

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045213.D
 Acq On : 29 Apr 2020 20:19
 Operator : CG/JU
 Sample : L2422-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 30 00:48:37 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 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60468	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	257978	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	197551	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	465487	20.00	ng	0.00
76) Chrysene-d12	21.64	240	424220	20.00	ng	0.00
87) Perylene-d12	24.82	264	482311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	483848	132.10	ng	0.00
7) Phenol-d6	7.16	99	636479	116.96	ng	0.00
23) Nitrobenzene-d5	9.15	82	503473	89.05	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	408643	133.90	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1198054	88.93	ng	0.00
79) Terphenyl-d14	19.99	244	2007644	103.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	63448	38.980	ng	# 50
3) Pyridine	3.86	79	152411	30.411	ng	99
4) n-Nitrosodimethylamine	3.76	42	69509	45.274	ng	95
6) Aniline	7.31	93	168527	23.819	ng	100
8) 2-Chlorophenol	7.56	128	204453	51.940	ng	97
9) Benzaldehyde	7.12	77	77297	21.068	ng	95
10) Phenol	7.19	94	231510	42.514	ng	98
11) bis(2-Chloroethyl)ether	7.40	93	191799	44.239	ng	100
12) 1,3-Dichlorobenzene	7.88	146	200530	43.232	ng	97
13) 1,4-Dichlorobenzene	8.03	146	199066	43.070	ng	96
14) 1,2-Dichlorobenzene	8.34	146	192102	43.445	ng	92
15) Benzyl Alcohol	8.23	79	208336	45.663	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	173110	40.675	ng	97
17) 2-Methylphenol	8.44	107	181128	43.111	ng	95
18) Hexachloroethane	9.08	117	75022	43.178	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	175663	45.646	ng	96
20) 3+4-Methylphenols	8.77	107	248779	42.304	ng	98
22) Acetophenone	8.81	105	321320	46.058	ng	# 97
24) Nitrobenzene	9.19	77	265823	45.868	ng	94
25) Isophorone	9.72	82	509440	44.000	ng	97
26) 2-Nitrophenol	9.90	139	121812	48.796	ng	98
27) 2,4-Dimethylphenol	9.97	122	196941	49.720	ng	92
28) bis(2-Chloroethoxy)methane	10.20	93	281810	46.325	ng	97
29) 2,4-Dichlorophenol	10.45	162	232245	50.778	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	238324	46.023	ng	99
31) Naphthalene	10.85	128	653364	46.296	ng	99
32) Benzoic acid	10.08	122	30177	14.552	ng	96
33) 4-Chloroaniline	10.95	127	29426	4.471	ng	95
34) Hexachlorobutadiene	11.15	225	156558	44.096	ng	97
35) Caprolactam	11.72	113	41149	22.605	ng	94
36) 4-Chloro-3-methylphenol	12.09	107	263177	48.982	ng	98
37) 2-Methylnaphthalene	12.46	142	513386	46.867	ng	98
38) 1-Methylnaphthalene	12.67	142	492961	47.670	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	286318	45.014	ng	99

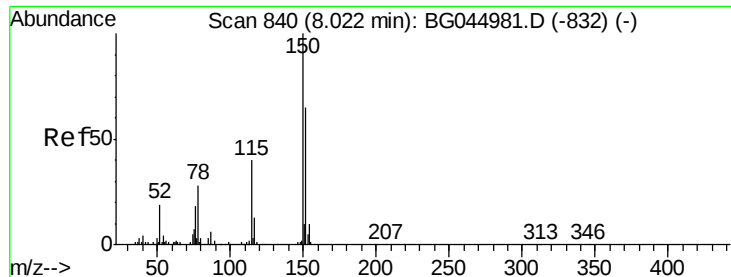
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045213.D
 Acq On : 29 Apr 2020 20:19
 Operator : CG/JU
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Instrument :
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Quant Time: Apr 30 00:48:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	320347	80.581	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	213005	47.449	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	226337	44.295	nq	99
46) 1,1'-Biphenyl	13.47	154	665256	44.305	nq	98
47) 2-Chloronaphthalene	13.51	162	518660	45.206	nq	99
48) 2-Nitroaniline	13.70	65	168295	44.583	nq	98
49) Acenaphthylene	14.35	152	842971	45.107	nq	99
50) Dimethylphthalate	14.09	163	787138	48.935	nq	99
51) 2,6-Dinitrotoluene	14.20	165	166206	46.196	nq	96
52) Acenaphthene	14.70	154	527102	41.687	nq	98
53) 3-Nitroaniline	14.53	138	69633	17.646	nq	97
54) 2,4-Dinitrophenol	14.74	184	93543	43.724	nq	93
55) Dibenzofuran	15.03	168	844078	45.788	nq	99
56) 4-Nitrophenol	14.85	139	218805	71.514	nq	94
57) 2,4-Dinitrotoluene	14.99	165	233101	44.333	nq	98
58) Fluorene	15.68	166	711921	47.280	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	224665	49.414	nq	98
60) Diethylphthalate	15.45	149	753494	44.929	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	393698	45.425	nq	98
62) 4-Nitroaniline	15.69	138	151097	36.918	nq	89
63) Azobenzene	15.97	77	713875	46.170	nq	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	100144	32.730	nq	96
66) n-Nitrosodiphenylamine	15.89	169	630290	47.127	nq	100
67) 4-Bromophenyl-phenylether	16.57	248	275803	45.928	nq	98
68) Hexachlorobenzene	16.69	284	295905	47.512	nq	98
69) Atrazine	16.84	200	255129	53.168	nq	98
70) Pentachlorophenol	17.03	266	290821	76.118	nq	98
71) Phenanthrene	17.42	178	1126355	47.088	nq	99
72) Anthracene	17.51	178	1158392	48.278	nq	99
73) Carbazole	17.78	167	1052447	43.222	nq	98
74) Di-n-butylphthalate	18.34	149	1265970	48.193	nq	100
75) Fluoranthene	19.43	202	1393011	50.269	nq	99
77) Benzidine	19.61	184	445405	34.915	nq	98
78) Pyrene	19.79	202	1357487	46.416	nq	98
80) Butylbenzylphthalate	20.68	149	562588	46.408	nq	99
81) Benzo(a)anthracene	21.63	228	1301346	47.330	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	251550	22.986	nq	97
83) Chrysene	21.69	228	1274786	48.254	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	785536	47.114	nq	99
85) Di-n-octyl phthalate	22.74	149	1357950	47.099	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1717966	48.980	nq	# 97
88) Benzo(b)fluoranthene	23.81	252	1417068	46.905	nq	99
89) Benzo(k)fluoranthene	23.88	252	1395908	48.585	nq	98
90) Benzo(a)pyrene	24.68	252	1308196	45.862	nq	98
91) Dibenzo(a,h)anthracene	28.49	278	1390169	48.366	nq	96
92) Benzo(g,h,i)perylene	29.55	276	1391689	48.295	nq	98

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

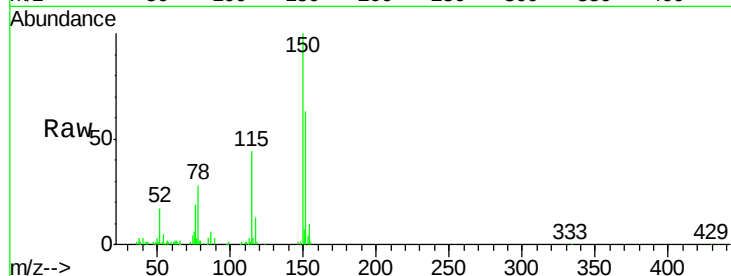


#1

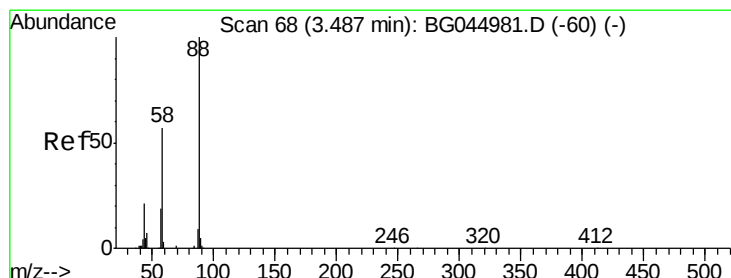
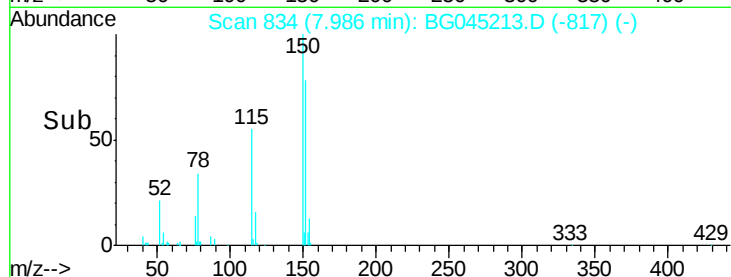
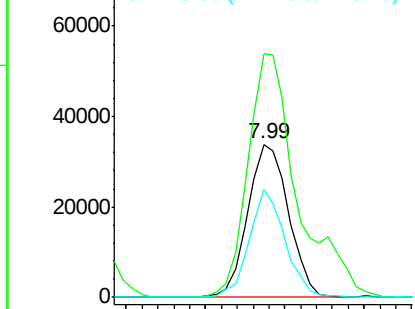
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60468
Ion Ratio Lower Upper
152 100
150 159.2 123.6 185.4
115 70.2 49.1 73.7



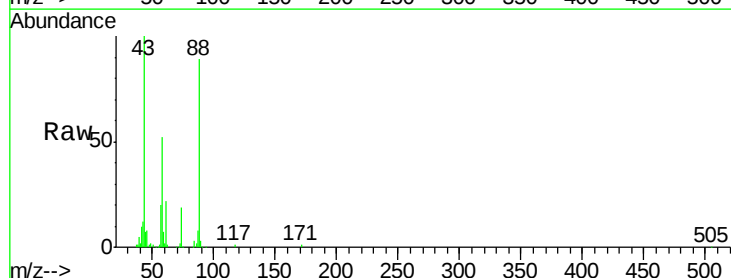
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



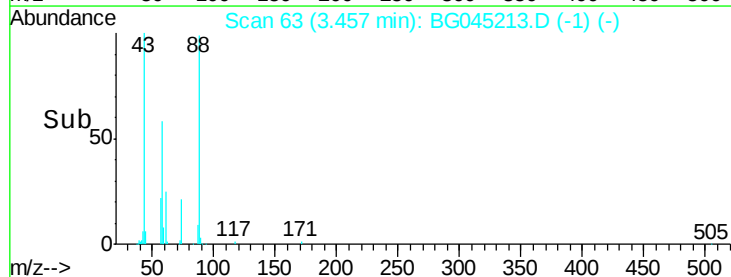
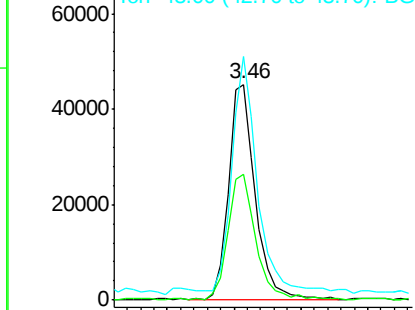
#2

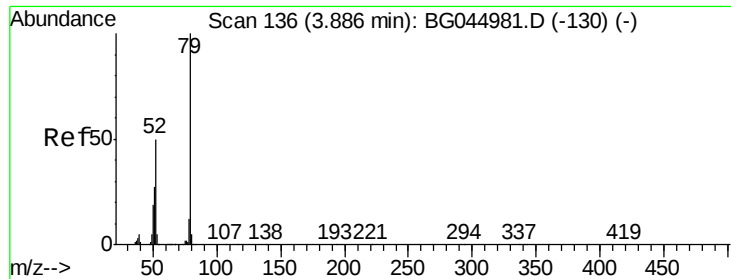
1,4-Dioxane
Concen: 38.980 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion: 88 Resp: 63448
Ion Ratio Lower Upper
88 100
58 59.9 46.6 69.8
43 105.6 17.5 26.3#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.411 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

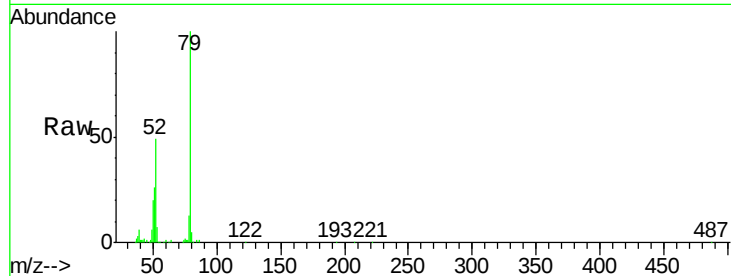
Tot Ion: 79 Resp: 152411

Ion Ratio Lower Upper

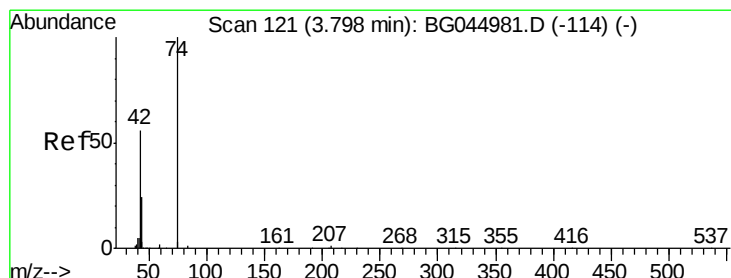
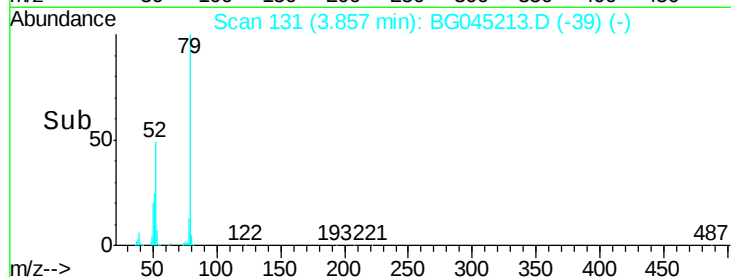
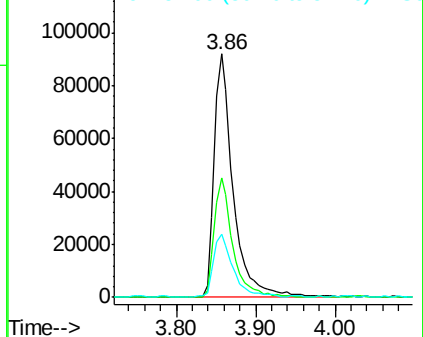
79 100

52 49.0 39.8 59.6

51 25.8 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.274 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

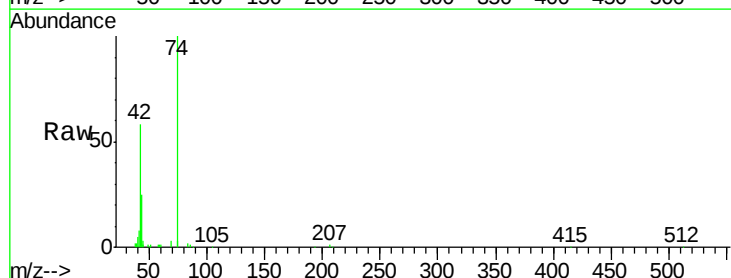
Tgt Ion: 42 Resp: 69509

Ion Ratio Lower Upper

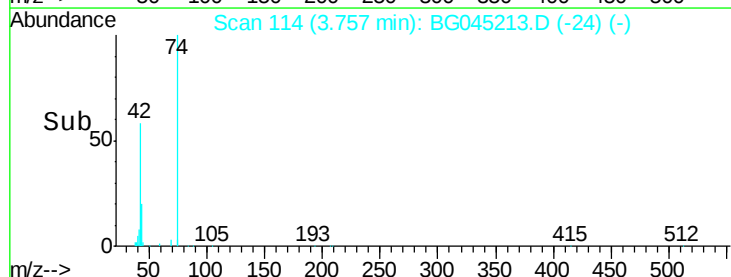
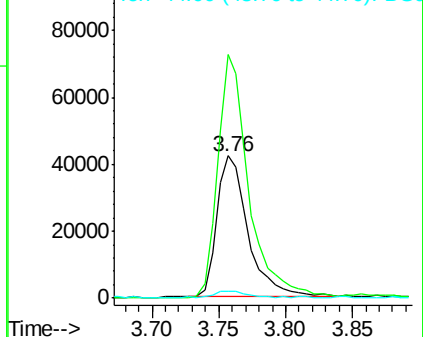
42 100

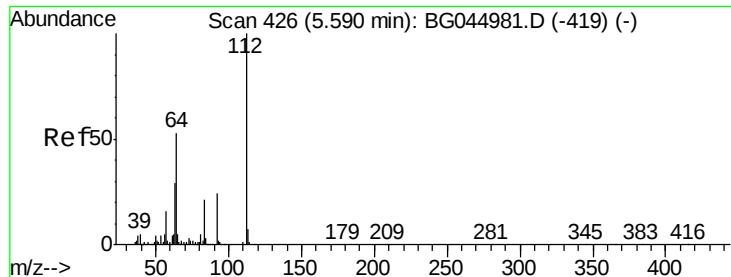
74 171.4 143.0 214.6

44 5.1 4.6 6.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.104 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

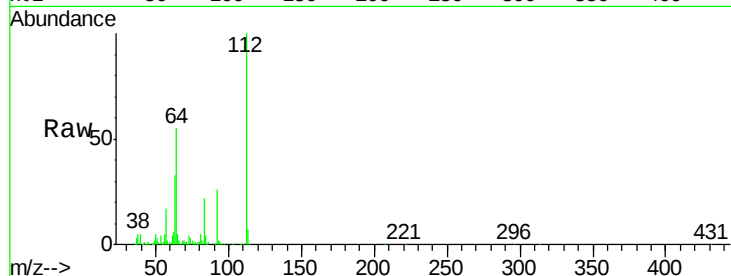
Tot Ion:112 Resp: 483848

Ion Ratio Lower Upper

112 100

64 55.4 42.4 63.6

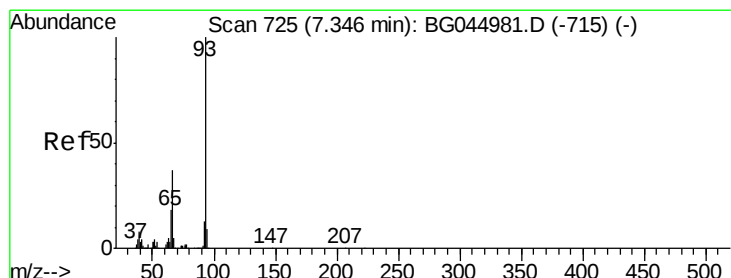
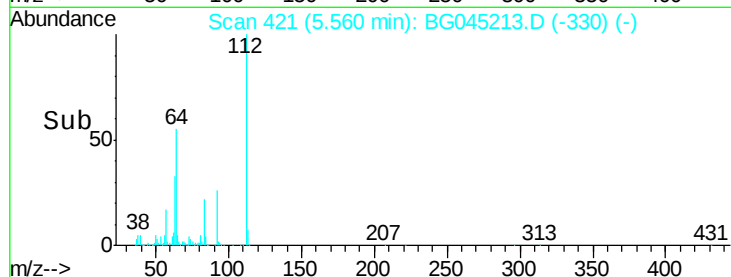
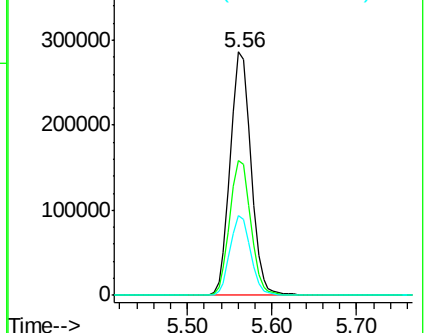
63 32.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.819 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

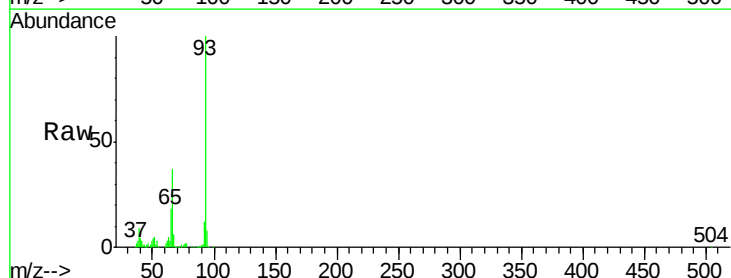
Tgt Ion: 93 Resp: 168527

Ion Ratio Lower Upper

93 100

66 37.0 29.8 44.8

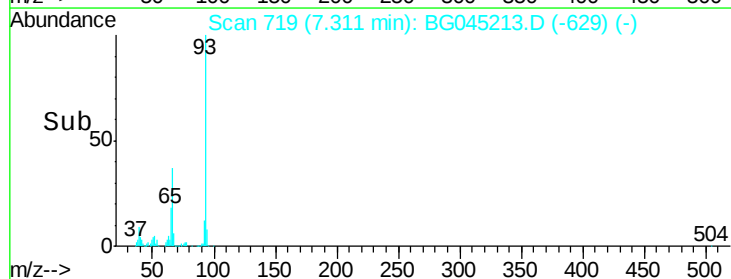
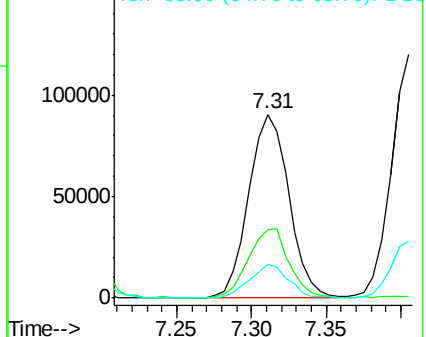
65 18.3 14.6 22.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.962 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

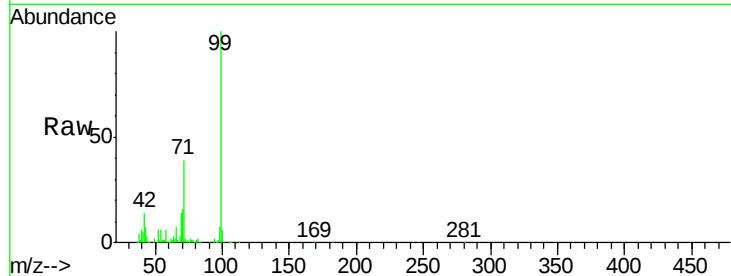
Tot Ion: 99 Resp: 636479

Ion Ratio Lower Upper

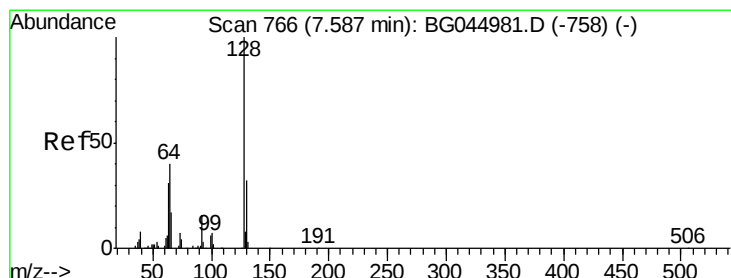
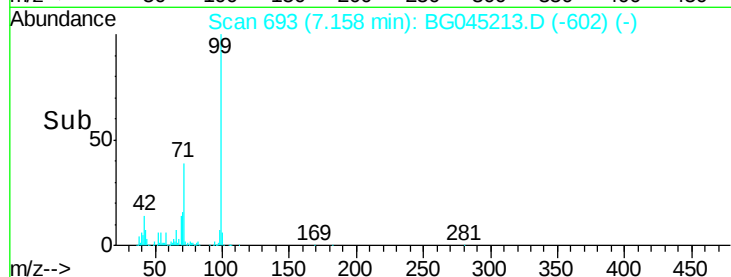
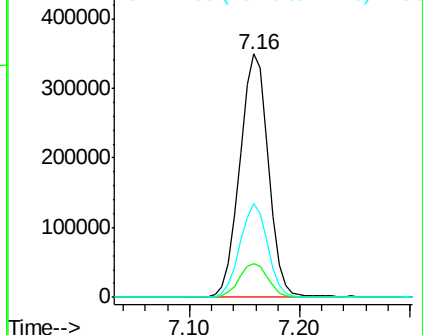
99 100

42 14.0 11.3 16.9

71 38.8 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



#8

2-Chlorophenol

Concen: 51.940 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

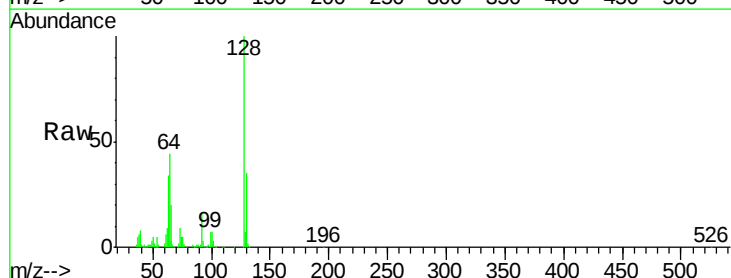
Tgt Ion: 128 Resp: 204453

Ion Ratio Lower Upper

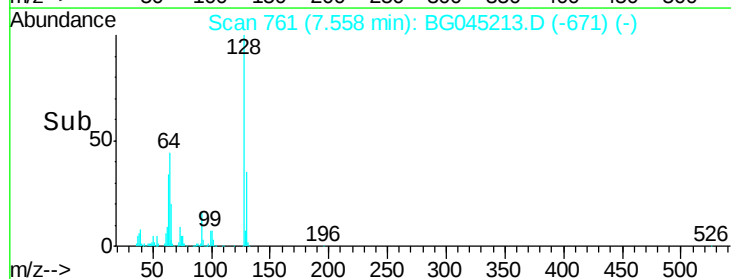
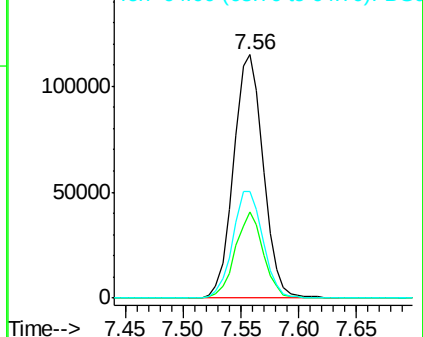
128 100

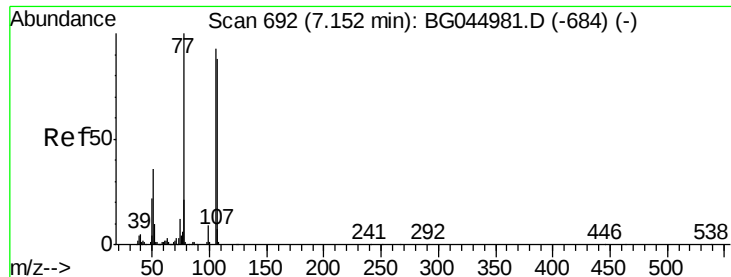
130 35.5 12.3 52.3

64 43.9 24.4 64.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.068 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampled :

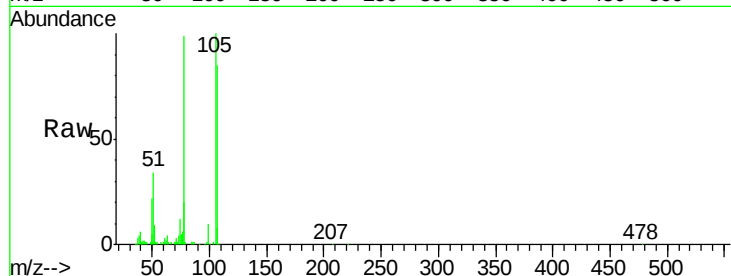
Tot Ion: 77 Resp: 77297

Ion Ratio Lower Upper

77 100

105 101.1 72.9 112.9

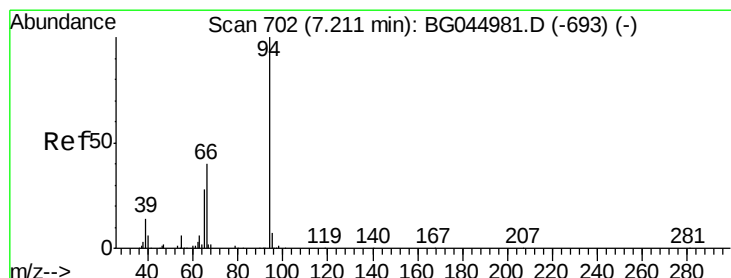
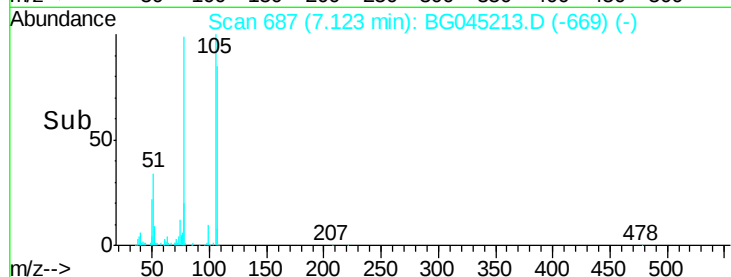
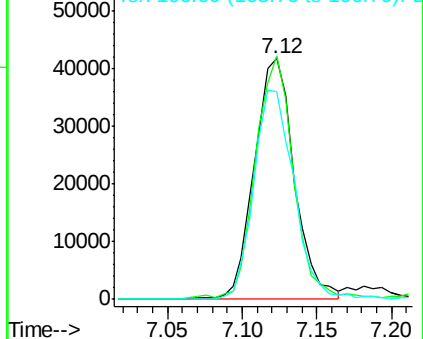
106 86.2 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.514 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

