

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045583.D
 Acq On : 3 Jun 2020 16:19
 Operator : CG/JU
 Sample : PB129260BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 03 17:03:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62310	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	240838	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	170683	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	414612	20.00	ng	0.00
76) Chrysene-d12	21.61	240	393418	20.00	ng	0.00
87) Perylene-d12	24.75	264	424957	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	474107	148.70	ng	0.00
7) Phenol-d6	7.15	99	655948	144.55	ng	0.00
23) Nitrobenzene-d5	9.12	82	425468	96.34	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	319000	146.14	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	964166	95.82	ng	0.00
79) Terphenyl-d14	19.97	244	1683885	99.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	64370	40.713	ng	97
3) Pyridine	3.80	79	143126	32.504	ng	97
4) n-Nitrosodimethylamine	3.72	42	65816	45.677	ng	99
6) Aniline	7.28	93	197399	33.322	ng	96
8) 2-Chlorophenol	7.53	128	175001	50.051	ng	99
9) Benzaldehyde	7.08	77	109068	36.889	ng	95
10) Phenol	7.18	94	230819	49.352	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	165550	45.380	ng	98
12) 1,3-Dichlorobenzene	7.84	146	188781	44.929	ng	98
13) 1,4-Dichlorobenzene	7.99	146	191315	46.139	ng	97
14) 1,2-Dichlorobenzene	8.31	146	177821	44.587	ng	96
15) Benzyl Alcohol	8.20	79	180523	48.155	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	153334	44.280	ng	98
17) 2-Methylphenol	8.42	107	157285	44.929	ng	98
18) Hexachloroethane	9.04	117	74805	47.103	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	141141	44.977	ng	94
20) 3+4-Methylphenols	8.42	107	157285	32.994	ng	76
22) Acetophenone	8.77	105	269831	47.271	ng	# 98
24) Nitrobenzene	9.16	77	217735	46.015	ng	98
25) Isophorone	9.68	82	404379	46.492	ng	99
26) 2-Nitrophenol	9.87	139	99392	49.102	ng	93
27) 2,4-Dimethylphenol	9.95	122	164284	54.721	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	223080	48.906	ng	97
29) 2,4-Dichlorophenol	10.43	162	178717	50.411	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	196459	46.897	ng	98
31) Naphthalene	10.81	128	524661	46.749	ng	98
32) Benzoic acid	10.12	122	96549	47.434	ng	96
33) 4-Chloroaniline	10.92	127	110762	23.611	ng	96
34) Hexachlorobutadiene	11.10	225	137858	46.555	ng	98
35) Caprolactam	11.69	113	36950	28.395	ng	83
36) 4-Chloro-3-methylphenol	12.08	107	205638	51.475	ng	97
37) 2-Methylnaphthalene	12.42	142	398589	47.650	ng	98
38) 1-Methylnaphthalene	12.64	142	377155	47.731	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	228232	47.873	ng	99

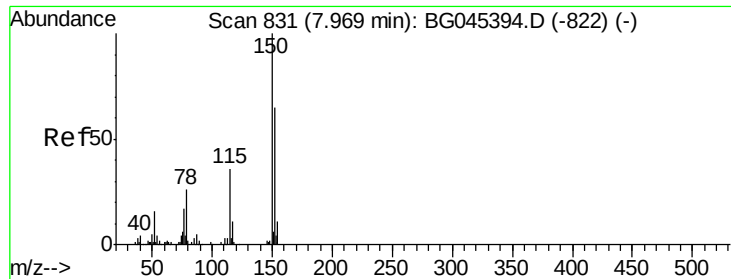
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045583.D
 Acq On : 3 Jun 2020 16:19
 Operator : CG/JU
 Sample : PB129260BS
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Quant Time: Jun 03 17:03:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	281105	102.157	ng	98
43) 2,4,6-Trichlorophenol	13.04	196	158241	47.782	ng	100
44) 2,4,5-Trichlorophenol	13.12	196	168535	44.533	ng	98
46) 1,1'-Biphenyl	13.43	154	516642	49.262	ng	99
47) 2-Chloronaphthalene	13.47	162	390170	45.814	ng	100
48) 2-Nitroaniline	13.68	65	133989	47.829	ng	91
49) Acenaphthylene	14.32	152	657390	48.057	ng	100
50) Dimethylphthalate	14.06	163	545610	46.599	ng	98
51) 2,6-Dinitrotoluene	14.17	165	123362	46.691	ng	93
52) Acenaphthene	14.66	154	380721	41.578	ng	98
53) 3-Nitroaniline	14.51	138	73365	27.316	ng	92
54) 2,4-Dinitrophenol	14.71	184	139266	80.434	ng	96
55) Dibenzofuran	15.00	168	628870	46.247	ng	96
56) 4-Nitrophenol	14.85	139	189910	93.395	ng	96
57) 2,4-Dinitrotoluene	14.97	165	182188	47.613	ng	93
58) Fluorene	15.65	166	532310	47.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	155133	46.593	ng	99
60) Diethylphthalate	15.42	149	562488	46.155	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	293542	45.918	ng	99
62) 4-Nitroaniline	15.67	138	128909	45.975	ng	97
63) Azobenzene	15.94	77	531432	46.766	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	110632	45.816	ng	93
66) n-Nitrosodiphenylamine	15.85	169	473080	47.523	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	206952	46.096	ng	96
68) Hexachlorobenzene	16.66	284	221525	47.176	ng	97
69) Atrazine	16.81	200	187971	45.844	ng	98
70) Pentachlorophenol	17.01	266	235015	96.389	ng	99
71) Phenanthrene	17.39	178	868032	47.957	ng	99
72) Anthracene	17.48	178	896331	49.312	ng	98
73) Carbazole	17.75	167	835116	47.134	ng	99
74) Di-n-butylphthalate	18.31	149	1007446	47.374	ng	99
75) Fluoranthene	19.40	202	1105298	48.010	ng	99
77) Benzidine	19.58	184	446000	40.364	ng	98
78) Pyrene	19.76	202	1106905	49.357	ng	98
80) Butylbenzylphthalate	20.65	149	452140	46.709	ng	99
81) Benzo(a)anthracene	21.59	228	1052503	48.024	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	269137	31.307	ng	100
83) Chrysene	21.66	228	1000133	47.460	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	618332	46.469	ng	98
85) Di-n-octyl phthalate	22.69	149	1047135	45.818	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1282929	46.556	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1095223	48.055	ng	99
89) Benzo(k)fluoranthene	23.83	252	1069081	49.930	ng	100
90) Benzo(a)pyrene	24.61	252	1012268	47.690	ng	97
91) Dibenzo(a,h)anthracene	28.40	278	1041843	48.844	ng	98
92) Benzo(g,h,i)perylene	29.45	276	1057663	49.580	ng	96

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

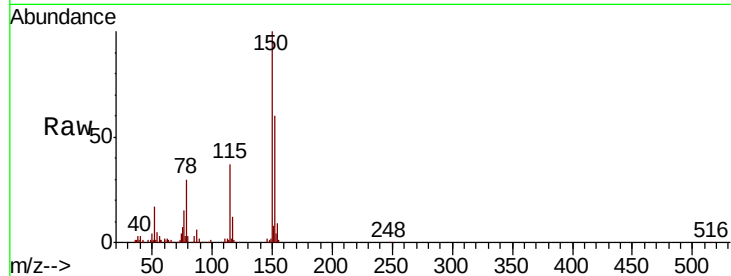


#1

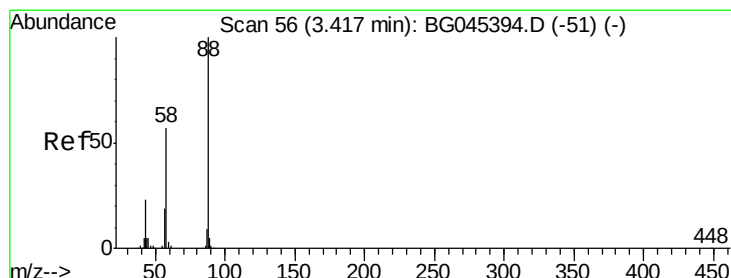
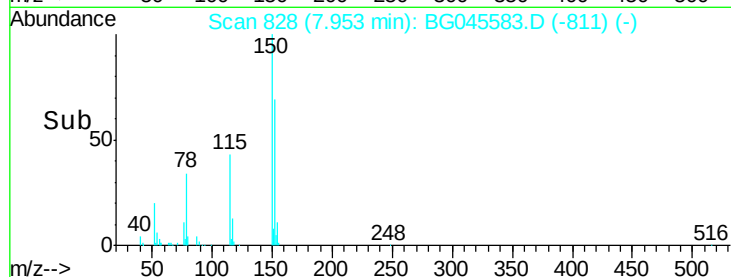
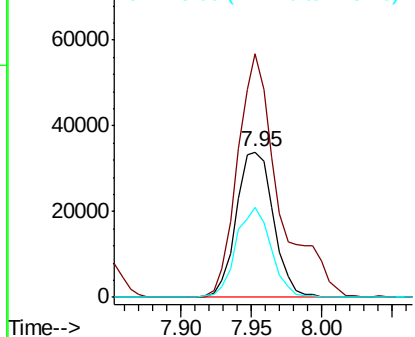
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62310
Ion Ratio Lower Upper
152 100
150 167.8 122.4 183.6
115 61.9 44.2 66.4



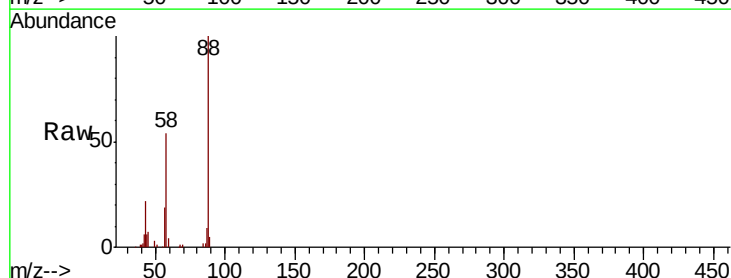
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



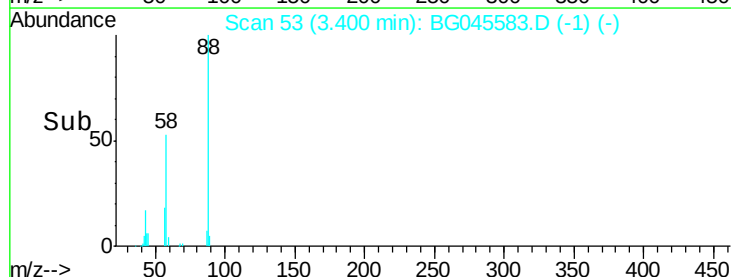
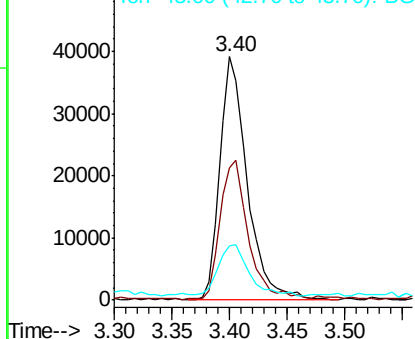
#2

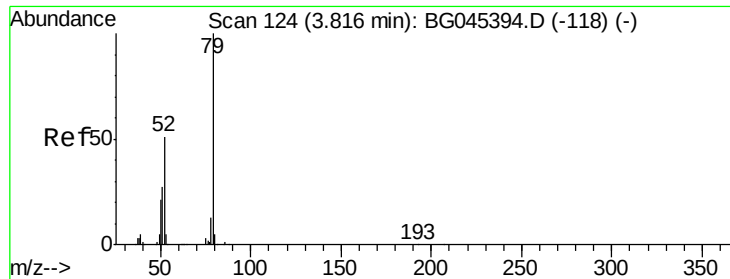
1,4-Dioxane
Concen: 40.713 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion: 88 Resp: 64370
Ion Ratio Lower Upper
88 100
58 59.6 45.7 68.5
43 22.6 16.8 25.2



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: 32.504 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

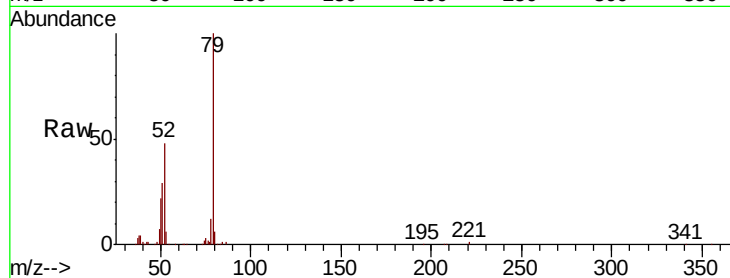
Tot Ion: 79 Resp: 143126

Ion Ratio Lower Upper

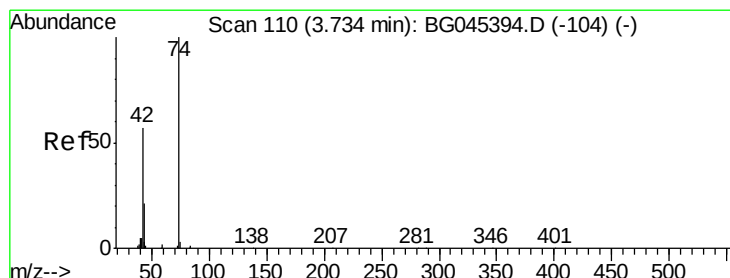
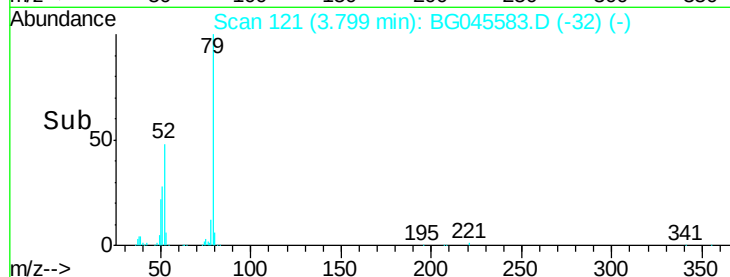
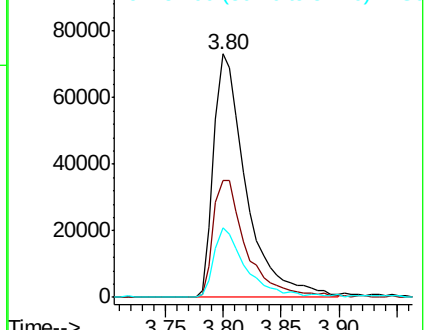
79 100

52 48.3 40.8 61.2

51 28.8 21.9 32.9



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: 45.677 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

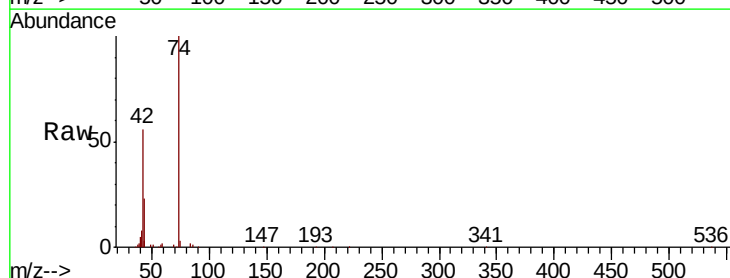
Tgt Ion: 42 Resp: 65816

Ion Ratio Lower Upper

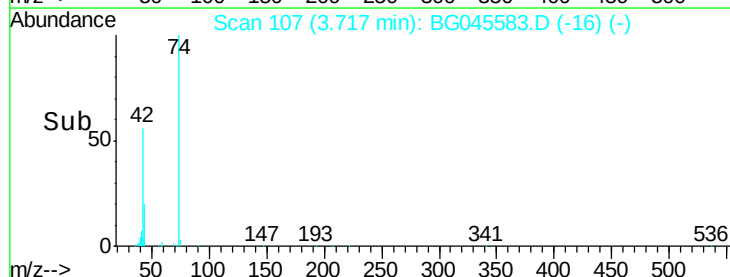
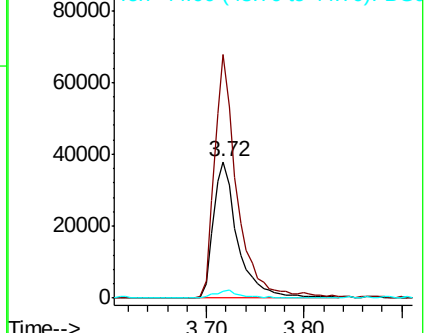
42 100

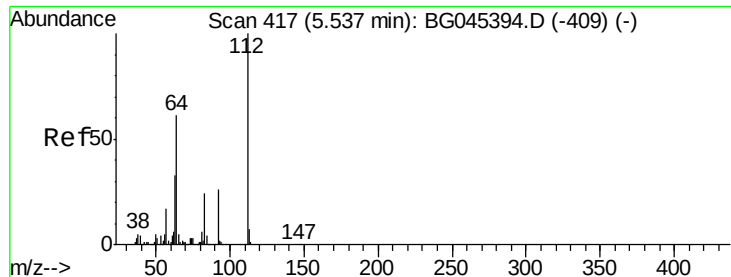
74 178.6 141.3 211.9

44 5.3 4.2 6.4



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: 148.699 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

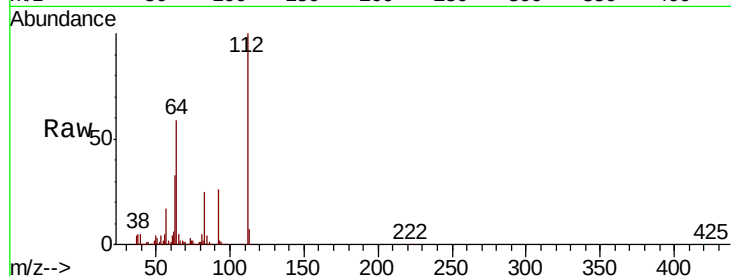
Tot Ion:112 Resp: 474107

Ion Ratio Lower Upper

112 100

64 59.1 48.6 72.8

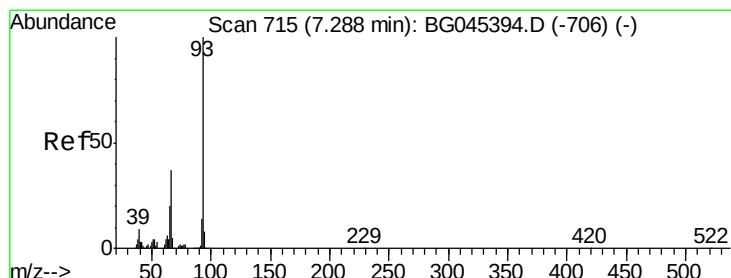
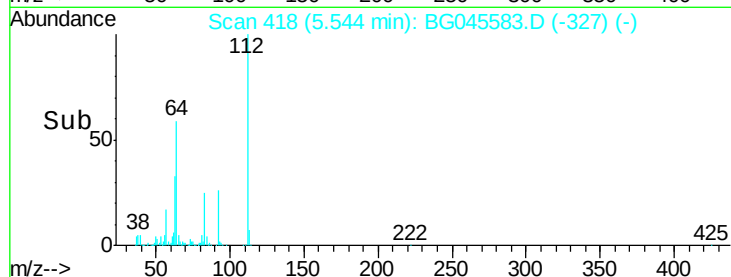
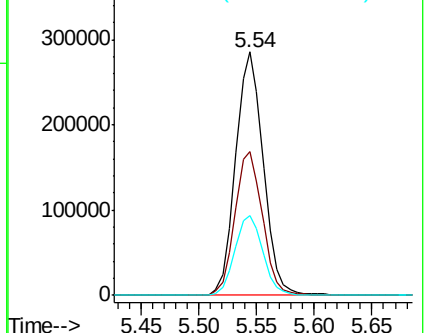
63 32.7 26.5 39.7



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: 33.322 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

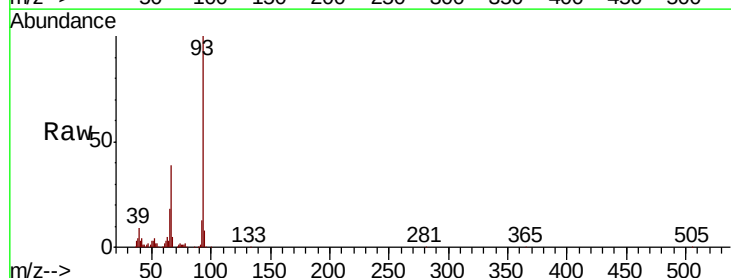
Tgt Ion: 93 Resp: 197399

Ion Ratio Lower Upper

93 100

66 38.7 29.6 44.4

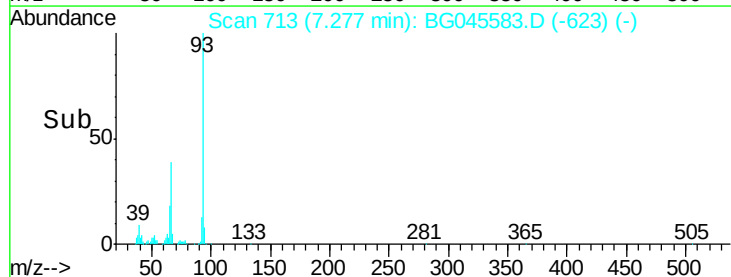
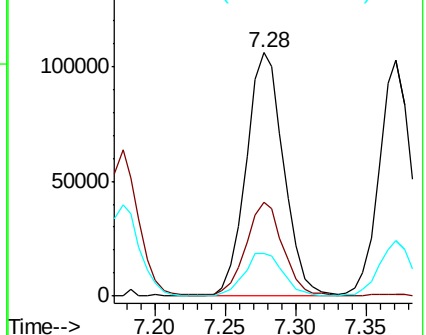
65 17.5 15.9 23.9

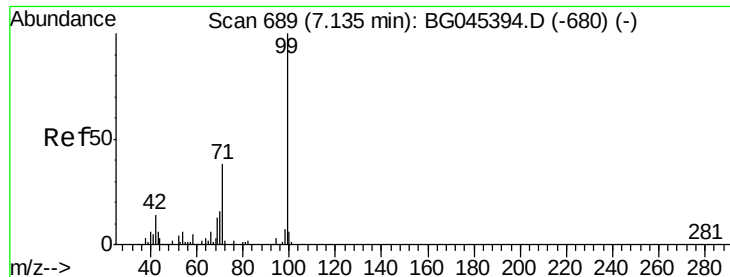


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.546 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampled :

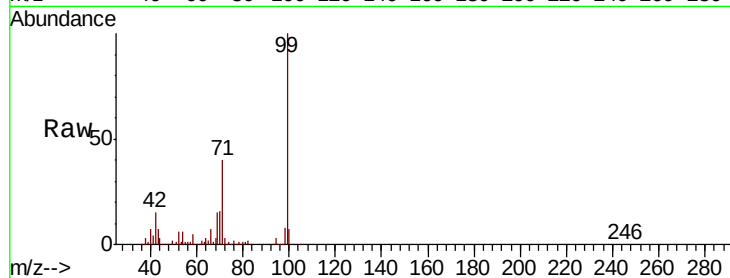
Tot Ion: 99 Resp: 655948

Ion Ratio Lower Upper

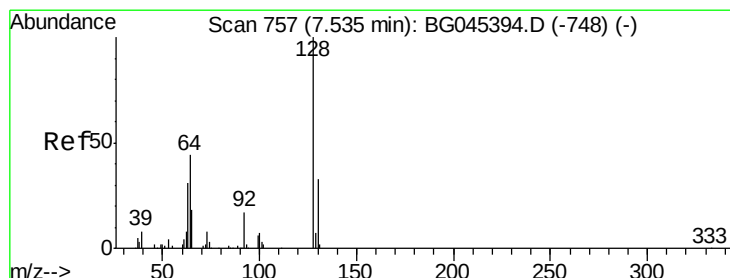
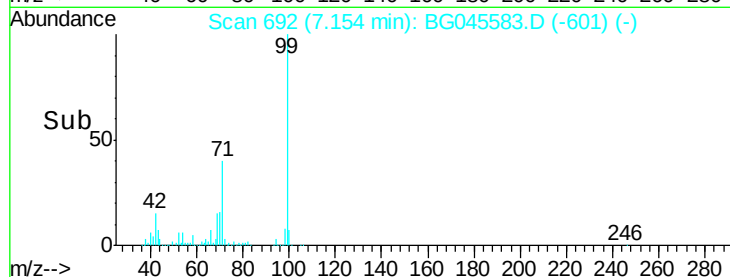
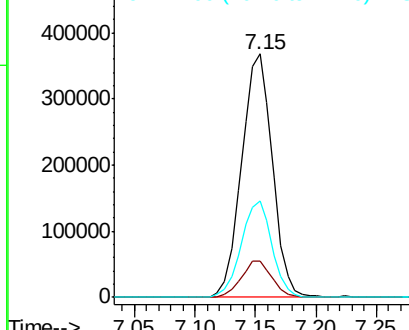
99 100

42 14.7 11.3 16.9

71 39.7 30.8 46.2



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: 50.051 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

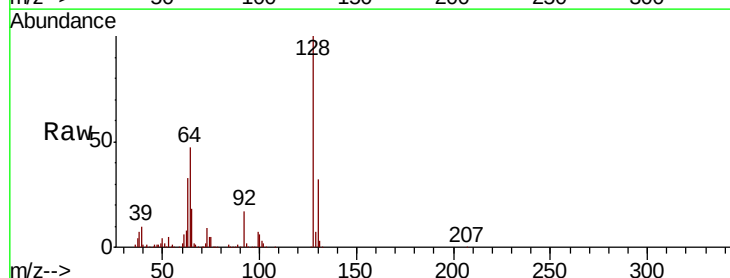
Tgt Ion: 128 Resp: 175001

Ion Ratio Lower Upper

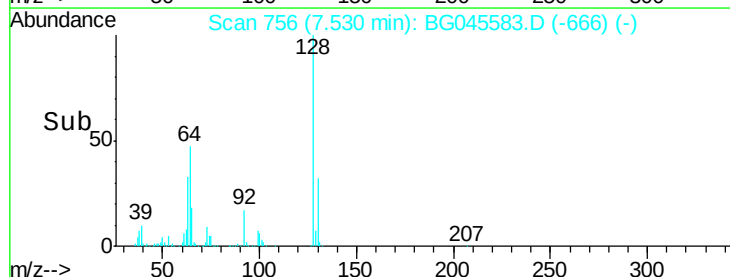
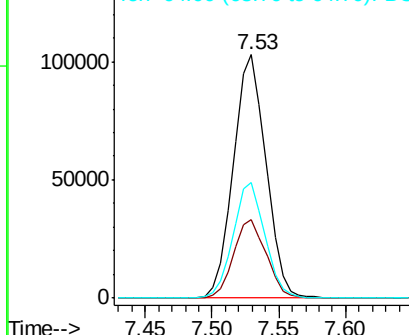
128 100

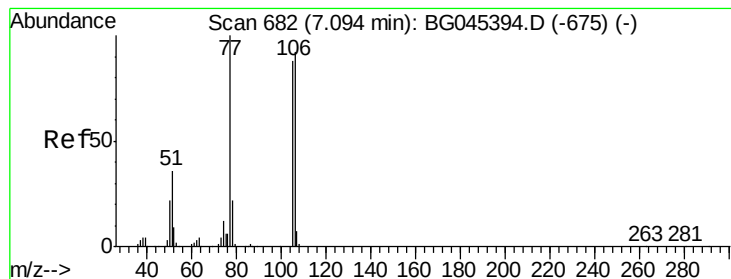
130 32.4 12.6 52.6

64 47.4 27.0 67.0



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: 36.889 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

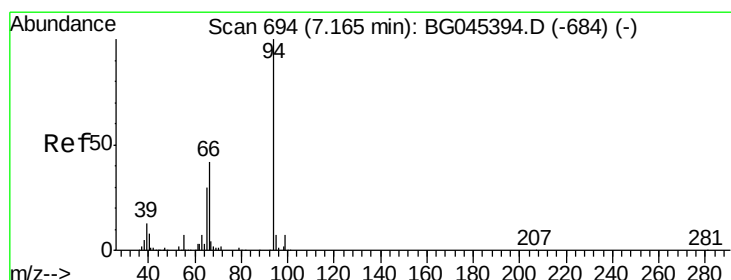
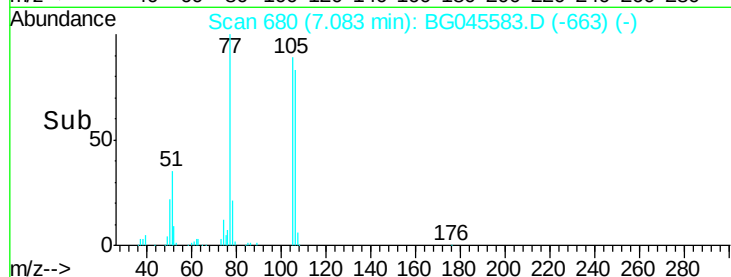
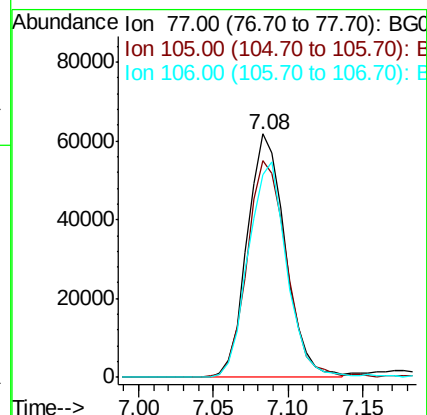
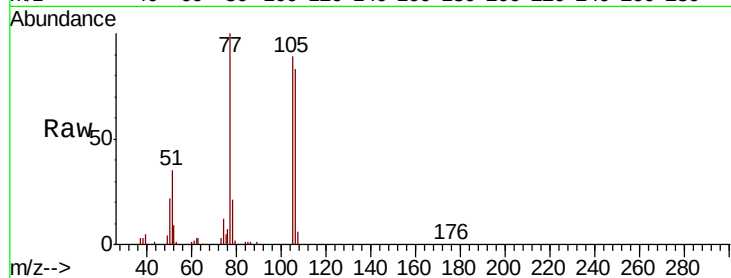
Tot Ion: 77 Resp: 109068

