

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 :

Quant Time: Apr 23 02:18:27 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

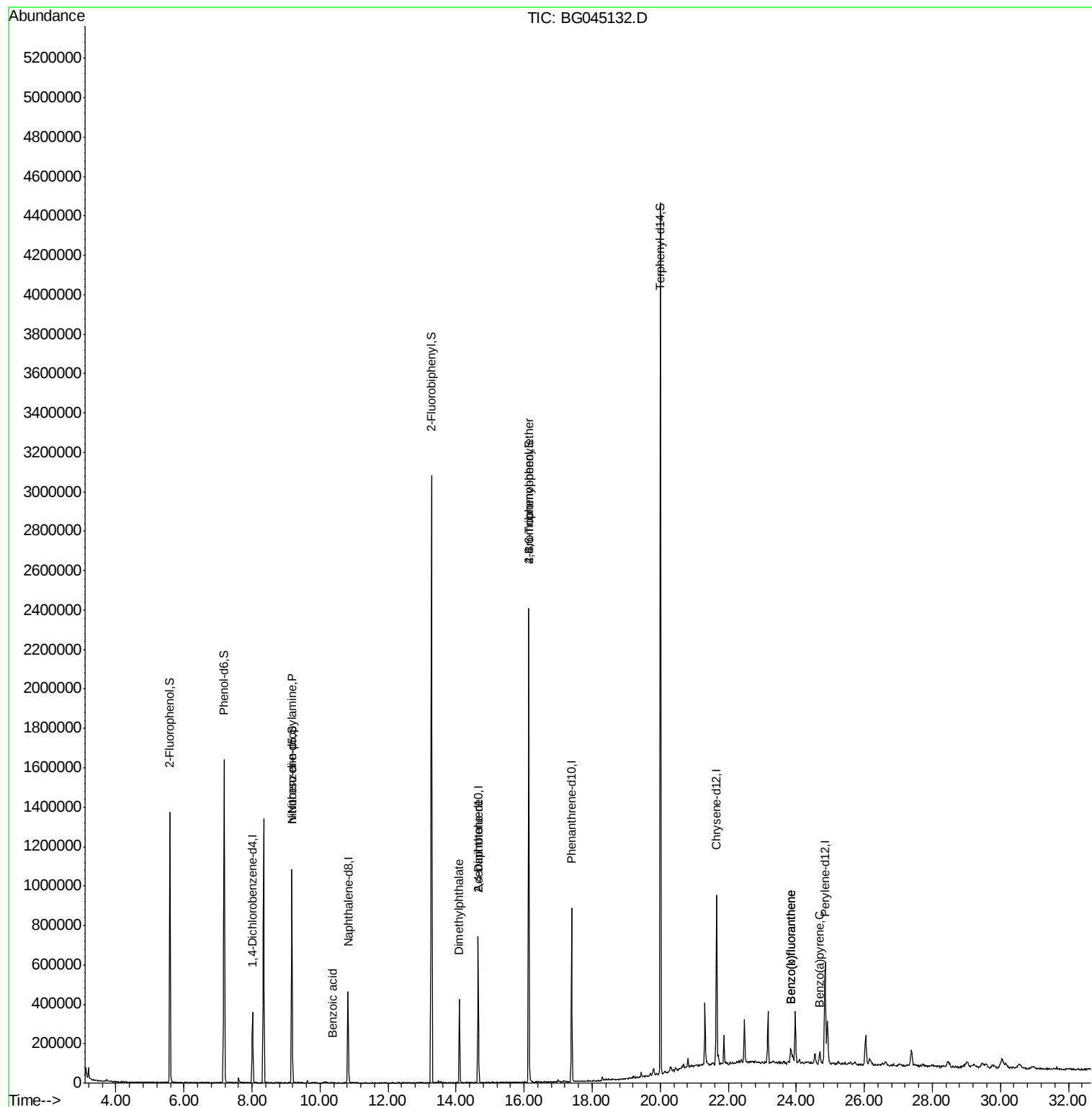
						Qvalue
9) Benzaldehyde	7.13	77	94	Below Cal	#	46
19) n-Nitroso-di-n-propylamine	9.17	70	99699	15.231 ng	#	81
32) Benzoic acid	10.37	122	161	6.400 ng	#	1
50) Dimethylphthalate	14.10	163	289580	12.837 ng		100
57) 2,4-Dinitrotoluene	14.65	165	38299	5.194 ng	#	21
67) 4-Bromophenyl-phenylether	16.14	248	32343	4.433 ng	#	1
69) Atrazine	17.01	200	55	Below Cal	#	10
74) Di-n-butylphthalate	18.36	149	1029	Below Cal	#	76
75) Fluoranthene	19.44	202	17194	Below Cal		97
77) Benzidine	20.01	184	43002	Below Cal	#	88
88) Benzo(b)fluoranthene	23.84	252	97455	2.724 ng		96
89) Benzo(k)fluoranthene	23.84	252	97455	2.864 ng		97
90) Benzo(a)pyrene	24.69	252	70016	2.073 ng		97

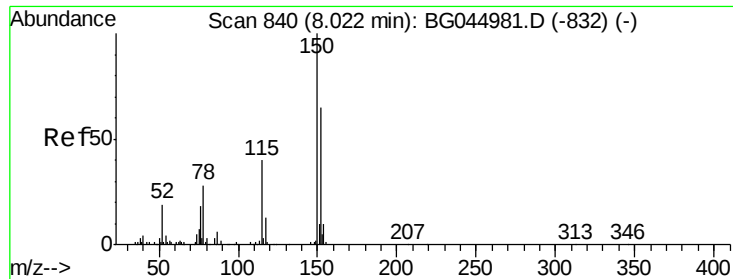
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

Quant Time: Apr 23 02:18:27 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



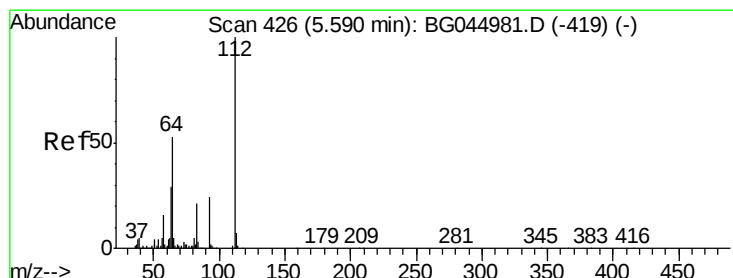
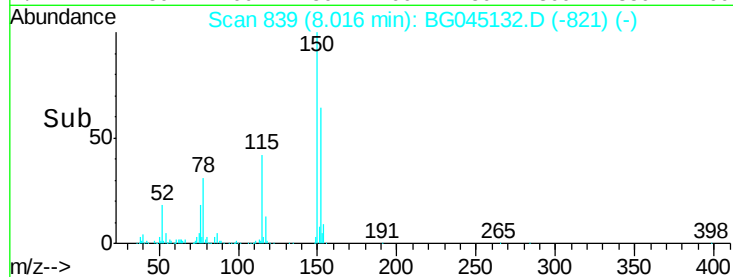
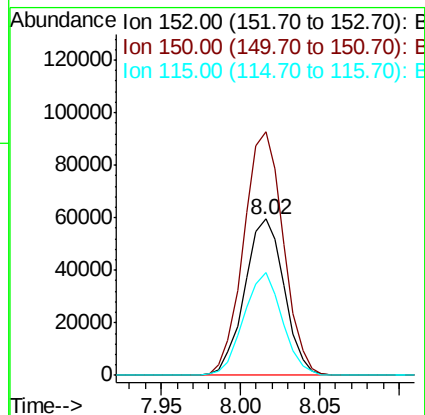
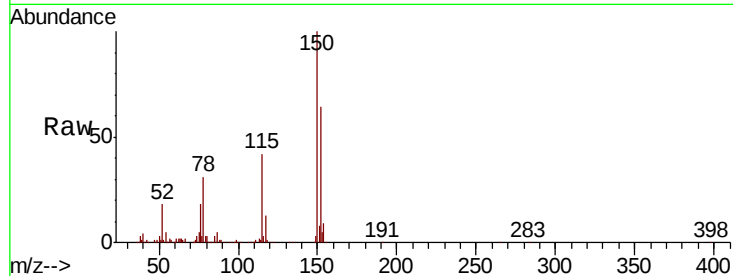


#1

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 :