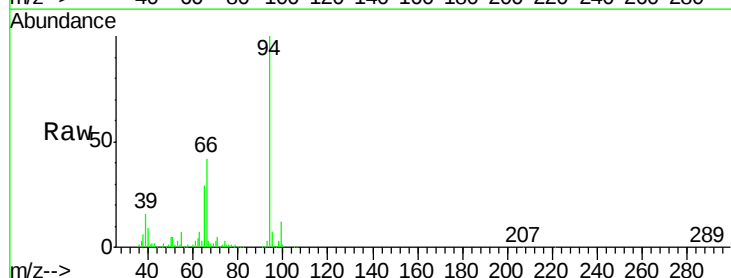
Tgt Ion: 94 Resp: 231510

Ion Ratio Lower Upper

94 100

65 28.5 8.2 48.2

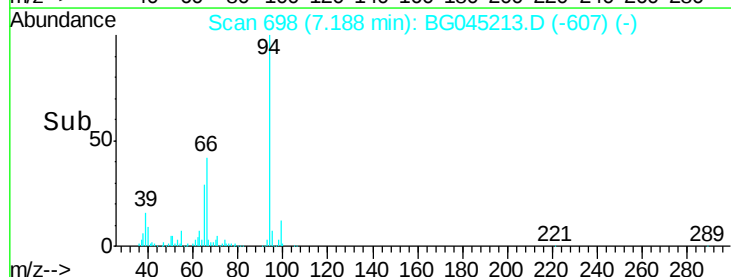
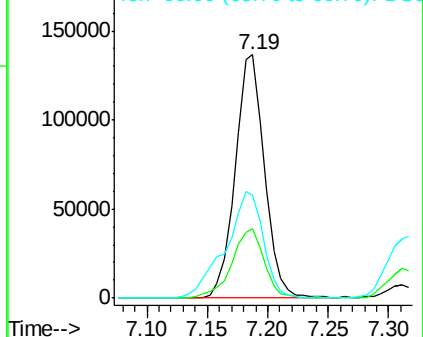
66 42.4 20.4 60.4



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

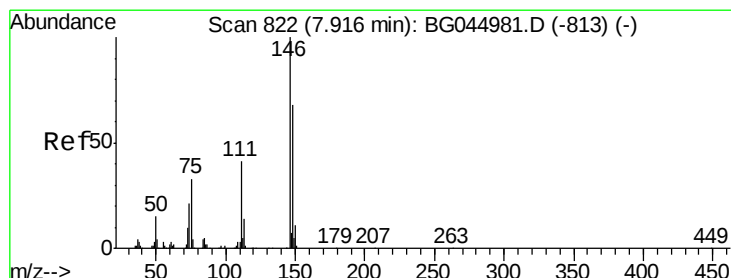
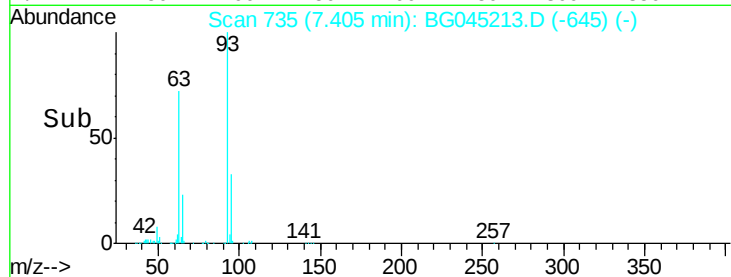
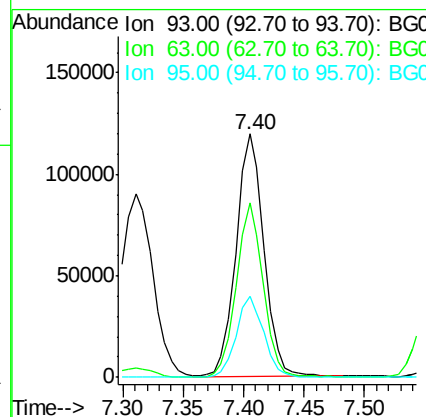
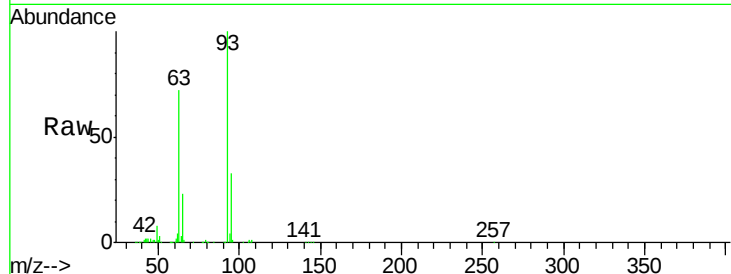




#11
 bis(2-Chloroethyl)ether
 Concen: 44.239 ng
 RT: 7.40 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

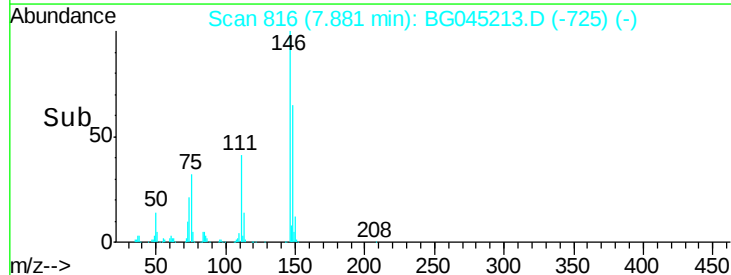
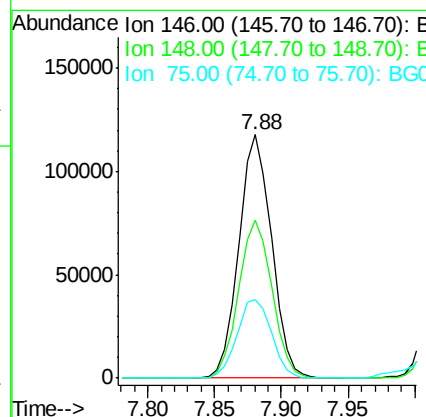
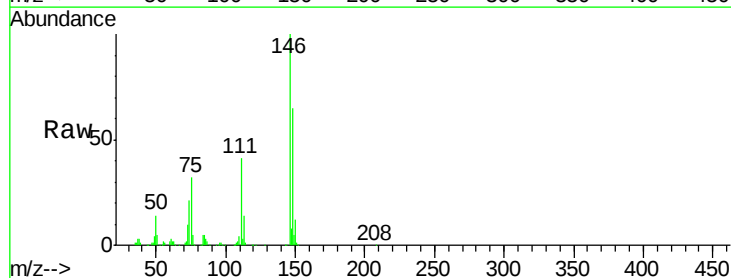
Instrument :
 BNA_G
 ClientSampleId :

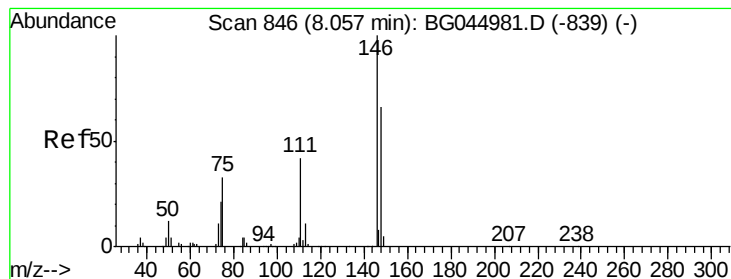
Tot Ion	93	Resp	191799
Ion	Ratio	Lower	Upper
93	100		
63	71.7	51.8	91.8
95	33.5	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 43.232 ng
 RT: 7.88 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion	146	Resp	200530
Ion	Ratio	Lower	Upper
146	100		
148	64.8	54.6	81.8
75	32.5	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 43.070 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

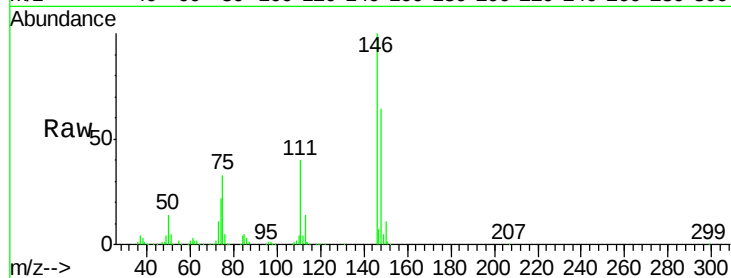
Tot Ion:146 Resp: 199066

Ion Ratio Lower Upper

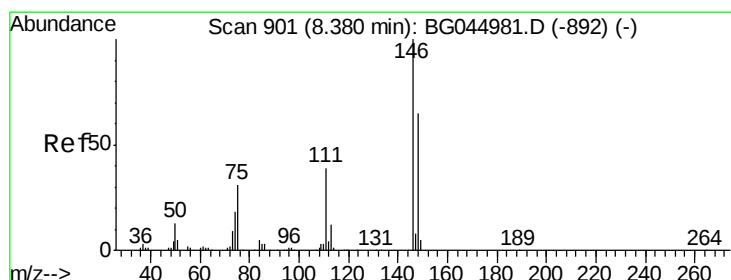
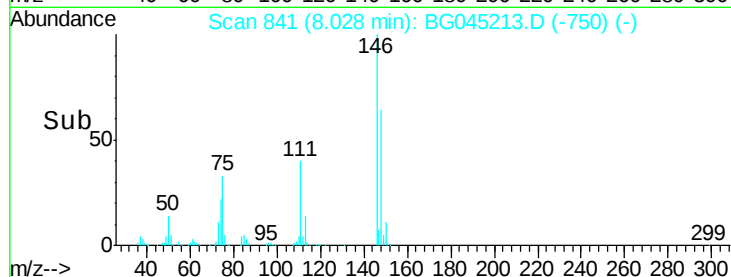
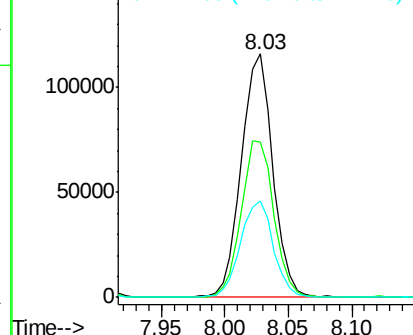
146 100

148 63.5 53.3 79.9

111 39.7 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.445 ng

RT: 8.34 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

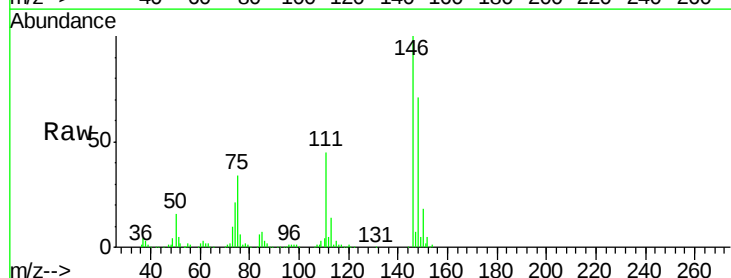
Tgt Ion:146 Resp: 192102

Ion Ratio Lower Upper

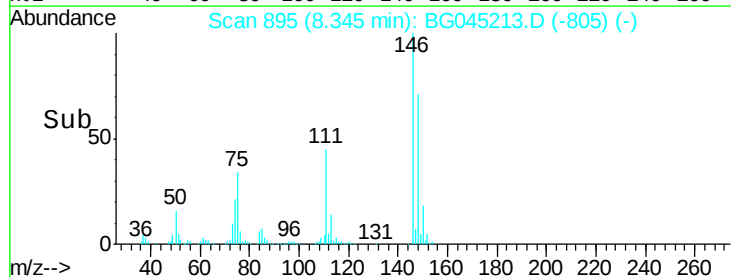
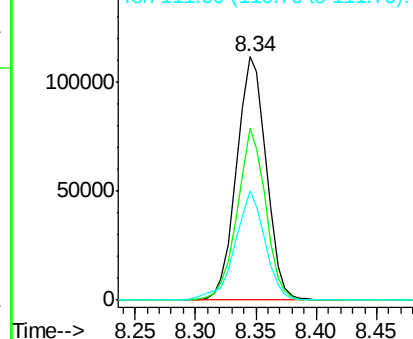
146 100

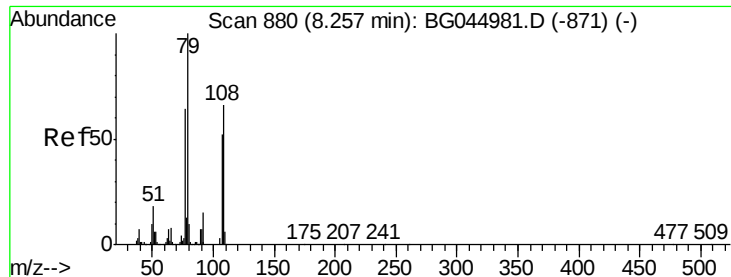
148 70.9 51.9 77.9

111 44.8 31.3 46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.663 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

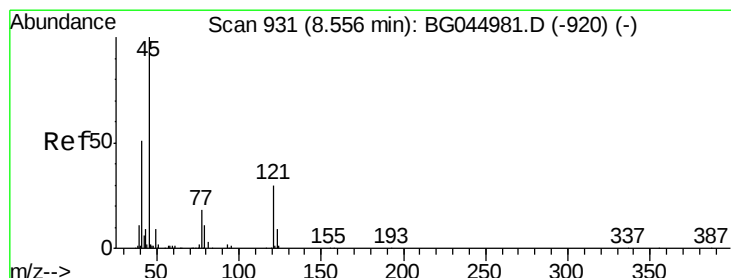
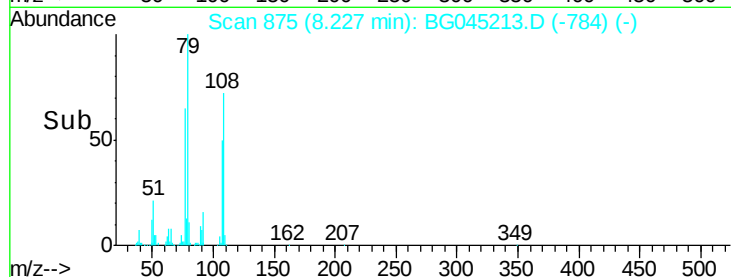
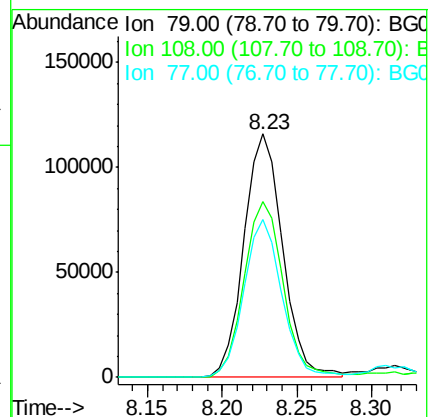
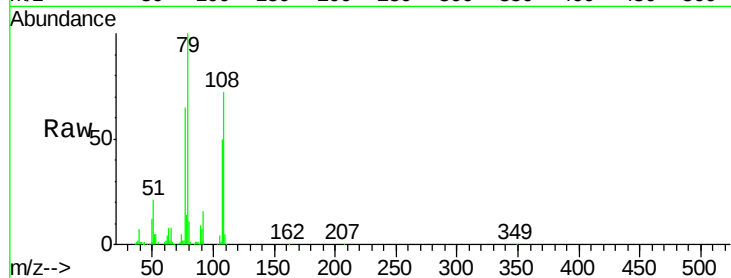
Tot Ion: 79 Resp: 208336

Ion Ratio Lower Upper

79 100

108 72.3 52.7 79.1

77 64.9 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.675 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

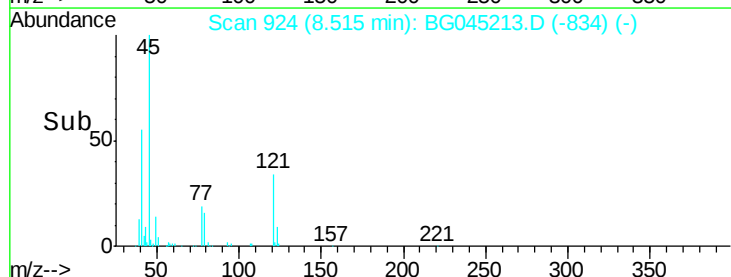
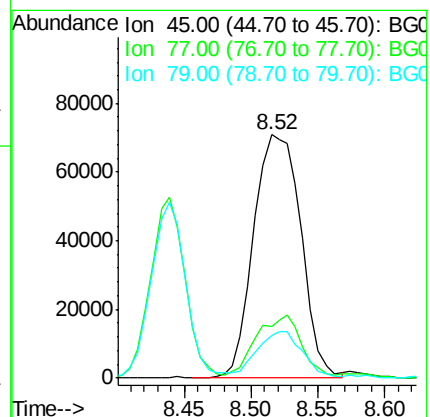
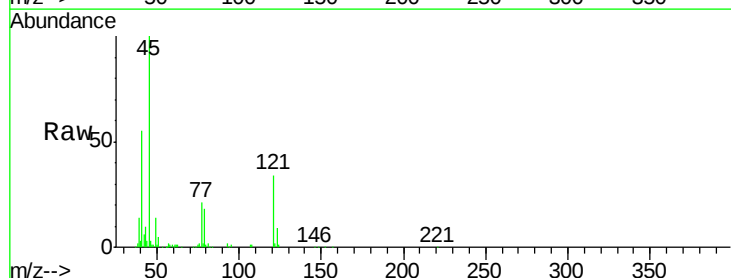
Tgt Ion: 45 Resp: 173110

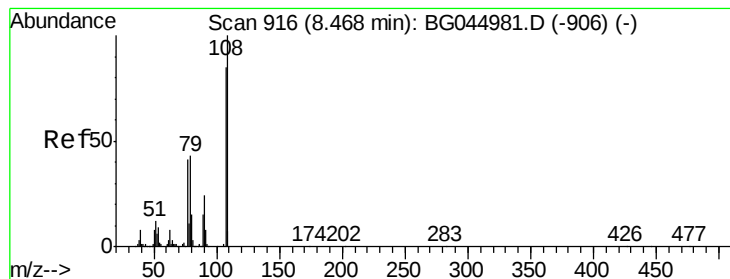
Ion Ratio Lower Upper

45 100

77 21.3 1.9 41.9

79 17.6 0.0 35.5





#17

2-Methylphenol

Concen: 43.111 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 181128

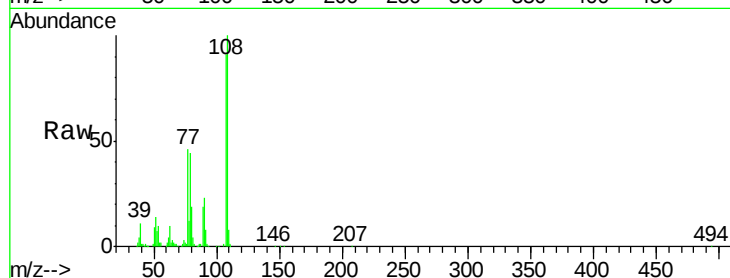
Ion Ratio Lower Upper

107 100

108 110.4 93.8 140.6

77 50.3 38.5 57.7

79 48.8 40.1 60.1

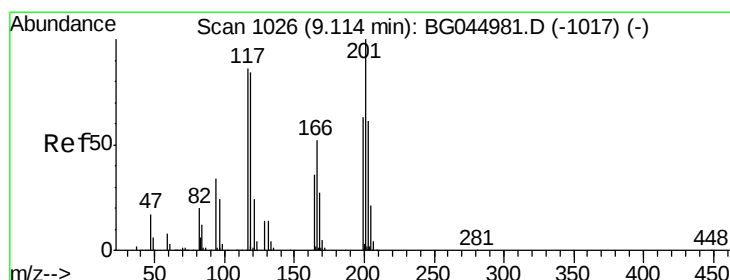
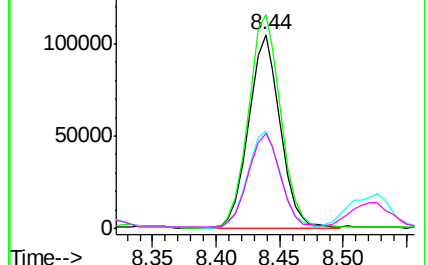
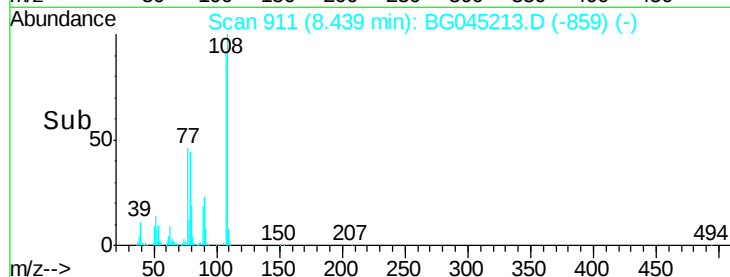


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.178 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

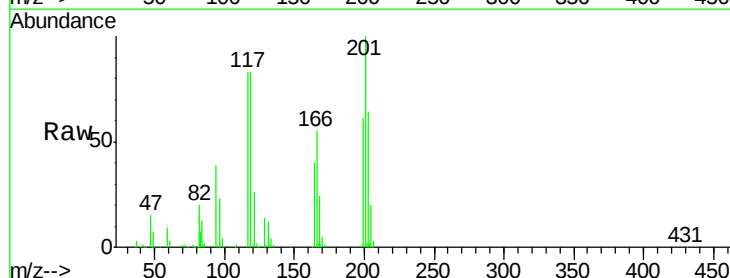
Tgt Ion:117 Resp: 75022

Ion Ratio Lower Upper

117 100

119 99.6 78.3 117.5

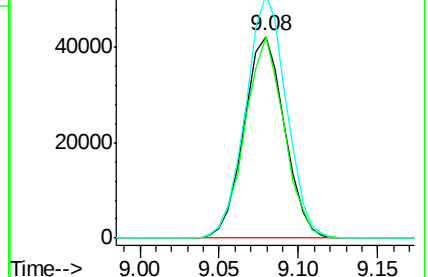
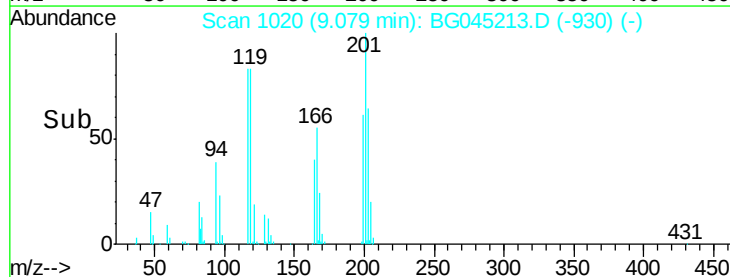
201 120.6 92.9 139.3

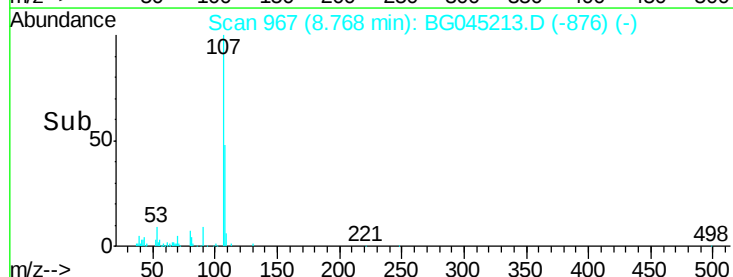
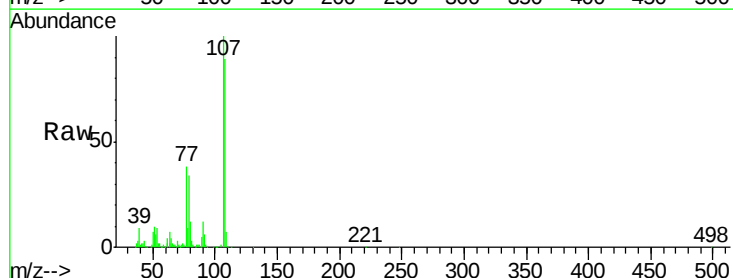
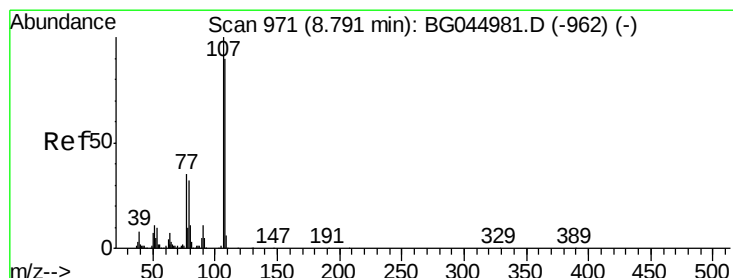
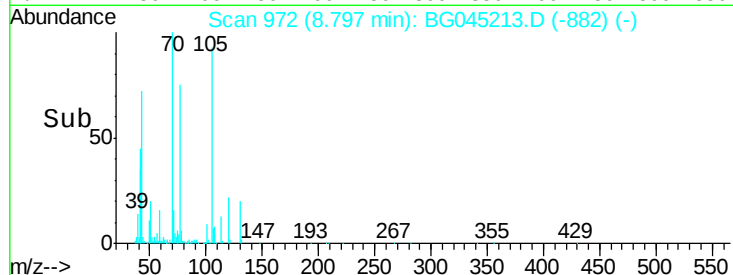
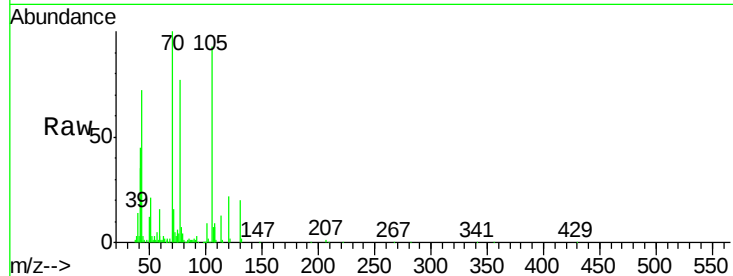


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

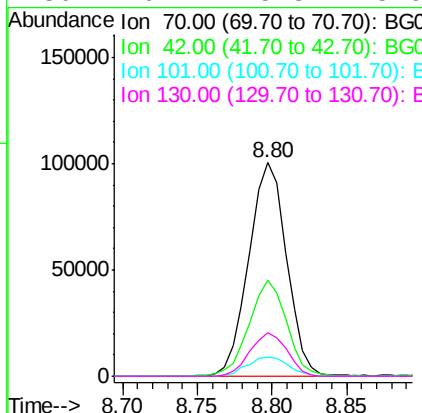




#19
n-Nitroso-di-n-propylamine
Concen: 45.646 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

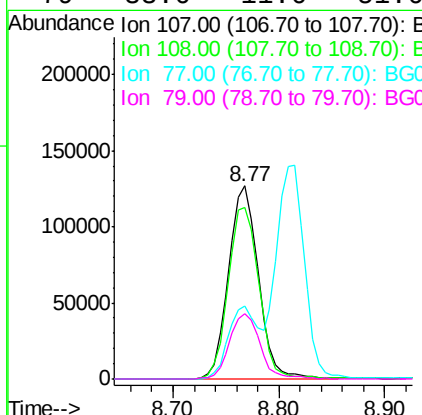
Instrument :
BNA_G
ClientSampleId :

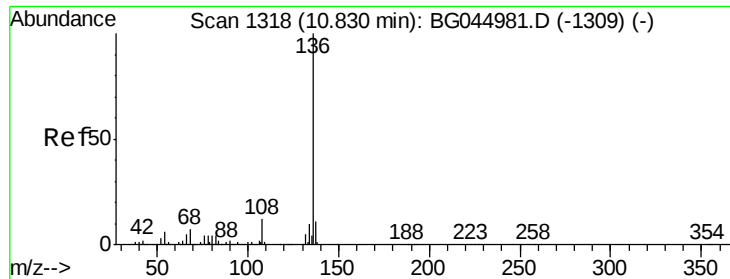
Tot Ion: 70 Resp: 175663
Ion Ratio Lower Upper
70 100
42 44.9 33.3 49.9
101 8.9 7.8 11.8
130 20.4 15.8 23.6



#20
3+4-Methylphenols
Concen: 42.304 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion: 107 Resp: 248779
Ion Ratio Lower Upper
107 100
108 88.6 69.9 109.9
77 37.6 15.2 55.2
79 33.6 11.6 51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 257978

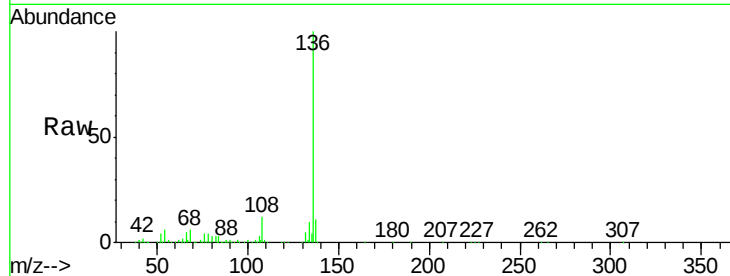
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.3 4.8 7.2

68 6.0 5.2 7.8

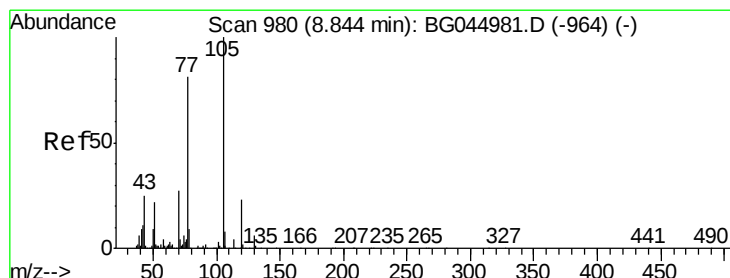
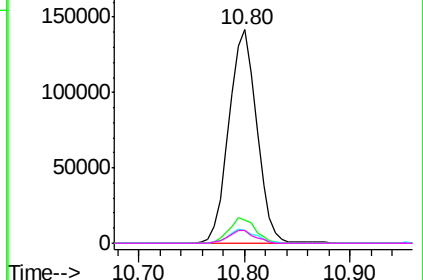
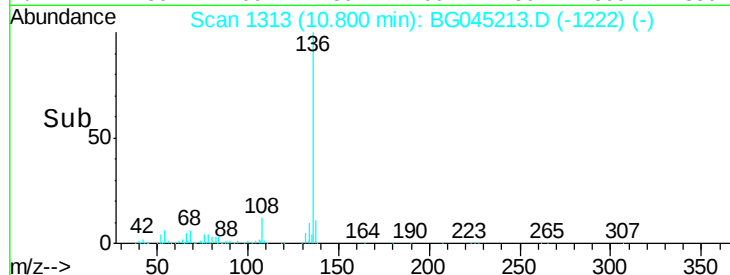