Ion Ratio Lower Upper

77 100

105 89.3 68.5 108.5

106 83.4 71.6 111.6



#10

Phenol

Concen: 49.352 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

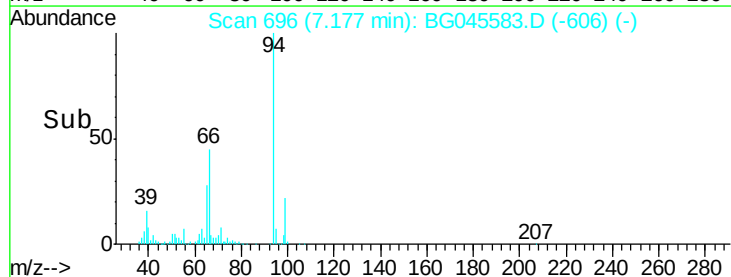
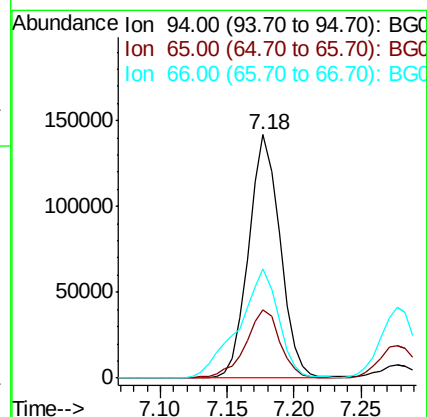
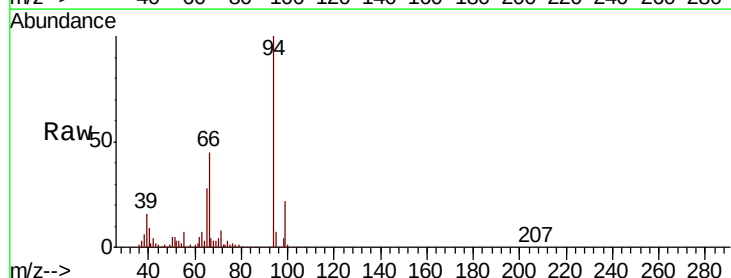
Tgt Ion: 94 Resp: 230819

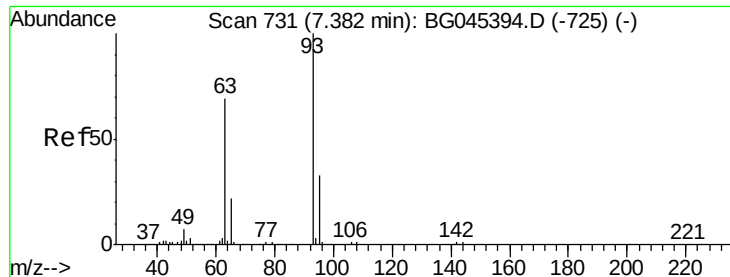
Ion Ratio Lower Upper

94 100

65 28.1 9.8 49.8

66 44.8 22.0 62.0





#11

bis(2-Chloroethyl)ether

Concen: 45.380 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

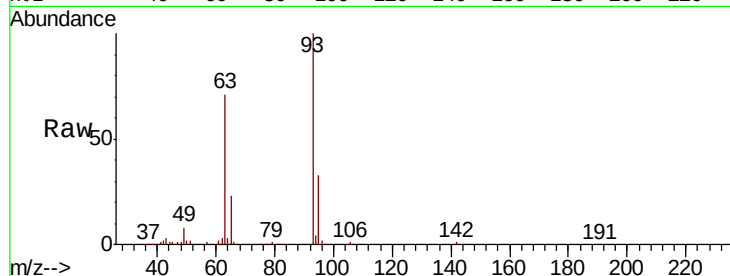
Tot Ion: 93 Resp: 165550

Ion Ratio Lower Upper

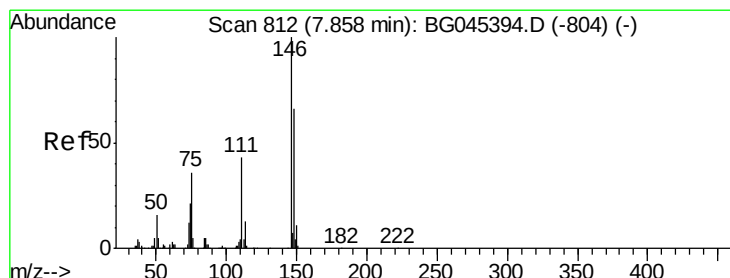
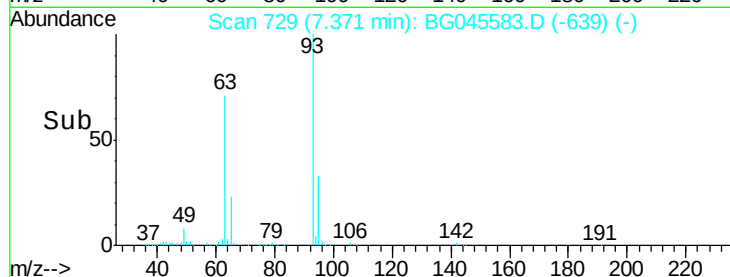
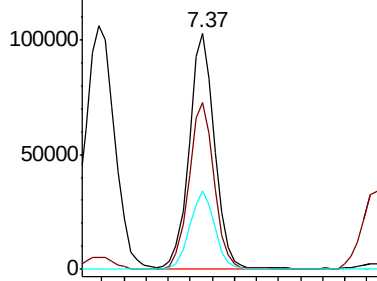
93 100

63 70.7 48.4 88.4

95 33.0 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 44.929 ng

RT: 7.84 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

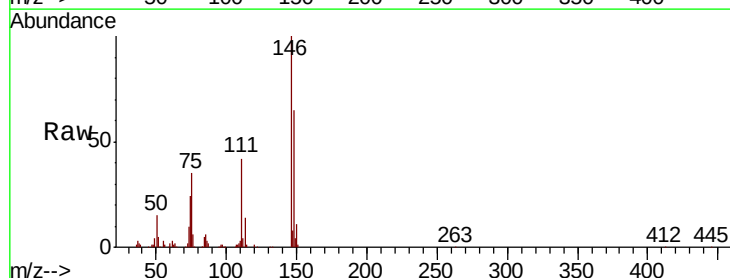
Tgt Ion: 146 Resp: 188781

Ion Ratio Lower Upper

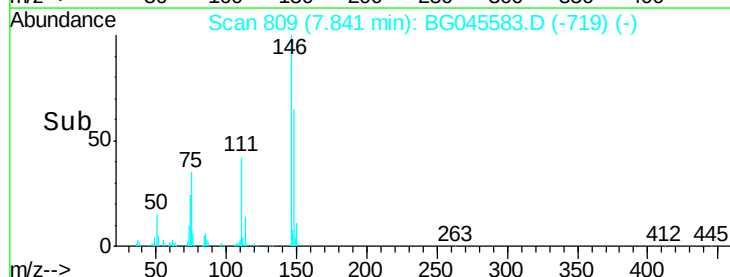
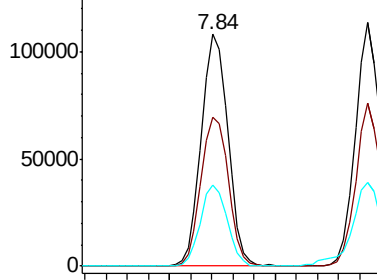
146 100

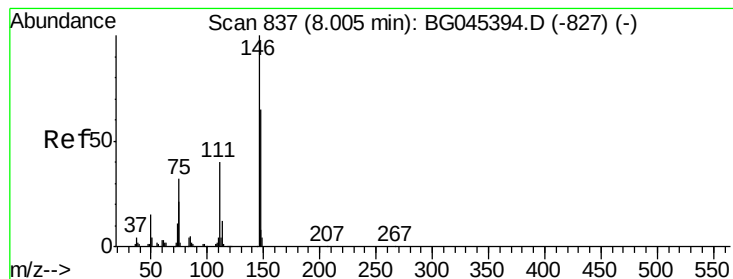
148 64.5 53.2 79.8

75 35.1 28.6 43.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 46.139 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

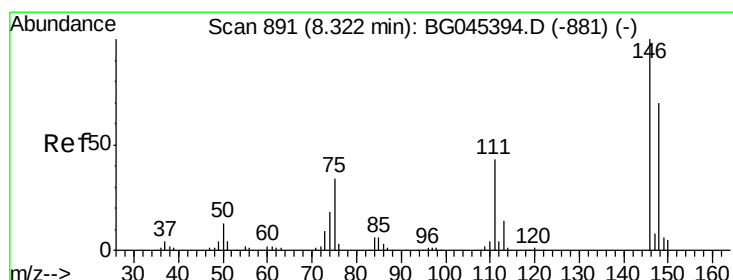
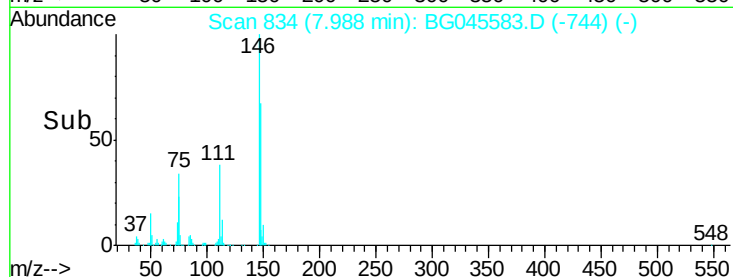
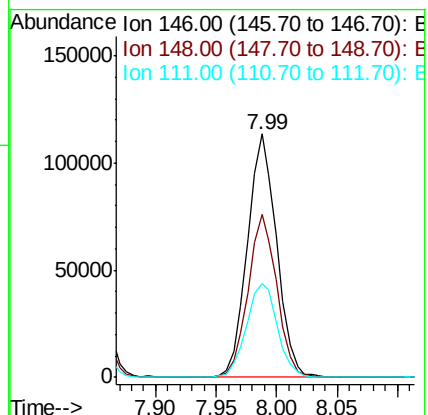
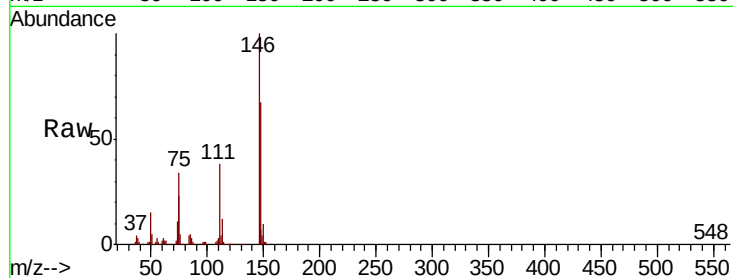
Tot Ion:146 Resp: 191315

Ion Ratio Lower Upper

146 100

148 66.8 51.8 77.8

111 38.4 32.1 48.1



#14

1,2-Dichlorobenzene

Concen: 44.587 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

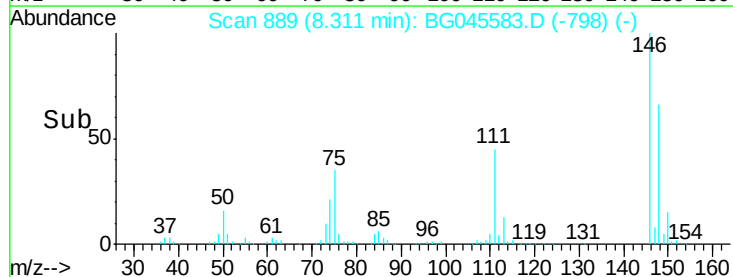
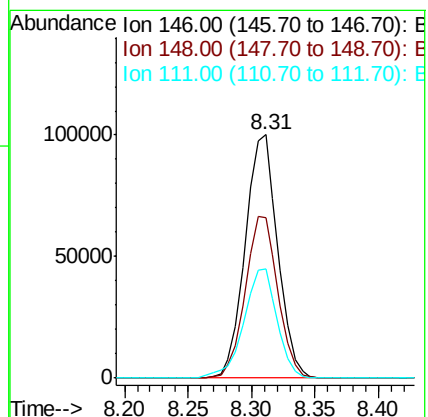
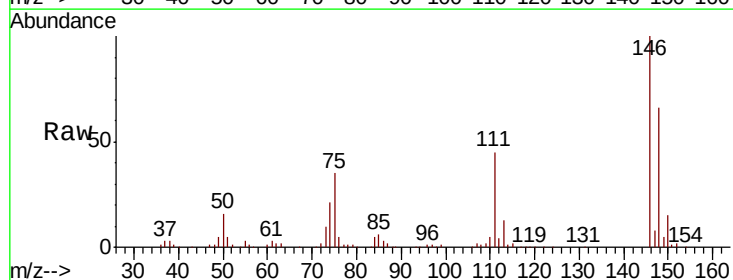
Tgt Ion:146 Resp: 177821

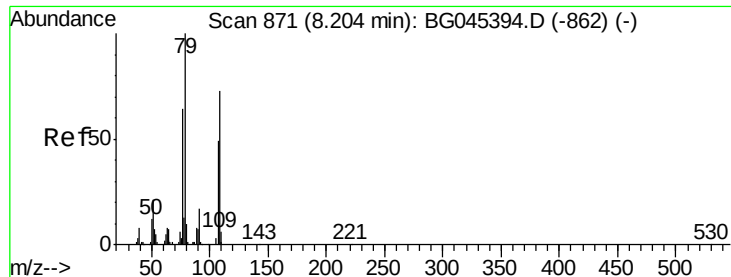
Ion Ratio Lower Upper

146 100

148 66.1 55.9 83.9

111 44.9 35.0 52.4





#15

Benzyl Alcohol

Concen: 48.155 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampled :

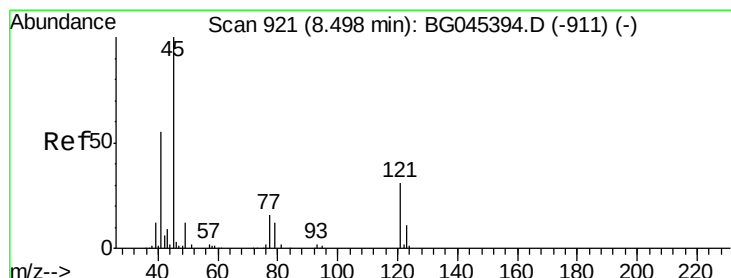
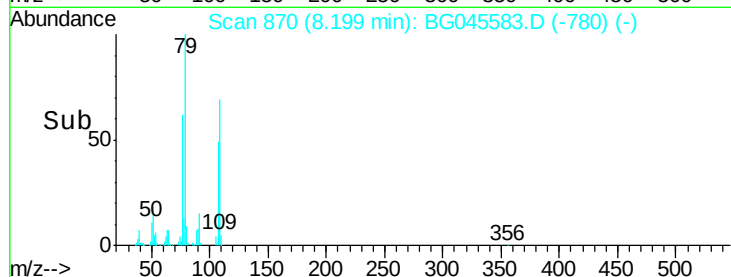
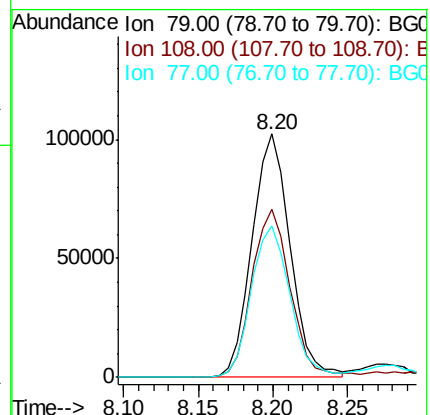
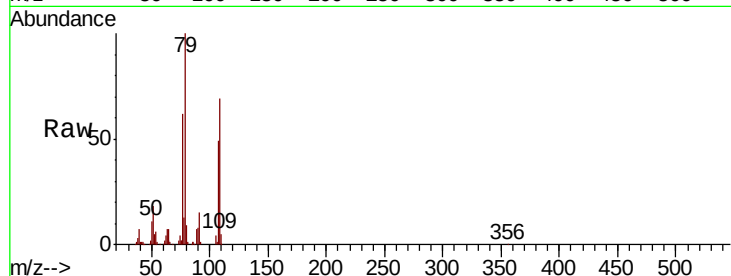
Tot Ion: 79 Resp: 180523

Ion Ratio Lower Upper

79 100

108 69.0 58.2 87.4

77 62.4 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.280 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

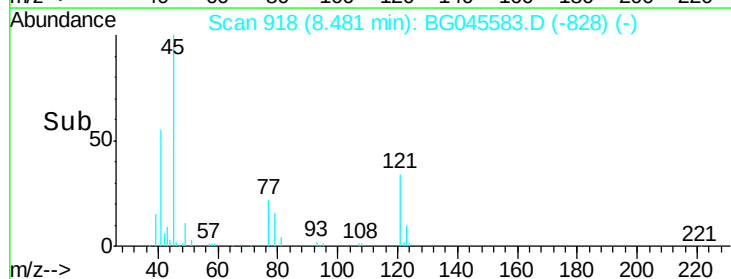
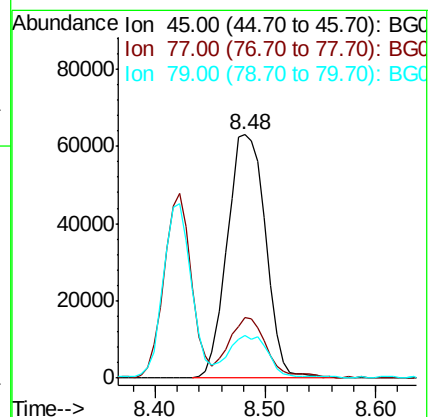
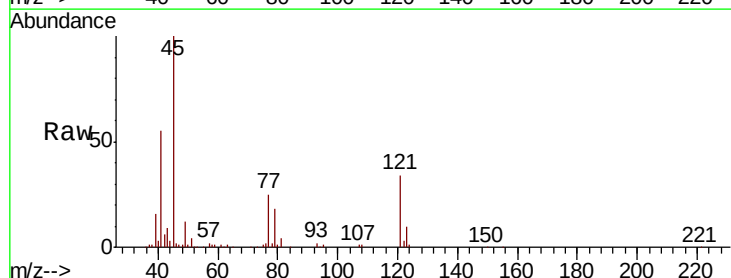
Tgt Ion: 45 Resp: 153334

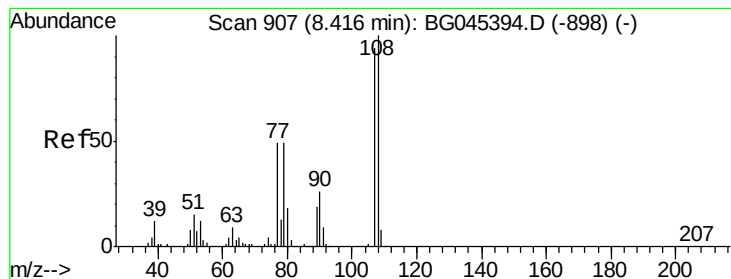
Ion Ratio Lower Upper

45 100

77 24.7 4.0 44.0

79 17.6 0.0 38.6

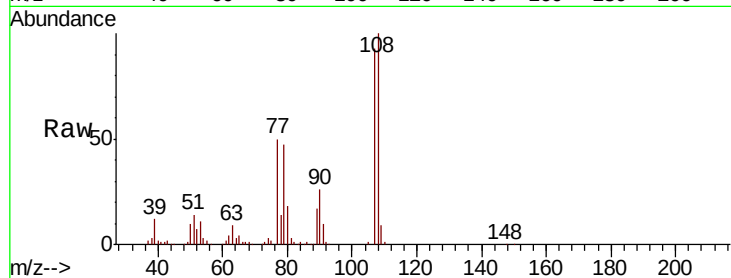




#17
2-Methylphenol
Concen: 44.929 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.6	85.2	127.8
77	54.2	41.6	62.4
79	51.0	41.8	62.8



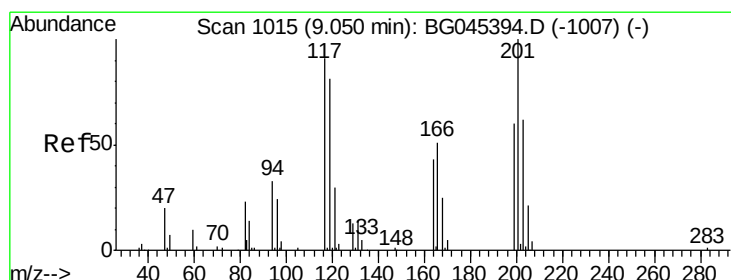
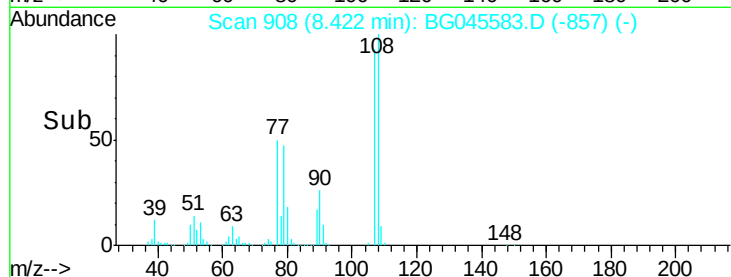
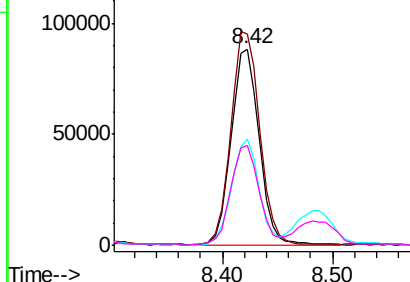
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

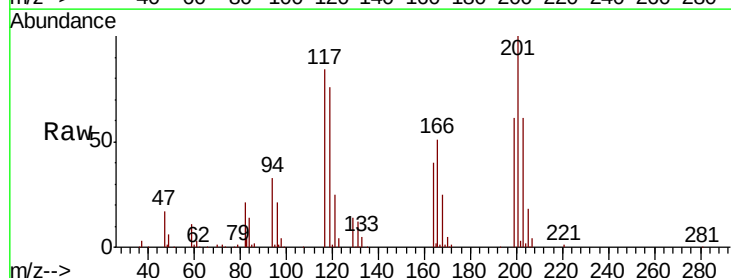
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.103 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	71.3	106.9
201	119.0	87.5	131.3

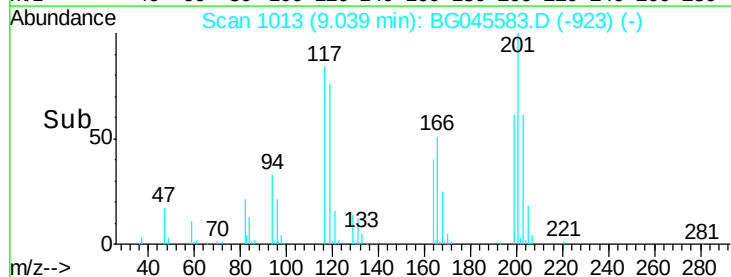
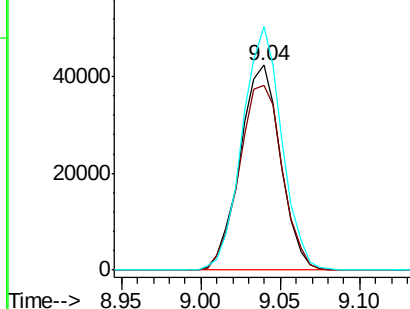


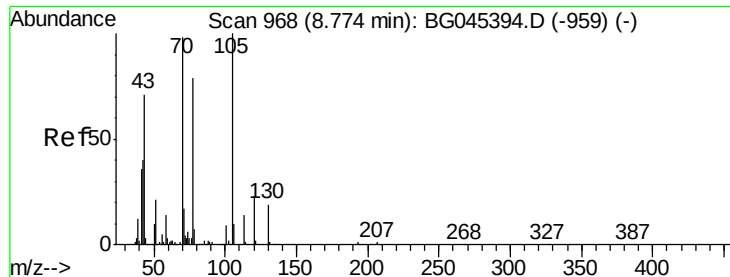
Abundance

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

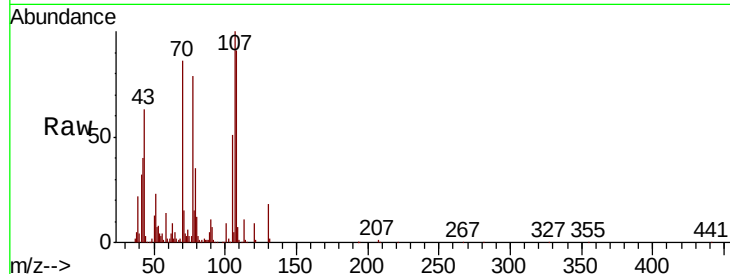




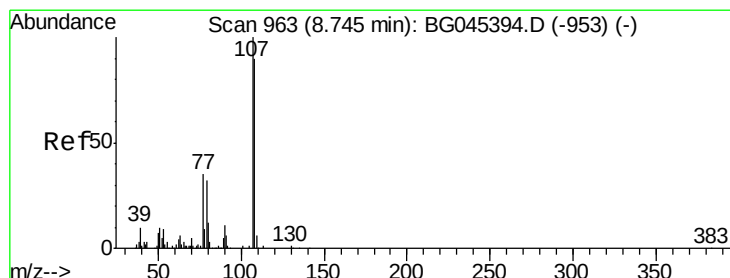
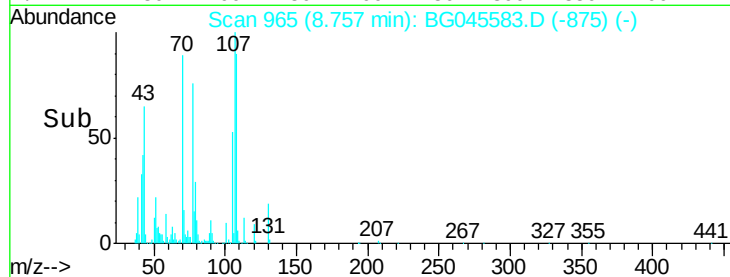
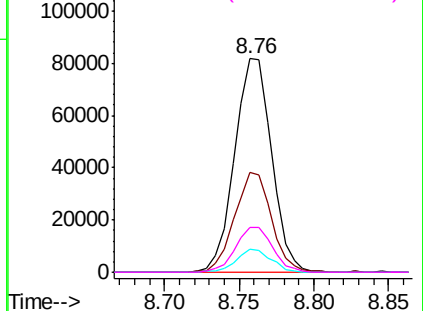
#19
n-Nitroso-di-n-propylamine
Concen: 44.977 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 141141
Ion Ratio Lower Upper
70 100
42 46.5 33.2 49.8
101 10.8 7.8 11.6
130 20.7 15.4 23.2



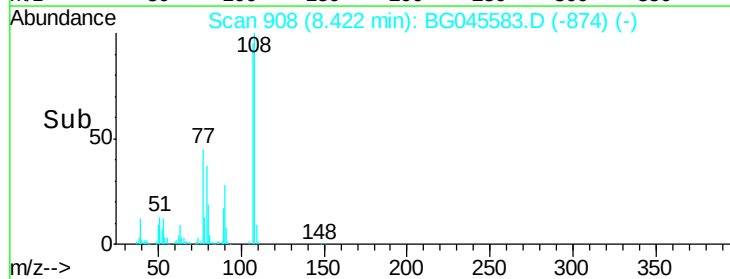
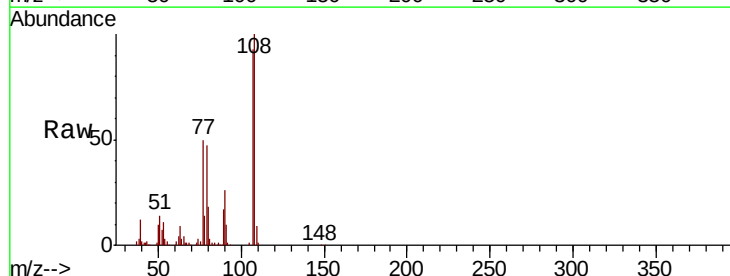
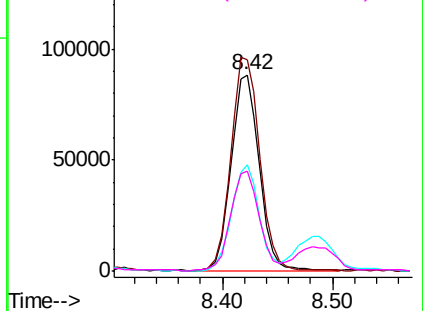
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

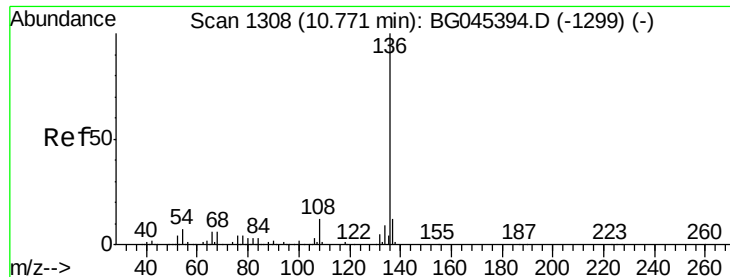


#20
3+4-Methylphenols
Concen: 32.994 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.33 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion: 107 Resp: 157285
Ion Ratio Lower Upper
107 100
108 107.6 70.3 110.3
77 54.2 15.4 55.4
79 51.0 12.6 52.6

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

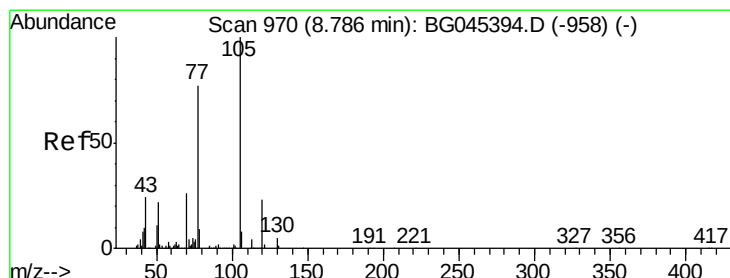
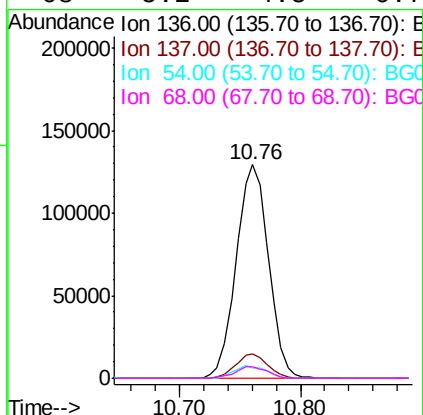
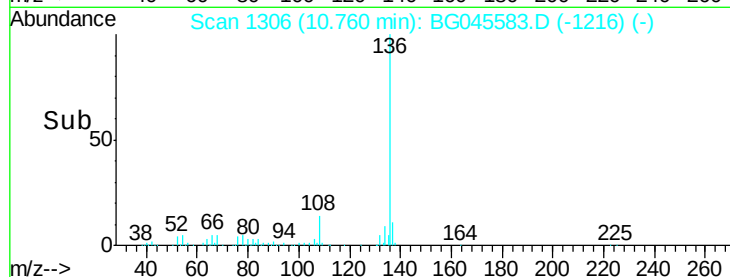
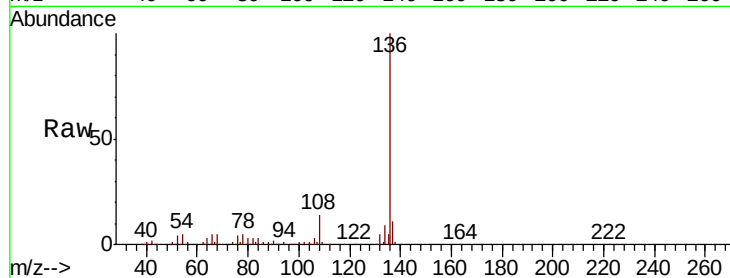




