

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045595.D
 Acq On : 4 Jun 2020 2:24
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 04 04:14:50 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	70441	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	293474	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	213231	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	492444	20.00	ng	0.00
76) Chrysene-d12	21.61	240	442697	20.00	ng	0.00
87) Perylene-d12	24.75	264	480305	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	311753	86.49	ng	0.00
7) Phenol-d6	7.15	99	465395	90.72	ng	0.00
23) Nitrobenzene-d5	9.12	82	458757	85.24	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	219760	80.59	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1039046	82.65	ng	0.00
79) Terphenyl-d14	19.96	244	1623571	85.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	69376	38.814	ng	97
3) Pyridine	3.80	79	205973	41.377	ng	99
4) n-Nitrosodimethylamine	3.72	42	71578	43.941	ng	88
6) Aniline	7.28	93	290371	43.359	ng	98
8) 2-Chlorophenol	7.52	128	173533	43.902	ng	98
9) Benzaldehyde	7.08	77	135839	40.641	ng	97
10) Phenol	7.18	94	237308	44.882	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	178856	43.368	ng	98
12) 1,3-Dichlorobenzene	7.84	146	205426	43.247	ng	97
13) 1,4-Dichlorobenzene	7.99	146	208608	44.502	ng	96
14) 1,2-Dichlorobenzene	8.31	146	198806	44.095	ng	97
15) Benzyl Alcohol	8.20	79	193481	45.654	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	172450	44.052	ng	99
17) 2-Methylphenol	8.42	107	178220	45.033	ng	99
18) Hexachloroethane	9.04	117	80793	45.001	ng	85
19) n-Nitroso-di-n-propylamine	8.76	70	158961	44.808	ng	99
20) 3+4-Methylphenols	8.75	107	241031	44.725	ng	93
22) Acetophenone	8.77	105	292521	42.055	ng	97
24) Nitrobenzene	9.16	77	246691	42.784	ng	98
25) Isophorone	9.68	82	449538	42.415	ng	100
26) 2-Nitrophenol	9.87	139	108041	43.802	ng	97
27) 2,4-Dimethylphenol	9.95	122	156726	42.841	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	237936	42.807	ng	95
29) 2,4-Dichlorophenol	10.43	162	189215	43.799	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	224683	44.014	ng	97
31) Naphthalene	10.81	128	583592	42.674	ng	99
32) Benzoic acid	10.13	122	100971	42.131	ng	92
33) 4-Chloroaniline	10.92	127	246112	43.053	ng	97
34) Hexachlorobutadiene	11.10	225	159732	44.267	ng	97
35) Caprolactam	11.69	113	65785	41.487	ng	86
36) 4-Chloro-3-methylphenol	12.07	107	214495	44.062	ng	95
37) 2-Methylnaphthalene	12.42	142	443296	43.490	ng	99
38) 1-Methylnaphthalene	12.64	142	413271	42.921	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	249014	41.810	ng	100

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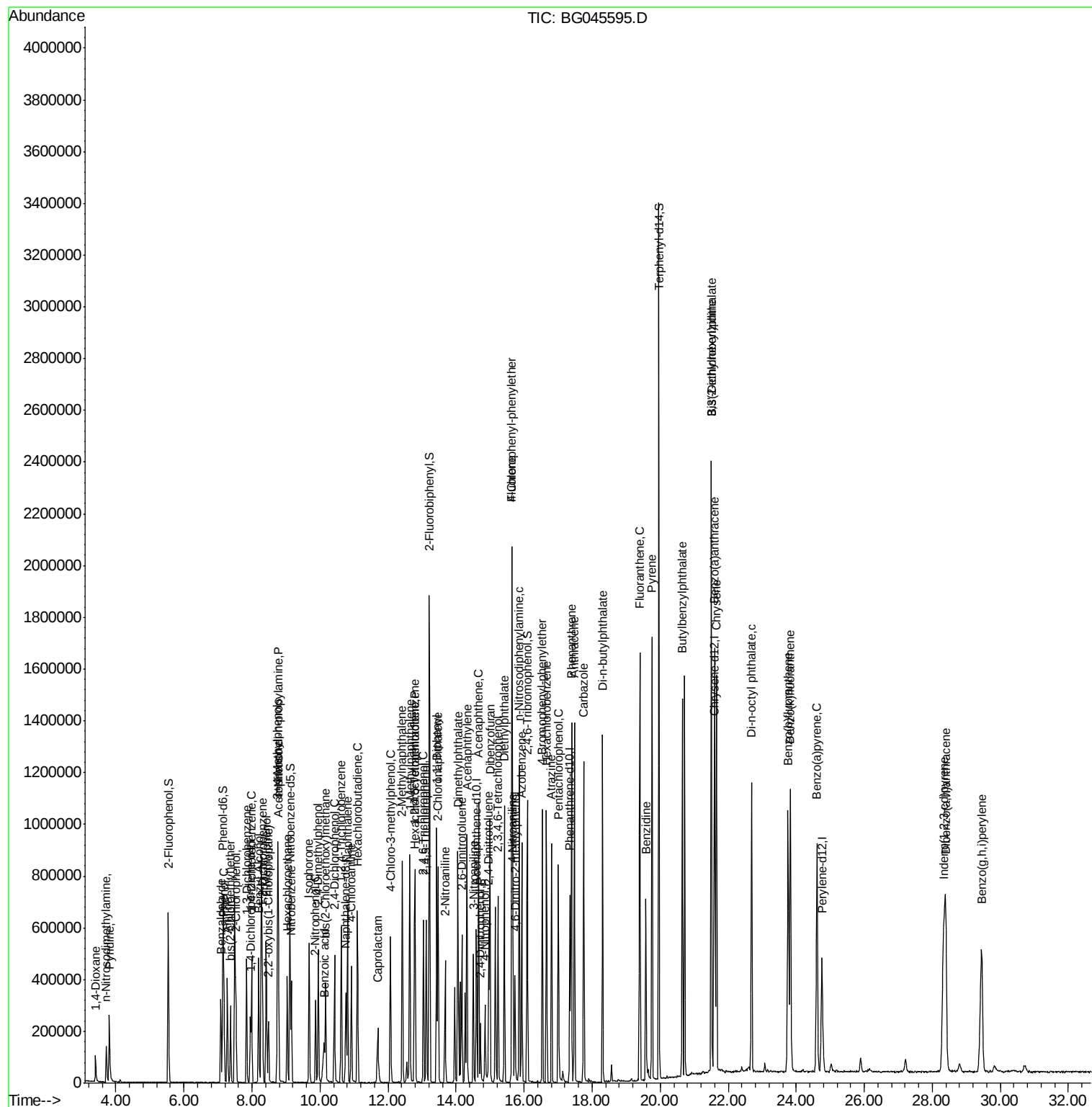
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	109038	31.719	ng	97
43) 2,4,6-Trichlorophenol	13.04	196	173663	41.975	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	192024	40.615	ng	98
46) 1,1'-Biphenyl	13.43	154	539391	41.168	ng	98
47) 2-Chloronaphthalene	13.47	162	436474	41.024	ng	99
48) 2-Nitroaniline	13.67	65	143928	41.125	ng	94
49) Acenaphthylene	14.32	152	703284	41.153	ng	99
50) Dimethylphthalate	14.06	163	587874	40.190	ng	100
51) 2,6-Dinitrotoluene	14.17	165	133979	40.591	ng	96
52) Acenaphthene	14.66	154	420204	36.733	ng	99
53) 3-Nitroaniline	14.51	138	135381	40.348	ng	99
54) 2,4-Dinitrophenol	14.71	184	63212	32.699	ng	96
55) Dibenzofuran	15.00	168	696044	40.973	ng	99
56) 4-Nitrophenol	14.85	139	92359	36.358	ng	91
57) 2,4-Dinitrotoluene	14.96	165	192003	40.166	ng	98
58) Fluorene	15.65	166	575936	41.267	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	165740	39.846	ng	98
60) Diethylphthalate	15.42	149	605541	39.773	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	338050	42.329	ng	99
62) 4-Nitroaniline	15.67	138	140212	40.028	ng	96
63) Azobenzene	15.94	77	583601	41.109	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	109645	38.231	ng	95
66) n-Nitrosodiphenylamine	15.85	169	500772	42.354	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	233080	43.710	ng	94
68) Hexachlorobenzene	16.66	284	238447	42.754	ng	97
69) Atrazine	16.80	200	189467	38.905	ng	98
70) Pentachlorophenol	17.01	266	172983	59.734	ng	97
71) Phenanthrene	17.39	178	901415	41.930	ng	100
72) Anthracene	17.48	178	905022	41.921	ng	98
73) Carbazole	17.75	167	864028	41.058	ng	100
74) Di-n-butylphthalate	18.31	149	1016820	40.257	ng	99
75) Fluoranthene	19.40	202	1084831	39.673	ng	100
77) Benzidine	19.58	184	463308	37.263	ng	99
78) Pyrene	19.76	202	1075093	42.602	ng	100
80) Butylbenzylphthalate	20.65	149	450942	41.399	ng	98
81) Benzo(a)anthracene	21.59	228	1047929	42.493	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	395210	40.854	ng	100
83) Chrysene	21.65	228	999817	42.164	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	625506	41.775	ng	99
85) Di-n-octyl phthalate	22.69	149	1051141	40.874	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1283689	41.398	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	1105942	42.934	ng	99
89) Benzo(k)fluoranthene	23.82	252	1048593	43.329	ng	98
90) Benzo(a)pyrene	24.61	252	1031239	42.986	ng	98
91) Dibenzo(a,h)anthracene	28.40	278	1039191	43.106	ng	97
92) Benzo(g,h,i)perylene	29.45	276	1018578	42.245	ng	97

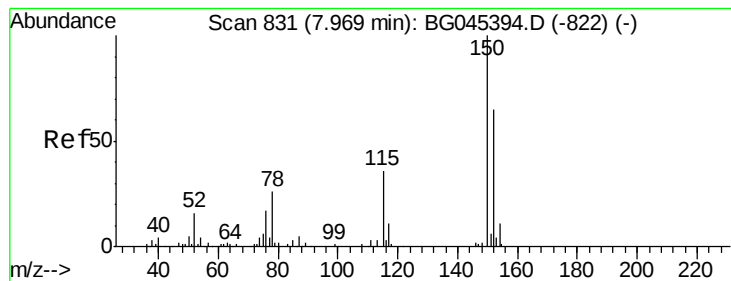
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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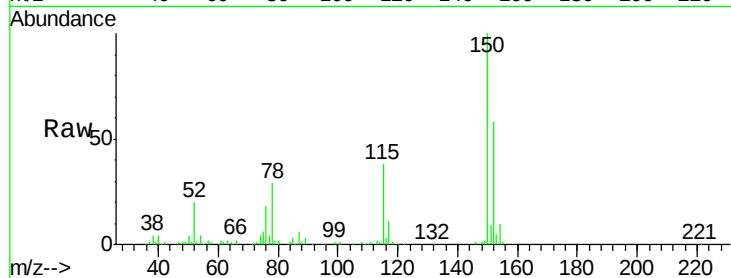


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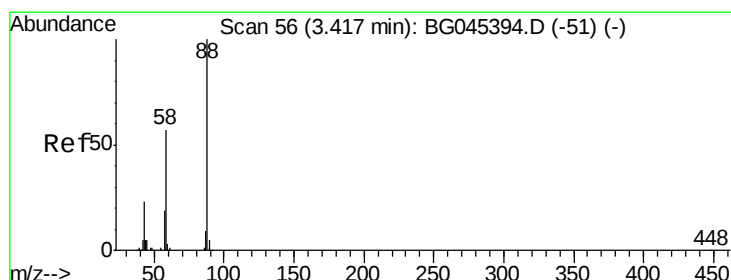
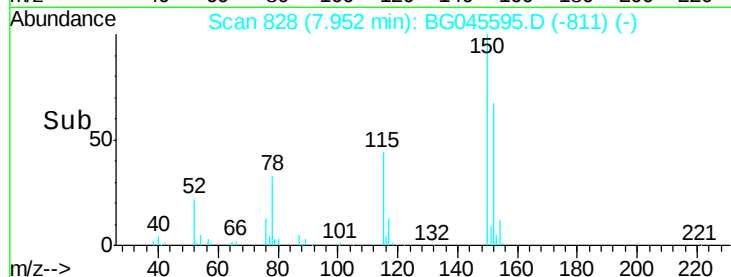
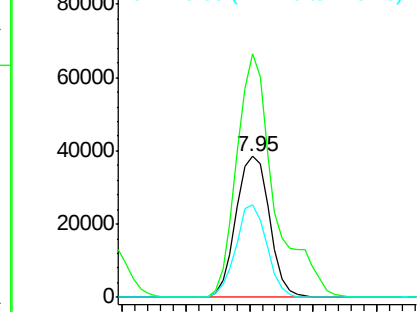
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 70441
Ion Ratio Lower Upper
152 100
150 172.9 122.4 183.6
115 65.4 44.2 66.4



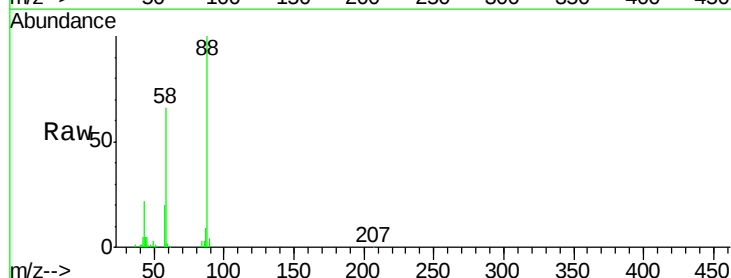
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



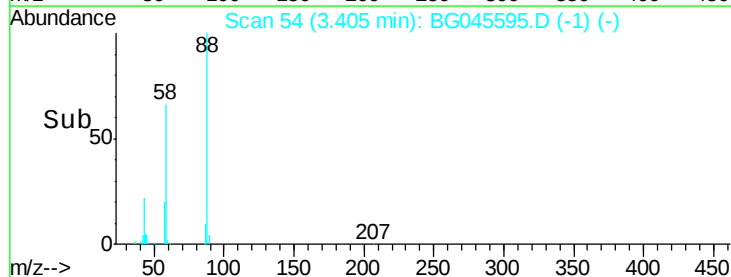
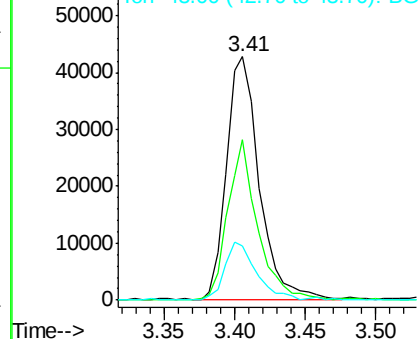
#2

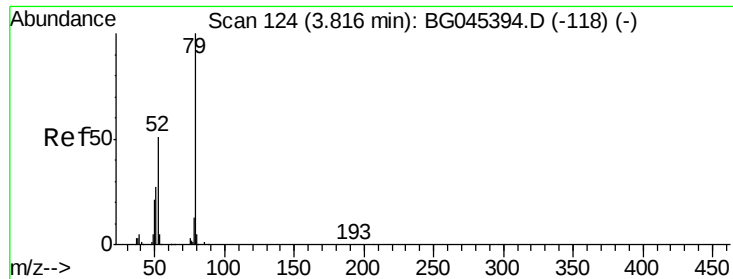
1,4-Dioxane
Concen: 38.814 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion: 88 Resp: 69376
Ion Ratio Lower Upper
88 100
58 59.2 45.7 68.5
43 22.9 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: 41.377 ng

RT: 3.80 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

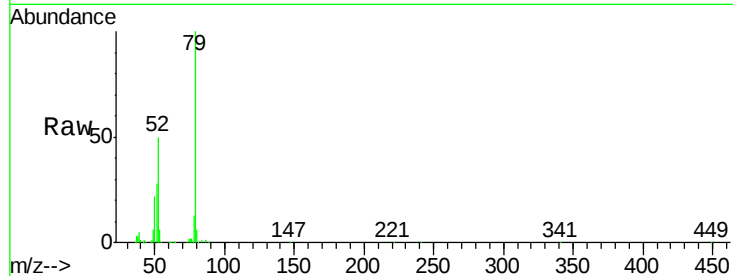
Tot Ion: 79 Resp: 205973

Ion Ratio Lower Upper

79 100

52 50.3 40.8 61.2

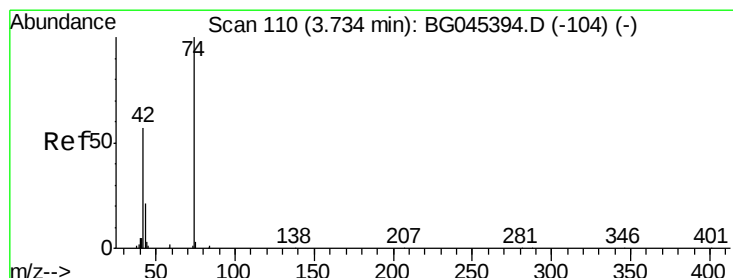
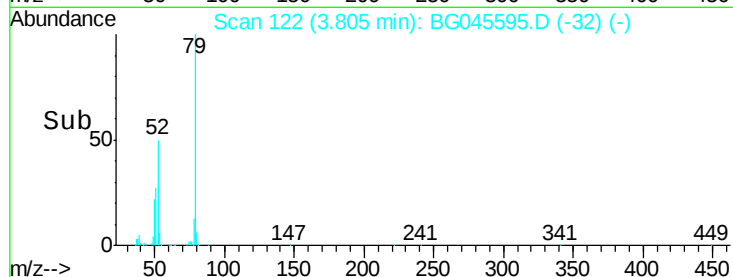
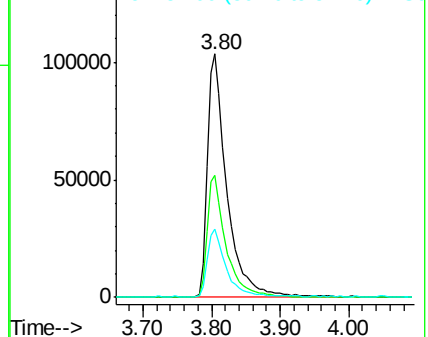
51 27.8 21.9 32.9



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: 43.941 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

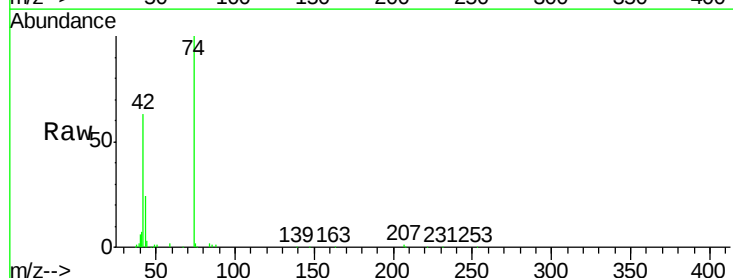
Tgt Ion: 42 Resp: 71578

Ion Ratio Lower Upper

42 100

74 160.0 141.3 211.9

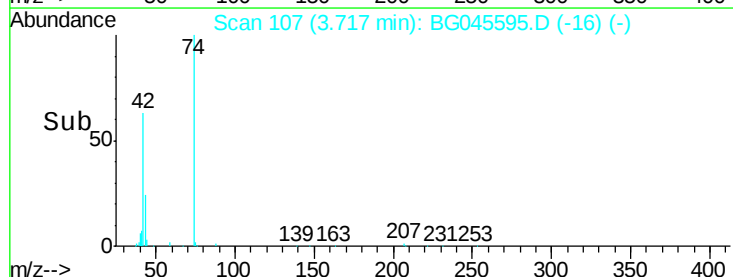
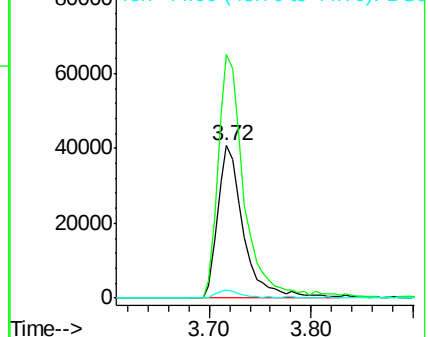
44 4.9 4.2 6.4



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: 86.492 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampled :

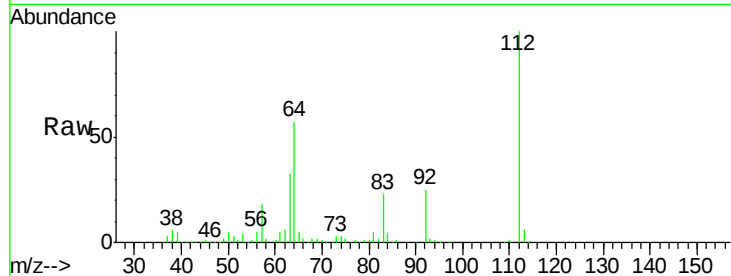
Tot Ion:112 Resp: 311753

Ion Ratio Lower Upper

112 100

64 56.7 48.6 72.8

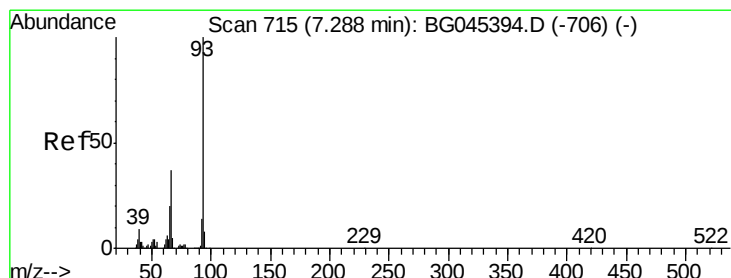
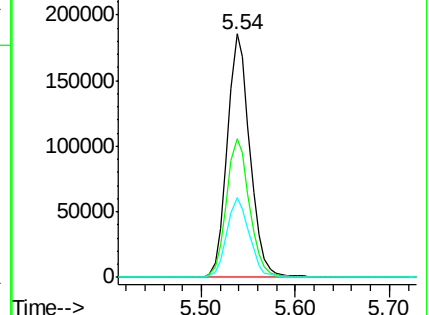
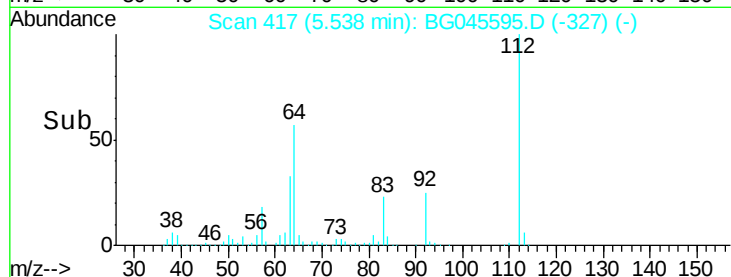
63 32.7 26.5 39.7



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: 43.359 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

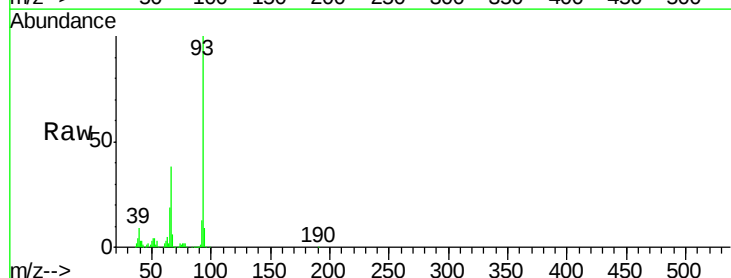
Tgt Ion: 93 Resp: 290371

Ion Ratio Lower Upper

93 100

66 38.0 29.6 44.4

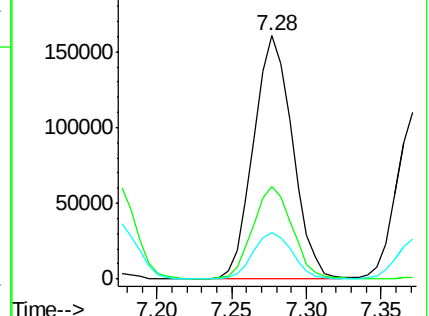
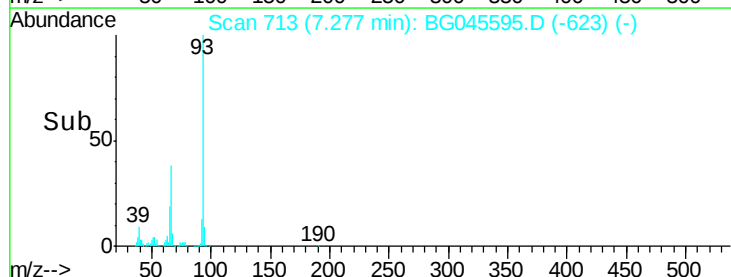
65 19.0 15.9 23.9



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: 90.717 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

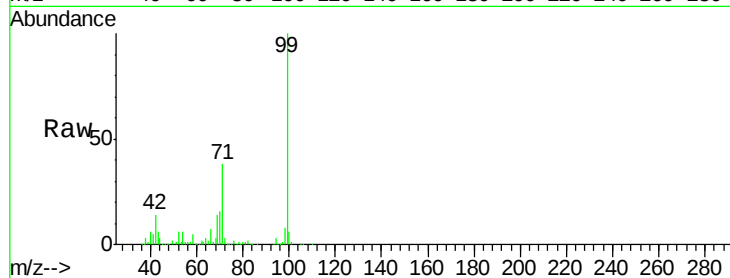
Tot Ion: 99 Resp: 465395

Ion Ratio Lower Upper

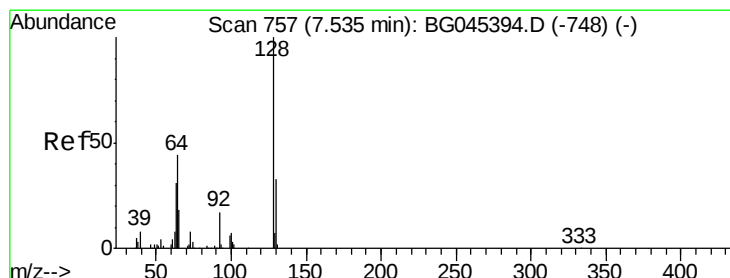
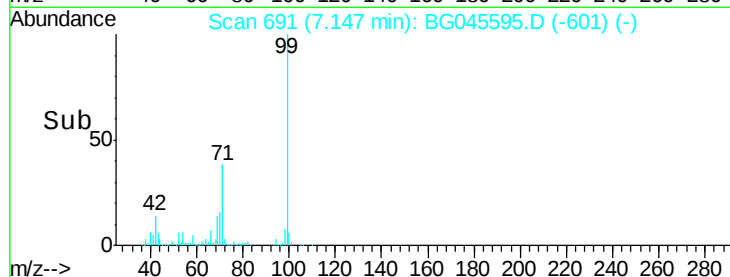
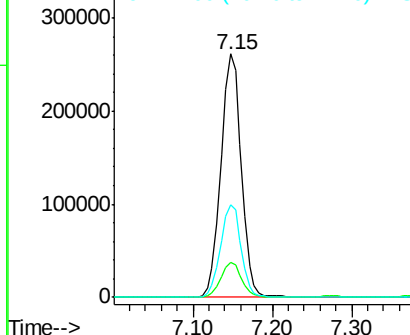
99 100

42 14.3 11.3 16.9

71 38.2 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: 43.902 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

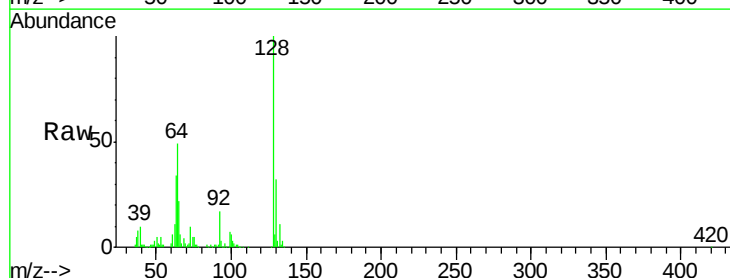
Tgt Ion: 128 Resp: 173533

Ion Ratio Lower Upper

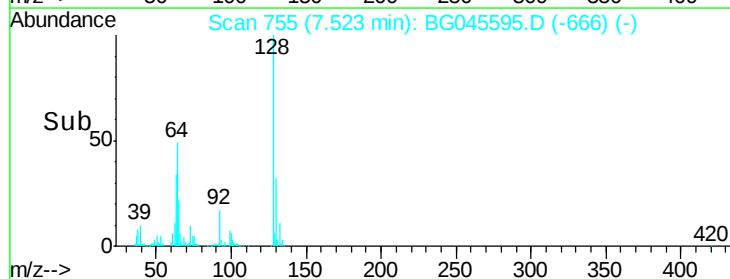
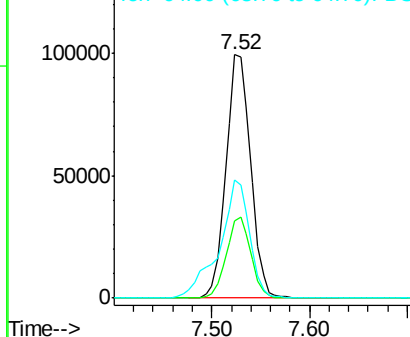
128 100

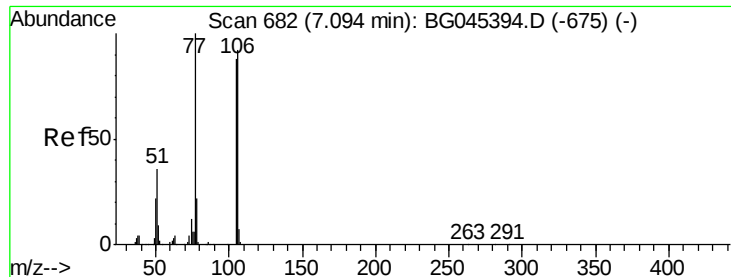
130 31.8 12.6 52.6

64 48.6 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: 40.641 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

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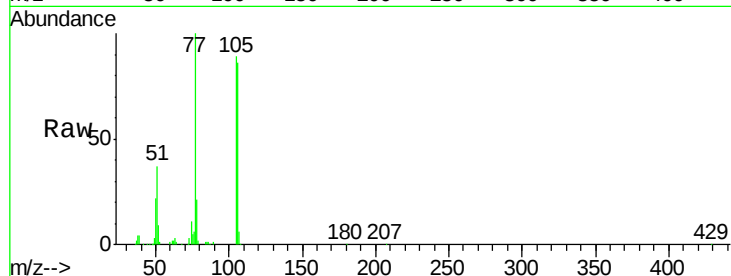
Tot Ion: 77 Resp: 135839