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 46.058 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Tgt Ion:105 Resp: 321320

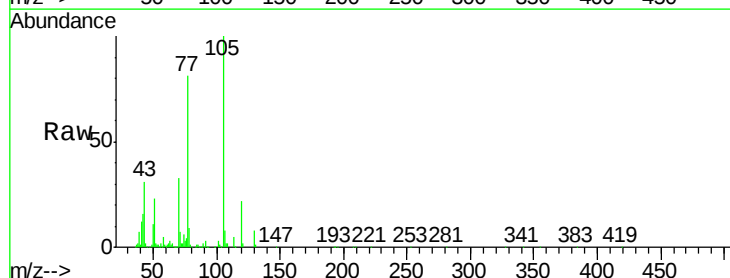
Ion Ratio Lower Upper

105 100

71 6.7 3.3 4.9#

51 23.4 17.3 25.9

120 22.0 18.4 27.6

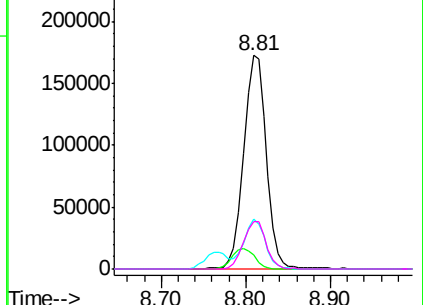
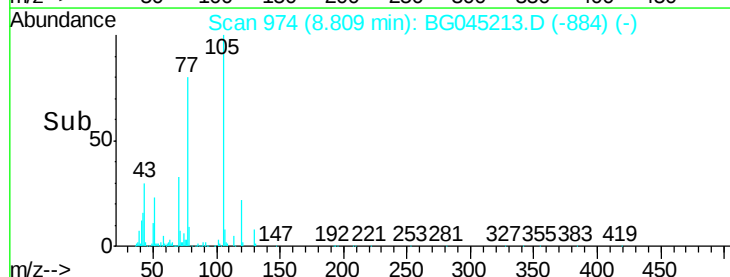


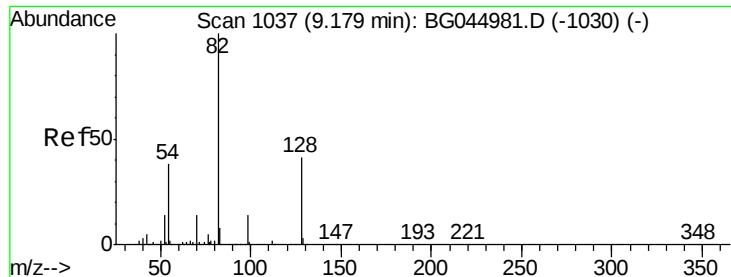
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

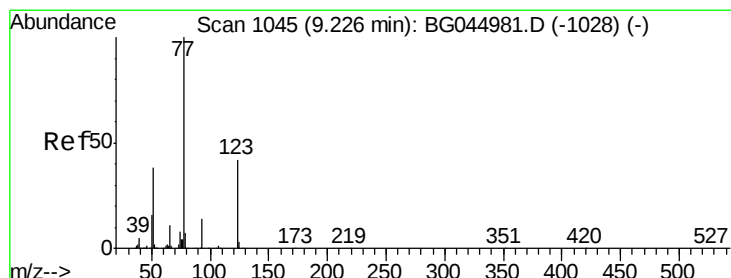
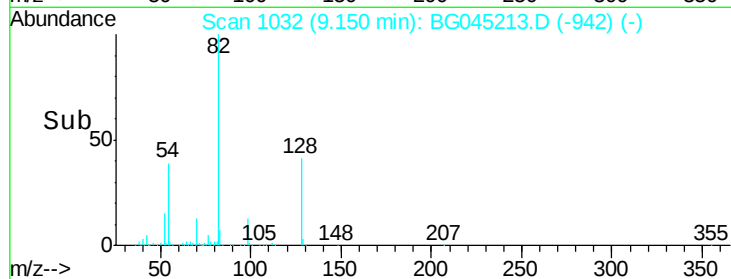
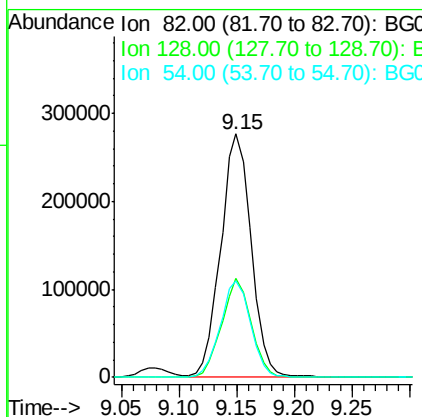
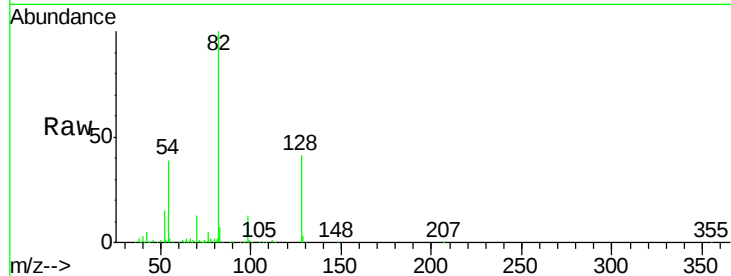




#23
 Nitrobenzene-d5
 Concen: 89.050 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

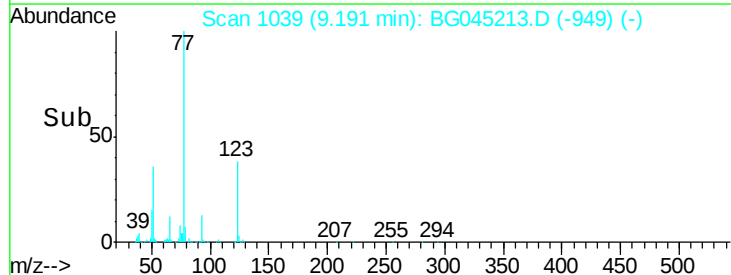
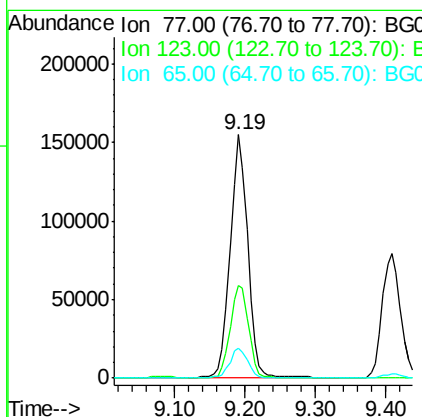
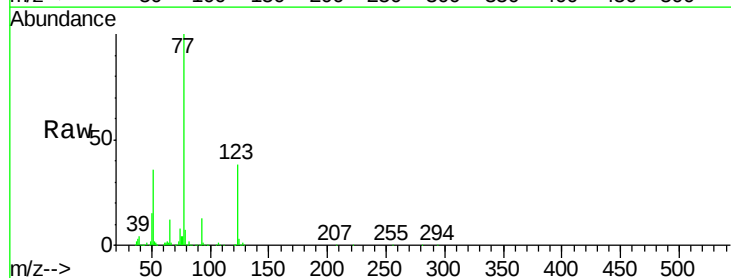
Instrument :
 BNA_G
 ClientSampleId :

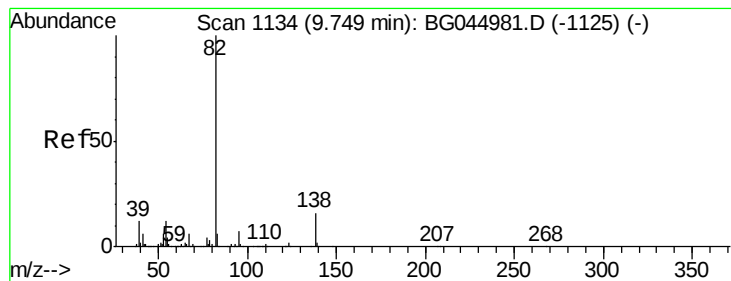
Tot Ion	82	Resp	503473
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.0	49.4
54	39.5	30.4	45.6



#24
 Nitrobenzene
 Concen: 45.868 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion	77	Resp	265823
Ion Ratio	Lower	Upper	
77	100		
123	38.2	34.3	51.5
65	12.3	8.9	13.3





#25

Isophorone

Concen: 44.000 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

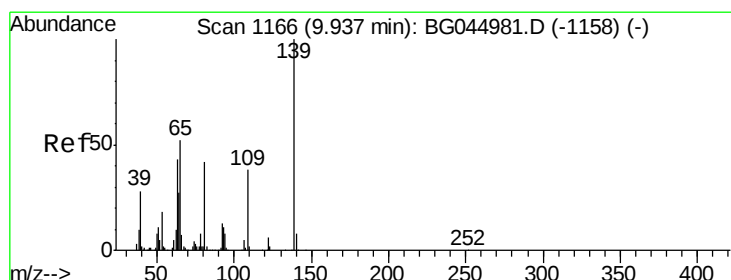
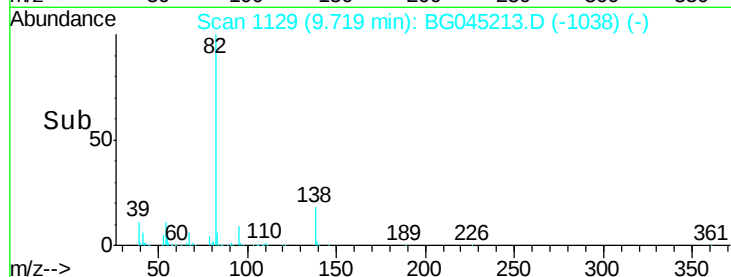
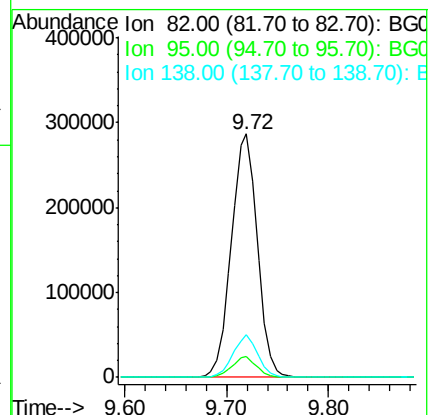
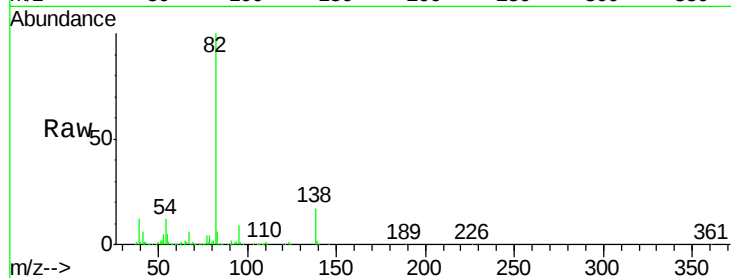
Tot Ion: 82 Resp: 509440

Ion Ratio Lower Upper

82 100

95 8.6 6.0 9.0

138 17.3 12.7 19.1



#26

2-Nitrophenol

Concen: 48.796 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

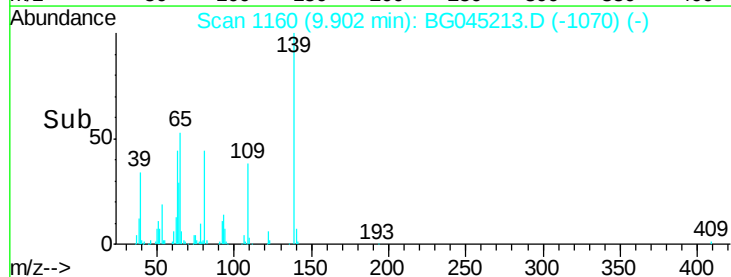
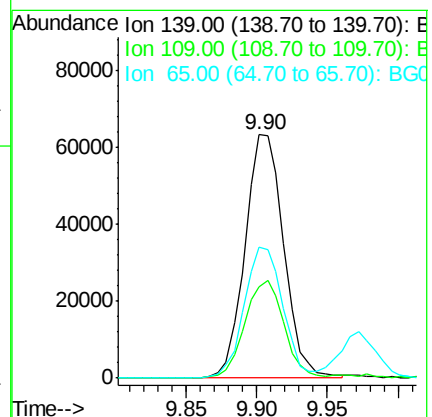
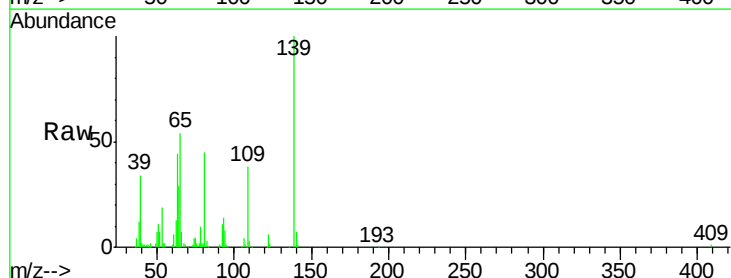
Tgt Ion: 139 Resp: 121812

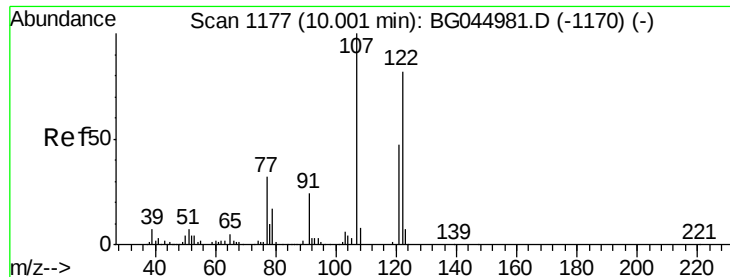
Ion Ratio Lower Upper

139 100

109 37.5 30.6 45.8

65 53.6 41.8 62.6

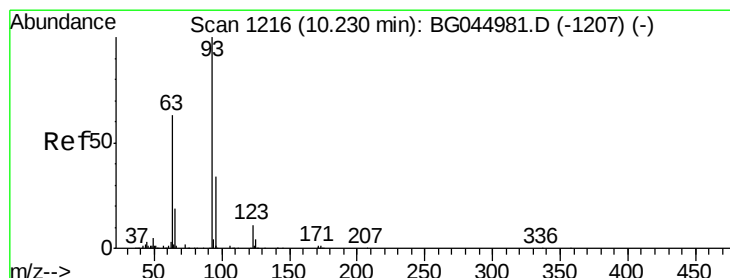
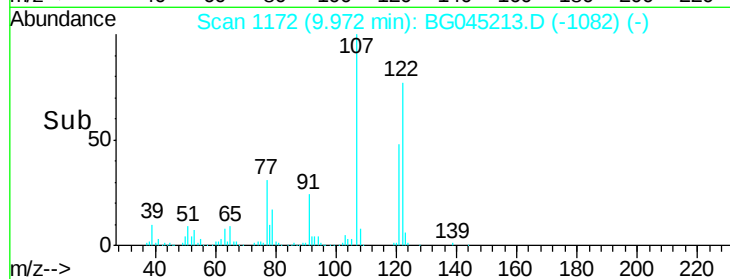
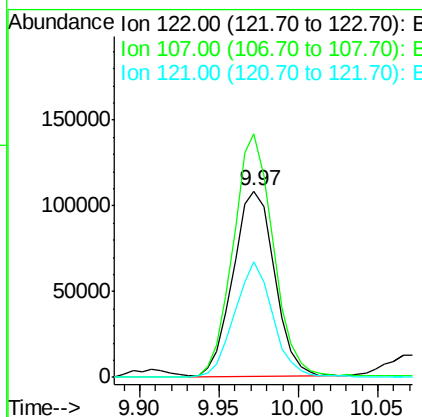
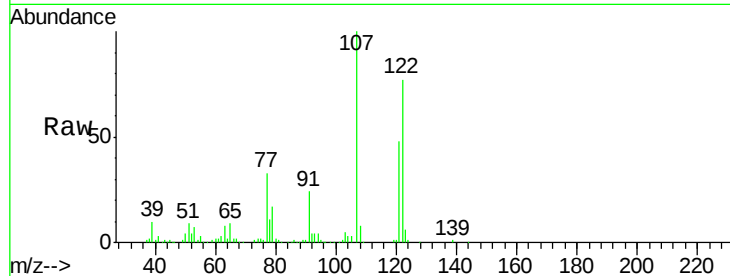




#27
 2,4-Dimethylphenol
 Concen: 49.720 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

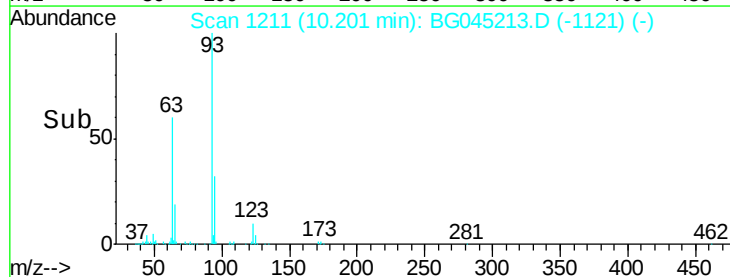
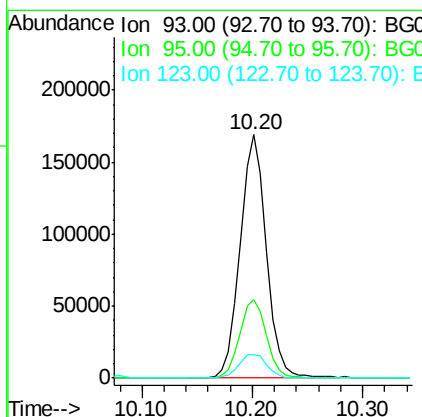
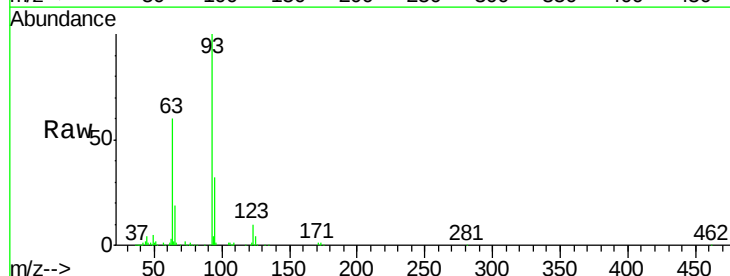
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.5	96.8	145.2
121	62.0	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.325 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.0	40.4
123	9.7	8.7	13.1

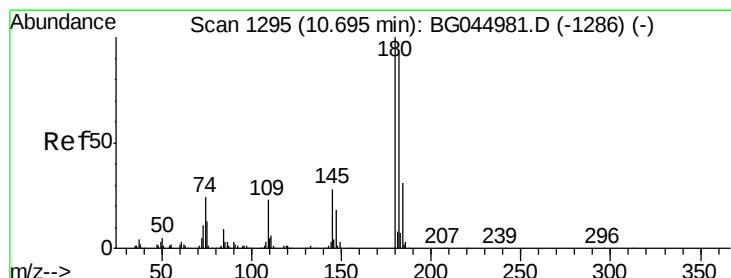
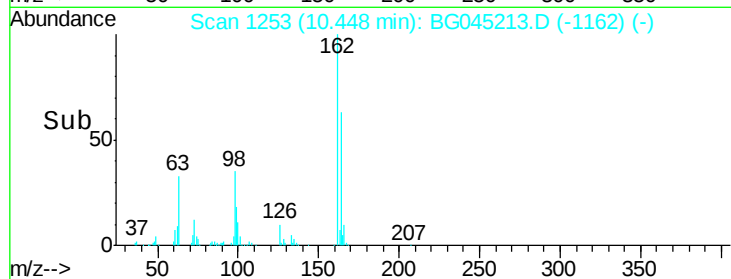
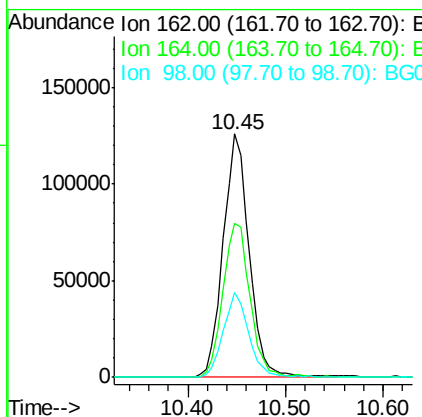
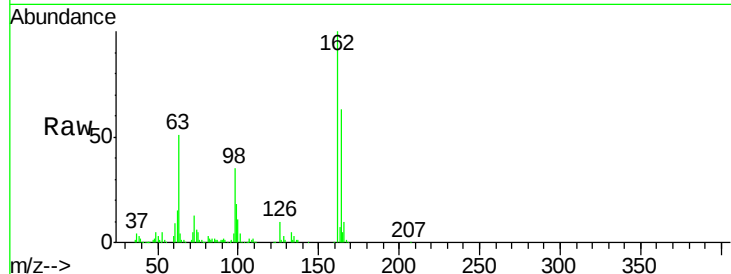




#29
 2,4-Dichlorophenol
 Concen: 50.778 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

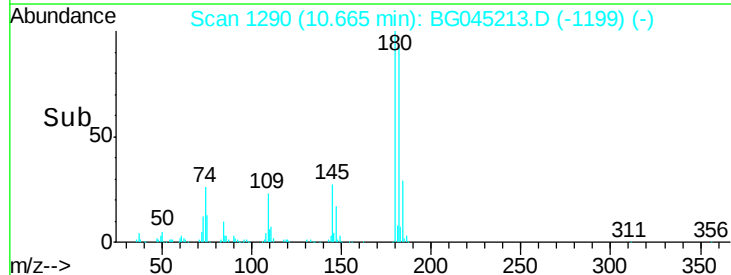
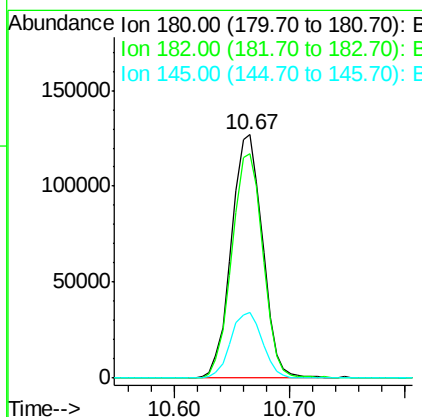
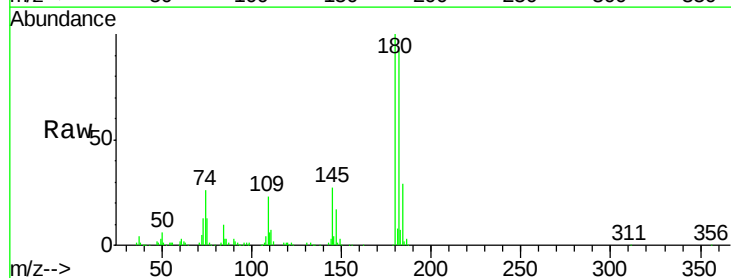
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.0	85.0
98	34.9	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 46.023 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	73.3	109.9
145	26.8	22.6	33.8

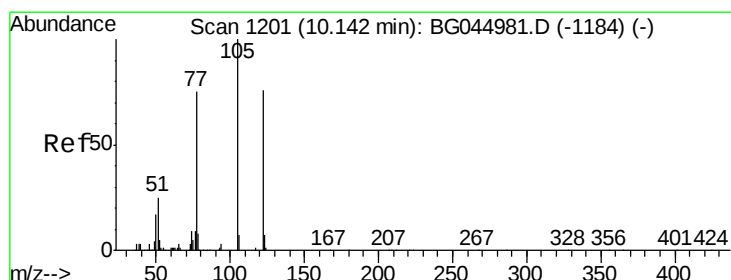
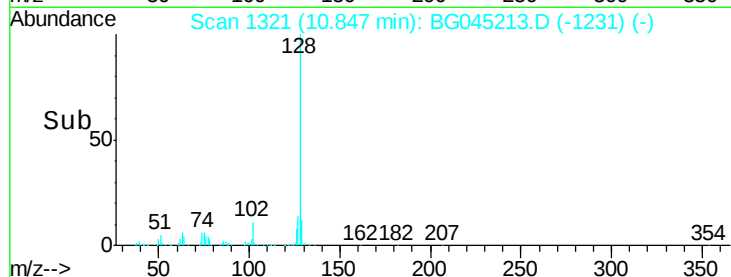
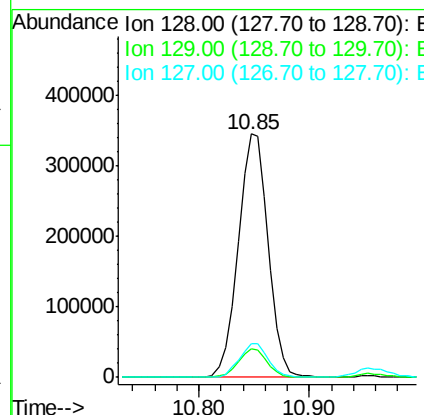
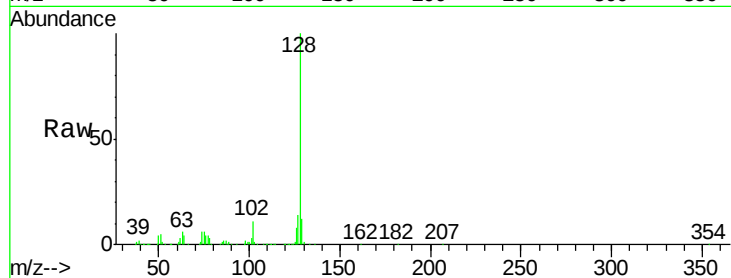




#31
Naphthalene
Concen: 46.296 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

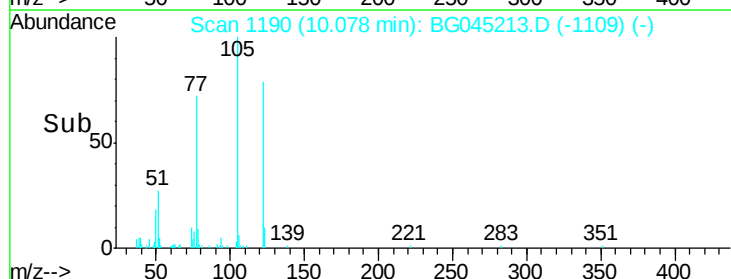
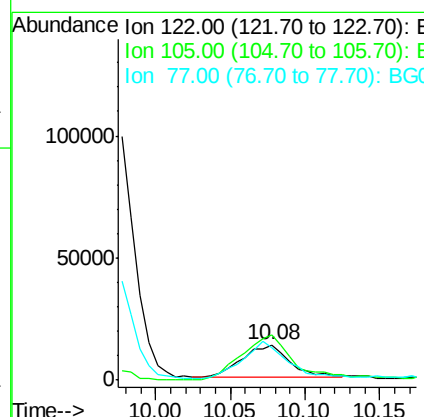
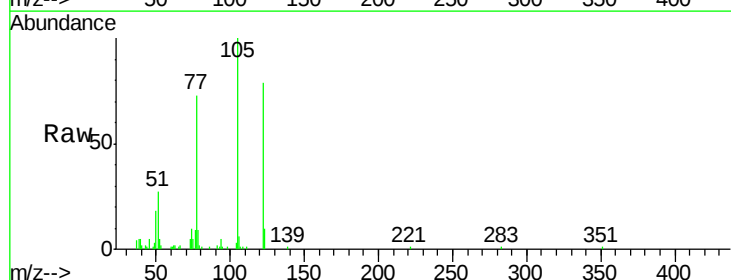
Instrument :
BNA_G
ClientSampleId :

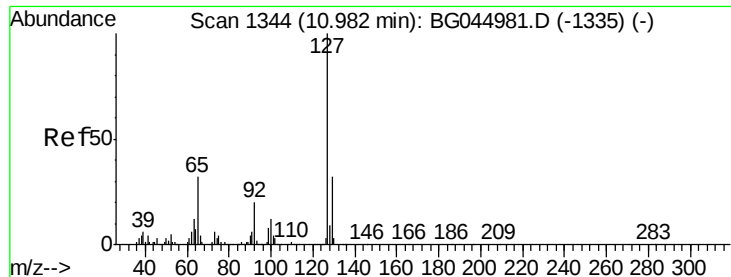
Tot Ion:128 Resp: 653364
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 14.552 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.06 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion:122 Resp: 30177
Ion Ratio Lower Upper
122 100
105 126.7 108.4 148.4
77 92.6 78.8 118.8