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

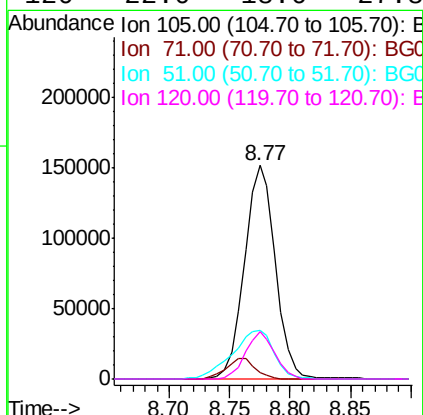
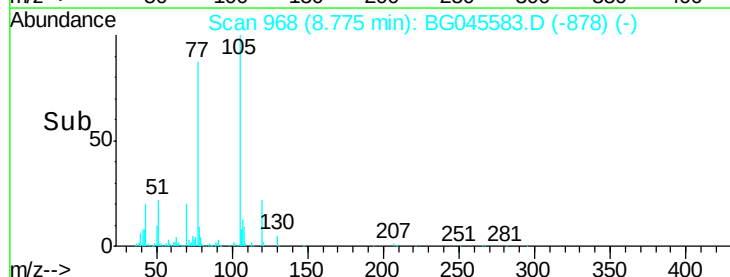
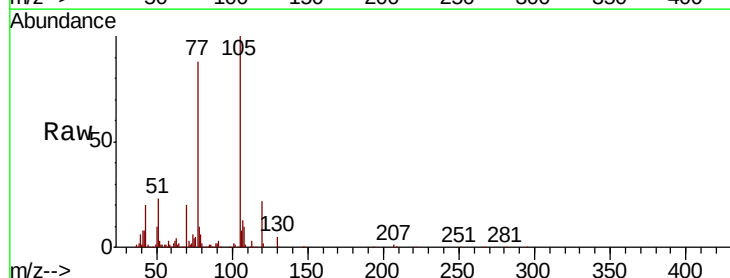
Instrument :
BNA_G
ClientSampleId :

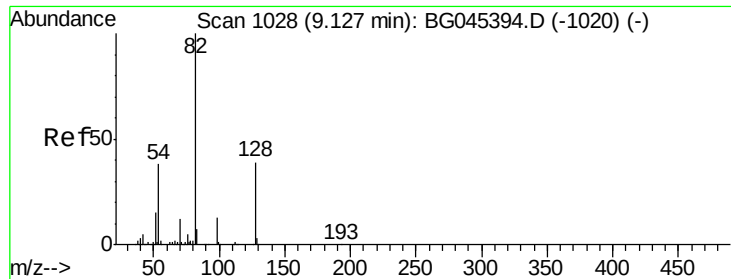
Tot Ion:136	Resp: 240838
Ion Ratio	Lower Upper
136 100	
137 11.2	9.4 14.2
54 4.7	5.8 8.6#
68 5.2	4.5 6.7



#22
Acetophenone
Concen: 47.271 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion:105	Resp: 269831
Ion Ratio	Lower Upper
105 100	
71 3.1	3.4 5.0#
51 22.9	18.2 27.2
120 22.0	18.6 27.8

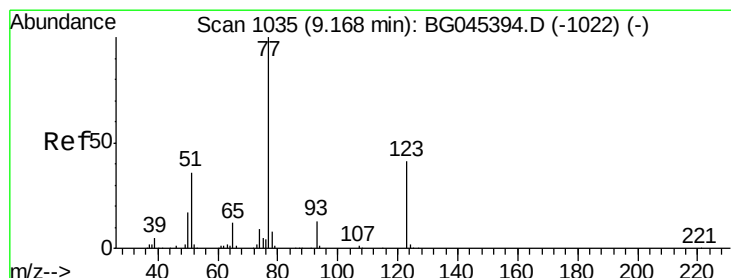
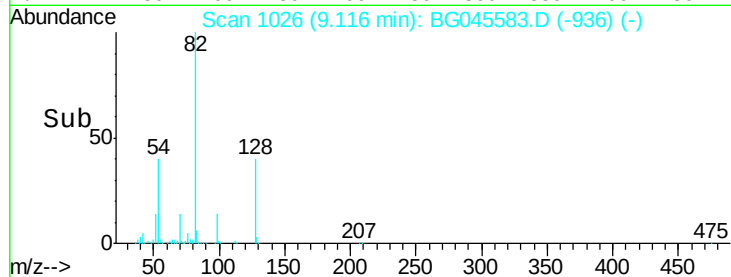
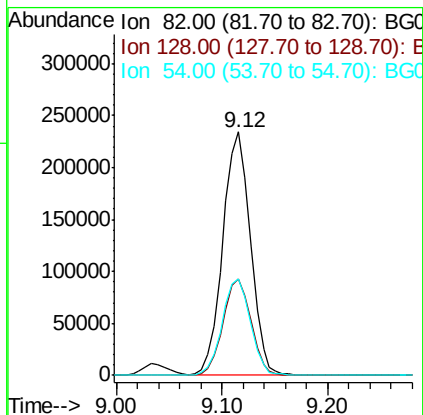
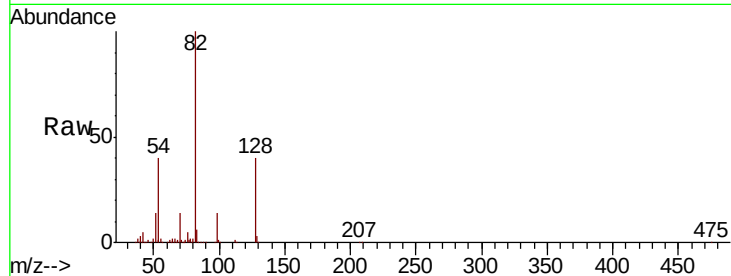




#23
Nitrobenzene-d5
Concen: 96.336 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

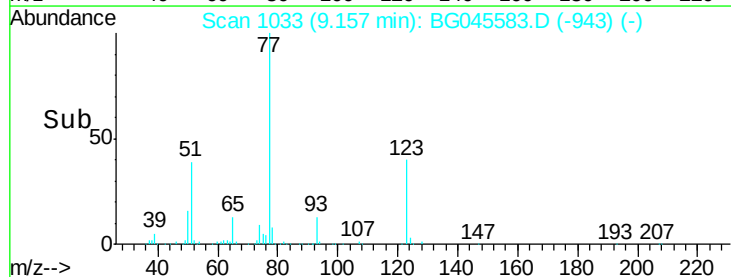
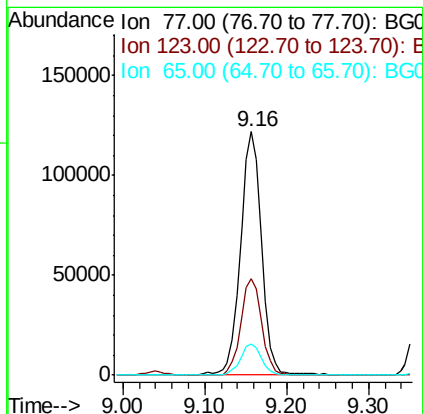
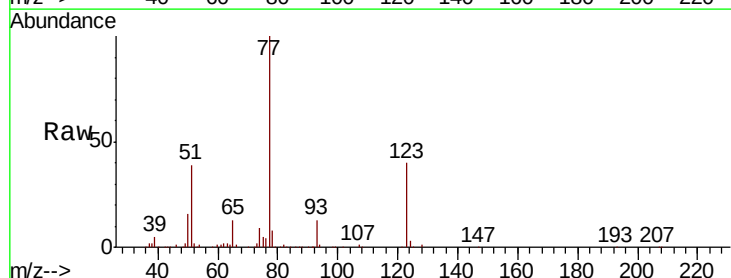
Instrument :
BNA_G
ClientSampleId :

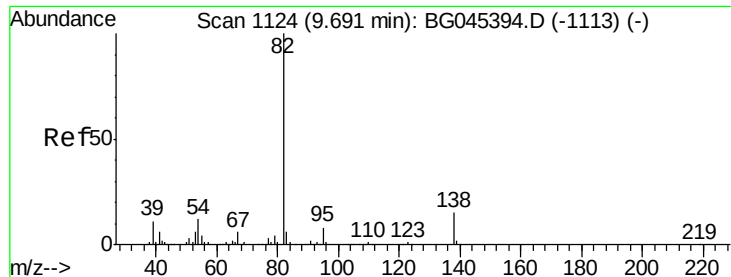
Tot Ion	82	Resp	425468
Ion Ratio	Lower	Upper	
82	100		
128	39.6	30.9	46.3
54	39.5	30.3	45.5



#24
Nitrobenzene
Concen: 46.015 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	77	Resp	217735
Ion Ratio	Lower	Upper	
77	100		
123	39.7	32.9	49.3
65	12.9	9.4	14.2





#25

Isophorone

Concen: 46.492 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

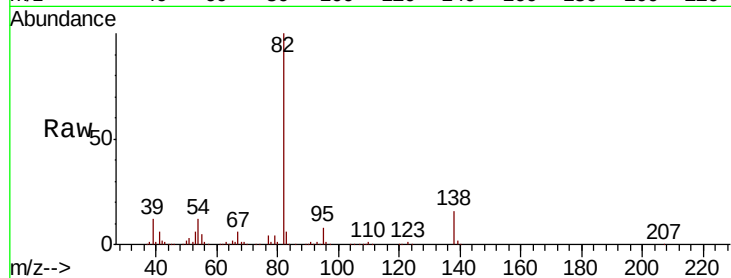
Tot Ion: 82 Resp: 404379

Ion Ratio Lower Upper

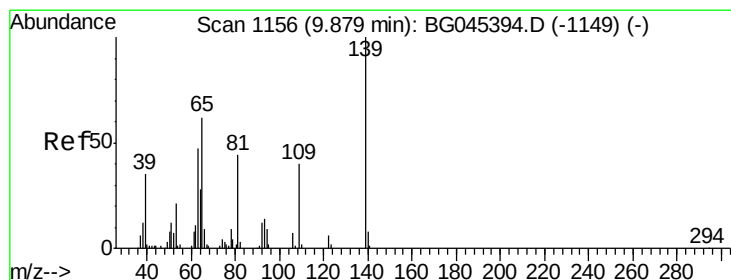
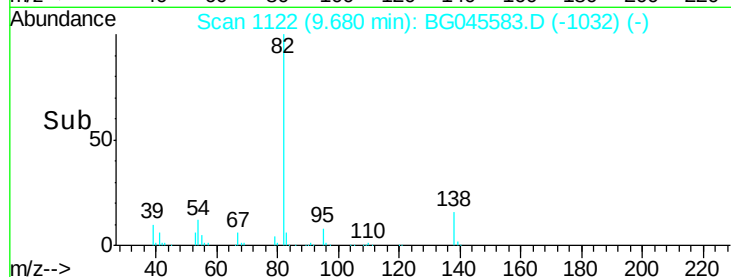
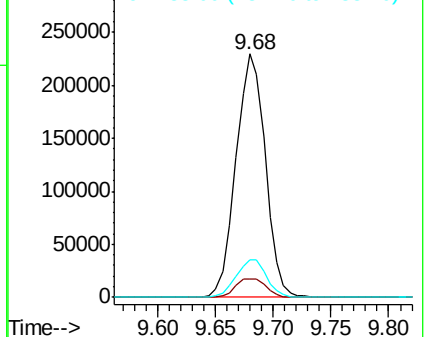
82 100

95 7.7 6.7 10.1

138 15.7 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 49.102 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

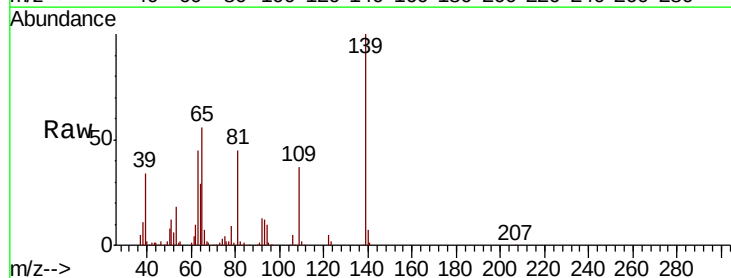
Tgt Ion: 139 Resp: 99392

Ion Ratio Lower Upper

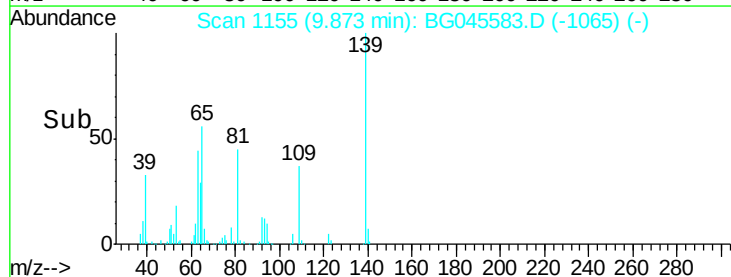
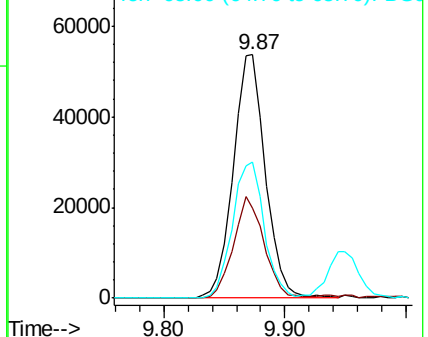
139 100

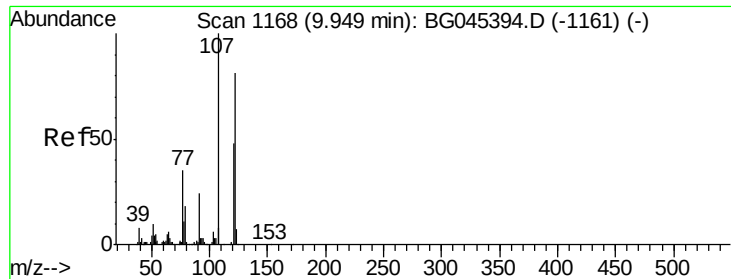
109 37.2 32.2 48.4

65 55.9 49.6 74.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

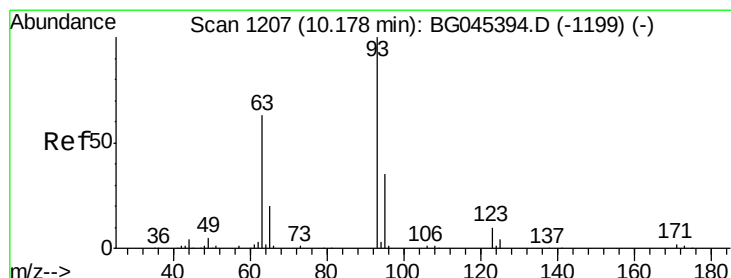
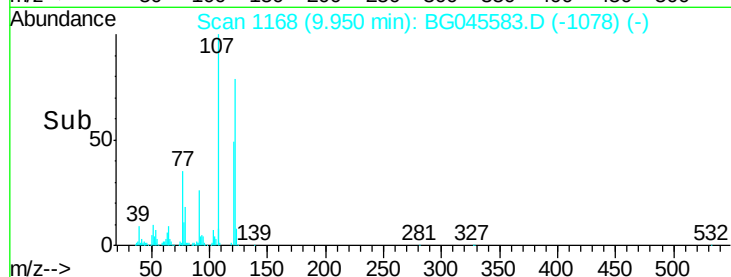
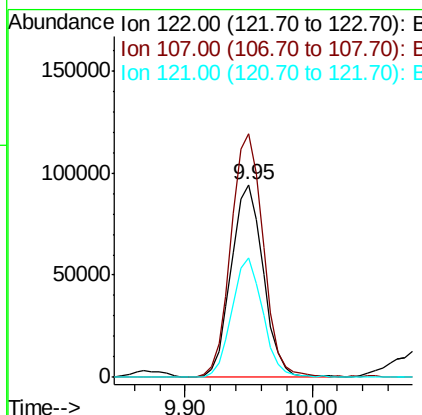
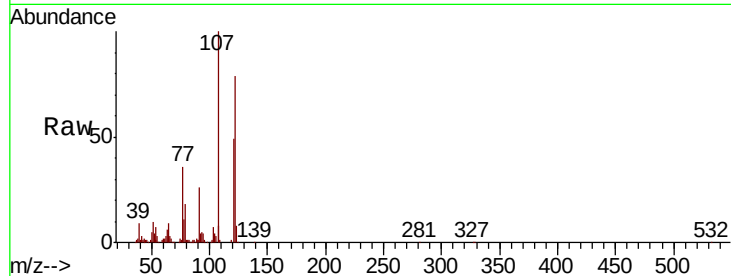




#27
 2,4-Dimethylphenol
 Concen: 54.721 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

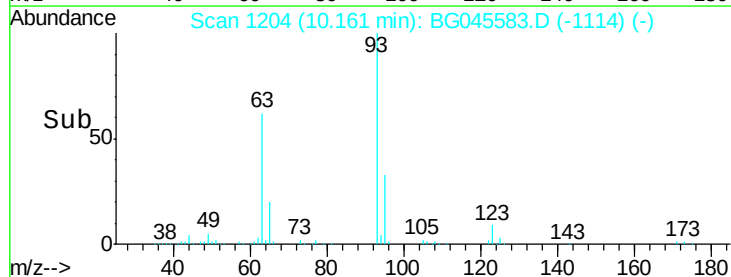
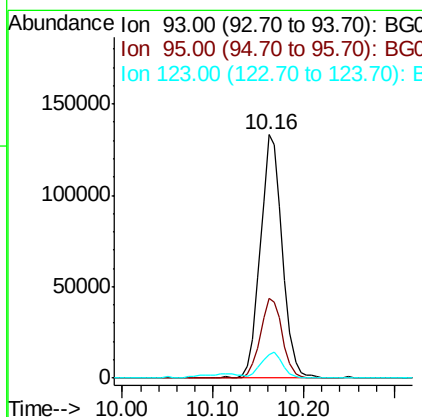
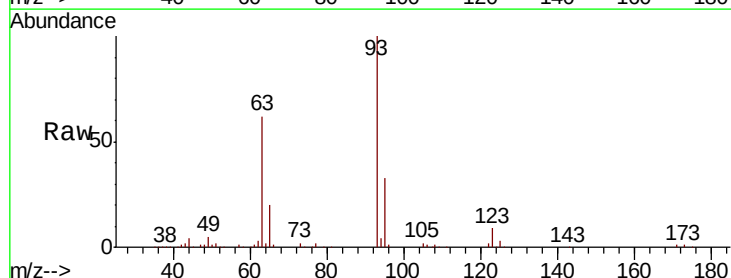
Instrument :
 BNA_G
 ClientSampleId :

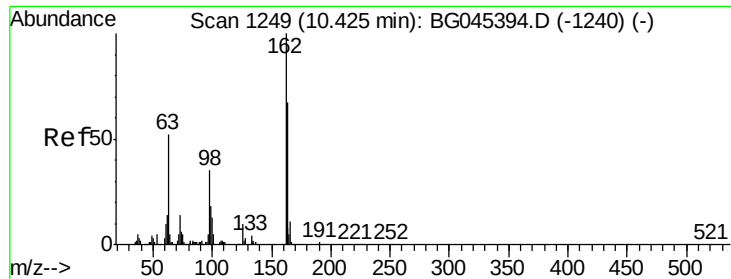
Tot Ion:122 Resp: 164284
 Ion Ratio Lower Upper
 122 100
 107 126.3 99.0 148.4
 121 61.9 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.906 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion: 93 Resp: 223080
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.6 41.4
 123 9.4 8.1 12.1

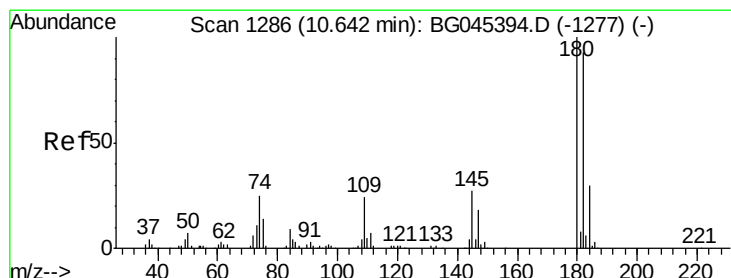
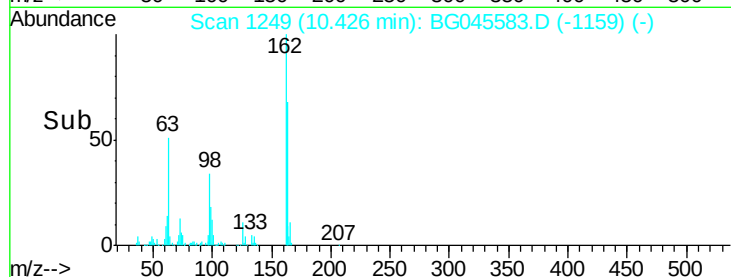
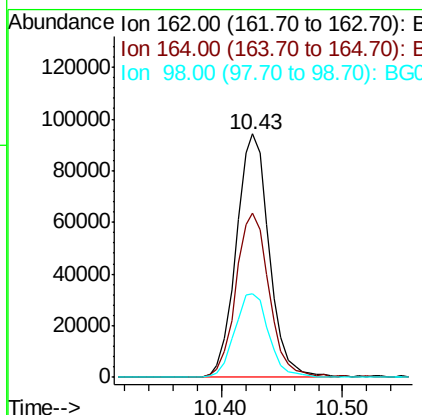
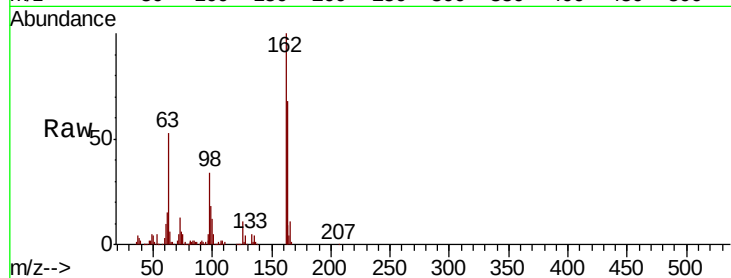




#29
 2,4-Dichlorophenol
 Concen: 50.411 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

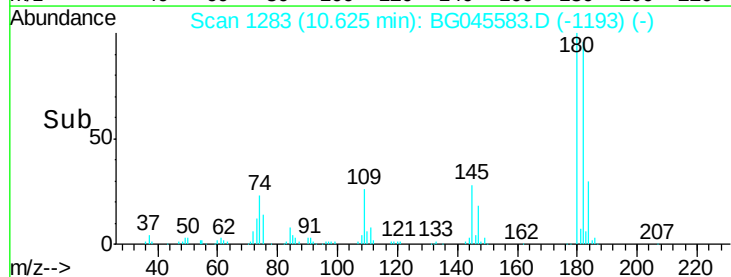
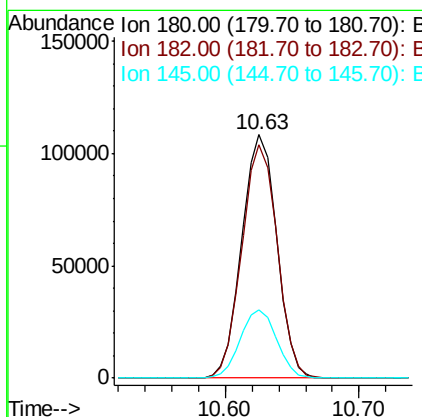
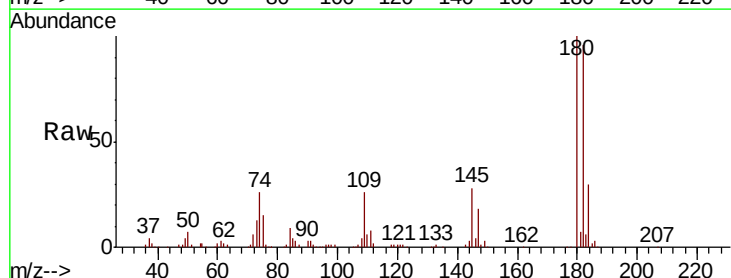
Instrument :
 BNA_G
 ClientSampleId :

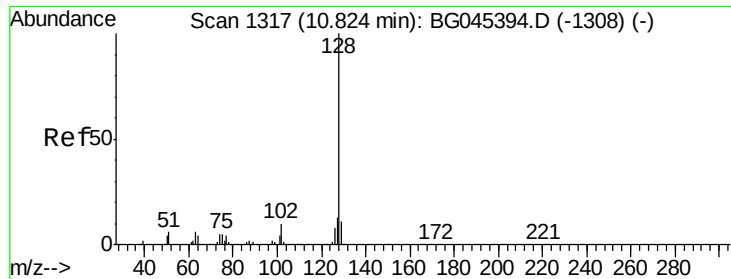
Tot Ion	162	Resp	178717
Ion Ratio	Lower	Upper	
162	100		
164	67.6	46.8	86.8
98	34.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 46.897 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	180	Resp	196459
Ion Ratio	Lower	Upper	
180	100		
182	95.8	74.8	112.2
145	27.9	21.9	32.9

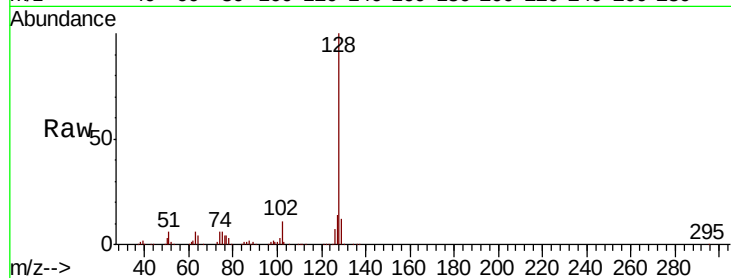




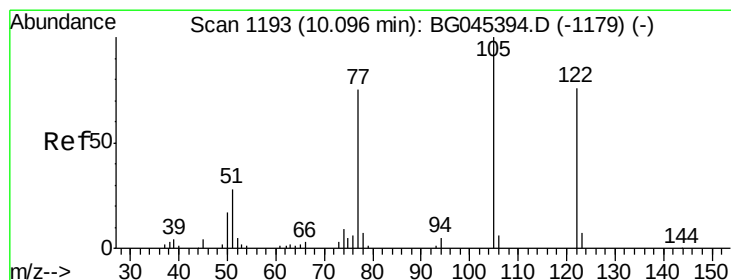
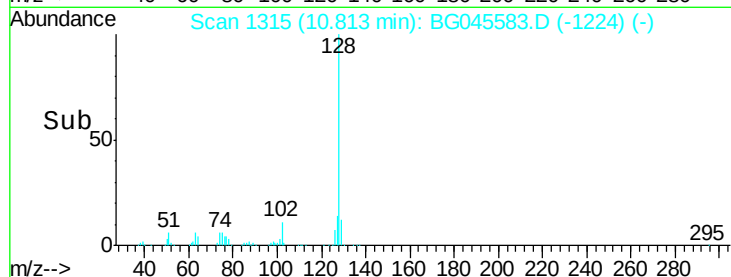
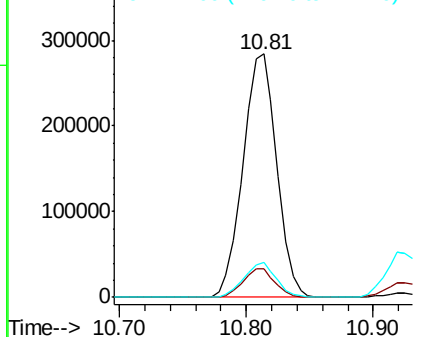
#31
Naphthalene
Concen: 46.749 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 524661
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.1 10.7 16.1

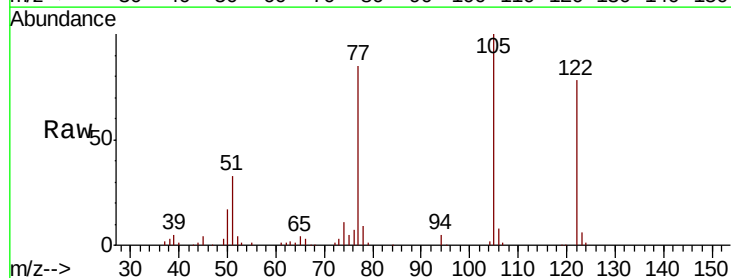


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

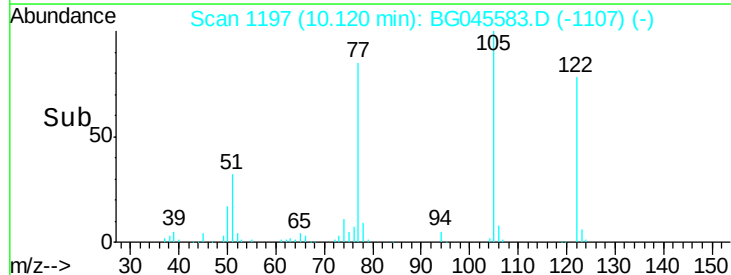
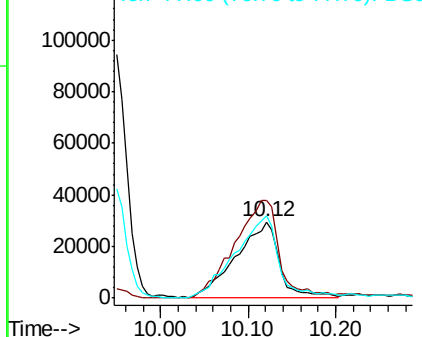


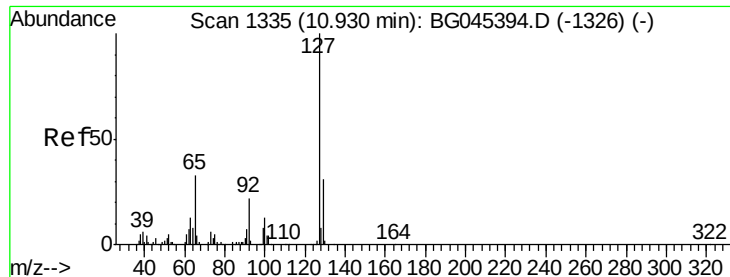
#32
Benzoic acid
Concen: 47.434 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion:122 Resp: 96549
Ion Ratio Lower Upper
122 100
105 127.6 107.9 147.9
77 107.9 78.9 118.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