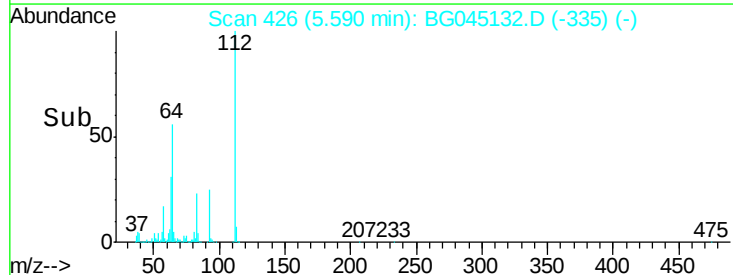
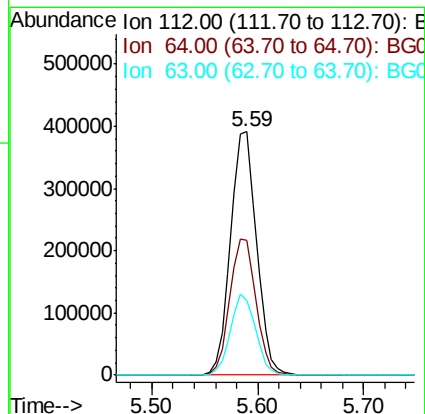
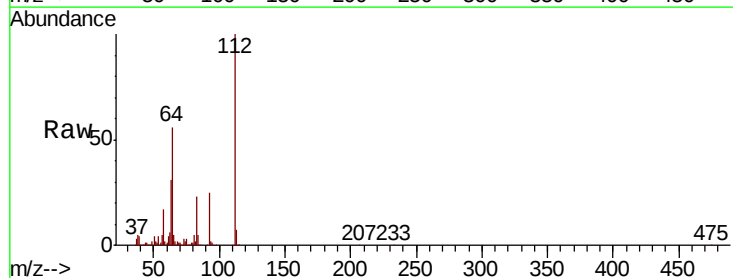
Tot Ion:152 Resp: 102853
Ion Ratio Lower Upper
152 100
150 156.1 123.6 185.4
115 66.1 49.1 73.7

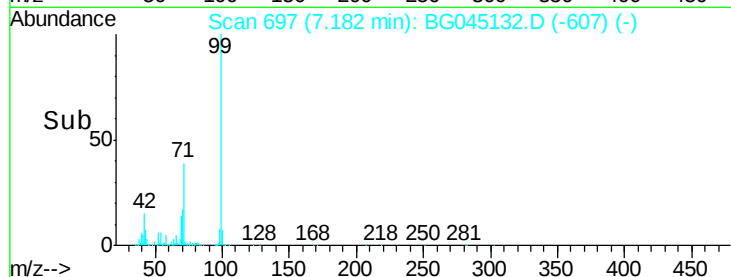
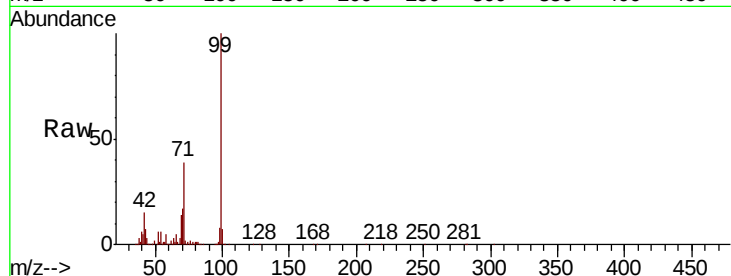


#5

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 :

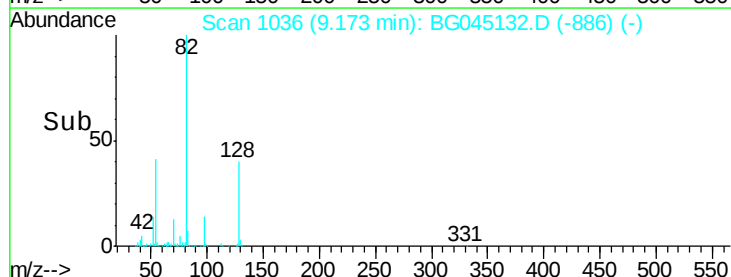
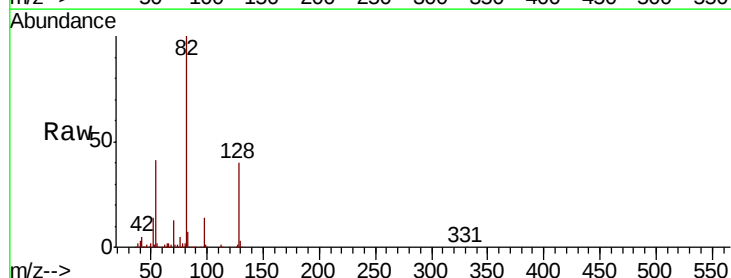
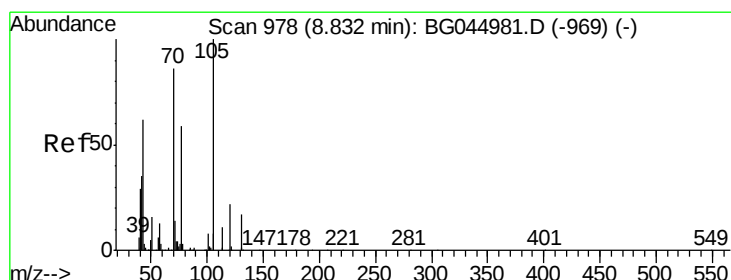
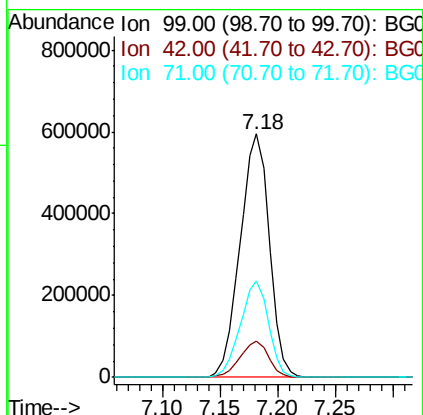
Tot Ion: 99 Resp: 1045087

Ion Ratio Lower Upper

99 100

42 14.8 11.3 16.9

71 39.4 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.231 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.35 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