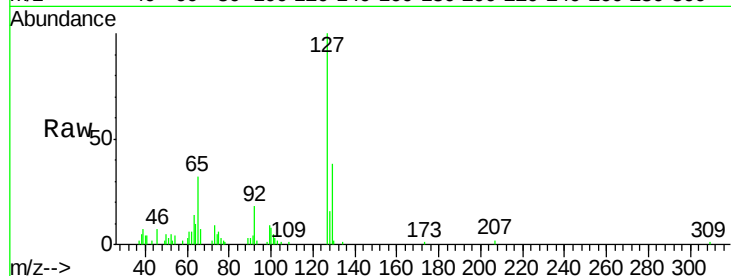




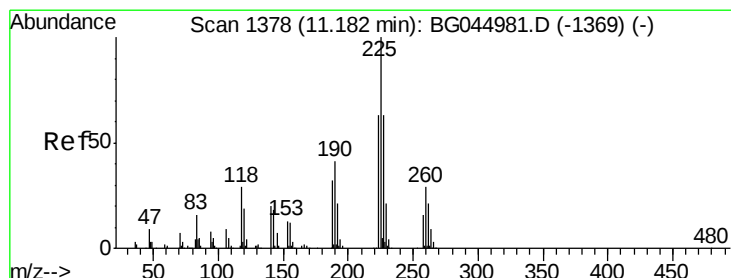
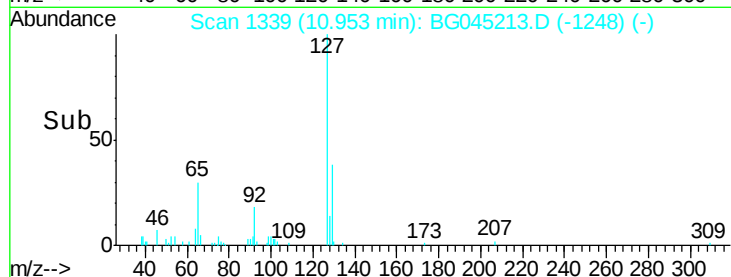
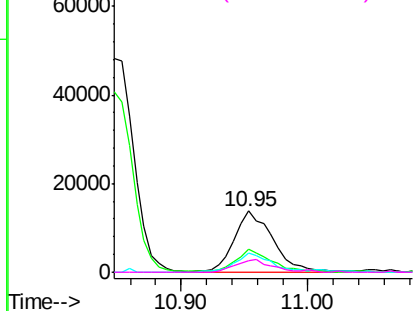
#33
4-Chloroaniline
Concen: 4.471 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	29426
Ion	Ratio	Lower Upper
127	100	
129	37.5	25.7 38.5
65	31.7	25.4 38.2
92	18.0	16.1 24.1

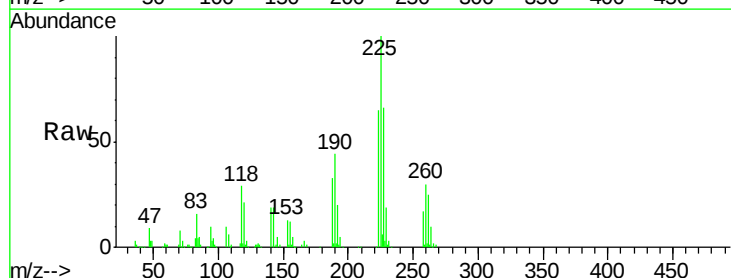


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

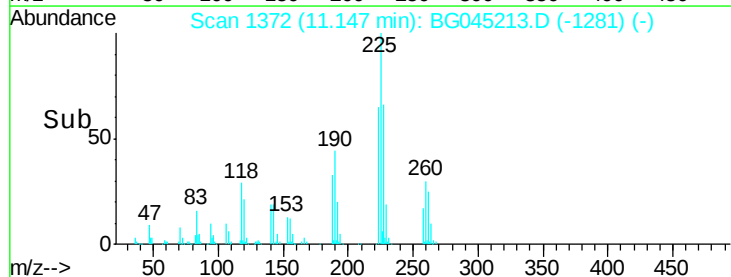
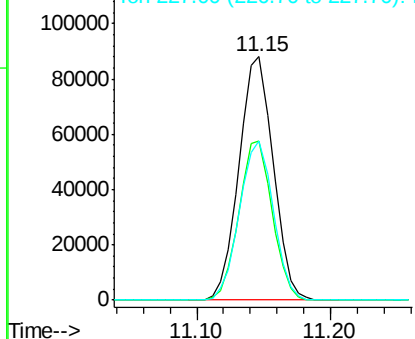


#34
Hexachlorobutadiene
Concen: 44.096 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion:225	Resp:	156558
Ion	Ratio	Lower Upper
225	100	
223	65.2	50.7 76.1
227	65.6	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

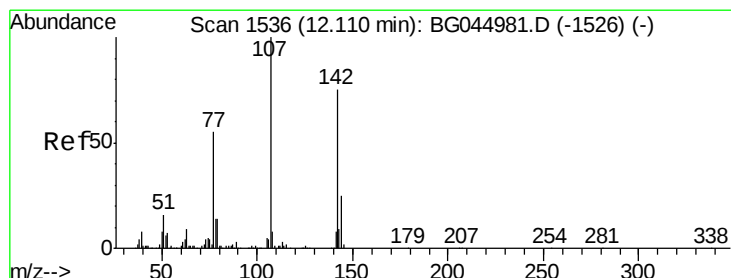
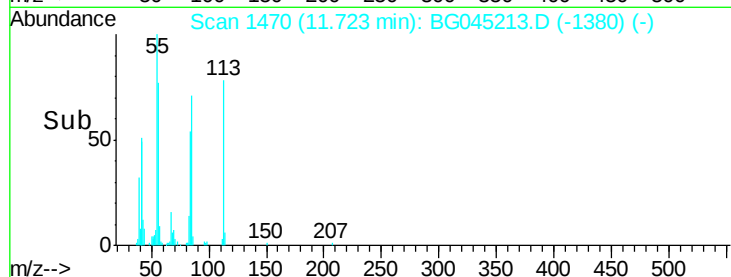
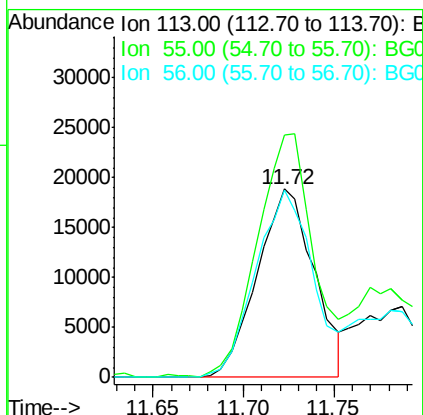
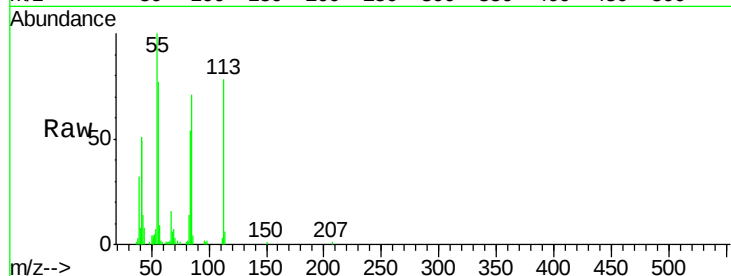




#35
 Caprolactam
 Concen: 22.605 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

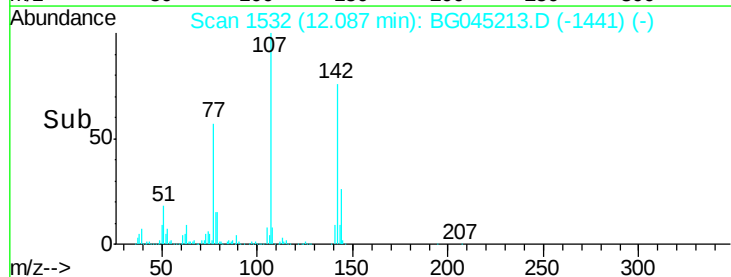
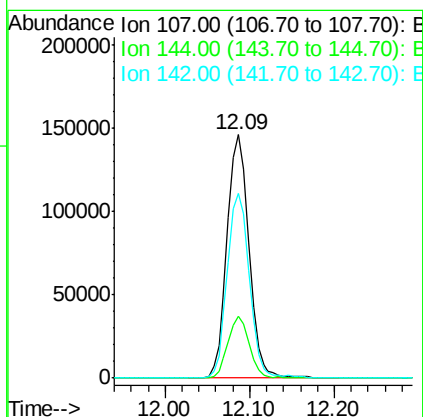
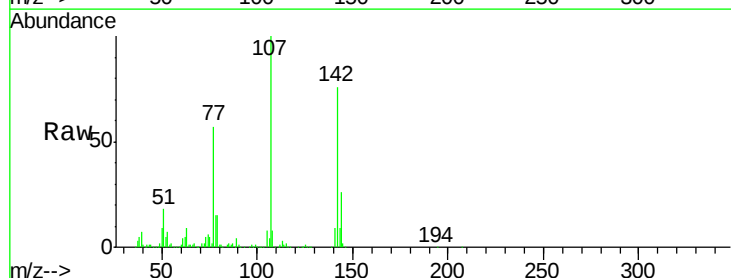
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 41149
 Ion Ratio Lower Upper
 113 100
 55 129.0 118.8 158.8
 56 99.6 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.982 ng
 RT: 12.09 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion:107 Resp: 263177
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.6
 142 76.1 59.7 89.5

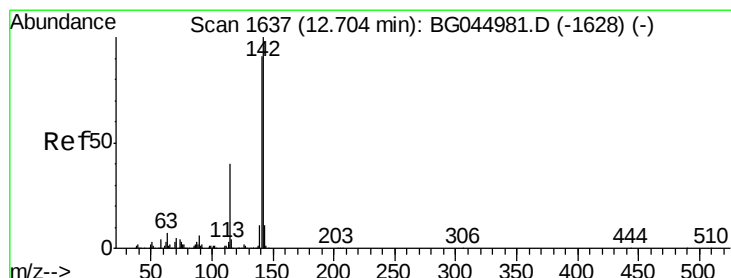
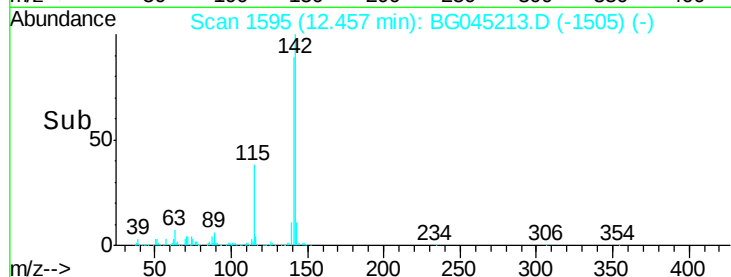
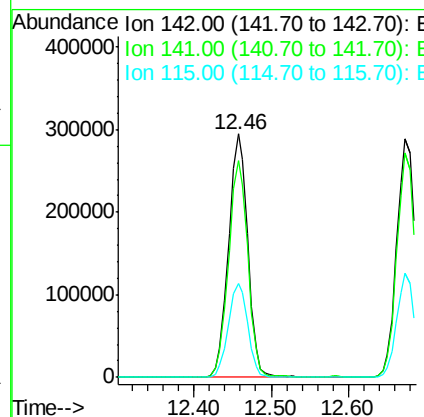
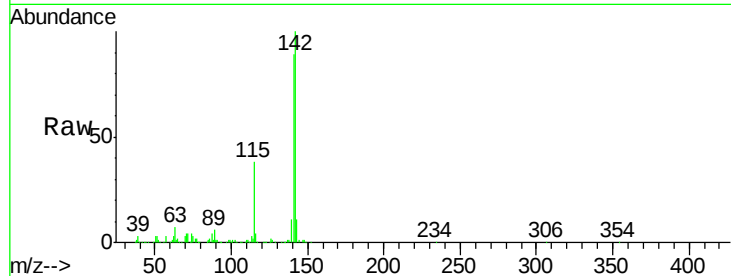




#37
 2-Methylnaphthalene
 Concen: 46.867 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

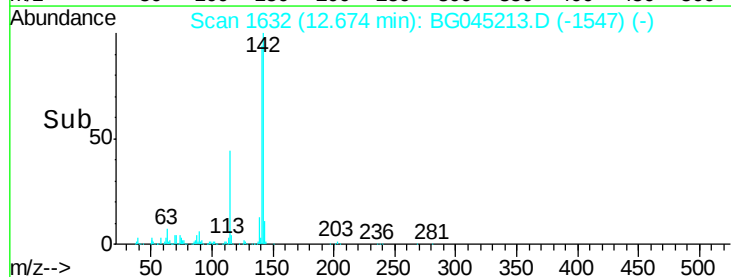
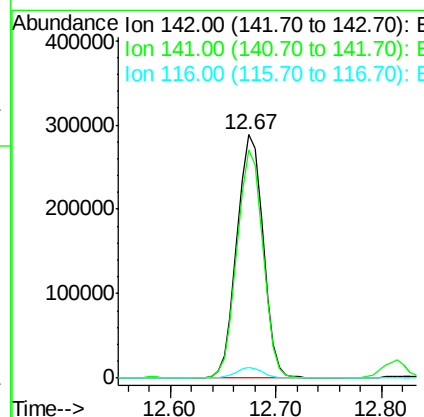
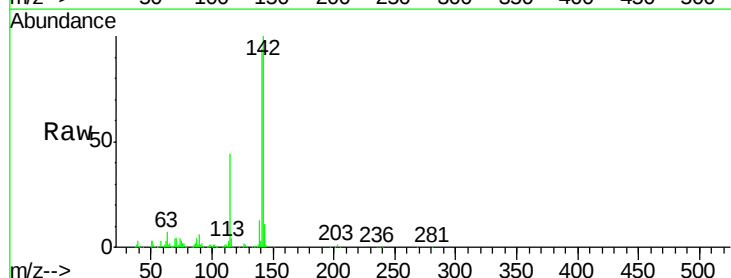
Instrument :
 BNA_G
 ClientSampleId :

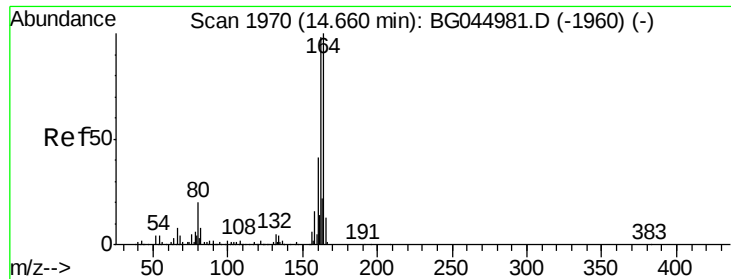
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	38.5	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 47.670 ng
 RT: 12.67 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

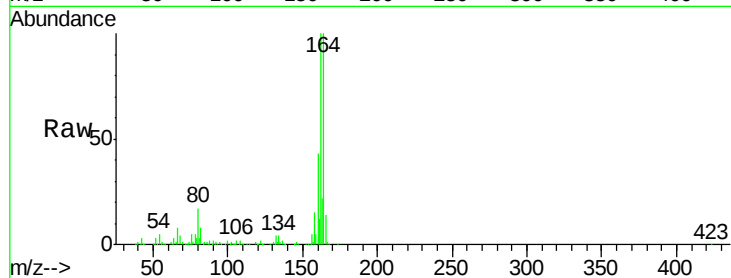
Tot Ion:164 Resp: 197551

Ion Ratio Lower Upper

164 100

162 99.9 78.7 118.1

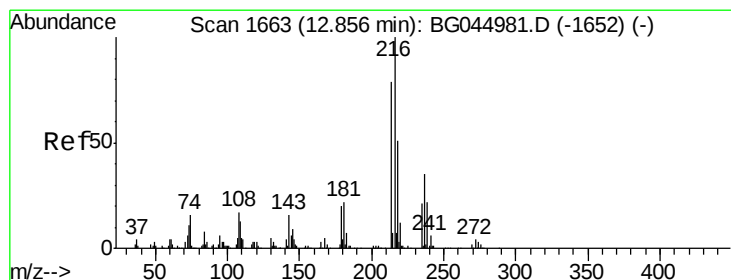
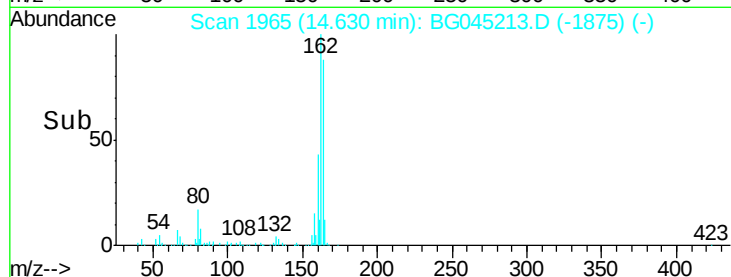
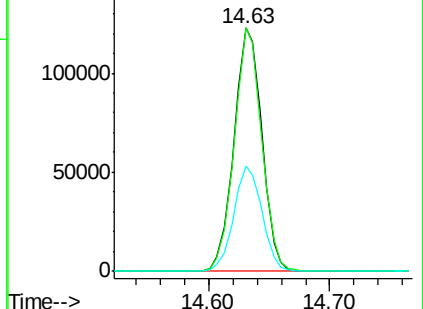
160 43.4 32.8 49.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.014 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Tgt Ion:216 Resp: 286318

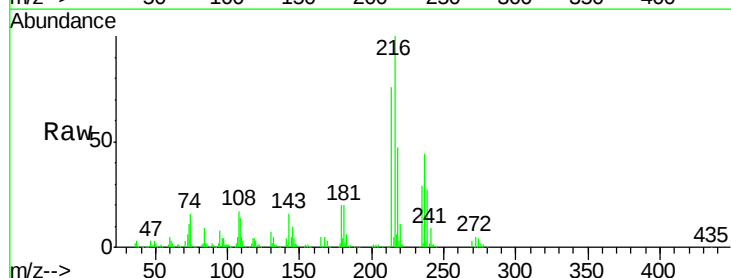
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.6

179 20.2 15.8 23.8

108 18.8 14.2 21.2

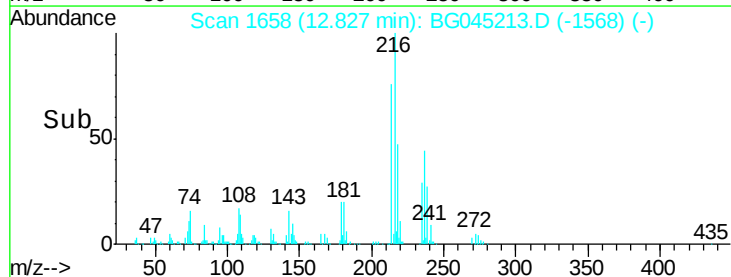
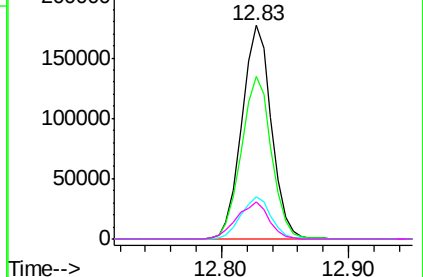


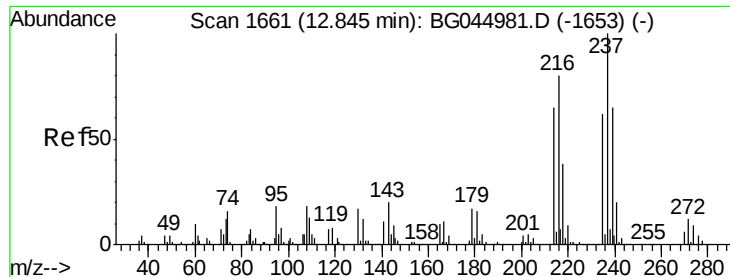
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.581 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

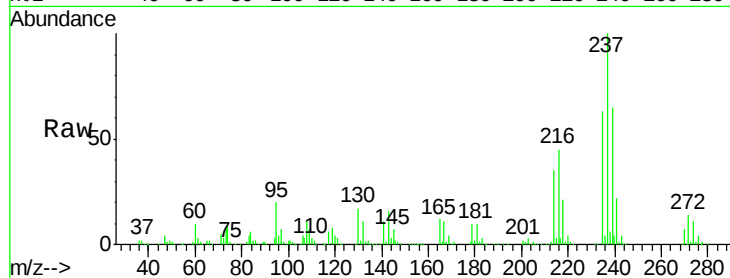
Tot Ion:237 Resp: 320347

Ion Ratio Lower Upper

237 100

235 63.2 41.6 81.6

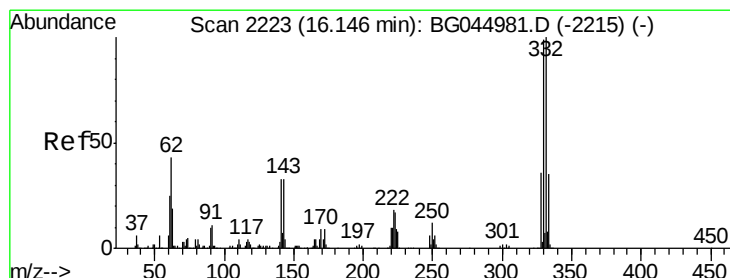
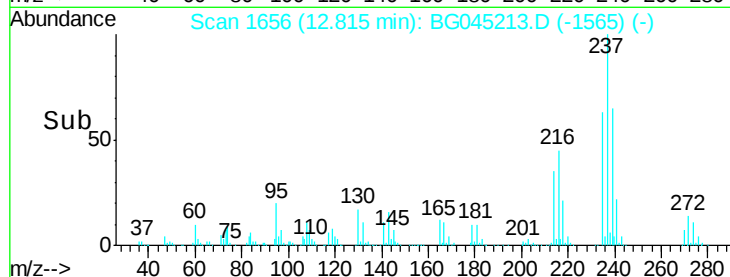
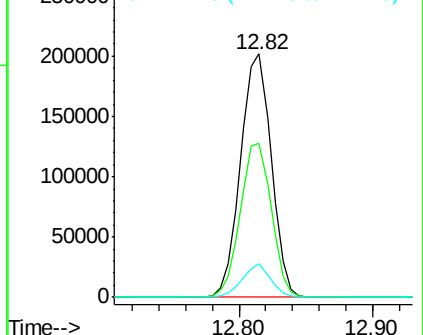
272 13.9 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.898 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

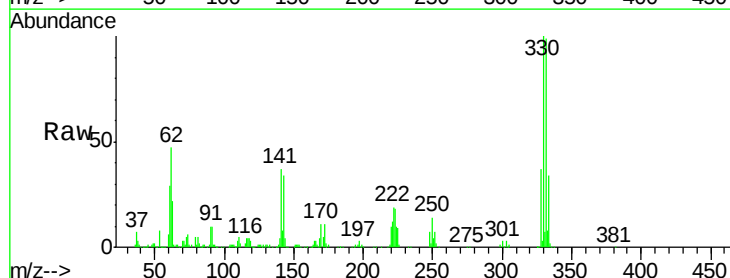
Tgt Ion:330 Resp: 408643

Ion Ratio Lower Upper

330 100

332 98.7 79.1 118.7

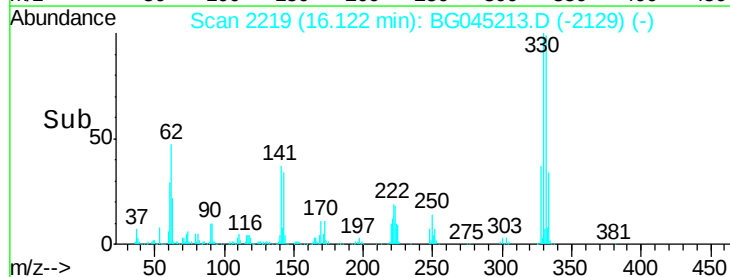
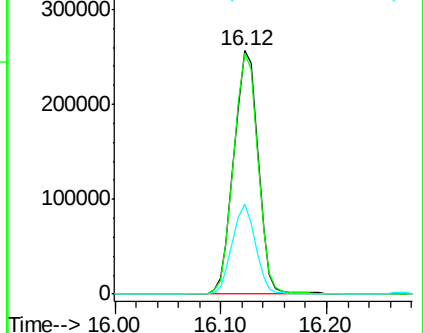
141 35.4 27.1 40.7



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

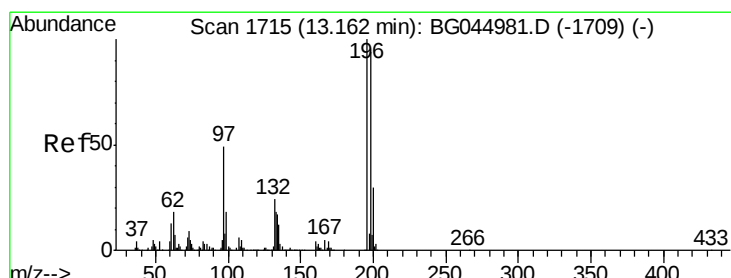
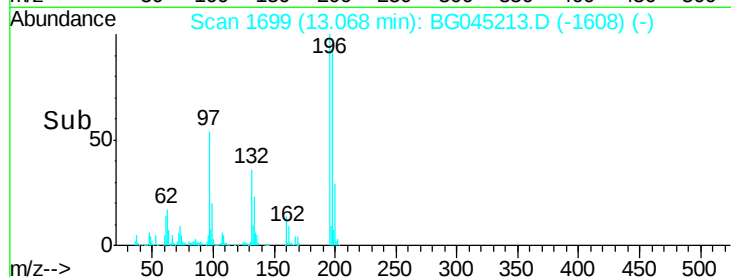
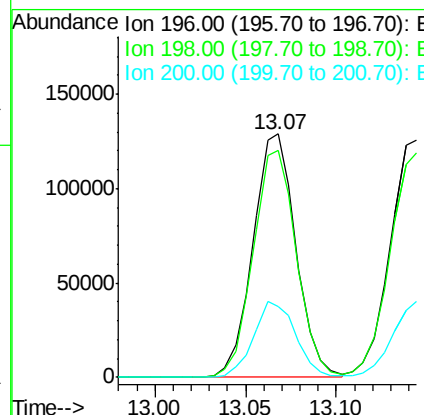
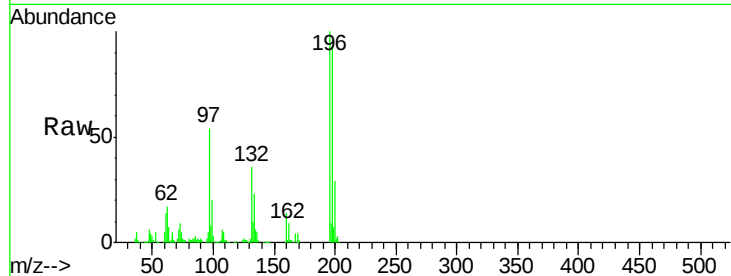




#43
 2,4,6-Trichlorophenol
 Concen: 47.449 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

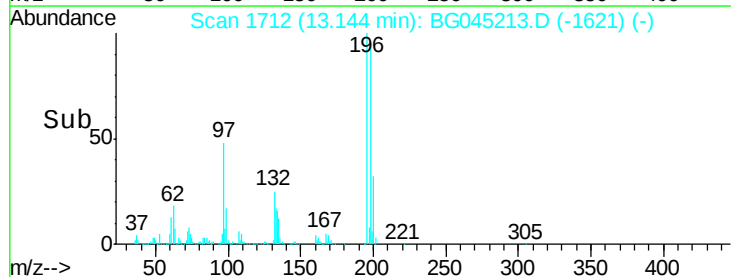
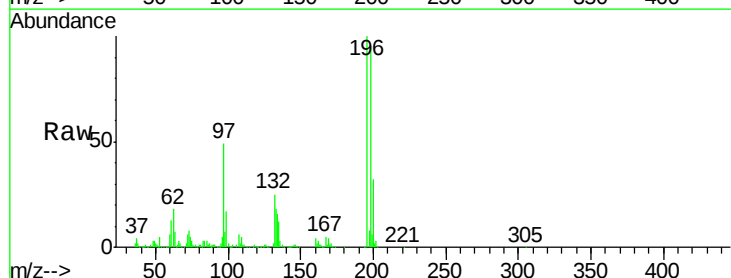
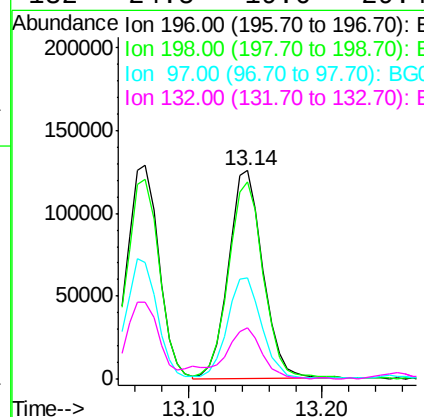
Instrument :
 BNA_G
 ClientSampleId :

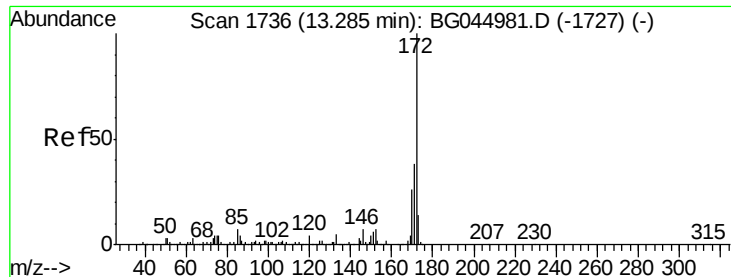
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	72.5	108.7
200	29.3	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.295 ng
 RT: 13.14 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
97	48.6	39.6	59.4
132	24.5	19.6	29.4



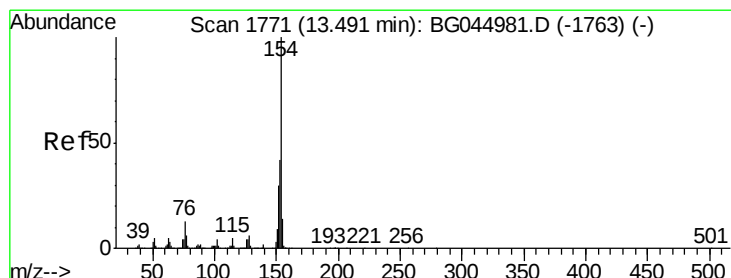
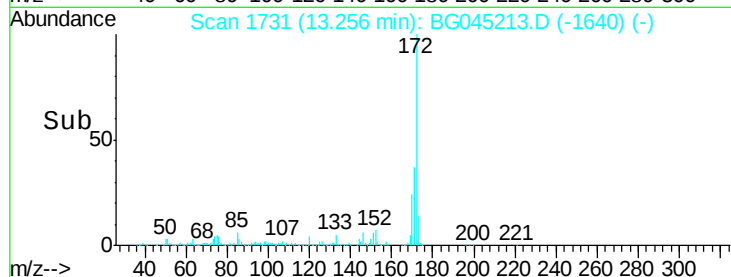
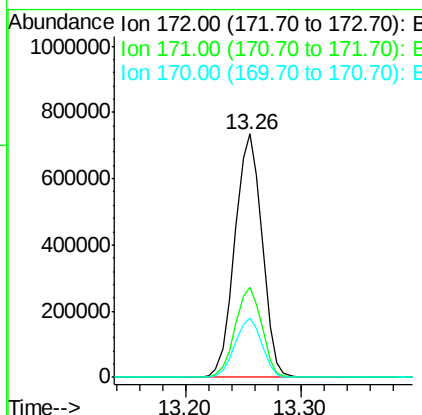
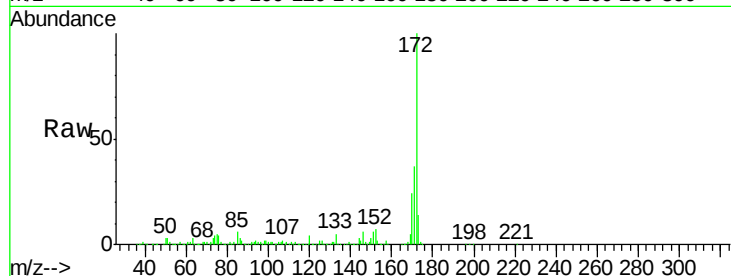