Ion Ratio Lower Upper

77 100

105 88.9 68.5 108.5

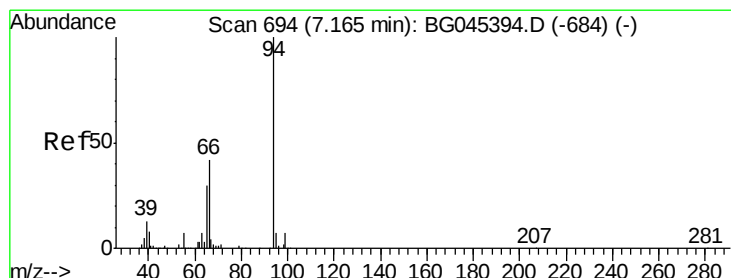
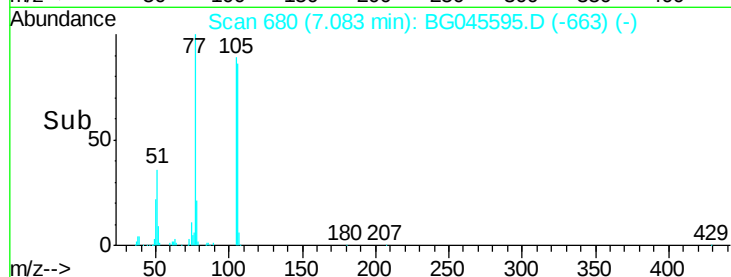
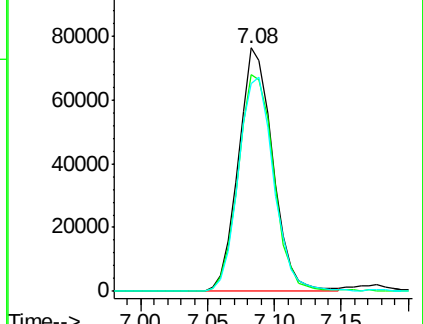
106 85.6 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.882 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

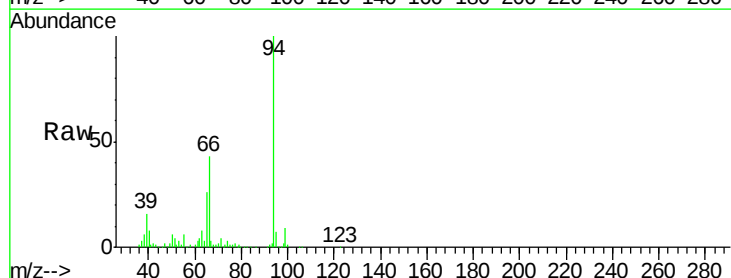
Tgt Ion: 94 Resp: 237308

Ion Ratio Lower Upper

94 100

65 26.2 9.8 49.8

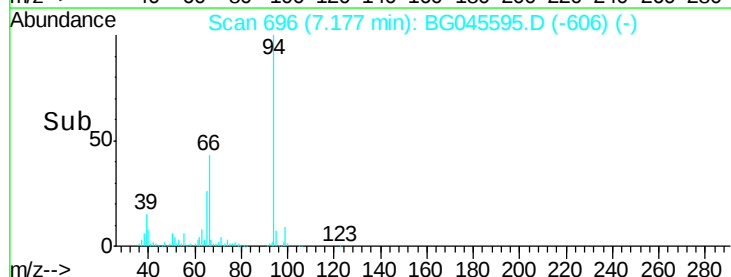
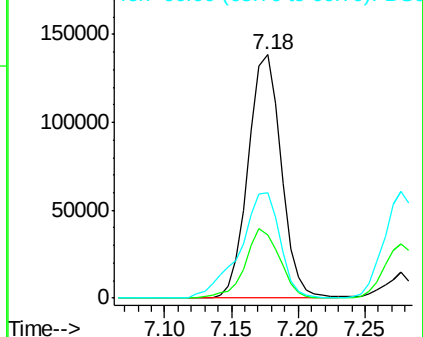
66 43.5 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

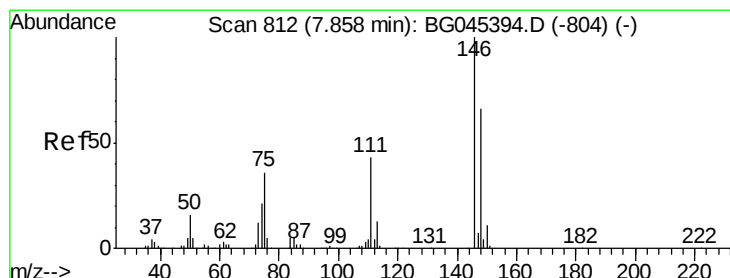
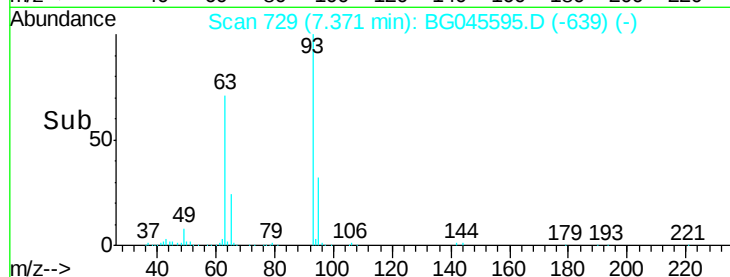
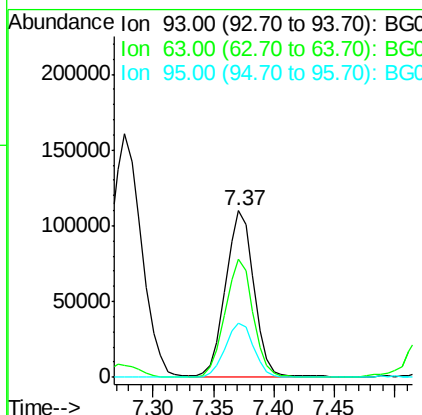
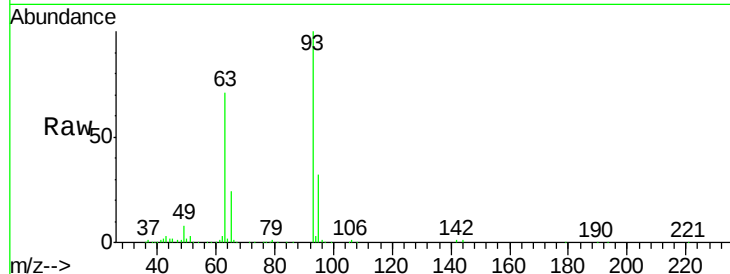




#11
bis(2-Chloroethyl)ether
Concen: 43.368 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

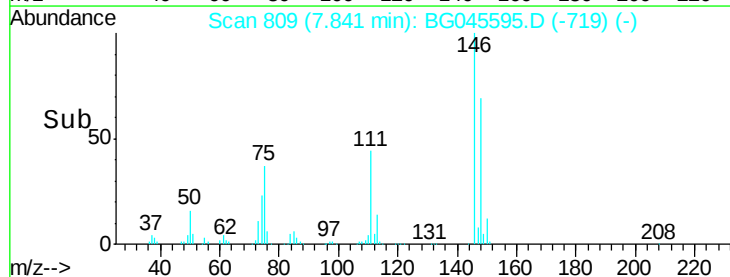
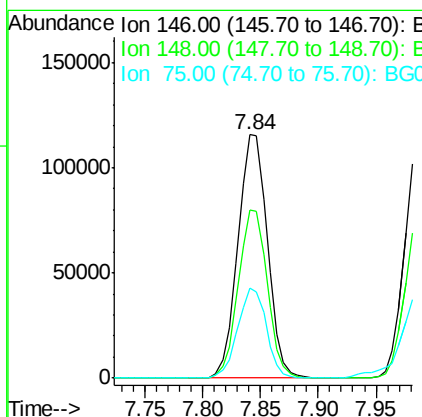
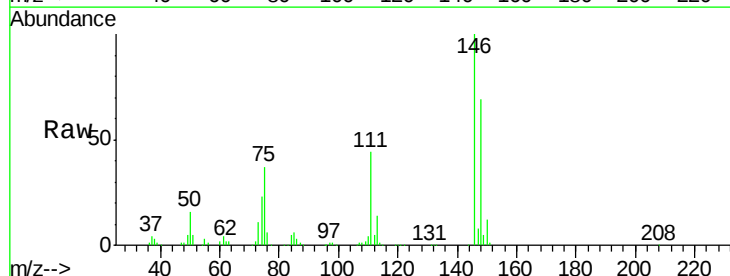
Instrument :
BNA_G
ClientSampleId :

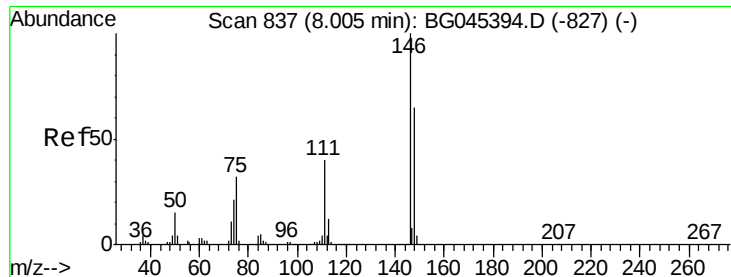
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	48.4	88.4
95	32.5	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 43.247 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	53.2	79.8
75	36.9	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 44.502 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045595.D

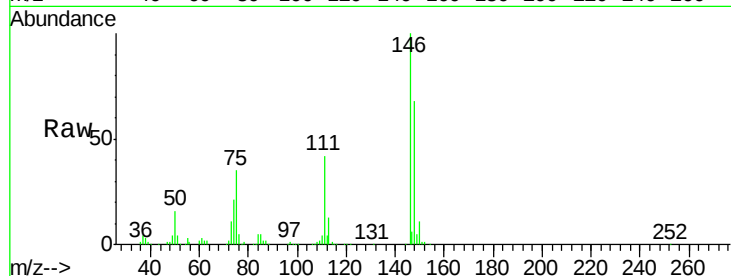
Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

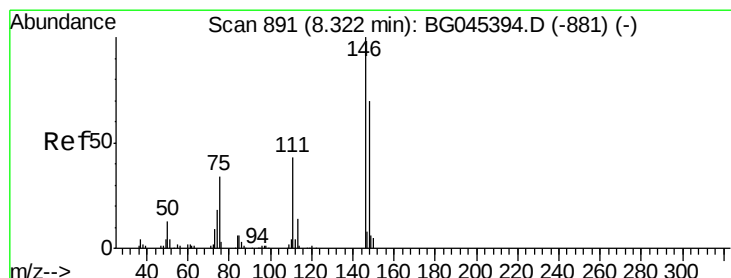
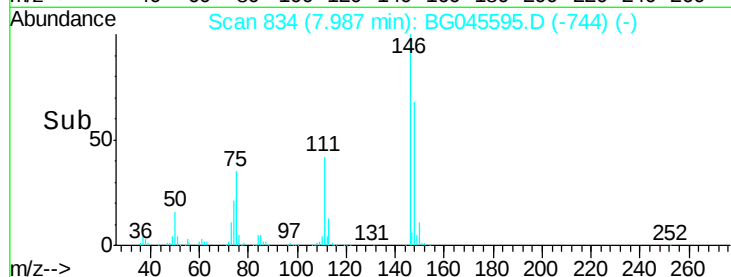
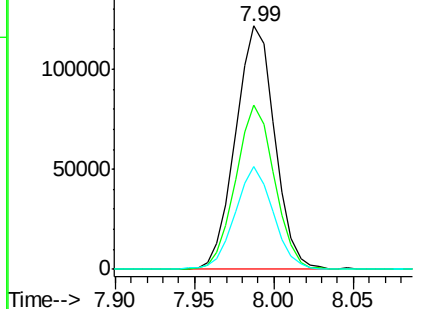
Tot Ion:146	Resp:	208608
Ion Ratio	Lower	Upper
146	100	
148	67.7	51.8 77.8
111	42.2	32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.095 ng

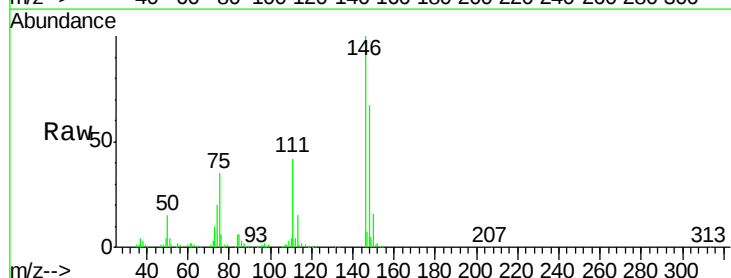
RT: 8.31 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

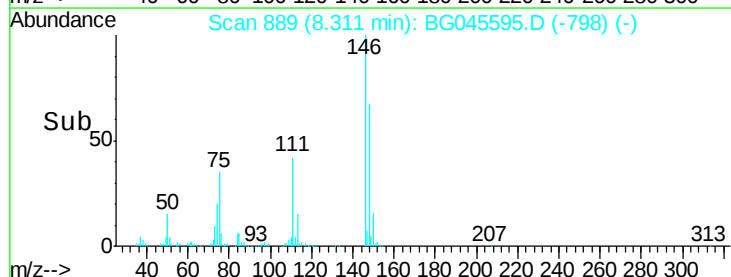
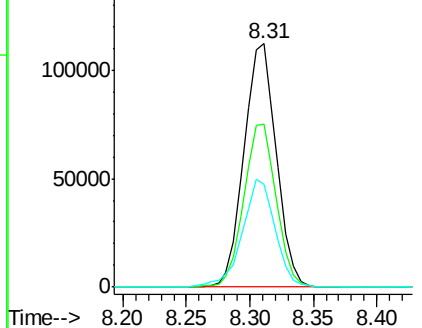
Tgt Ion:146	Resp:	198806
Ion Ratio	Lower	Upper
146	100	
148	66.8	55.9 83.9
111	42.4	35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.654 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampled :

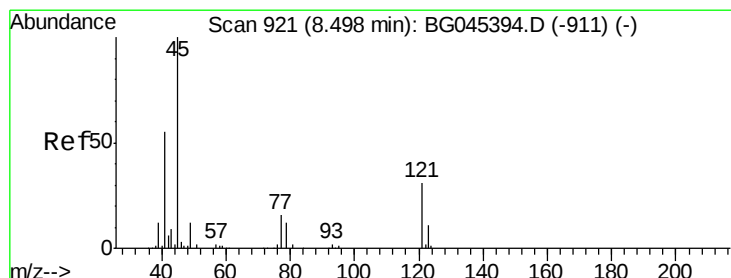
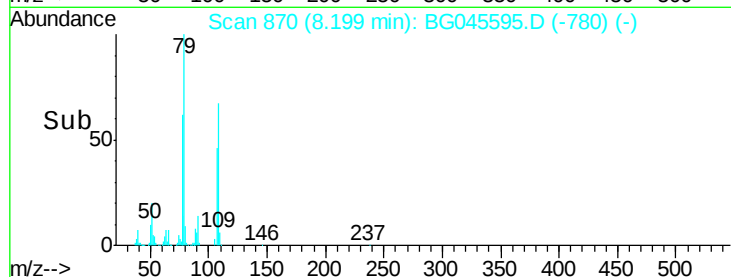
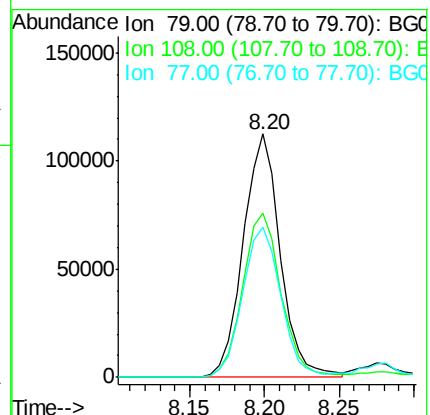
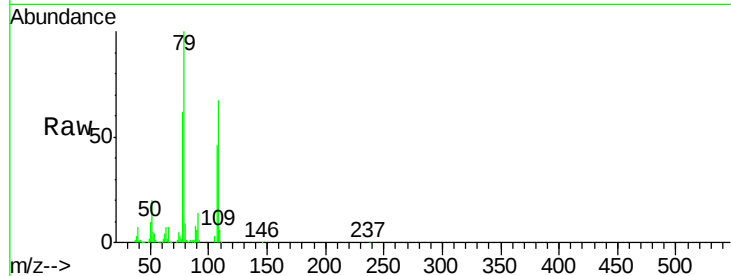
Tot Ion: 79 Resp: 193481

Ion Ratio Lower Upper

79 100

108 67.2 58.2 87.4

77 61.9 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.052 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

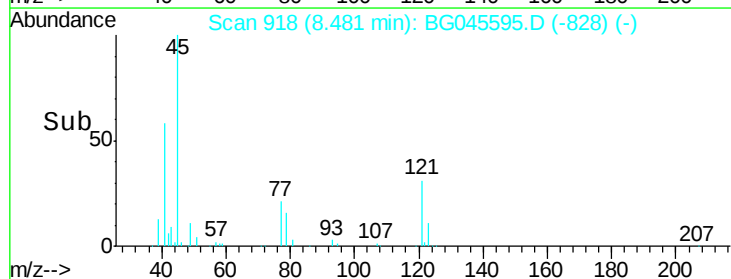
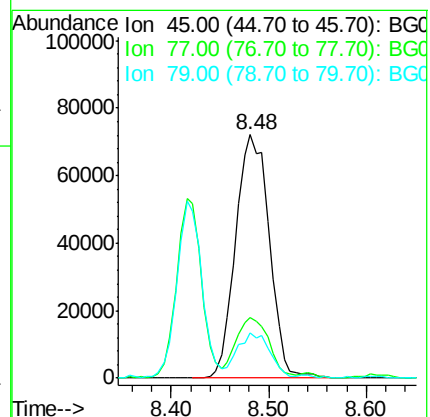
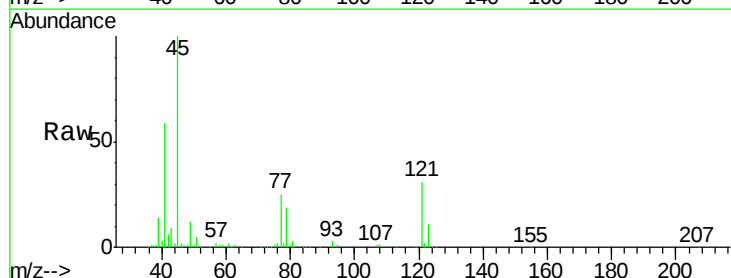
Tgt Ion: 45 Resp: 172450

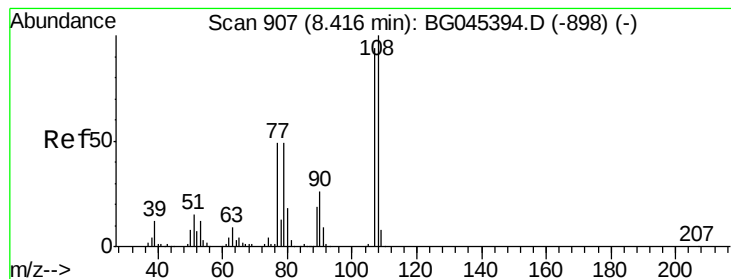
Ion Ratio Lower Upper

45 100

77 24.6 4.0 44.0

79 18.5 0.0 38.6

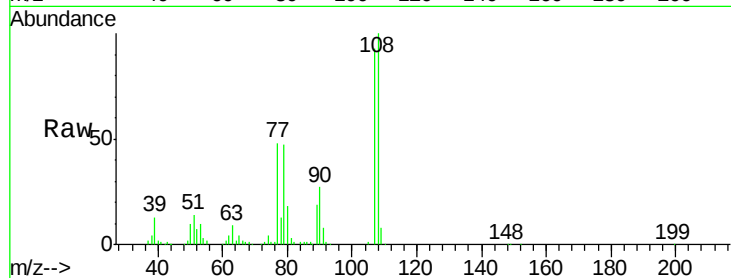




#17
2-Methylphenol
Concen: 45.033 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	85.2	127.8
77	51.7	41.6	62.4
79	50.9	41.8	62.8



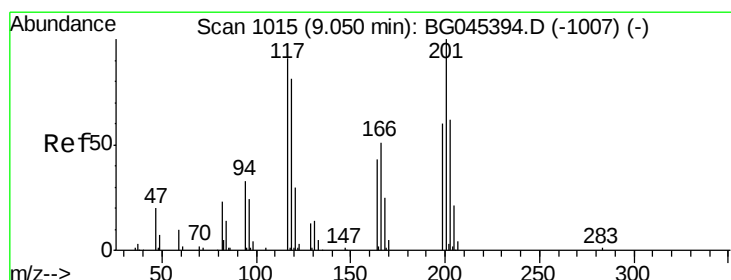
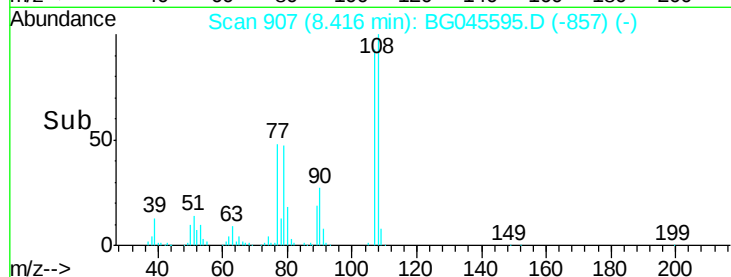
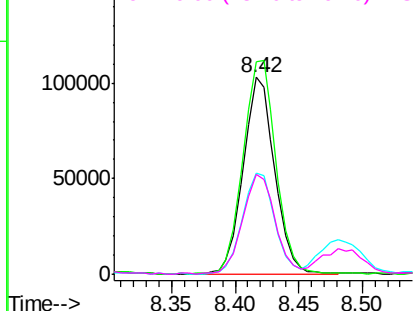
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

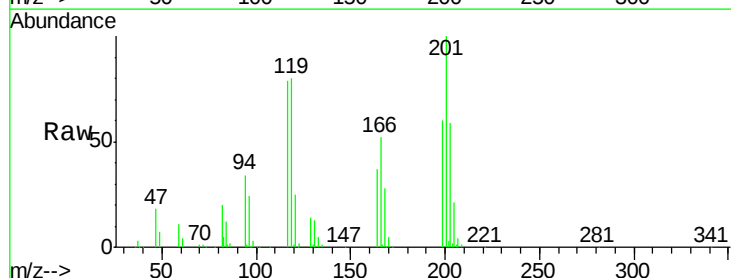
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.001 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.4	71.3	106.9
201	127.0	87.5	131.3

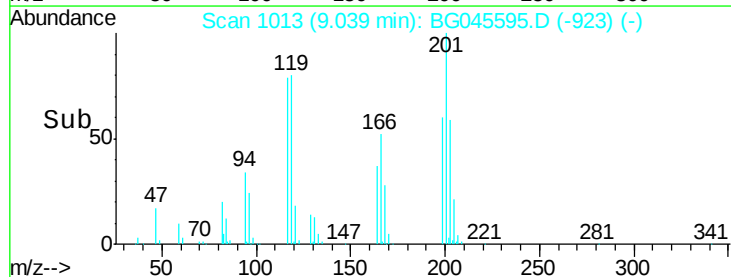
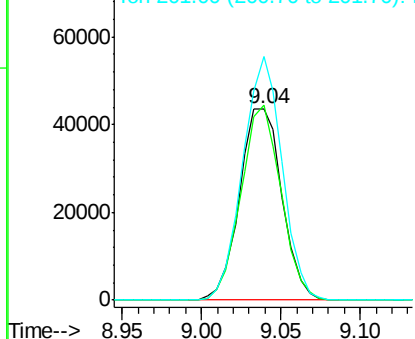


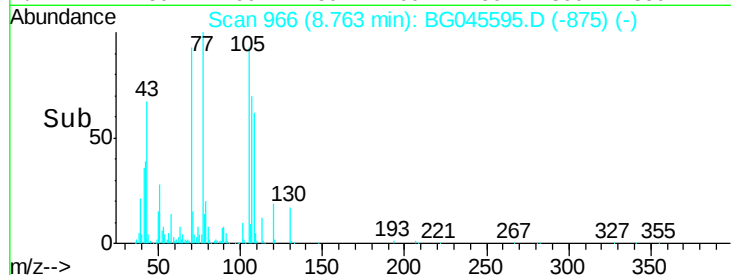
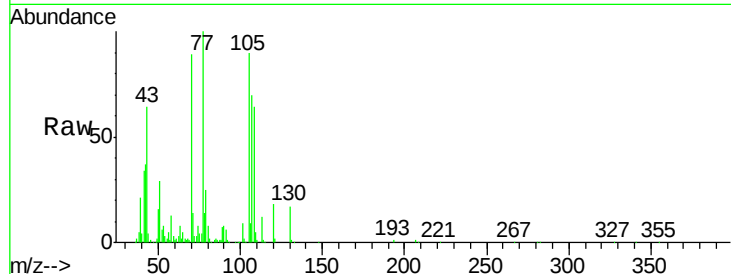
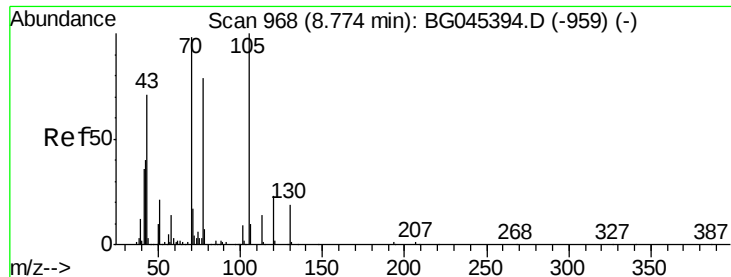
Abundance

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

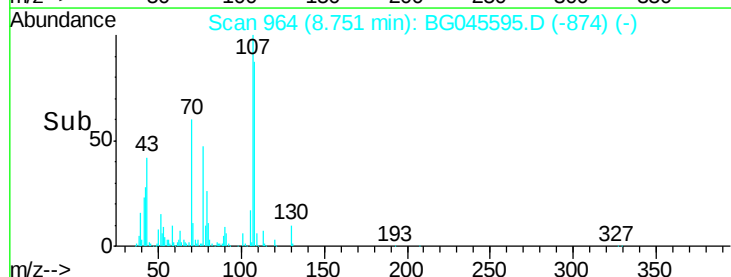
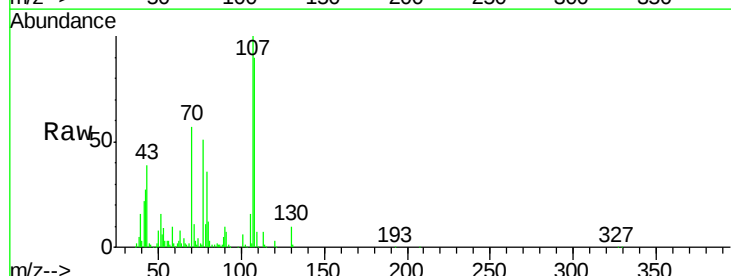
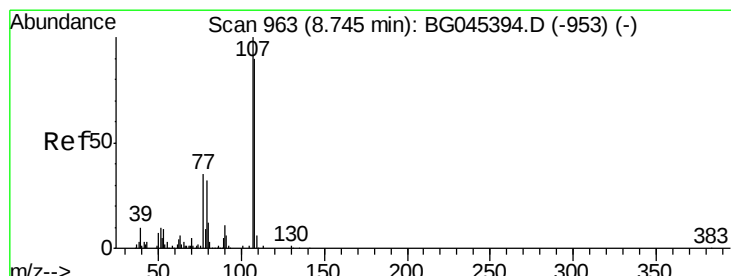
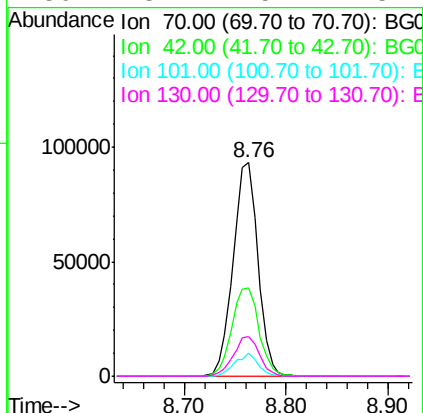




#19
n-Nitroso-di-n-propylamine
Concen: 44.808 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

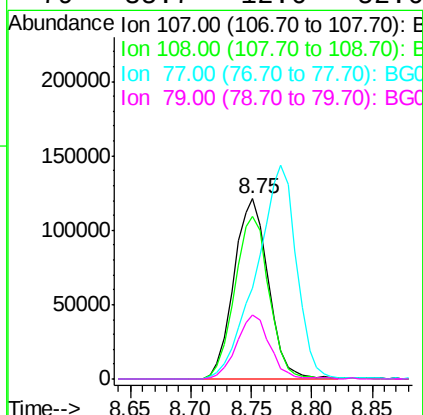
Instrument :
BNA_G
ClientSampleId :

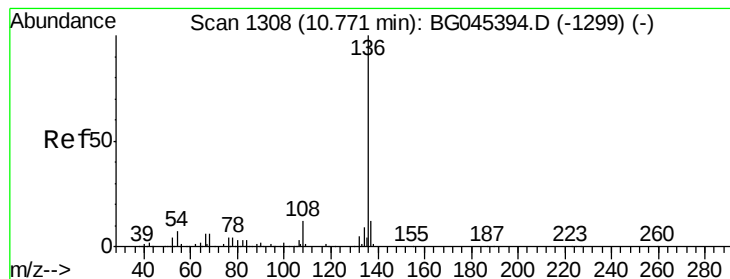
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.5	33.2	49.8
101	10.5	7.8	11.6
130	18.7	15.4	23.2



#20
3+4-Methylphenols
Concen: 44.725 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.3	110.3
77	50.7	15.4	55.4
79	35.7	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 293474