Tgt Ion: 70 Resp: 99699

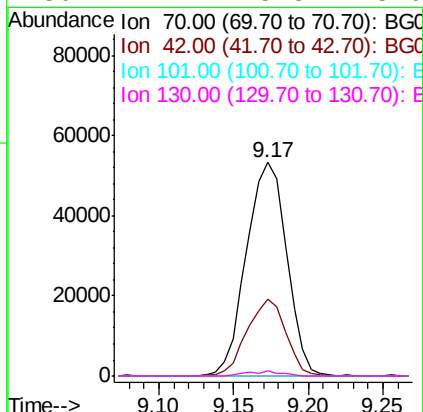
Ion Ratio Lower Upper

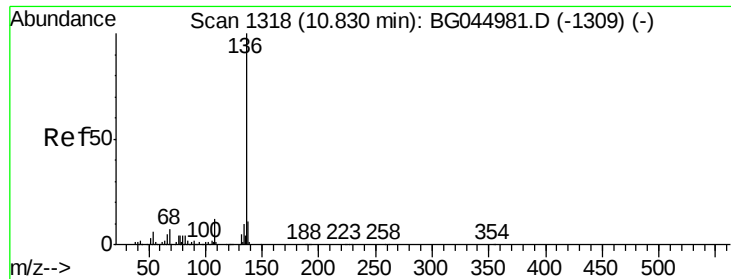
70 100

42 36.1 33.3 49.9

101 0.0 7.8 11.8#

130 2.7 15.8 23.6#

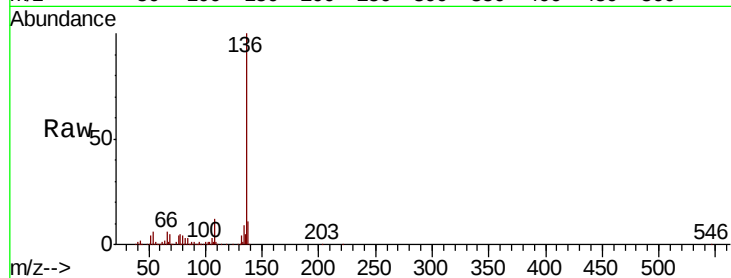




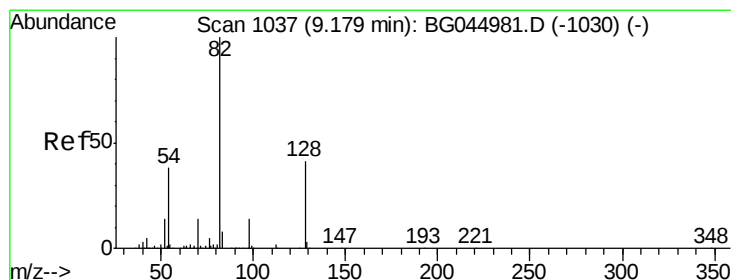
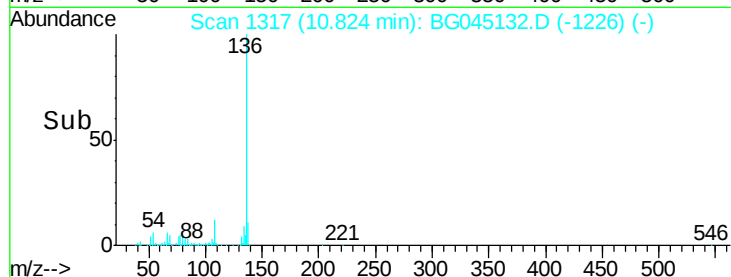
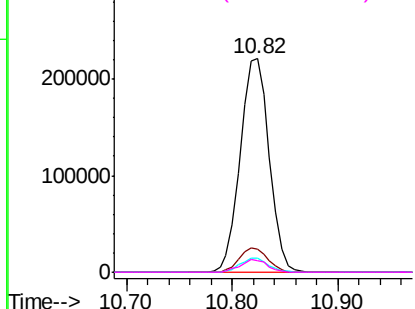
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Instrument :
BNA_G
ClientSampleId :

Tot 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

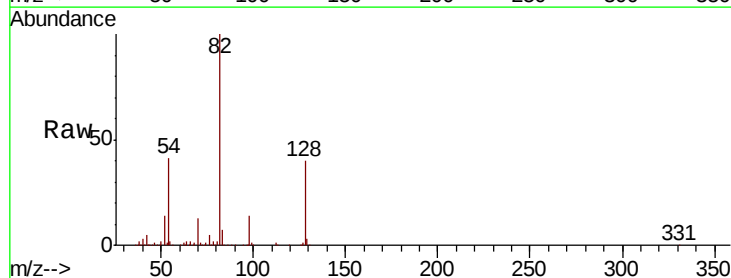


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

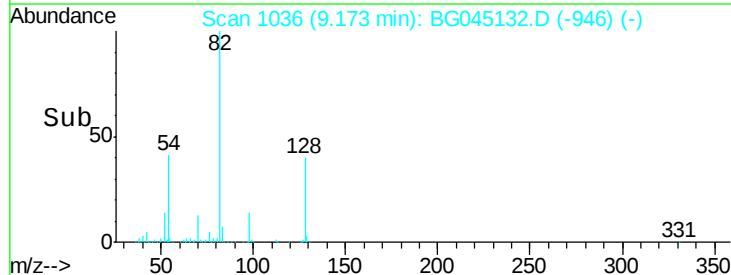
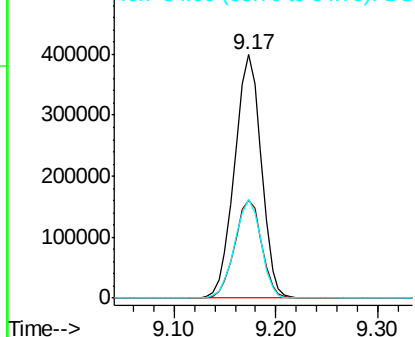


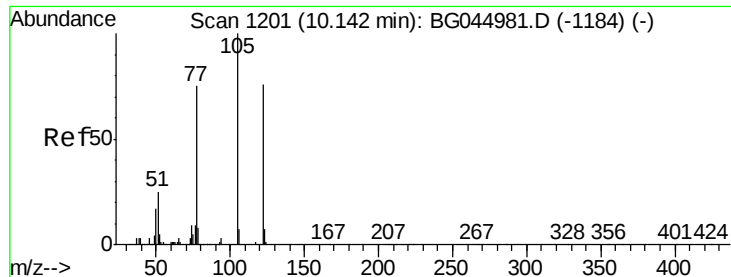
#23
Nitrobenzene-d5
Concen: 79.327 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

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



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

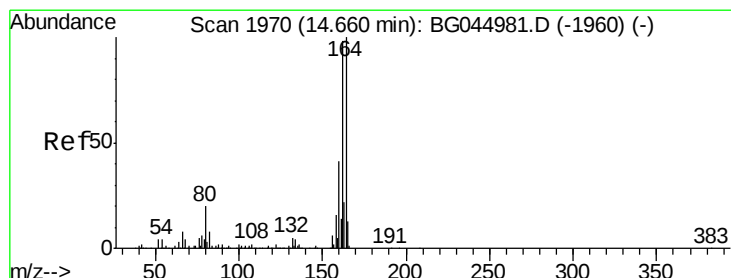
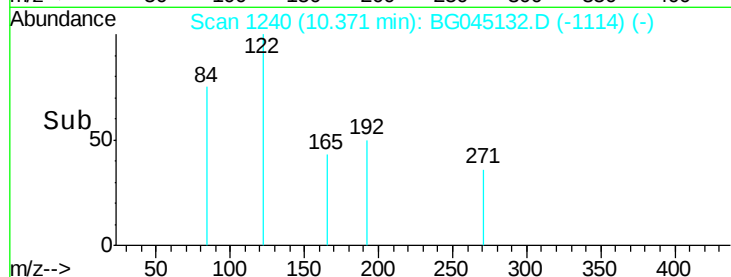
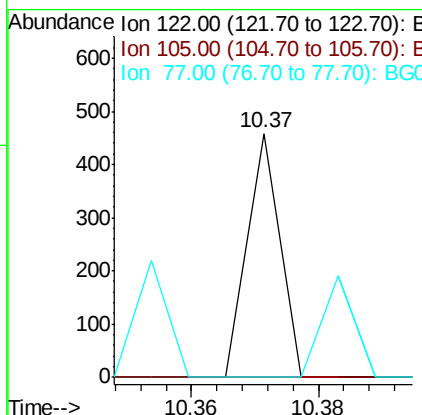
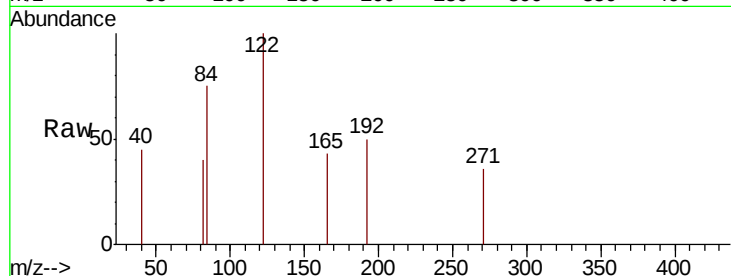




#32
Benzoic acid
Concen: 6.400 ng
RT: 10.37 min Scan# 1240
Delta R.T. 0.21 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

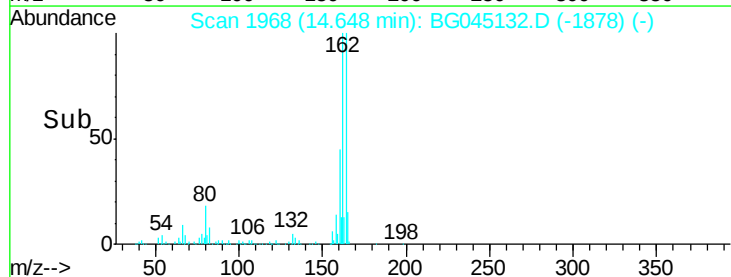
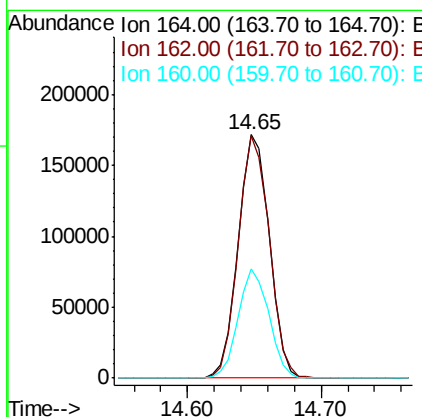
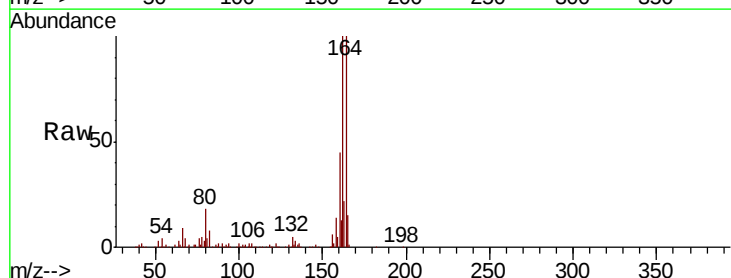
Instrument :
BNA_G
ClientSampleId :

