

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044377.D
 Acq On : 11 Feb 2020 6:29
 Operator : CG/JU
 Sample : L1449-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 11 07:28:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

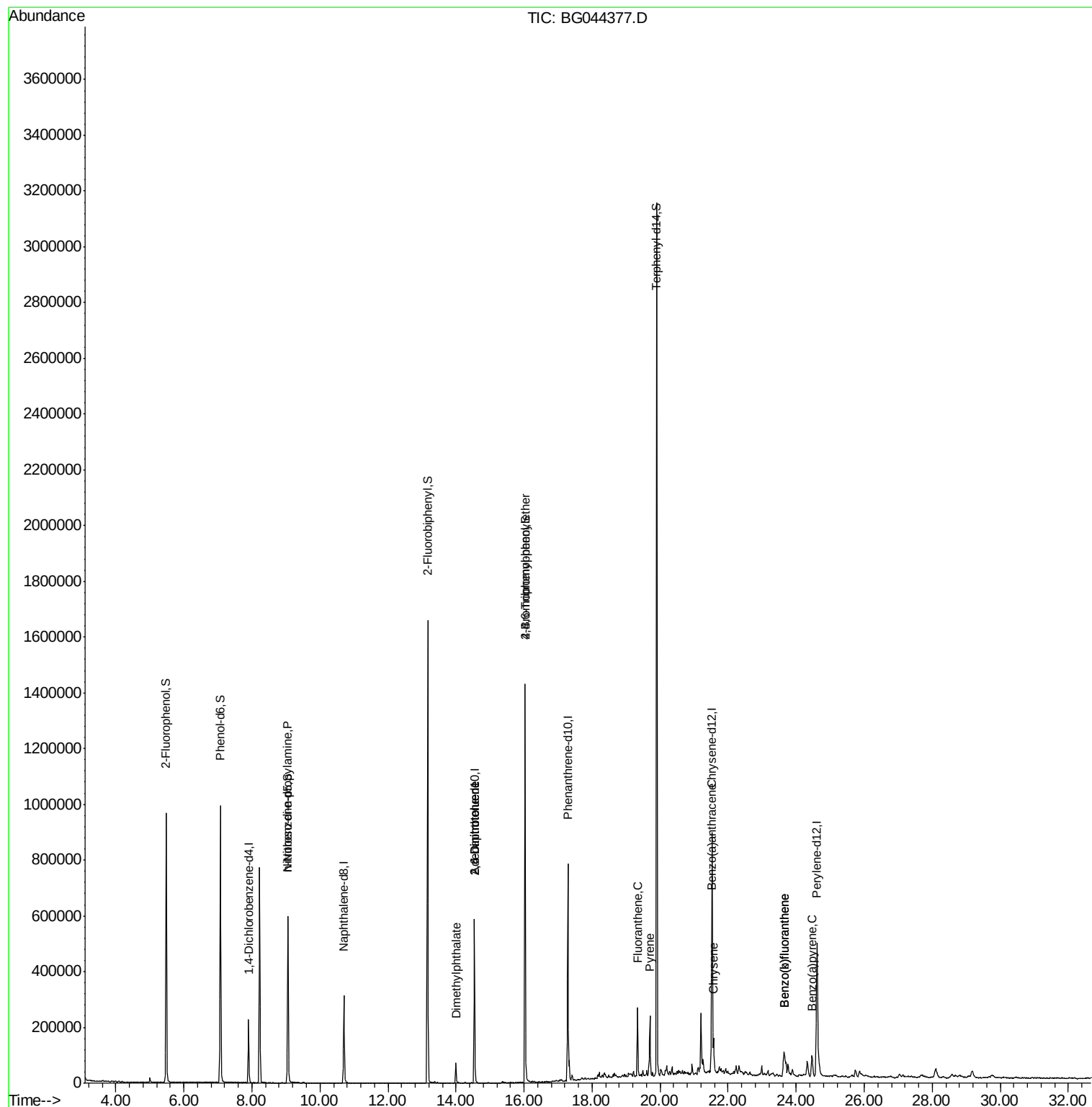
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	68187	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	299103	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	208062	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	492985	20.00	ng	0.00
76) Chrysene-d12	21.53	240	462278	20.00	ng	0.00
87) Perylene-d12	24.61	264	488417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	480805	124.44	ng	0.00
7) Phenol-d6	7.07	99	644184	124.16	ng	0.00
23) Nitrobenzene-d5	9.06	82	388678	73.36	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	287788	117.82	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	951704	76.60	ng	0.00
79) Terphenyl-d14	19.90	244	1542877	68.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.06	70	49010	14.174	ng	Qvalue # 76
50) Dimethylphthalate	13.99	163	59780	3.997	ng	98
51) 2,6-Dinitrotoluene	14.54	165	27142	8.139	ng	# 30
57) 2,4-Dinitrotoluene	14.54	165	27142	5.807	ng	# 28
67) 4-Bromophenyl-phenylether	16.03	248	20189	3.759	ng	# 1
75) Fluoranthene	19.34	202	154181	5.583	ng	96
78) Pyrene	19.70	202	130562	4.398	ng	94
81) Benzo(a)anthracene	21.51	228	95390	3.348	ng	97
83) Chrysene	21.57	228	83606	3.036	ng	97
88) Benzo(b)fluoranthene	23.64	252	119476	4.245	ng	96
89) Benzo(k)fluoranthene	23.64	252	119476	4.356	ng	96
90) Benzo(a)pyrene	24.46	252	78635	2.955	ng	99

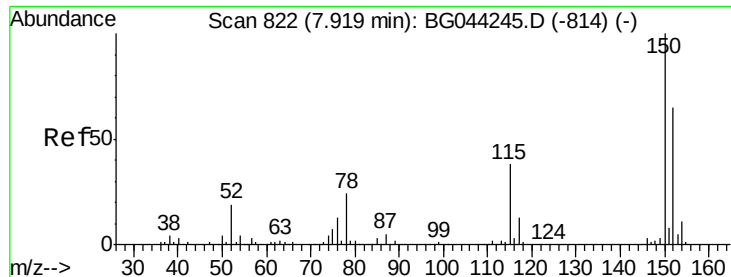
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044377.D
Acq On : 11 Feb 2020 6:29
Operator : CG/JU
Sample : L1449-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 11 07:28:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



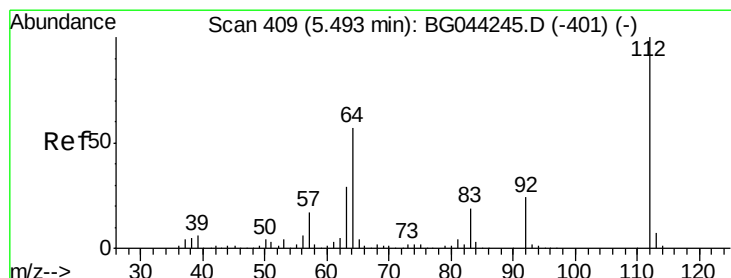
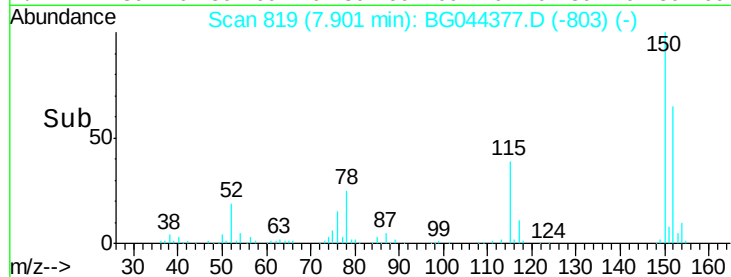
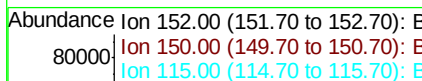
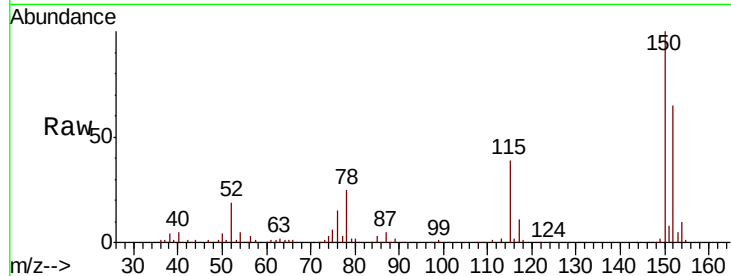


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Instrument :
BNA_G
ClientSampleId :