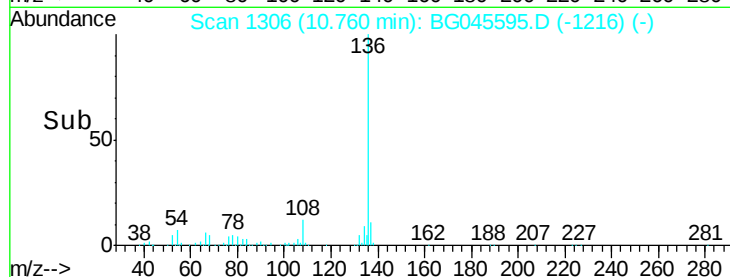
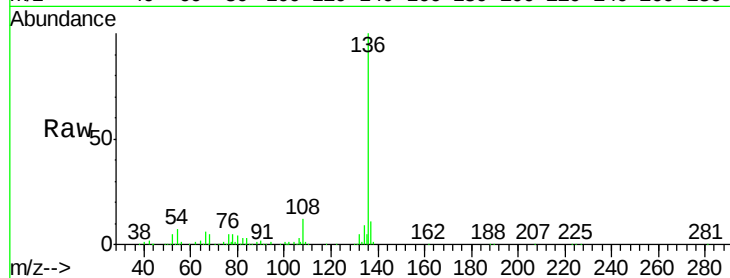
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 6.7 5.8 8.6

68 5.2 4.5 6.7

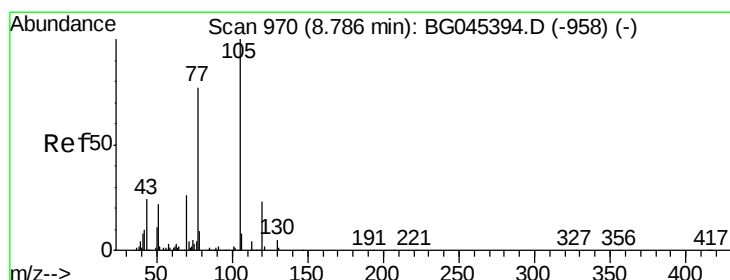
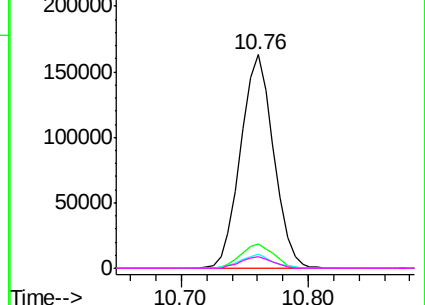


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.055 ng

RT: 8.77 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Tgt Ion:105 Resp: 292521

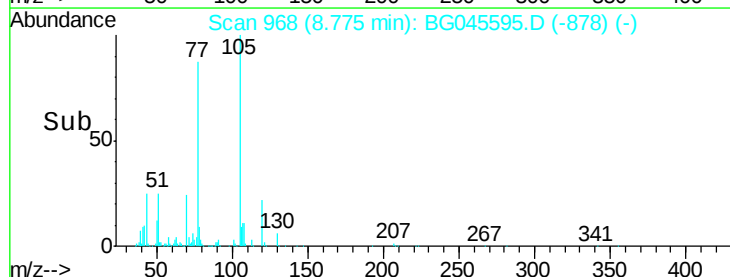
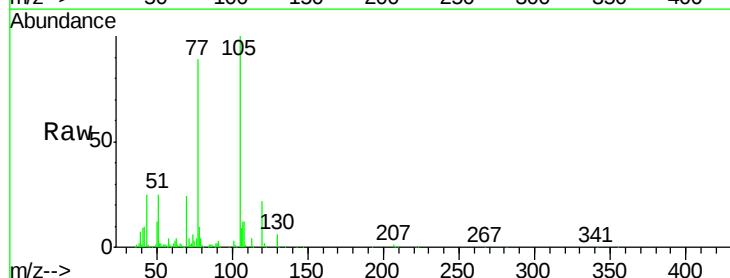
Ion Ratio Lower Upper

105 100

71 4.1 3.4 5.0

51 25.0 18.2 27.2

120 22.0 18.6 27.8

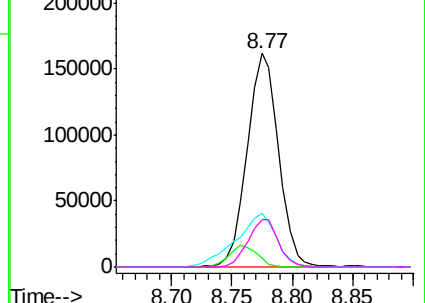


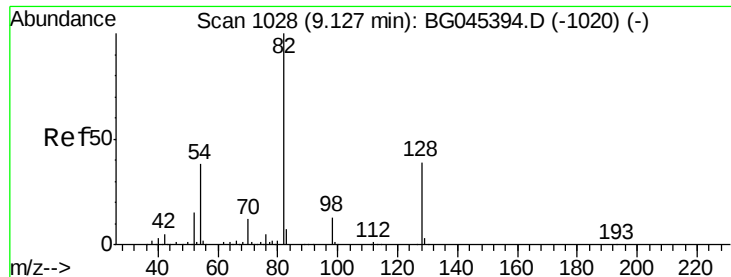
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

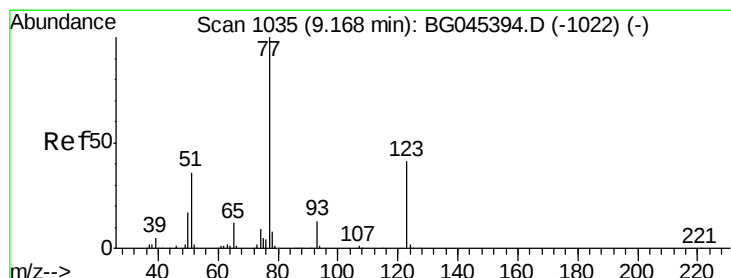
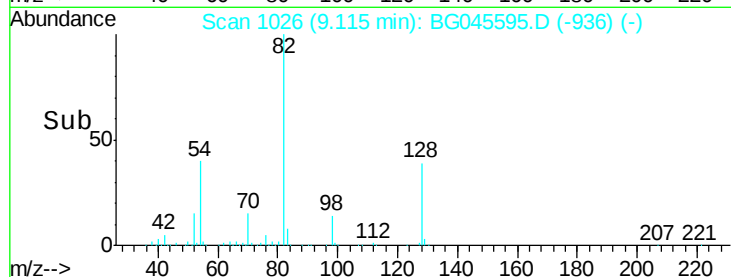
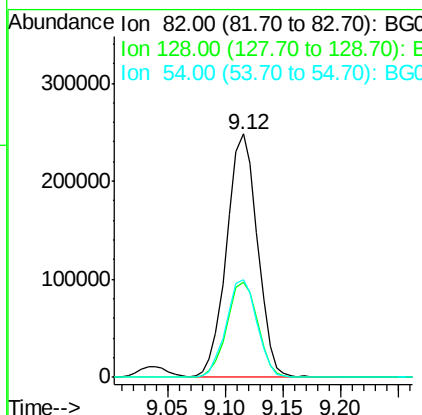
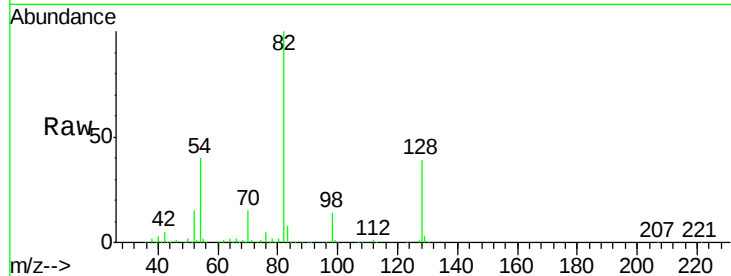




#23
Nitrobenzene-d5
Concen: 85.243 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

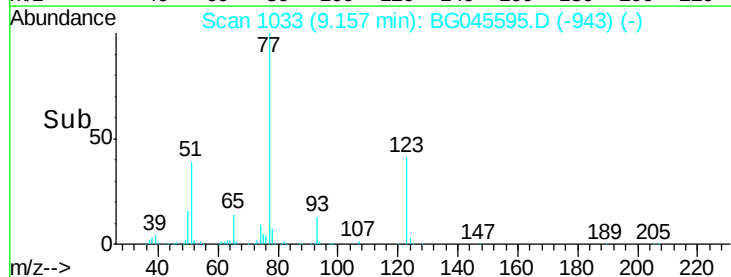
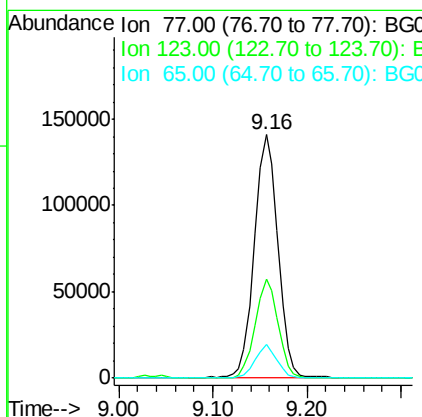
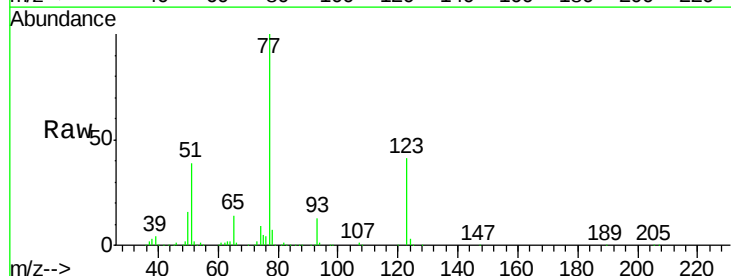
Instrument :
BNA_G
ClientSampleId :

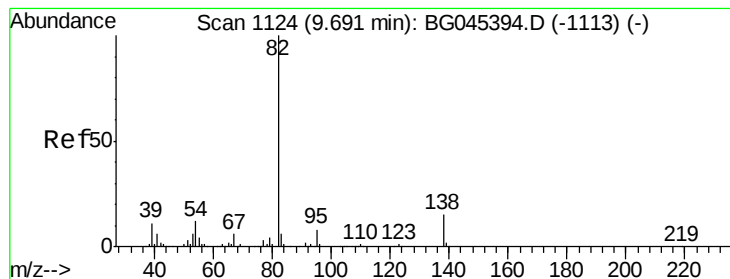
Tot Ion	82	Resp	458757
Ion Ratio	100	Lower	Upper
128	39.3	30.9	46.3
54	40.3	30.3	45.5



#24
Nitrobenzene
Concen: 42.784 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion	77	Resp	246691
Ion Ratio	100	Lower	Upper
123	40.6	32.9	49.3
65	13.6	9.4	14.2





#25

Isophorone

Concen: 42.415 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

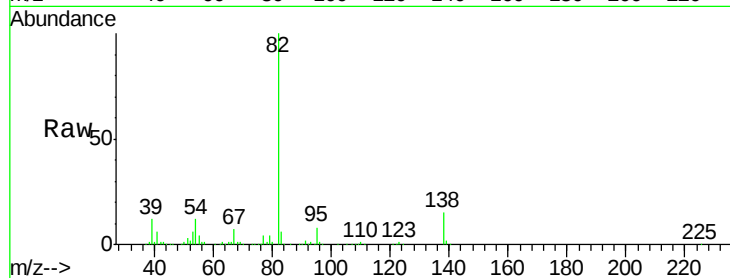
Tot Ion: 82 Resp: 449538

Ion Ratio Lower Upper

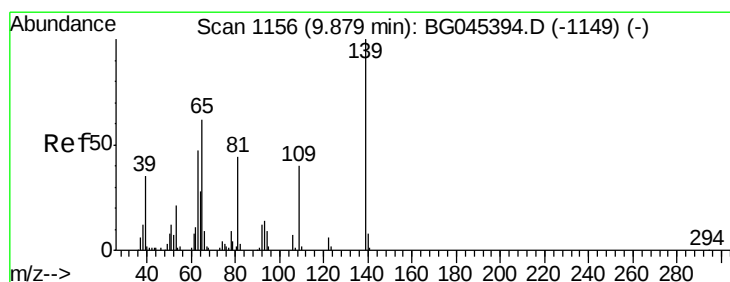
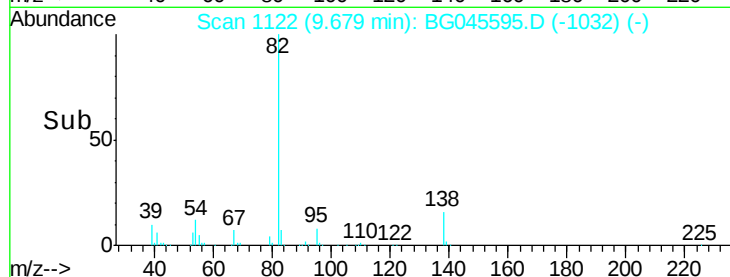
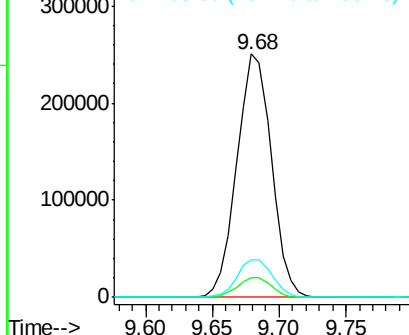
82 100

95 8.2 6.7 10.1

138 15.4 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: 43.802 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

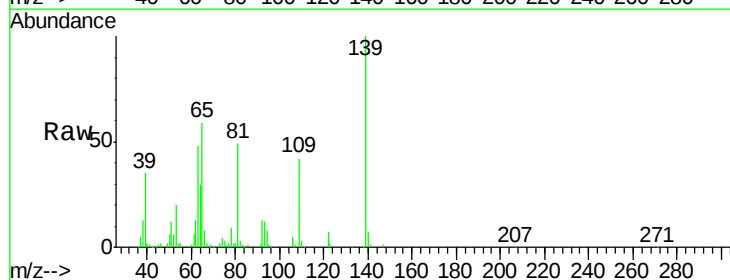
Tgt Ion: 139 Resp: 108041

Ion Ratio Lower Upper

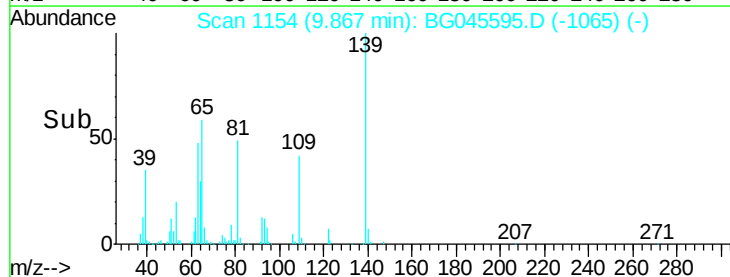
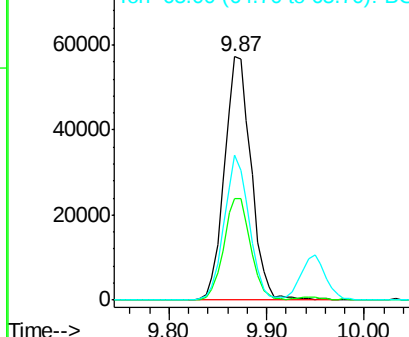
139 100

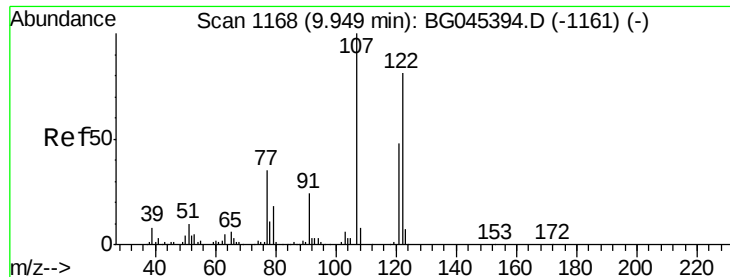
109 42.0 32.2 48.4

65 59.5 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

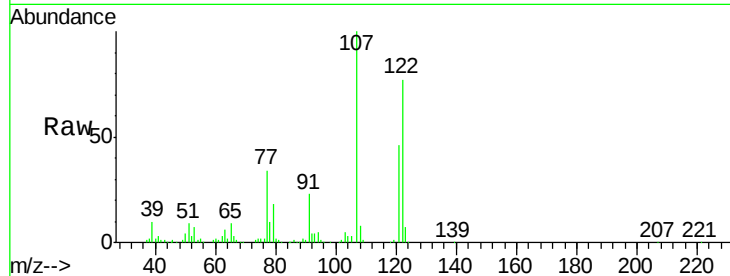




#27
 2,4-Dimethylphenol
 Concen: 42.841 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.2	99.0	148.4
121	59.8	47.7	71.5

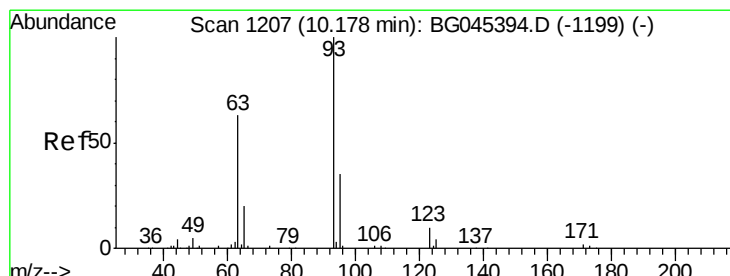
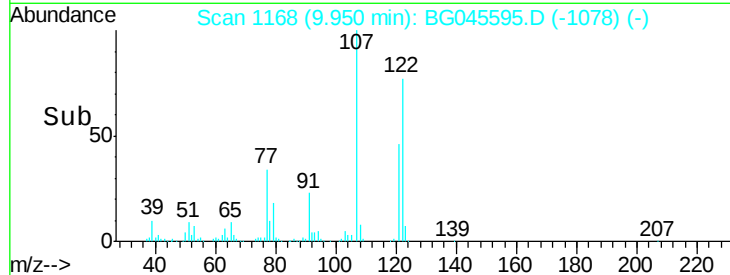
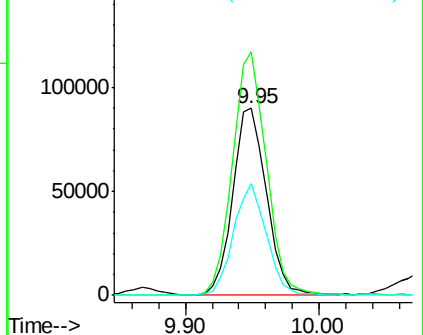


Abundance

Ion 122.00 (121.70 to 122.70): E

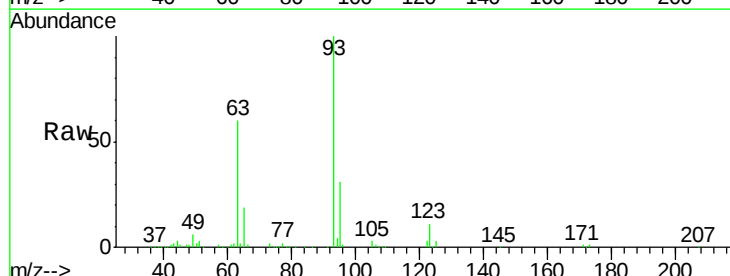
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.807 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	27.6	41.4
123	11.3	8.1	12.1

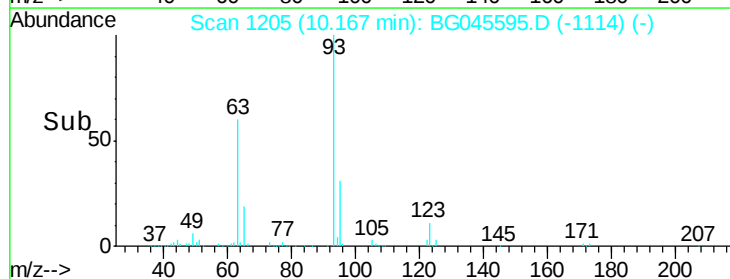
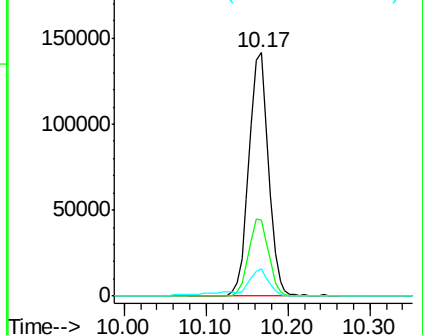


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

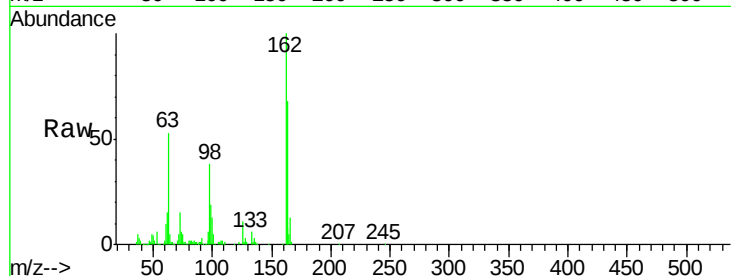




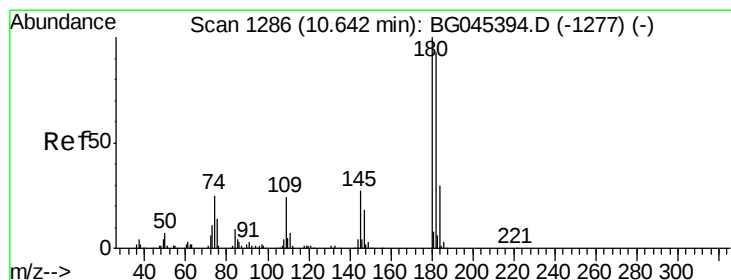
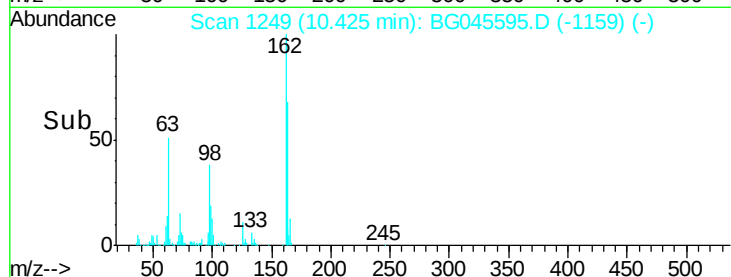
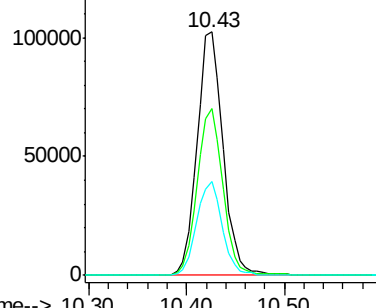
#29
 2,4-Dichlorophenol
 Concen: 43.799 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.5	46.8	86.8
98	38.4	15.2	55.2

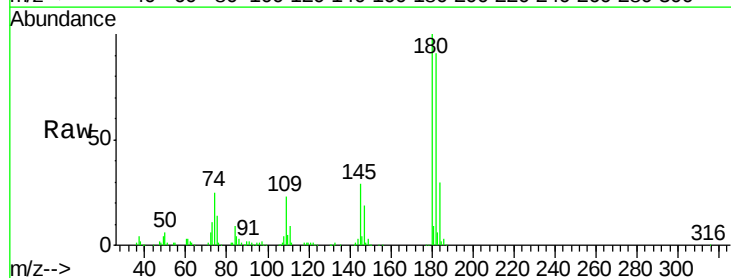


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

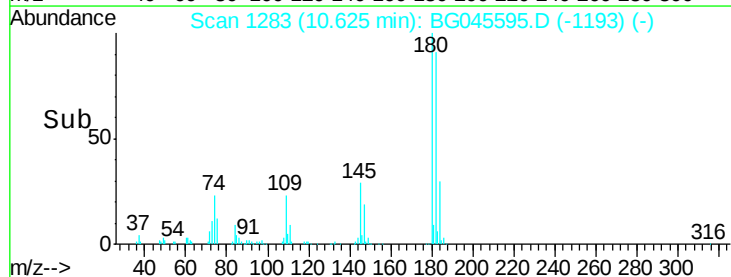
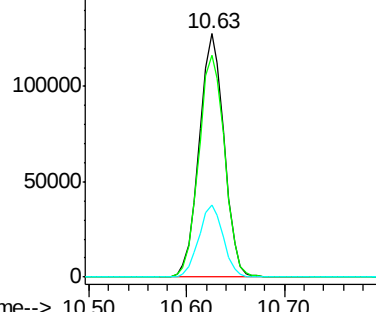


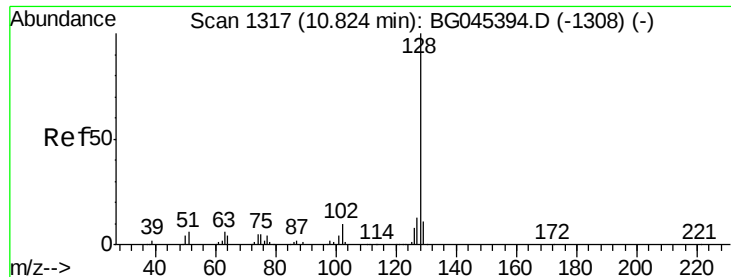
#30
 1,2,4-Trichlorobenzene
 Concen: 44.014 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	74.8	112.2
145	29.5	21.9	32.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

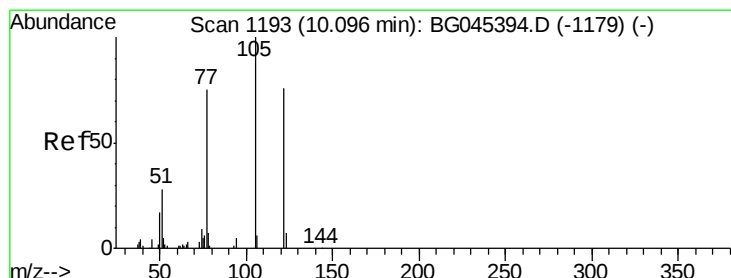
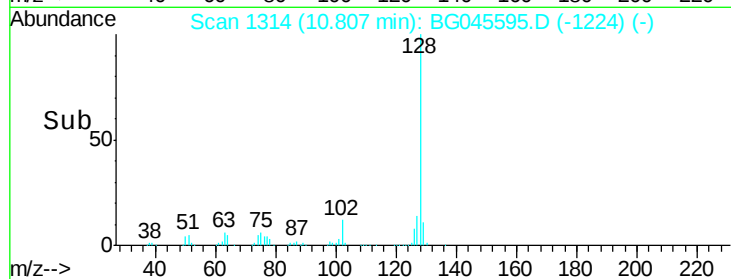
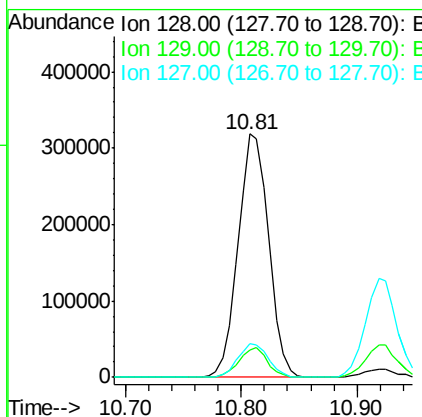
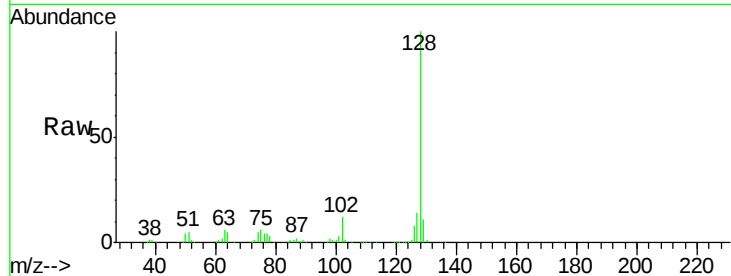




#31
Naphthalene
Concen: 42.674 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

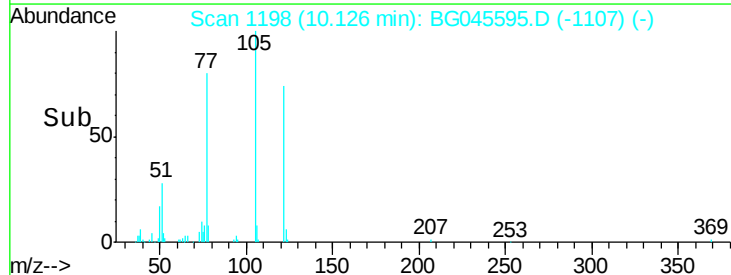
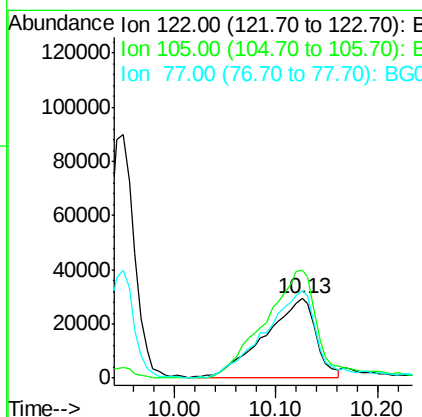
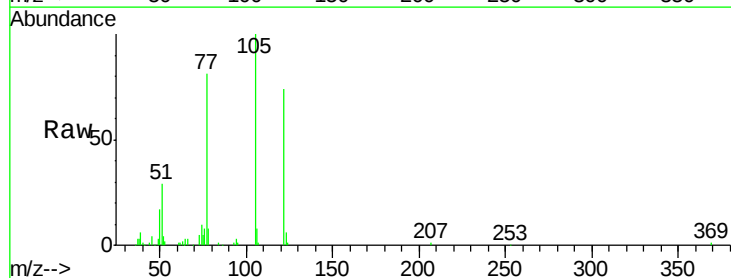
Instrument :
BNA_G
ClientSampleId :

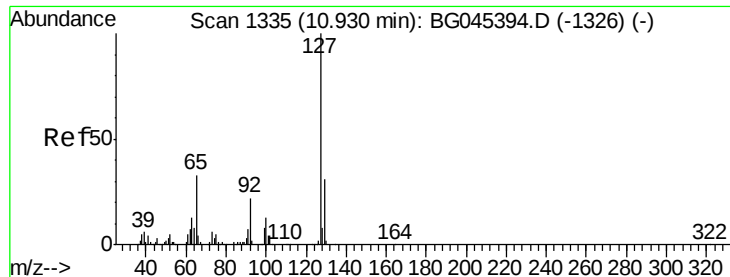
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.9	10.7	16.1



#32
Benzoic acid
Concen: 42.131 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.5	107.9	147.9
77	109.9	78.9	118.9