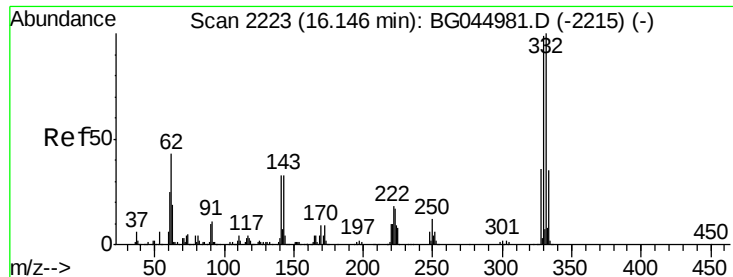
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#



#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	Ratio	Lower	Upper
164	100		
162	99.7	78.7	118.1
160	44.7	32.8	49.2

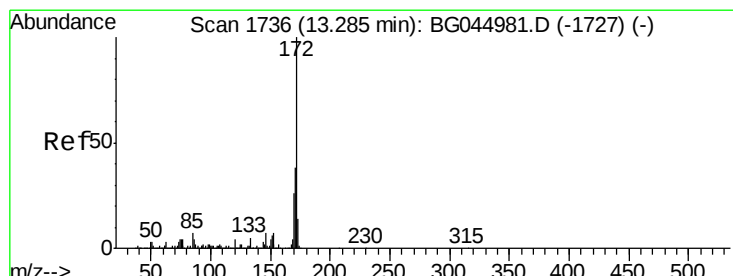
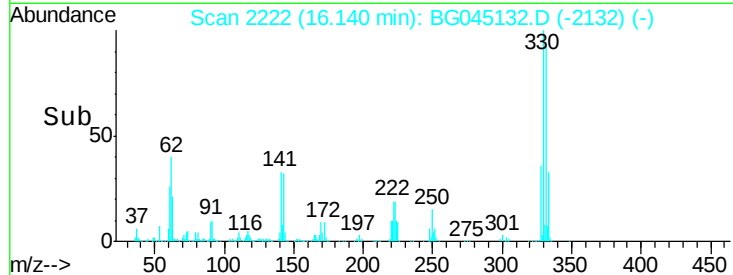
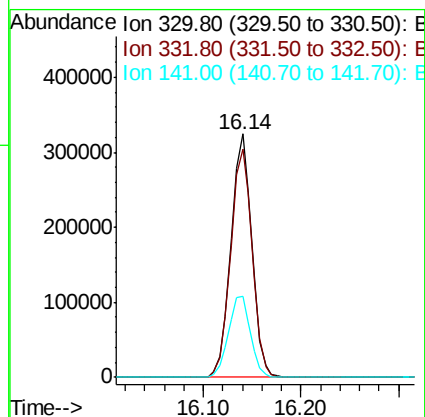
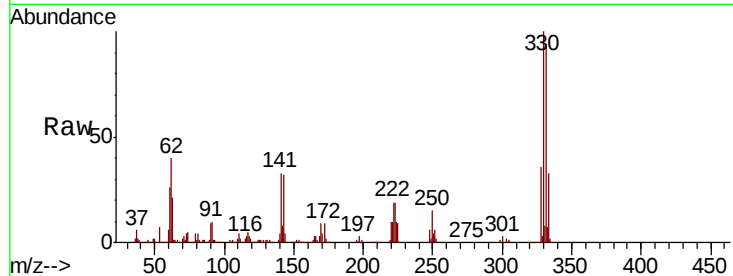




#42
 2,4,6-Tribromophenol
 Concen: 112.448 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045132.D
 Acq: 22 Apr 2020 18:48

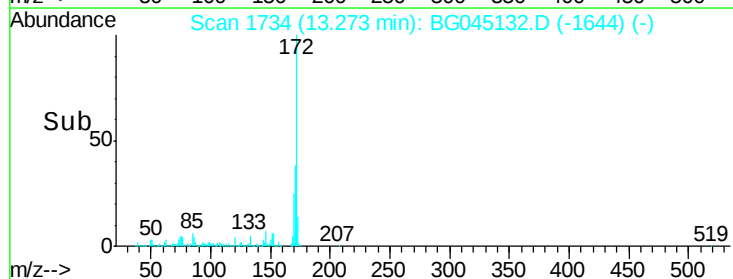
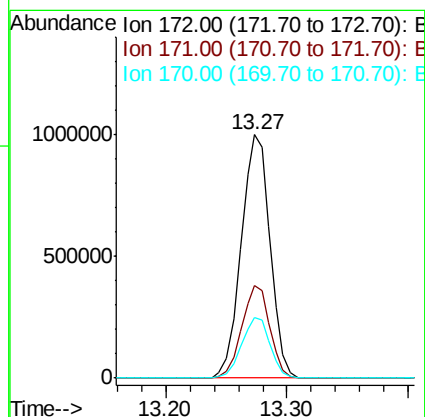
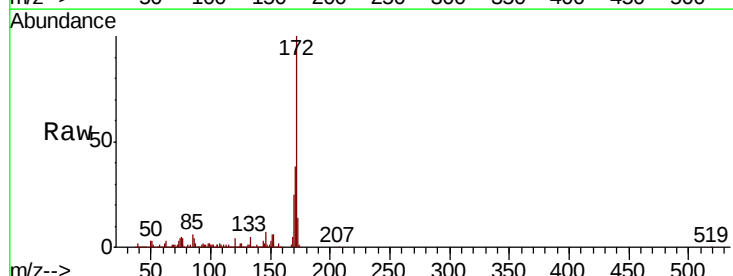
Instrument :
 BNA_G
 ClientSampleId :

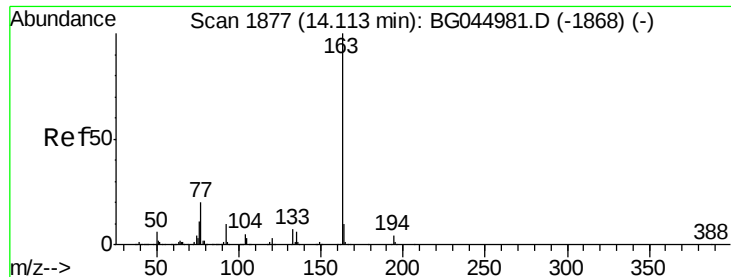
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.1	118.7
141	35.3	27.1	40.7



#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	Ratio	Lower	Upper
172	100		
171	38.1	30.6	46.0
170	24.7	20.5	30.7