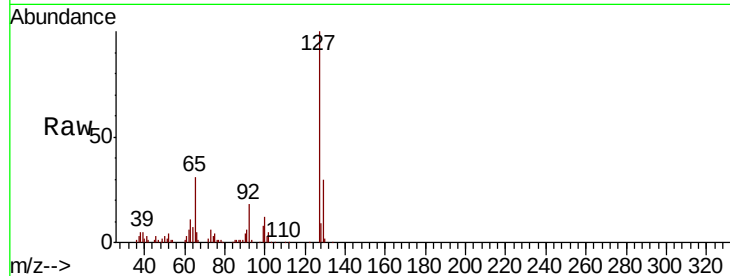




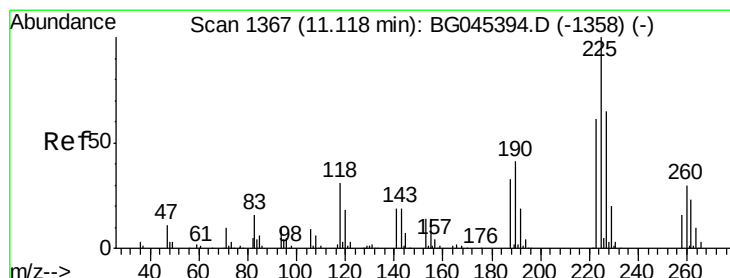
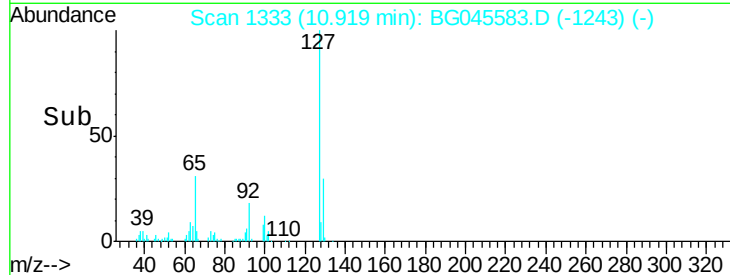
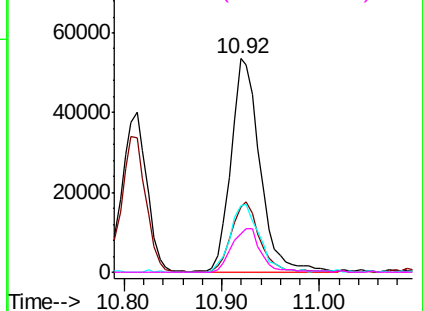
#33
4-Chloroaniline
Concen: 23.611 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	110762
Ion Ratio	Lower	Upper
127	100	
129	30.3	24.7 37.1
65	31.0	26.2 39.2
92	18.0	17.9 26.9

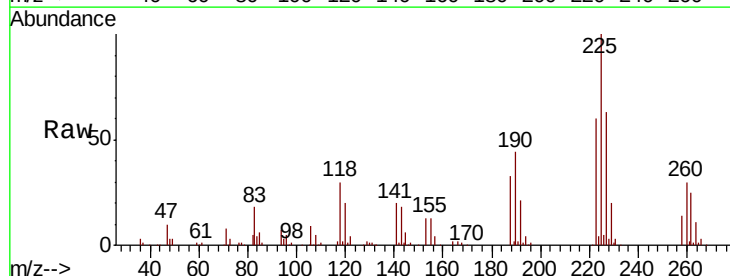


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

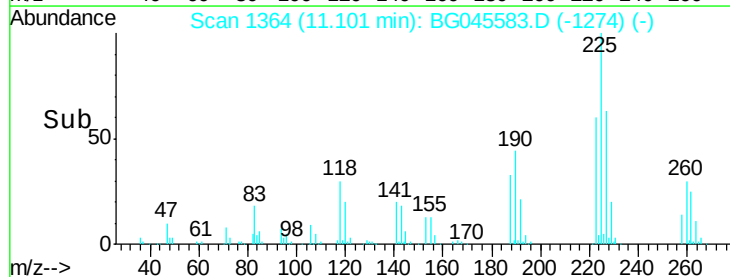
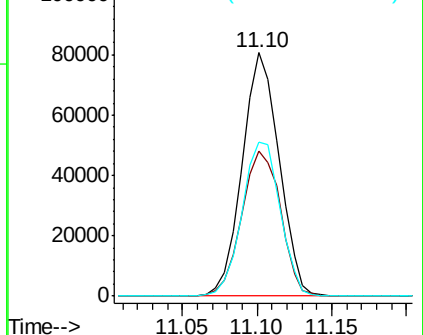


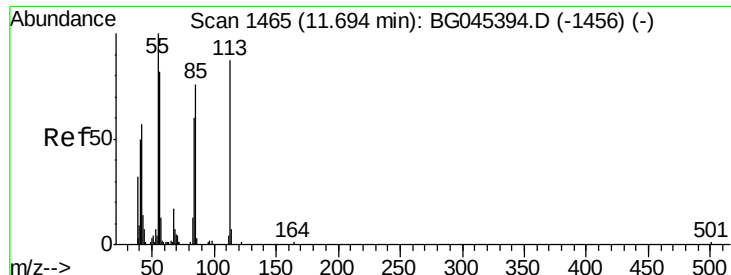
#34
Hexachlorobutadiene
Concen: 46.555 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion:225	Resp:	137858
Ion Ratio	Lower	Upper
225	100	
223	59.7	49.1 73.7
227	63.2	52.0 78.0



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

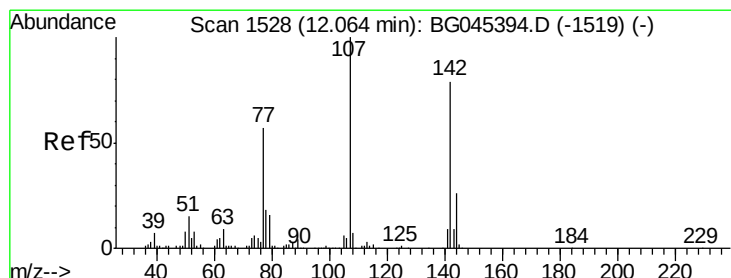
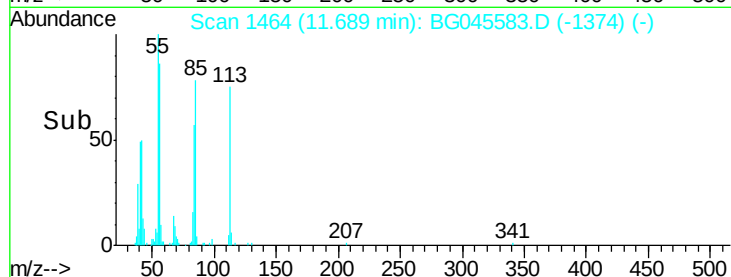
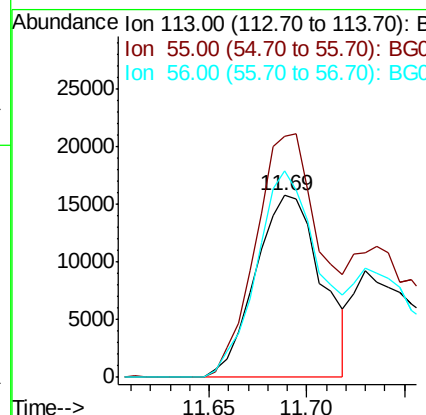
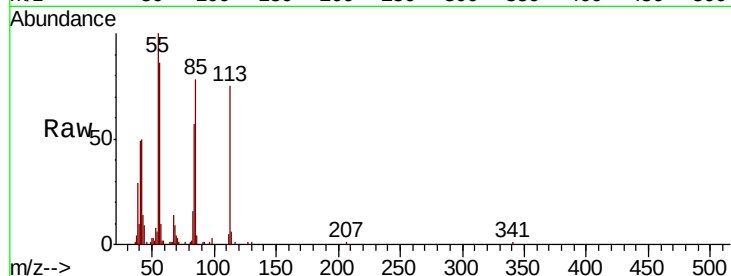




#35
 Caprolactam
 Concen: 28.395 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

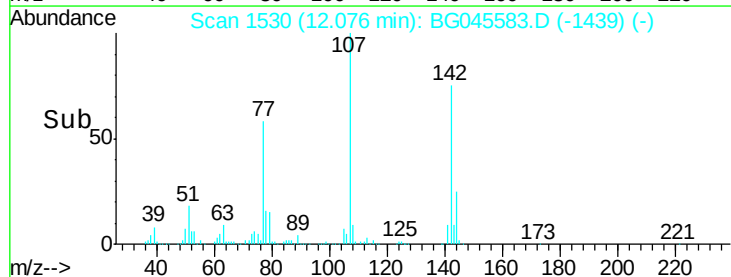
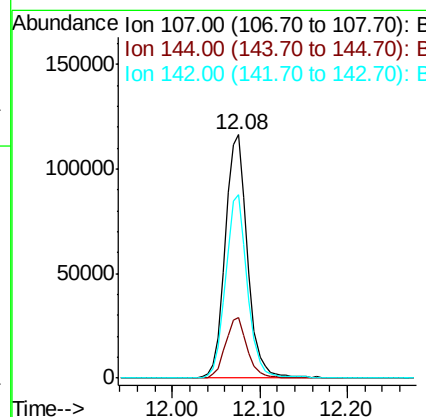
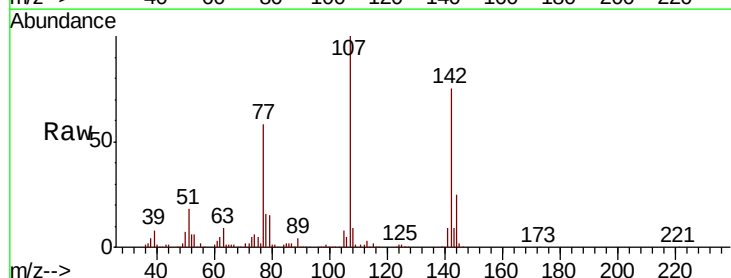
Instrument :
 BNA_G
 ClientSampleId :

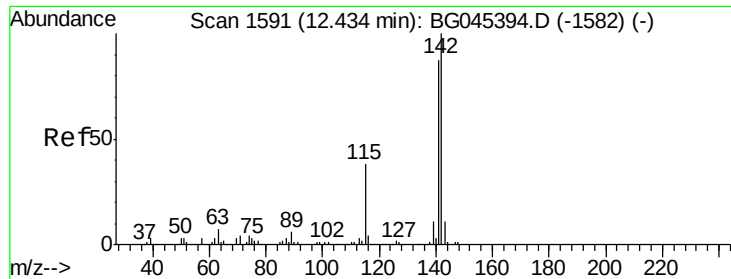
Tot Ion:113 Resp: 36950
 Ion Ratio Lower Upper
 113 100
 55 132.7 96.0 136.0
 56 113.6 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 51.475 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:107 Resp: 205638
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.8 31.2
 142 75.4 62.8 94.2

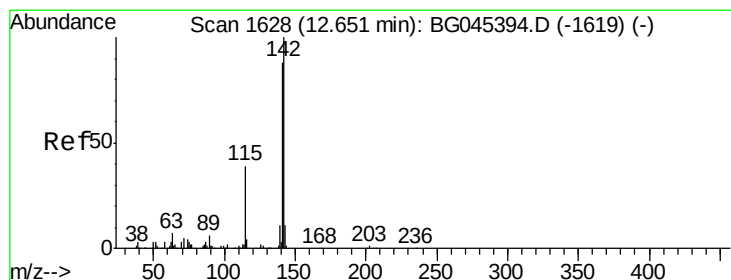
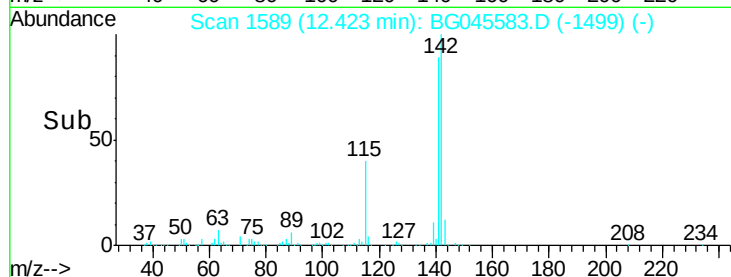
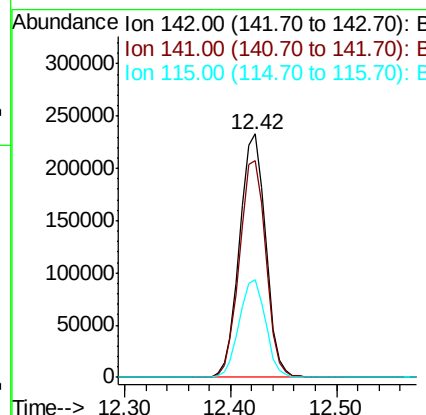
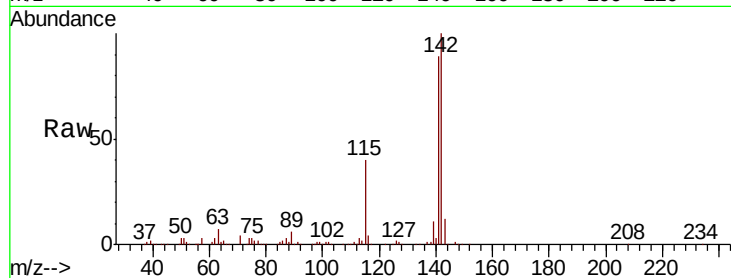




#37
2-Methylnaphthalene
Concen: 47.650 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

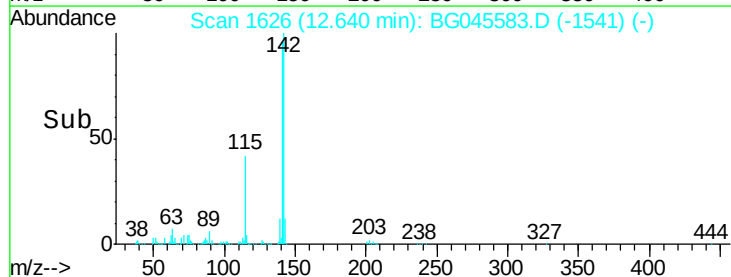
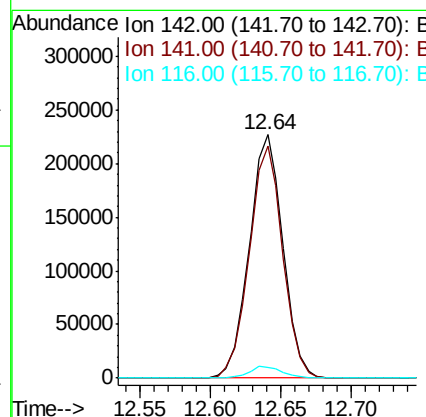
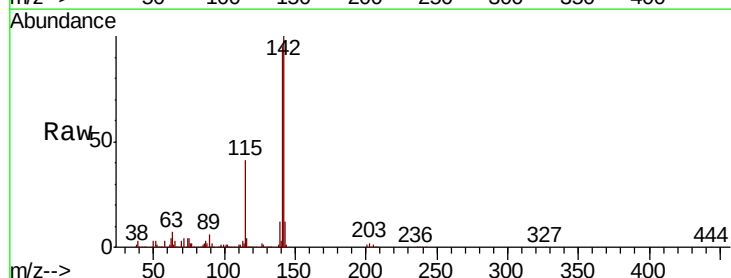
Instrument :
BNA_G
ClientSampleId :

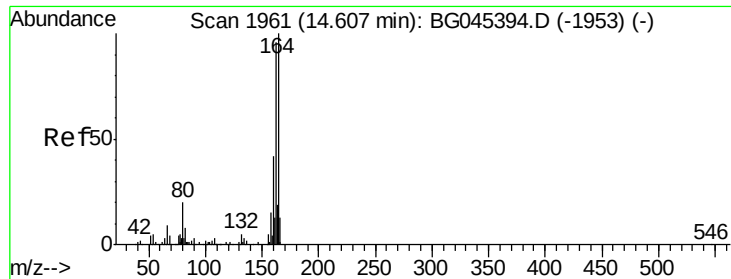
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.0	105.0
115	40.1	30.8	46.2



#38
1-Methylnaphthalene
Concen: 47.731 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	70.8	106.2
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

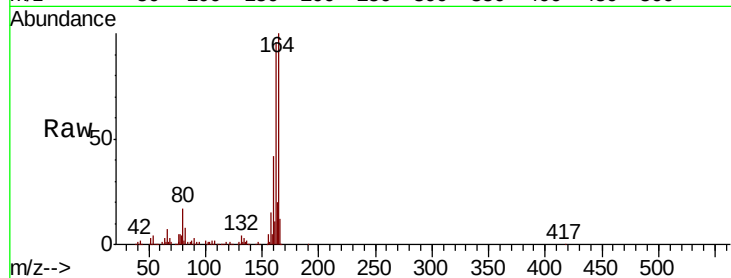
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 170683

Ion	Ratio	Lower	Upper
164	100		
162	95.8	76.9	115.3
160	42.3	33.8	50.8



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

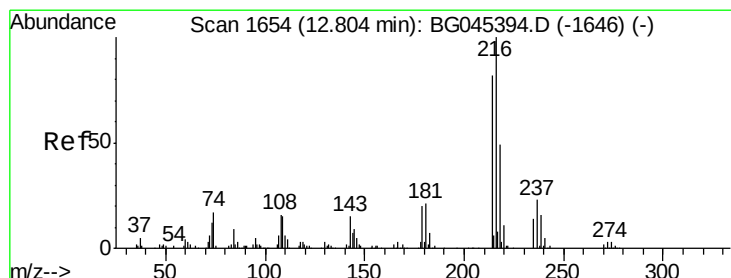
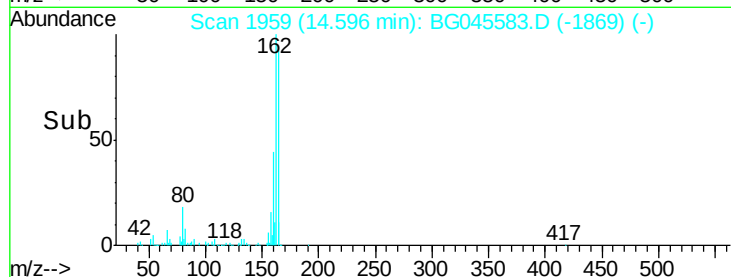
14.60

100000

50000

0

Time--> 14.50 14.60 14.70



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.873 ng

RT: 12.79 min Scan# 1652

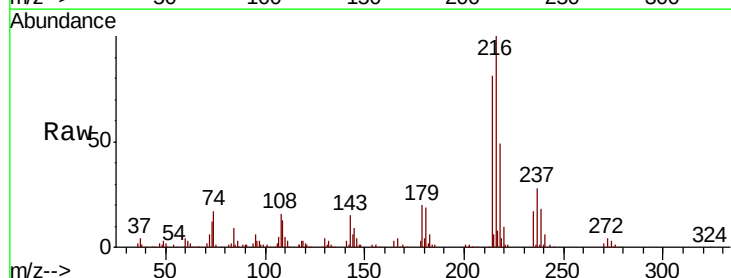
Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Tgt Ion:216 Resp: 228232

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	20.1	16.1	24.1
108	19.4	13.8	20.6



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

12.79

200000

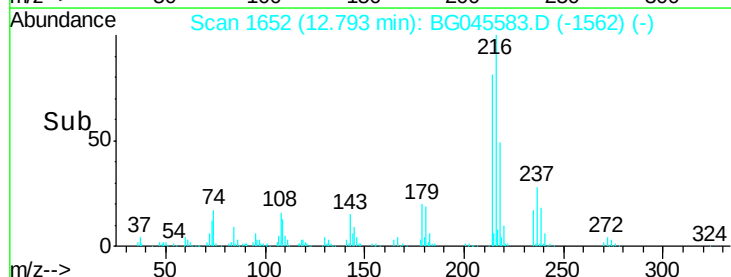
150000

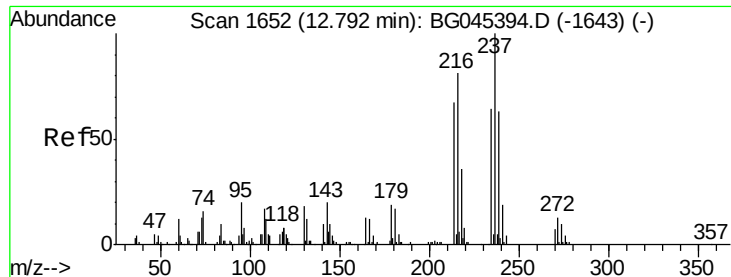
100000

50000

0

Time--> 12.70 12.80

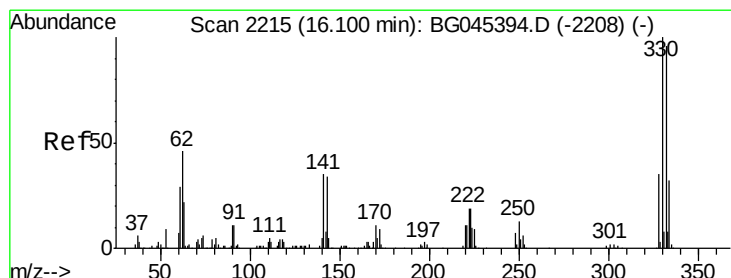
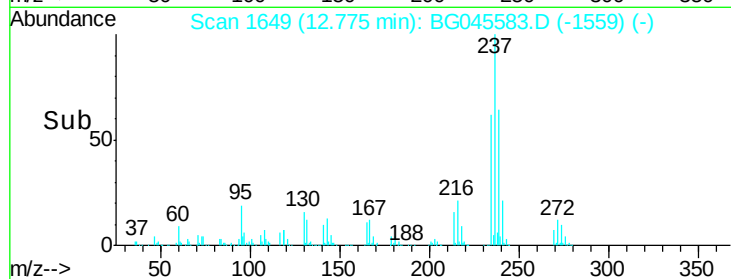
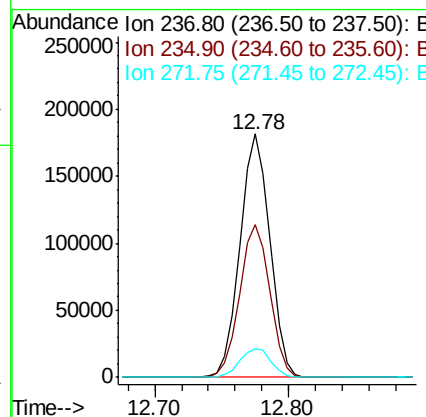
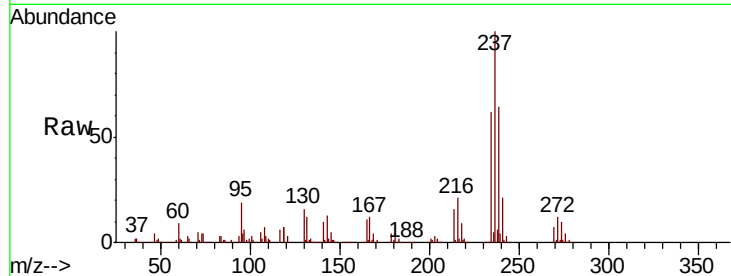




#41
Hexachlorocyclopentadiene
Concen: 102.157 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

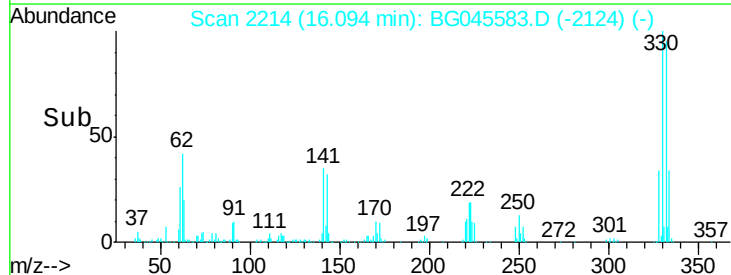
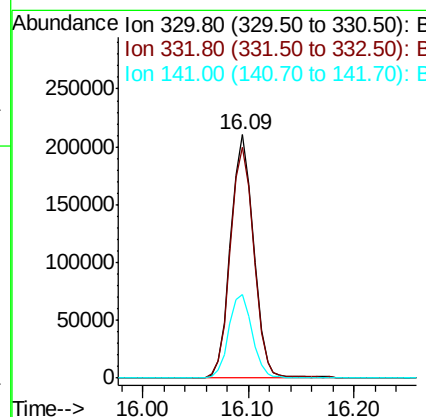
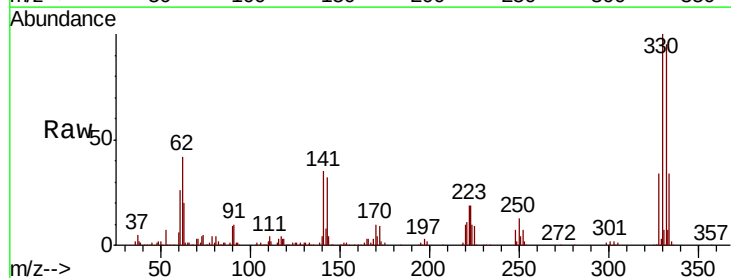
Instrument :
BNA_G
ClientSampleId :

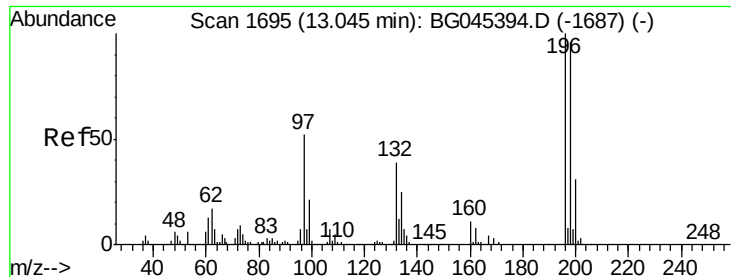
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.4	84.4
272	11.8	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 146.140 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	35.2	28.2	42.4

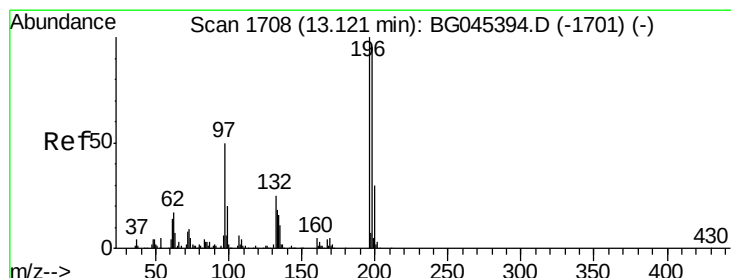
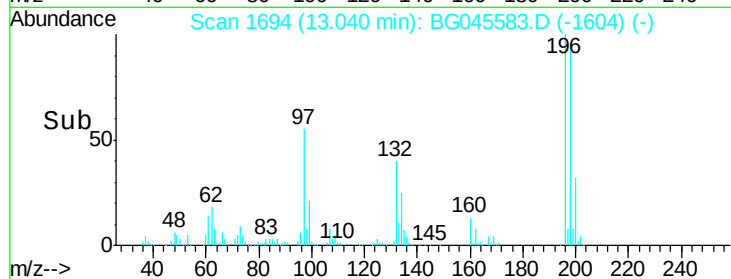
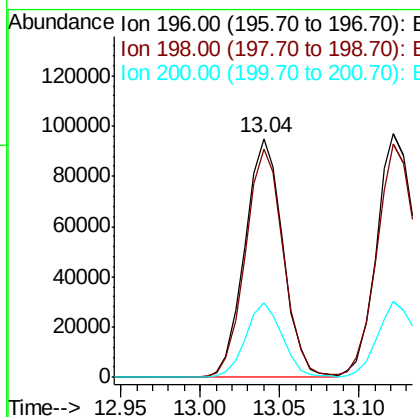
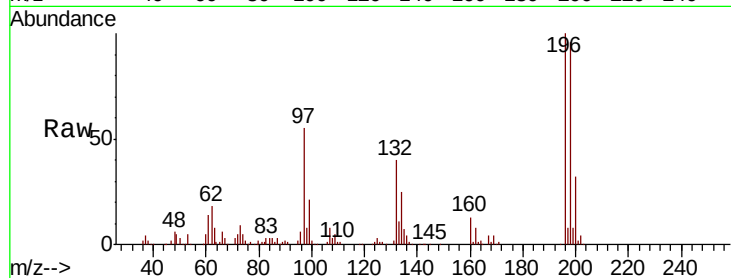




#43
 2,4,6-Trichlorophenol
 Concen: 47.782 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

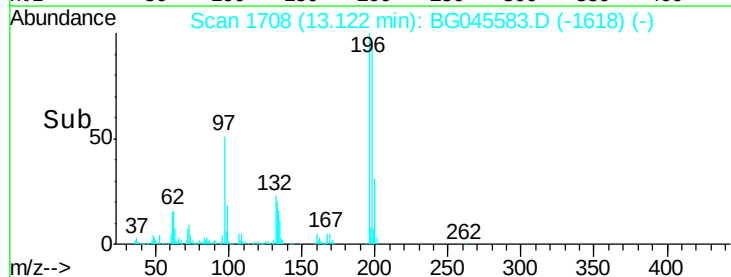
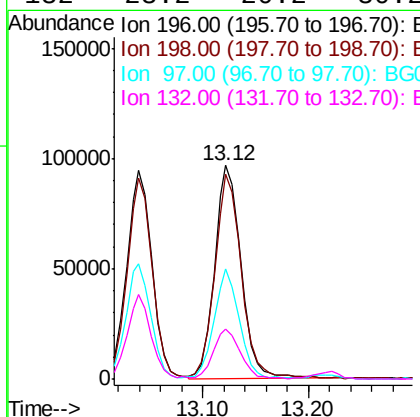
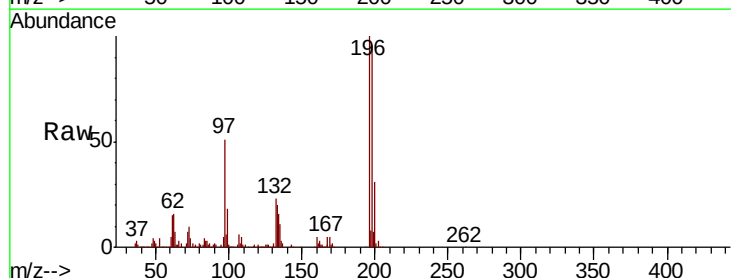
Instrument :
 BNA_G
 ClientSampleId :

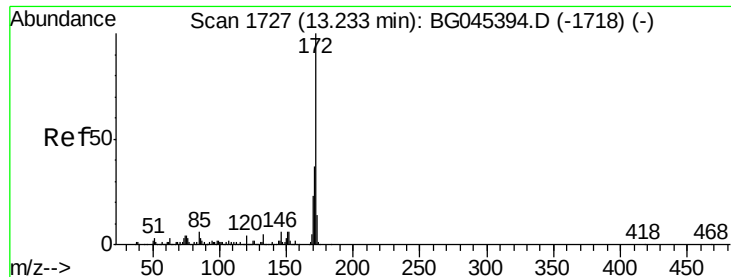
Tot Ion:196 Resp: 158241
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.7 115.1
 200 31.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.533 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:196 Resp: 168535
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.1 114.1
 97 51.4 40.0 60.0
 132 23.2 20.2 30.2