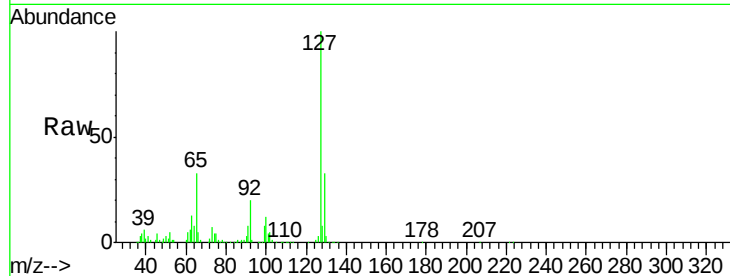




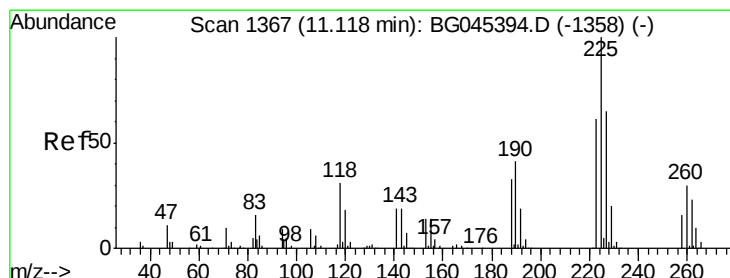
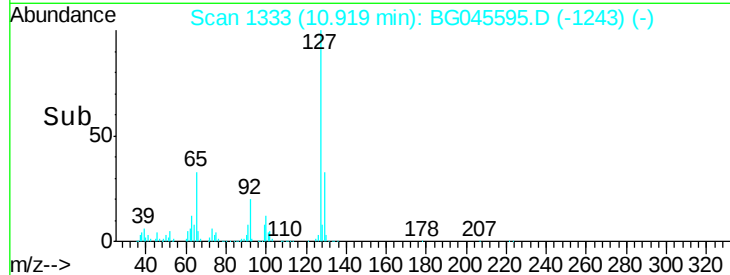
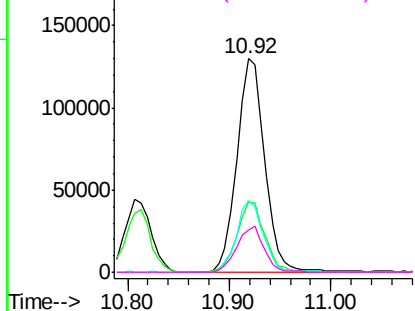
#33
4-Chloroaniline
Concen: 43.053 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	246112
Ion Ratio	Lower	Upper
127	100	
129	32.7	24.7 37.1
65	33.4	26.2 39.2
92	19.8	17.9 26.9

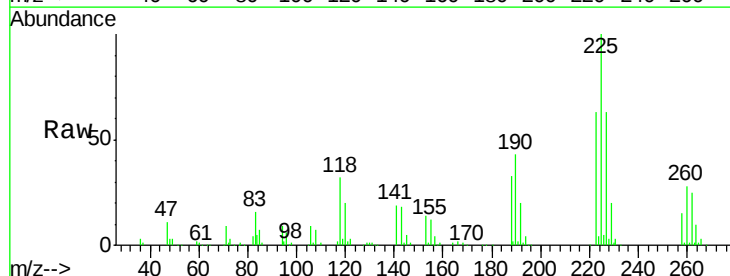


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

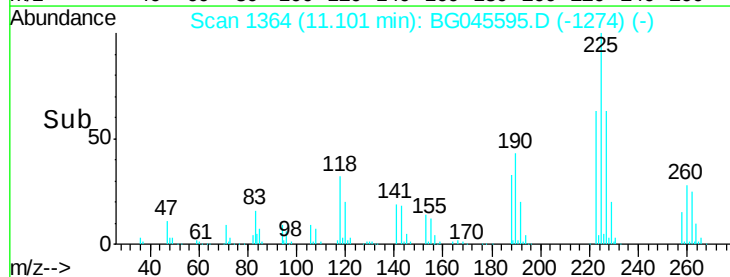
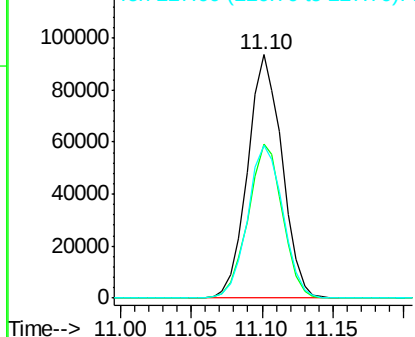


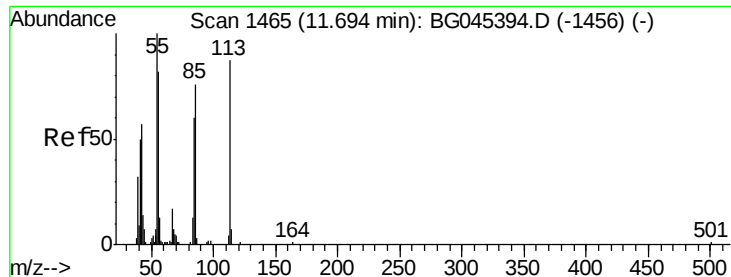
#34
Hexachlorobutadiene
Concen: 44.267 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:225	Resp:	159732
Ion Ratio	Lower	Upper
225	100	
223	63.4	49.1 73.7
227	62.7	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

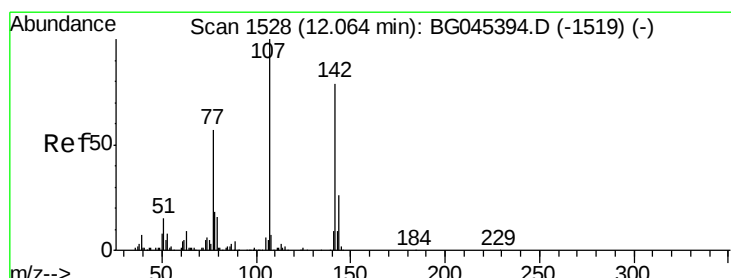
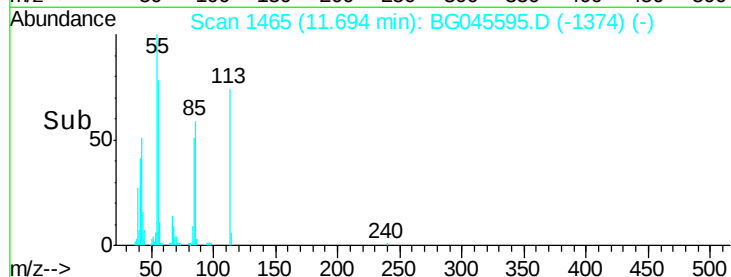
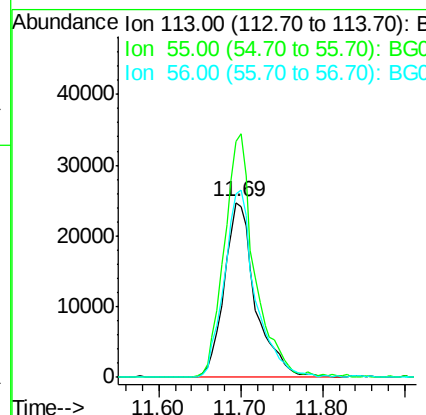
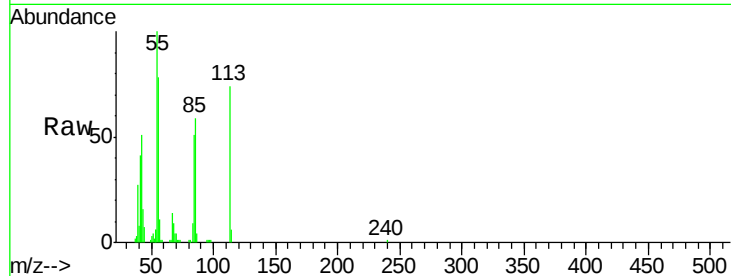




#35
 Caprolactam
 Concen: 41.487 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

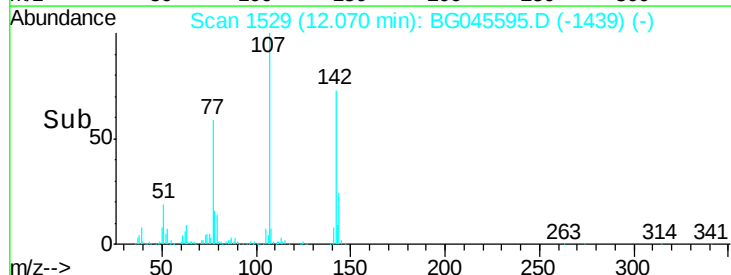
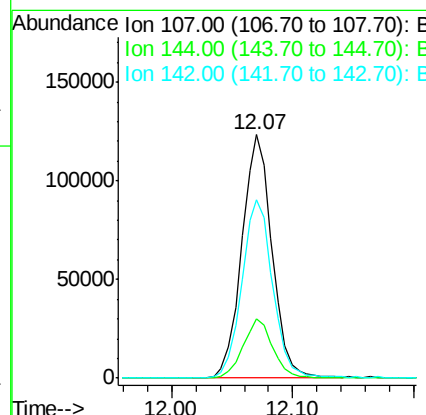
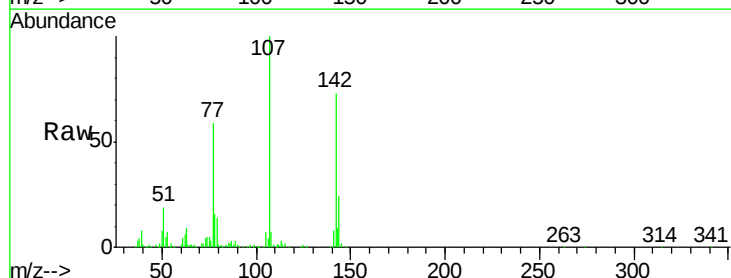
Instrument :
 BNA_G
 ClientSampleId :

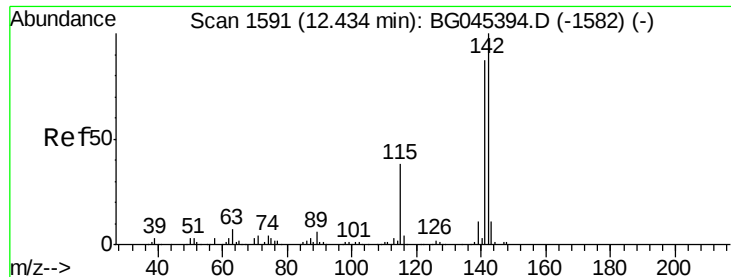
Tot Ion:113 Resp: 65785
 Ion Ratio Lower Upper
 113 100
 55 134.9 96.0 136.0
 56 105.3 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.062 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion:107 Resp: 214495
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.8 31.2
 142 73.1 62.8 94.2

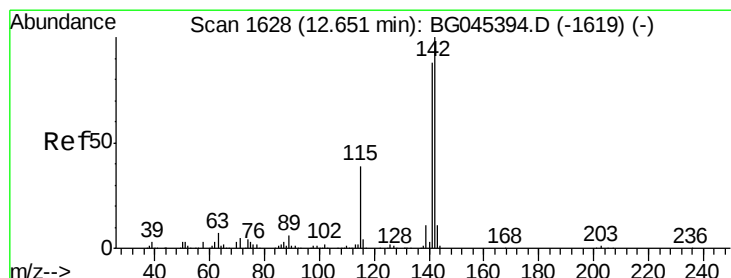
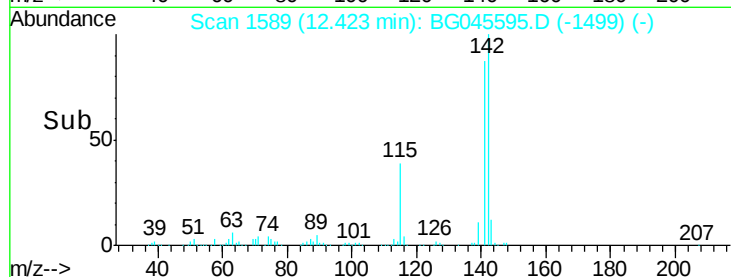
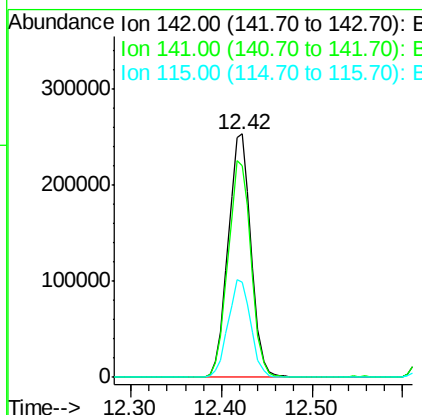
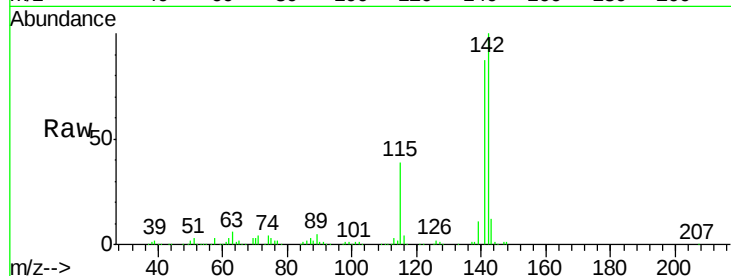




#37
 2-Methylnaphthalene
 Concen: 43.490 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

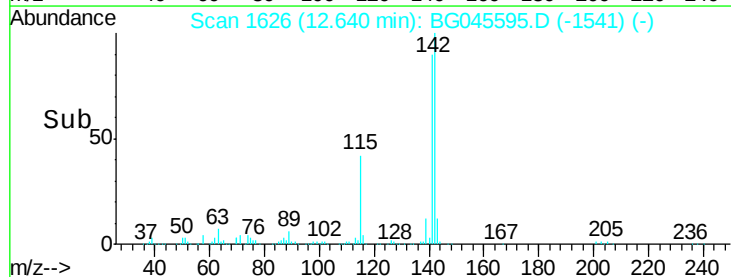
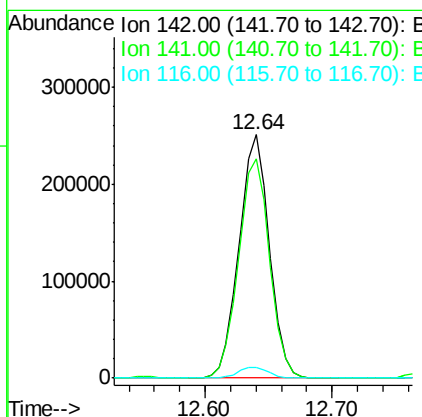
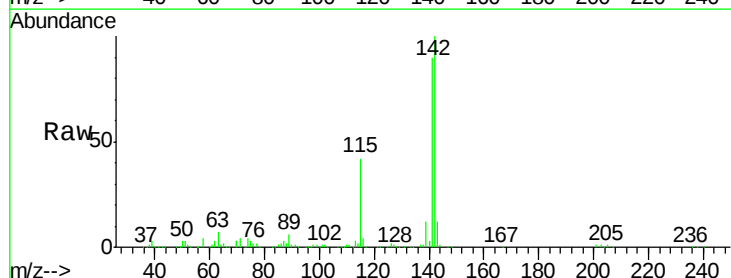
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 443296
 Ion Ratio Lower Upper
 142 100
 141 86.8 70.0 105.0
 115 38.9 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 42.921 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion:142 Resp: 413271
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.8 106.2
 116 4.2 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: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

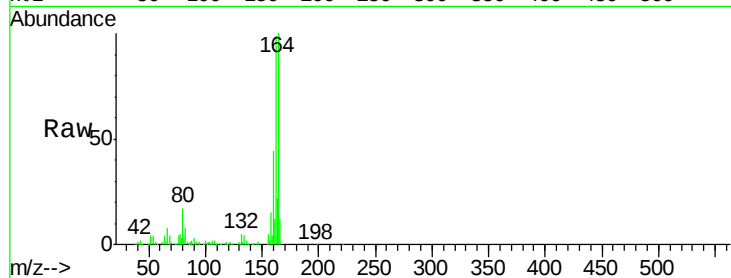
Tot Ion:164 Resp: 213231

Ion Ratio Lower Upper

164 100

162 99.4 76.9 115.3

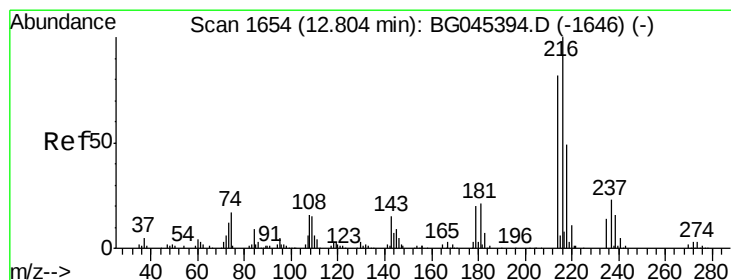
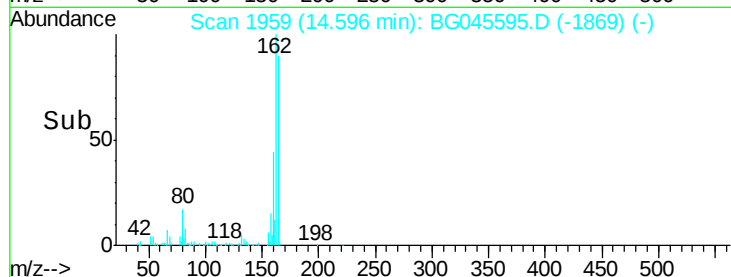
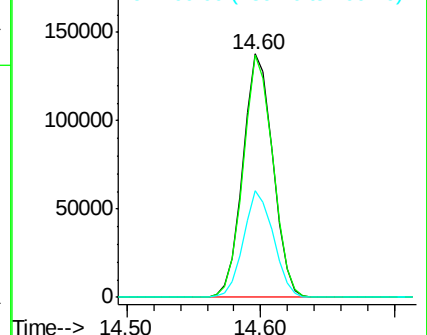
160 43.6 33.8 50.8



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.810 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Tgt Ion:216 Resp: 249014

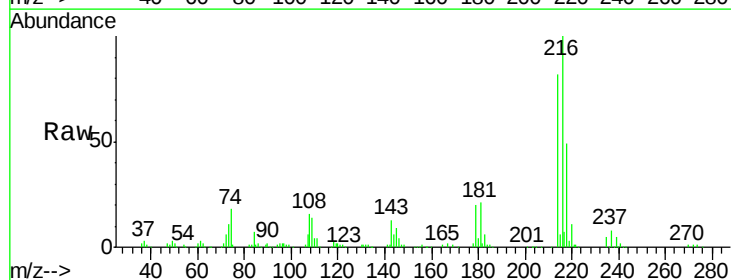
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 19.8 16.1 24.1

108 17.1 13.8 20.6

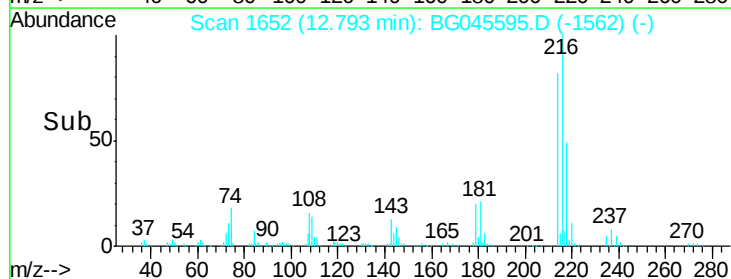
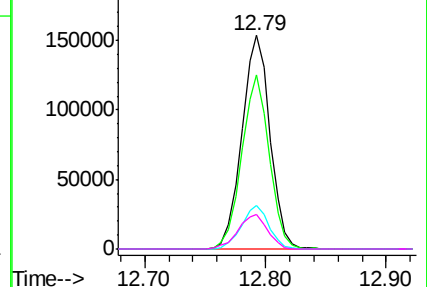


Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 31.719 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

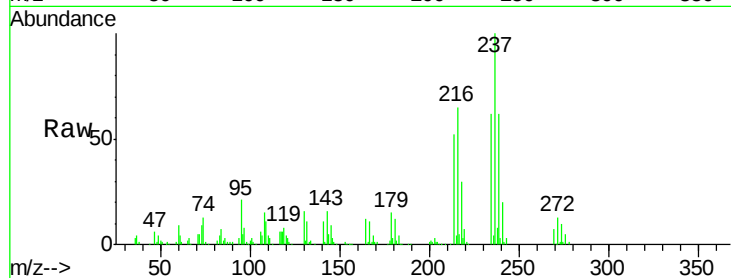
Tot Ion:237 Resp: 109038

Ion Ratio Lower Upper

237 100

235 61.6 44.4 84.4

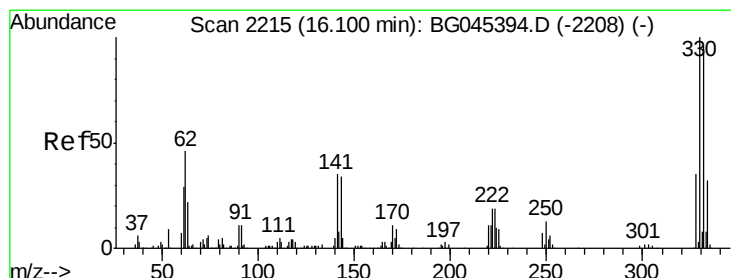
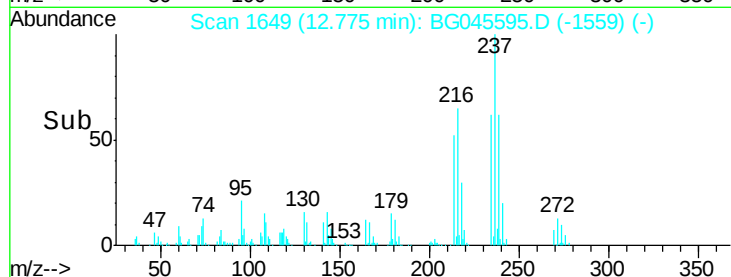
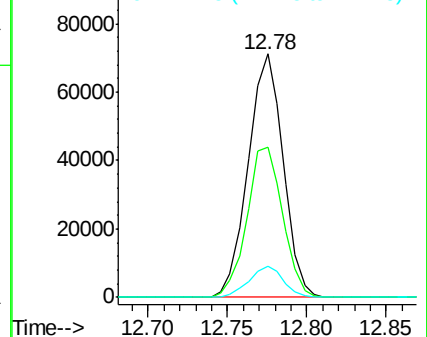
272 12.9 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.587 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

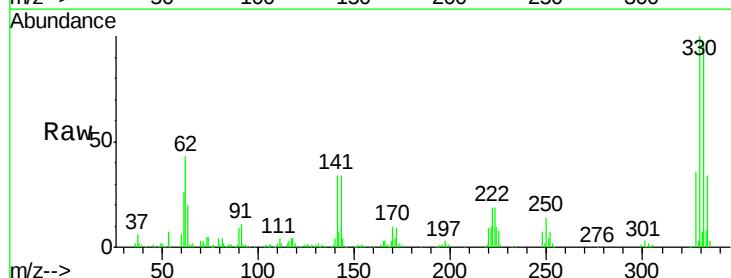
Tgt Ion:330 Resp: 219760

Ion Ratio Lower Upper

330 100

332 98.2 78.2 117.4

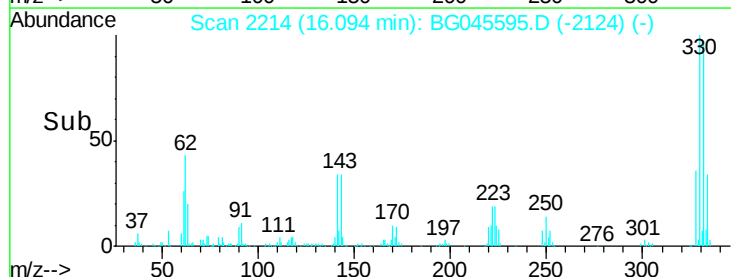
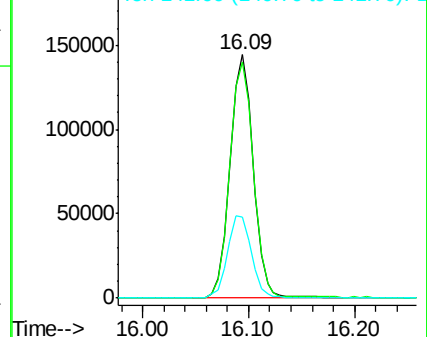
141 35.3 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

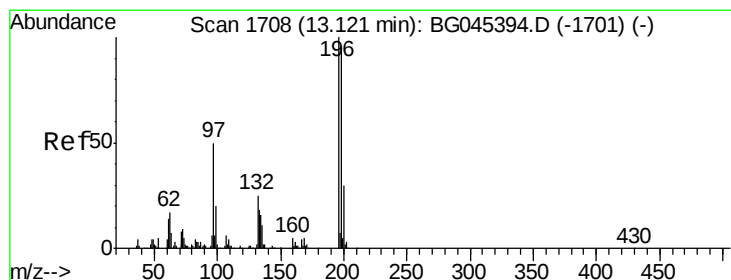
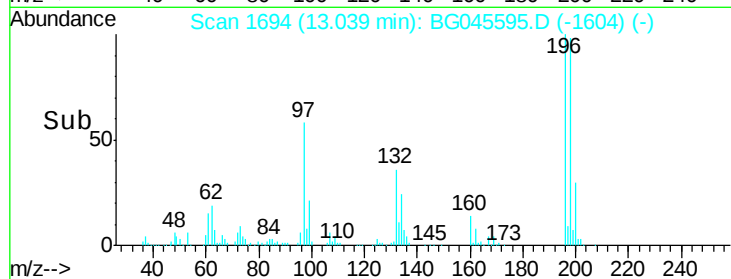
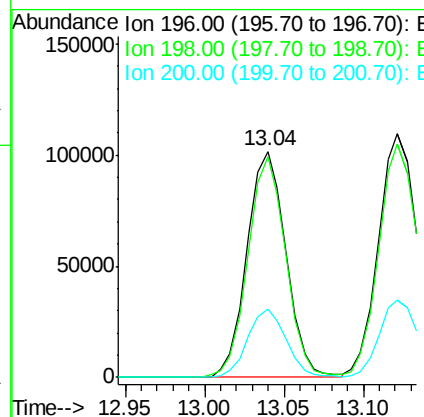
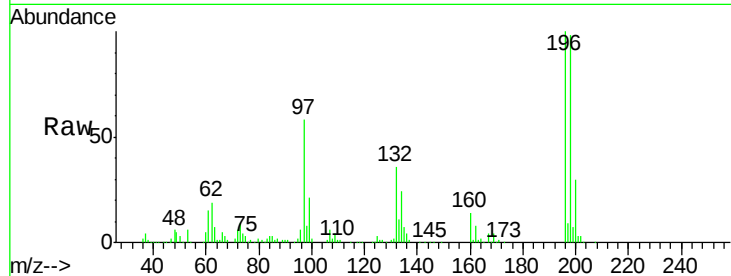




#43
 2,4,6-Trichlorophenol
 Concen: 41.975 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

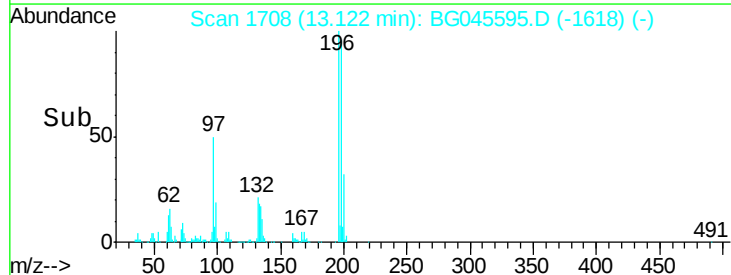
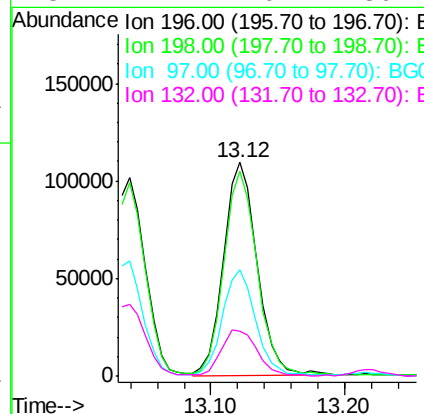
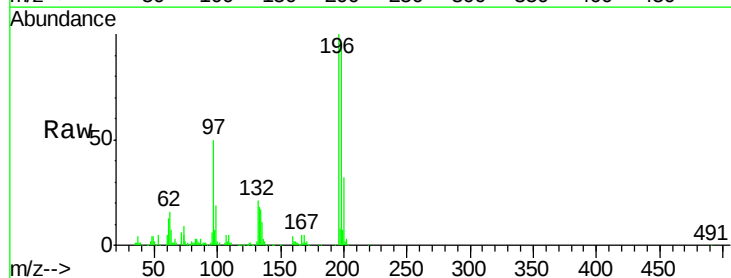
Instrument :
 BNA_G
 ClientSampled :

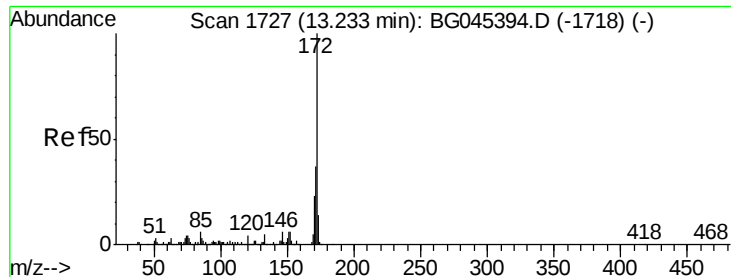
Tot Ion:196 Resp: 173663
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.7 115.1
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.615 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion:196 Resp: 192024
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.1 114.1
 97 49.8 40.0 60.0
 132 21.2 20.2 30.2