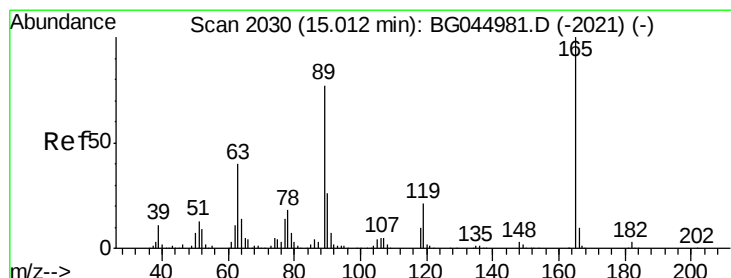
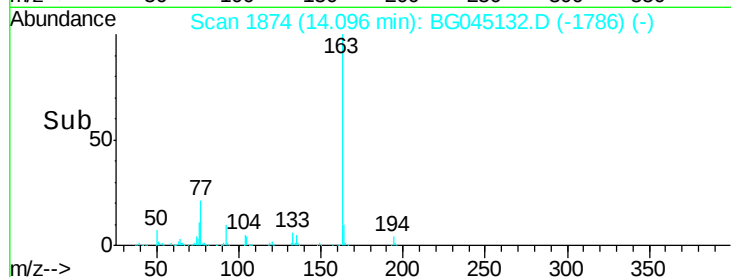
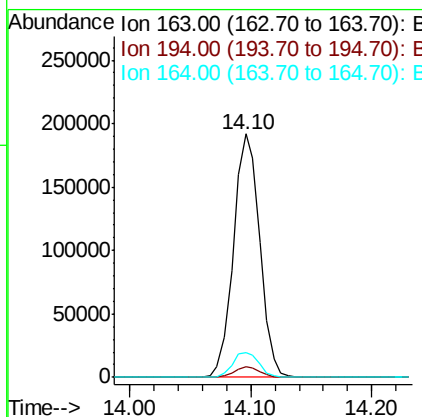
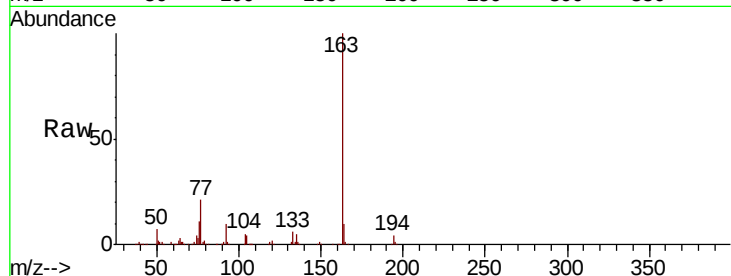




#50
Dimethylphthalate
Concen: 12.837 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

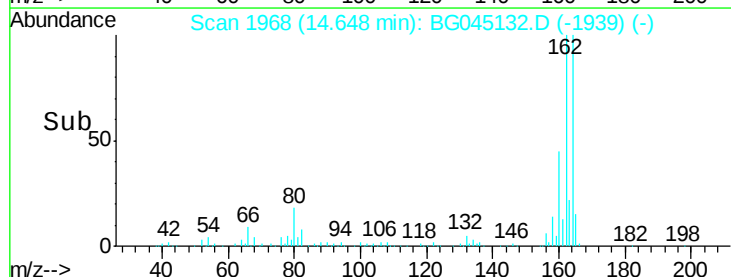
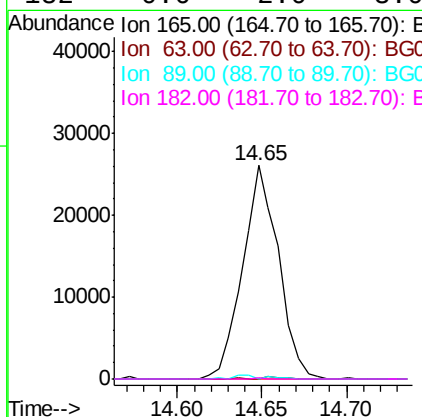
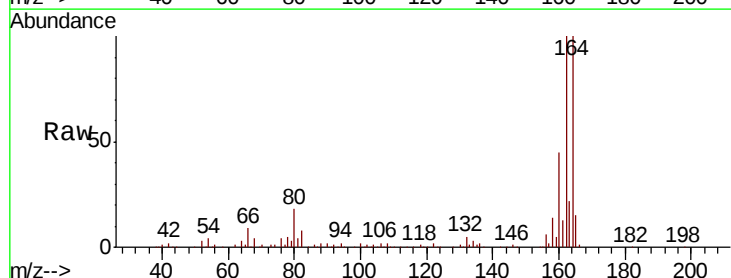
Instrument :
BNA_G
ClientSampled :

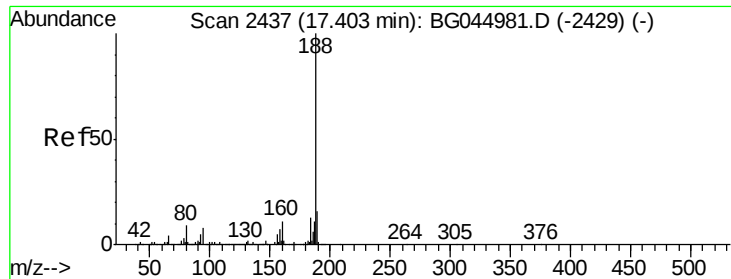
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.2	8.2	12.4



#57
2,4-Dinitrotoluene
Concen: 5.194 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	0.0	61.7	92.5#
182	0.6	2.0	3.0#





#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

Instrument :

BNA_G

ClientSampled :

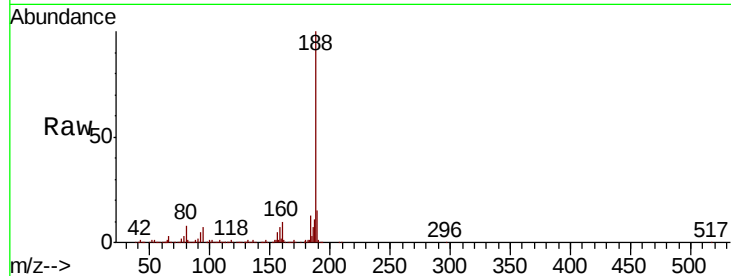
Tot Ion:188 Resp: 565578

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

80 7.8 7.0 10.6

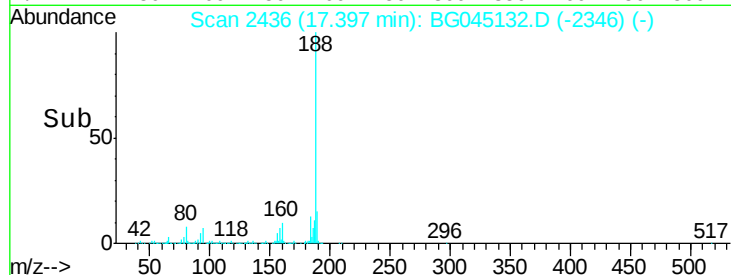


Abundance Ion 188.00 (187.70 to 188.70): E

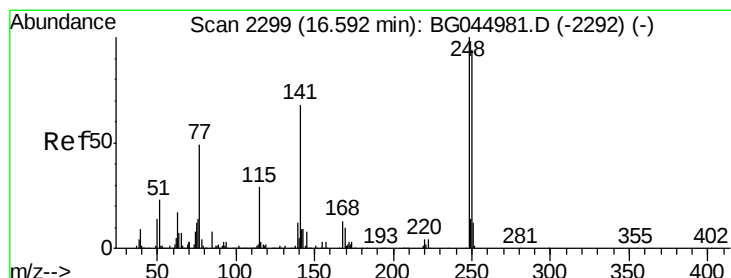
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.433 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.45 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

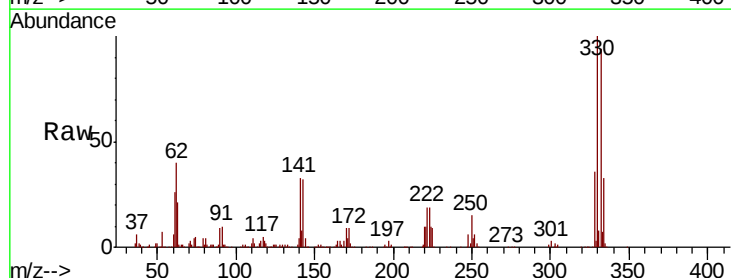
Tgt Ion:248 Resp: 32343

Ion Ratio Lower Upper

248 100

250 230.2 75.4 113.2#

141 523.3 54.4 81.6#

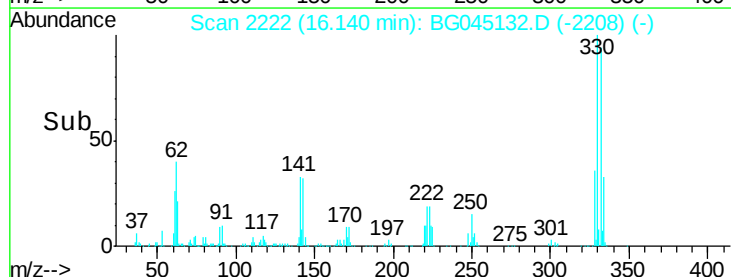


Abundance Ion 248.00 (247.70 to 248.70): E

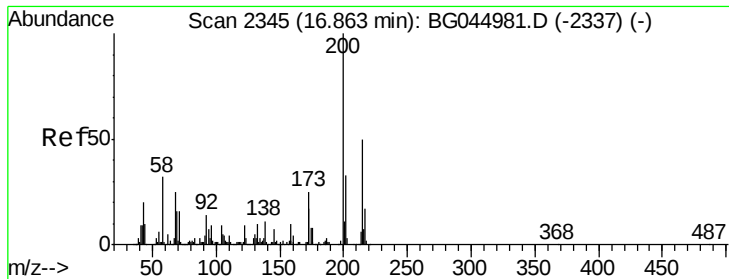
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