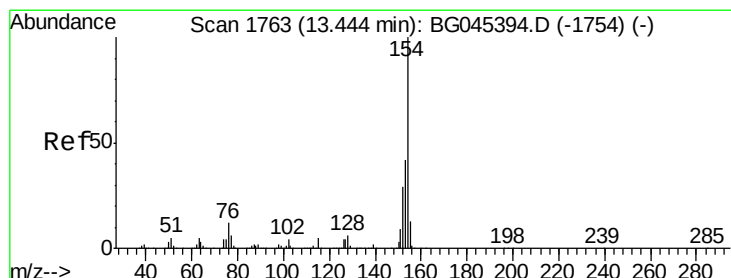
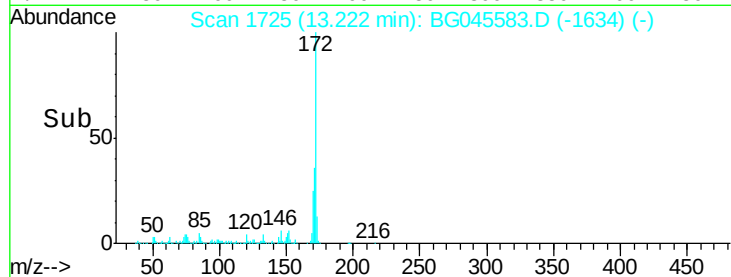
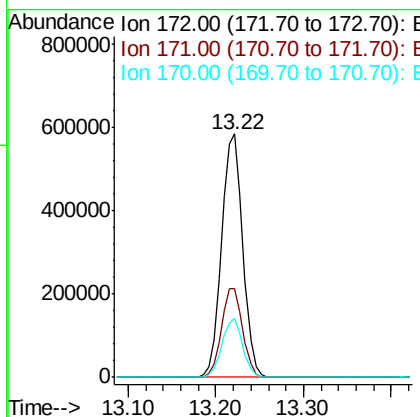
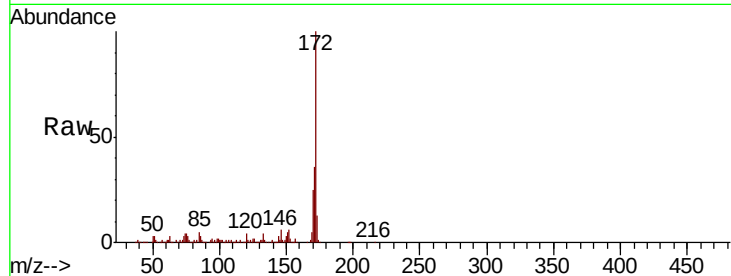




#45
2-Fluorobiphenyl
Concen: 95.817 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

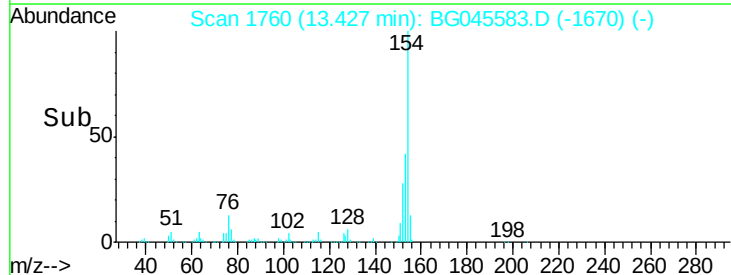
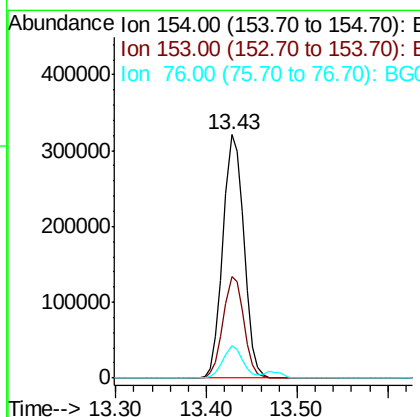
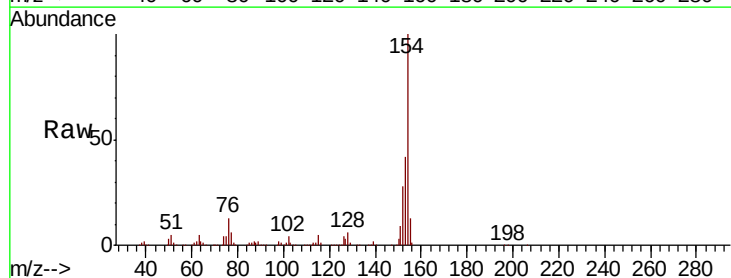
Instrument :
BNA_G
ClientSampleId :

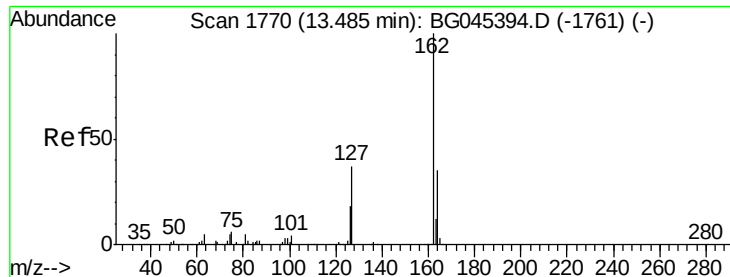
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	24.5	18.5	27.7



#46
1,1'-Biphenyl
Concen: 49.262 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.2	62.2
76	13.3	0.0	32.4

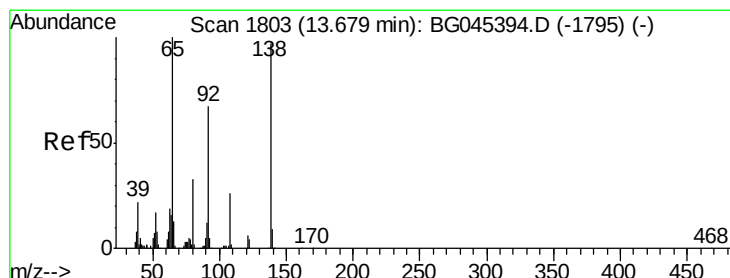
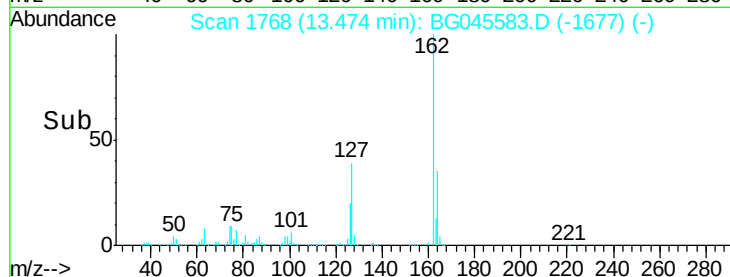
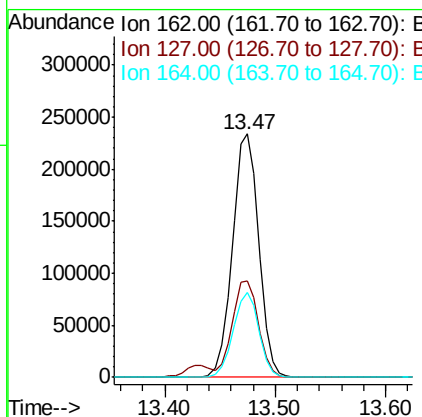
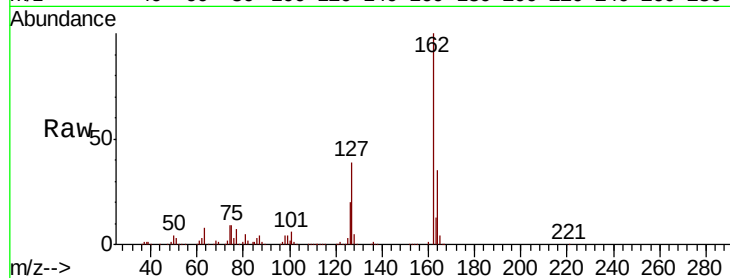




#47
 2-Chloronaphthalene
 Concen: 45.814 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

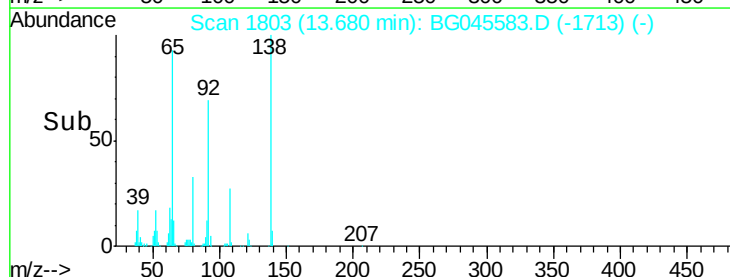
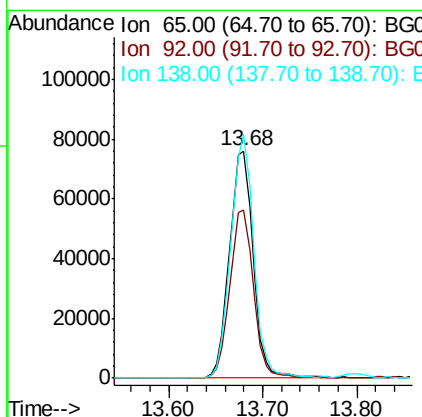
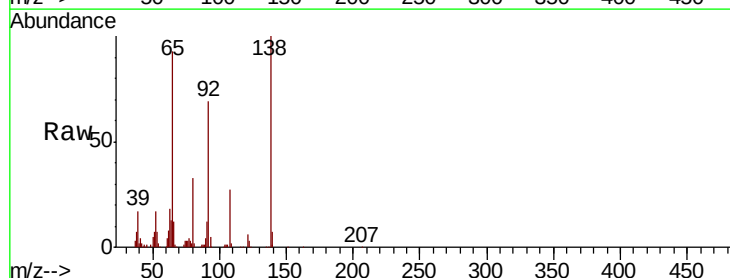
Instrument :
 BNA_G
 ClientSampleId :

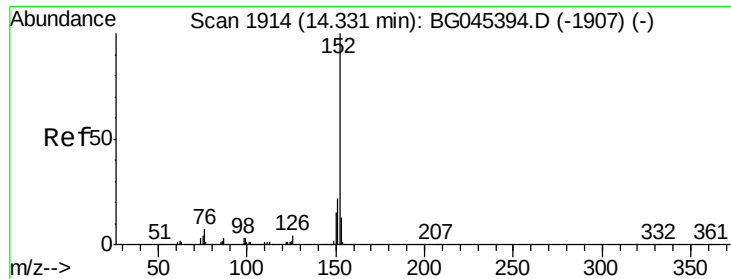
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.6	47.4
164	34.7	28.1	42.1



#48
 2-Nitroaniline
 Concen: 47.829 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	53.8	80.8
138	107.2	77.9	116.9





#49

Acenaphthylene

Concen: 48.057 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampled :

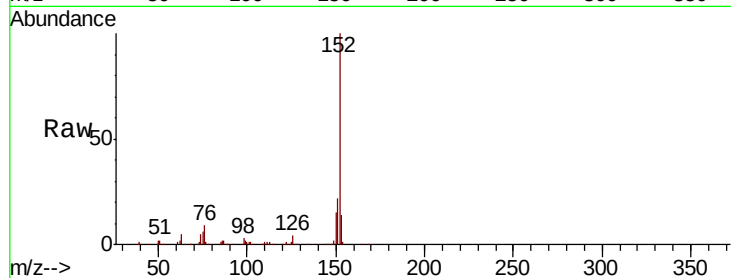
Tot Ion:152 Resp: 657390

Ion Ratio Lower Upper

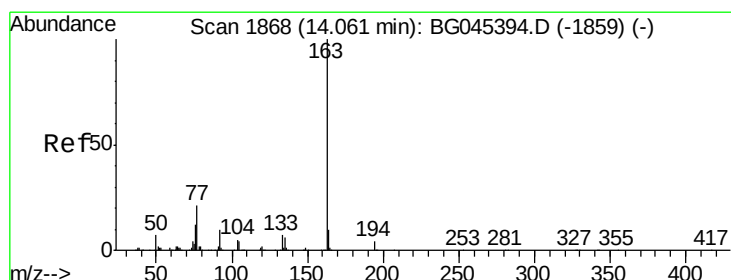
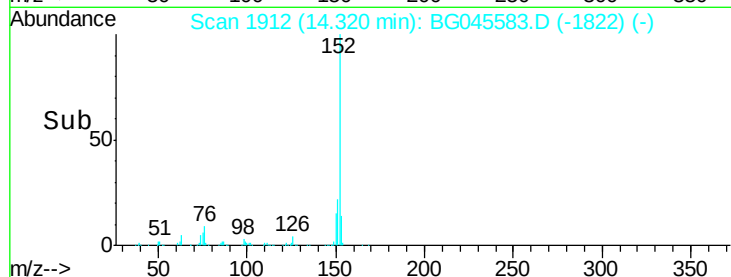
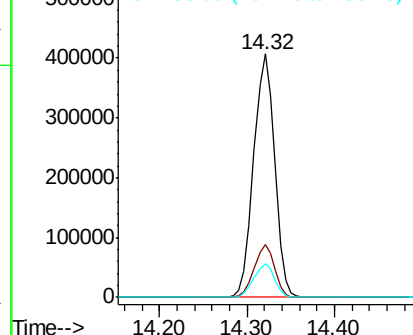
152 100

151 21.7 17.4 26.2

153 13.7 10.7 16.1



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: 46.599 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

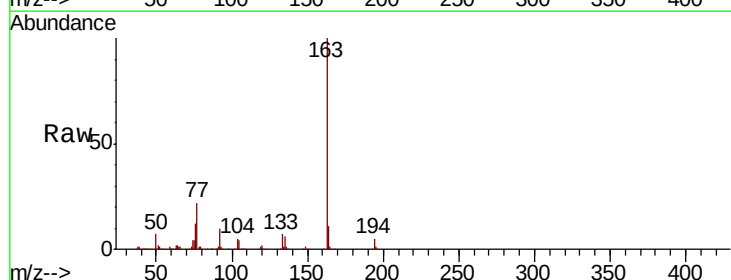
Tgt Ion:163 Resp: 545610

Ion Ratio Lower Upper

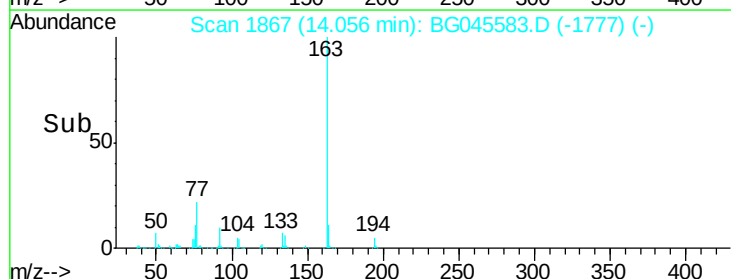
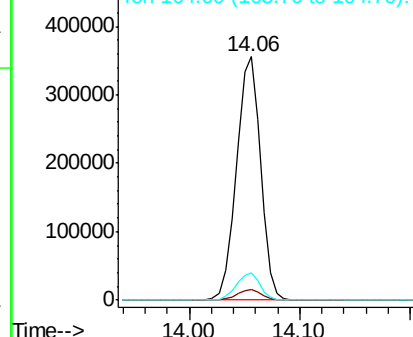
163 100

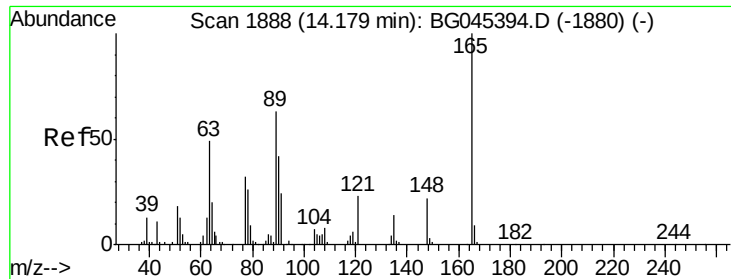
194 4.5 3.2 4.8

164 11.0 8.3 12.5



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

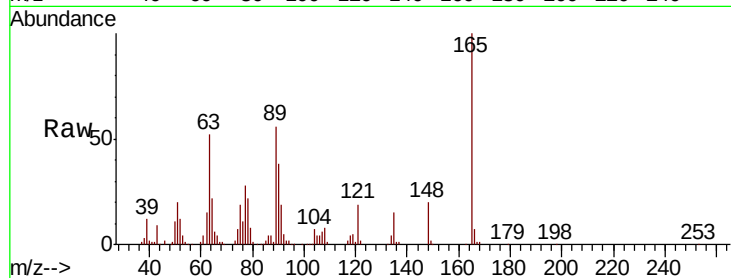




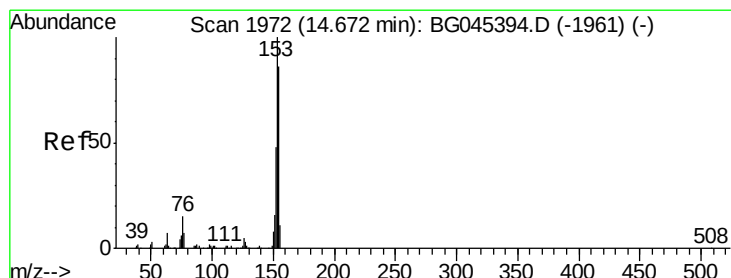
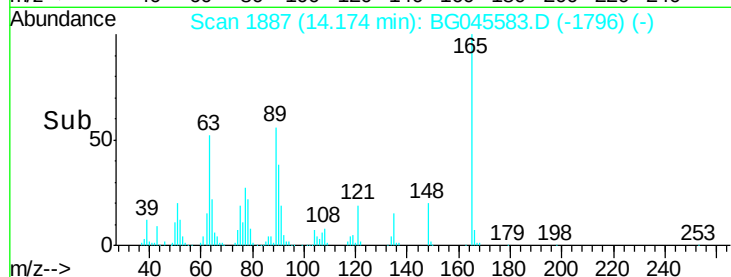
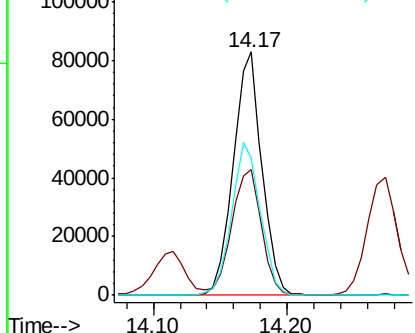
#51
 2,6-Dinitrotoluene
 Concen: 46.691 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 123362
 Ion Ratio Lower Upper
 165 100
 63 51.7 45.0 67.4
 89 56.2 50.2 75.4

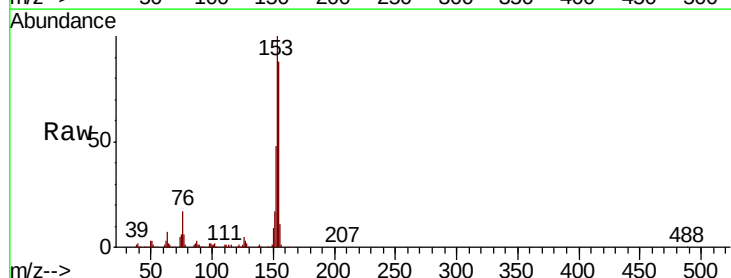


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

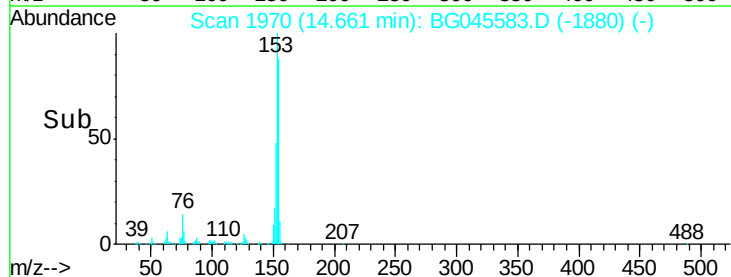
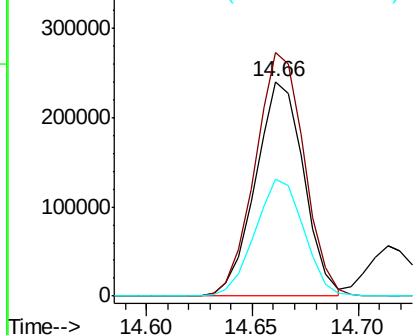


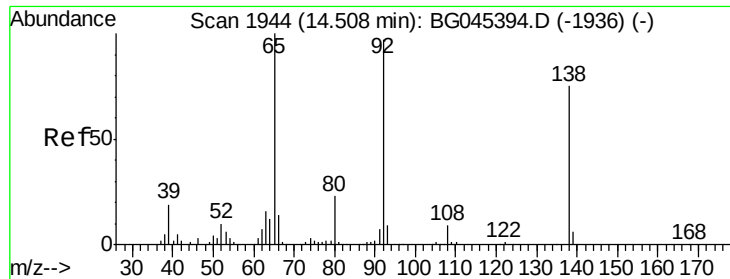
#52
 Acenaphthene
 Concen: 41.578 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:154 Resp: 380721
 Ion Ratio Lower Upper
 154 100
 153 113.7 92.8 139.2
 152 54.5 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

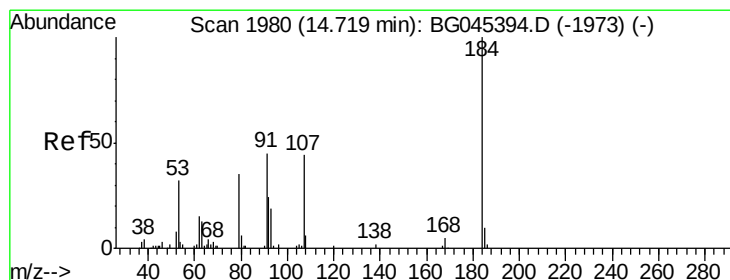
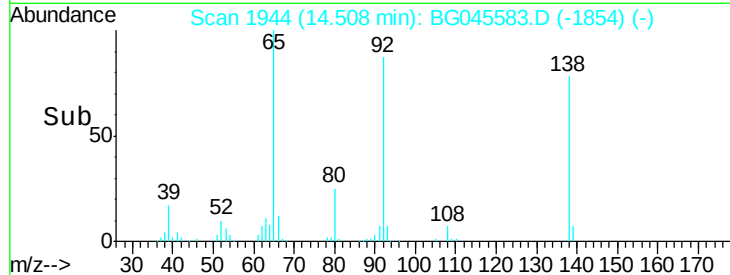
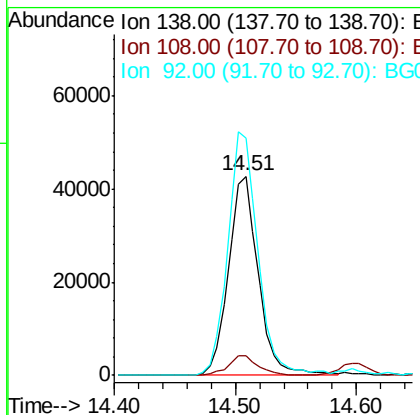
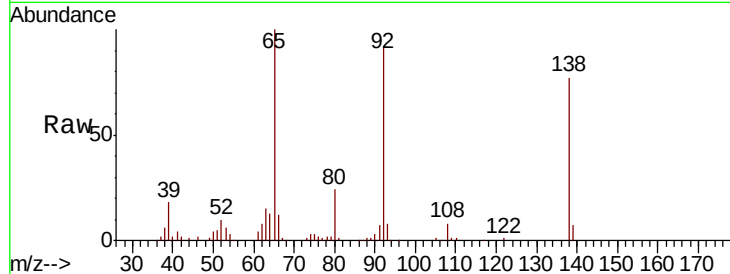




#53
3-Nitroaniline
Concen: 27.316 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

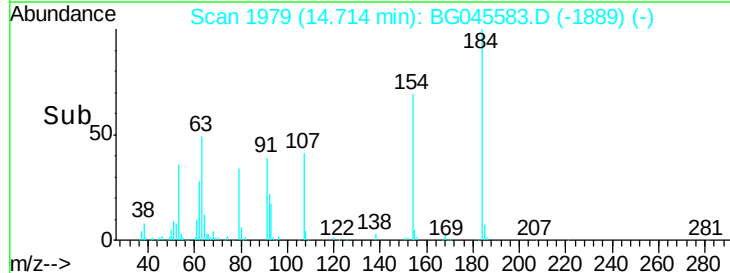
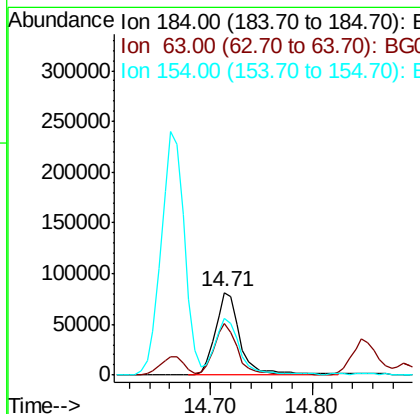
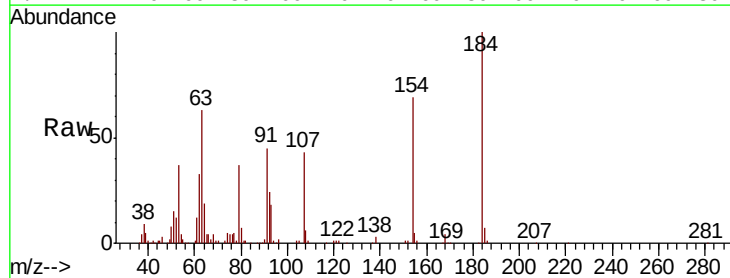
Instrument :
BNA_G
ClientSampleId :

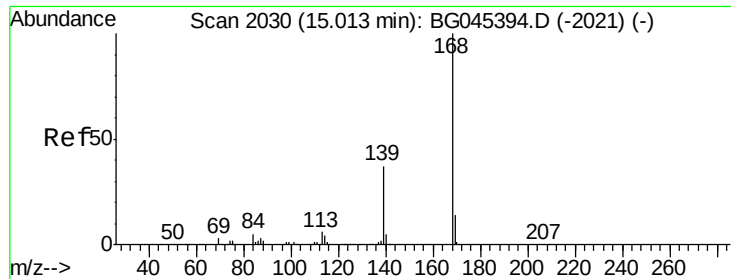
Tot Ion:138 Resp: 73365
Ion Ratio Lower Upper
138 100
108 9.8 9.8 14.6
92 119.2 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 80.434 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion:184 Resp: 139266
Ion Ratio Lower Upper
184 100
63 62.8 47.8 71.6
154 68.9 58.3 87.5

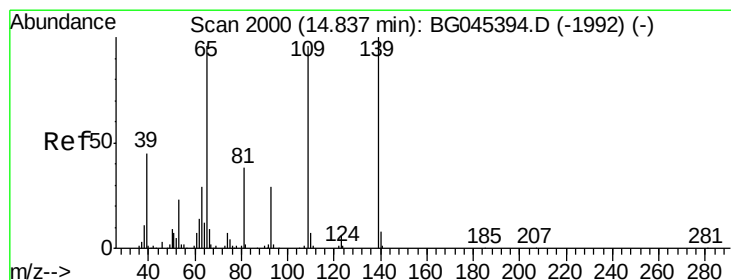
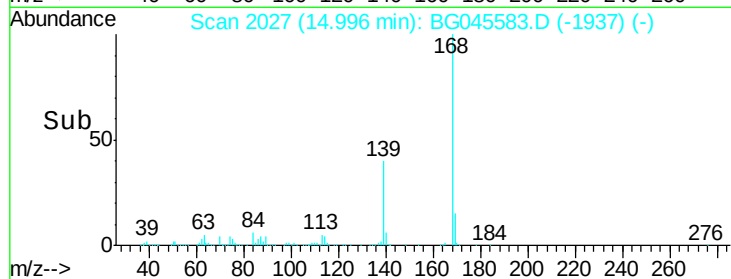
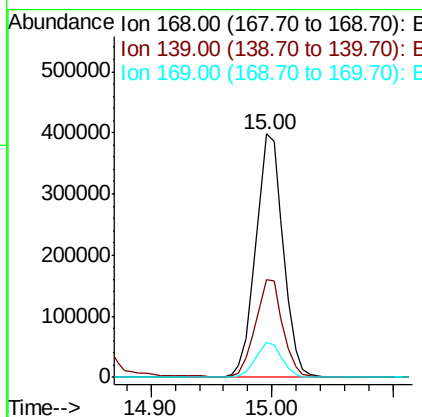
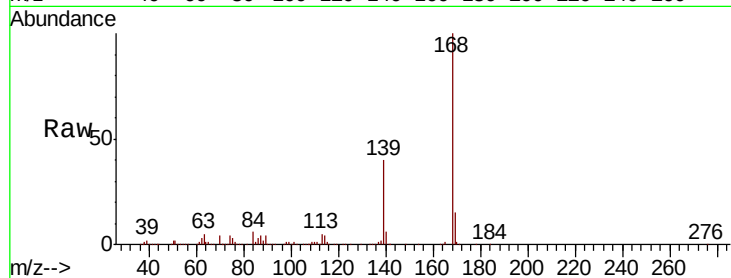




#55
Dibenzenofuran
Concen: 46.247 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

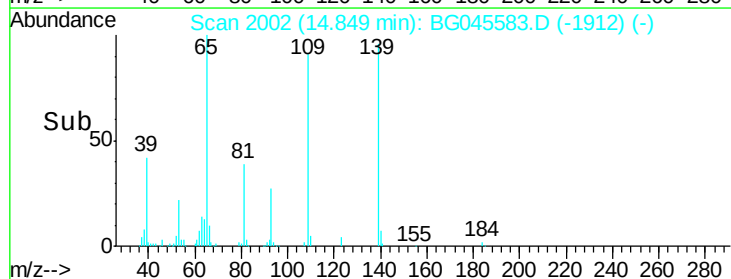
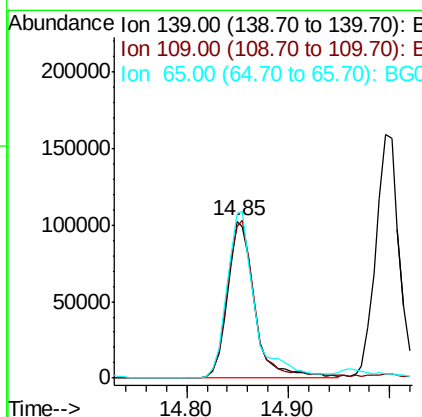
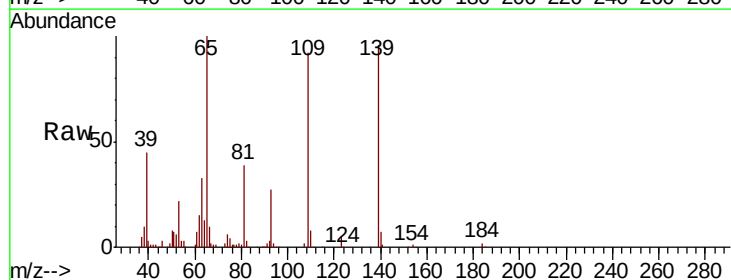
Instrument :
BNA_G
ClientSampled :