#45
 2-Fluorobiphenyl
 Concen: 88.925 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1198054

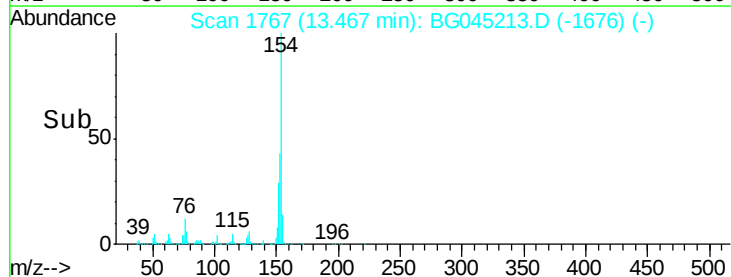
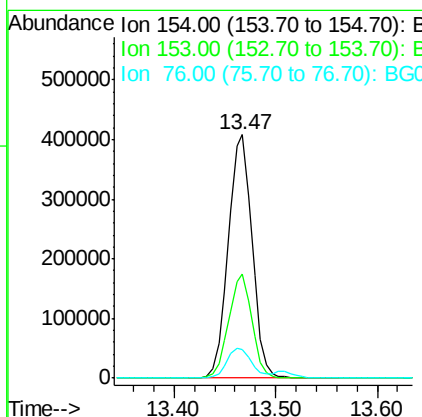
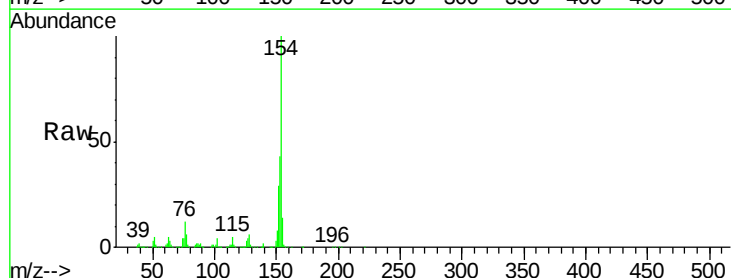
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.5	20.5	30.7

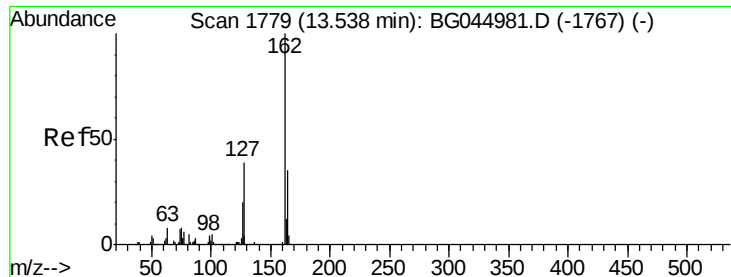


#46
 1,1'-Biphenyl
 Concen: 44.305 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion:154 Resp: 665256

Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	11.7	0.0	33.1





#47

2-Chloronaphthalene

Concen: 45.206 ng

RT: 13.51 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BG045213.D

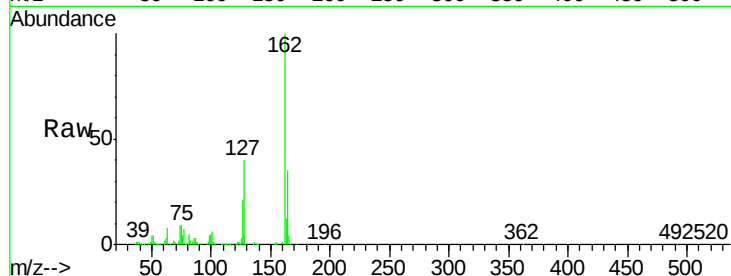
Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

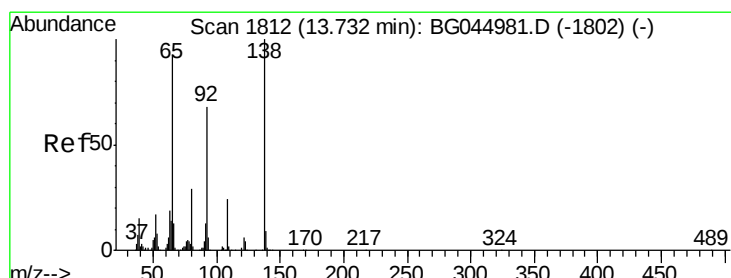
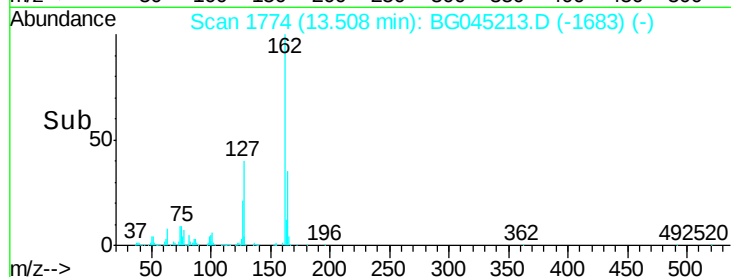
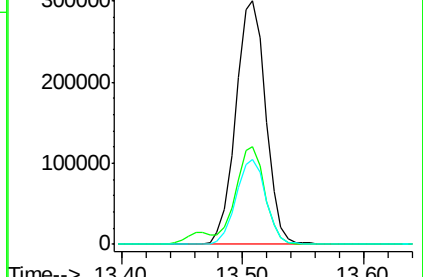
Tot Ion:162	Resp:	518660
Ion Ratio	Lower	Upper
162	100	
127	40.1	31.3 46.9
164	34.8	27.8 41.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.583 ng

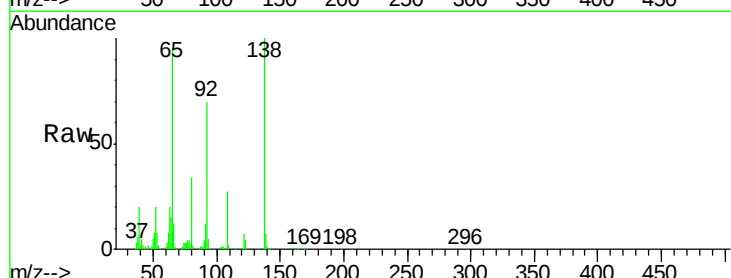
RT: 13.70 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

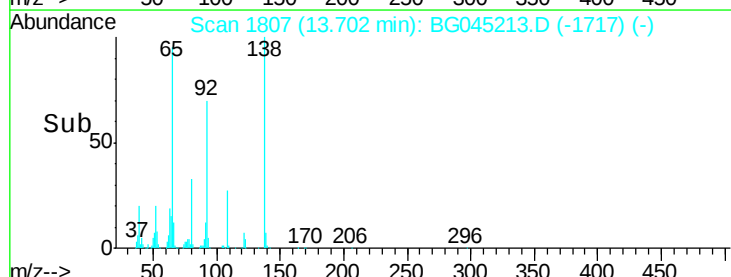
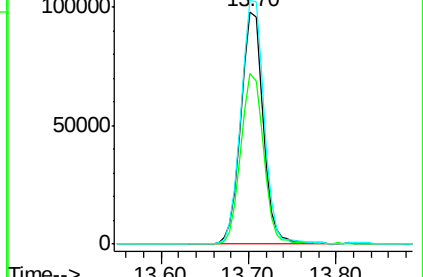
Tgt Ion: 65	Resp:	168295
Ion Ratio	Lower	Upper
65	100	
92	73.5	58.3 87.5
138	104.9	85.6 128.4



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.107 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

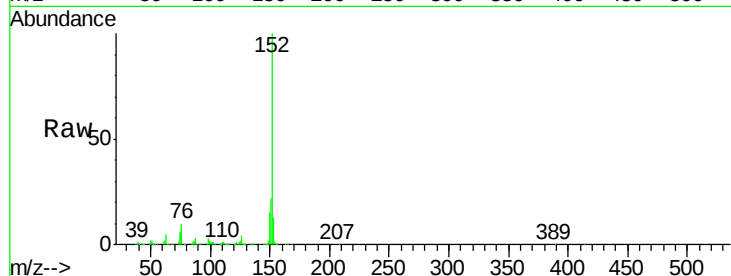
Tot Ion:152 Resp: 842971

Ion Ratio Lower Upper

152 100

151 22.0 17.2 25.8

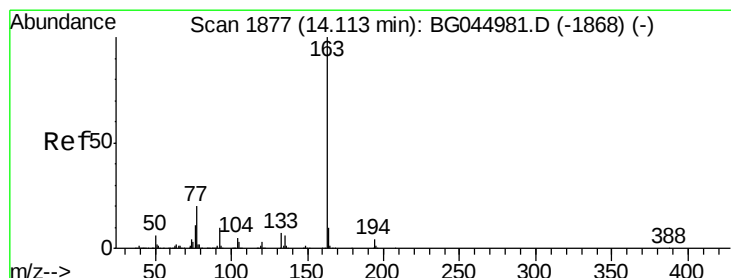
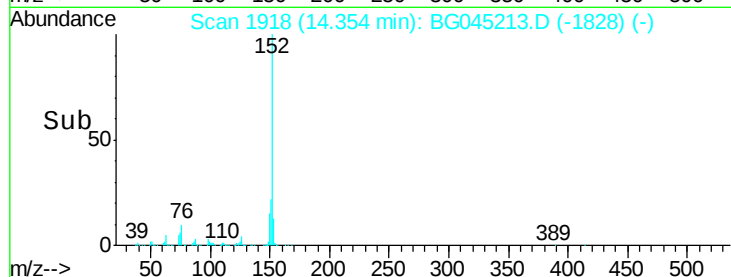
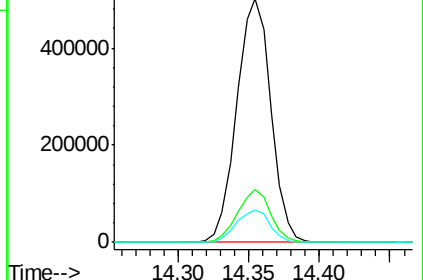
153 13.1 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.935 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

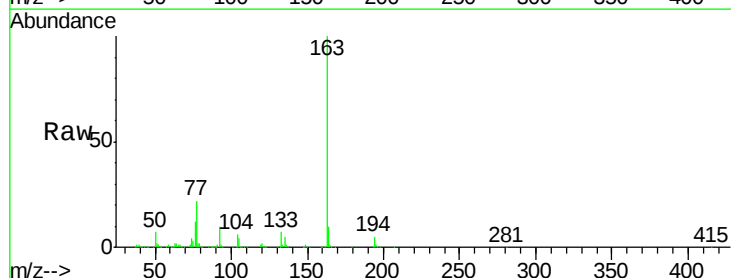
Tgt Ion:163 Resp: 787138

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

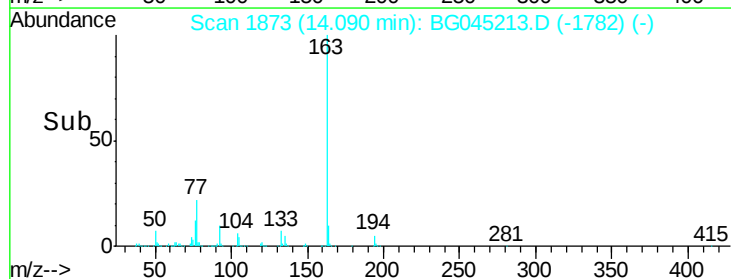
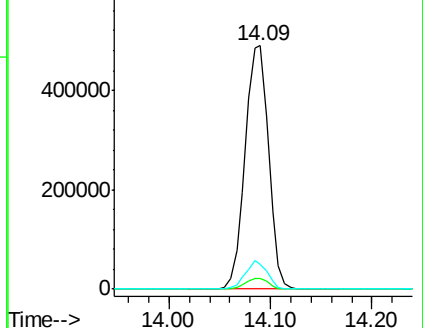
164 10.1 8.2 12.4



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

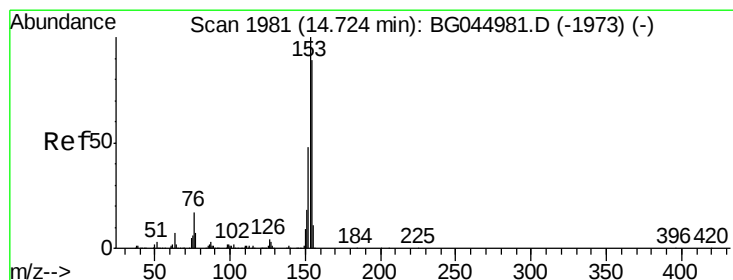
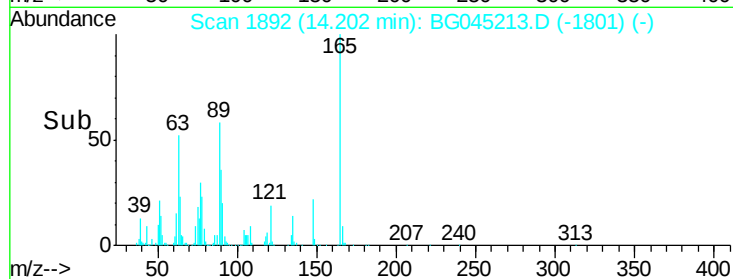
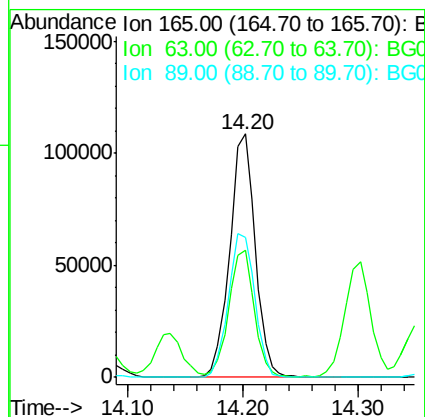
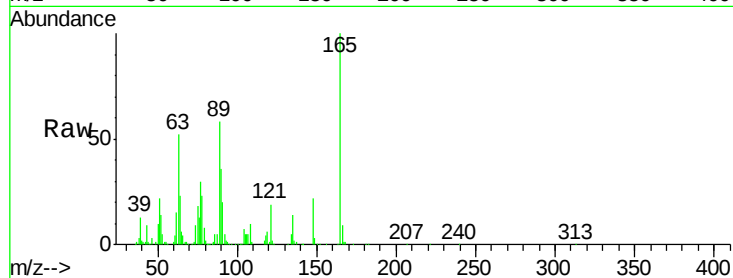




#51
2,6-Dinitrotoluene
Concen: 46.196 ng
RT: 14.20 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

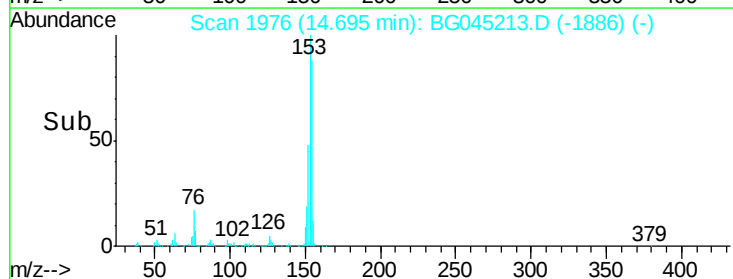
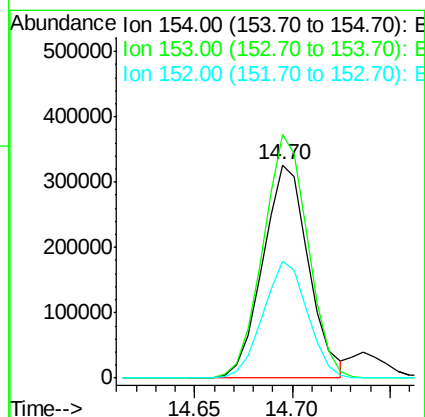
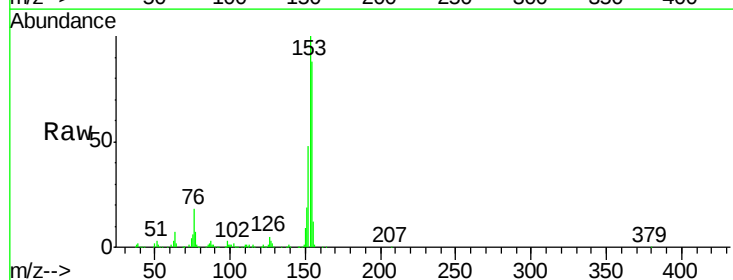
Instrument :
BNA_G
ClientSampleId :

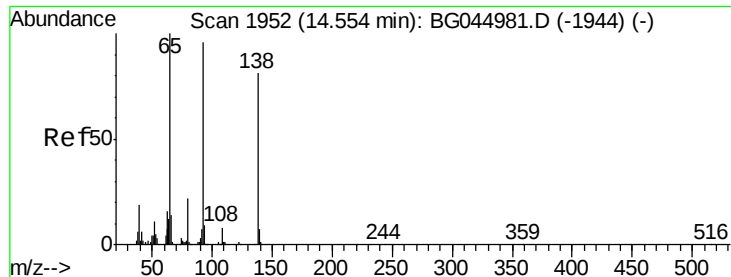
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.0	40.4	60.6
89	57.6	49.1	73.7



#52
Acenaphthene
Concen: 41.687 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.7	134.5
152	54.9	43.1	64.7

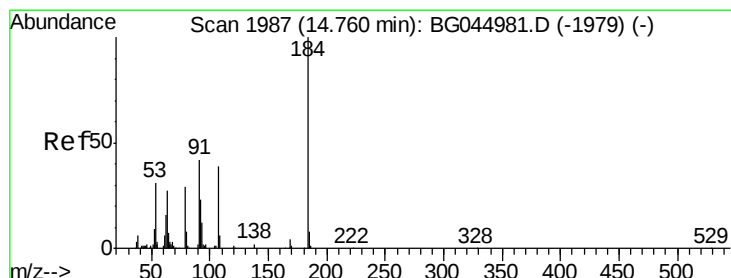
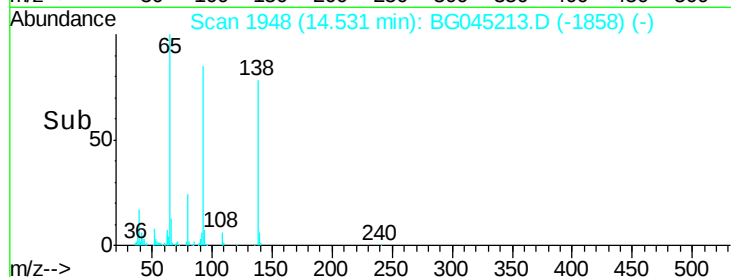
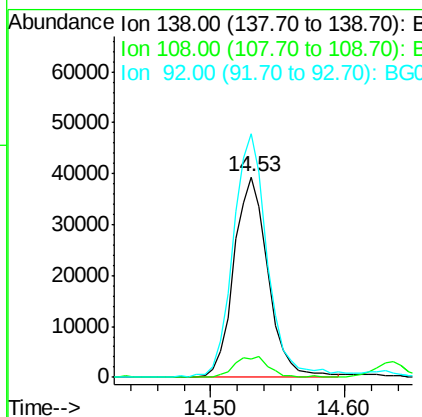
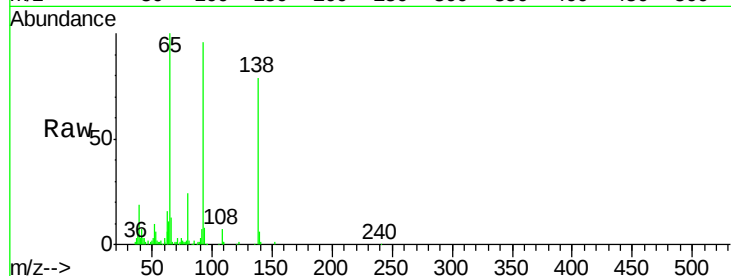




#53
 3-Nitroaniline
 Concen: 17.646 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

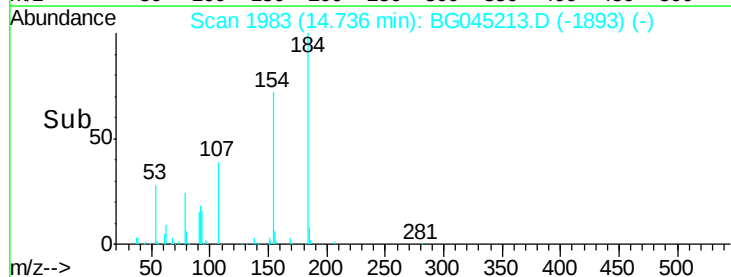
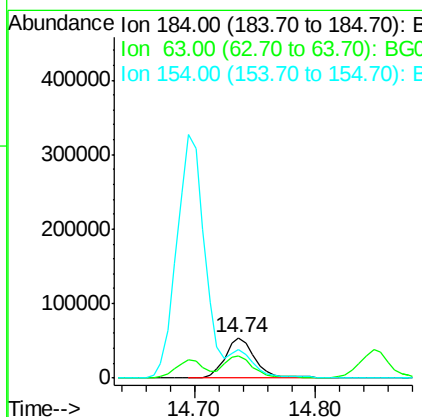
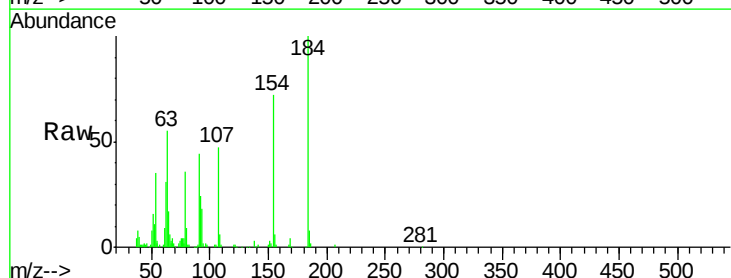
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 69633
 Ion Ratio Lower Upper
 138 100
 108 9.2 7.8 11.8
 92 121.3 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 43.724 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion:184 Resp: 93543
 Ion Ratio Lower Upper
 184 100
 63 55.3 41.5 62.3
 154 71.7 52.3 78.5

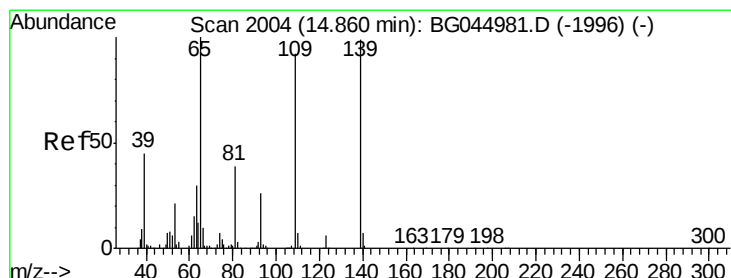
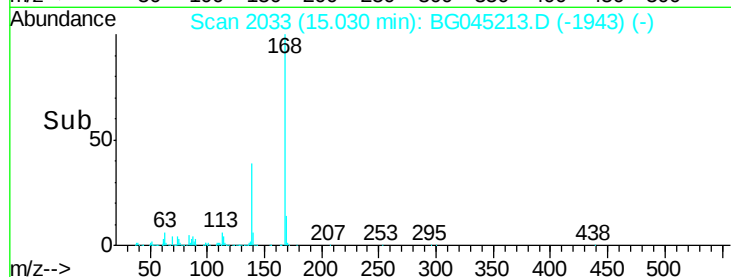
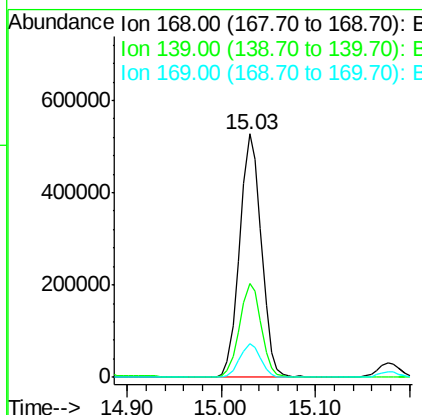
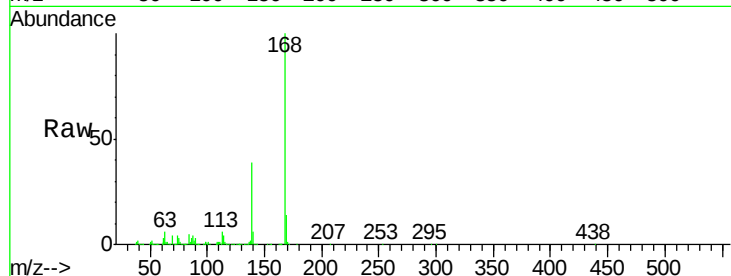




#55
Dibenzenofuran
Concen: 45.788 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

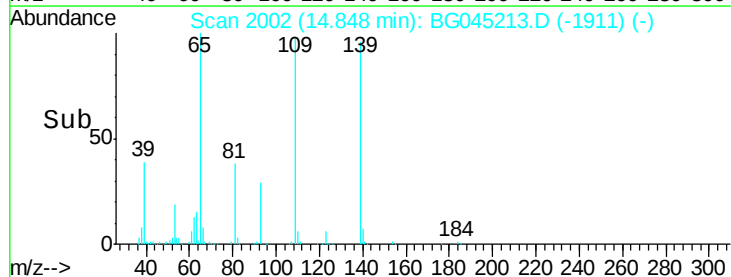
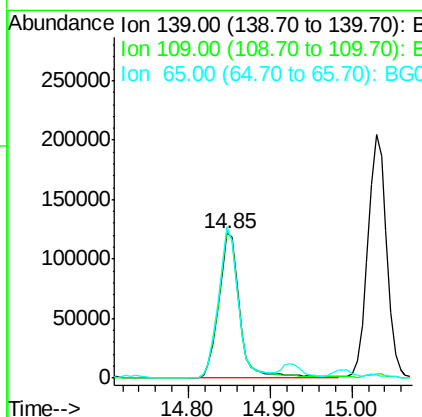
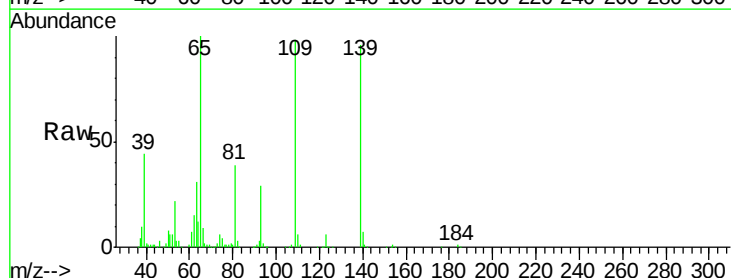
Instrument :
BNA_G
ClientSampleId :

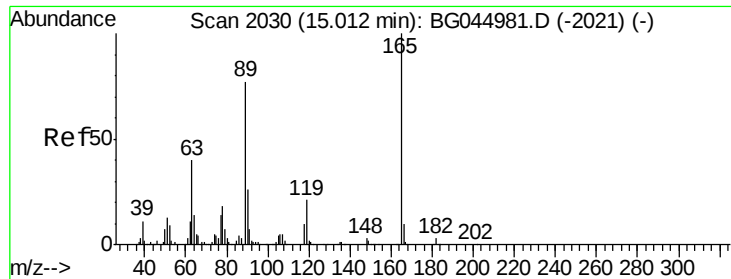
Tot Ion:168 Resp: 844078
Ion Ratio Lower Upper
168 100
139 38.8 30.4 45.6
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 71.514 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion:139 Resp: 218805
Ion Ratio Lower Upper
139 100
109 102.3 73.6 113.6
65 104.6 81.2 121.2

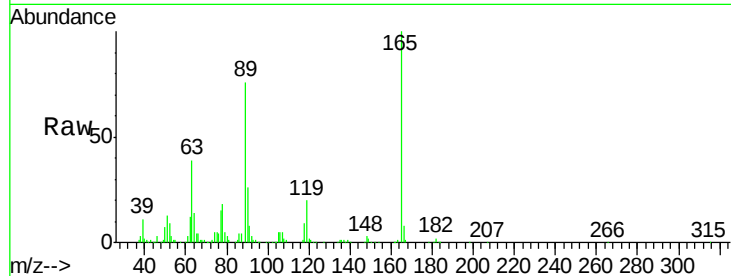




#57
 2,4-Dinitrotoluene
 Concen: 44.333 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	233101
Ion	Ratio	Lower	Upper
165	100		
63	38.7	32.2	48.2
89	75.5	61.7	92.5
182	2.4	2.0	3.0