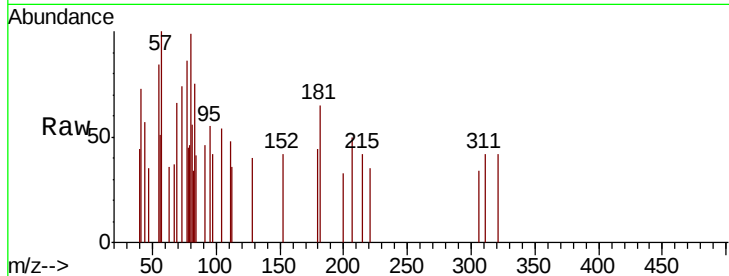
Time-->



#69
Atrazine
Concen: Below Cal
RT: 17.01 min Scan# 2370
Delta R.T. 0.15 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	125.8	30.0	70.0#

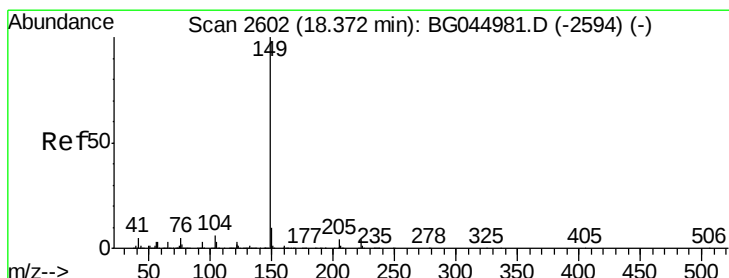
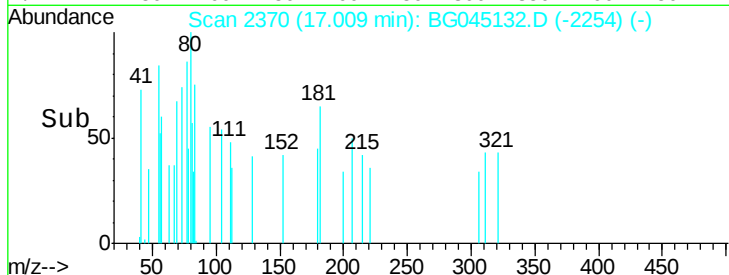
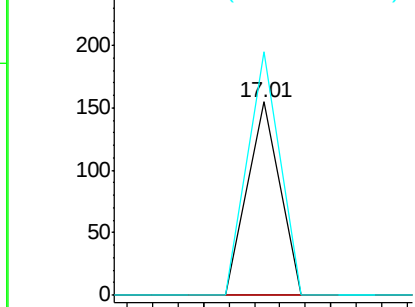


Abundance

Ion 200.00 (199.70 to 200.70): E

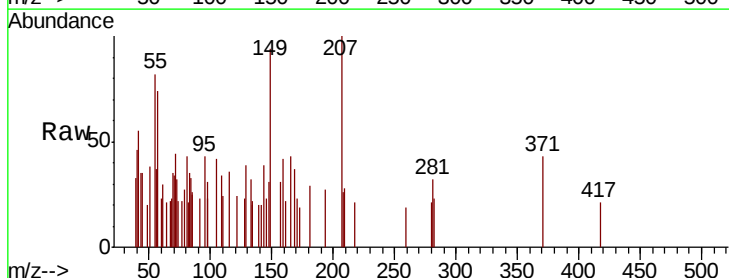
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BG045132.D
Acq: 22 Apr 2020 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#

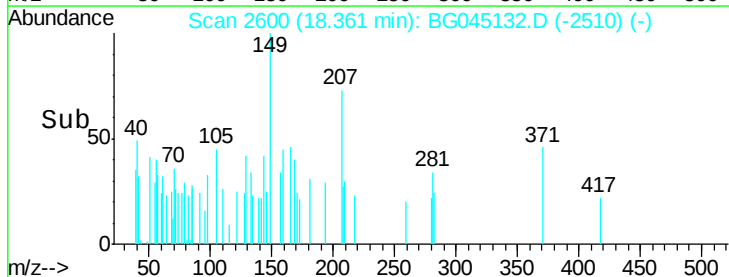
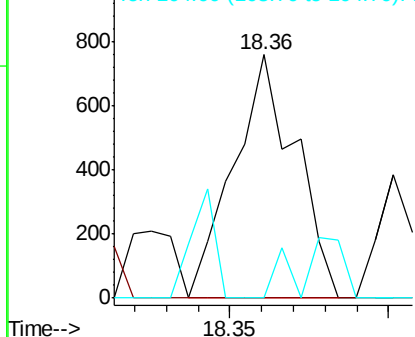


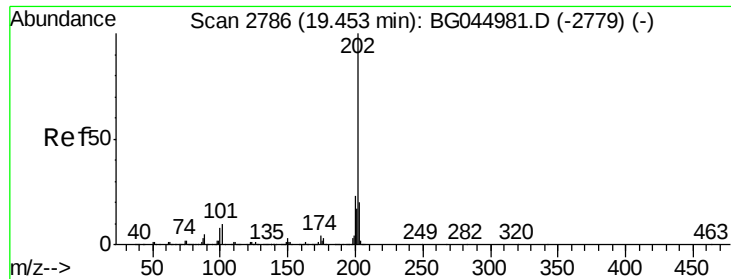
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG045132.D

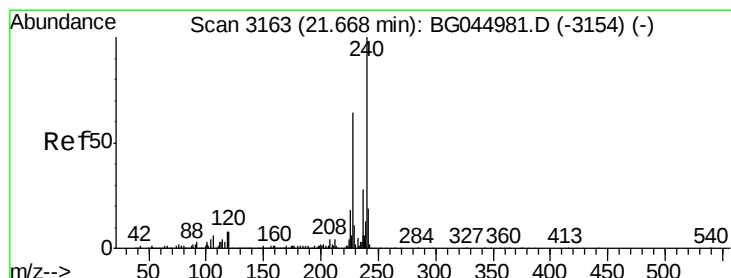
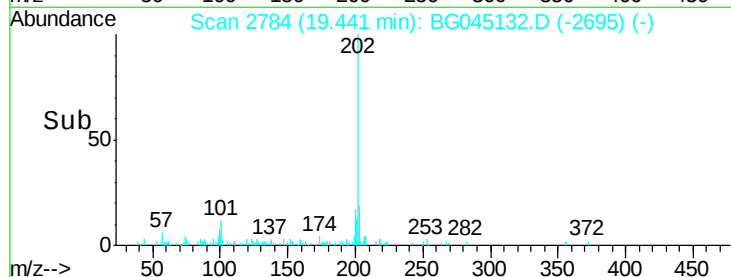
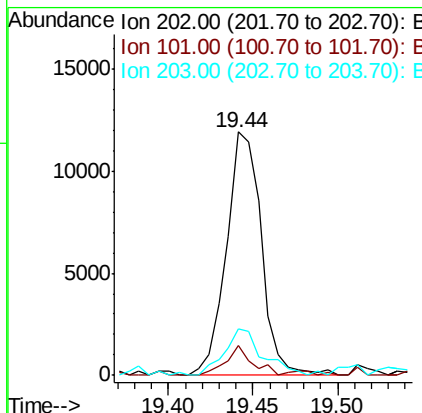
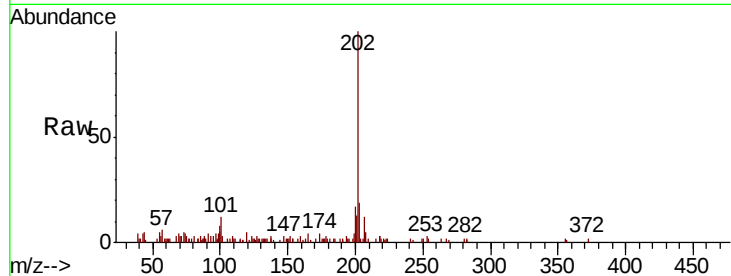
Acq: 22 Apr 2020 18:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	17194
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.6
203	19.3	0.0	39.7



