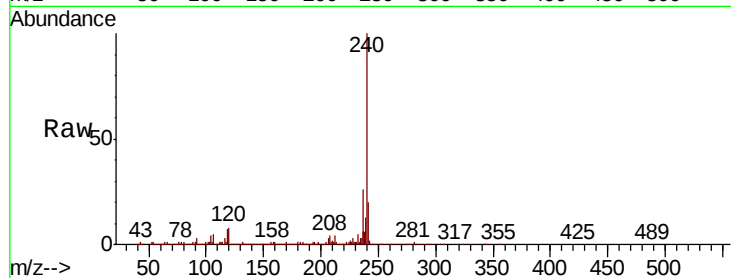




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

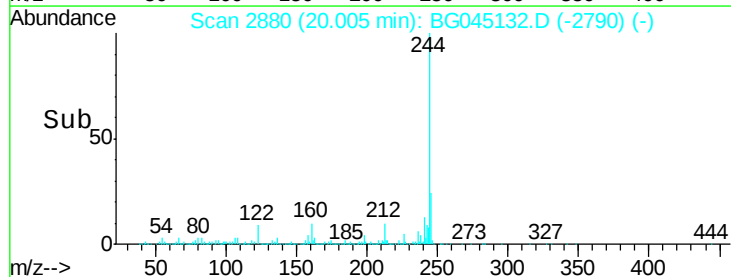
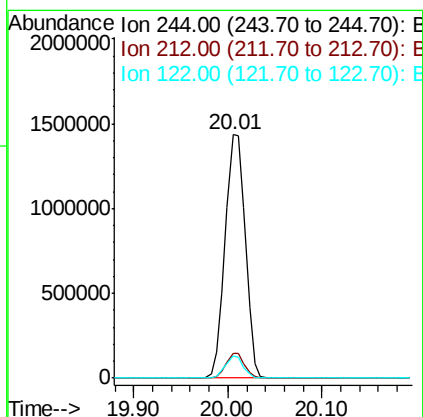
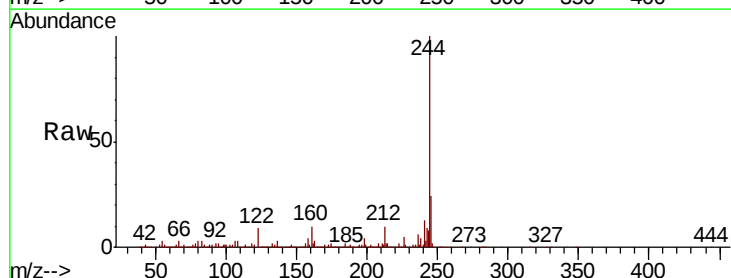
Instrument :
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TP-5-S

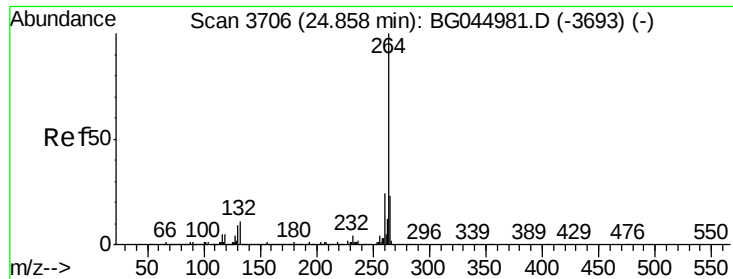
Tot Ion:240 Resp: 530076
Ion Ratio Lower Upper
240 100
120 7.9 6.6 10.0
236 26.1 22.2 33.2



#79
Terphenyl-d14
Concen: 88.343 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Tgt Ion:244 Resp: 2148524
Ion Ratio Lower Upper
244 100
212 9.9 7.9 11.9
122 9.3 7.7 11.5



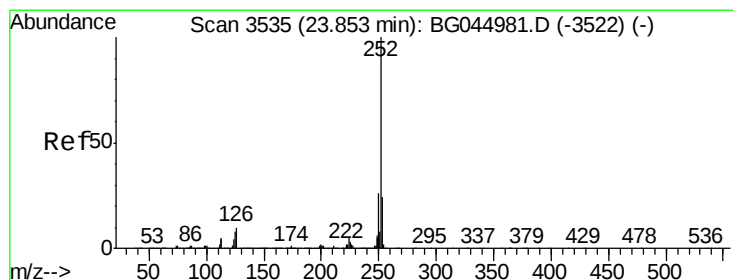
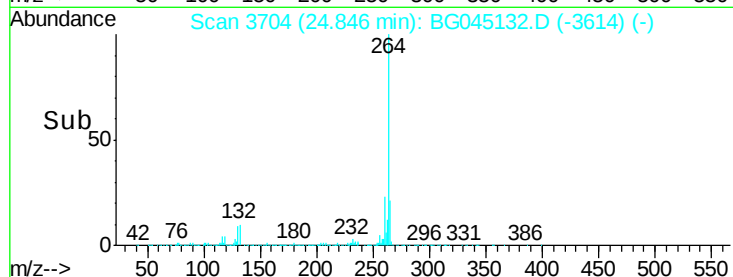
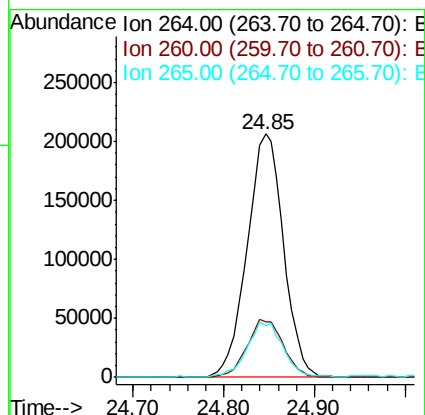
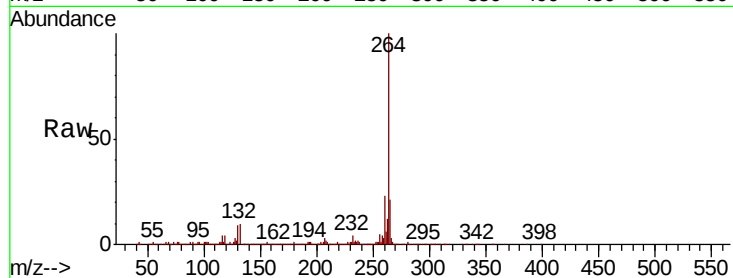