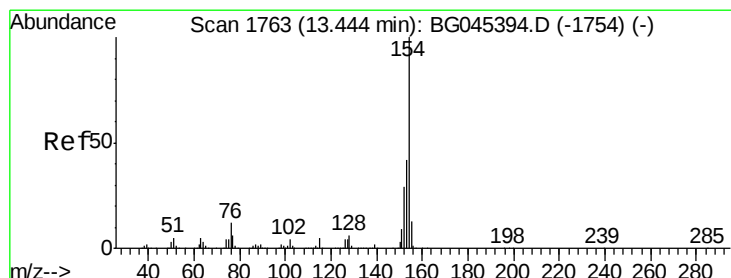
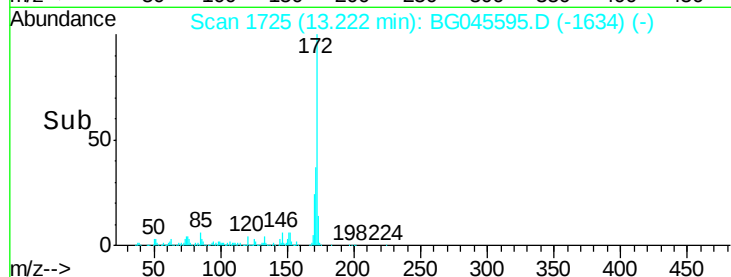
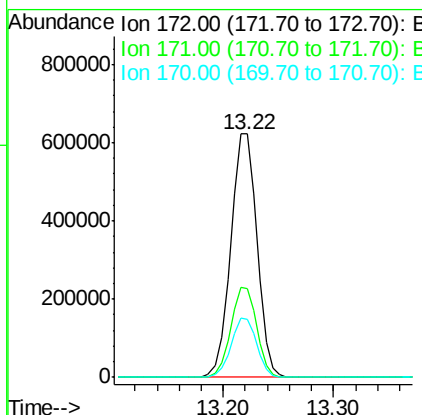
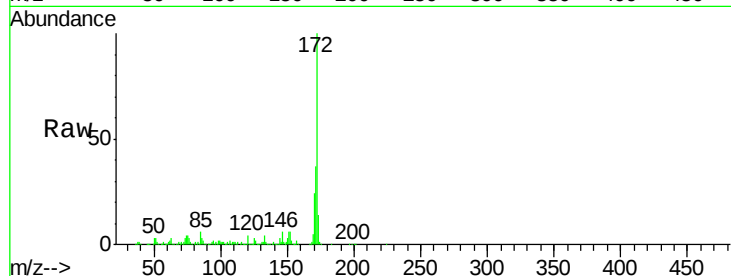




#45
2-Fluorobiphenyl
Concen: 82.654 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

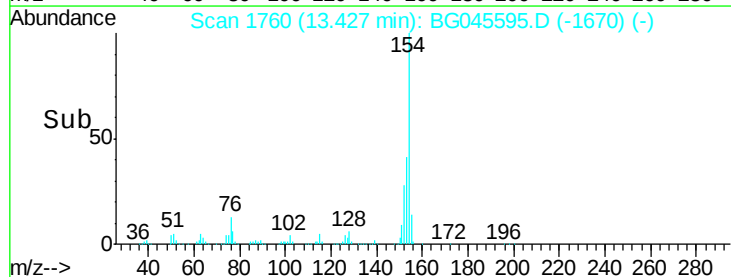
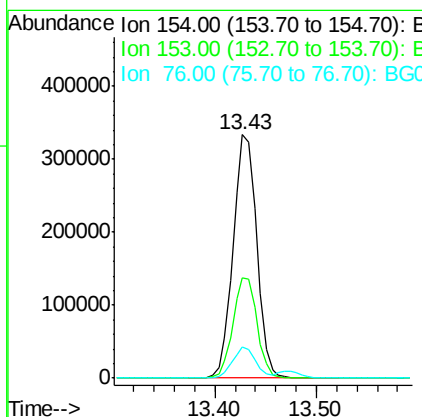
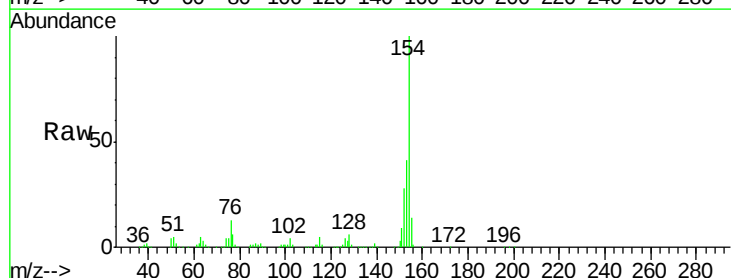
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1039046
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 23.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.168 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:154 Resp: 539391
Ion Ratio Lower Upper
154 100
153 41.0 22.2 62.2
76 13.0 0.0 32.4

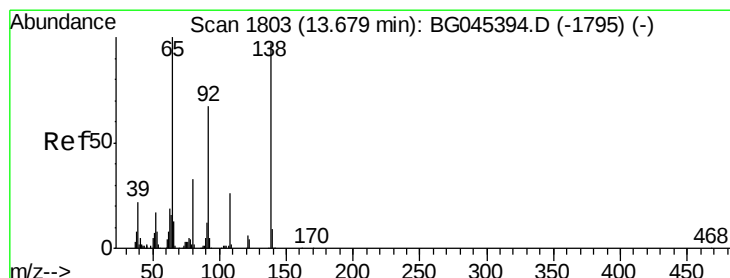
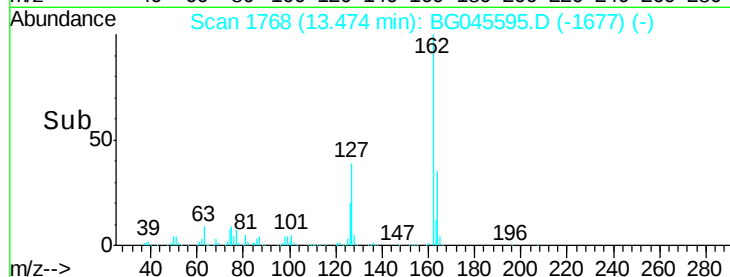
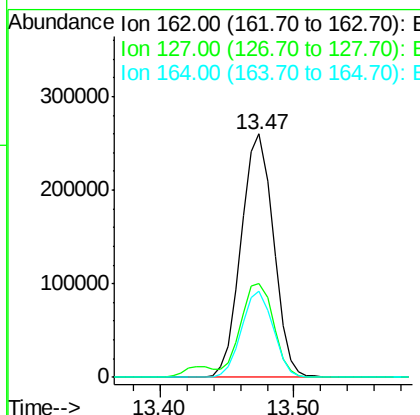
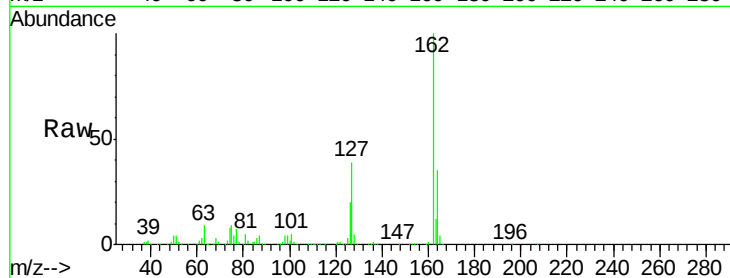




#47
 2-Chloronaphthalene
 Concen: 41.024 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

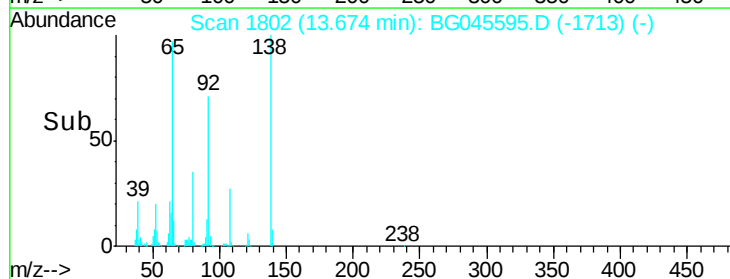
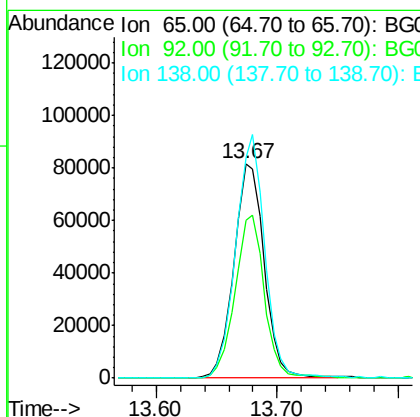
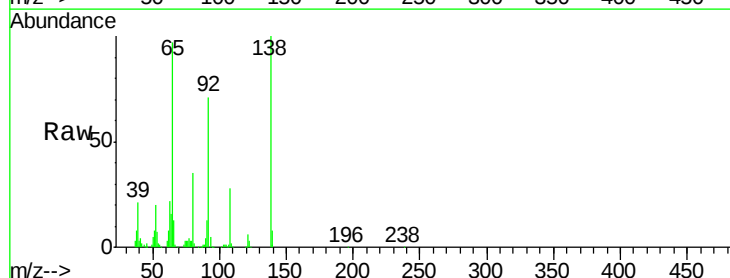
Instrument :
 BNA_G
 ClientSampleId :

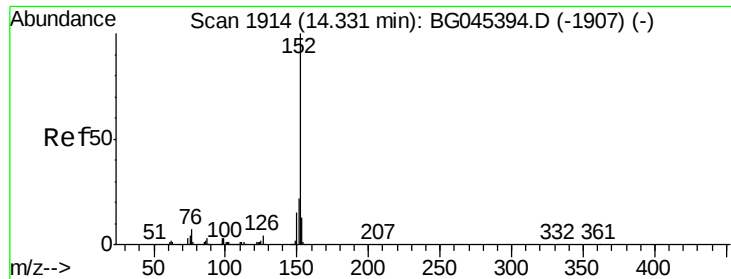
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.6	47.4
164	35.3	28.1	42.1



#48
 2-Nitroaniline
 Concen: 41.125 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	53.8	80.8
138	102.8	77.9	116.9





#49

Acenaphthylene

Concen: 41.153 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

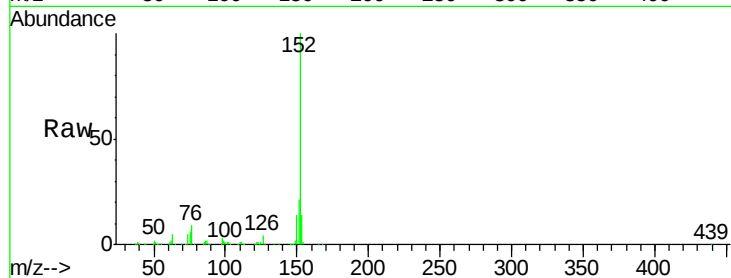
Tot Ion:152 Resp: 703284

Ion Ratio Lower Upper

152 100

151 21.1 17.4 26.2

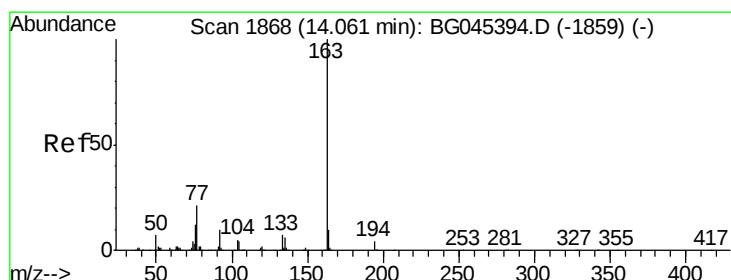
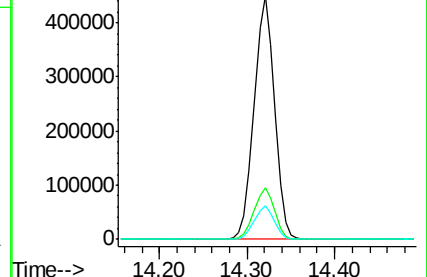
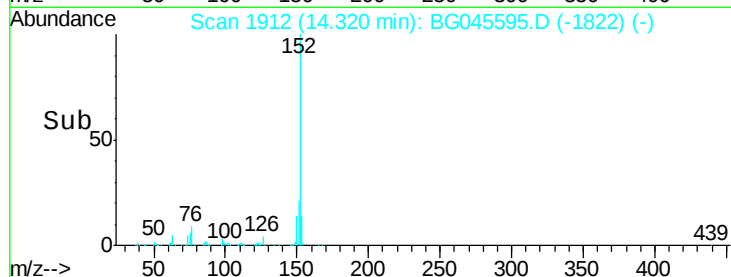
153 13.8 10.7 16.1



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: 40.190 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

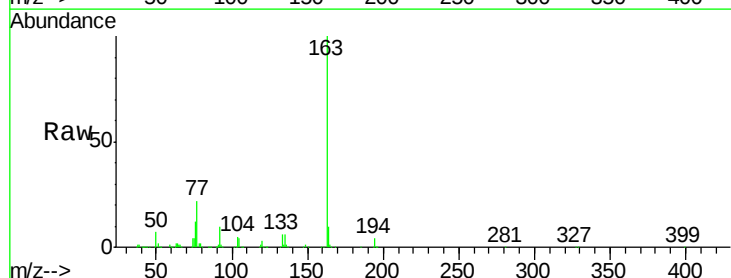
Tgt Ion:163 Resp: 587874

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

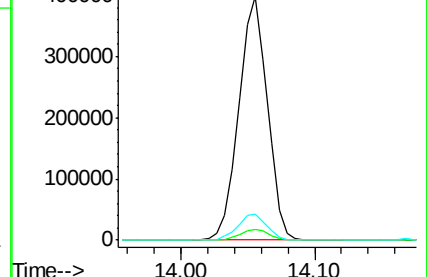
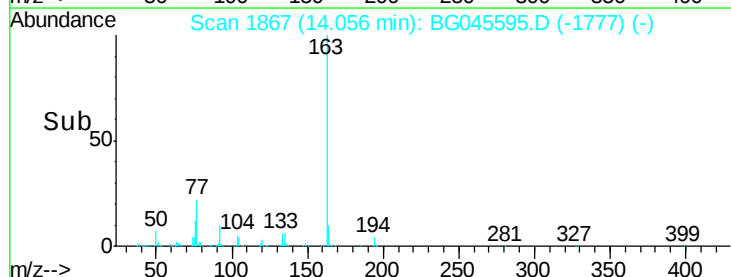
164 10.5 8.3 12.5

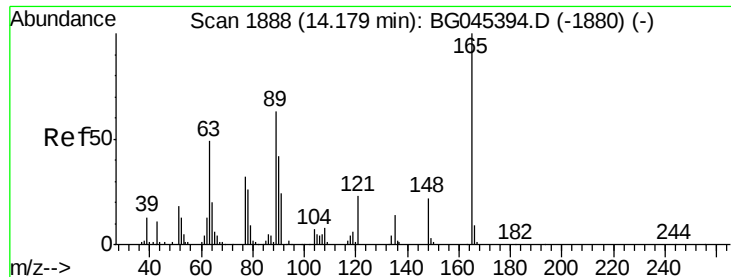


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

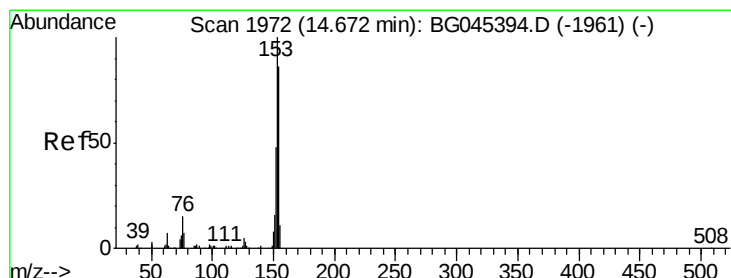
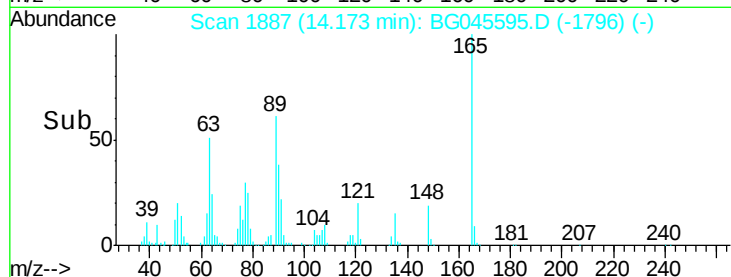
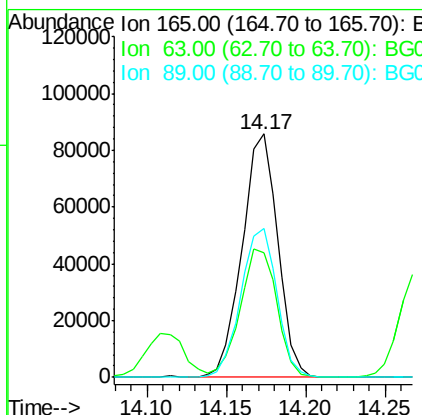
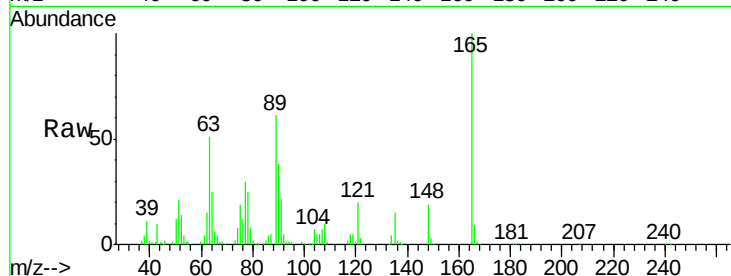




#51
 2,6-Dinitrotoluene
 Concen: 40.591 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

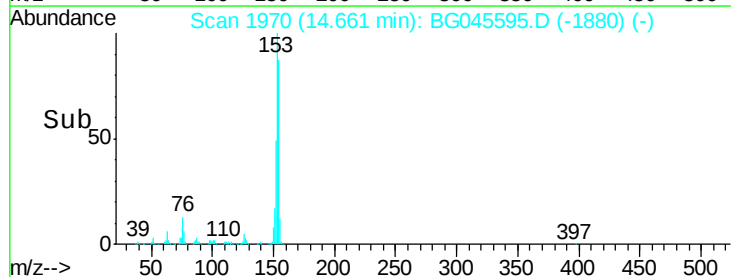
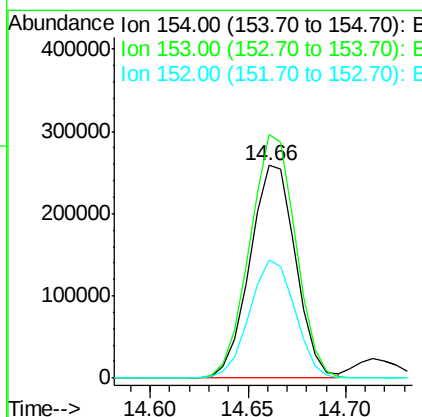
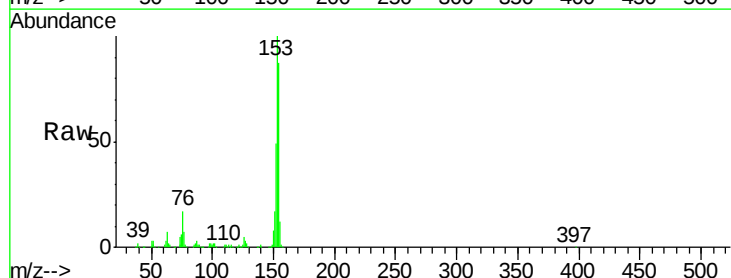
Instrument :
 BNA_G
 ClientSampleID :

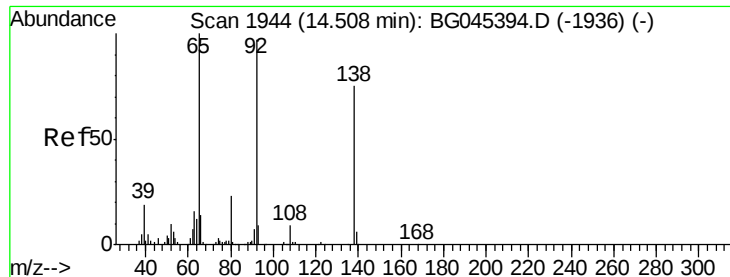
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	45.0	67.4
89	61.1	50.2	75.4



#52
 Acenaphthene
 Concen: 36.733 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.8	139.2
152	55.8	44.6	66.8

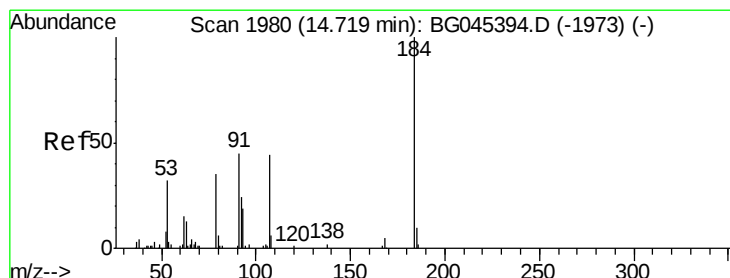
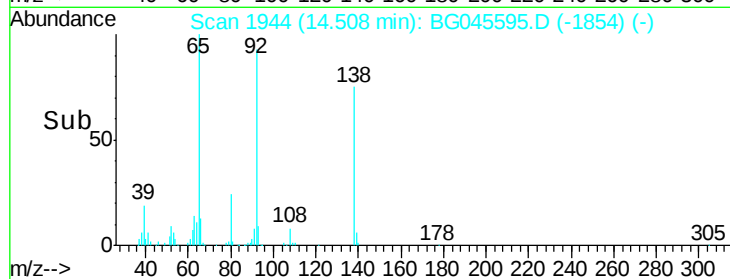
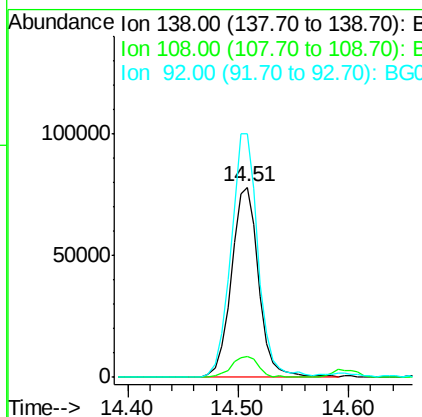
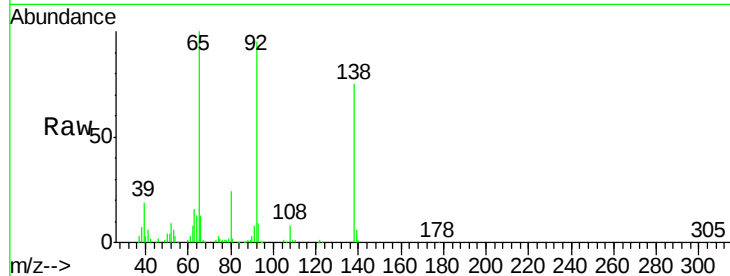




#53
 3-Nitroaniline
 Concen: 40.348 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

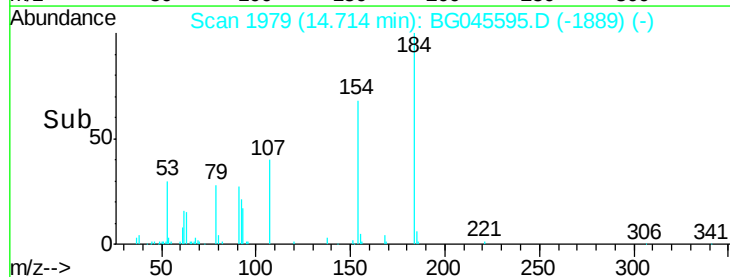
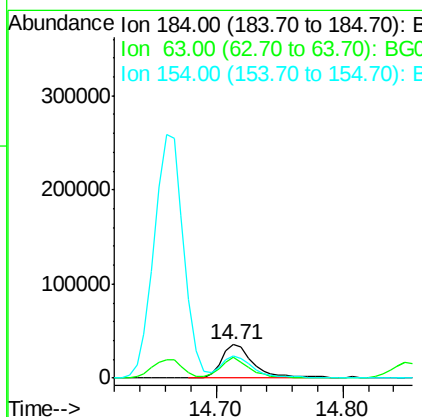
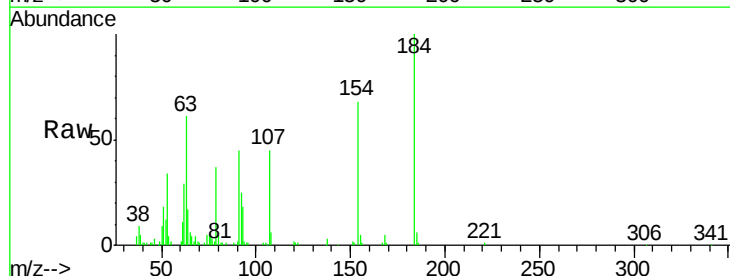
Instrument :
 BNA_G
 ClientSampleId :

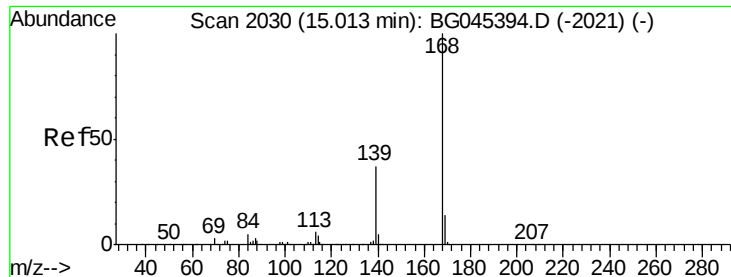
Tot Ion:138 Resp: 135381
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.8 14.6
 92 127.7 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 32.699 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion:184 Resp: 63212
 Ion Ratio Lower Upper
 184 100
 63 61.4 47.8 71.6
 154 68.2 58.3 87.5

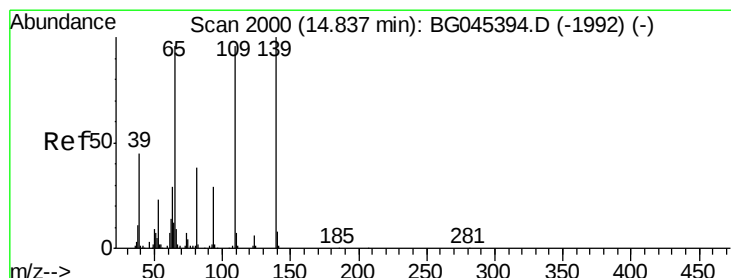
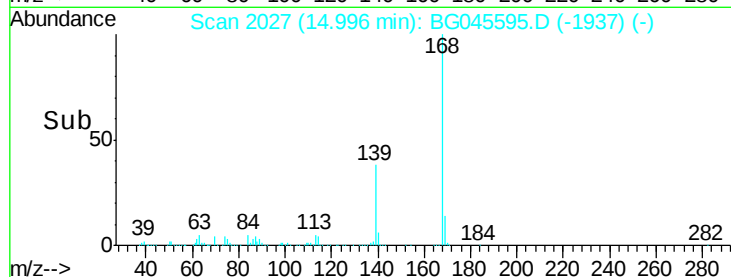
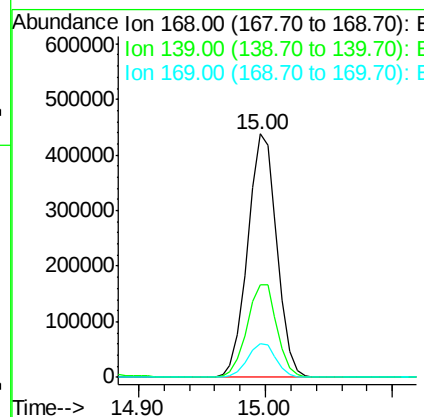
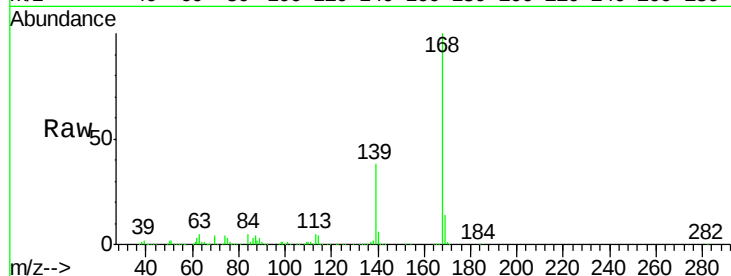




#55
Dibenzenofuran
Concen: 40.973 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

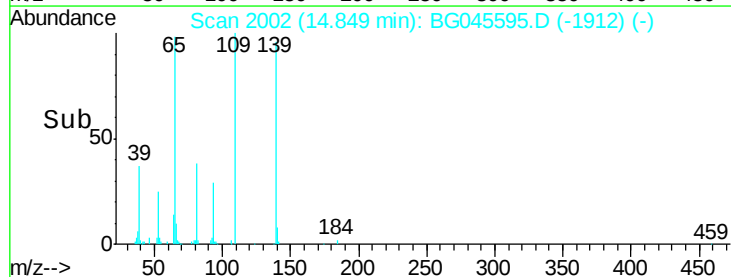
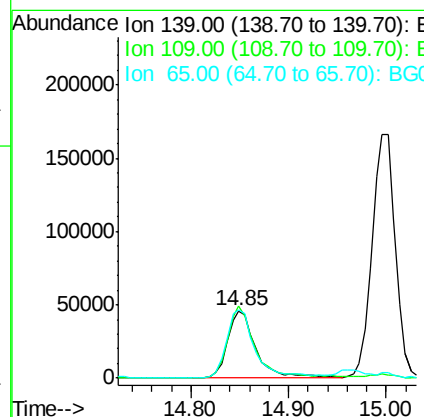
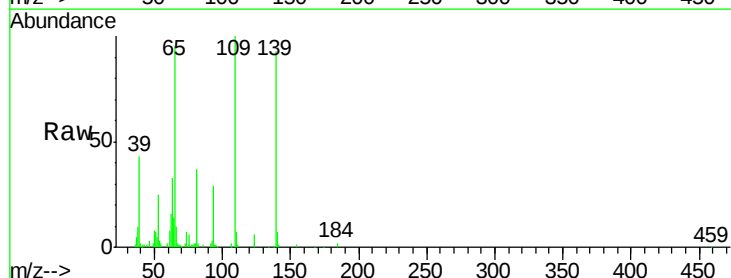
Instrument :
BNA_G
ClientSampled :