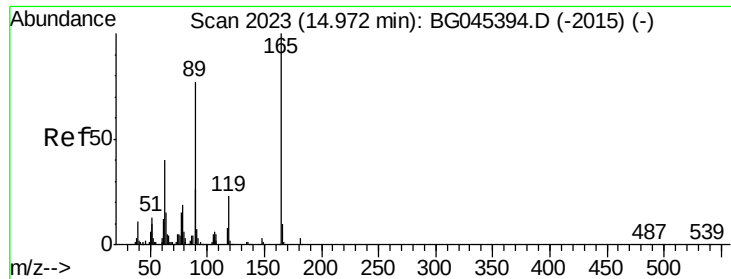
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	29.9	44.9
169	14.5	10.9	16.3



#56
4-Nitrophenol
Concen: 93.395 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.2	75.6	115.6
65	104.4	76.8	116.8

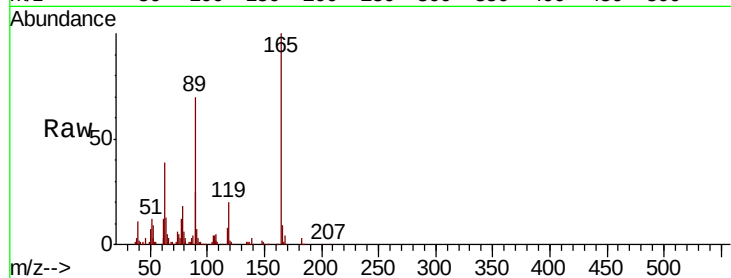




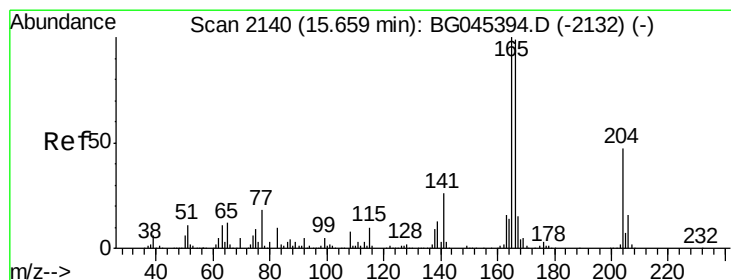
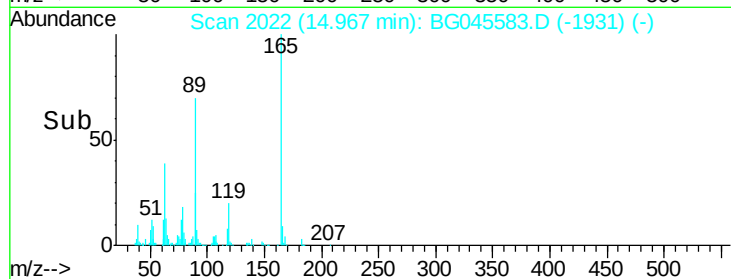
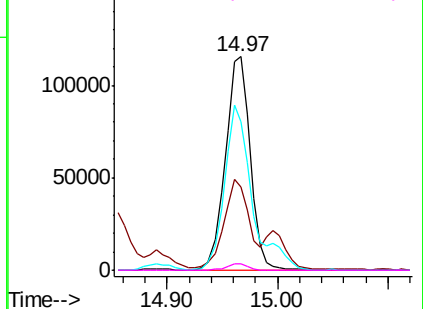
#57
2,4-Dinitrotoluene
Concen: 47.613 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 182188
Ion Ratio Lower Upper
165 100
63 38.8 32.5 48.7
89 69.6 61.8 92.6
182 2.7 2.3 3.5

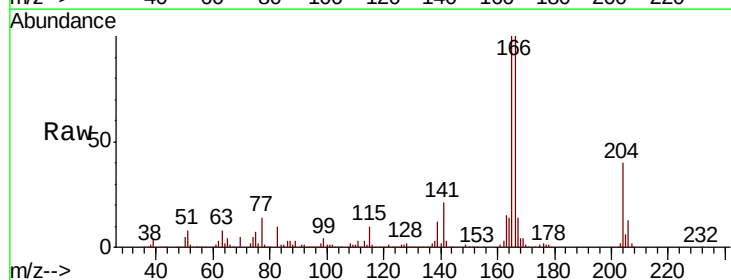


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

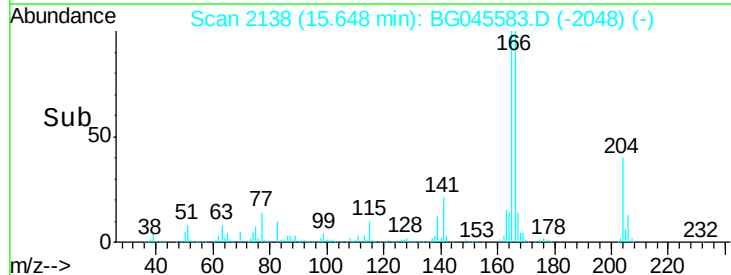
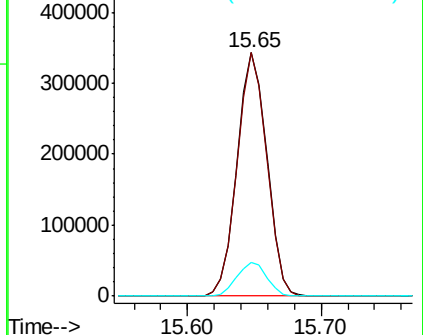


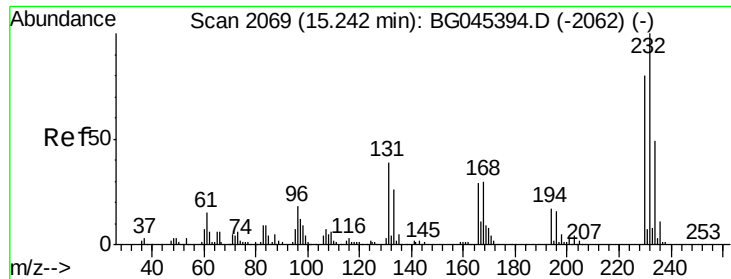
#58
Fluorene
Concen: 47.649 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion:166 Resp: 532310
Ion Ratio Lower Upper
166 100
165 100.1 80.8 121.2
167 13.7 12.0 18.0



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

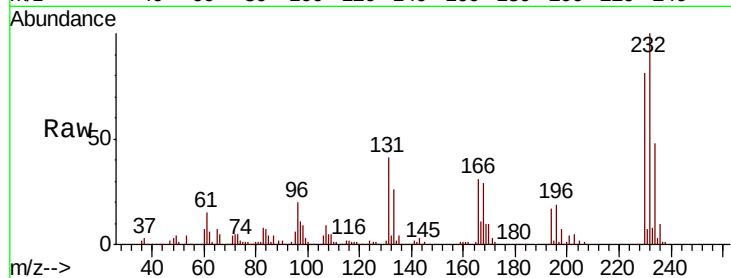




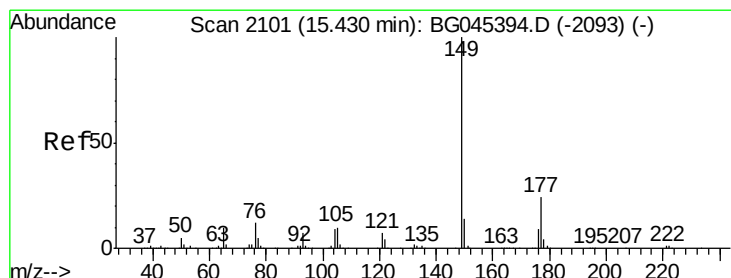
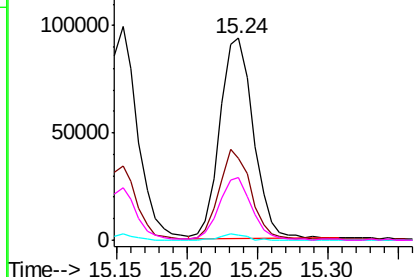
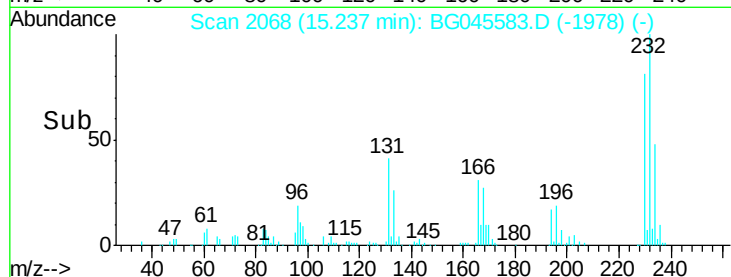
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.593 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232 Resp: 155133
 Ion Ratio Lower Upper
 232 100
 131 42.5 33.7 50.5
 130 2.4 2.1 3.1
 166 29.7 23.2 34.8

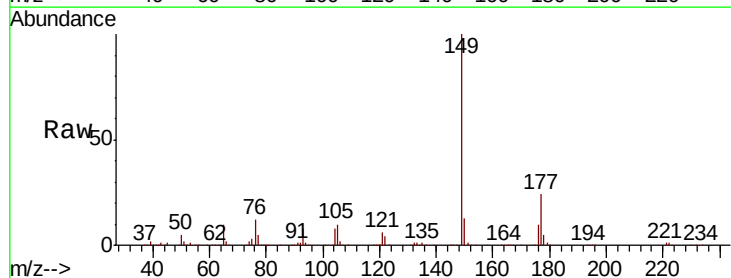


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

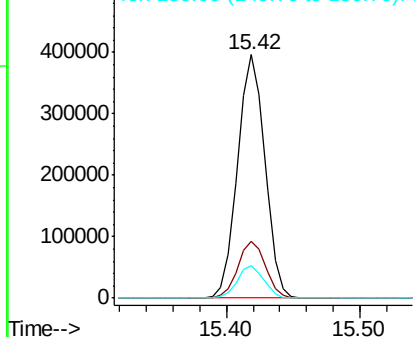
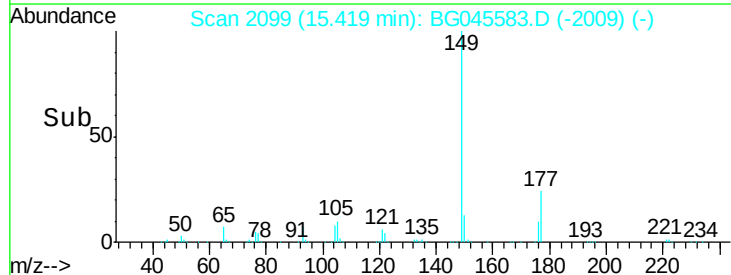


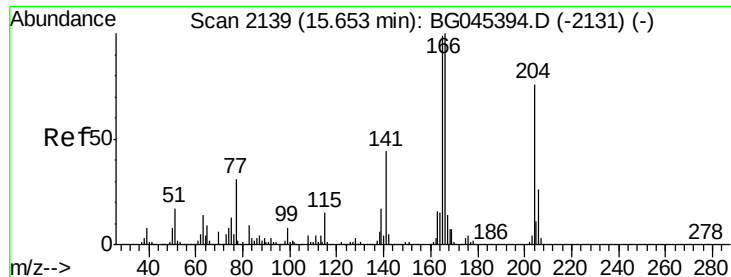
#60
 Diethylphthalate
 Concen: 46.155 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:149 Resp: 562488
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.0 28.4
 150 13.4 11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

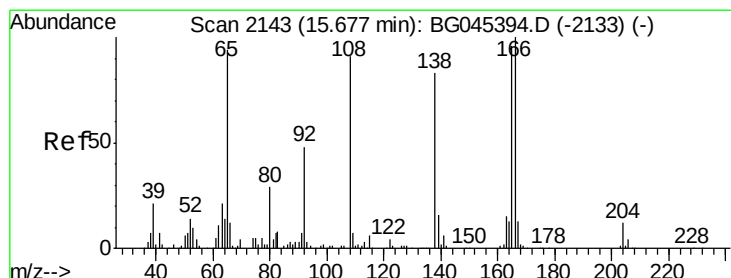
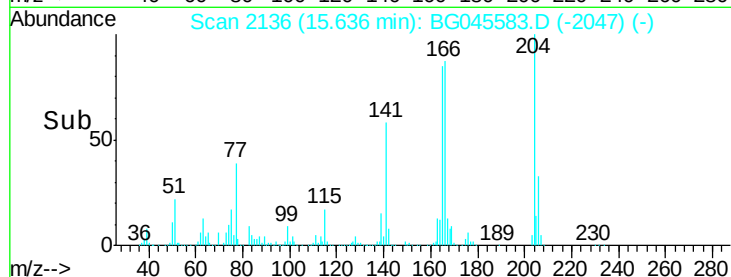
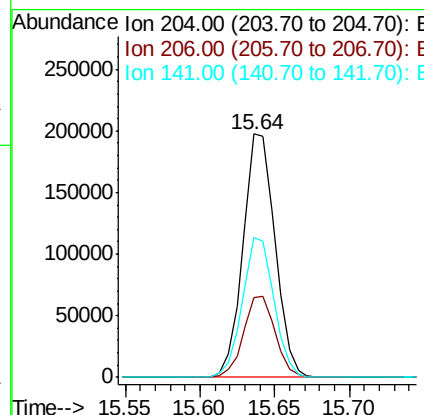
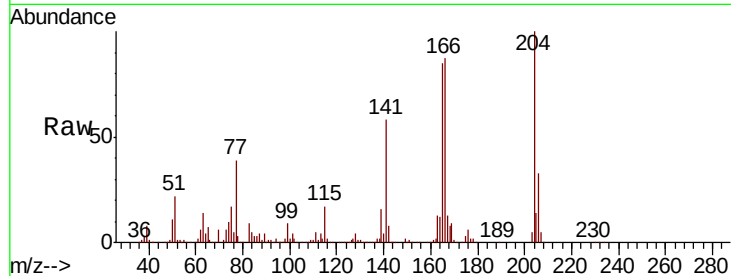




#61
 4-Chlorophenyl-phenylether
 Concen: 45.918 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

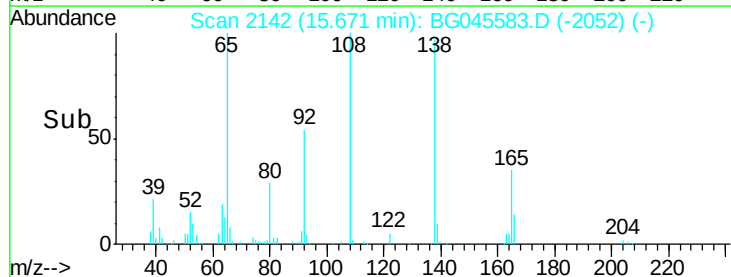
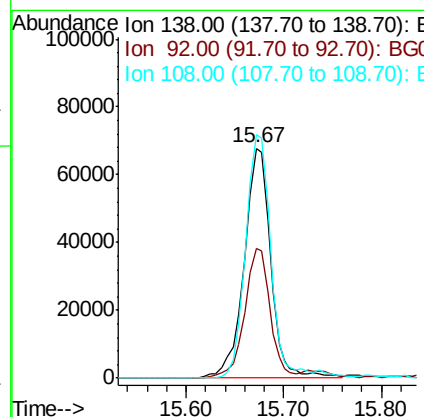
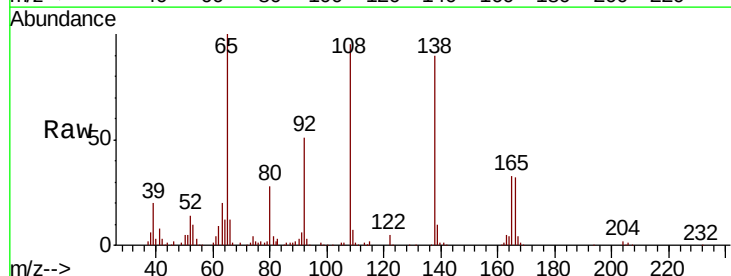
Instrument :
 BNA_G
 ClientSampled :

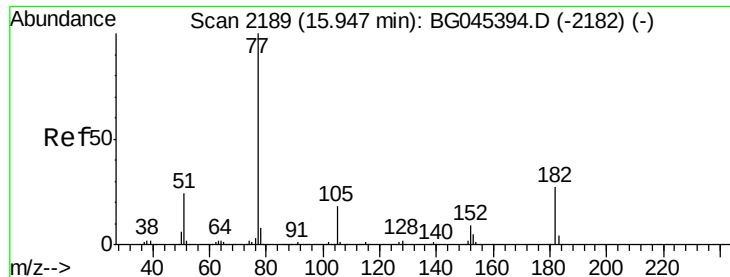
Tot Ion:204 Resp: 293542
 Ion Ratio Lower Upper
 204 100
 206 32.5 27.3 40.9
 141 57.6 45.9 68.9



#62
 4-Nitroaniline
 Concen: 45.975 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:138 Resp: 128909
 Ion Ratio Lower Upper
 138 100
 92 56.2 38.0 78.0
 108 105.8 89.3 129.3





#63

Azobenzene

Concen: 46.766 ng

RT: 15.94 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 531432

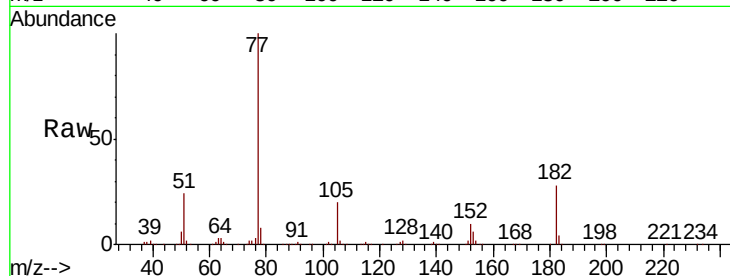
Ion Ratio Lower Upper

77 100

182 28.1 6.5 46.5

105 19.9 0.0 37.9

51 24.2 4.1 44.1

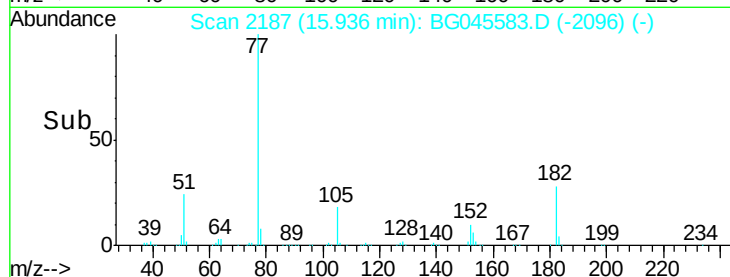


Abundance Ion 77.00 (76.70 to 77.70): BGC

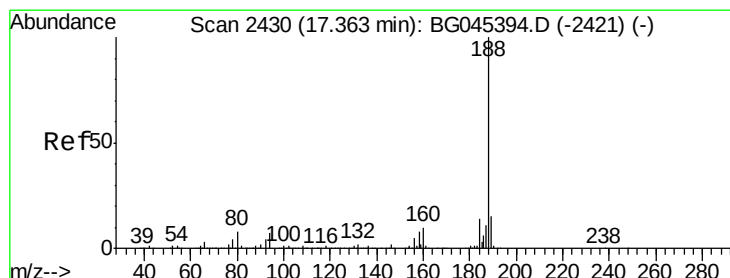
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

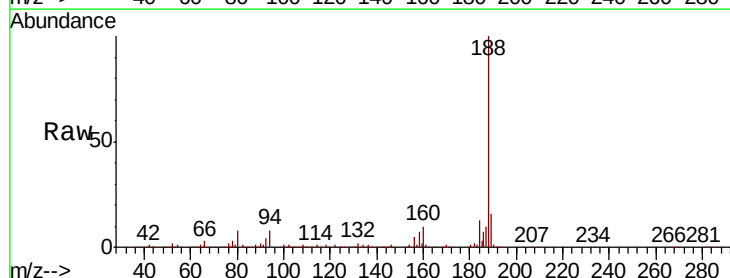
Tgt Ion: 188 Resp: 414612

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

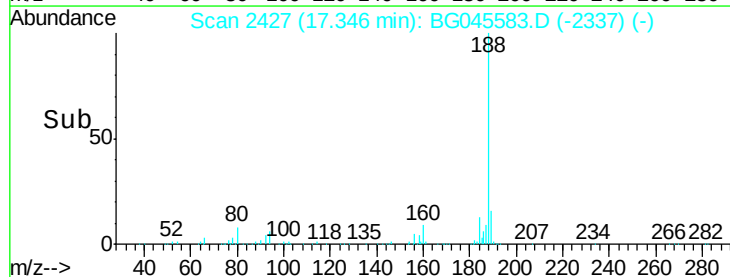
80 8.2 6.6 10.0



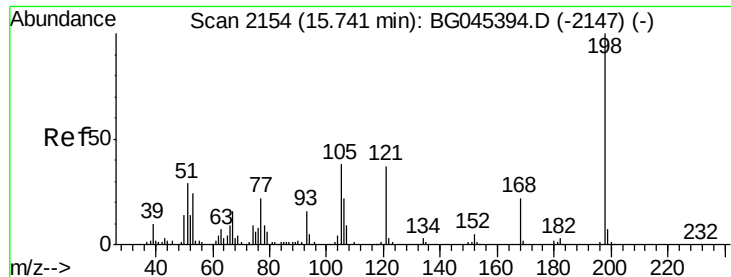
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 45.816 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

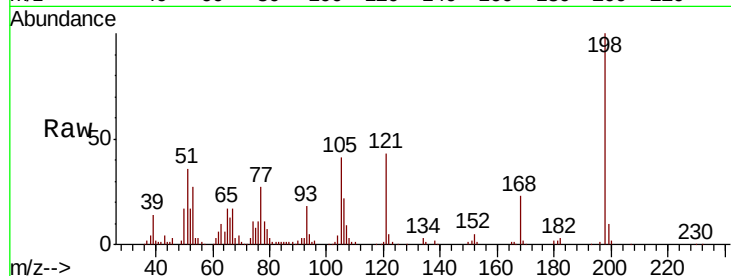
Tot Ion:198 Resp: 110632

Ion Ratio Lower Upper

198 100

51 35.8 10.0 50.0

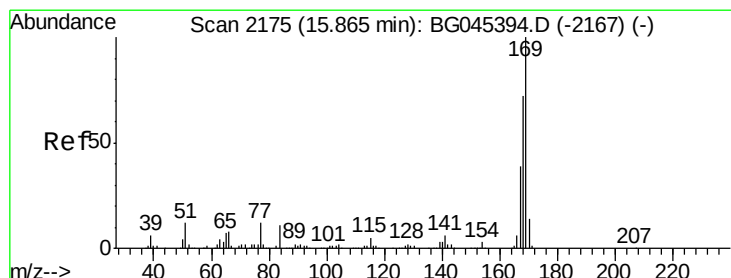
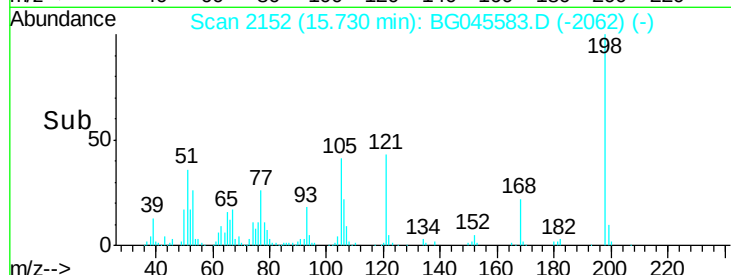
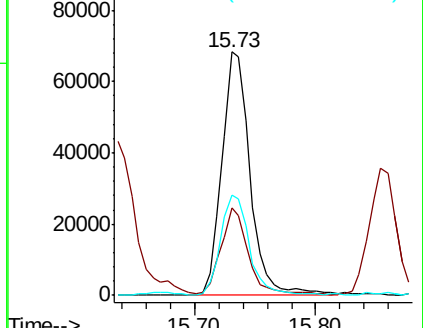
105 41.2 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.523 ng

RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

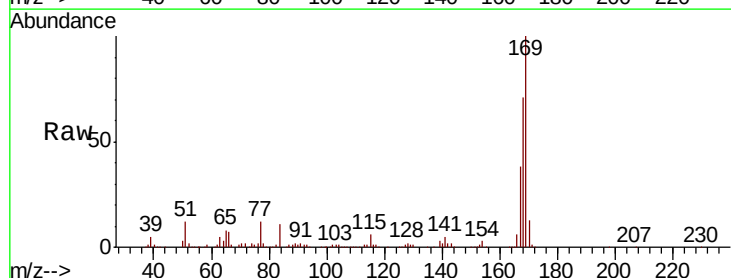
Tgt Ion:169 Resp: 473080

Ion Ratio Lower Upper

169 100

168 70.8 57.8 86.6

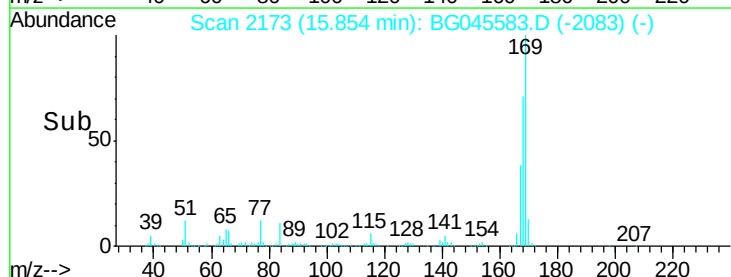
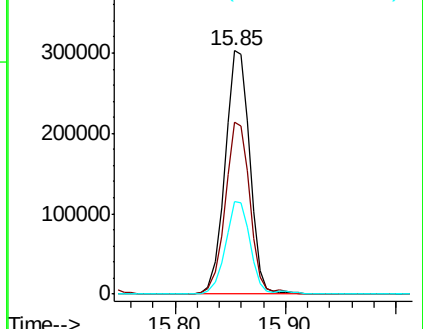
167 38.2 31.5 47.3

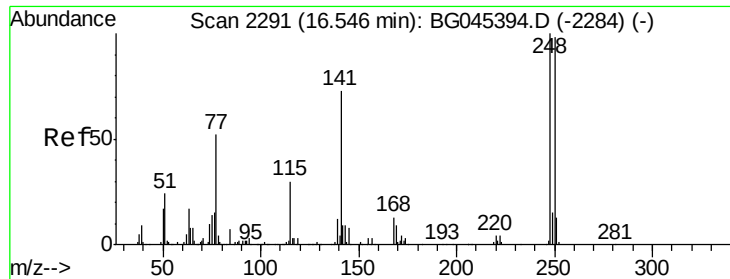


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

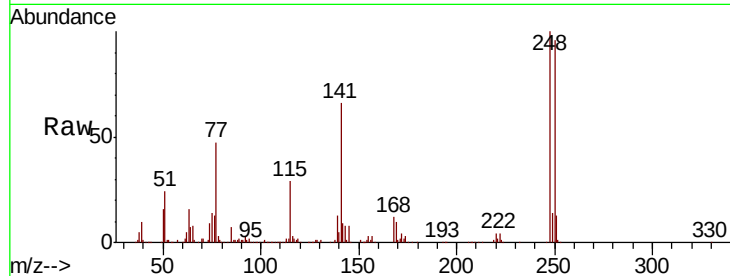




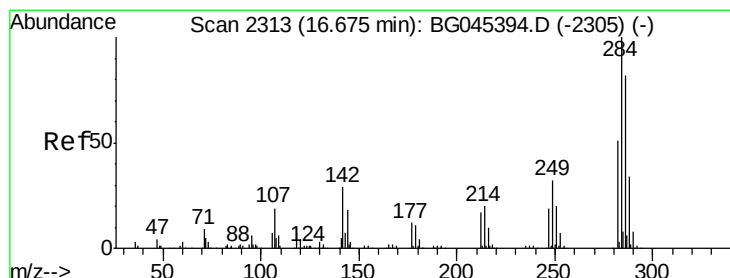
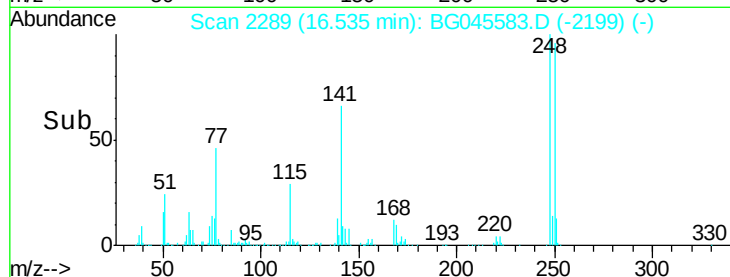
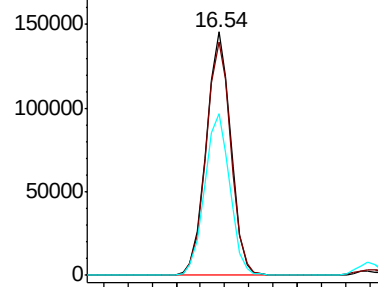
#67
4-Bromophenyl-phenylether
Concen: 46.096 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.6	117.8
141	66.5	58.2	87.2

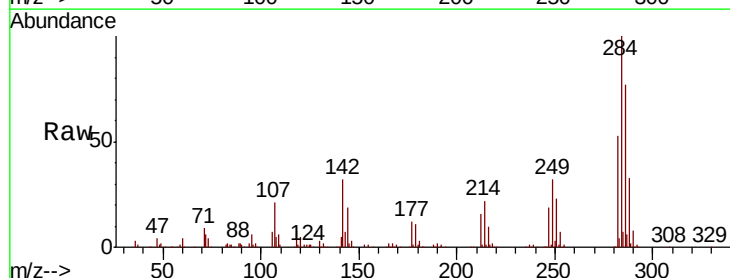


Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

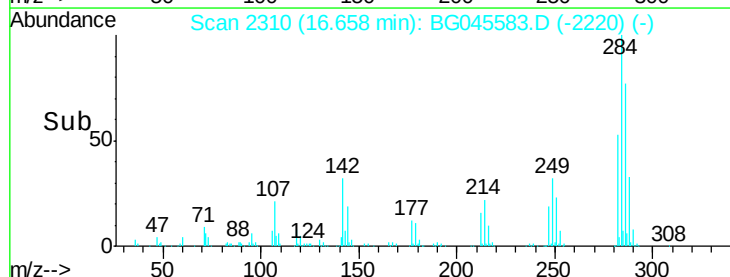
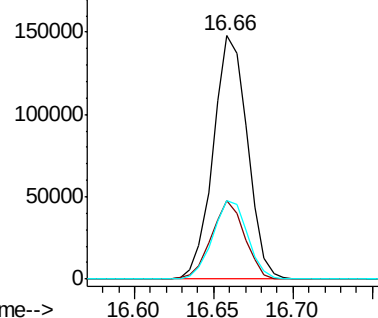


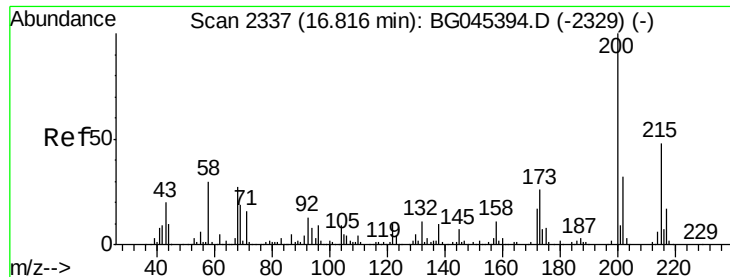
#68
Hexachlorobenzene
Concen: 47.176 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	23.0	34.6
249	32.3	25.8	38.6