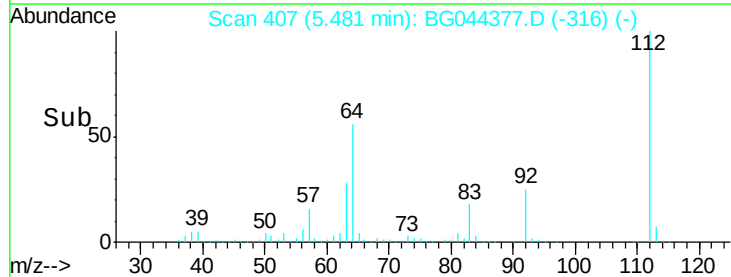
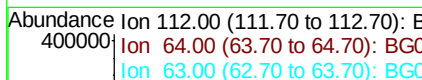
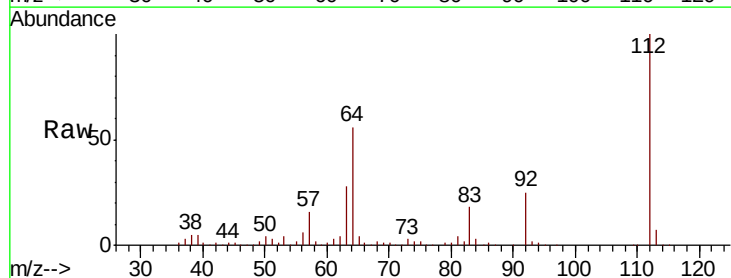
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.6	183.8
115	60.4	46.0	69.0

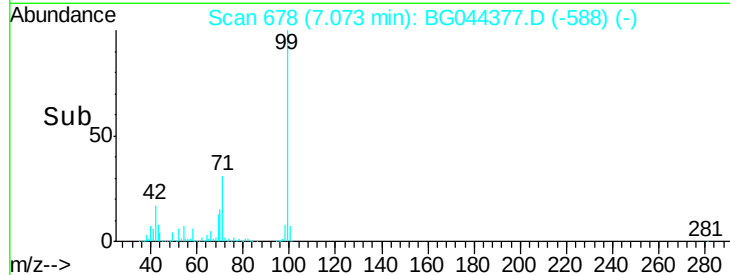
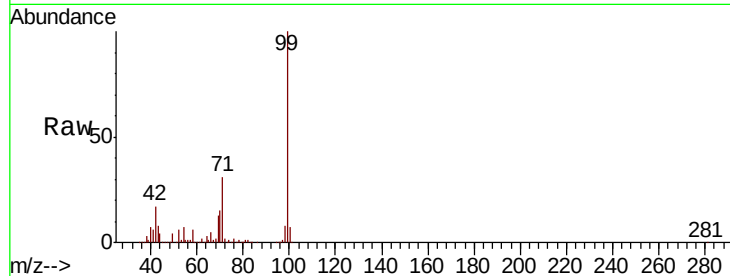
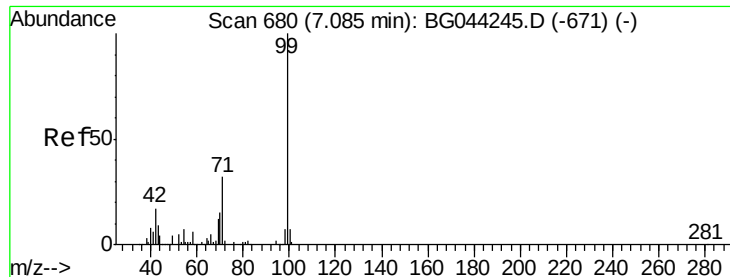


#5

2-Fluorophenol
Concen: 124.444 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.4	68.2
63	28.0	22.9	34.3





#7

Phenol-d6

Concen: 124.161 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044377.D

Acq: 11 Feb 2020 6:29

Instrument :

BNA_G

ClientSampled :

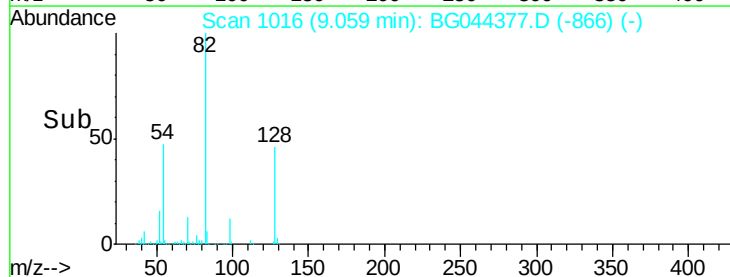
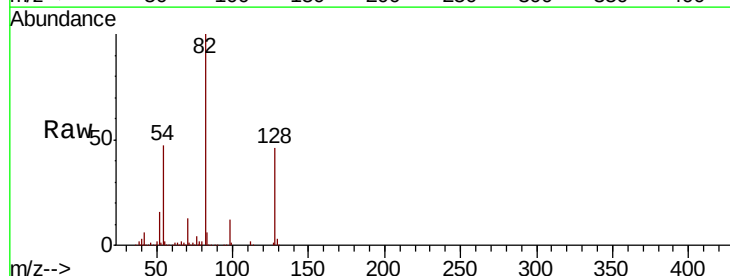
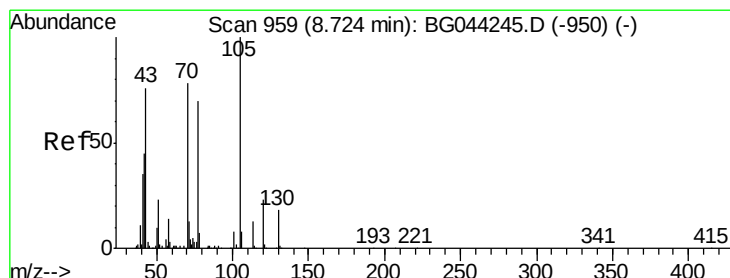
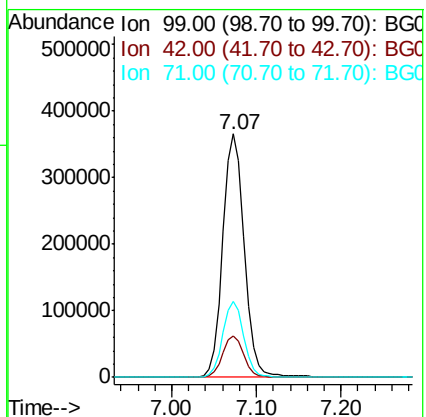
Tot Ion: 99 Resp: 644184

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

71 31.3 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.174 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044377.D