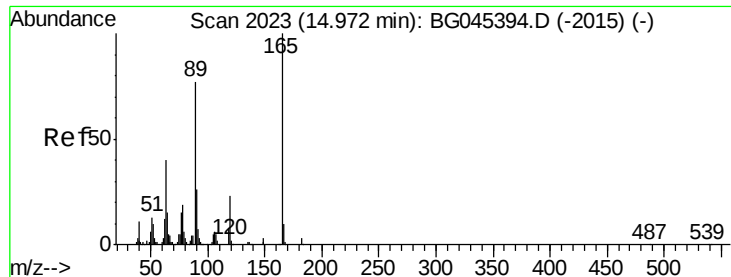
Tot Ion:168 Resp: 696044
Ion Ratio Lower Upper
168 100
139 37.9 29.9 44.9
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 36.358 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:139 Resp: 92359
Ion Ratio Lower Upper
139 100
109 107.2 75.6 115.6
65 102.4 76.8 116.8

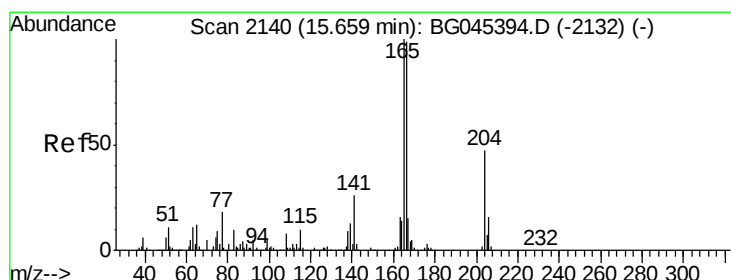
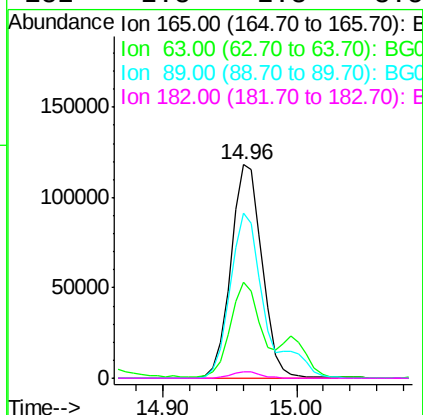
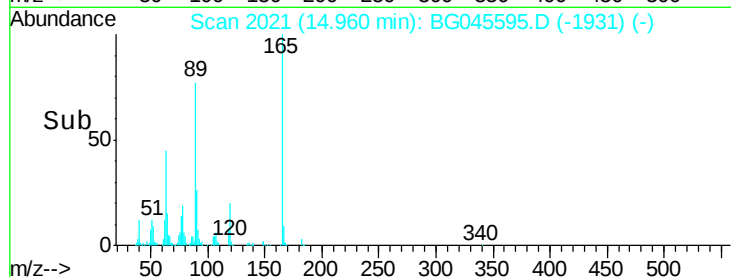
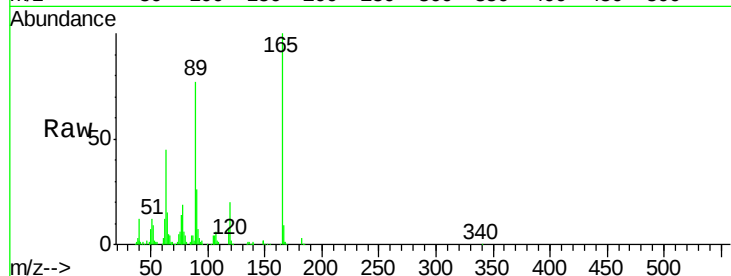




#57
2,4-Dinitrotoluene
Concen: 40.166 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

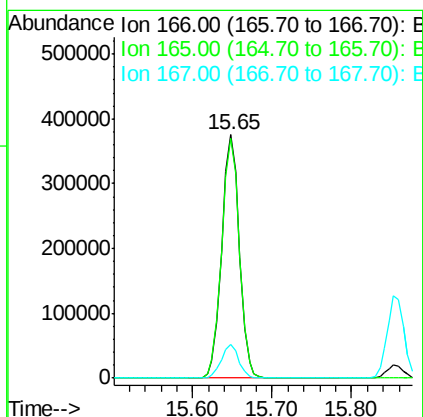
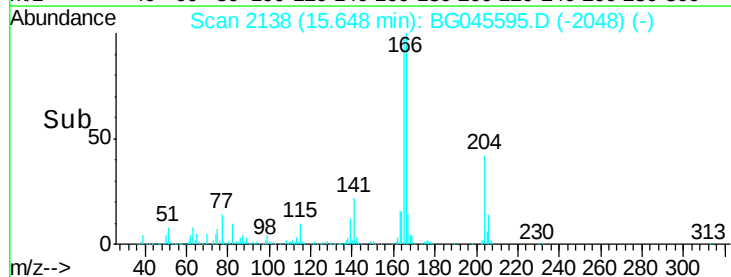
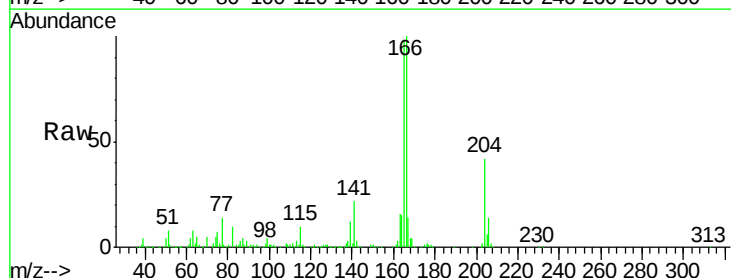
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 192003
Ion Ratio Lower Upper
165 100
63 44.7 32.5 48.7
89 77.1 61.8 92.6
182 2.8 2.3 3.5



#58
Fluorene
Concen: 41.267 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:166 Resp: 575936
Ion Ratio Lower Upper
166 100
165 98.5 80.8 121.2
167 13.9 12.0 18.0

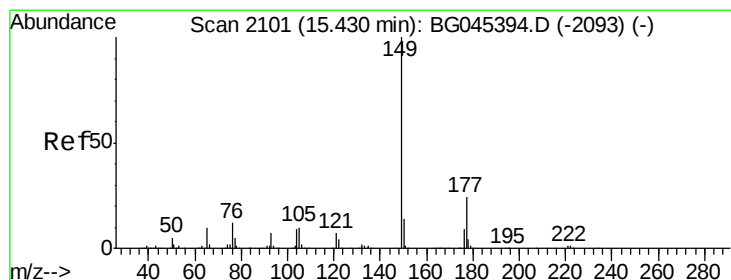
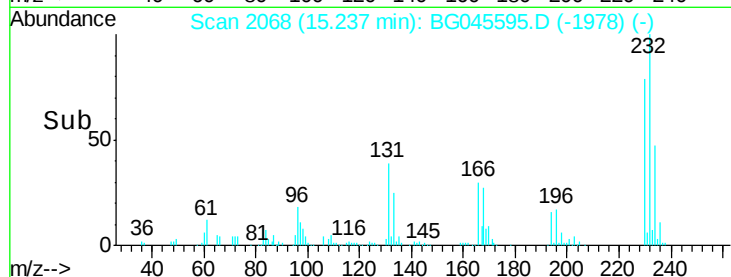
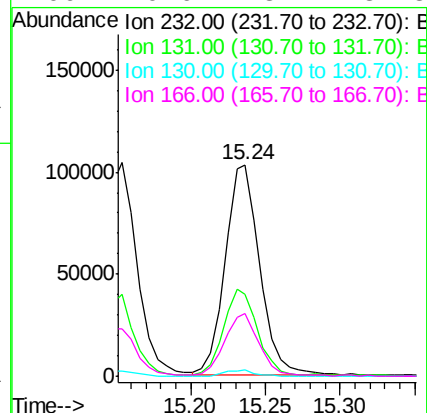
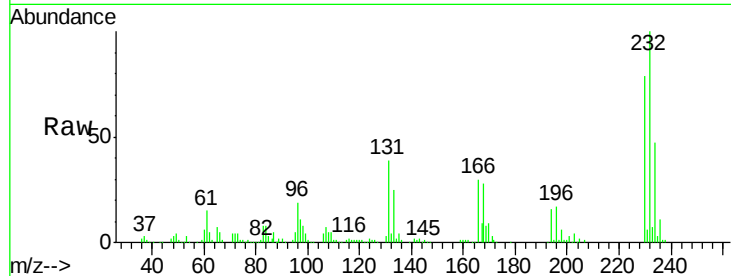




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.846 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

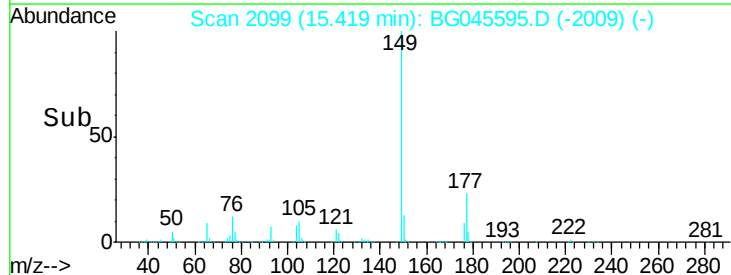
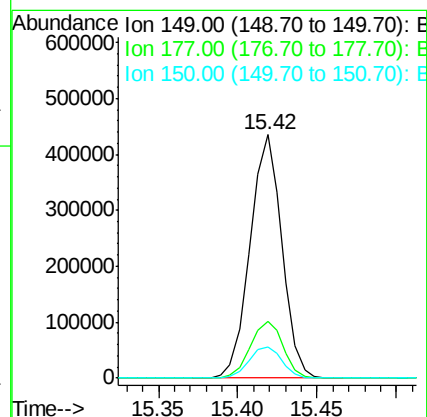
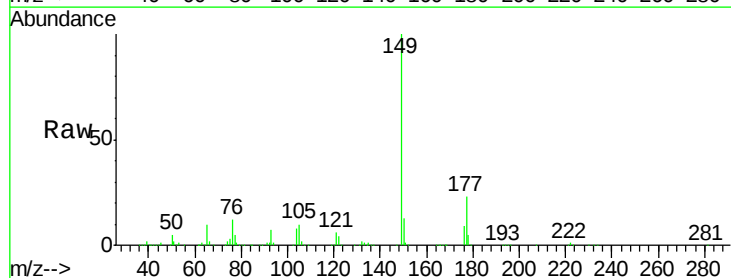
Instrument :
 BNA_G
 ClientSampleId :

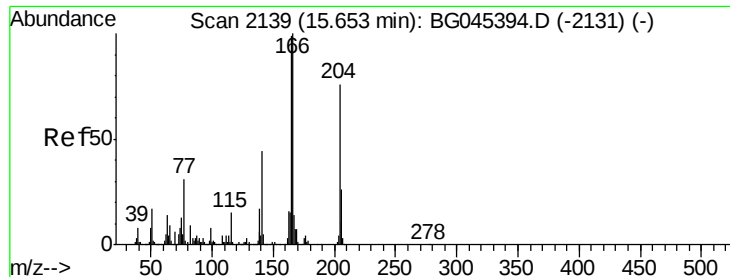
Tot Ion:232	Resp:	165740
Ion Ratio	Lower	Upper
232	100	
131	40.7	33.7 50.5
130	2.5	2.1 3.1
166	29.6	23.2 34.8



#60
 Diethylphthalate
 Concen: 39.773 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045595.D
 Acq: 4 Jun 2020 2:24

Tgt Ion:149	Resp:	605541
Ion Ratio	Lower	Upper
149	100	
177	23.3	19.0 28.4
150	12.7	11.4 17.0

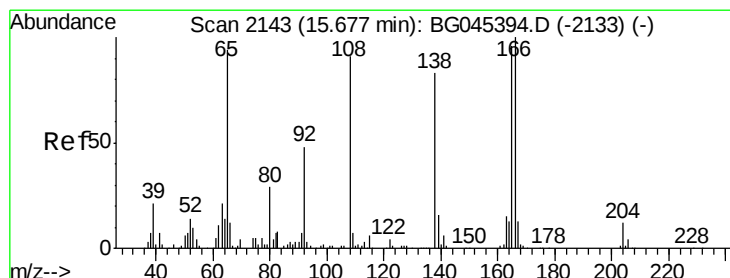
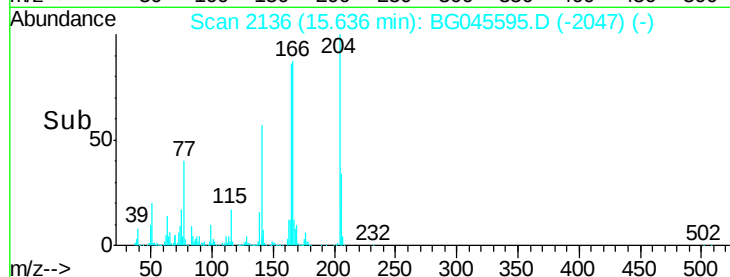
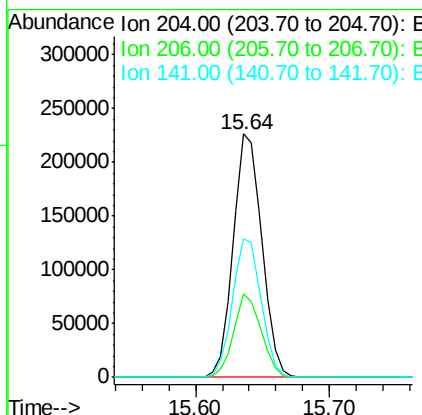
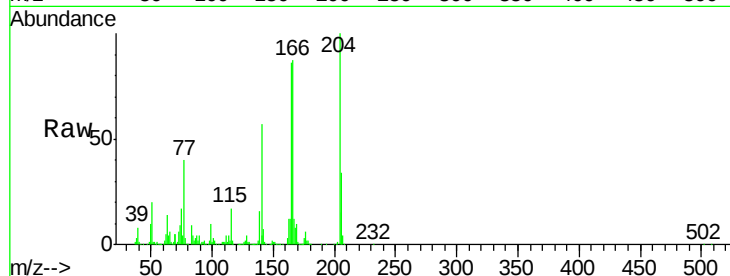




#61
4-Chlorophenyl-phenylether
Concen: 42.329 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

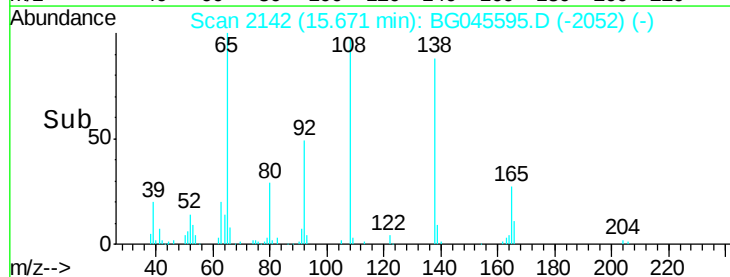
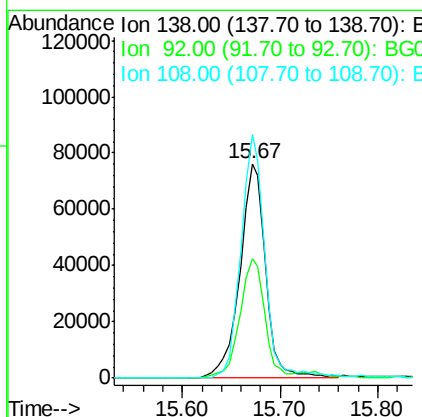
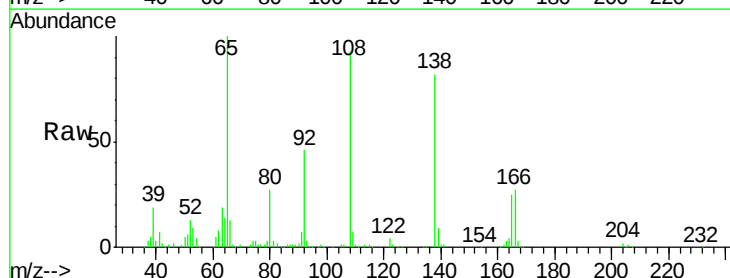
Instrument :
BNA_G
ClientSampleId :

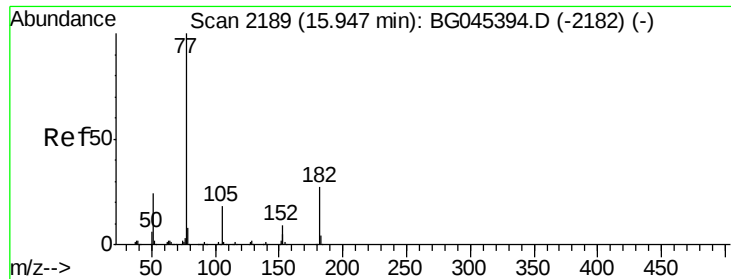
Tot Ion:204 Resp: 338050
Ion Ratio Lower Upper
204 100
206 34.1 27.3 40.9
141 56.7 45.9 68.9



#62
4-Nitroaniline
Concen: 40.028 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:138 Resp: 140212
Ion Ratio Lower Upper
138 100
92 56.0 38.0 78.0
108 113.6 89.3 129.3

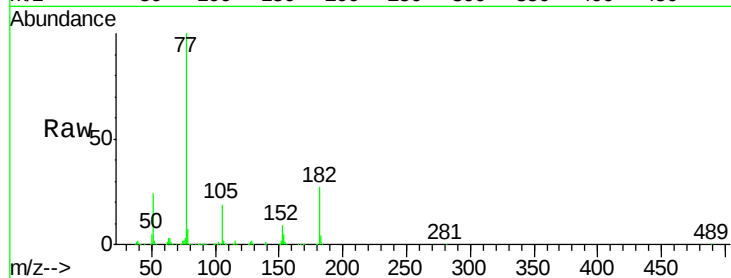




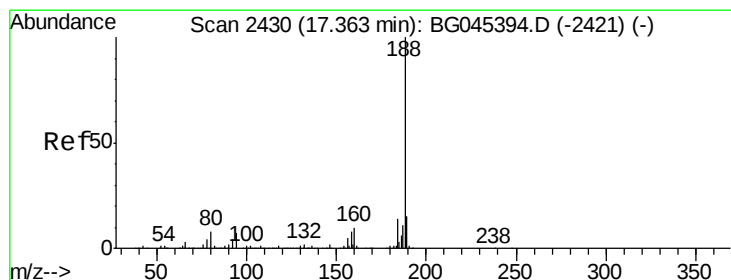
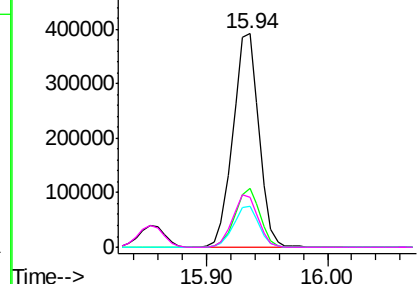
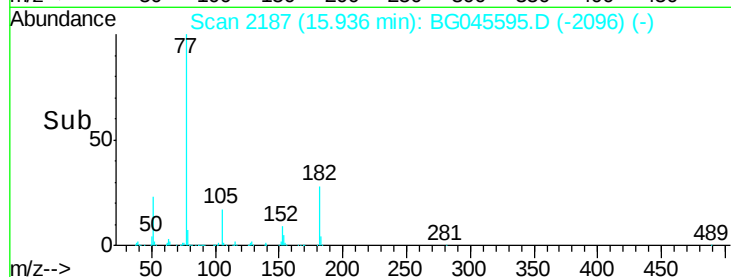
#63
Azobenzene
Concen: 41.109 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	583601
Ion	Ratio	Lower	Upper
77	100		
182	27.3	6.5	46.5
105	19.4	0.0	37.9
51	23.5	4.1	44.1

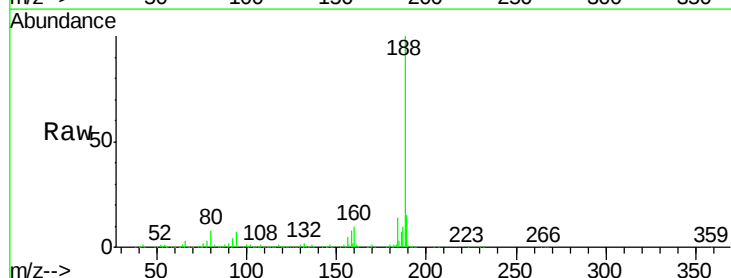


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

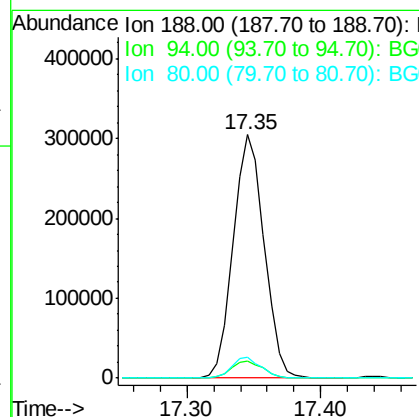
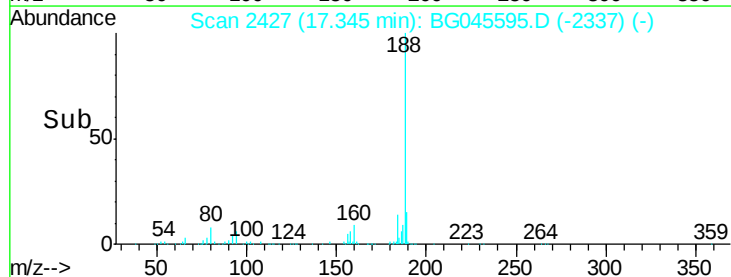


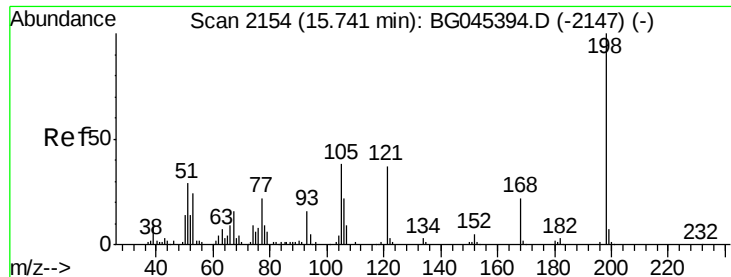
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:	188	Resp:	492444
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	8.4	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





#65

4,6-Dinitro-2-methylphenol

Concen: 38.231 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampled :

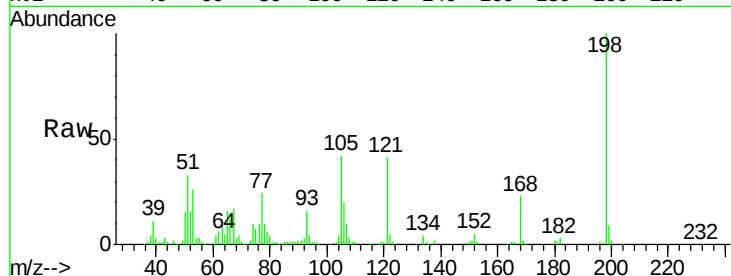
Tot Ion:198 Resp: 109645

Ion Ratio Lower Upper

198 100

51 33.2 10.0 50.0

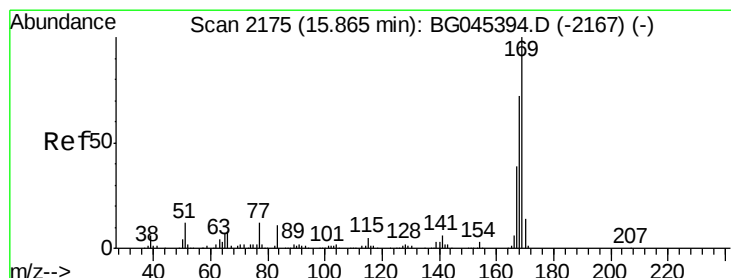
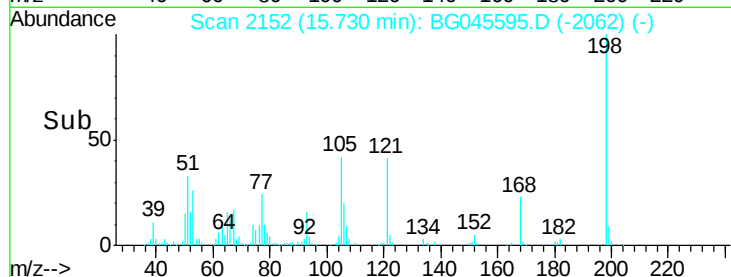
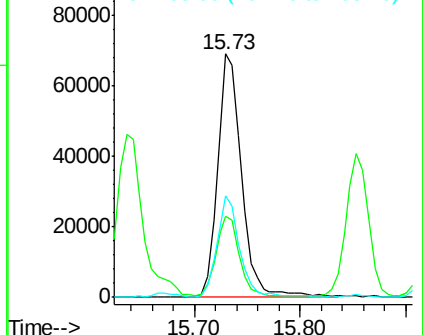
105 41.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.354 ng

RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

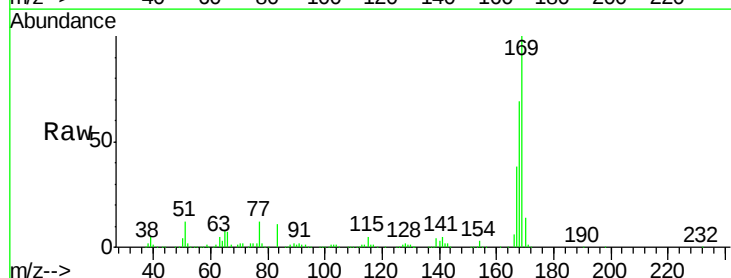
Tgt Ion:169 Resp: 500772

Ion Ratio Lower Upper

169 100

168 69.0 57.8 86.6

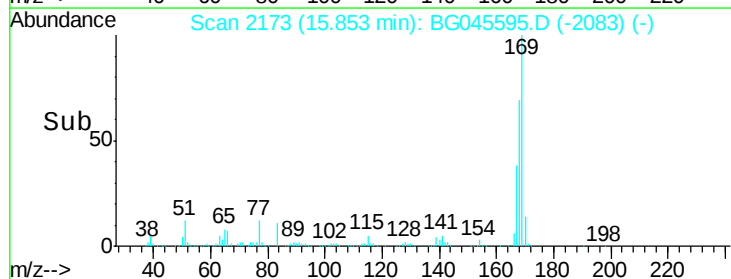
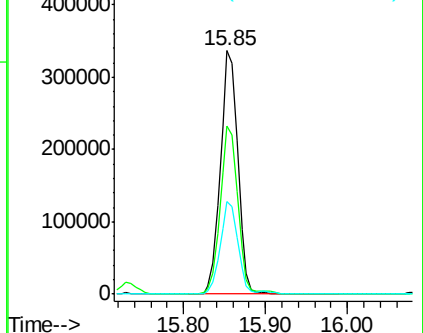
167 37.9 31.5 47.3

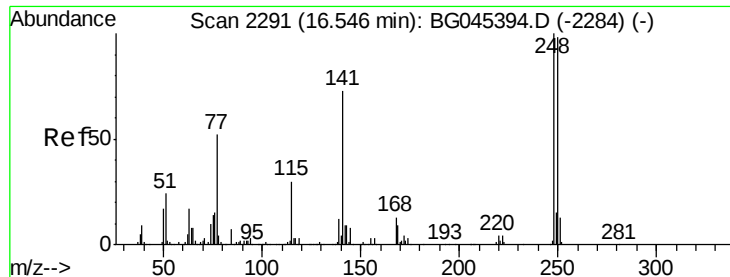


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

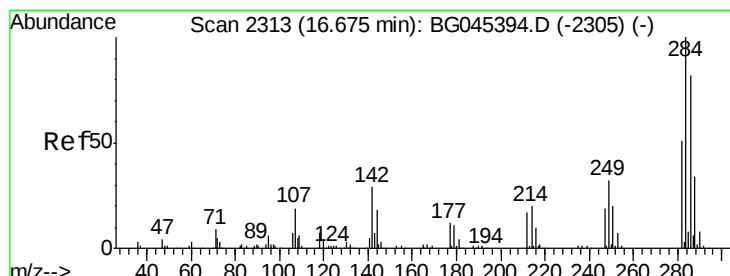
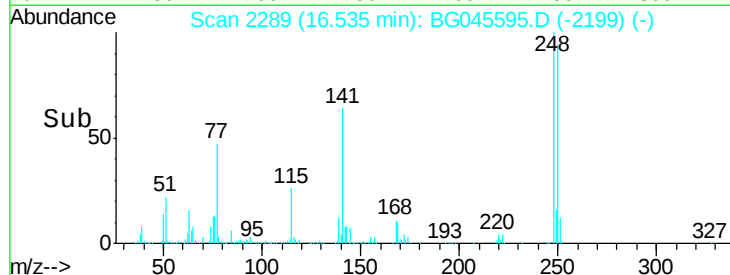
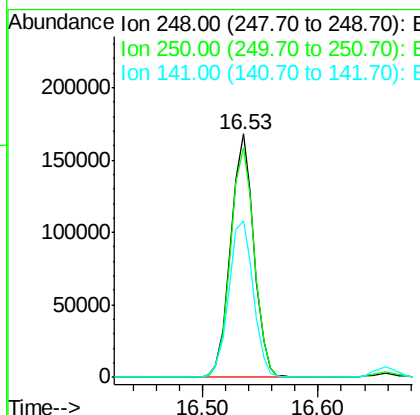
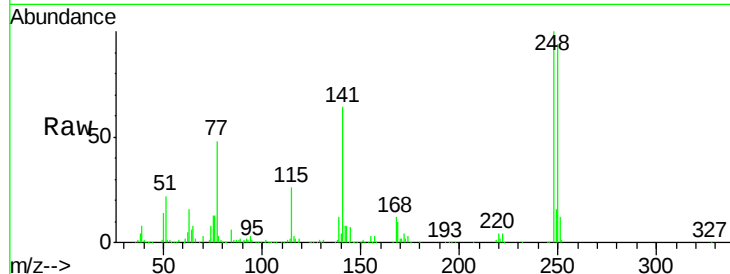




#67
4-Bromophenyl-phenylether
Concen: 43.710 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