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.844 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

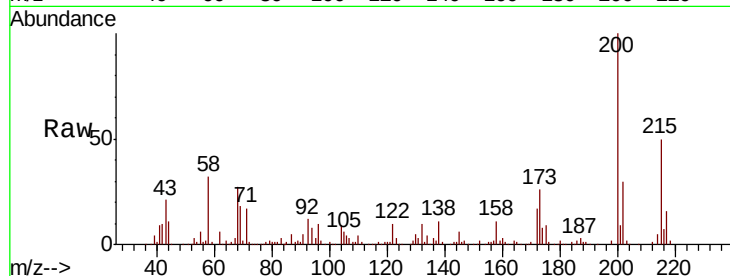
Tot Ion:200 Resp: 187971

Ion Ratio Lower Upper

200 100

173 25.8 5.5 45.5

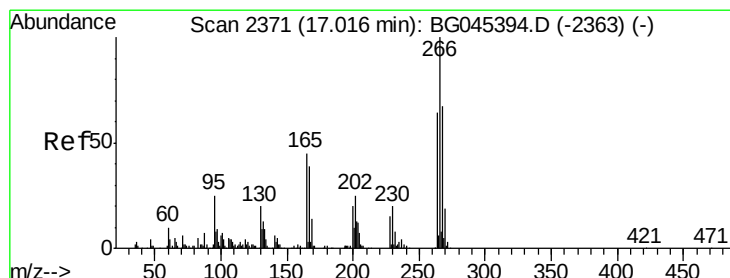
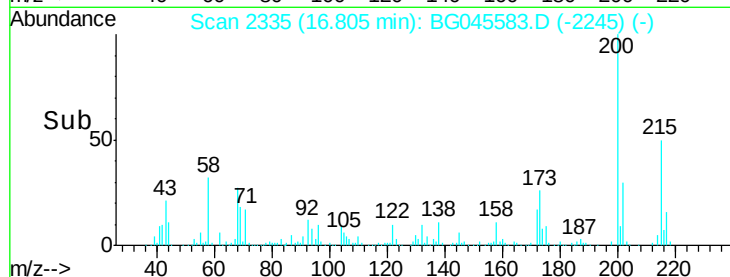
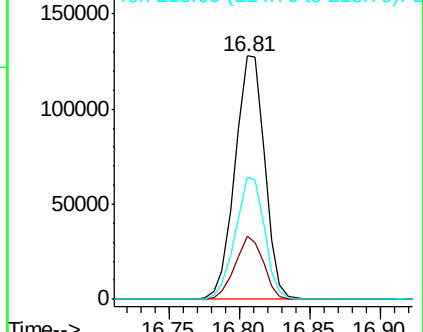
215 49.9 28.2 68.2



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: 96.389 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

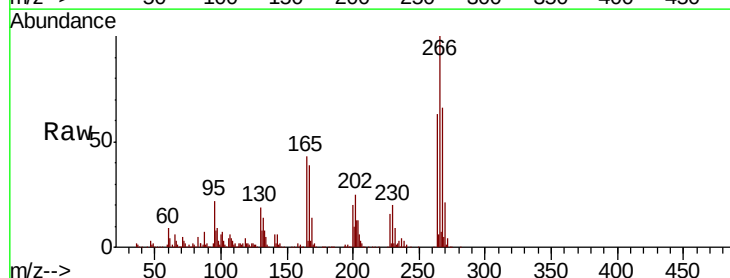
Tgt Ion:266 Resp: 235015

Ion Ratio Lower Upper

266 100

268 65.7 53.2 79.8

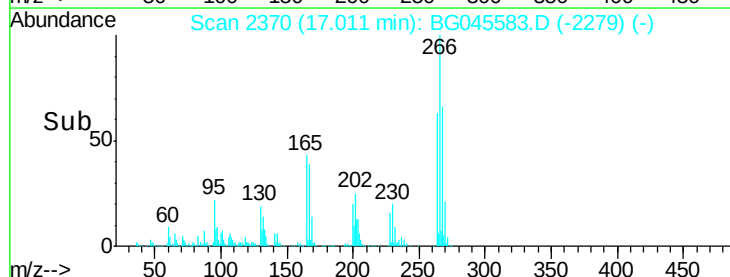
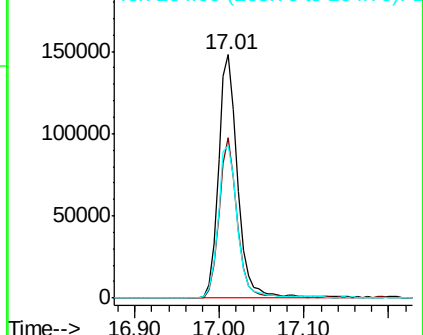
264 62.5 51.0 76.4

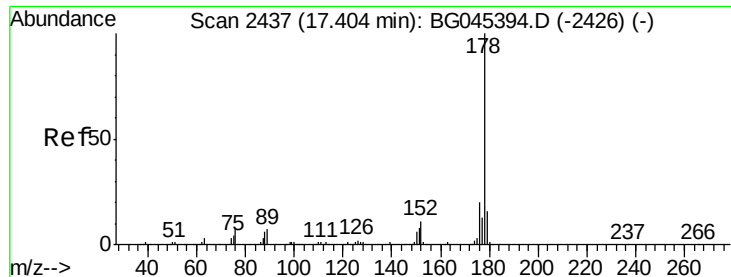


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

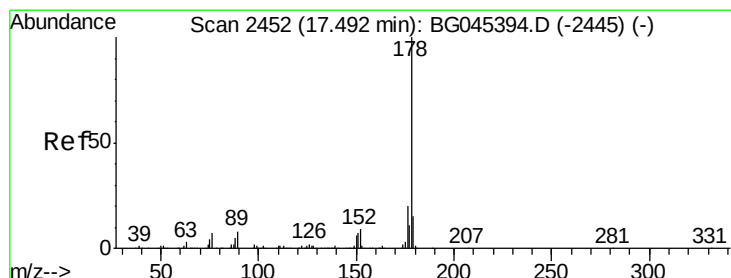
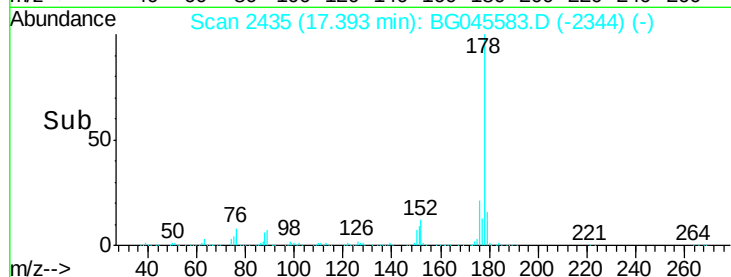
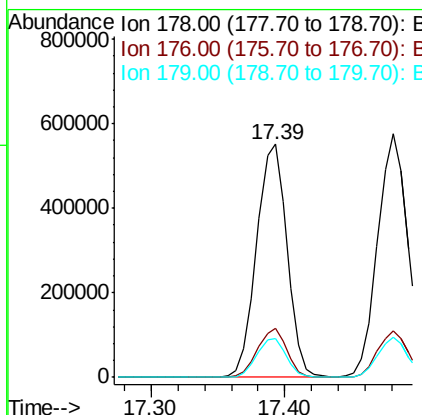
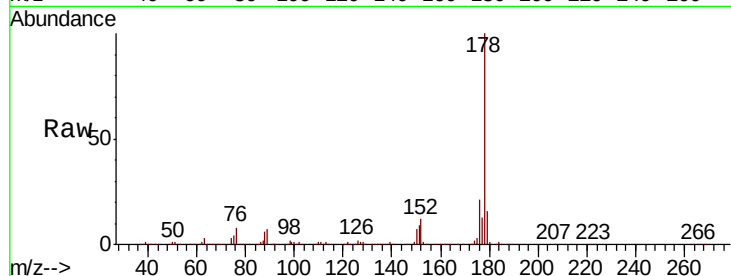




#71
Phenanthrene
Concen: 47.957 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

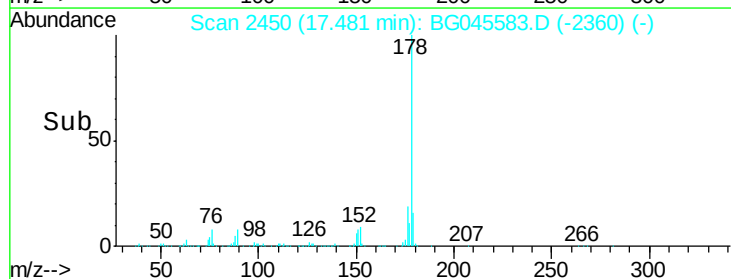
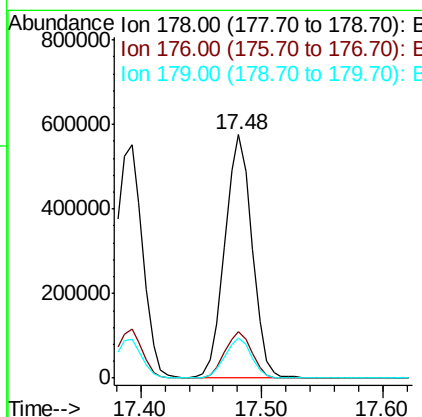
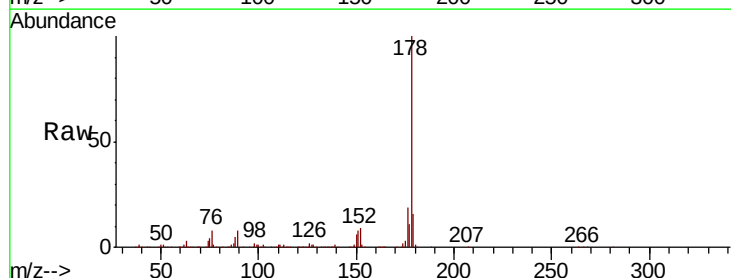
Instrument :
BNA_G
ClientSampleId :

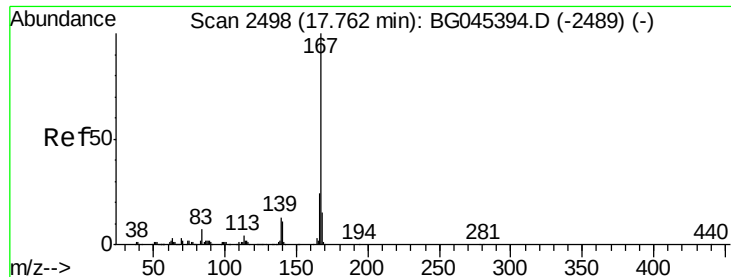
Tot Ion:178 Resp: 868032
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.4 13.1 19.7



#72
Anthracene
Concen: 49.312 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion:178 Resp: 896331
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 16.4 12.2 18.4

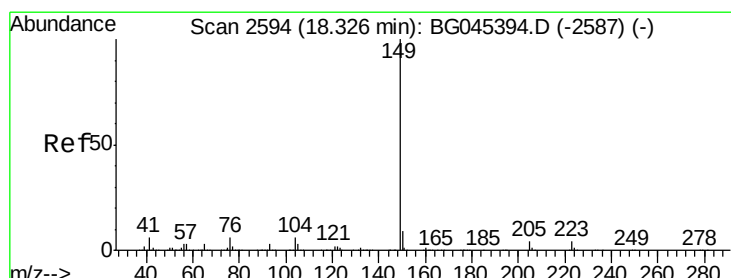
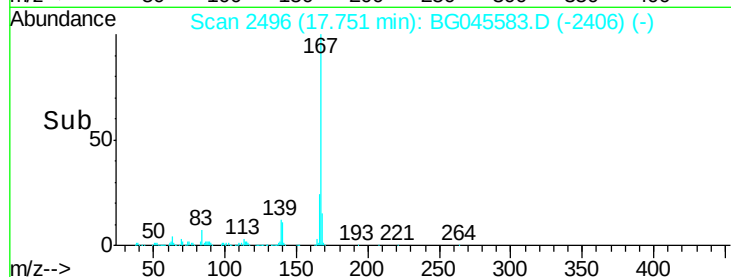
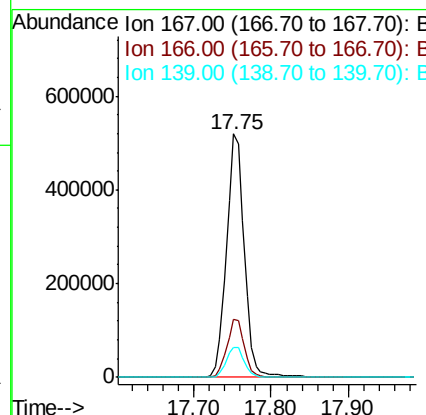
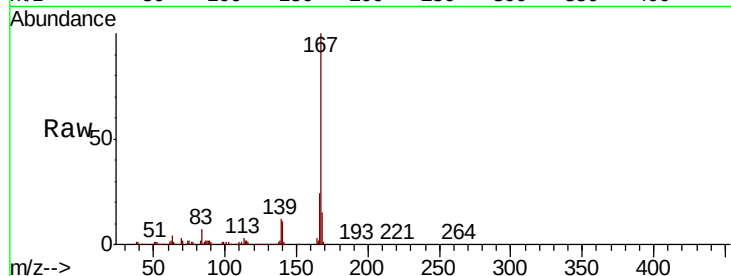




#73
 Carbazole
 Concen: 47.134 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

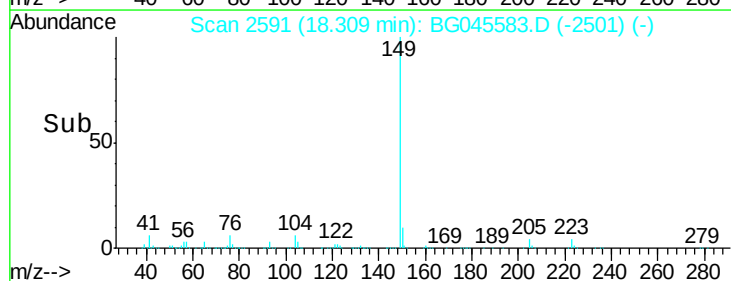
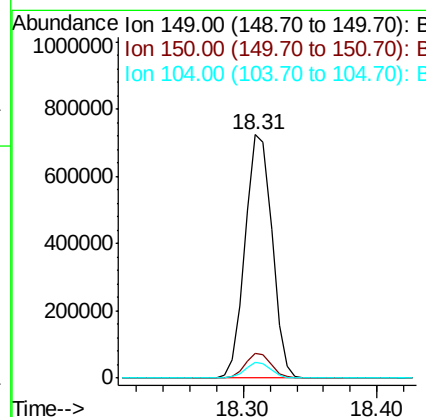
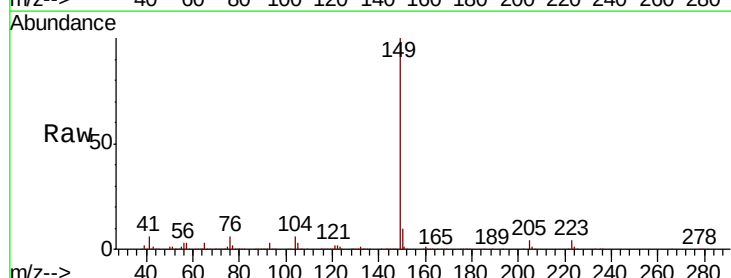
Instrument :
 BNA_G
 ClientSampleId :

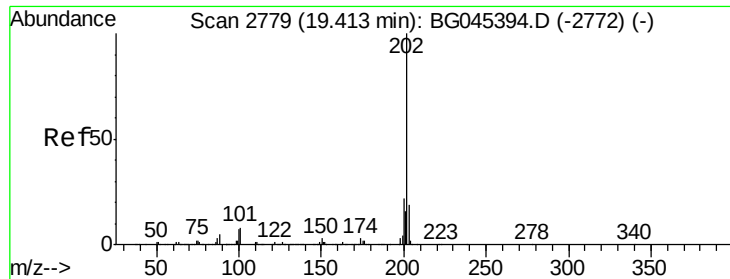
Tot Ion:167 Resp: 835116
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.2 28.8
 139 12.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.374 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:149 Resp: 1007446
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.6 11.4
 104 6.3 5.0 7.4





#75

Fluoranthene

Concen: 48.010 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampled :

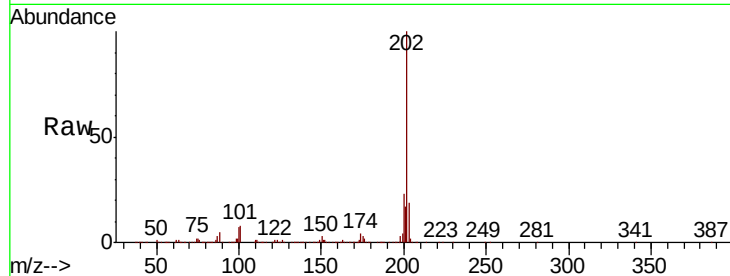
Tot Ion:202 Resp: 1105298

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

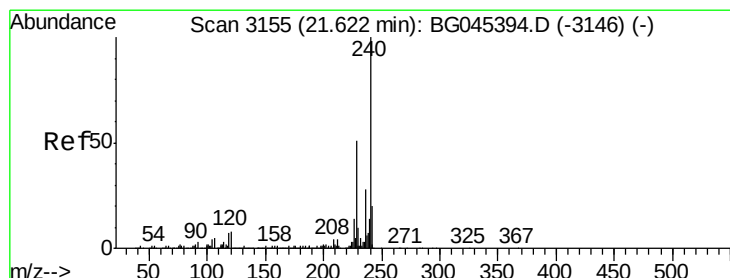
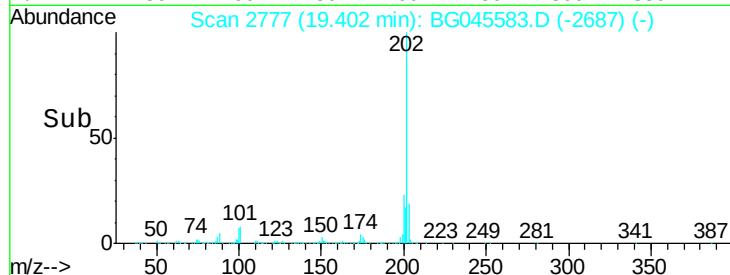
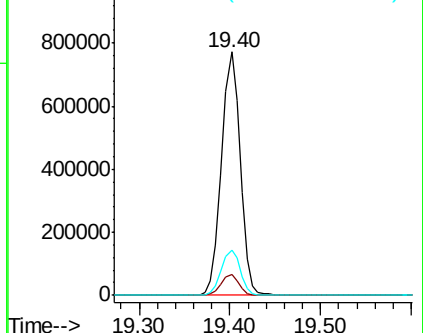
203 18.6 0.0 39.0



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: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

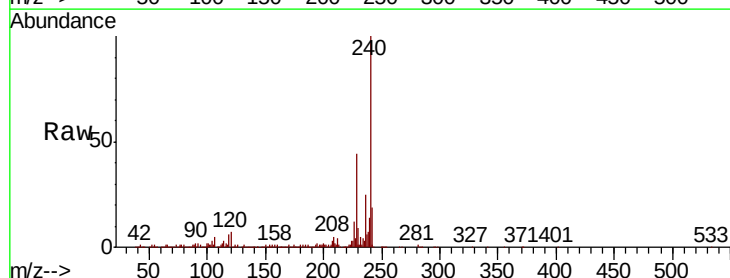
Tgt Ion:240 Resp: 393418

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

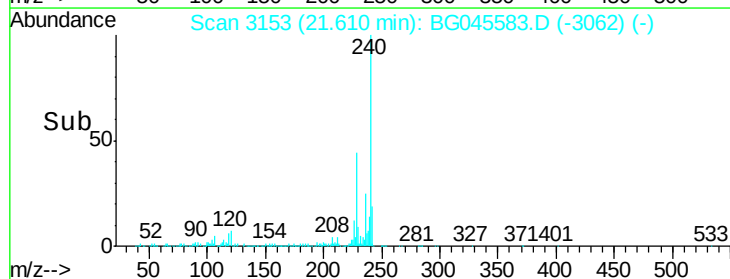
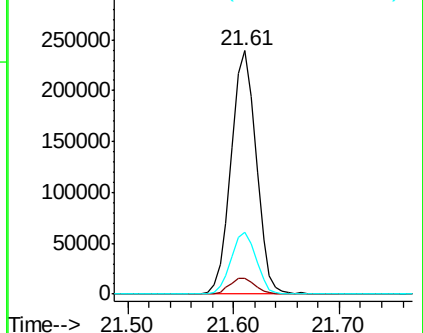
236 25.3 22.3 33.5

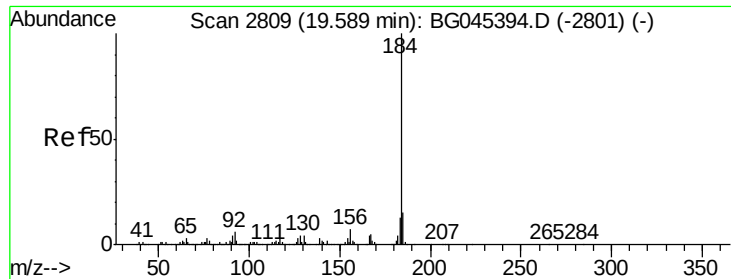


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.364 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

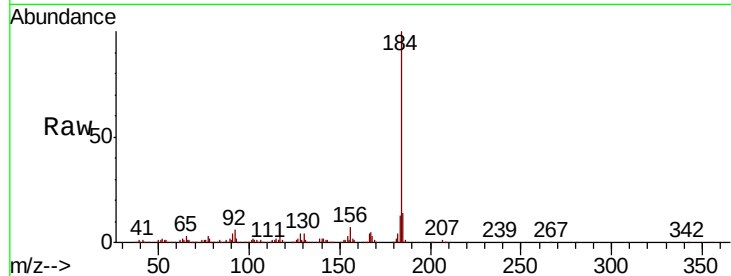
Tot Ion:184 Resp: 446000

Ion Ratio Lower Upper

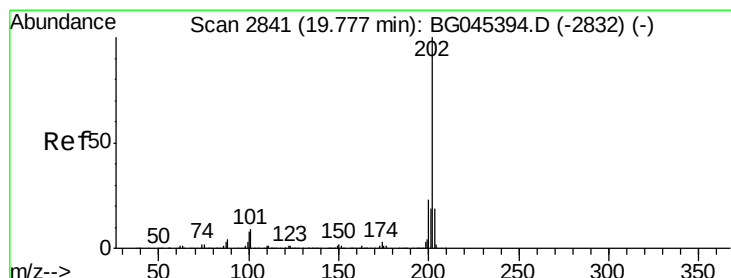
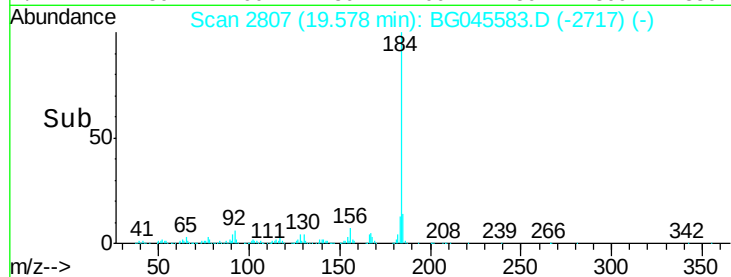
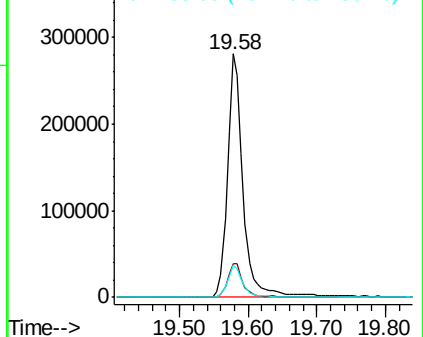
184 100

185 13.7 11.7 17.5

183 13.1 10.2 15.4



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: 49.357 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

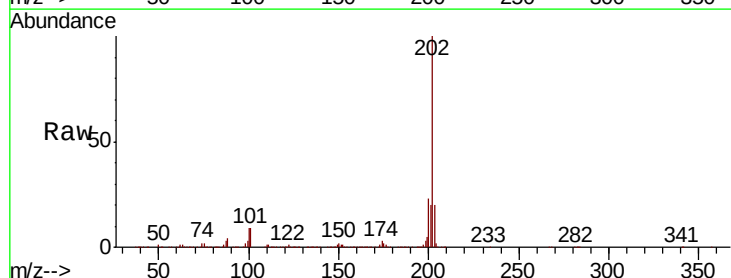
Tgt Ion:202 Resp: 1106905

Ion Ratio Lower Upper

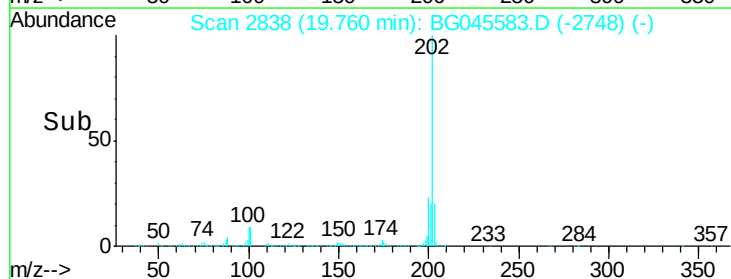
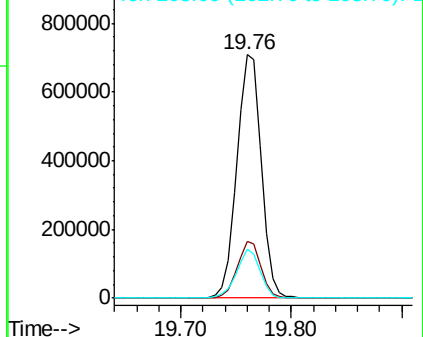
202 100

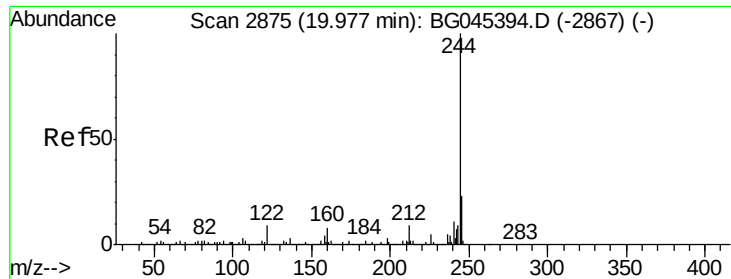
200 23.2 18.2 27.2

203 19.9 15.1 22.7



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



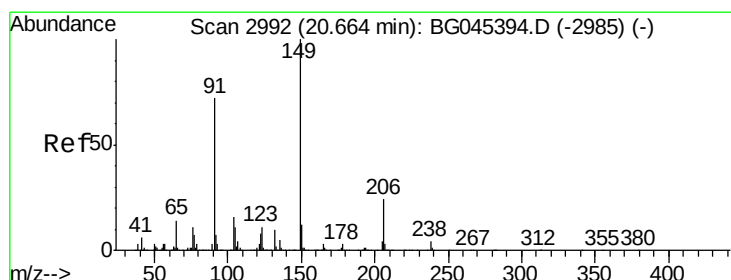
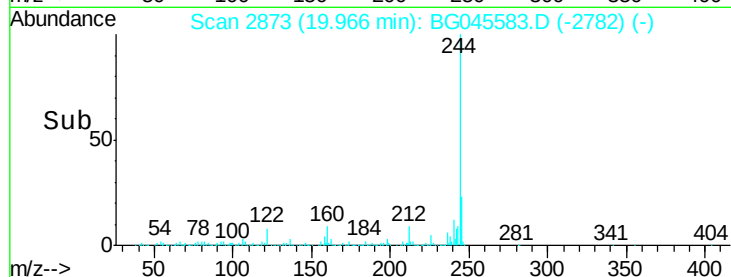
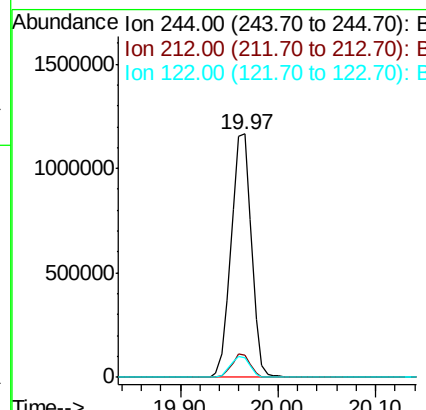
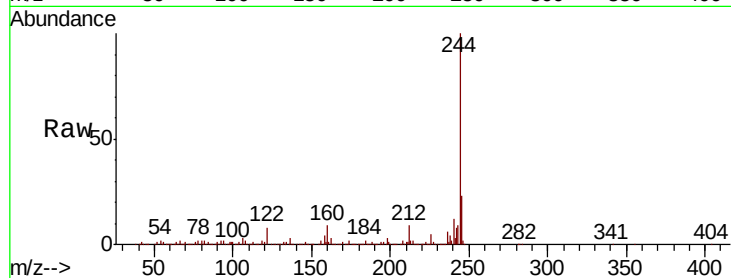


#79
 Terphenyl-d14
 Concen: 99.826 ng
 RT: 19.97 min Scan# 2873
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1683885

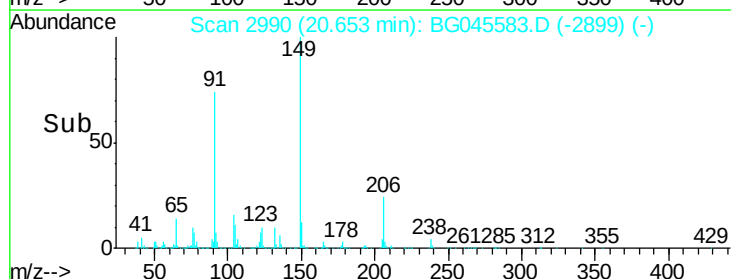
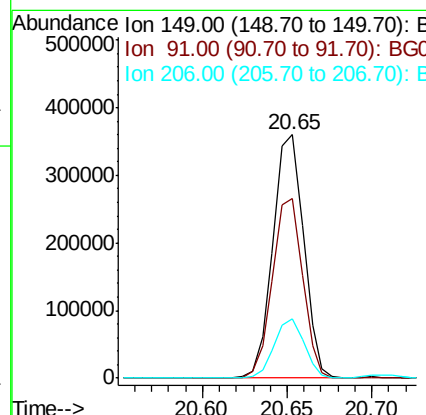
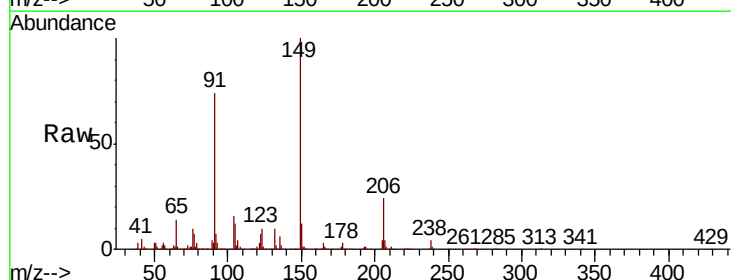
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.0
122	8.3	6.8	10.2