Acq: 11 Feb 2020 6:29

Tgt Ion: 70 Resp: 49010

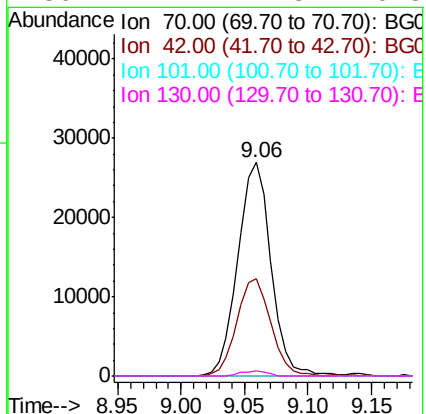
Ion Ratio Lower Upper

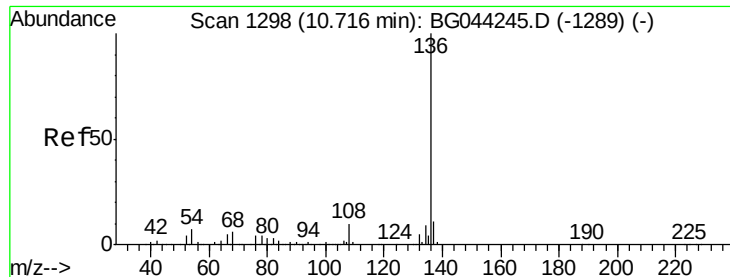
70 100

42 45.8 46.2 69.2#

101 0.0 8.4 12.6#

130 2.2 17.8 26.8#

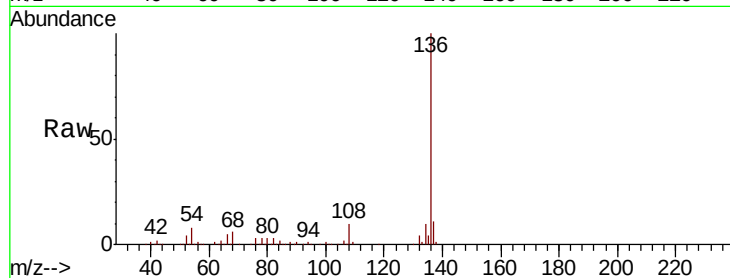




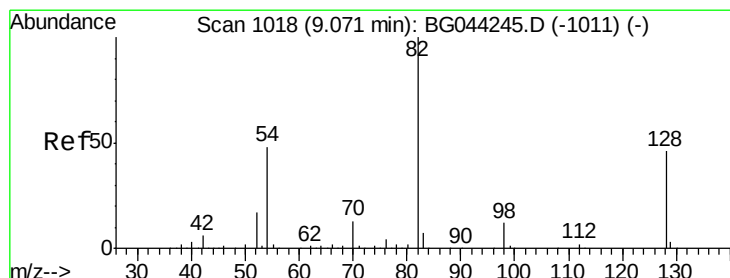
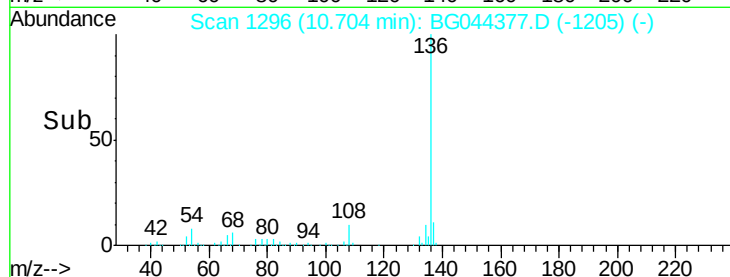
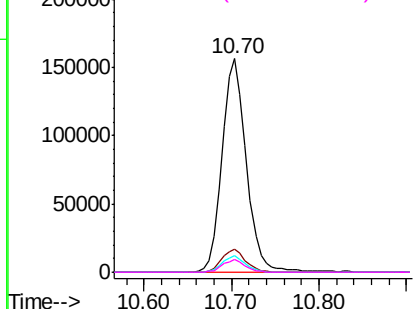
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	299103
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.6	5.8 8.8
68	5.8	4.6 6.8

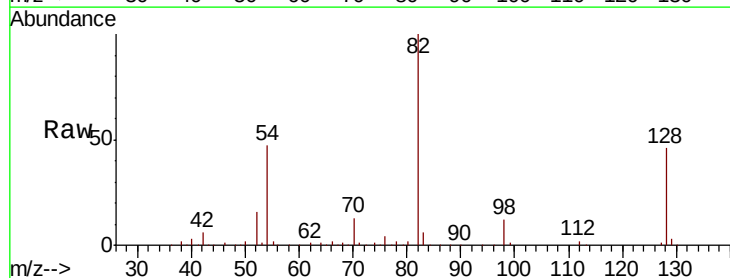


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

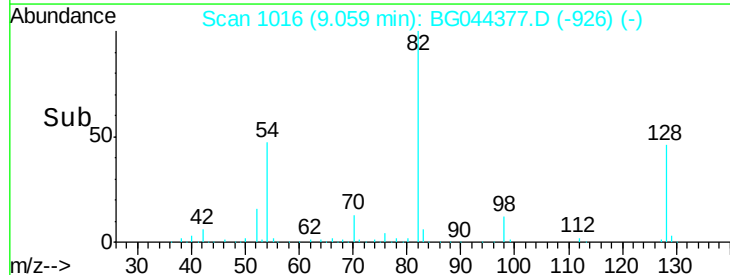
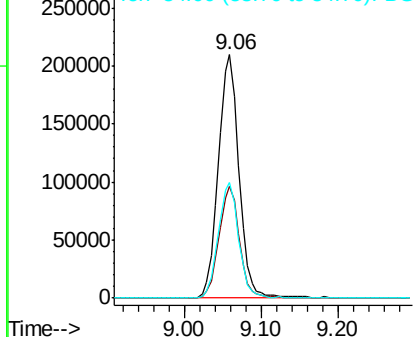


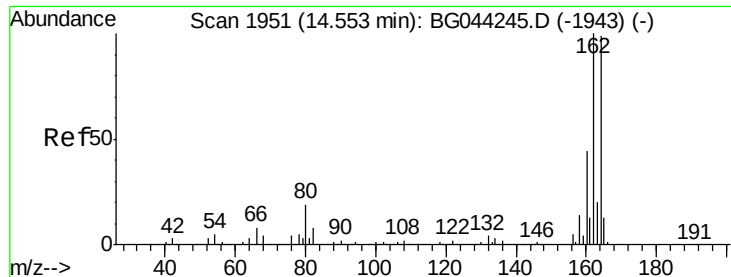
#23
Nitrobenzene-d5
Concen: 73.364 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Tgt Ion: 82	Resp:	388678
Ion Ratio	Lower	Upper
82	100	
128	46.2	36.5 54.7
54	47.4	38.6 58.0



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: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044377.D

Acq: 11 Feb 2020 6:29

Instrument :

BNA_G

ClientSampleId :

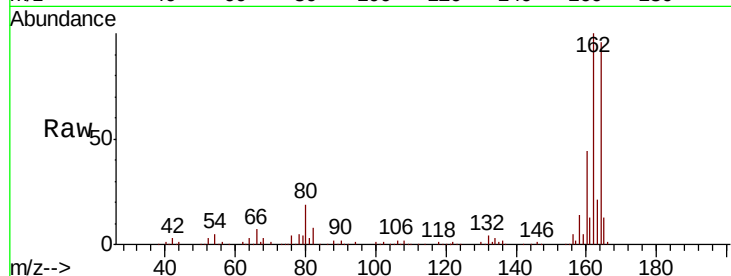
Tot Ion:164 Resp: 208062

Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

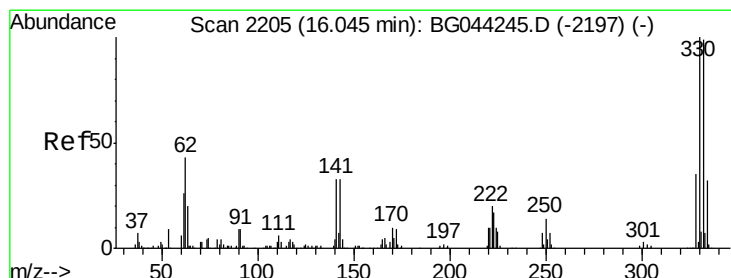
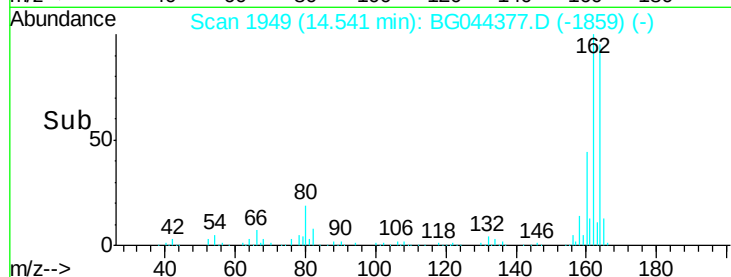
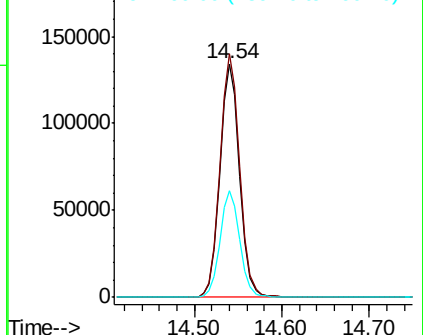
160 45.5 35.3 52.9



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: 117.824 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044377.D

Acq: 11 Feb 2020 6:29

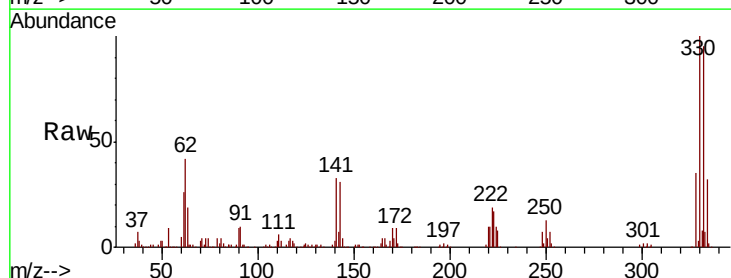
Tgt Ion:330 Resp: 287788

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

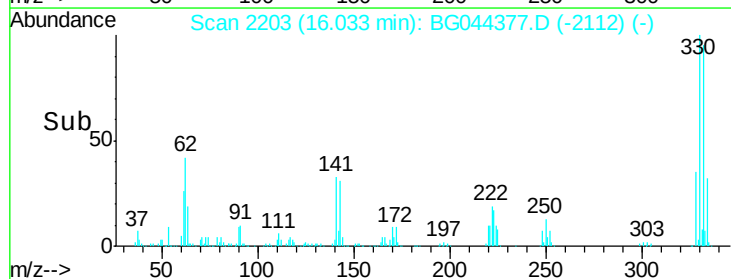
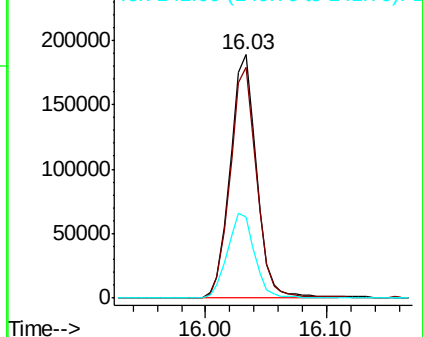
141 36.2 28.3 42.5