#76

Chrysene-d12

Concen: 20.000 ng

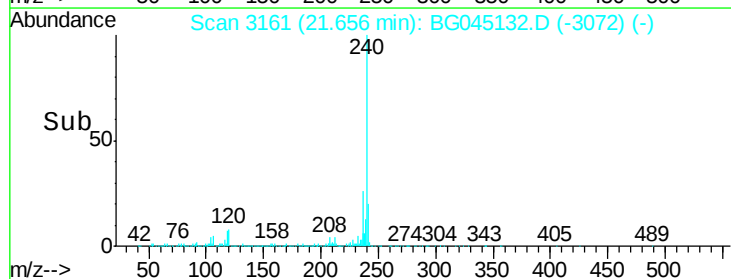
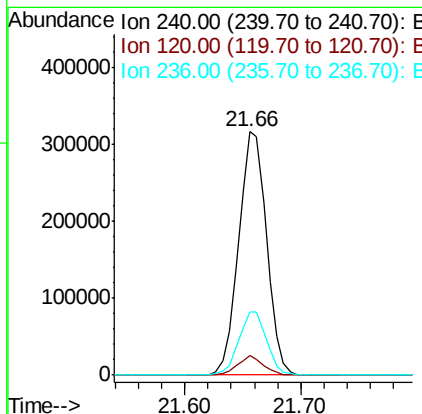
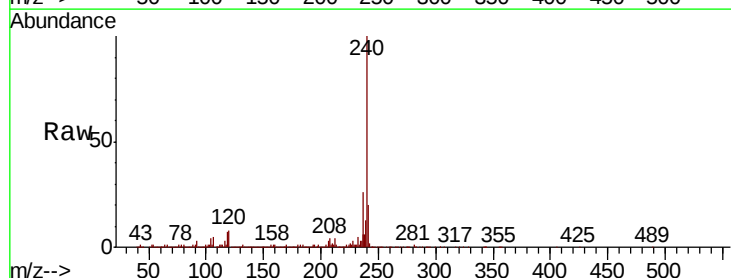
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

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





#77

Benzidine

Concen: Below Cal

RT: 20.01 min Scan# 2880

Delta R.T. 0.38 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

Instrument :

BNA_G

ClientSampleId :

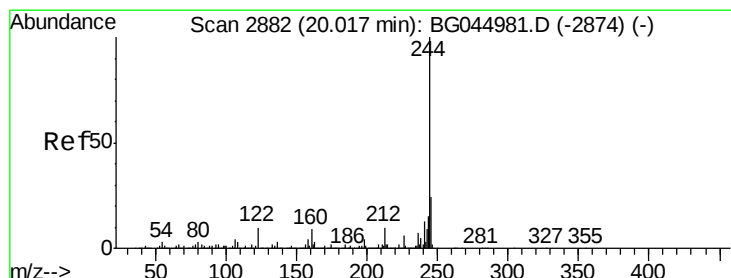
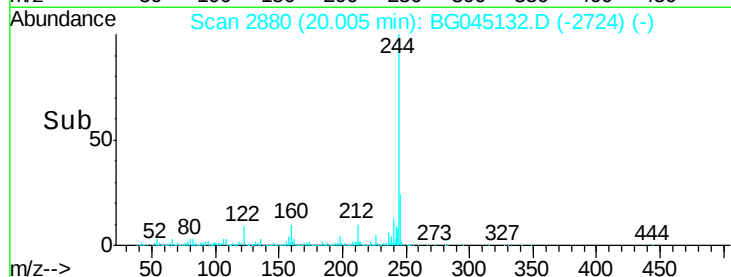
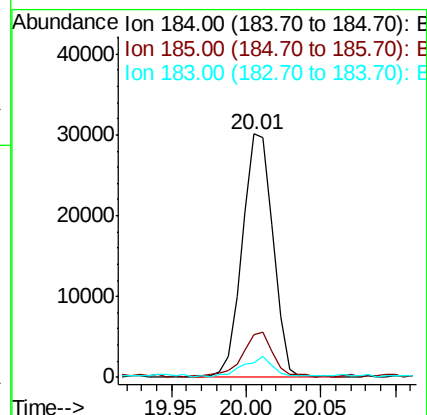
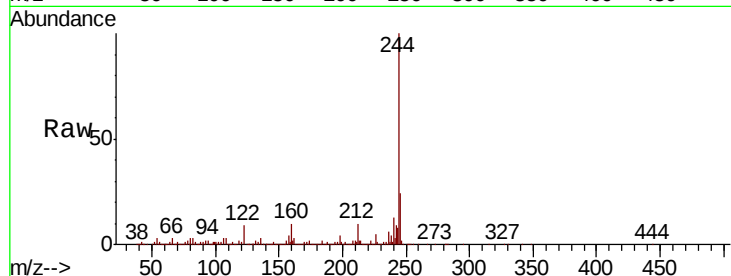
Tot Ion:184 Resp: 43002

Ion Ratio Lower Upper

184 100

185 17.6 12.6 19.0

183 6.0 11.3 16.9#



#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

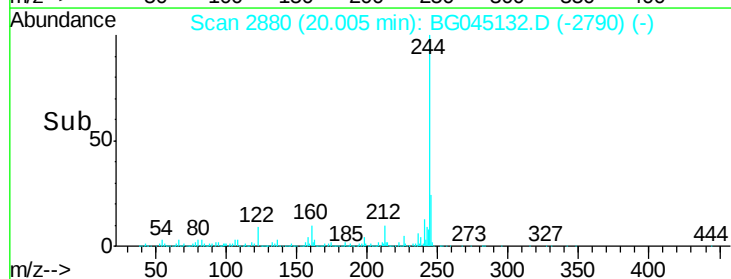
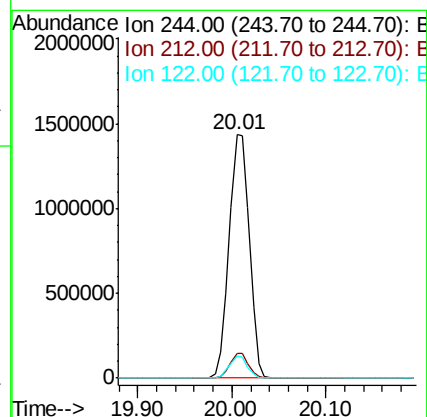
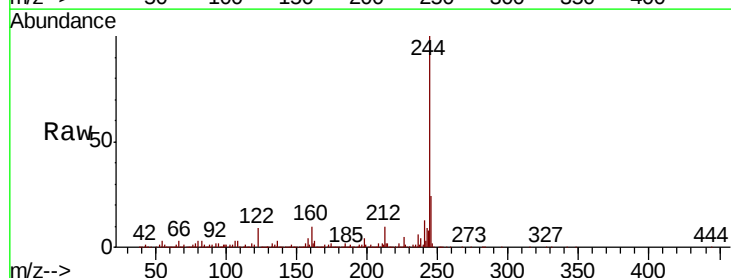
Tgt Ion:244 Resp: 2148524

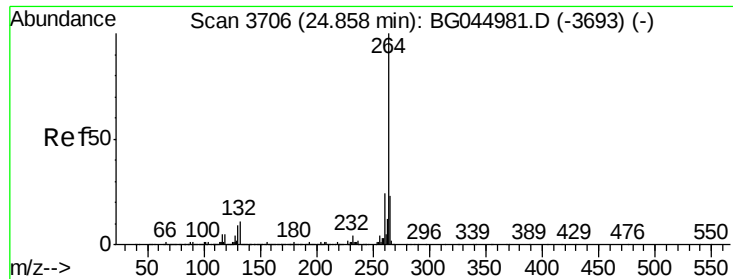
Ion Ratio Lower Upper

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 :