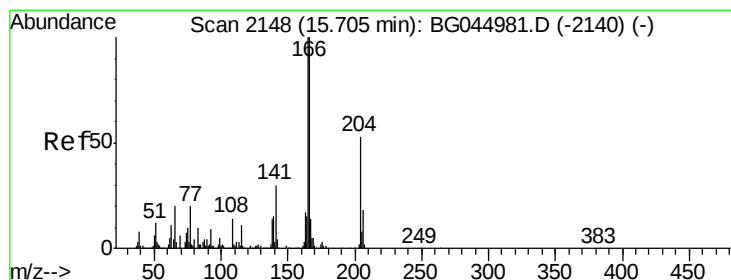
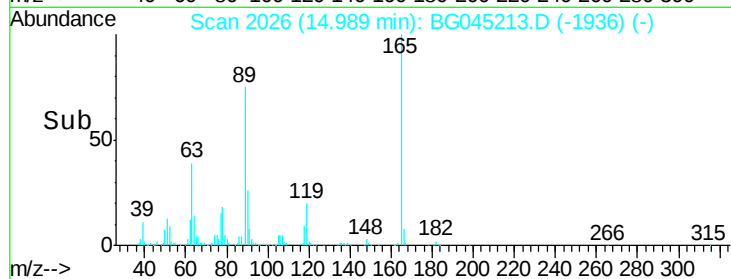
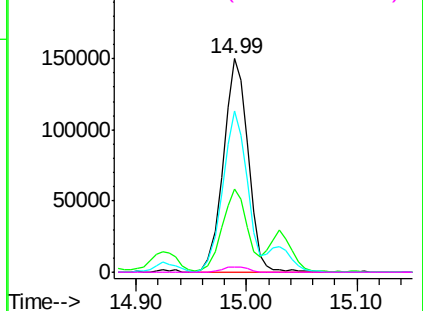


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

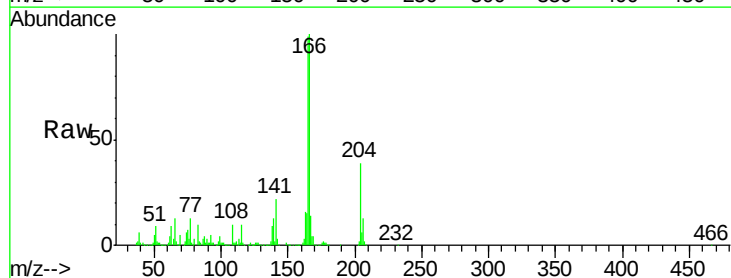
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.280 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

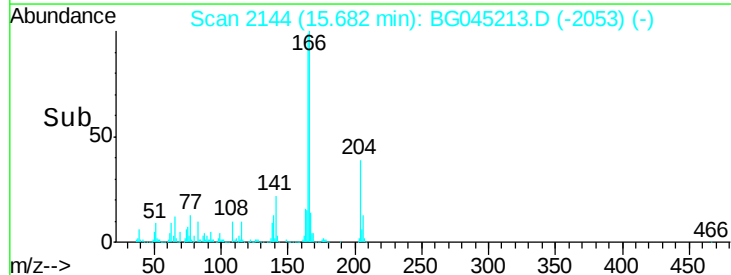
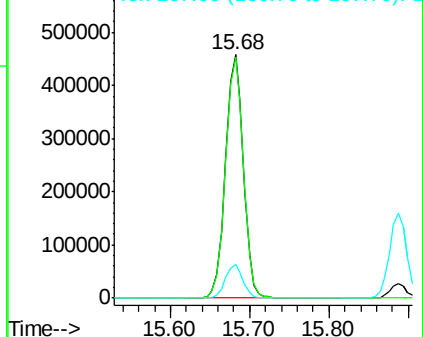
Tgt Ion:	166	Resp:	711921
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.9	119.9
167	13.9	11.4	17.0

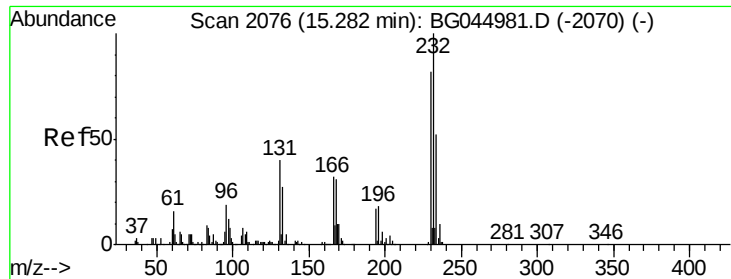


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

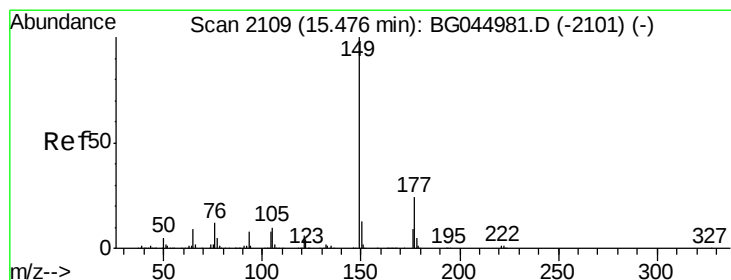
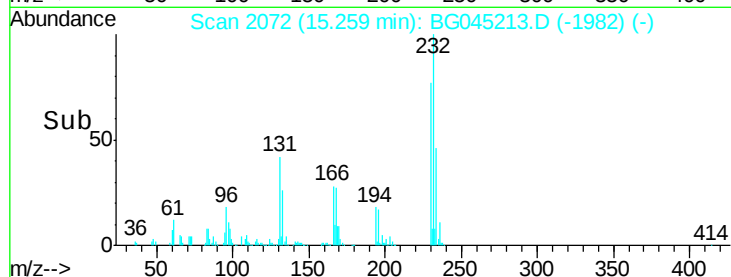
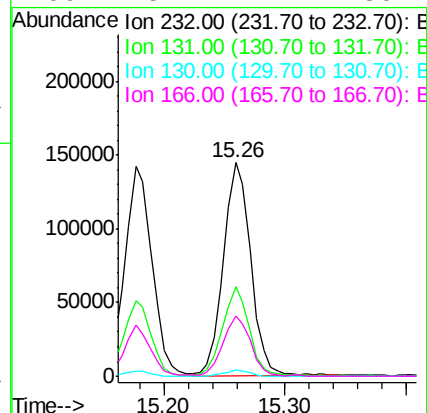
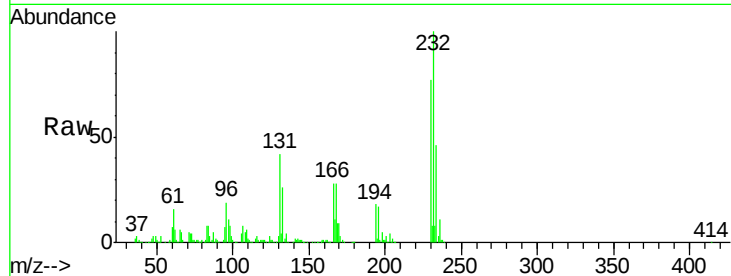




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.414 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

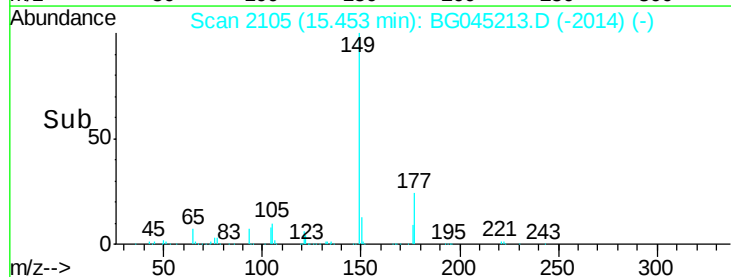
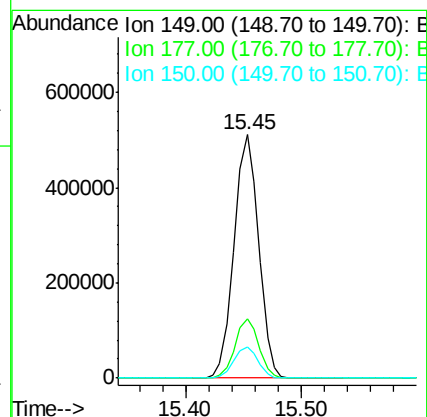
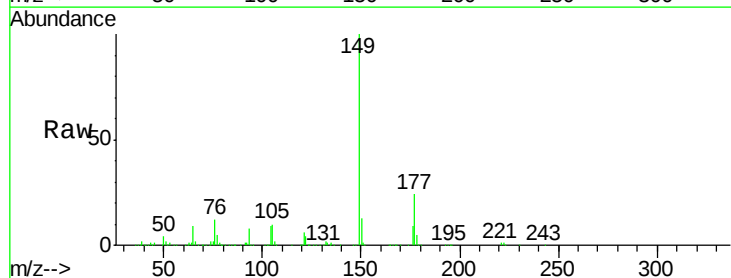
Instrument :
 BNA_G
 ClientSampleId :

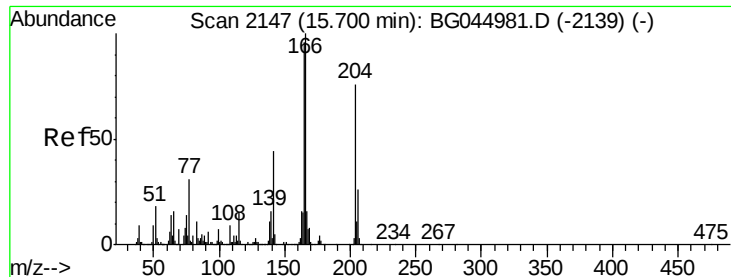
Tot Ion:232	Resp:	224665
Ion Ratio	Lower	Upper
232	100	
131	40.7	32.2 48.2
130	2.6	2.2 3.2
166	28.7	24.2 36.4



#60
 Diethylphthalate
 Concen: 44.929 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion:149	Resp:	753494
Ion Ratio	Lower	Upper
149	100	
177	24.4	18.9 28.3
150	12.9	10.6 15.8

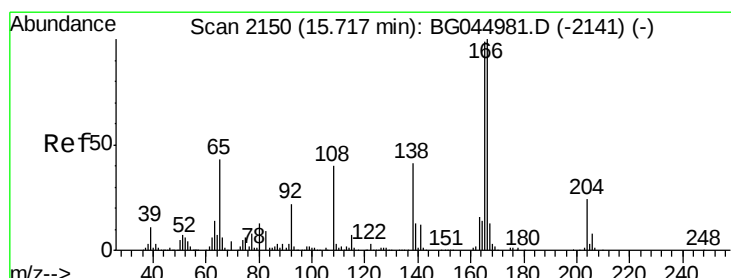
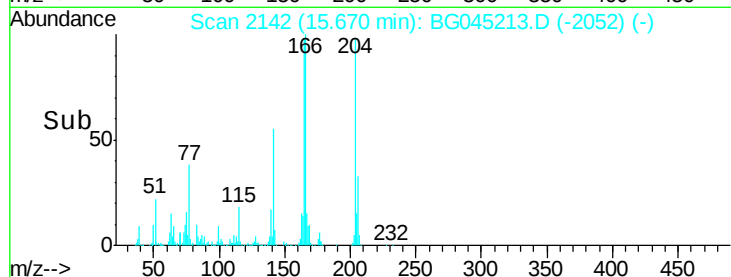
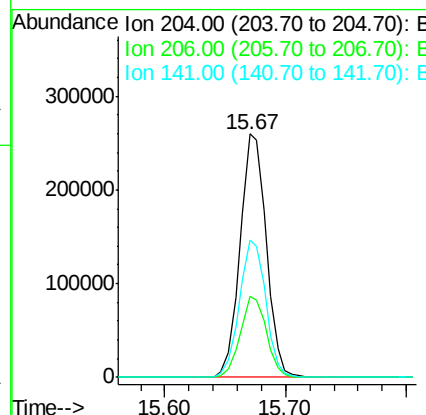
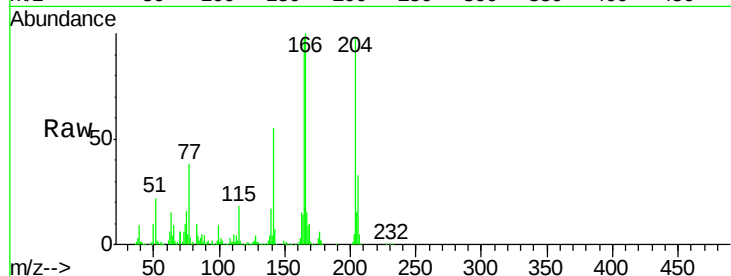




#61
 4-Chlorophenyl-phenylether
 Concen: 45.425 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

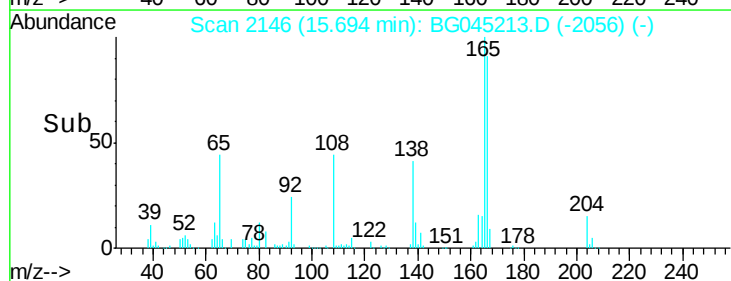
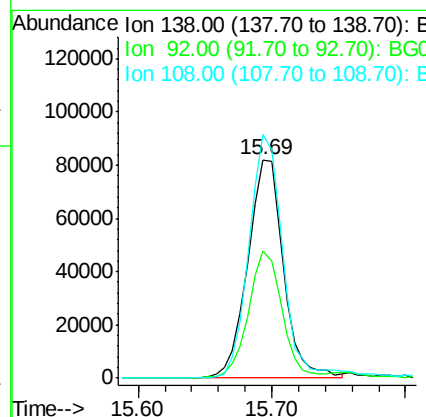
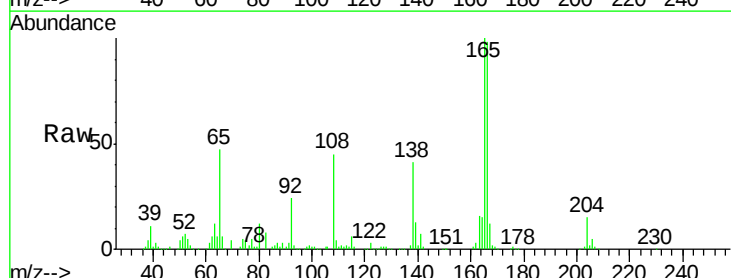
Instrument :
 BNA_G
 ClientSampleId :

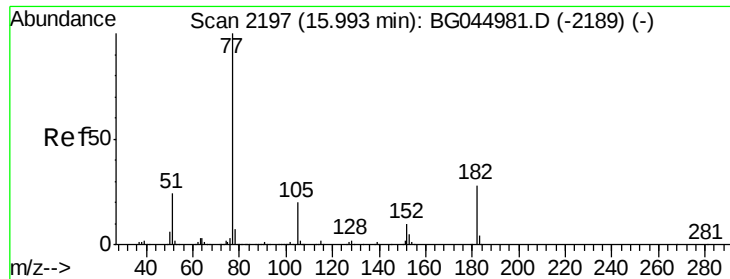
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.9	40.3
141	56.3	46.3	69.5



#62
 4-Nitroaniline
 Concen: 36.918 ng
 RT: 15.69 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG045213.D
 Acq: 29 Apr 2020 20:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	33.6	73.6
108	111.5	78.2	118.2





#63

Azobenzene

Concen: 46.170 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 713875

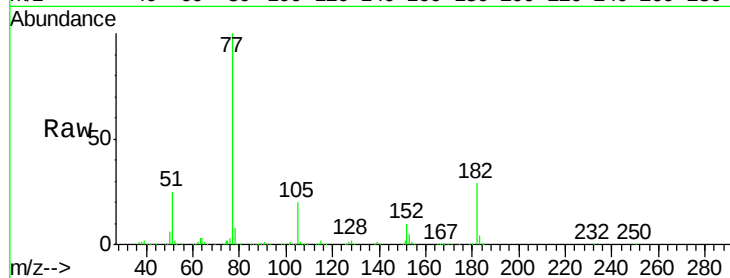
Ion Ratio Lower Upper

77 100

182 28.6 8.4 48.4

105 19.7 0.5 40.5

51 25.0 4.4 44.4

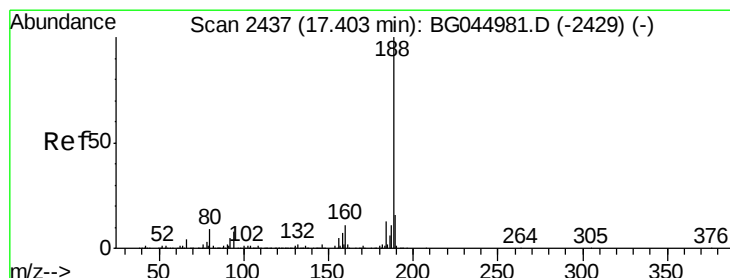
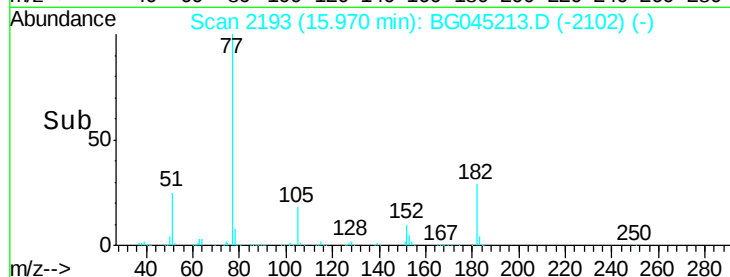
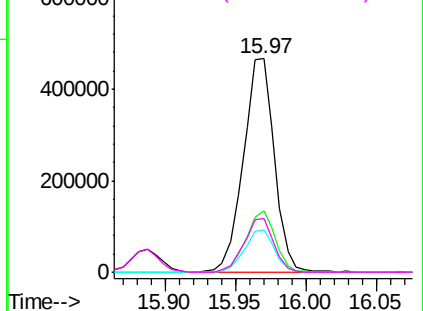


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

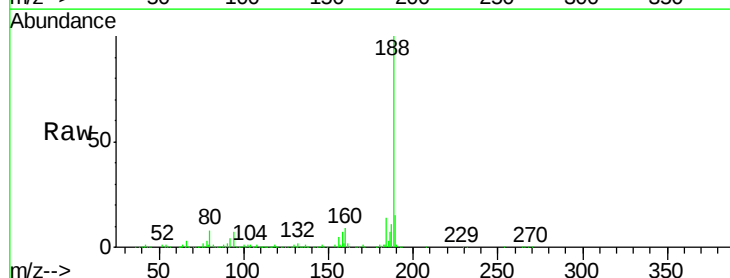
Tgt Ion: 188 Resp: 465487

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

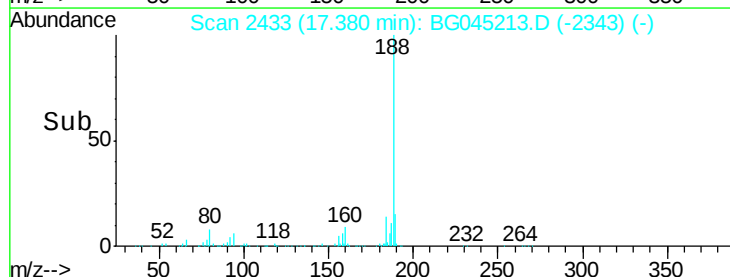
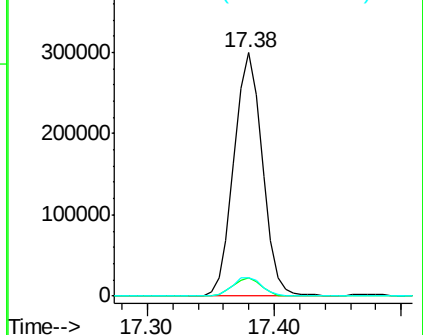
80 7.7 7.0 10.6

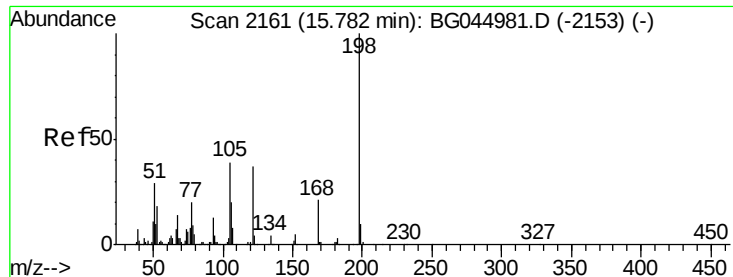


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 32.730 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

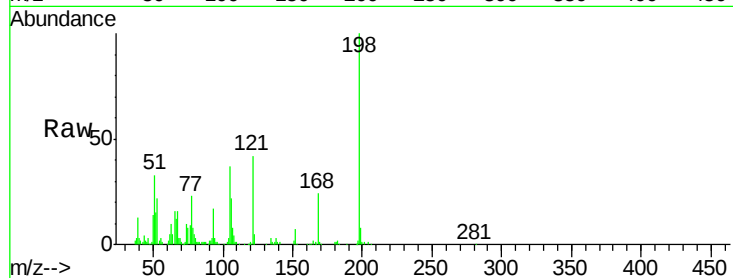
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 100144

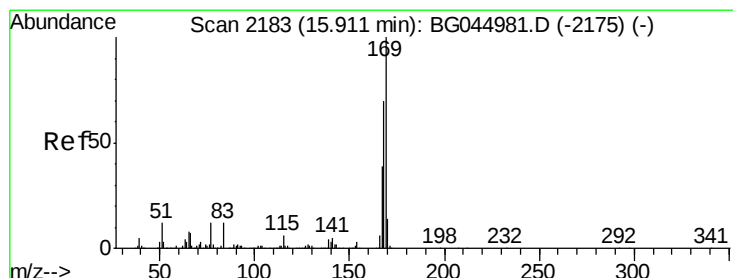
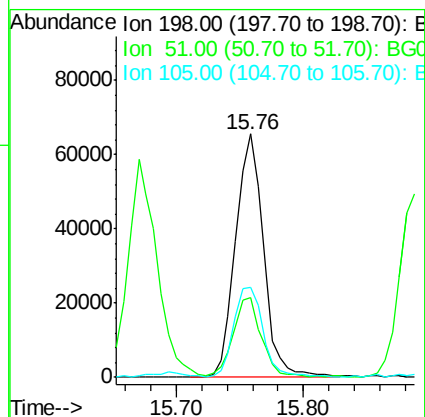
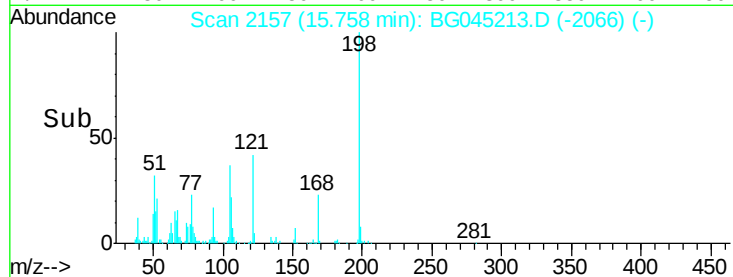
Ion	Ratio	Lower	Upper
198	100		
51	32.8	10.0	50.0
105	37.2	18.9	58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044981.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.127 ng

RT: 15.89 min Scan# 2179

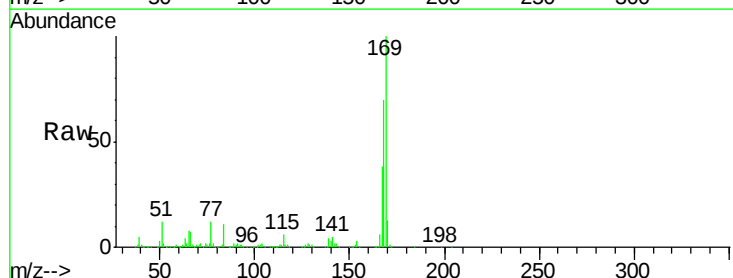
Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Tgt Ion:169 Resp: 630290

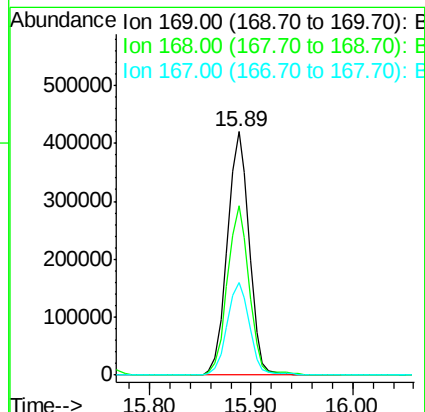
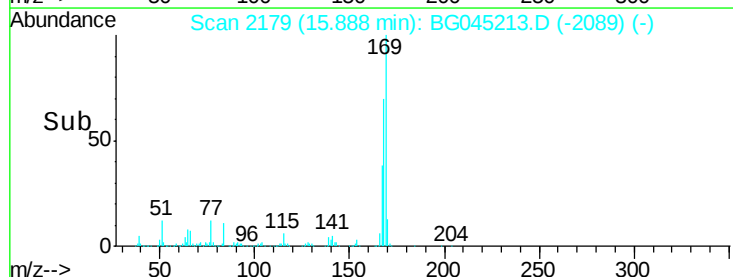
Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.8	83.8
167	38.0	30.8	46.2

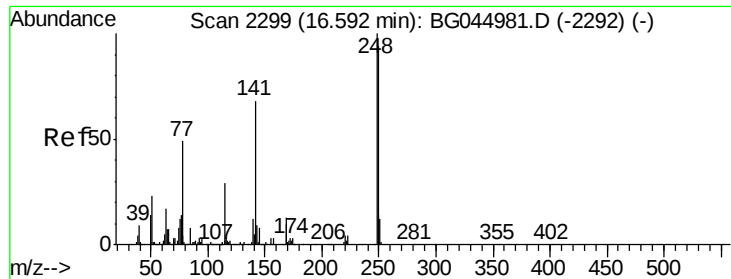


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

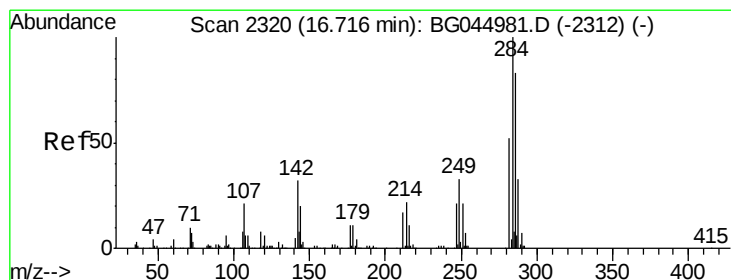
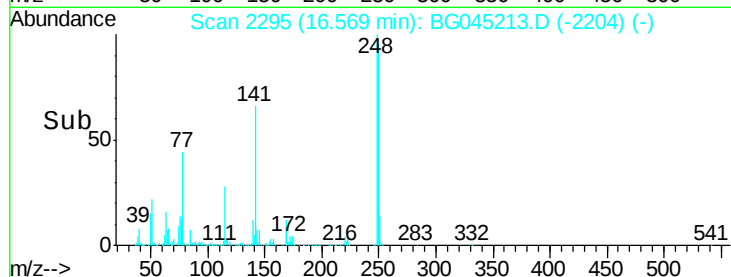
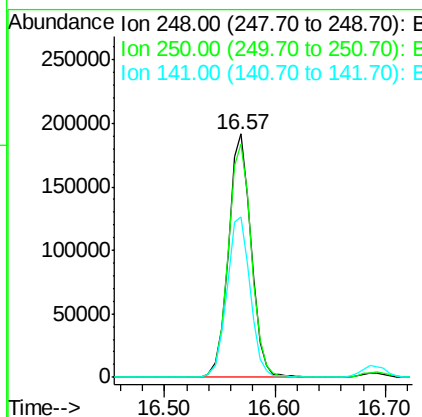
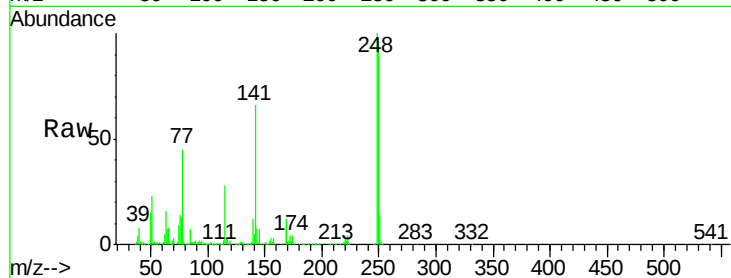




#67
4-Bromophenyl-phenylether
Concen: 45.928 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

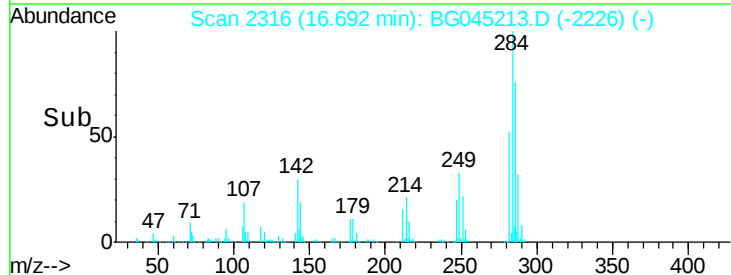
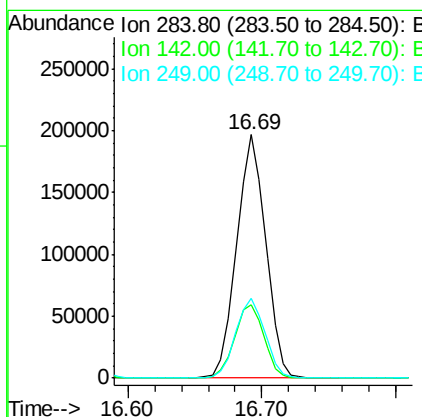
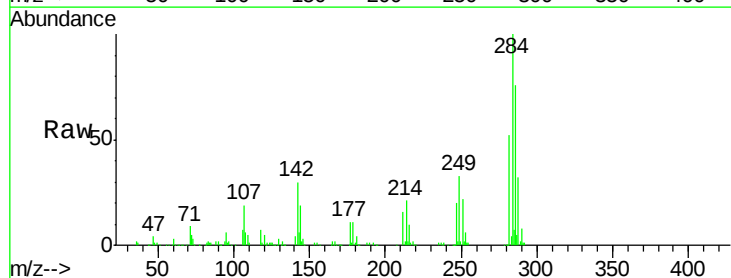
Instrument :
BNA_G
ClientSampleId :