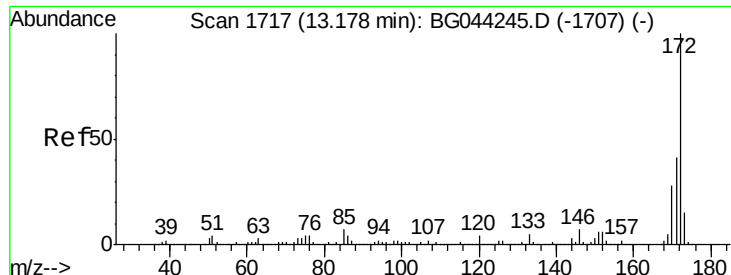


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

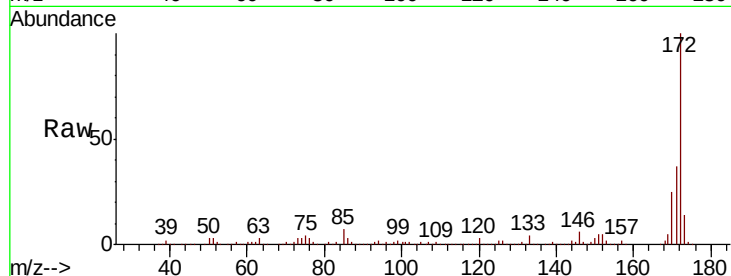




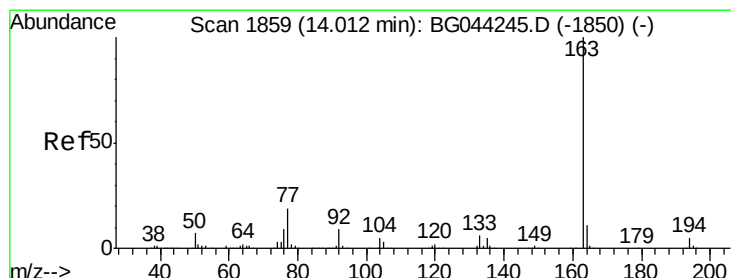
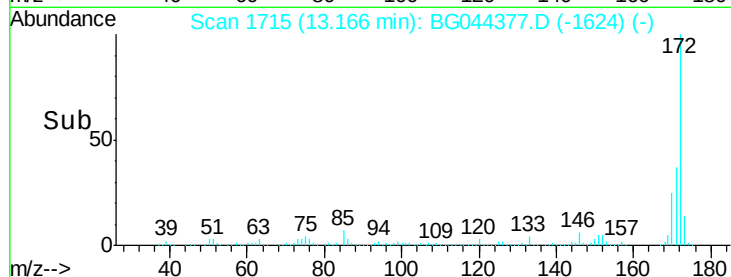
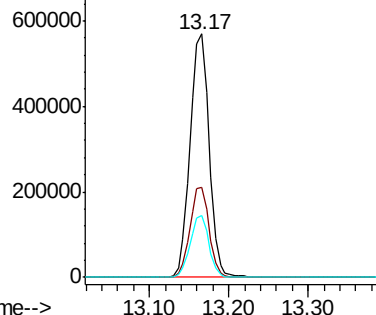
#45
2-Fluorobiphenyl
Concen: 76.596 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 951704
Ion Ratio Lower Upper
172 100
171 37.0 32.9 49.3
170 25.3 22.0 33.0

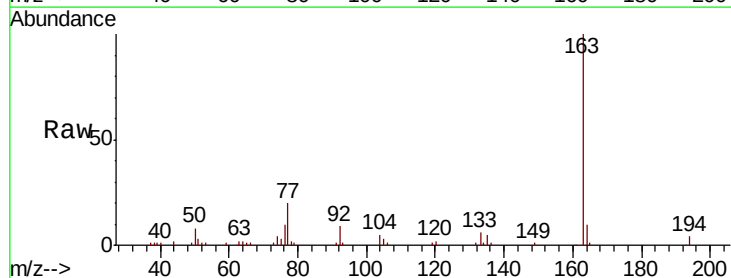


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

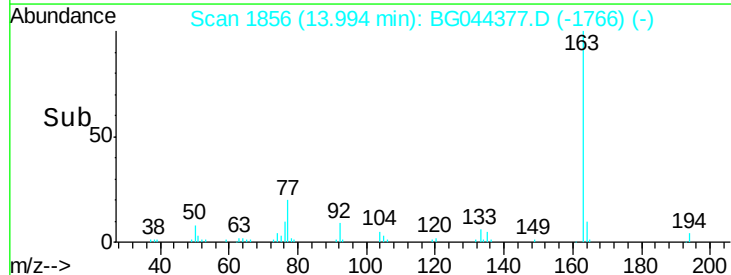
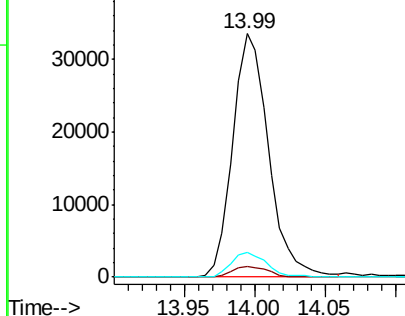


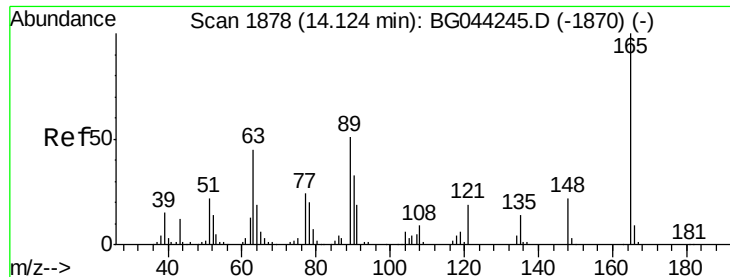
#50
Dimethylphthalate
Concen: 3.997 ng
RT: 13.99 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Tgt Ion:163 Resp: 59780
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.1 8.7 13.1



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

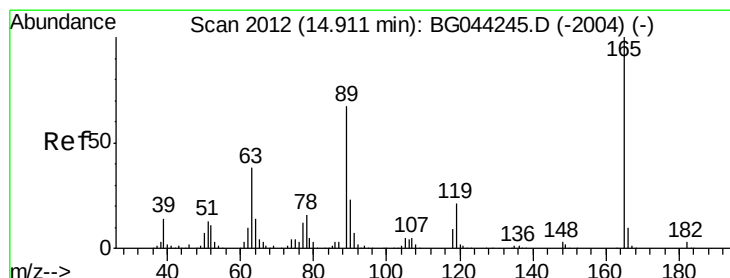
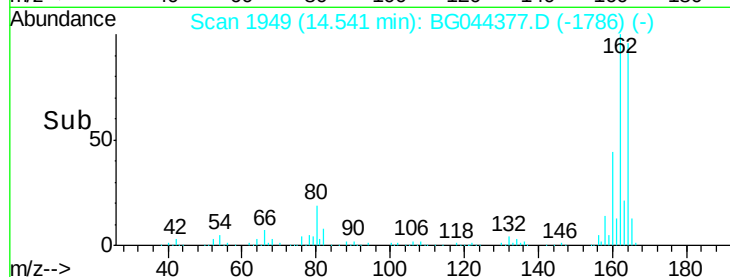
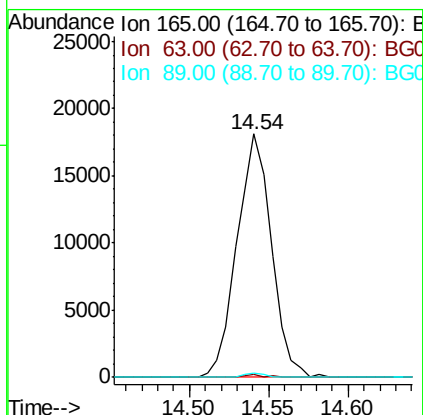
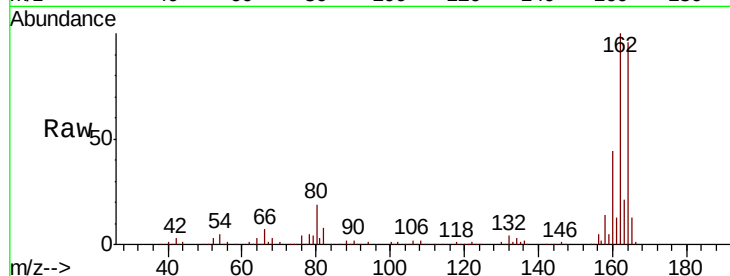