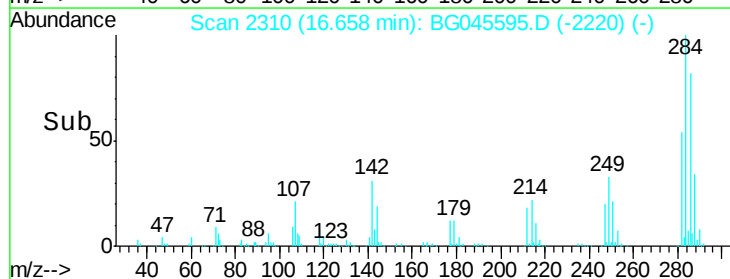
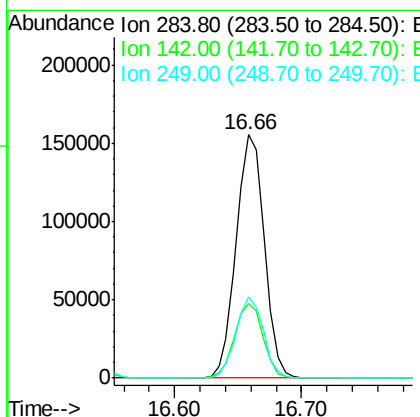
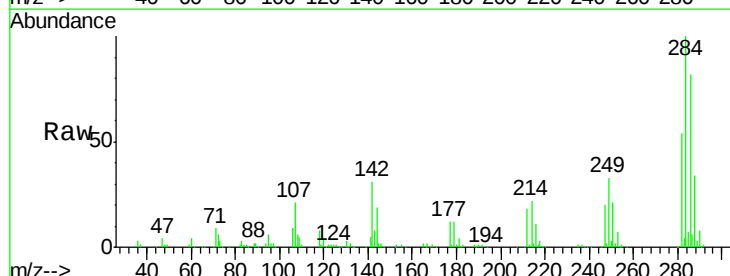
Instrument :
BNA_G
ClientSampleId :

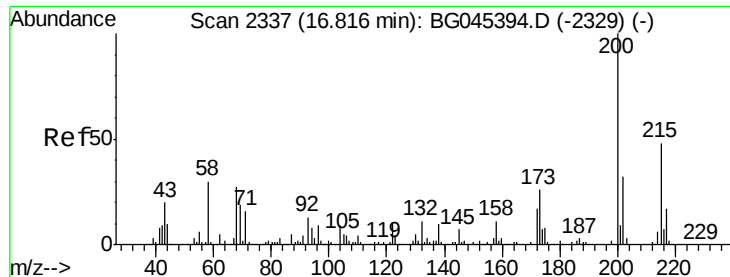
Tot Ion:248 Resp: 233080
Ion Ratio Lower Upper
248 100
250 94.4 78.6 117.8
141 64.4 58.2 87.2



#68
Hexachlorobenzene
Concen: 42.754 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:284 Resp: 238447
Ion Ratio Lower Upper
284 100
142 30.8 23.0 34.6
249 33.5 25.8 38.6

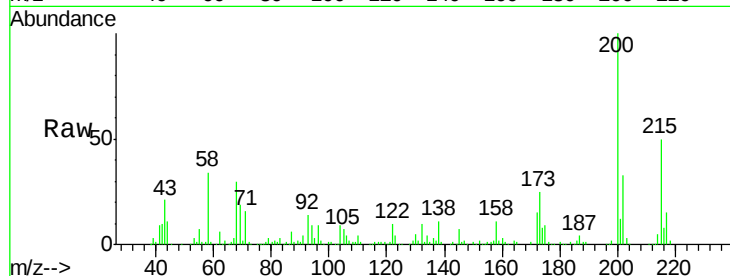




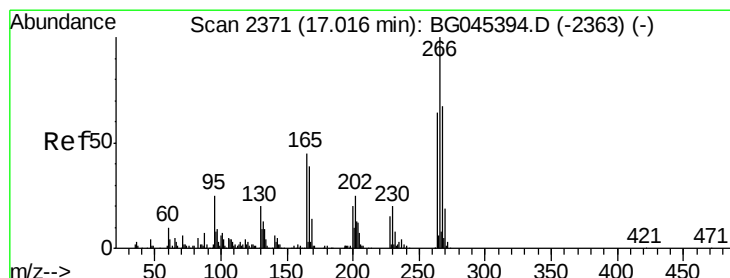
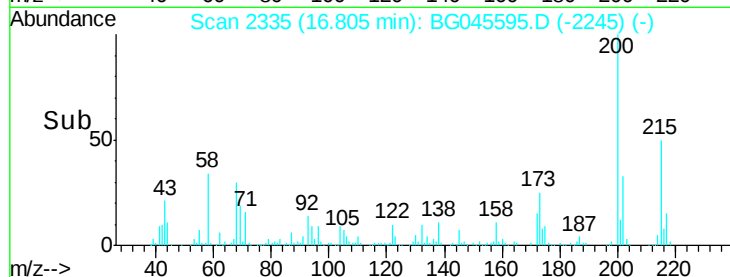
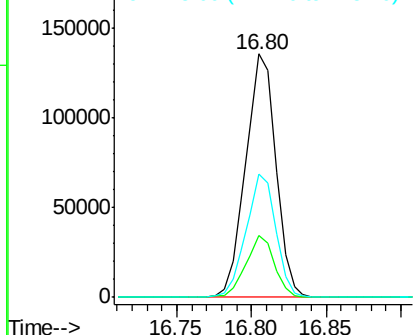
#69
Atrazine
Concen: 38.905 ng
RT: 16.80 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.5	45.5
215	50.5	28.2	68.2

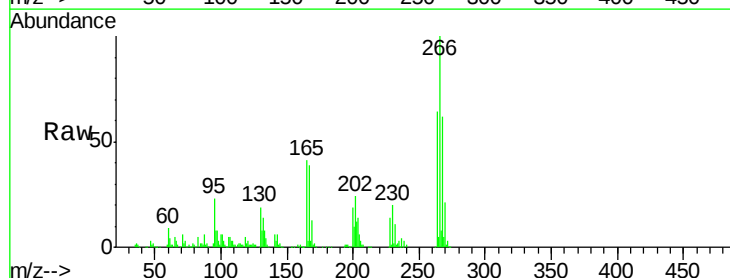


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

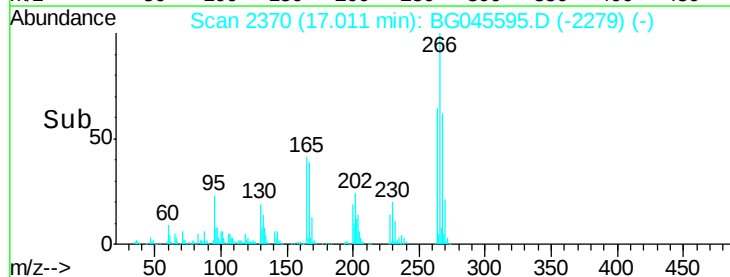
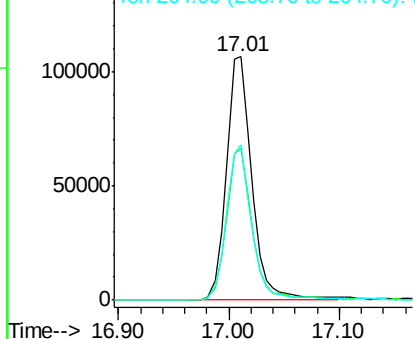


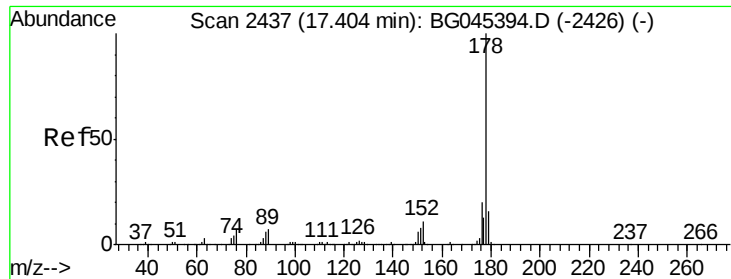
#70
Pentachlorophenol
Concen: 59.734 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	53.2	79.8
264	63.7	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

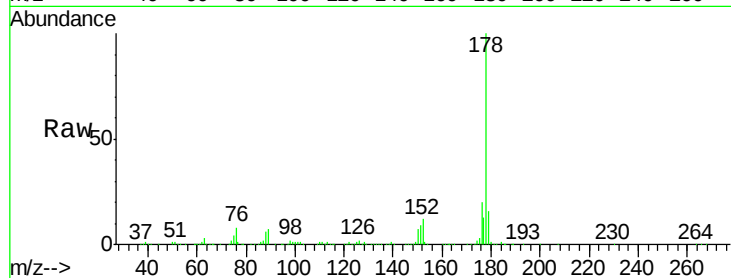




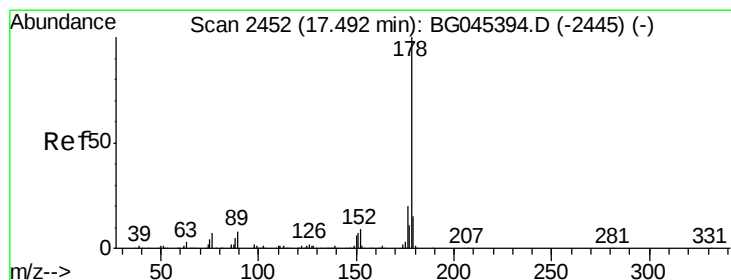
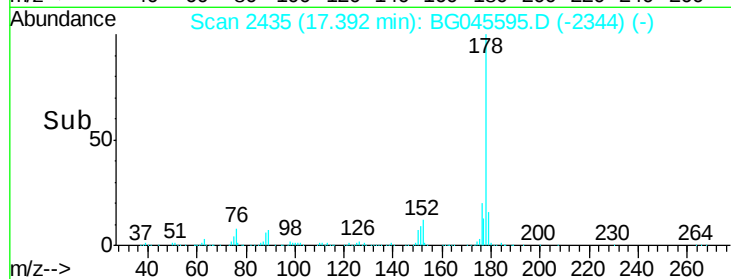
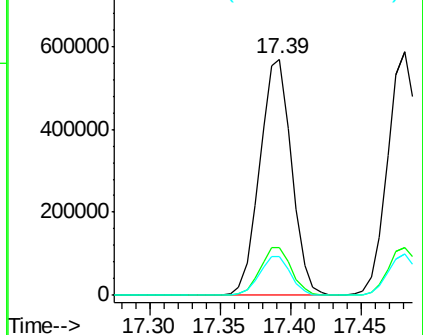
#71
Phenanthrene
Concen: 41.930 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 901415
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.5 13.1 19.7

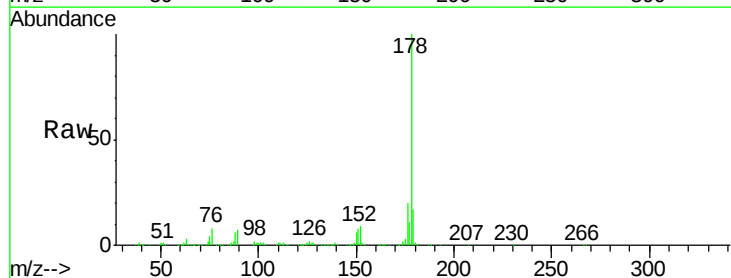


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

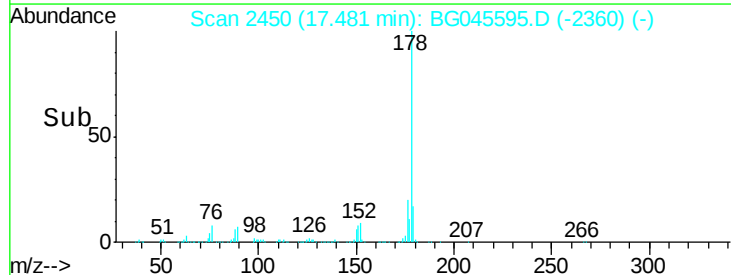
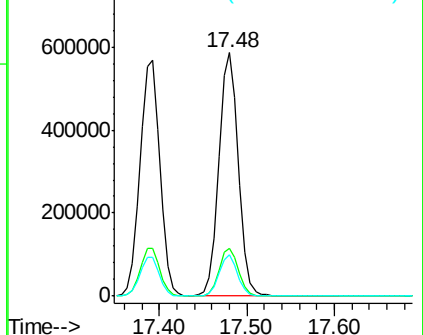


#72
Anthracene
Concen: 41.921 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:178 Resp: 905022
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 17.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.058 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

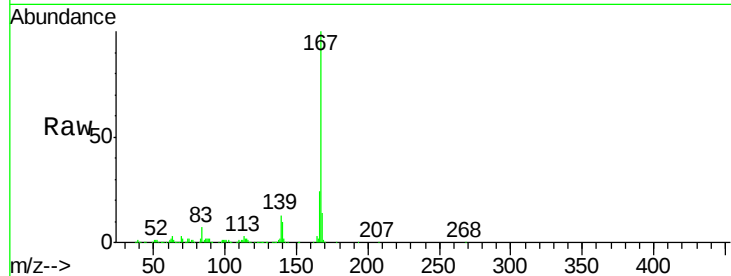
Tot Ion:167 Resp: 864028

Ion Ratio Lower Upper

167 100

166 23.9 19.2 28.8

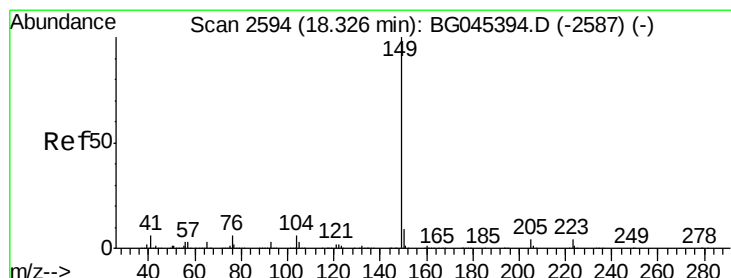
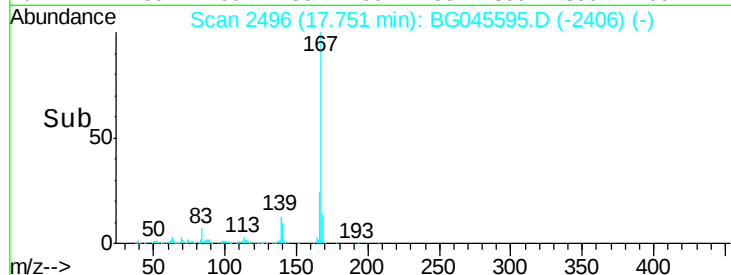
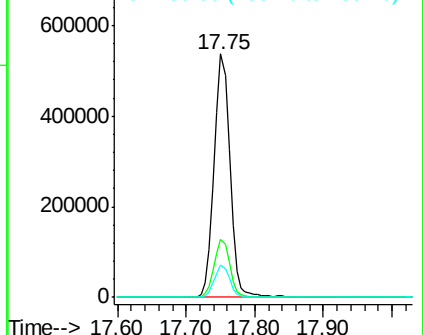
139 13.2 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.257 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

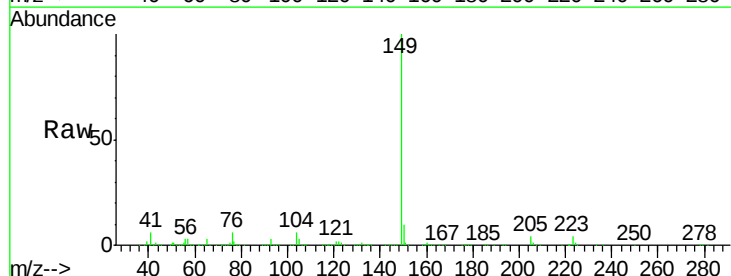
Tgt Ion:149 Resp: 1016820

Ion Ratio Lower Upper

149 100

150 10.1 7.6 11.4

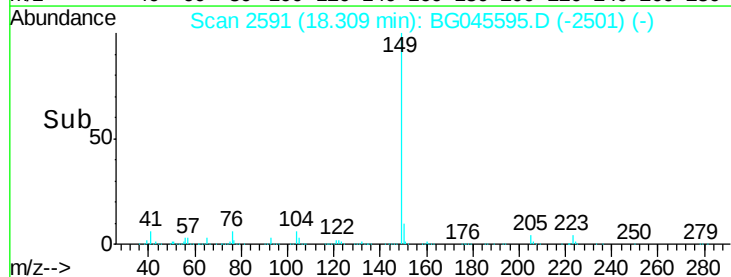
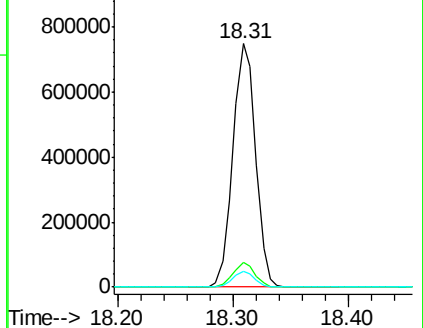
104 6.3 5.0 7.4

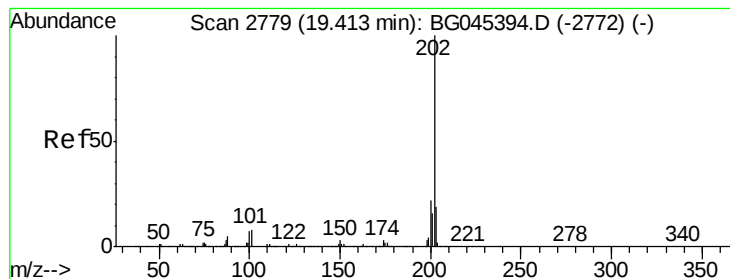


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.673 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

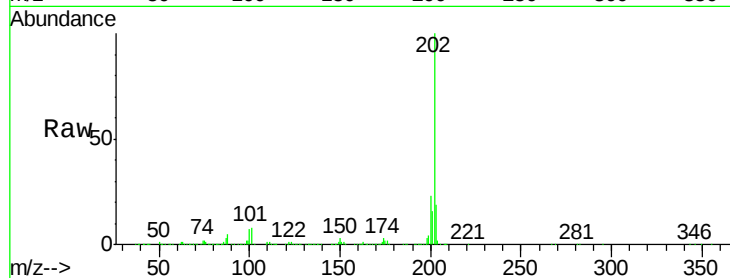
Tot Ion:202 Resp: 1084831

Ion Ratio Lower Upper

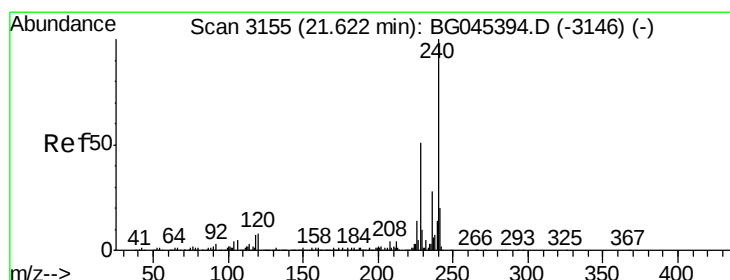
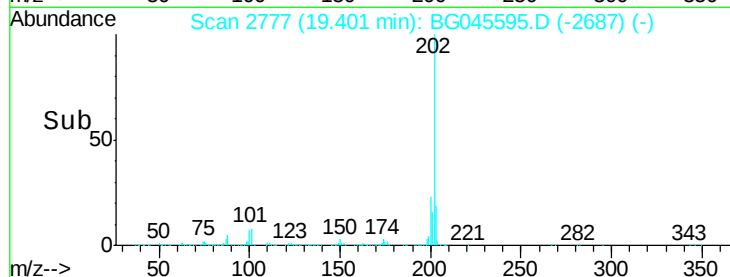
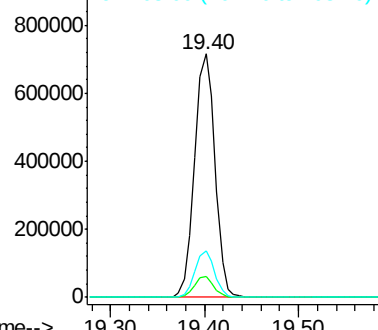
202 100

101 8.4 0.0 28.3

203 18.8 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: BG045595.D

Acq: 4 Jun 2020 2:24

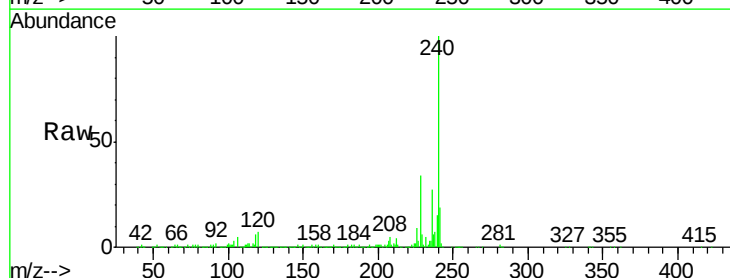
Tgt Ion:240 Resp: 442697

Ion Ratio Lower Upper

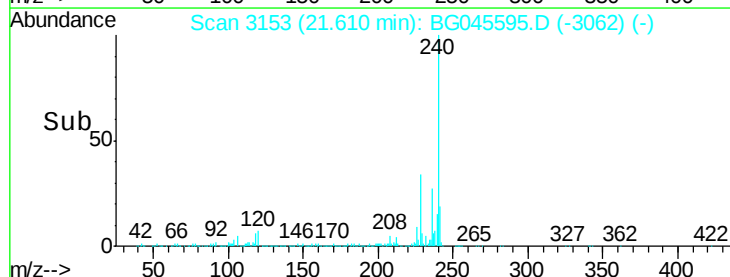
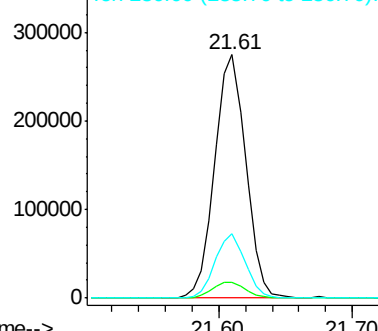
240 100

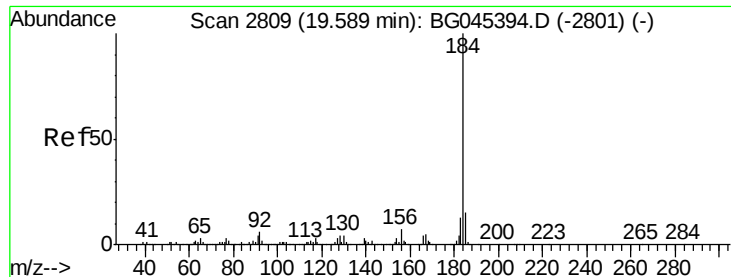
120 6.5 6.1 9.1

236 26.6 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: 37.263 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

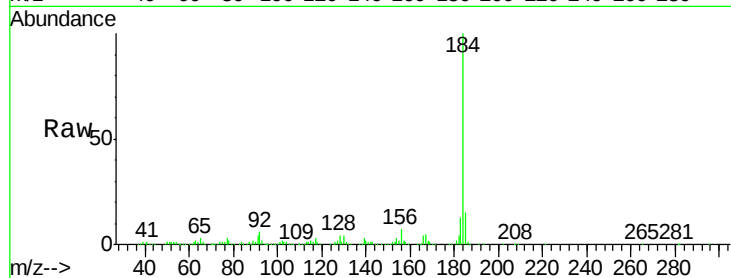
Tot Ion:184 Resp: 463308

Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

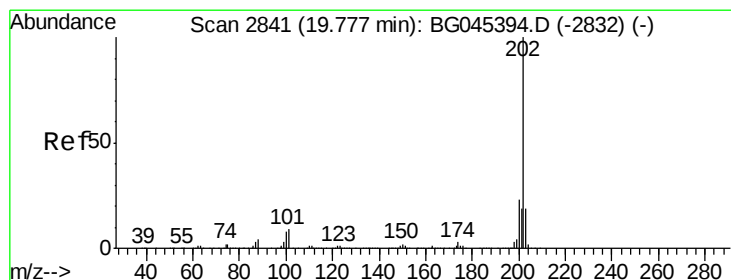
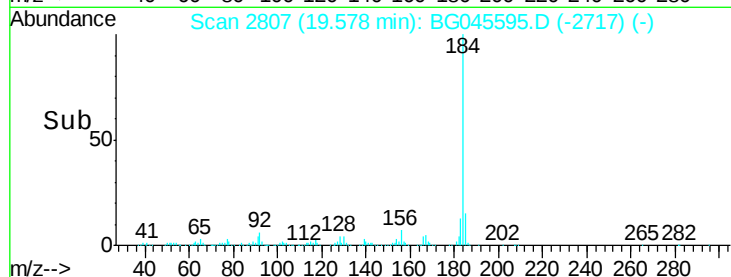
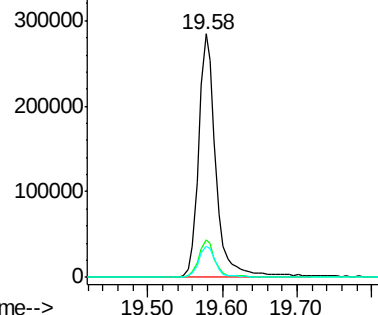
183 12.7 10.2 15.4



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: 42.602 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

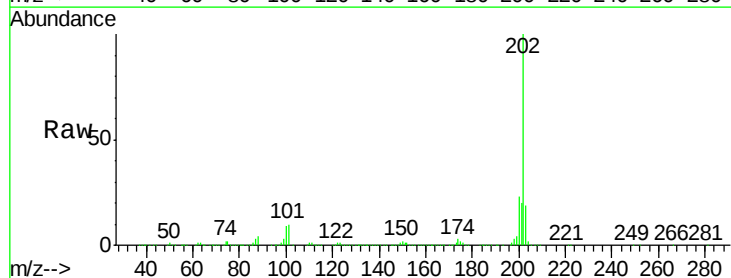
Tgt Ion:202 Resp: 1075093

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

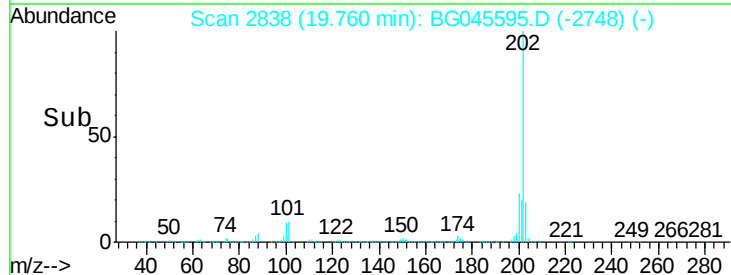
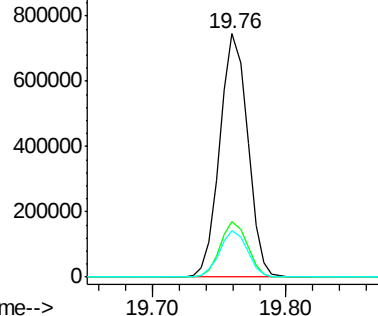
203 19.3 15.1 22.7

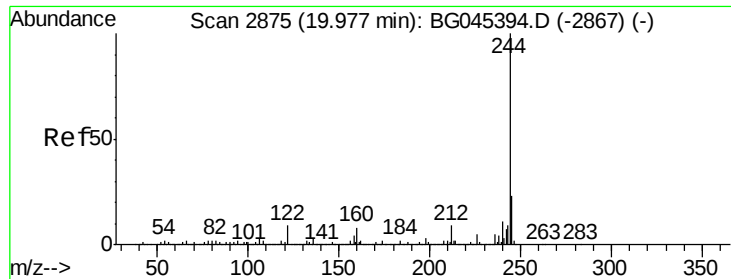


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.536 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

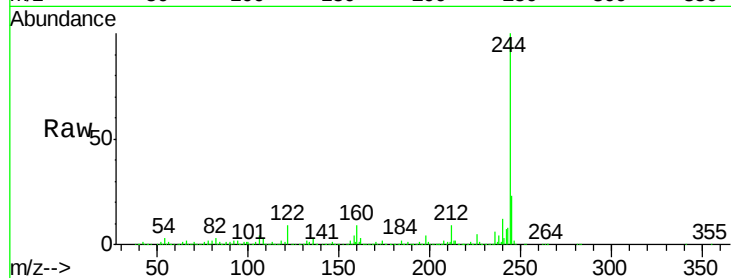
Tot Ion:244 Resp: 1623571

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

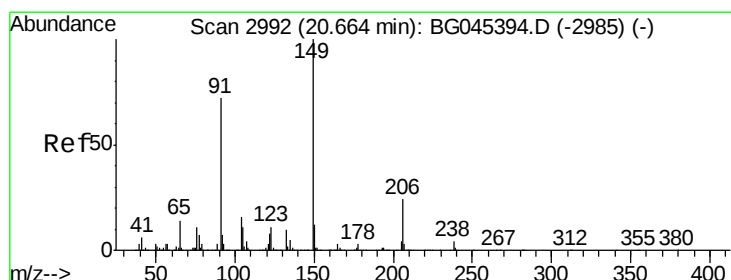
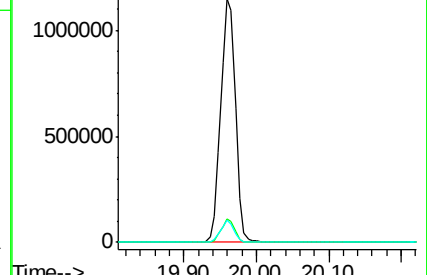
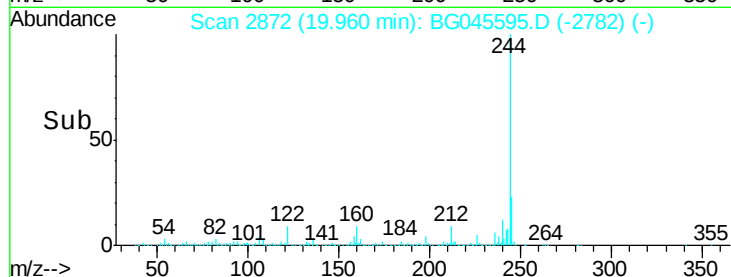
122 8.9 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.399 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

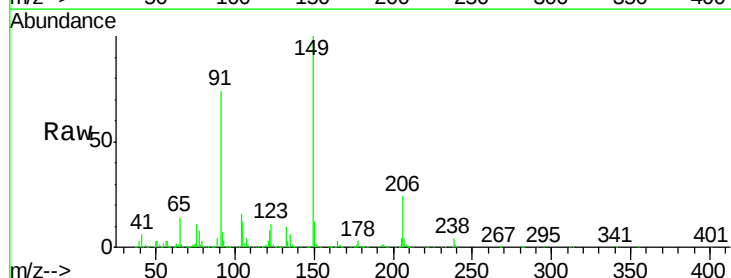
Tgt Ion:149 Resp: 450942

Ion Ratio Lower Upper

149 100

91 74.5 57.8 86.6

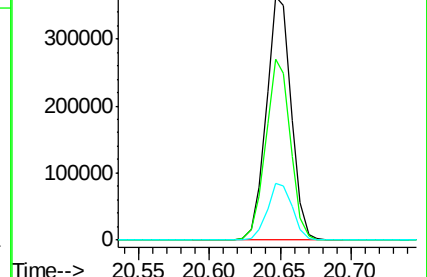
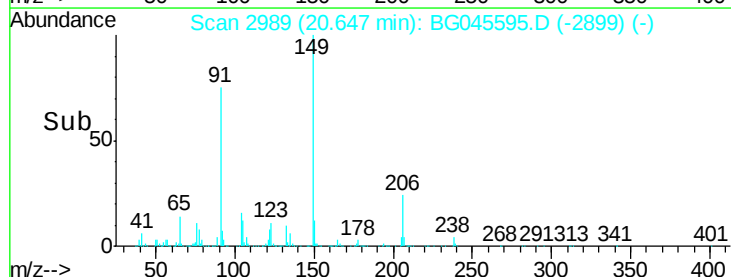
206 23.5 19.1 28.7