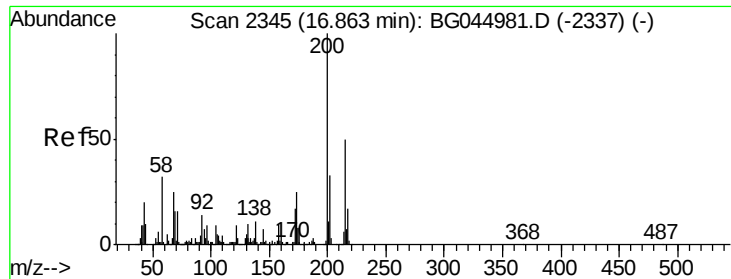
Tot Ion:248 Resp: 275803
Ion Ratio Lower Upper
248 100
250 96.1 75.4 113.2
141 65.6 54.4 81.6



#68
Hexachlorobenzene
Concen: 47.512 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion:284 Resp: 295905
Ion Ratio Lower Upper
284 100
142 30.1 25.8 38.6
249 32.9 26.6 39.8

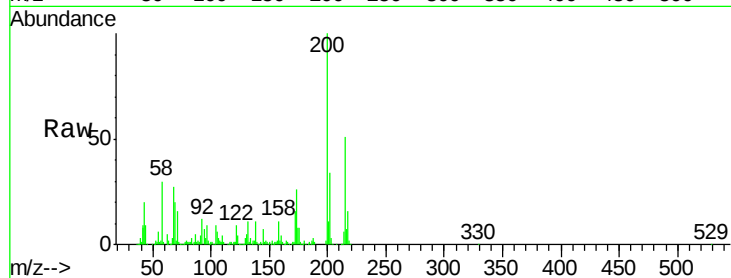




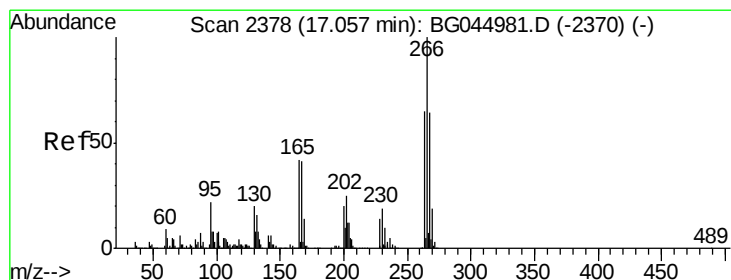
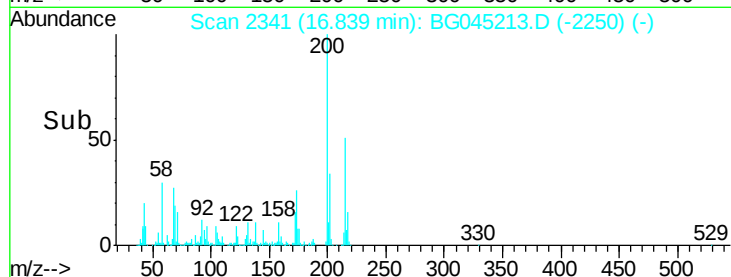
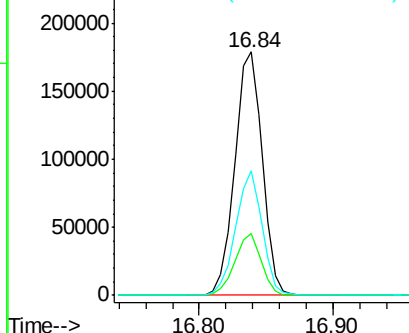
#69
Atrazine
Concen: 53.168 ng
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	4.5	44.5
215	51.2	30.0	70.0

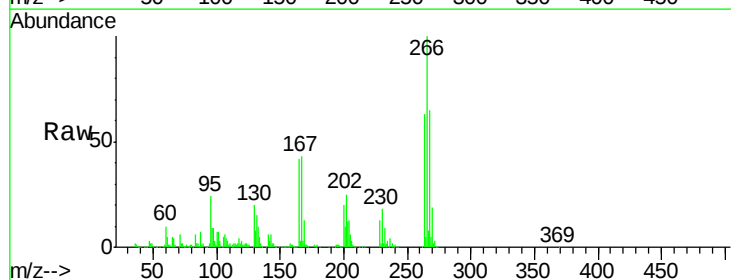


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

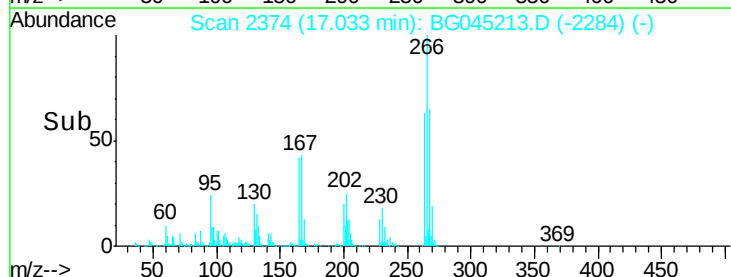
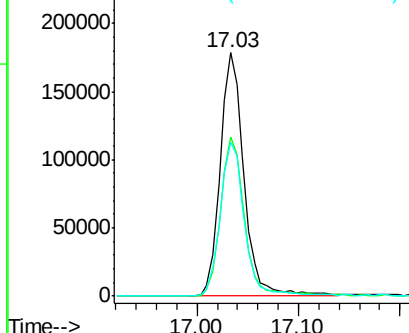


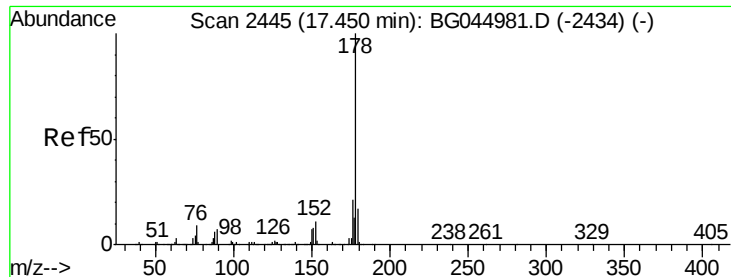
#70
Pentachlorophenol
Concen: 76.118 ng
RT: 17.03 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.5	77.3
264	63.2	52.2	78.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

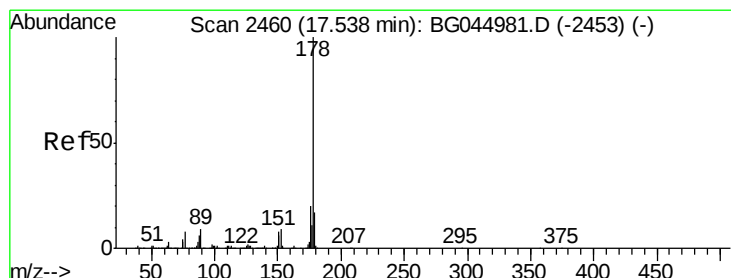
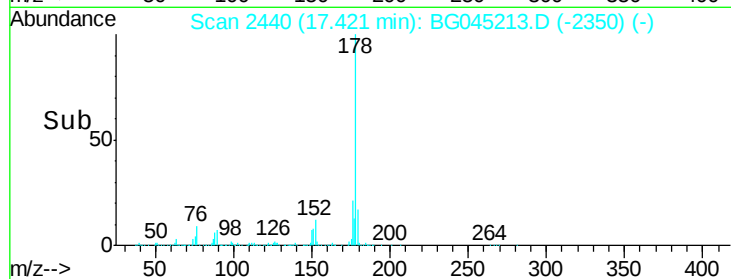
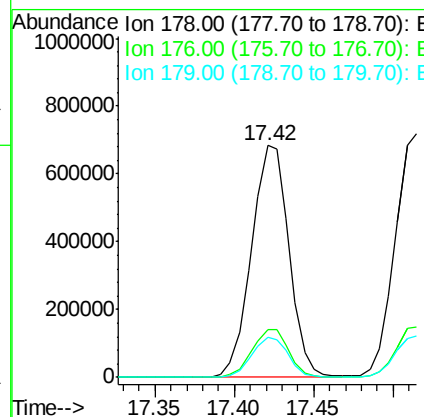
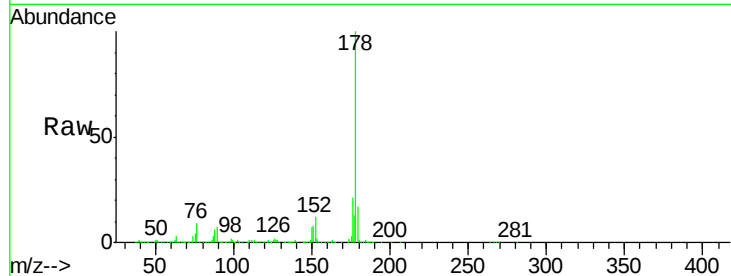




#71
Phenanthrene
Concen: 47.088 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

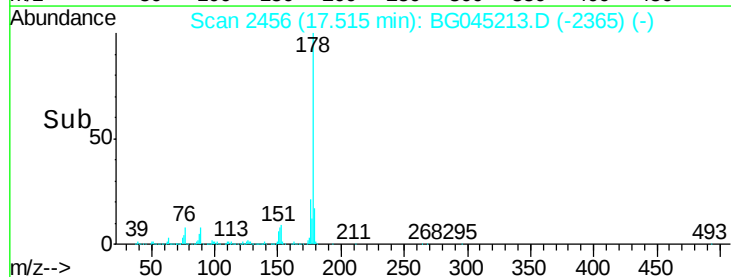
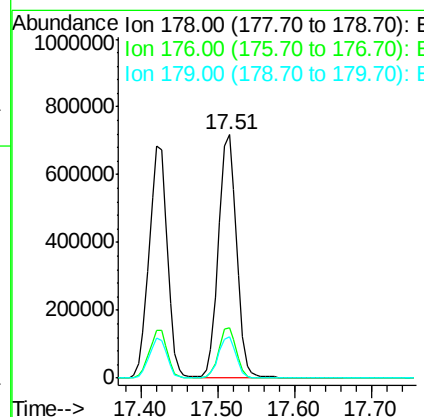
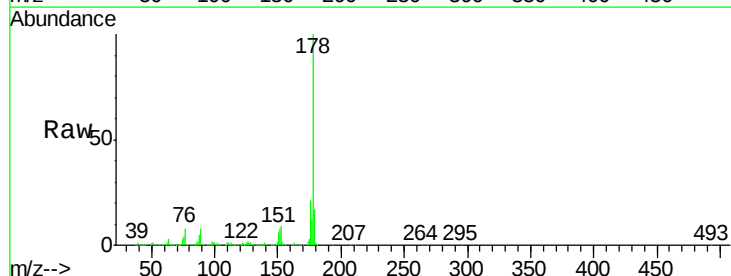
Instrument :
BNA_G
ClientSampled :

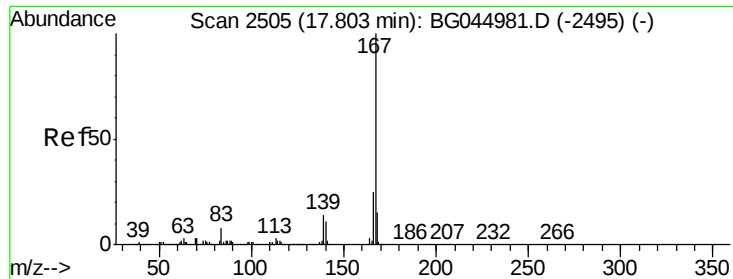
Tot Ion:178 Resp: 1126355
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 17.1 13.2 19.8



#72
Anthracene
Concen: 48.278 ng
RT: 17.51 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion:178 Resp: 1158392
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 17.0 13.6 20.4





#73

Carbazole

Concen: 43.222 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

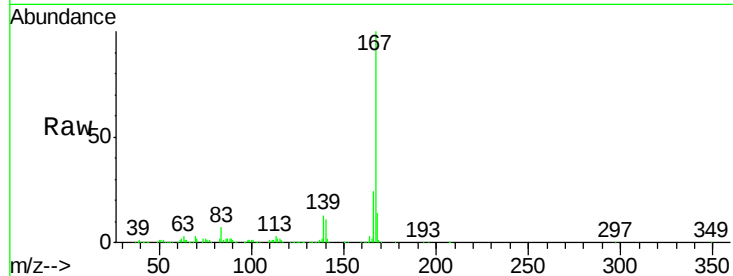
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1052447

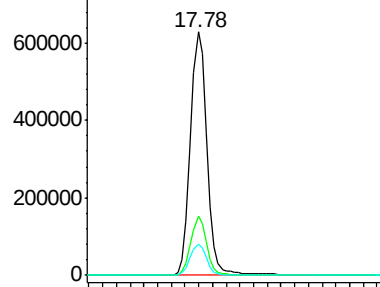
Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.8	29.6
139	12.6	10.9	16.3



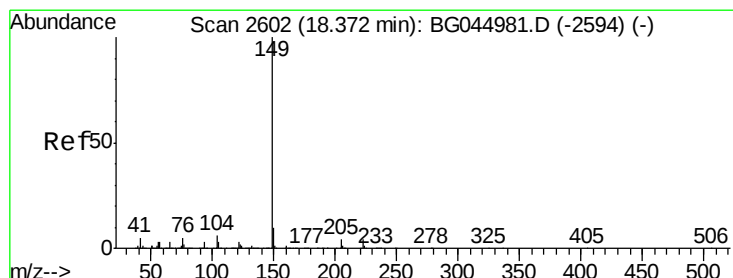
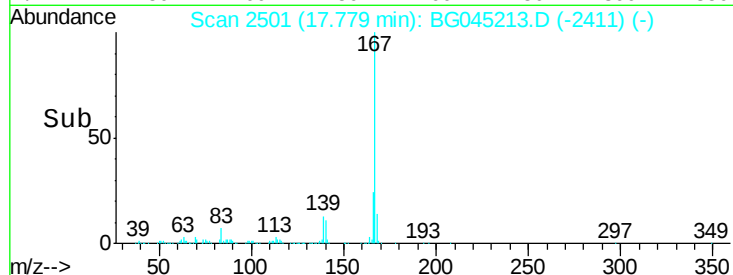
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 48.193 ng

RT: 18.34 min Scan# 2597

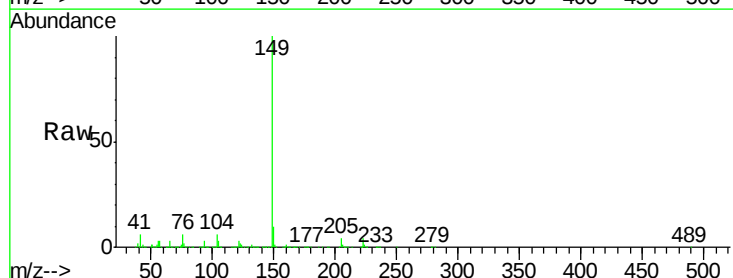
Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Tgt Ion:149 Resp: 1265970

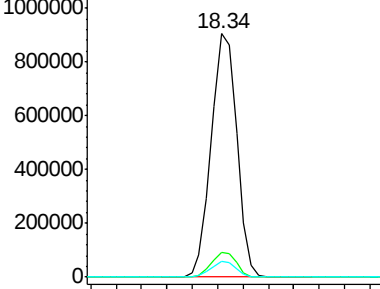
Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.3	4.8	7.2



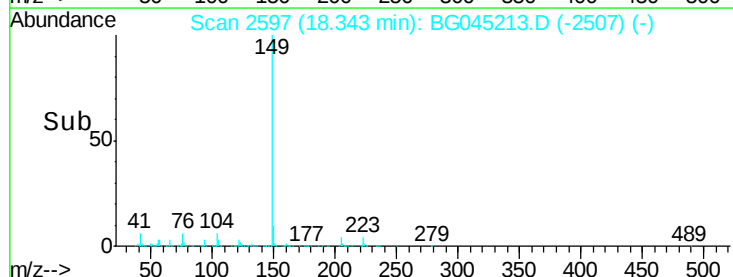
Abundance Ion 149.00 (148.70 to 149.70): E

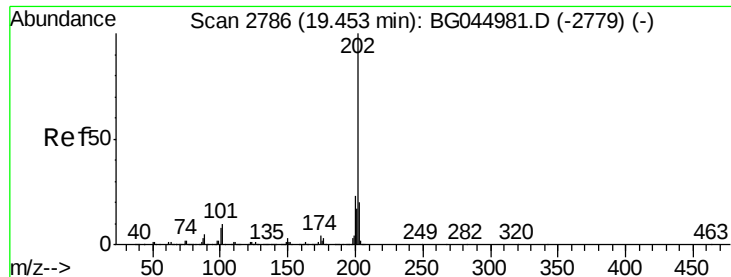
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 50.269 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

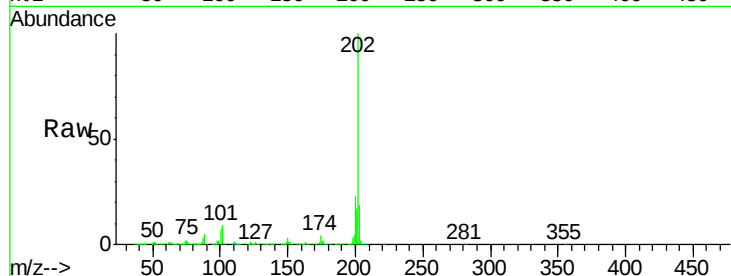
Tot Ion:202 Resp: 1393011

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.6

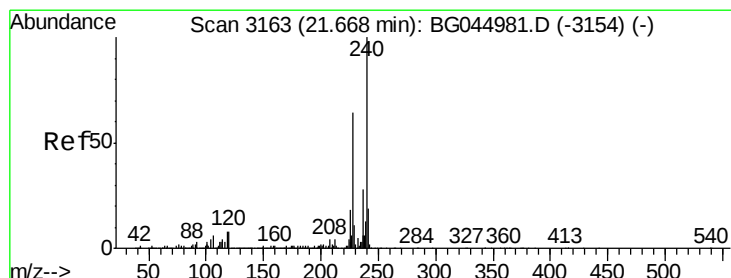
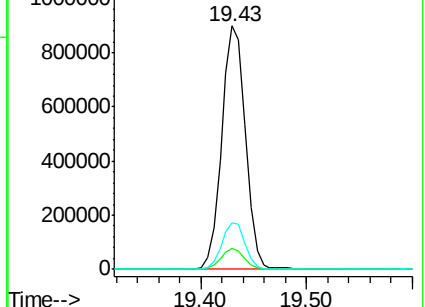
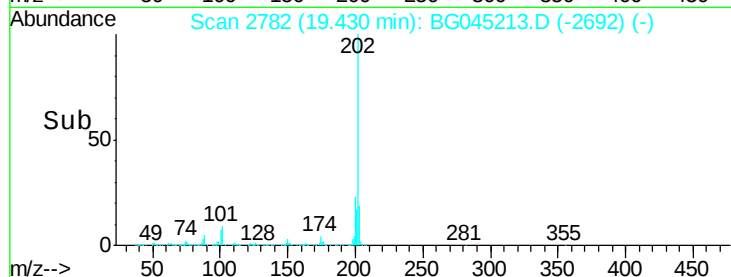
203 19.3 0.0 39.7



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: 21.64 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

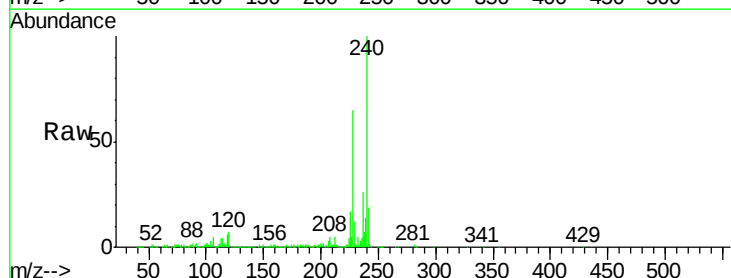
Tgt Ion:240 Resp: 424220

Ion Ratio Lower Upper

240 100

120 6.6 6.6 10.0#

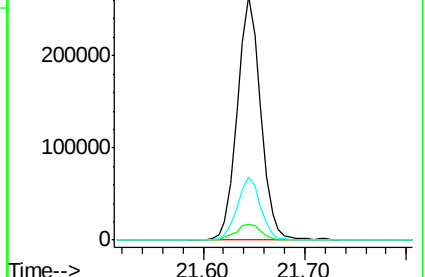
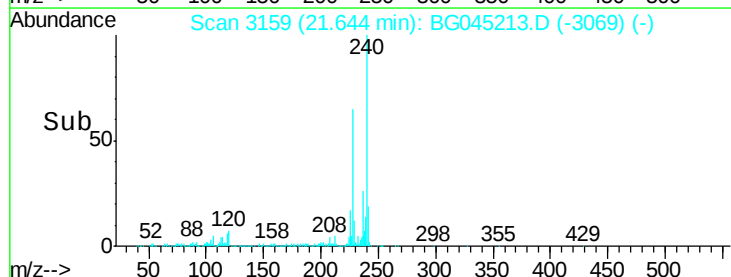
236 26.0 22.2 33.2

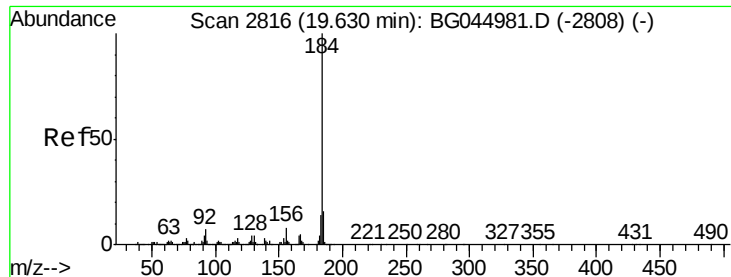


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.915 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

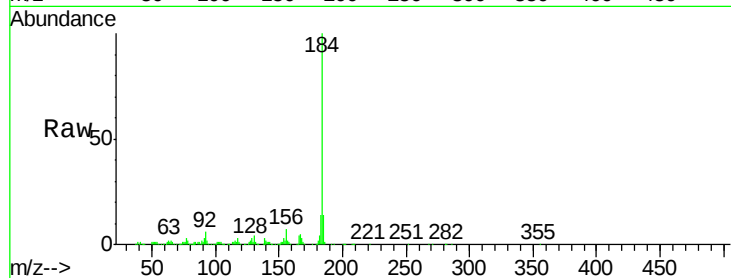
Tot Ion:184 Resp: 445405

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

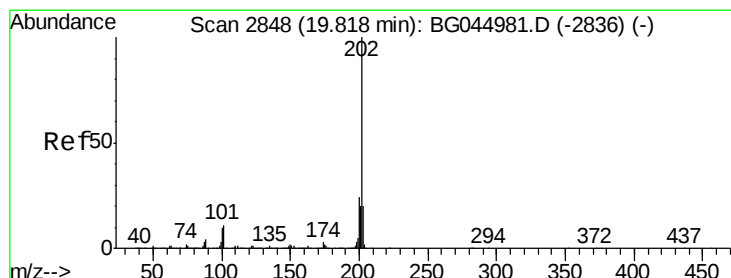
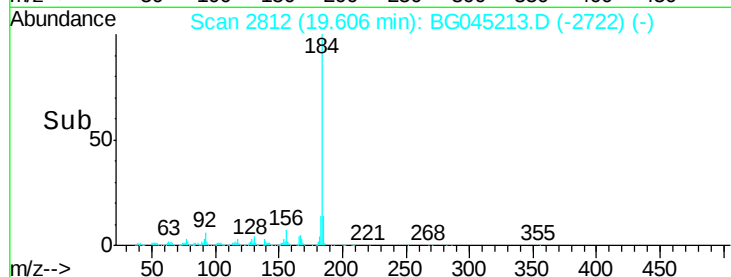
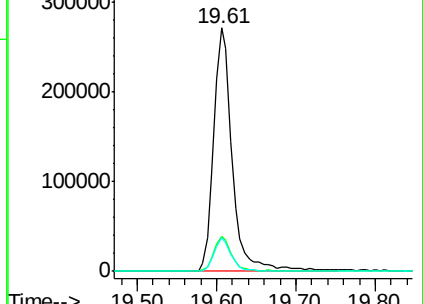
183 13.7 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.416 ng

RT: 19.79 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

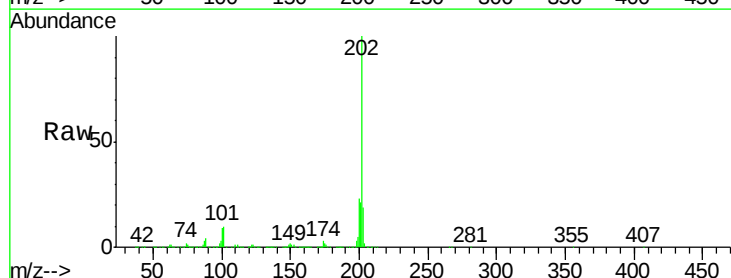
Tgt Ion:202 Resp: 1357487

Ion Ratio Lower Upper

202 100

200 22.5 19.0 28.6

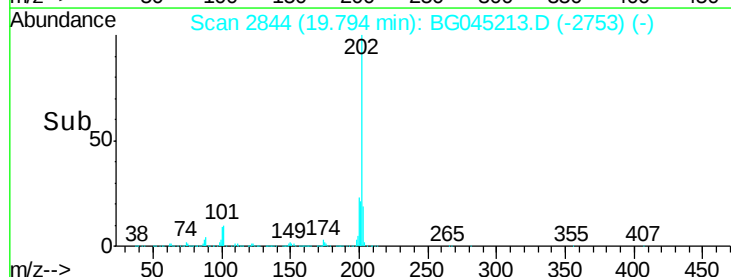
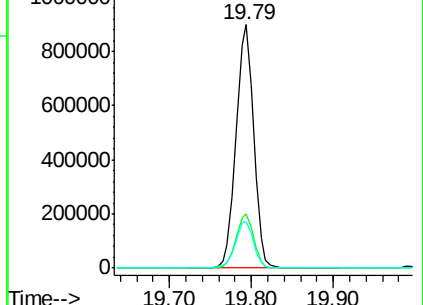
203 19.0 16.1 24.1

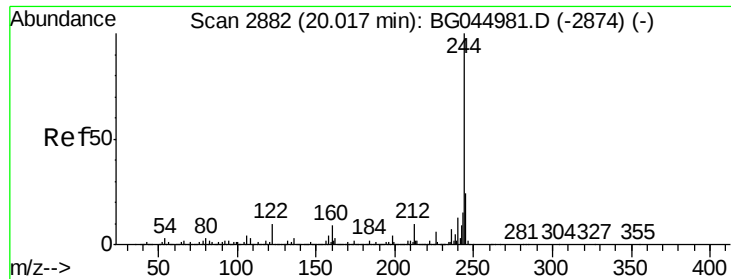


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.149 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

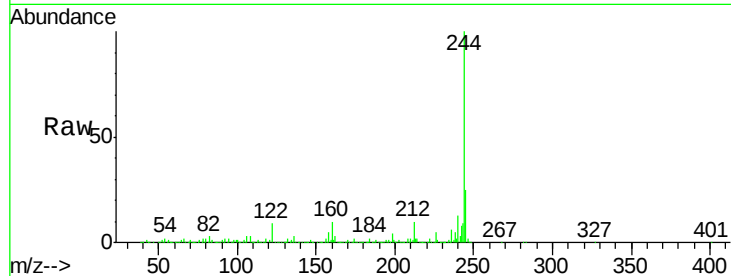
Tot Ion:244 Resp: 2007644

Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

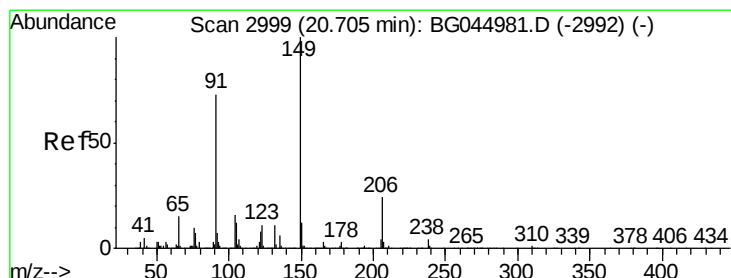
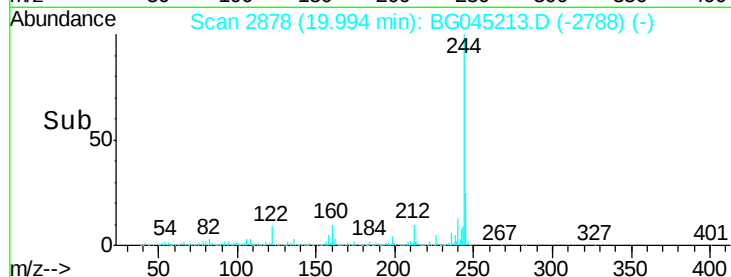
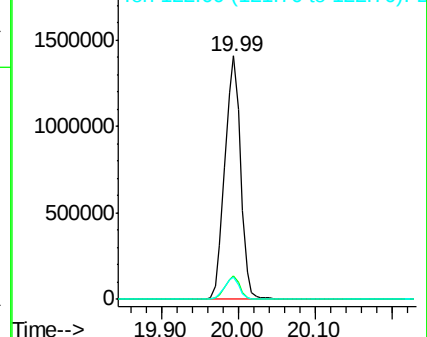
122 9.0 7.7 11.5