#51
 2,6-Dinitrotoluene
 Concen: 8.139 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG044377.D
 Acq: 11 Feb 2020 6:29

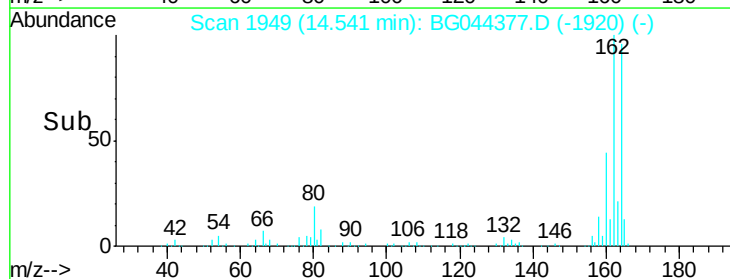
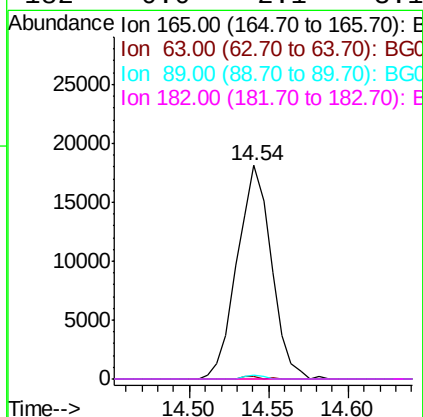
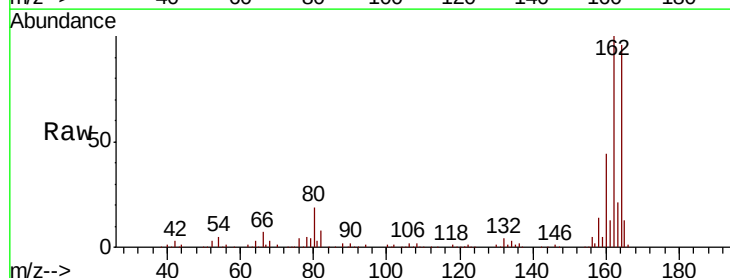
Instrument :
 BNA_G
 ClientSampleId :

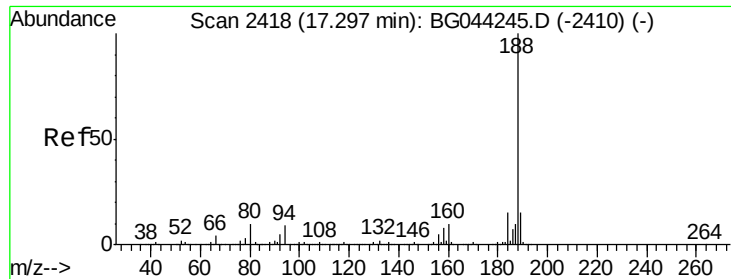
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.7	58.1#
89	1.7	40.4	60.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.807 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG044377.D
 Acq: 11 Feb 2020 6:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	30.3	45.5#
89	1.7	53.4	80.2#
182	0.0	2.1	3.1#

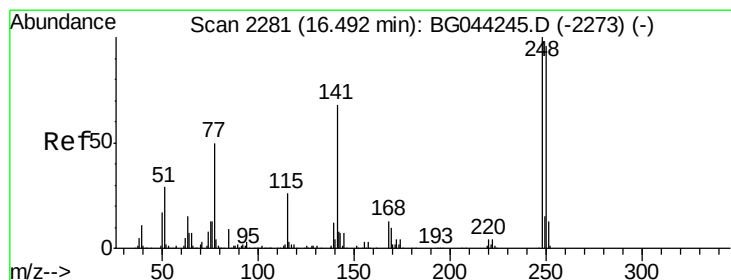
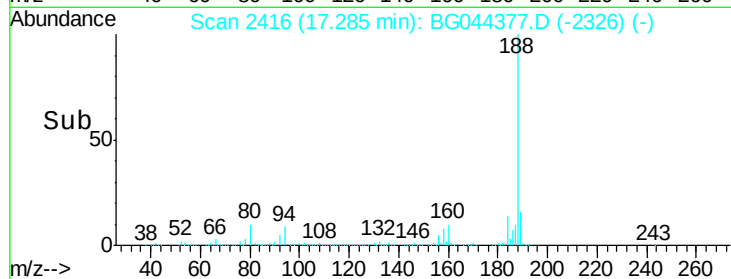
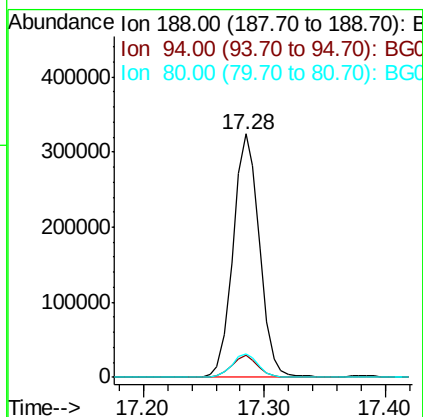
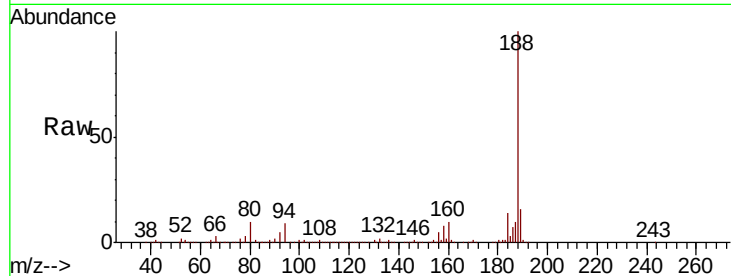




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

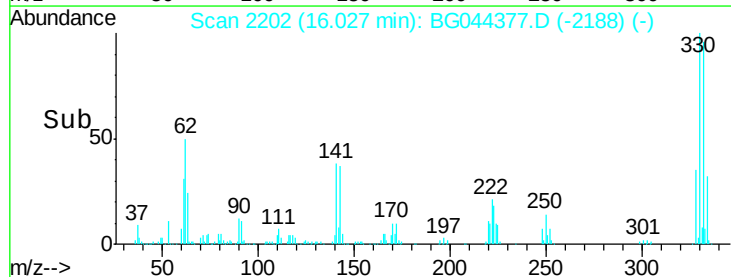
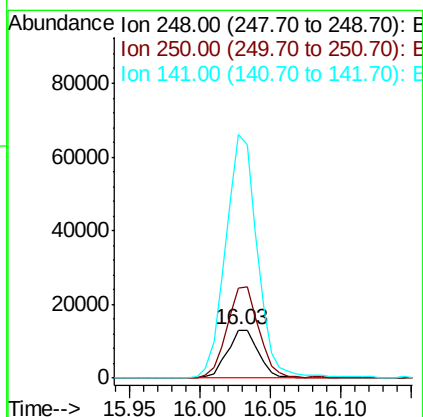
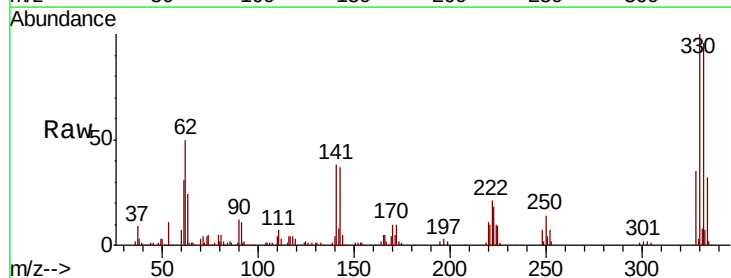
Instrument :
BNA_G
ClientSampleId :