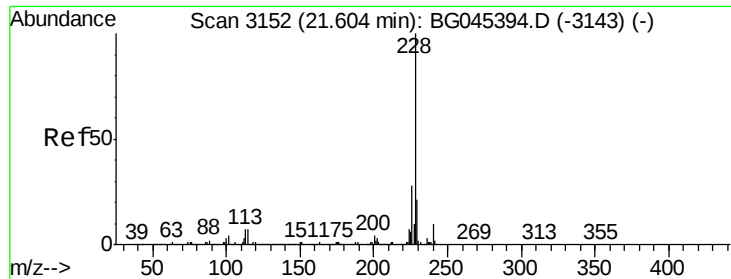


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

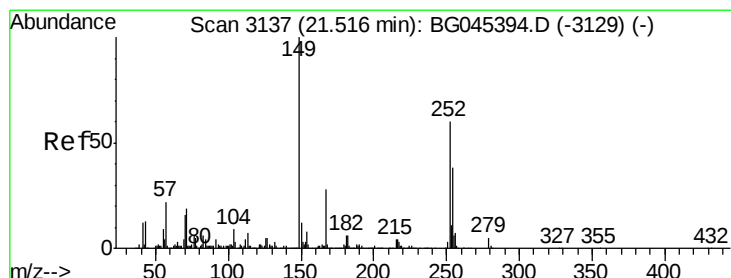
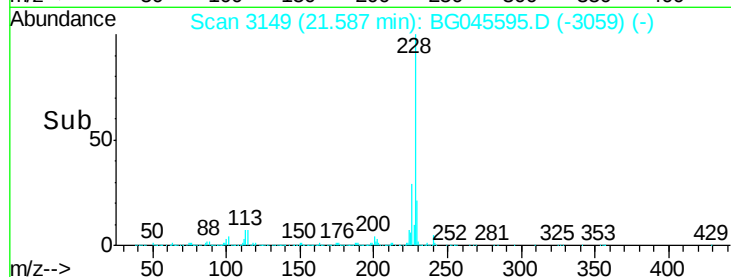
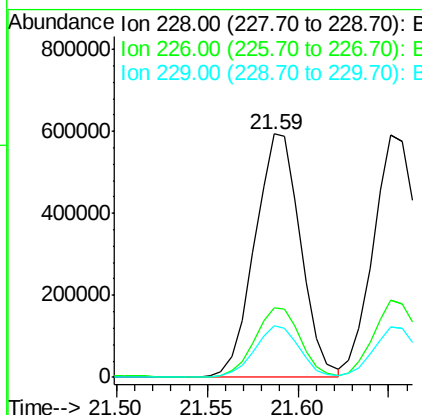
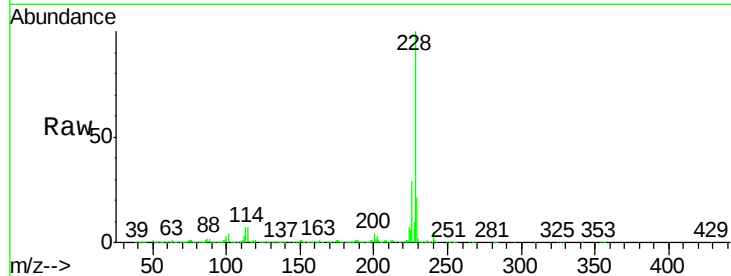




#81
Benzo(a)anthracene
Concen: 42.493 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

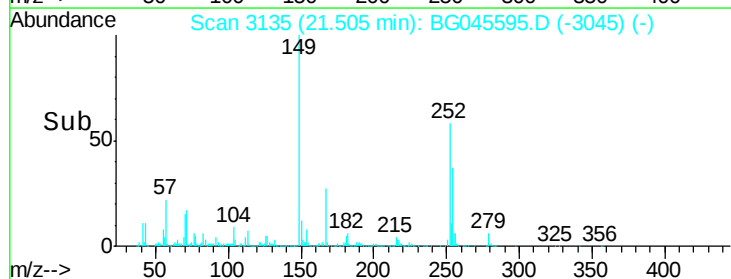
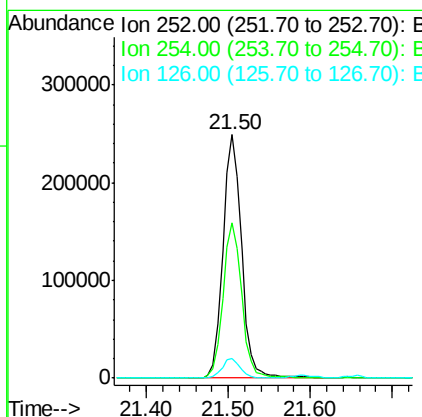
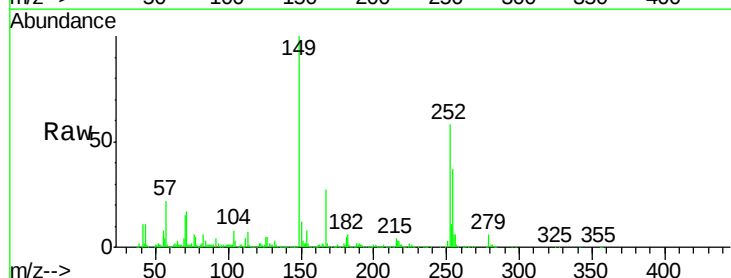
Instrument :
BNA_G
ClientSampleId :

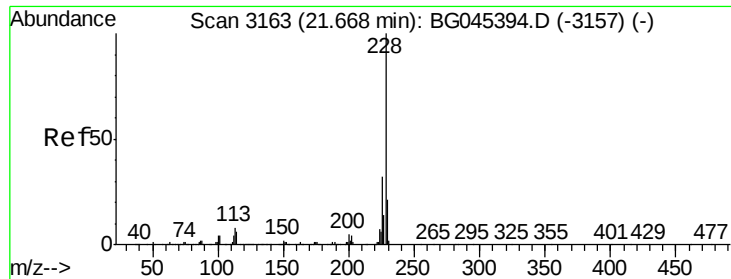
Tot Ion:228 Resp: 1047929
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 21.2 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 40.854 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:252 Resp: 395210
Ion Ratio Lower Upper
252 100
254 63.8 51.3 76.9
126 8.3 6.6 10.0





#83

Chrvsene

Concen: 42.164 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

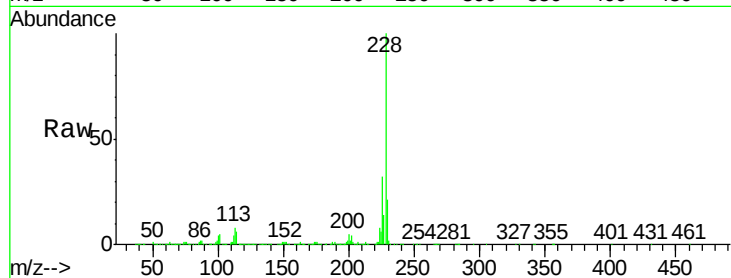
Tot Ion:228 Resp: 999817

Ion Ratio Lower Upper

228 100

226 31.8 25.2 37.8

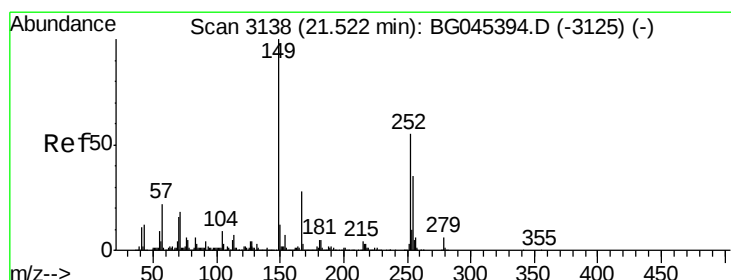
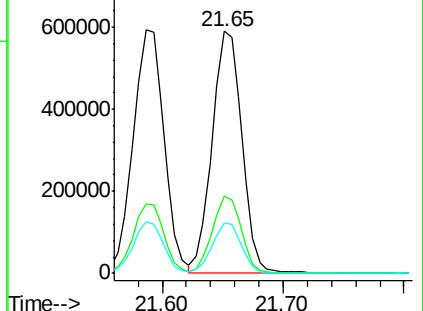
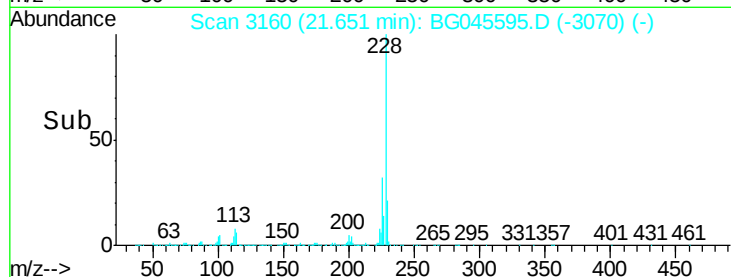
229 21.0 16.7 25.1



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: 41.775 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

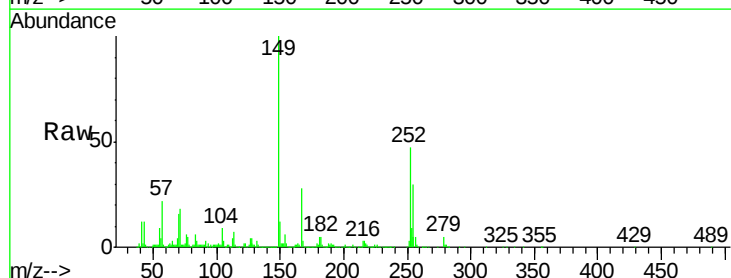
Tgt Ion:149 Resp: 625506

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

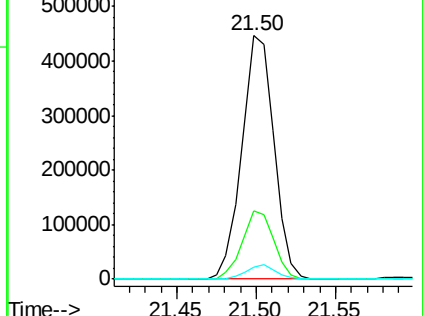
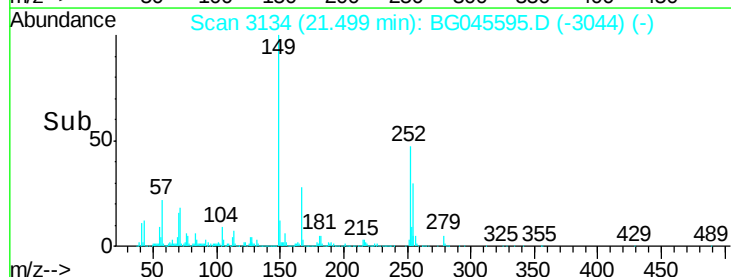
279 5.0 4.7 7.1

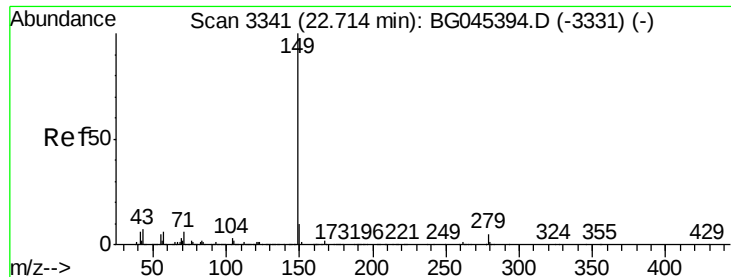


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.874 ng

RT: 22.69 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

Instrument :

BNA_G

ClientSampleId :

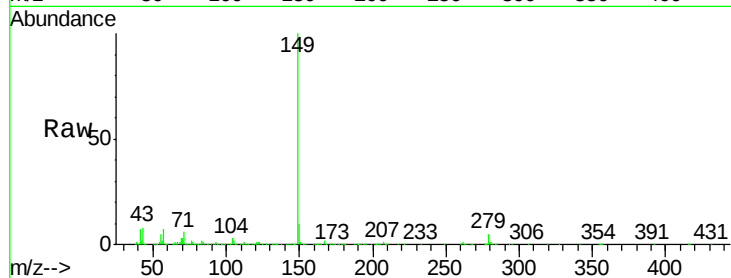
Tot Ion:149 Resp: 1051141

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

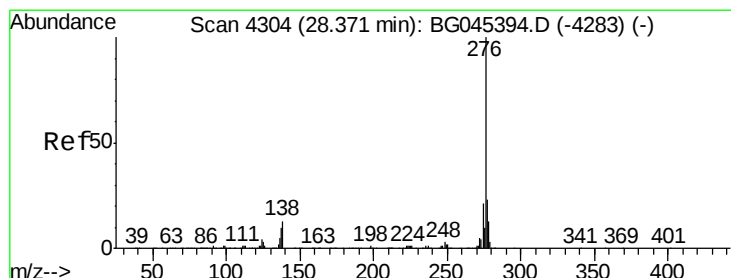
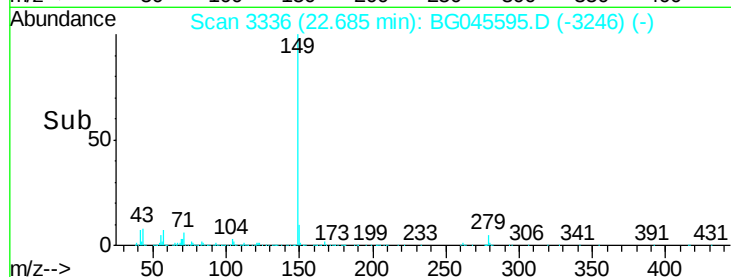
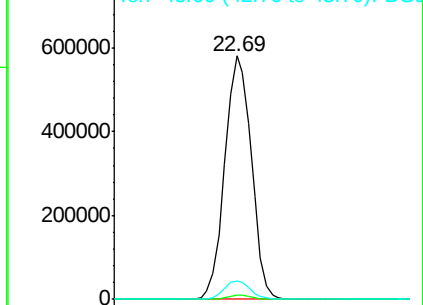
43 7.4 5.8 8.8



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: 41.398 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045595.D

Acq: 4 Jun 2020 2:24

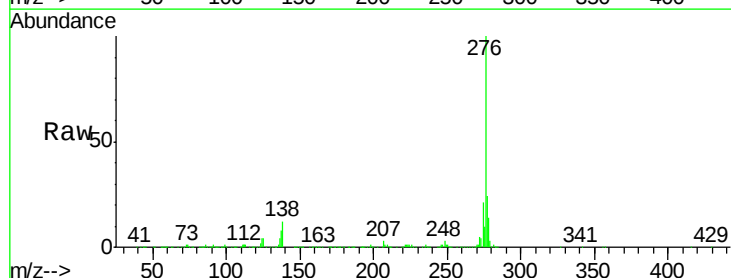
Tgt Ion:276 Resp: 1283689

Ion Ratio Lower Upper

276 100

138 14.8 8.6 12.8#

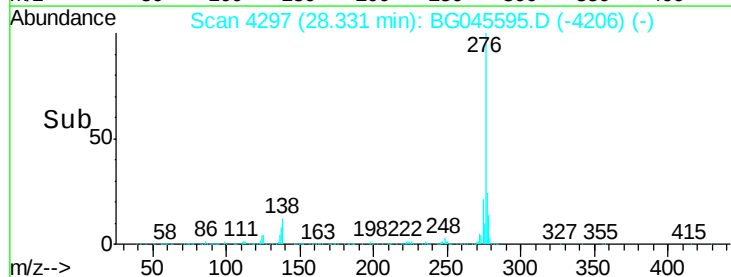
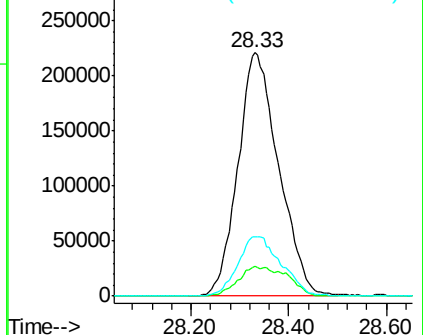
277 26.0 20.2 30.4

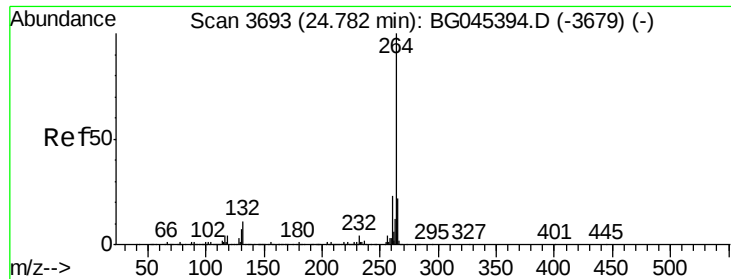


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



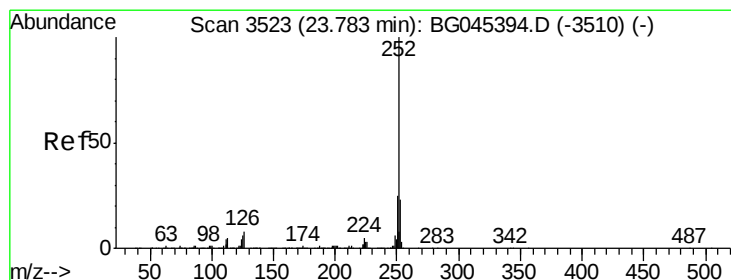
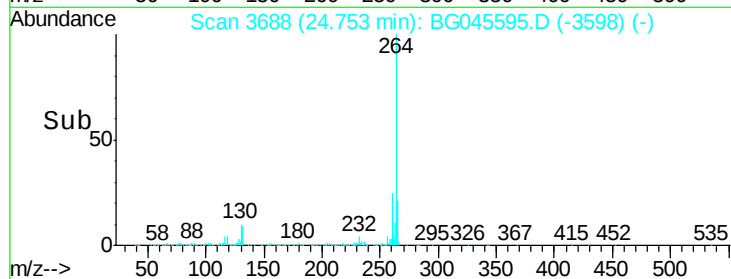
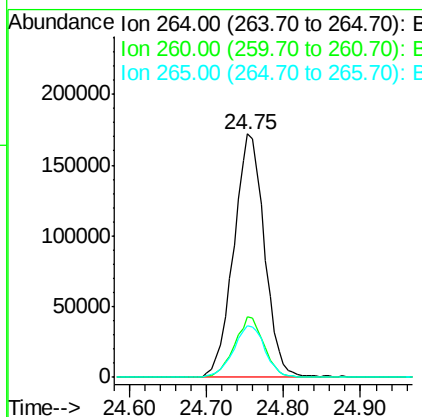
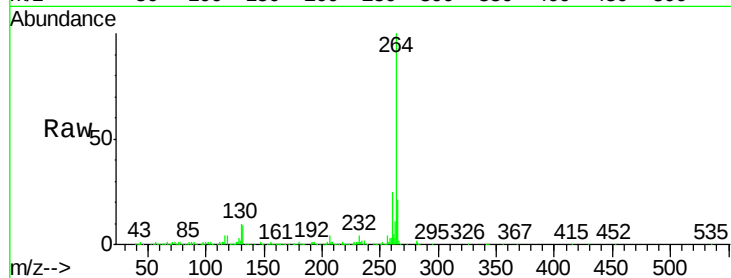


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 480305

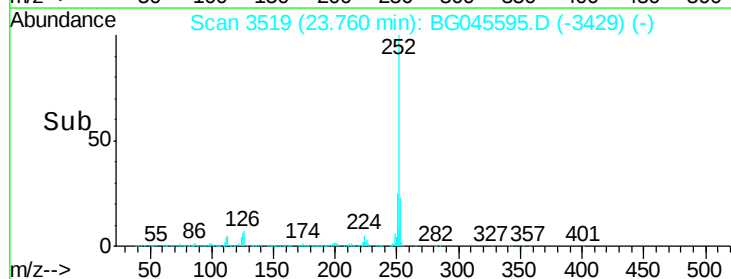
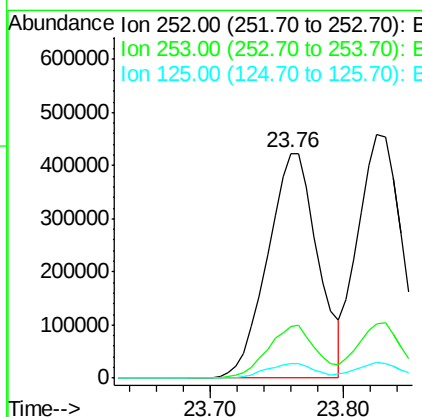
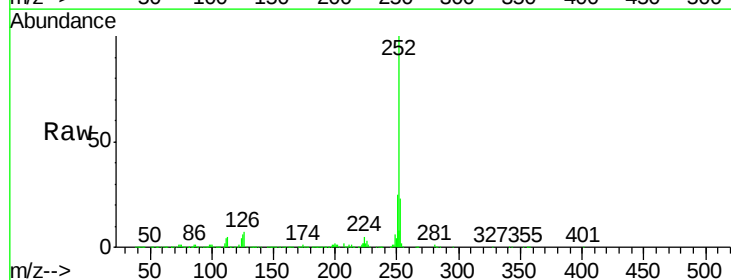
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.4	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 42.934 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:252 Resp: 1105942

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	6.3	5.0	7.6

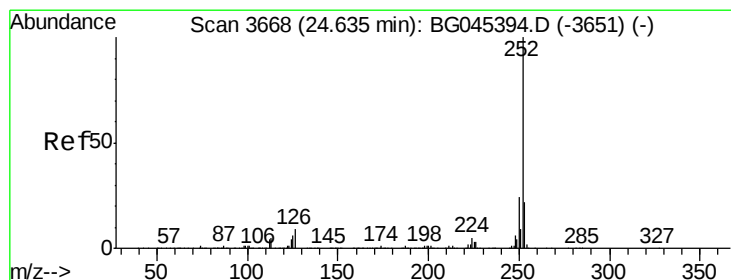
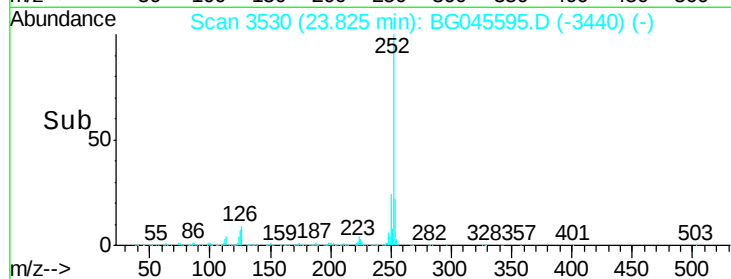
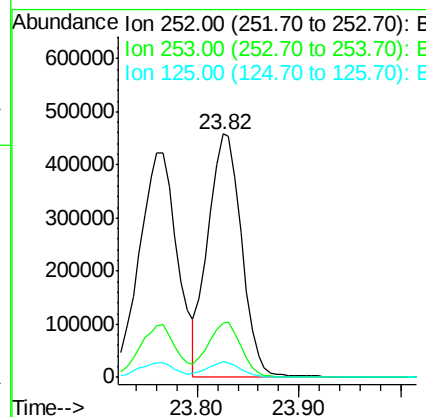
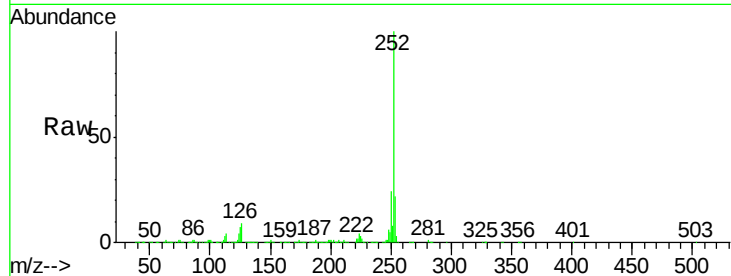




#89
Benzo(k)fluoranthene
Concen: 43.329 ng
RT: 23.82 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

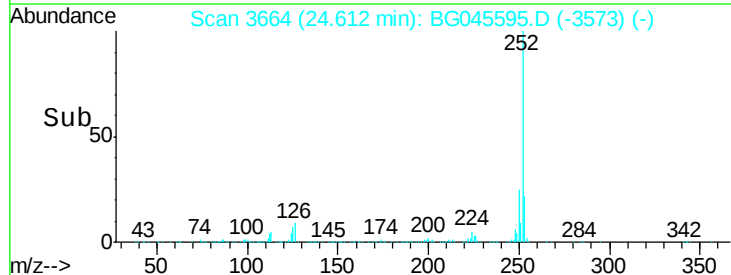
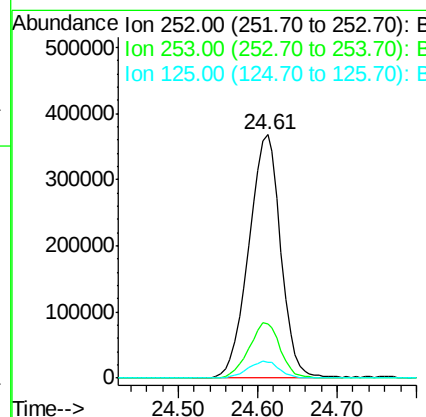
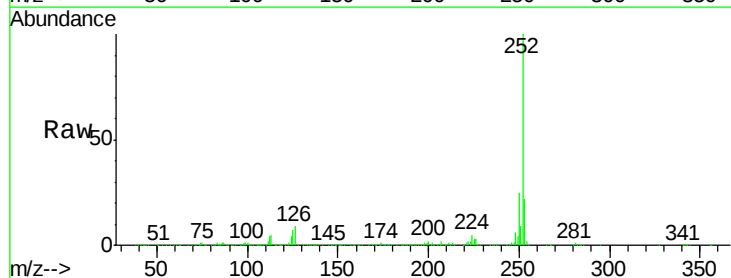
Instrument :
BNA_G
ClientSampleId :

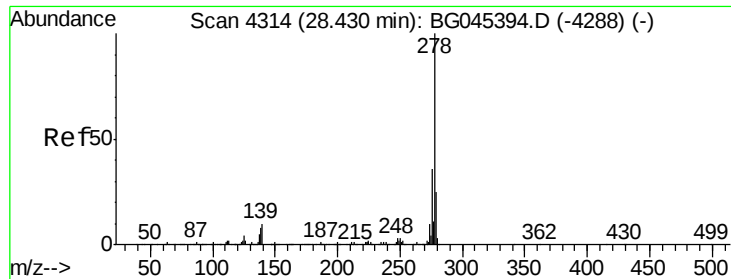
Tot Ion:252 Resp: 1048593
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 6.7 5.7 8.5



#90
Benzo(a)pyrene
Concen: 42.986 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:252 Resp: 1031239
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 6.6 5.0 7.6

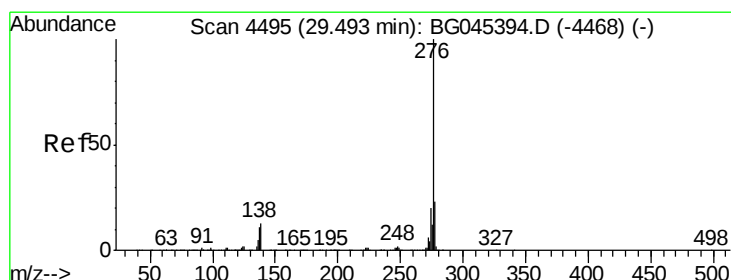
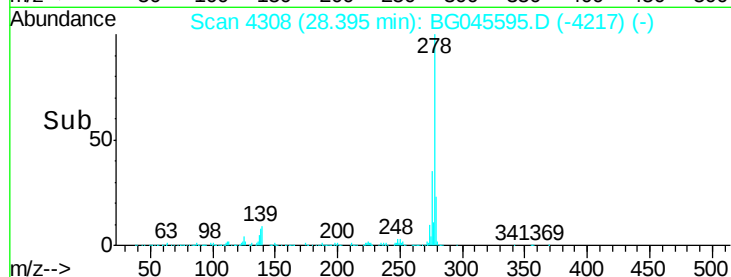
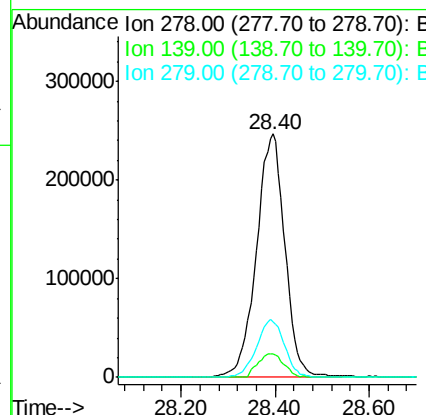
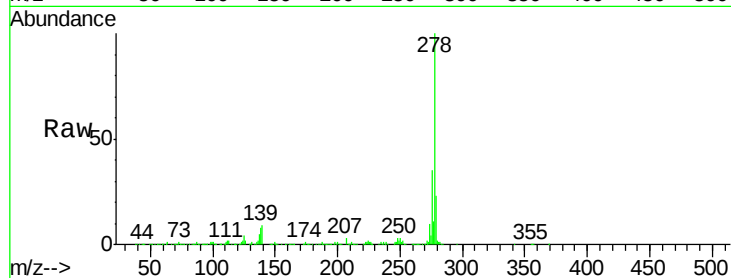




#91
Dibenzo(a,h)anthracene
Concen: 43.106 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1039191
Ion Ratio Lower Upper
278 100
139 9.4 7.8 11.8
279 22.9 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 42.245 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045595.D
Acq: 4 Jun 2020 2:24

Tgt Ion:276 Resp: 1018578
Ion Ratio Lower Upper
276 100
277 24.2 18.1 27.1
138 11.7 10.2 15.4