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Instrument :
BNA_G
ClientSampleId :
TP-5-S

Tot Ion:264 Resp: 571195

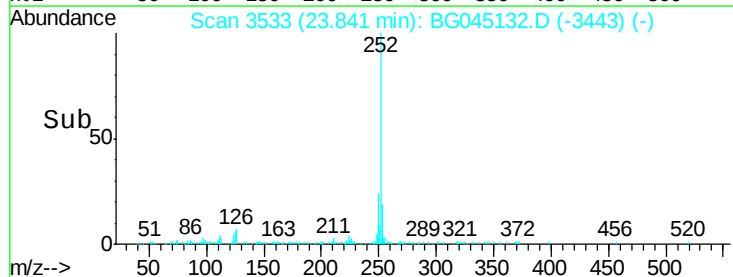
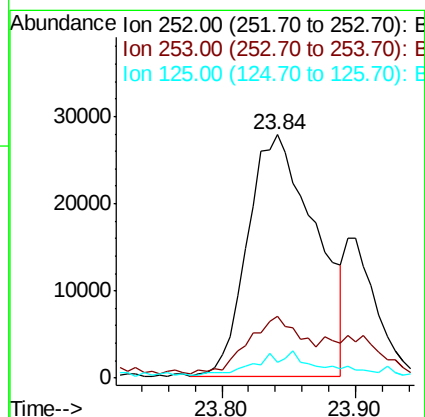
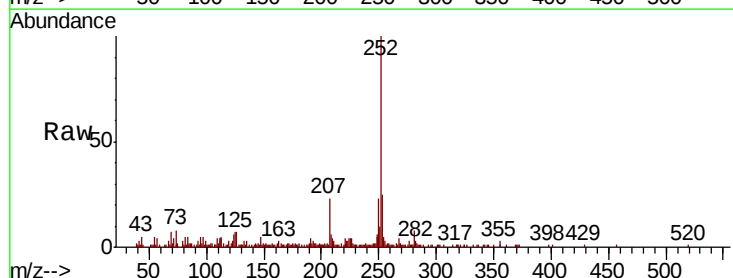
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	19.0	28.4

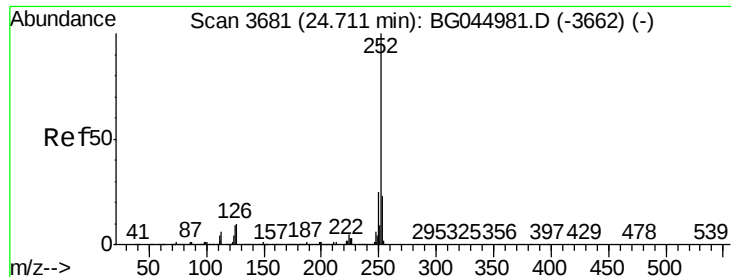


#88
Benzo(b)fluoranthene
Concen: 2.724 ng
RT: 23.84 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Tgt Ion:252 Resp: 97455

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.8	28.2
125	6.6	6.2	9.4





#90

Benzo(a)pyrene

Concen: 2.073 ng

RT: 24.69 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

Instrument :

BNA_G

ClientSampleId :

TP-5-S

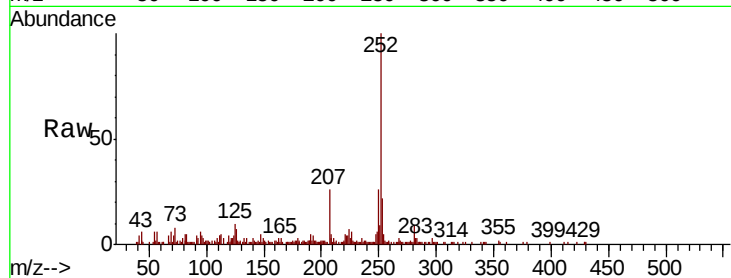
Tot Ion:252 Resp: 70016

Ion Ratio Lower Upper

252 100

253 21.8 18.3 27.5

125 10.4 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