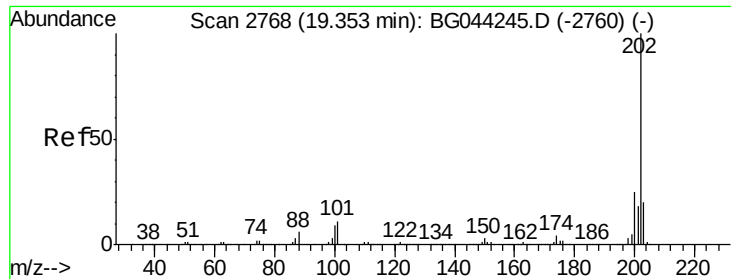
Tot Ion:188 Resp: 492985
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.759 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.45 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Tgt Ion:248 Resp: 20189
Ion Ratio Lower Upper
248 100
250 186.2 76.6 114.8#
141 505.7 54.7 82.1#





#75

Fluoranthene

Concen: 5.583 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044377.D

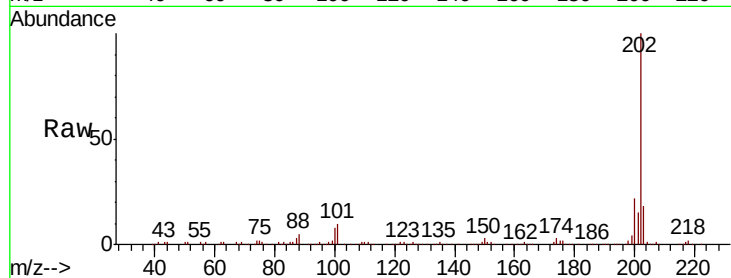
Acq: 11 Feb 2020 6:29

Instrument :

BNA_G

ClientSampleId :

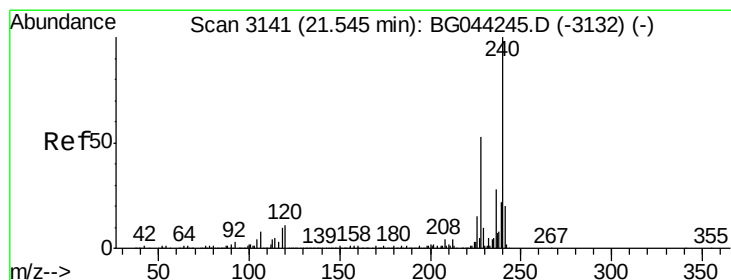
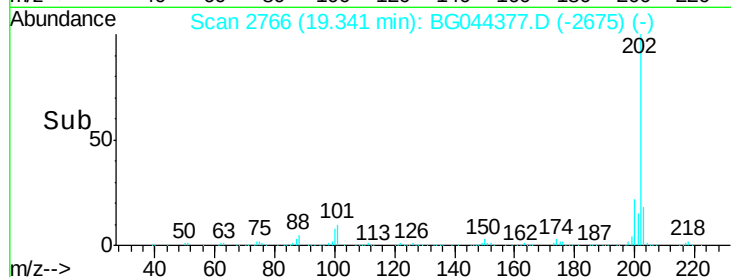
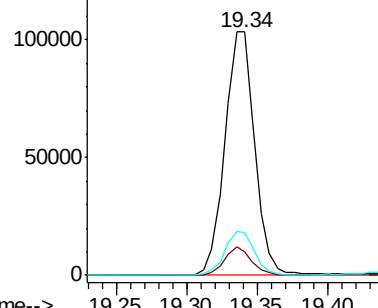
Tot Ion:	202	Resp:	154181
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	31.3
203	17.8	0.0	39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

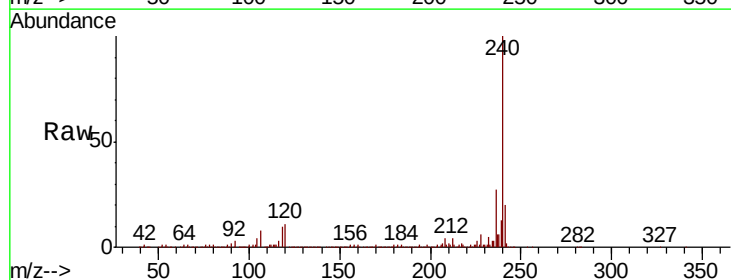
RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044377.D

Acq: 11 Feb 2020 6:29

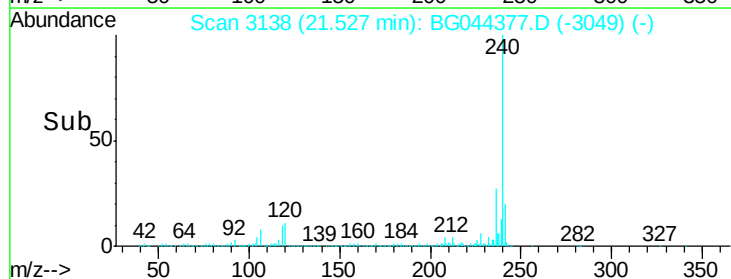
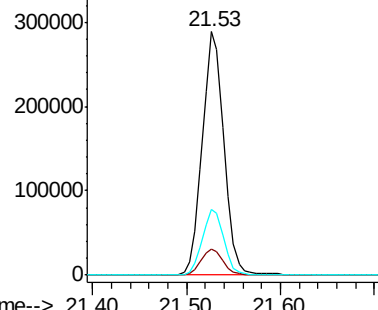
Tgt Ion:	240	Resp:	462278
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.4	12.6
236	26.8	22.1	33.1

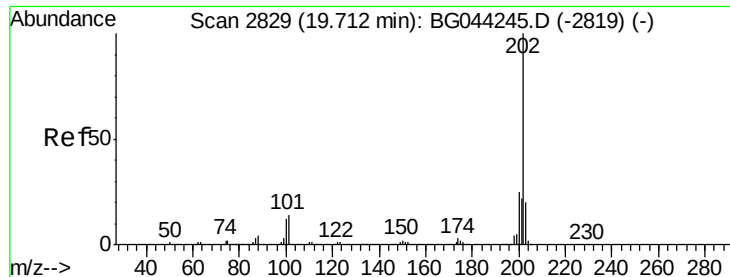


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

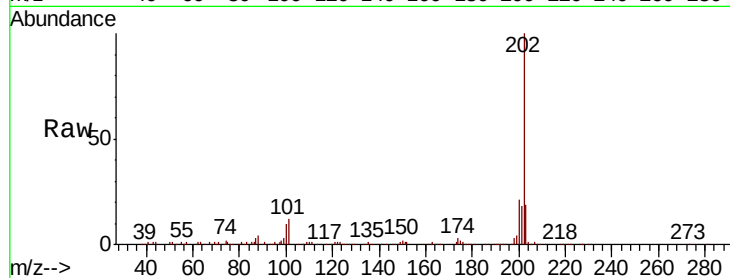




#78
Pvrene
Concen: 4.398 ng
RT: 19.70 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	20.0	30.0
203	18.7	16.2	24.2

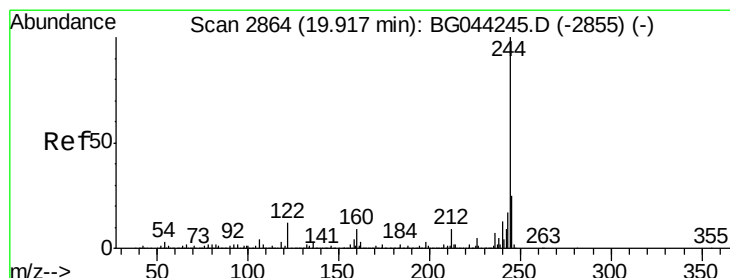
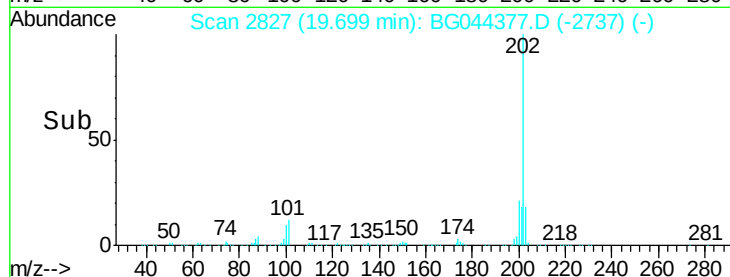
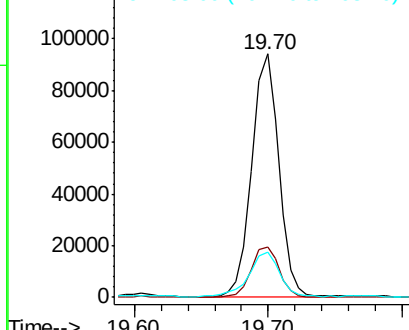