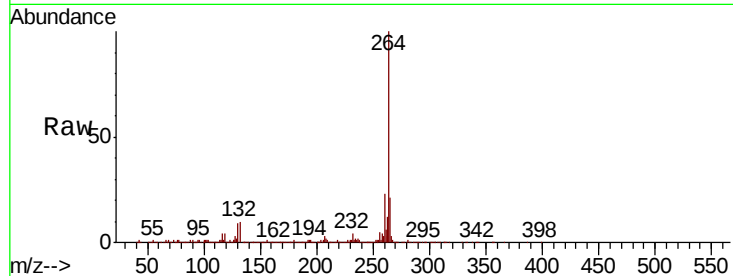
Tot Ion:264 Resp: 571195

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

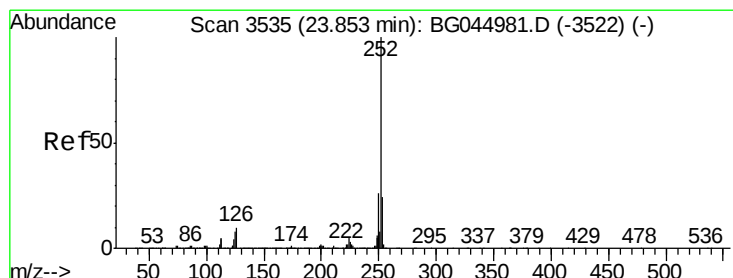
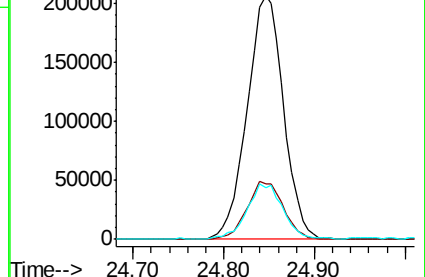
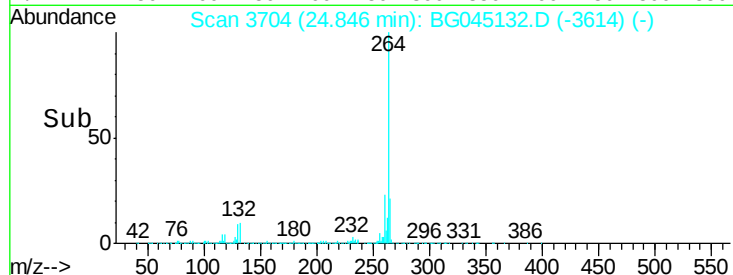
265 21.4 19.0 28.4



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



#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

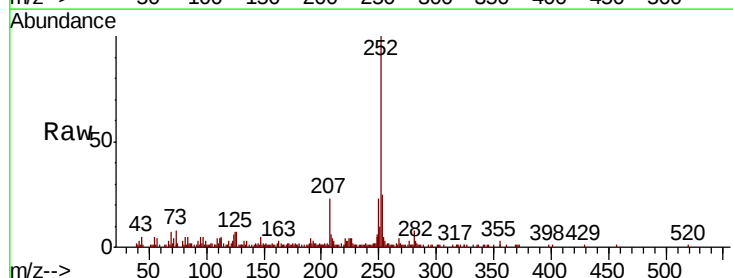
Tgt Ion:252 Resp: 97455

Ion Ratio Lower Upper

252 100

253 25.5 18.8 28.2

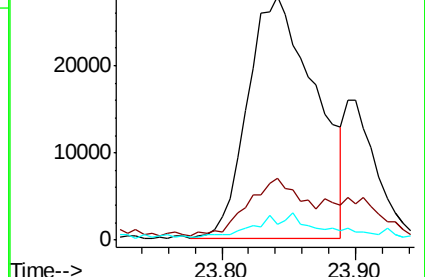
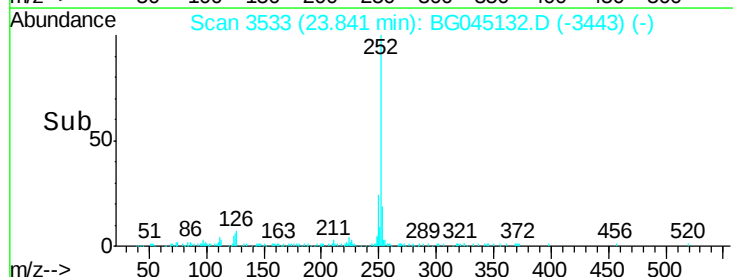
125 6.6 6.2 9.4

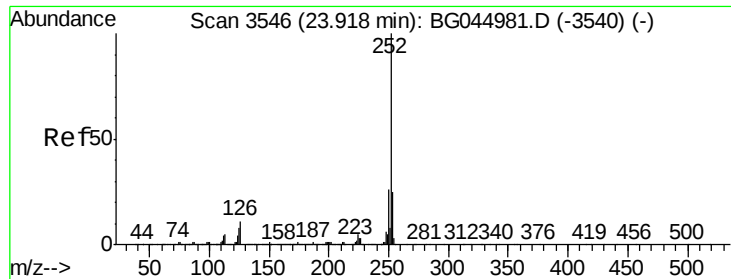


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.864 ng

RT: 23.84 min Scan# 3533

Delta R.T. -0.07 min

Lab File: BG045132.D

Acq: 22 Apr 2020 18:48

Instrument :

BNA_G

ClientSampleId :

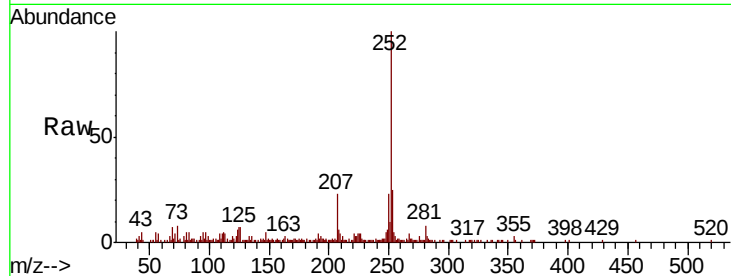
Tot Ion:252 Resp: 97455

Ion Ratio Lower Upper

252 100

253 25.5 19.2 28.8

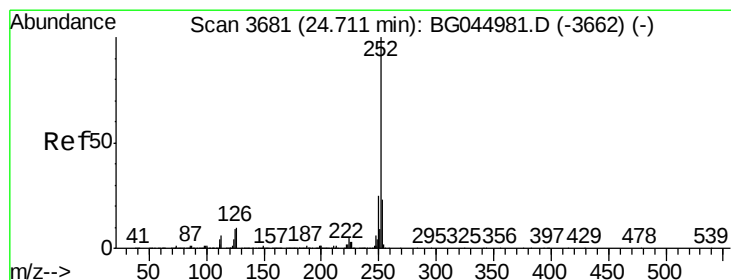
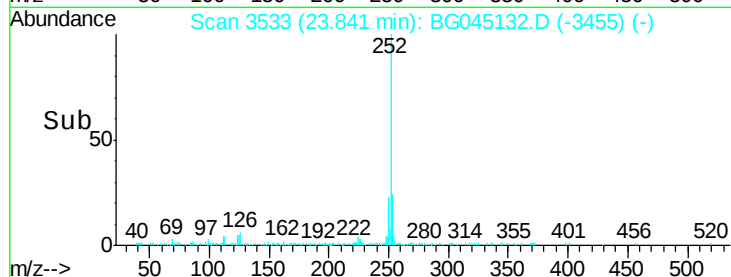
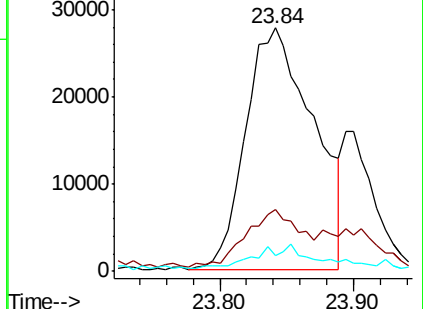
125 6.6 5.9 8.9



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



#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

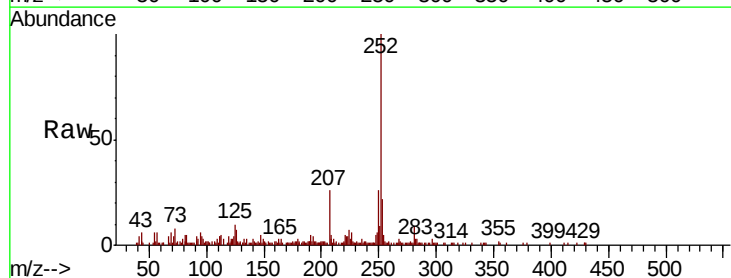
Tgt Ion:252 Resp: 70016

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