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



#80

Butylbenzylphthalate

Concen: 46.408 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

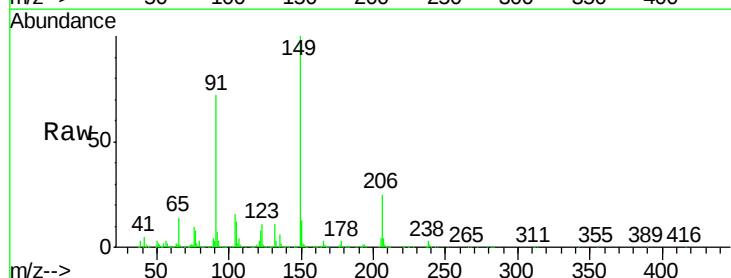
Tgt Ion:149 Resp: 562588

Ion Ratio Lower Upper

149 100

91 71.9 58.5 87.7

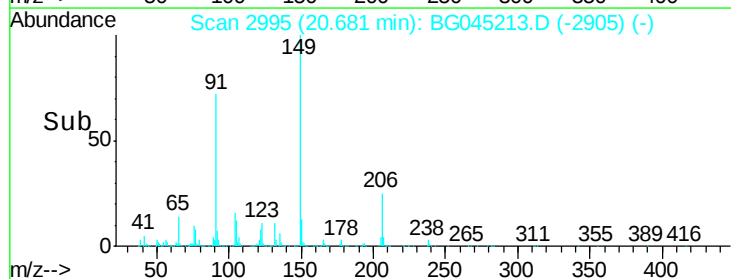
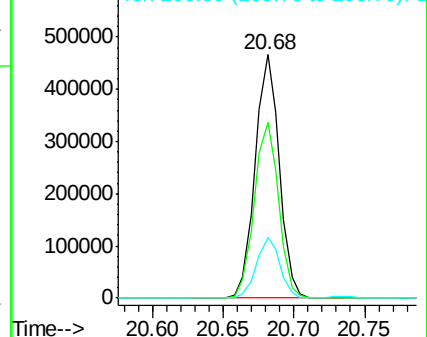
206 24.7 19.2 28.8

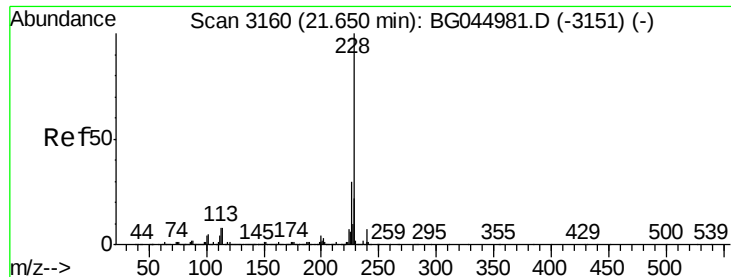


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

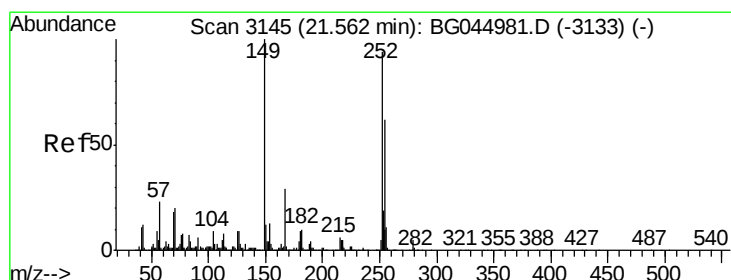
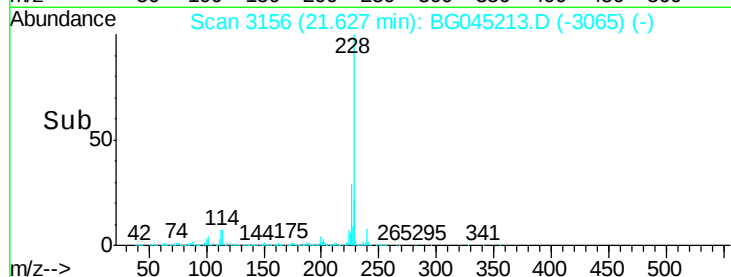
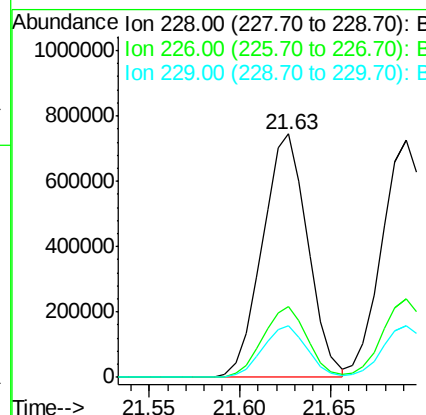
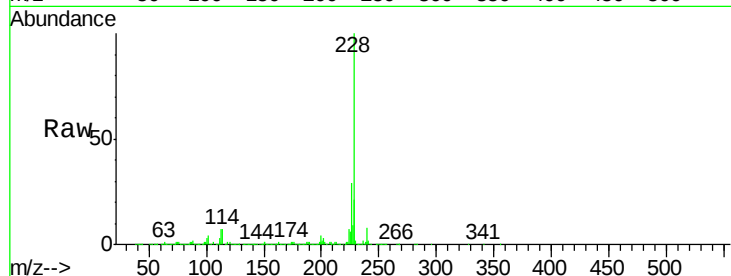




#81
Benzo(a)anthracene
Concen: 47.330 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

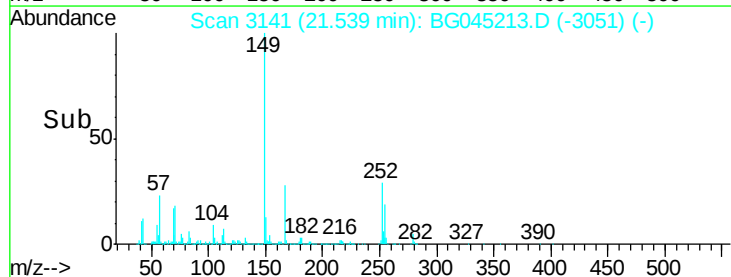
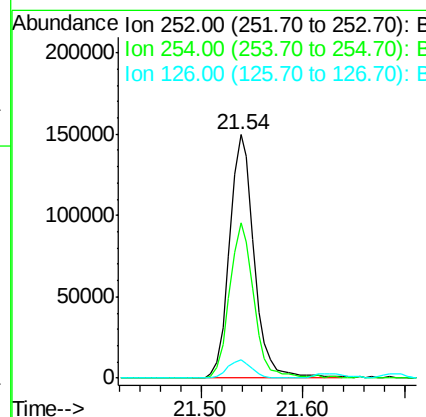
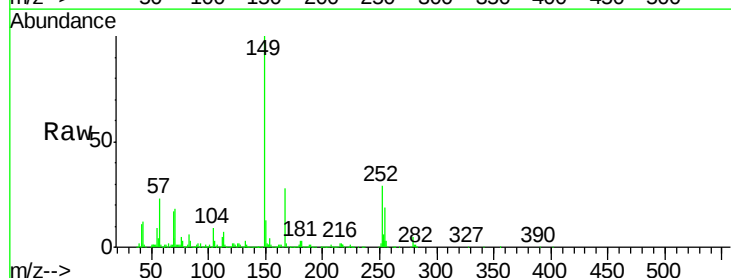
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1301346
Ion Ratio Lower Upper
228 100
226 29.2 24.0 36.0
229 21.4 17.5 26.3



#82
3,3'-Dichlorobenzidine
Concen: 22.986 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion:252 Resp: 251550
Ion Ratio Lower Upper
252 100
254 63.9 52.6 79.0
126 7.6 7.5 11.3





#83

Chrysene

Concen: 48.254 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampled :

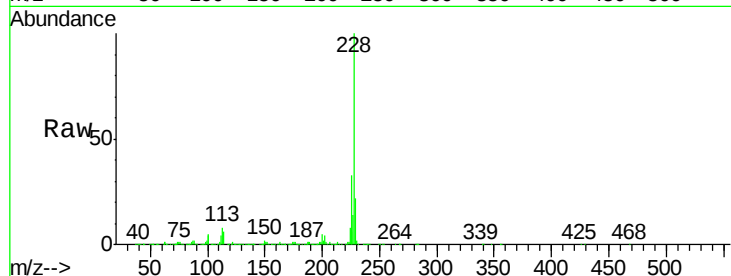
Tot Ion:228 Resp: 1274786

Ion Ratio Lower Upper

228 100

226 33.3 26.2 39.4

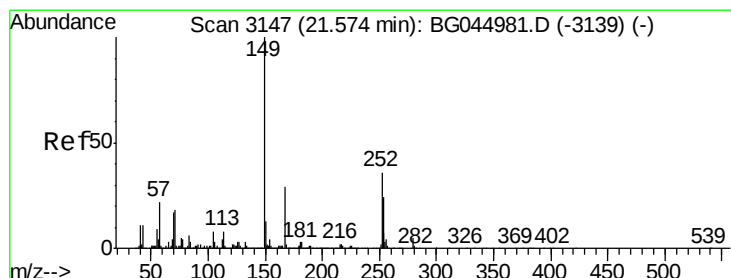
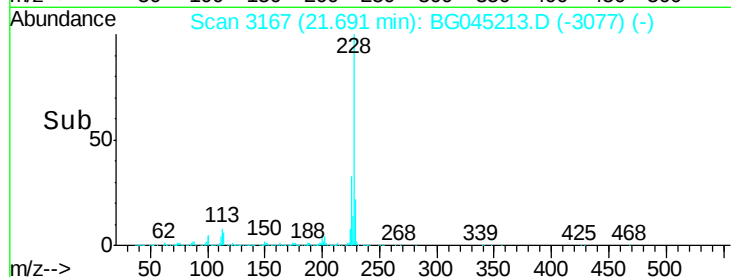
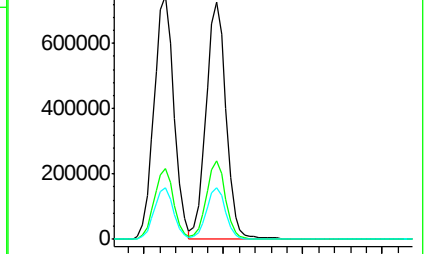
229 21.5 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.114 ng

RT: 21.54 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

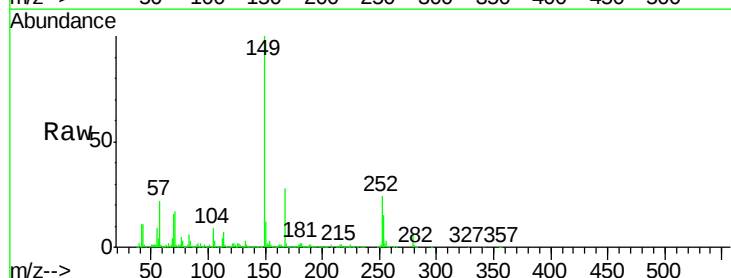
Tgt Ion:149 Resp: 785536

Ion Ratio Lower Upper

149 100

167 28.3 23.4 35.0

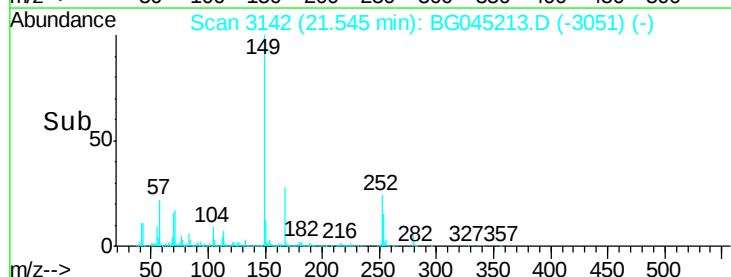
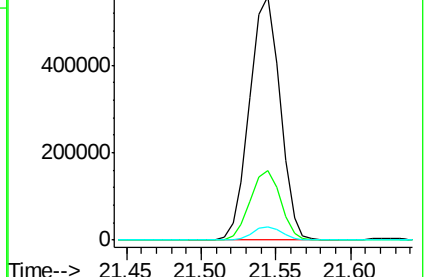
279 5.6 4.3 6.5

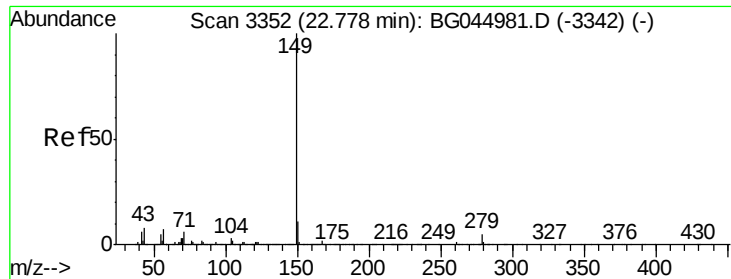


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.099 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

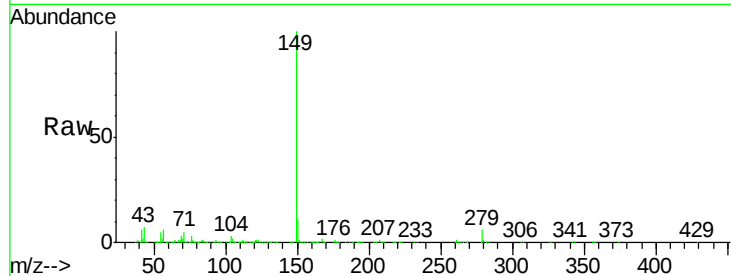
Tot Ion:149 Resp: 1357950

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

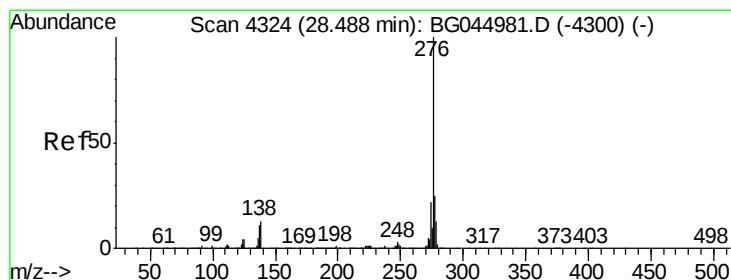
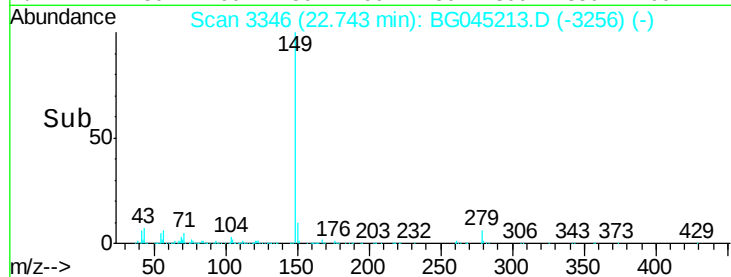
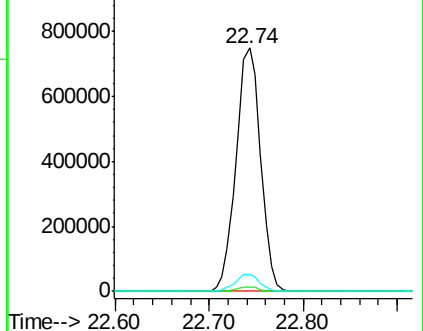
43 7.0 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.980 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.01 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

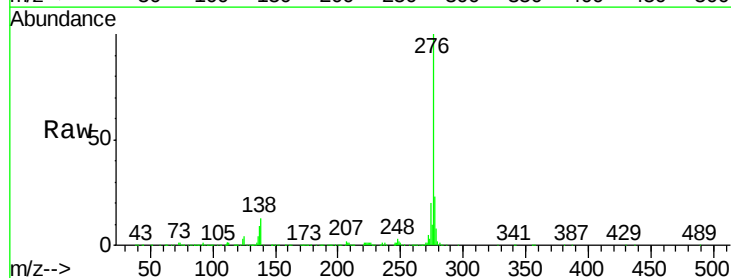
Tgt Ion:276 Resp: 1717966

Ion Ratio Lower Upper

276 100

138 15.6 9.6 14.4#

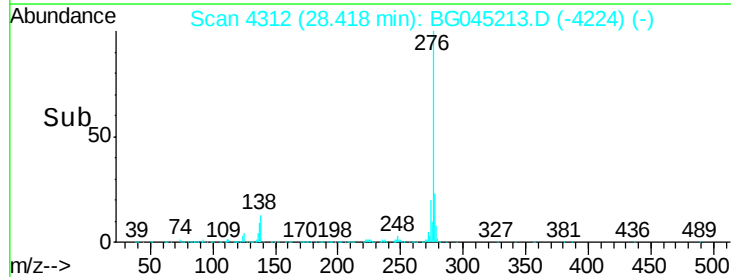
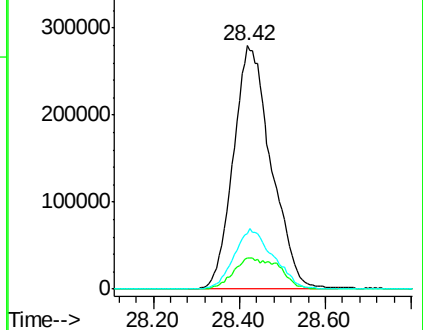
277 25.6 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



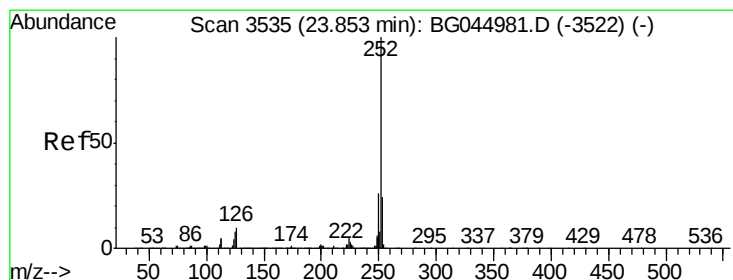
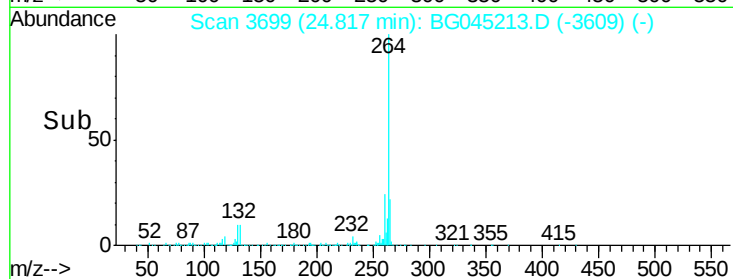
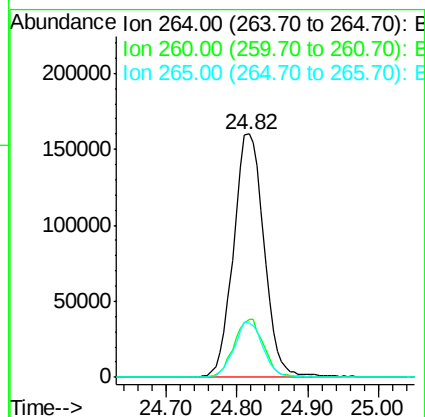
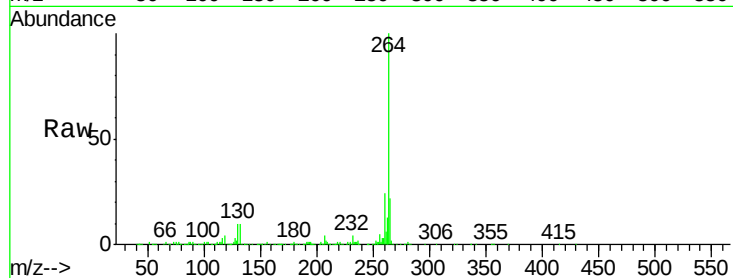


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 482311

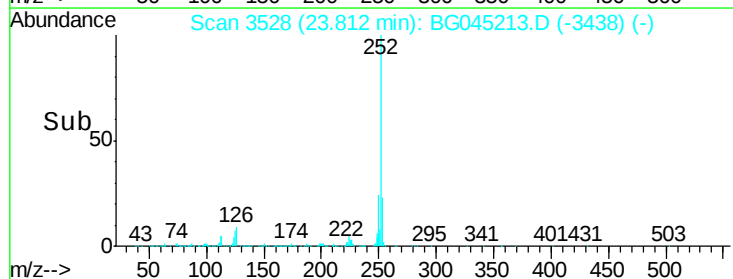
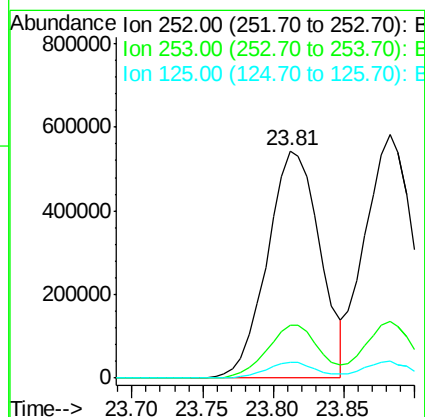
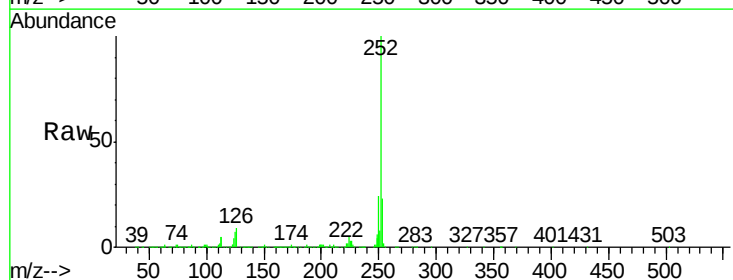
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	19.0	28.4

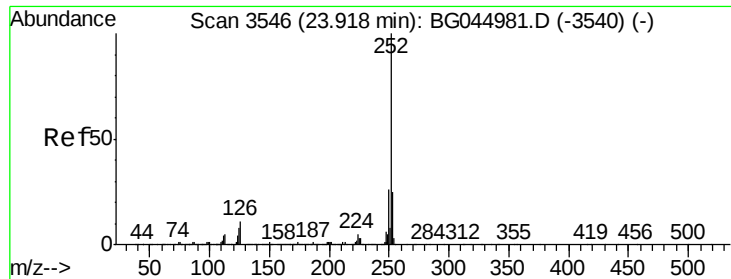


#88
Benzo(b)fluoranthene
Concen: 46.905 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion:252 Resp: 1417068

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	6.8	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 48.585 ng

RT: 23.88 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

Instrument :

BNA_G

ClientSampleId :

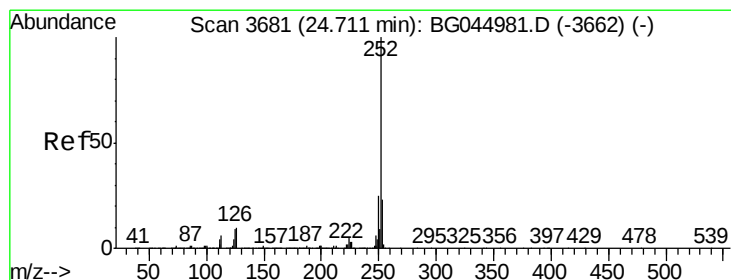
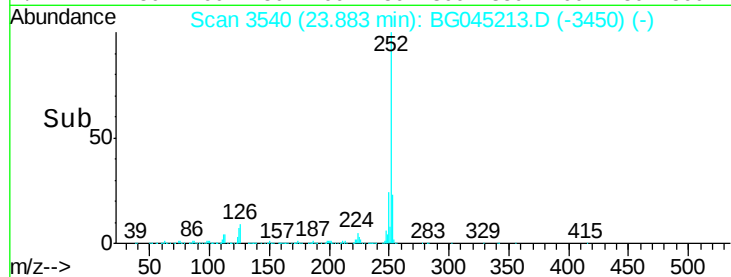
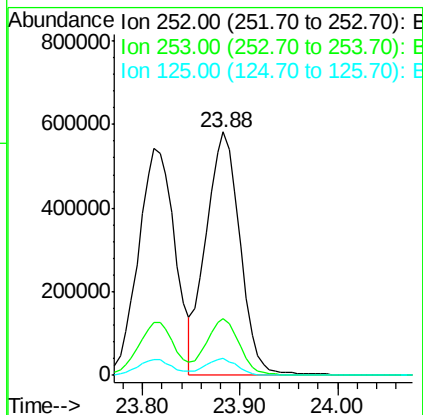
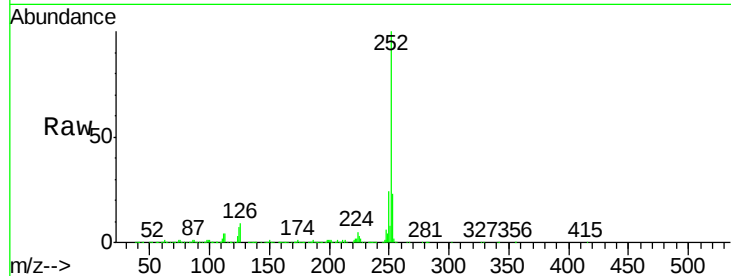
Tot Ion:252 Resp: 1395908

Ion Ratio Lower Upper

252 100

253 23.3 19.2 28.8

125 6.8 5.9 8.9



#90

Benzo(a)pyrene

Concen: 45.862 ng

RT: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG045213.D

Acq: 29 Apr 2020 20:19

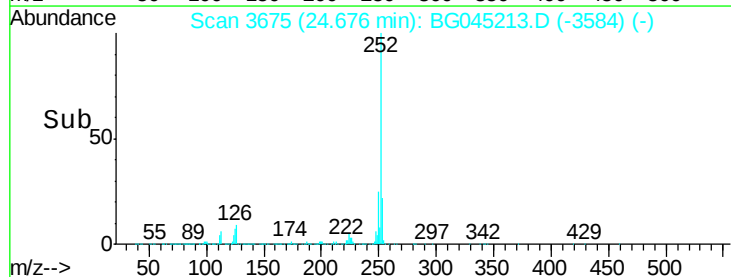
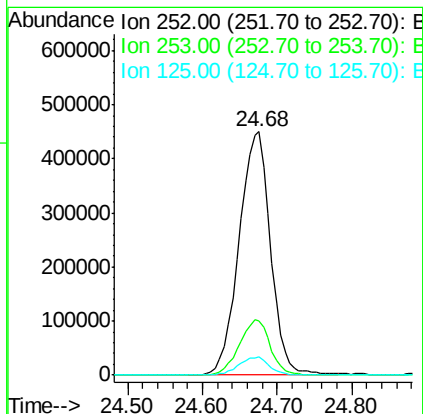
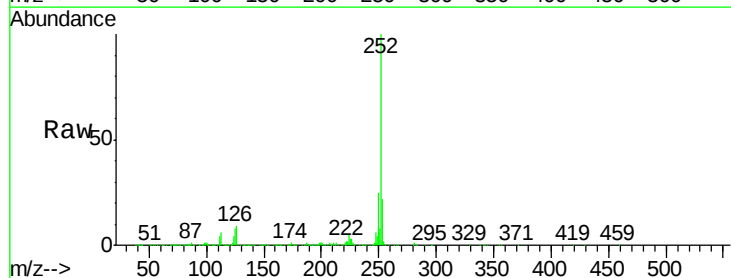
Tgt Ion:252 Resp: 1308196

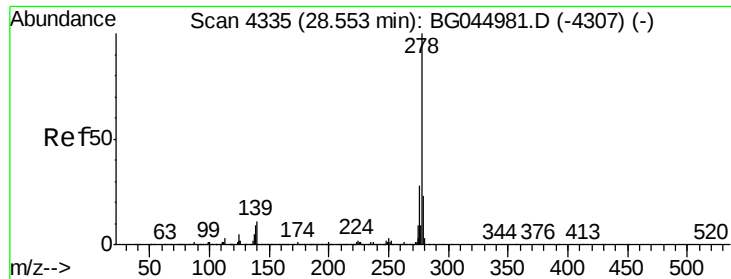
Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

125 7.5 7.0 10.6



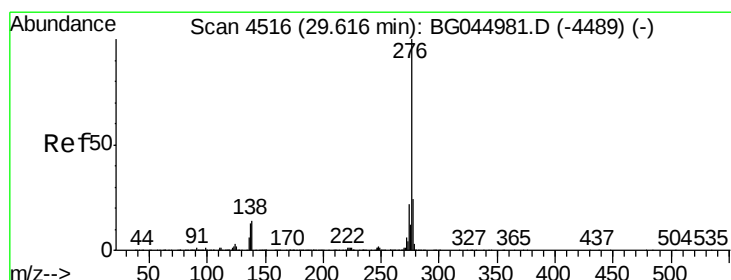
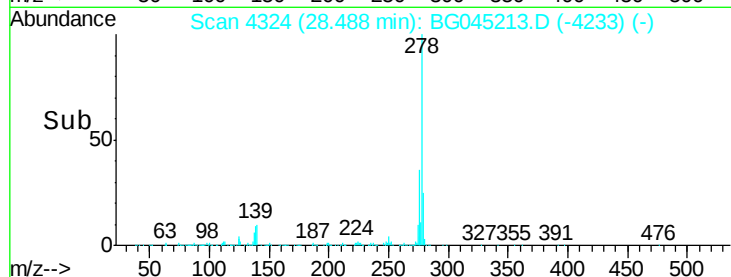
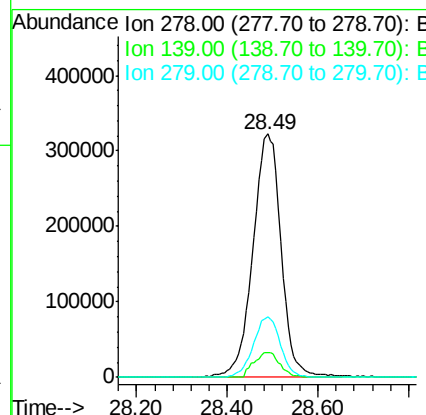
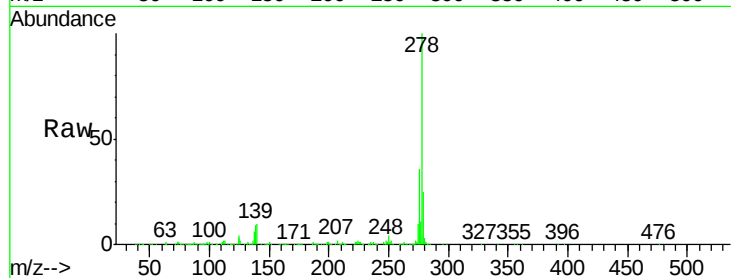


#91
Dibenzo(a,h)anthracene
Concen: 48.366 ng
RT: 28.49 min Scan# 4324
Delta R.T. 0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1390169

Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.0	13.6
279	25.0	18.4	27.6



#92
Benzo(g,h,i)perylene
Concen: 48.295 ng
RT: 29.55 min Scan# 4505
Delta R.T. -0.00 min
Lab File: BG045213.D
Acq: 29 Apr 2020 20:19

Tgt Ion:276 Resp: 1391689

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	12.8	11.4	17.2