Abundance

Ion 202.00 (201.70 to 202.70): E

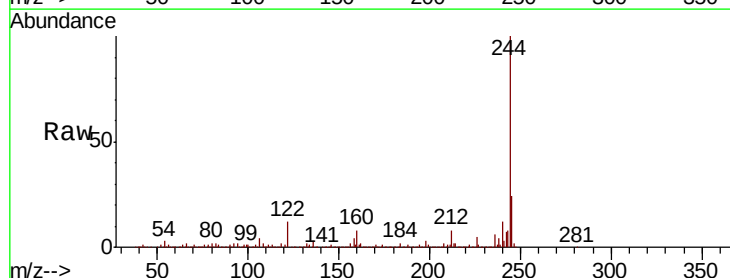
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 68.649 ng
RT: 19.90 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.9	9.8	14.6

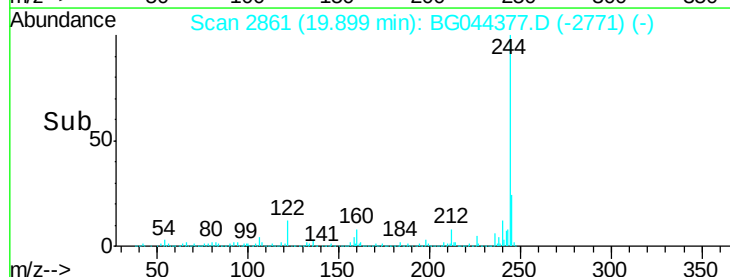
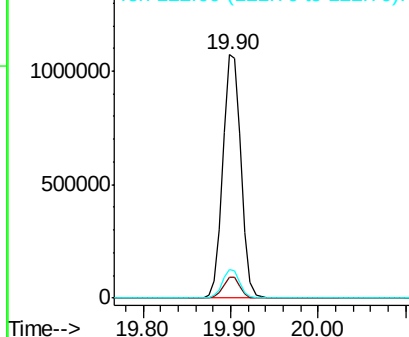


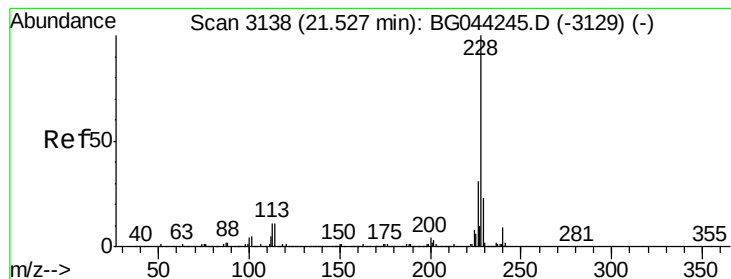
Abundance

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





#81

Benzo(a)anthracene

Concen: 3.348 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG044377.D

Acq: 11 Feb 2020 6:29

Instrument :

BNA_G

ClientSampleId :

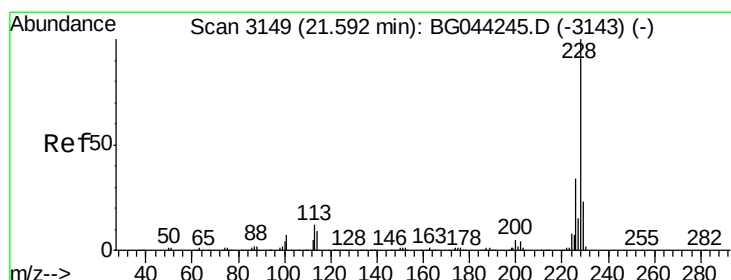
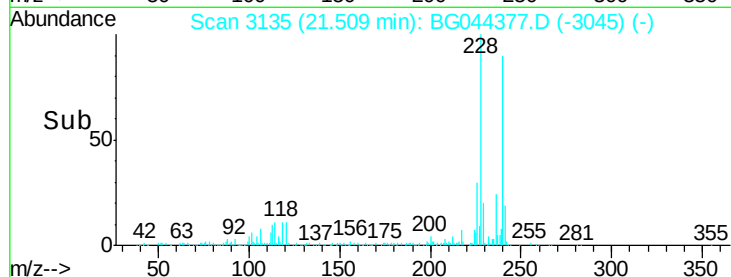
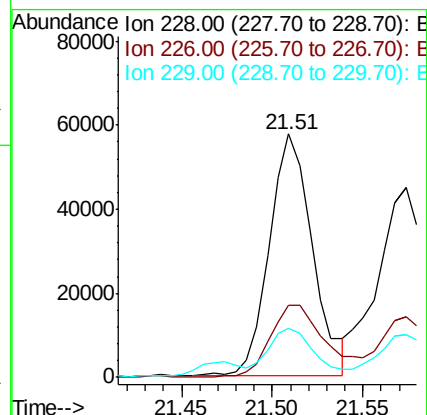
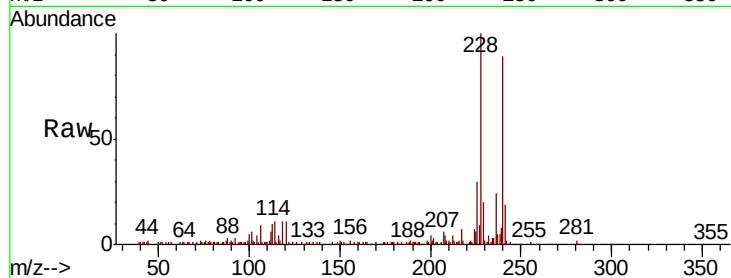
Tot Ion:228 Resp: 95390

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 20.2 18.2 27.4



#83

Chrysene

Concen: 3.036 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG044377.D

Acq: 11 Feb 2020 6:29

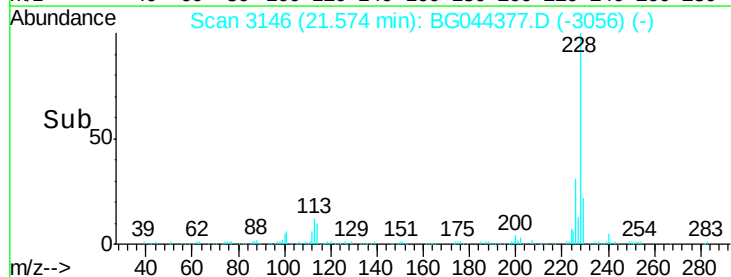
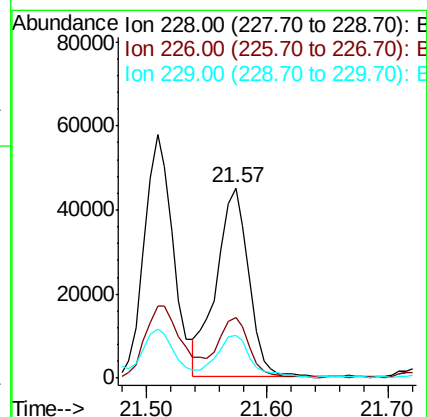
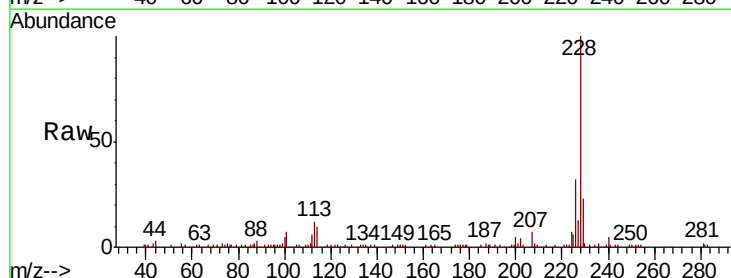
Tgt Ion:228 Resp: 83606