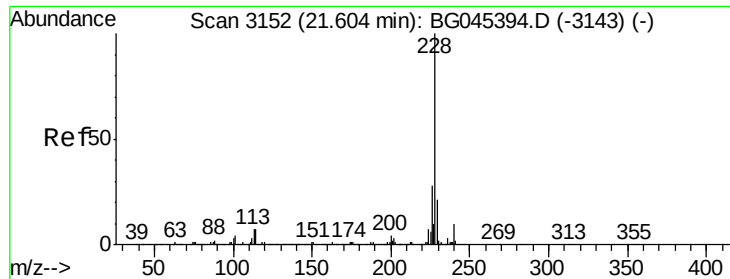


#80
 Butylbenzylphthalate
 Concen: 46.709 ng
 RT: 20.65 min Scan# 2990
 Delta R.T. 0.01 min
 Lab File: BG045583.D
 Acq: 3 Jun 2020 16:19

Tgt Ion:149 Resp: 452140

Ion	Ratio	Lower	Upper
149	100		
91	73.6	57.8	86.6
206	24.2	19.1	28.7





#81

Benzo(a)anthracene

Concen: 48.024 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

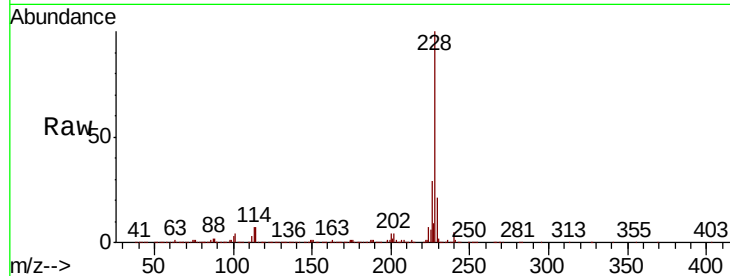
Tot Ion:228 Resp: 1052503

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.5	16.7	25.1

228 100

226 28.8 22.7 34.1

229 21.5 16.7 25.1

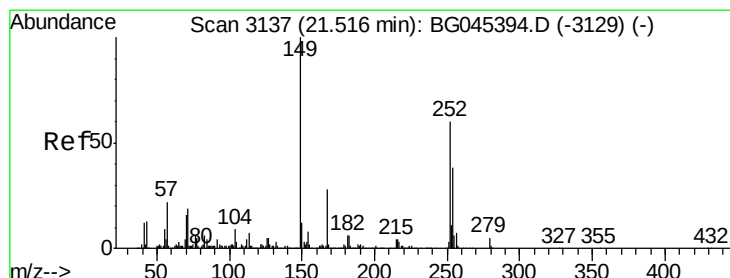
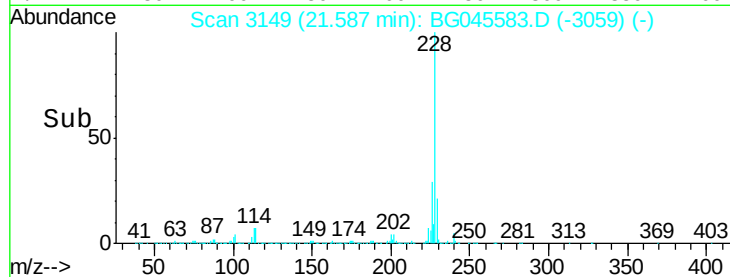
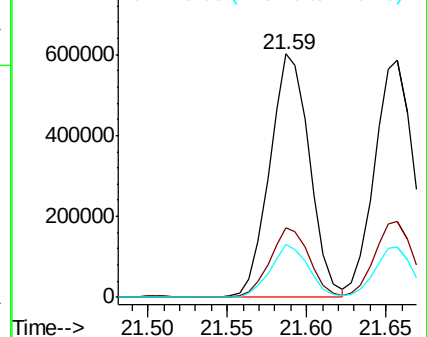


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 31.307 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

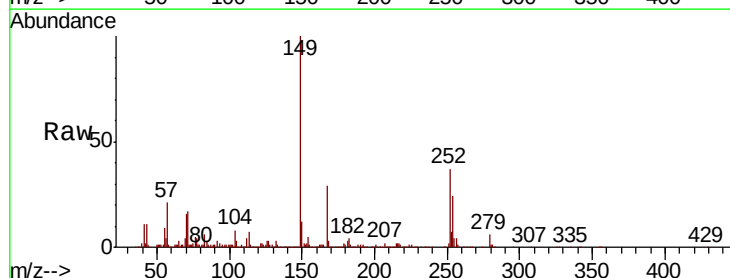
Tgt Ion:252 Resp: 269137

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	8.8	6.6	10.0

252 100

254 64.3 51.3 76.9

126 8.8 6.6 10.0

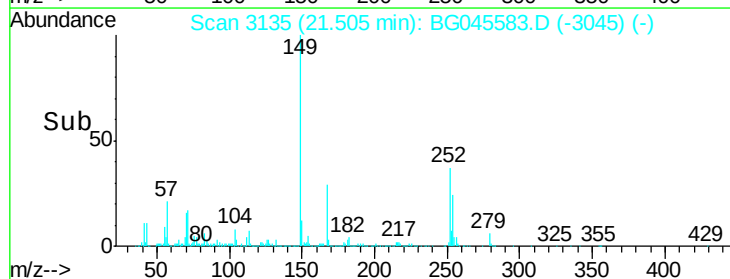
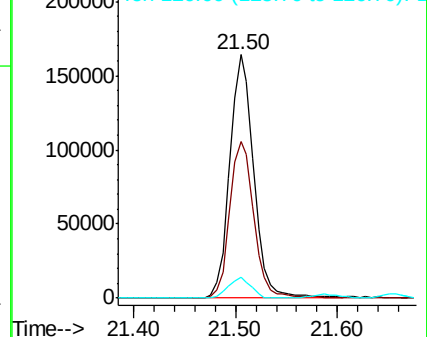


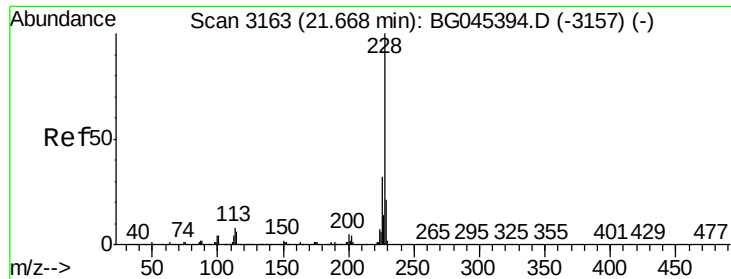
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.460 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

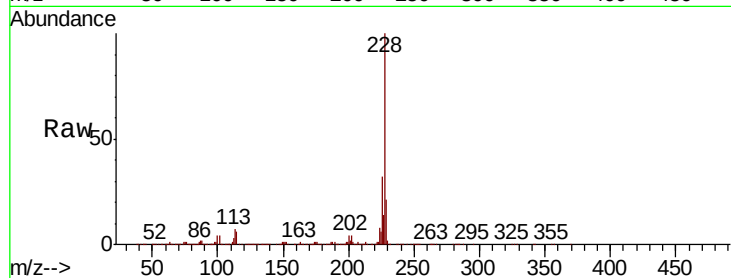
Tot Ion:228 Resp: 1000133

Ion Ratio Lower Upper

228 100

226 32.1 25.2 37.8

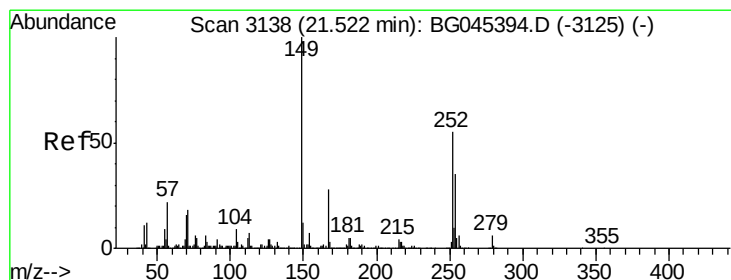
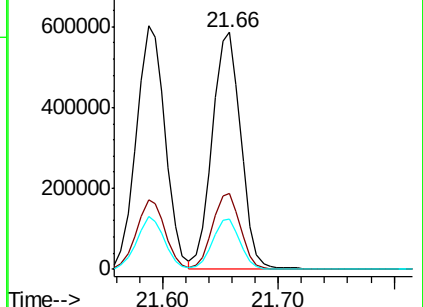
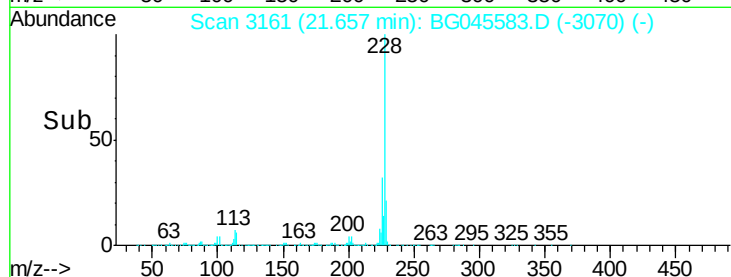
229 21.1 16.7 25.1



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: 46.469 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

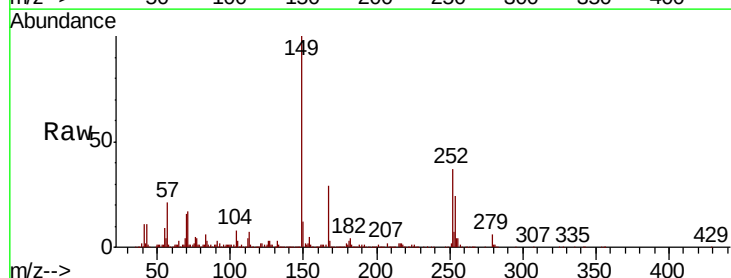
Tgt Ion:149 Resp: 618332

Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.2

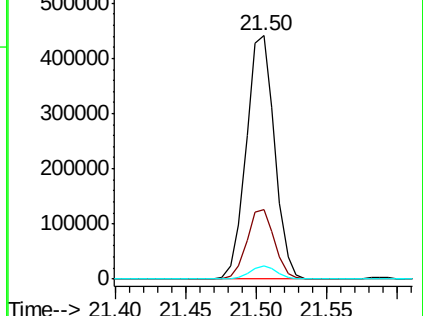
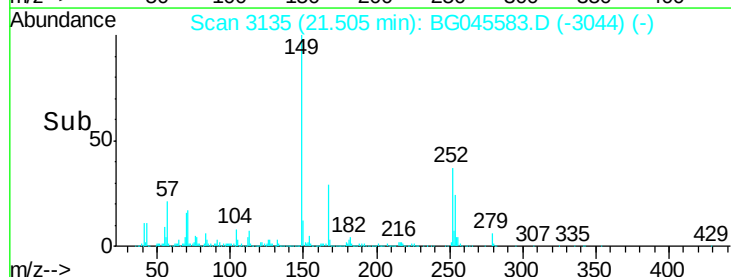
279 5.7 4.7 7.1

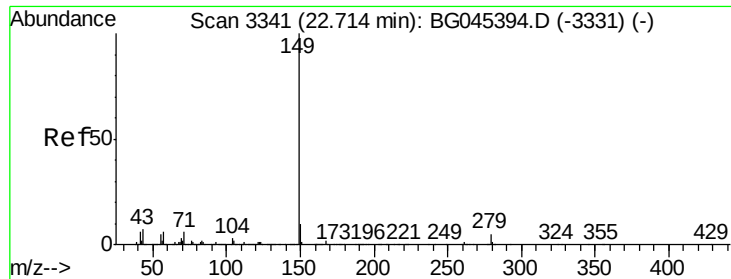


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.818 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

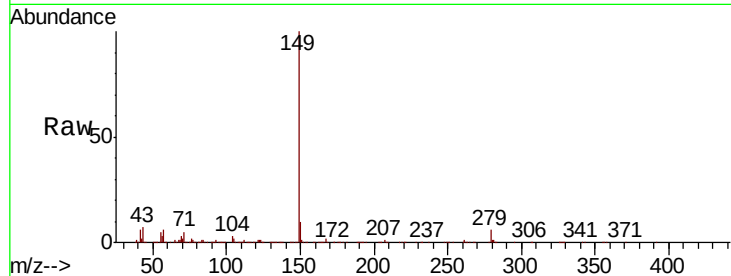
Tot Ion:149 Resp: 1047135

Ion Ratio Lower Upper

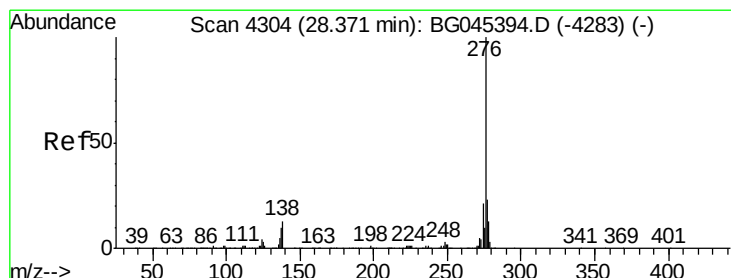
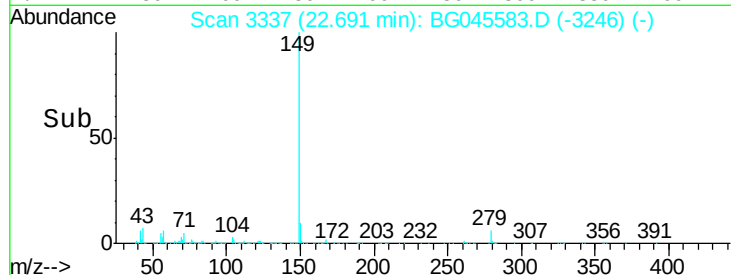
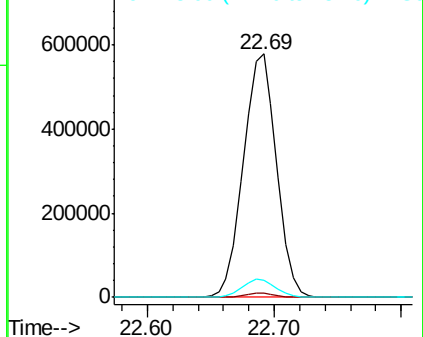
149 100

167 1.8 1.4 2.0

43 7.2 5.8 8.8



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: 46.556 ng

RT: 28.34 min Scan# 4298

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

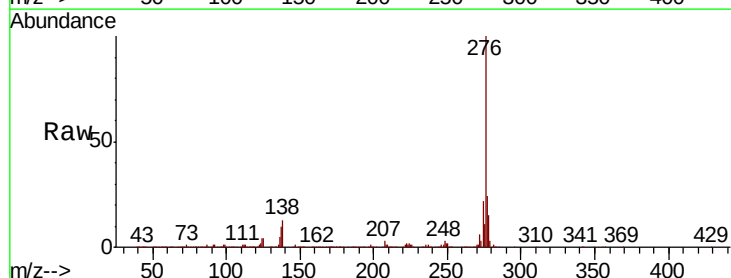
Tgt Ion:276 Resp: 1282929

Ion Ratio Lower Upper

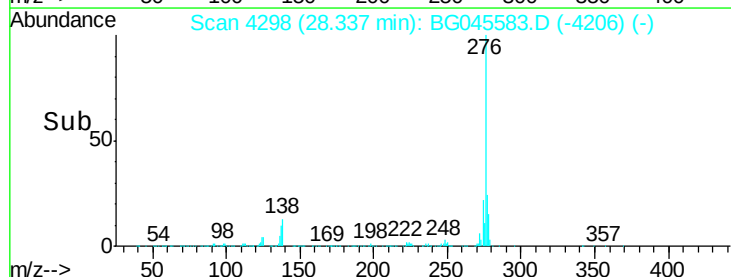
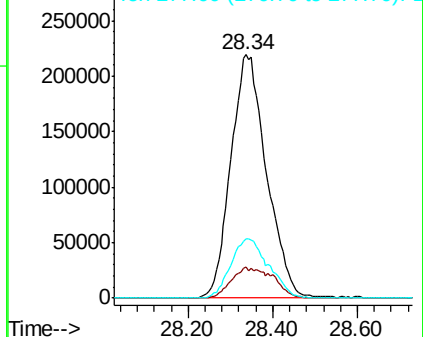
276 100

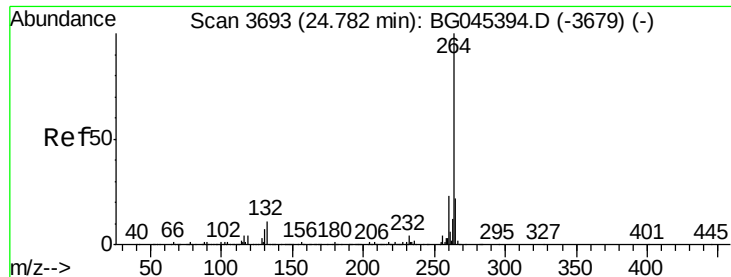
138 14.9 8.6 12.8#

277 25.9 20.2 30.4



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: 24.75 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

Instrument :

BNA_G

ClientSampleId :

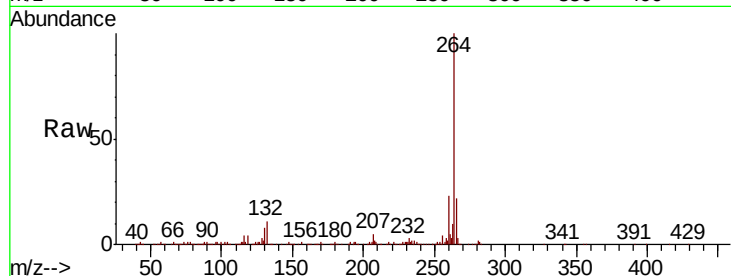
Tot Ion:264 Resp: 424957

Ion Ratio Lower Upper

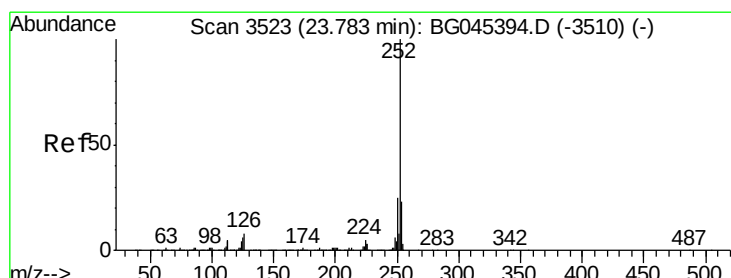
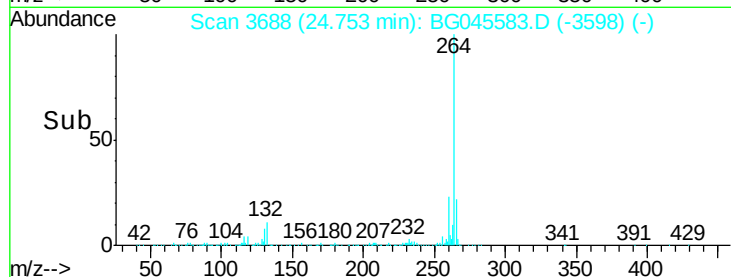
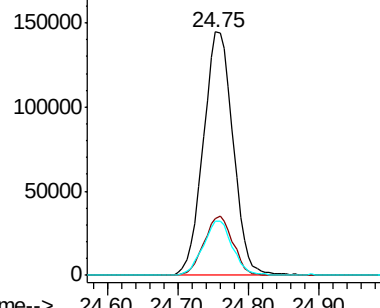
264 100

260 23.3 18.2 27.4

265 22.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.055 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BG045583.D

Acq: 3 Jun 2020 16:19

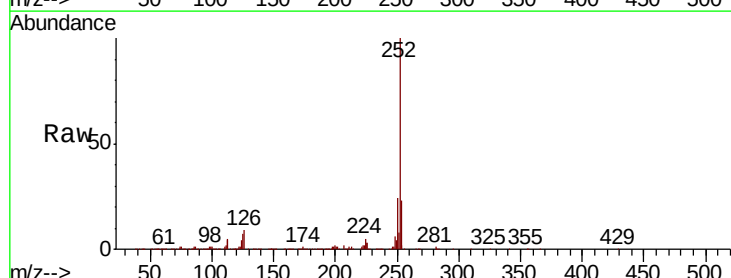
Tgt Ion:252 Resp: 1095223

Ion Ratio Lower Upper

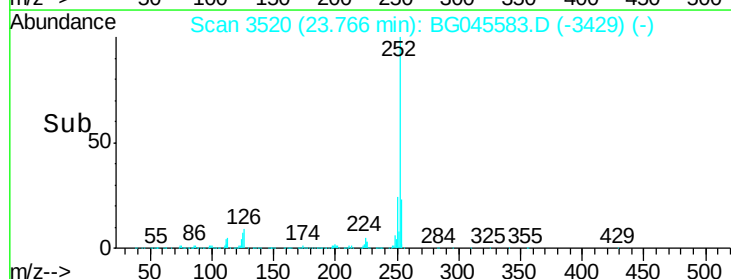
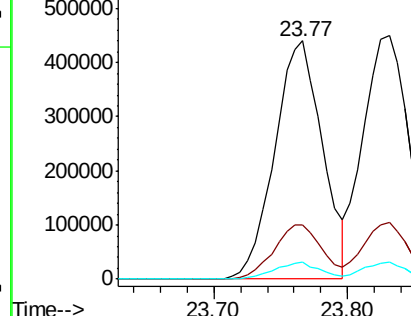
252 100

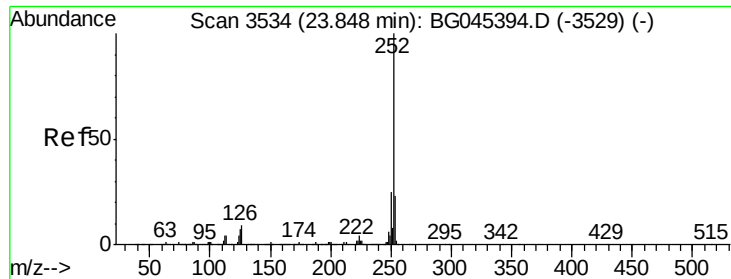
253 22.9 18.1 27.1

125 7.1 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

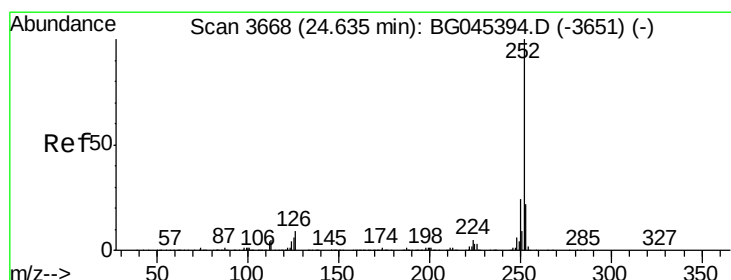
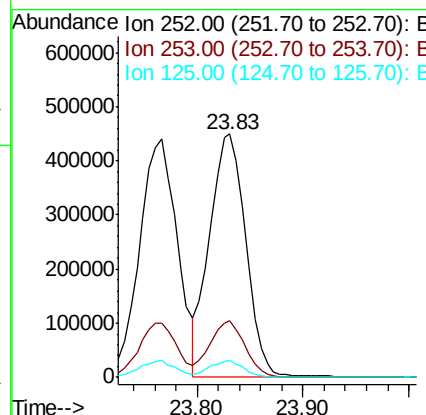
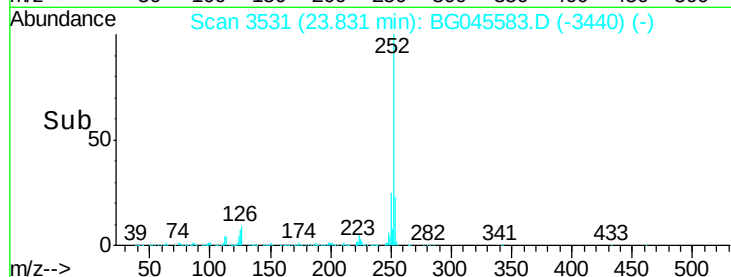
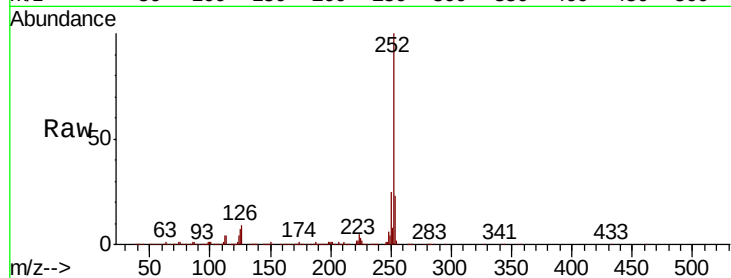




#89
Benzo(k)fluoranthene
Concen: 49.930 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

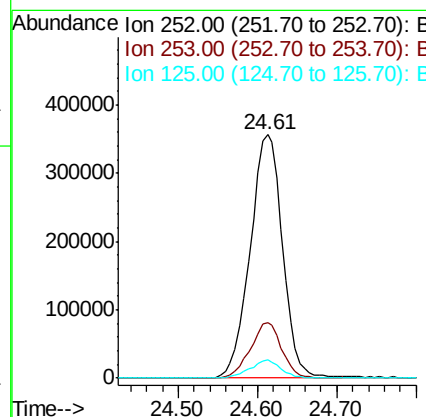
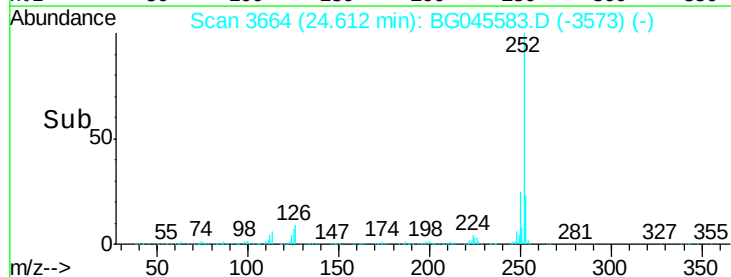
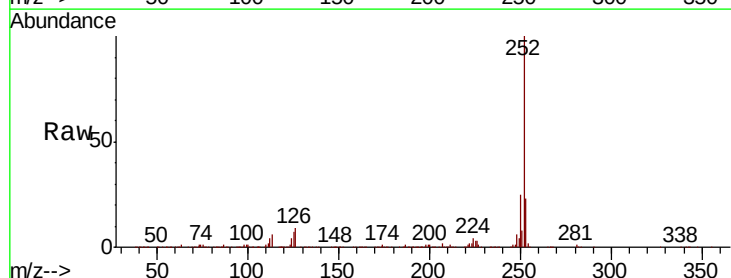
Instrument :
BNA_G
ClientSampleId :

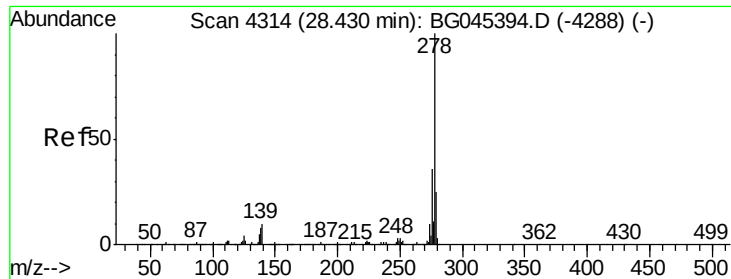
Tot Ion:252 Resp: 1069081
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 6.8 5.7 8.5



#90
Benzo(a)pyrene
Concen: 47.690 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion:252 Resp: 1012268
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 7.5 5.0 7.6

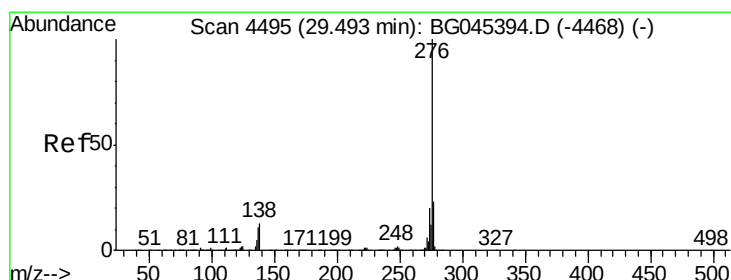
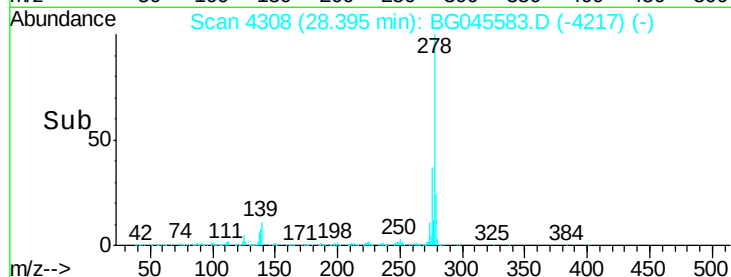
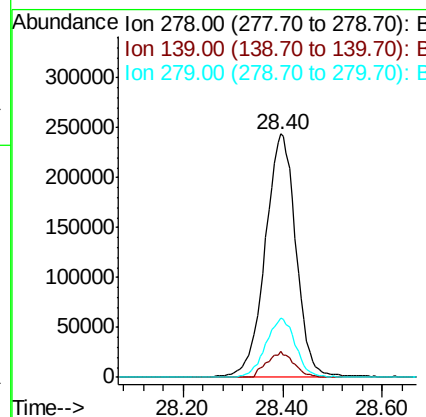
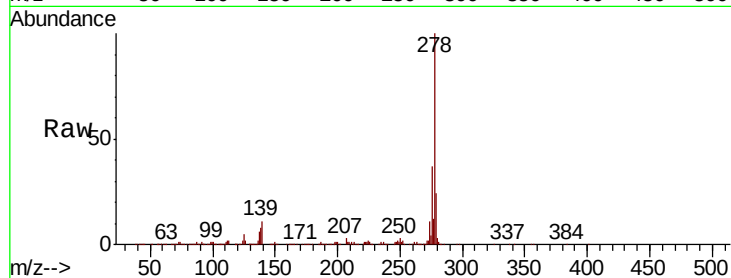




#91
Dibenzo(a,h)anthracene
Concen: 48.844 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1041843
Ion Ratio Lower Upper
278 100
139 10.6 7.8 11.8
279 24.1 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 49.580 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045583.D
Acq: 3 Jun 2020 16:19

Tgt Ion:276 Resp: 1057663
Ion Ratio Lower Upper
276 100
277 24.8 18.1 27.1
138 12.1 10.2 15.4