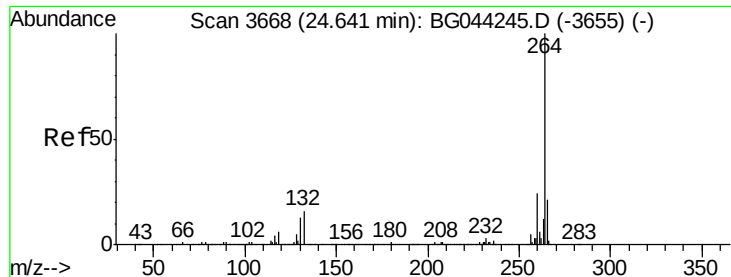
Ion Ratio Lower Upper

228 100

226 31.6 27.1 40.7

229 22.7 17.9 26.9

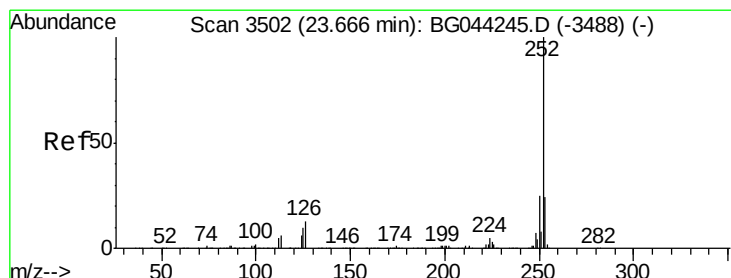
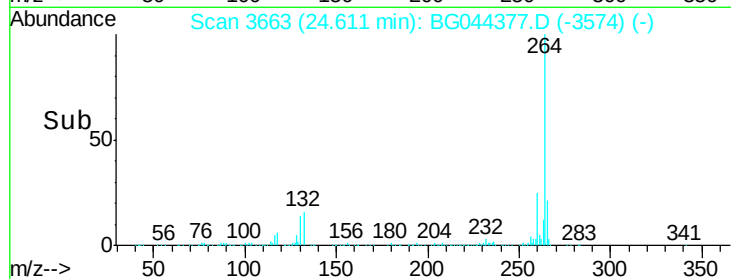
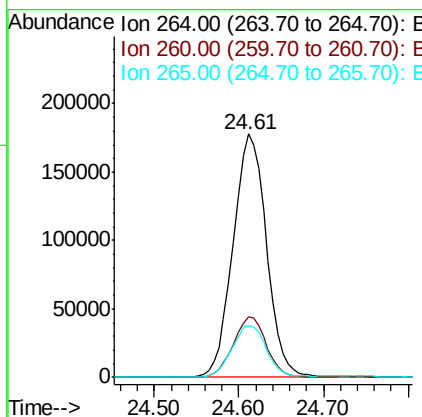
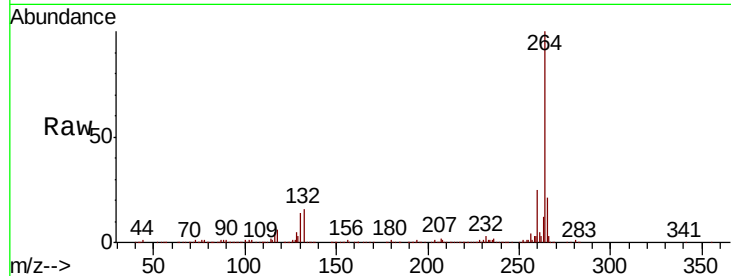




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

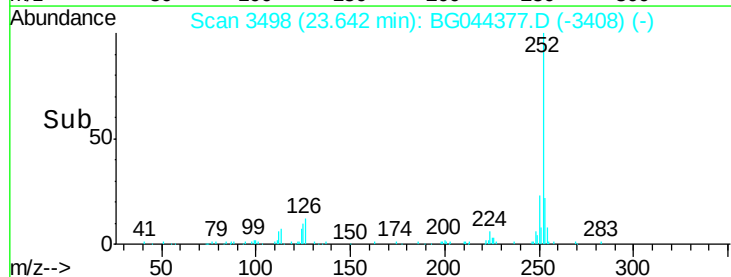
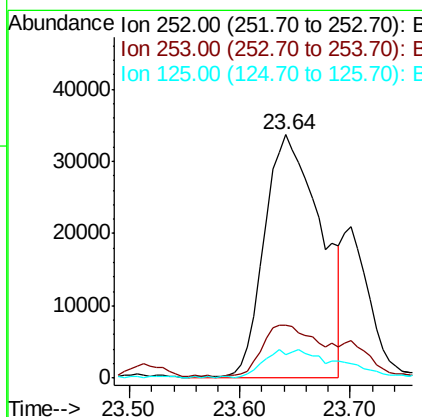
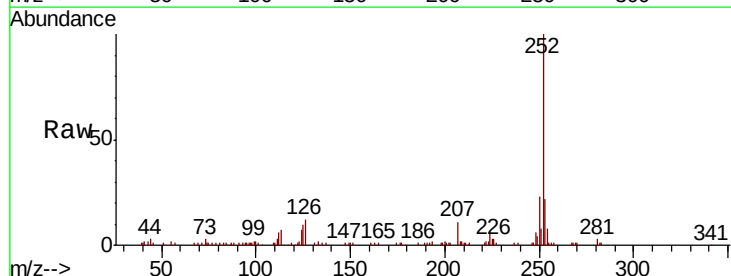
Instrument :
BNA_G
ClientSampleId :

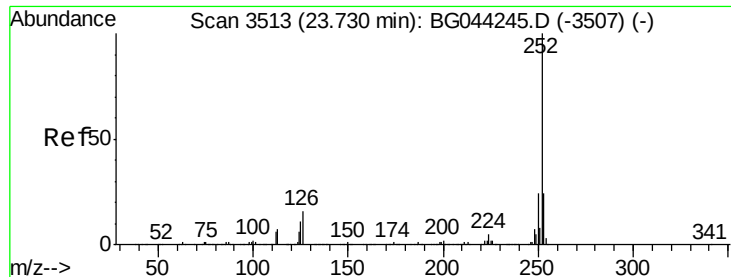
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.3	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 4.245 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.00 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.2	28.8
125	9.6	8.4	12.6

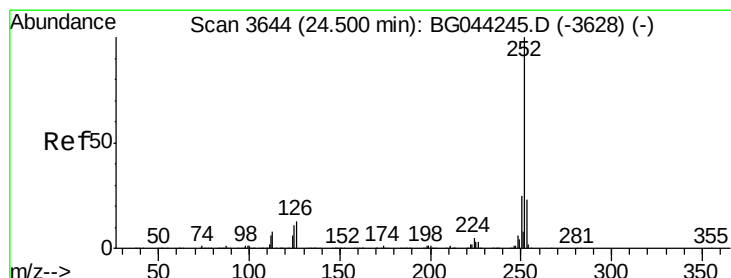
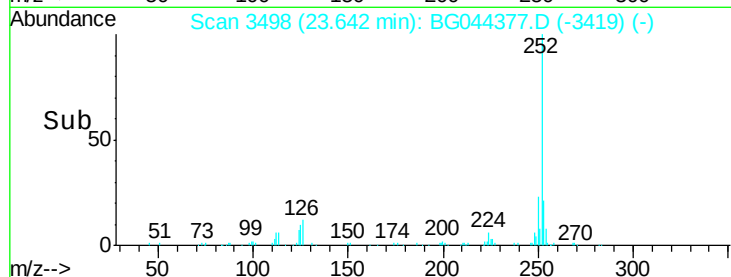
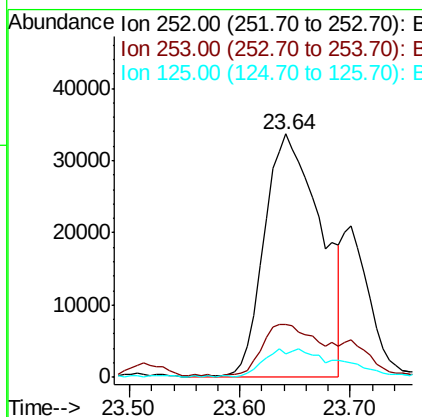
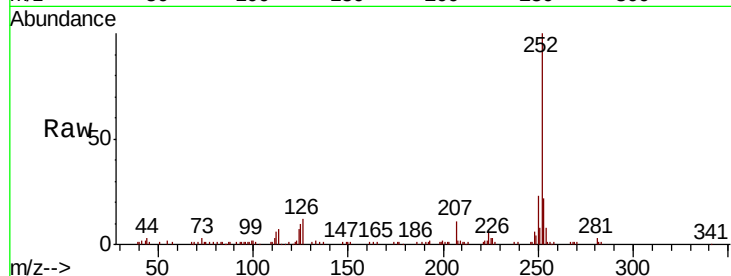




#89
Benzo(k)fluoranthene
Concen: 4.356 ng
RT: 23.64 min Scan# 3498
Delta R.T. -0.07 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.1	28.7
125	9.6	8.6	12.8



#90
Benzo(a)pyrene
Concen: 2.955 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044377.D
Acq: 11 Feb 2020 6:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.7	8.6	13.0

