

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045572.D
 Acq On : 2 Jun 2020 10:53
 Operator : CG/JU
 Sample : PB129213BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 02 11:31:36 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	7.96	152	54367	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	216593	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	160048	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	394037	20.00	ng	0.00
76) Chrysene-d12	21.61	240	379106	20.00	ng	0.00
87) Perylene-d12	24.76	264	399148	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	445780	160.24	ng	0.00
7) Phenol-d6	7.15	99	614003	155.07	ng	0.00
23) Nitrobenzene-d5	9.12	82	394687	99.37	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	311849	152.36	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	900113	95.40	ng	0.00
79) Terphenyl-d14	19.96	244	1650990	101.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	55562	40.276	ng	98
3) Pyridine	3.80	79	126899	33.029	ng	95
4) n-Nitrosodimethylamine	3.71	42	60793	48.355	ng	88
6) Aniline	7.28	93	204625	39.589	ng	98
8) 2-Chlorophenol	7.53	128	158980	52.112	ng	97
9) Benzaldehyde	7.08	77	98908	38.341	ng	93
10) Phenol	7.18	94	208215	51.023	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	144764	45.480	ng	99
12) 1,3-Dichlorobenzene	7.84	146	170515	46.511	ng	99
13) 1,4-Dichlorobenzene	7.99	146	169155	46.754	ng	98
14) 1,2-Dichlorobenzene	8.31	146	160068	46.000	ng	99
15) Benzyl Alcohol	8.20	79	162426	49.658	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	136856	45.295	ng	99
17) 2-Methylphenol	8.42	107	142614	46.690	ng	98
18) Hexachloroethane	9.04	117	68308	49.296	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	132224	48.291	ng	99
20) 3+4-Methylphenols	8.75	107	195398	46.978	ng	95
22) Acetophenone	8.77	105	235295	45.835	ng	96
24) Nitrobenzene	9.16	77	198574	46.663	ng	99
25) Isophorone	9.68	82	368986	47.172	ng	98
26) 2-Nitrophenol	9.87	139	91493	50.260	ng	95
27) 2,4-Dimethylphenol	9.95	122	146496	54.258	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	202504	49.365	ng	94
29) 2,4-Dichlorophenol	10.43	162	162598	50.998	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	177447	47.100	ng	95
31) Naphthalene	10.81	128	476215	47.182	ng	98
32) Benzoic acid	10.12	122	92791	50.003	ng	96
33) 4-Chloroaniline	10.92	127	134618	31.908	ng	97
34) Hexachlorobutadiene	11.10	225	121138	45.487	ng	97
35) Caprolactam	11.69	113	38063	32.525	ng	91
36) 4-Chloro-3-methylphenol	12.08	107	190985	53.159	ng	95
37) 2-Methylnaphthalene	12.42	142	365742	48.618	ng	98
38) 1-Methylnaphthalene	12.64	142	344874	48.531	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	204589	45.765	ng	99

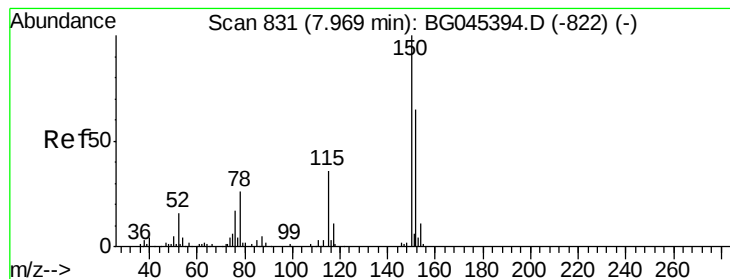
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045572.D
 Acq On : 2 Jun 2020 10:53
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	251626	97.521	nq	99
43) 2,4,6-Trichlorophenol	13.04	196	149713	48.210	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	157683	44.434	nq	97
46) 1,1'-Biphenyl	13.43	154	471626	47.958	nq	99
47) 2-Chloronaphthalene	13.47	162	359026	44.958	nq	99
48) 2-Nitroaniline	13.67	65	126737	48.246	nq	99
49) Acenaphthylene	14.32	152	609784	47.539	nq	97
50) Dimethylphthalate	14.06	163	520464	47.405	nq	100
51) 2,6-Dinitrotoluene	14.17	165	117254	47.328	nq	95
52) Acenaphthene	14.66	154	354851	41.328	nq	97
53) 3-Nitroaniline	14.51	138	86446	34.325	nq	99
54) 2,4-Dinitrophenol	14.71	184	135285	83.131	nq	96
55) Dibenzofuran	15.00	168	596113	46.751	nq	97
56) 4-Nitrophenol	14.85	139	186640	97.886	nq	91
57) 2,4-Dinitrotoluene	14.97	165	175593	48.939	nq	# 98
58) Fluorene	15.65	166	492036	46.971	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	152513	48.850	nq	98
60) Diethylphthalate	15.42	149	544239	47.625	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	275795	46.009	nq	99
62) 4-Nitroaniline	15.68	138	126278	48.030	nq	97
63) Azobenzene	15.94	77	510572	47.916	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	110792	48.278	nq	99
66) n-Nitrosodiphenylamine	15.86	169	453829	47.969	nq	95
67) 4-Bromophenyl-phenylether	16.53	248	192974	45.227	nq	96
68) Hexachlorobenzene	16.66	284	213487	47.838	nq	99
69) Atrazine	16.81	200	183568	47.107	nq	98
70) Pentachlorophenol	17.01	266	218531	94.308	nq	97
71) Phenanthrene	17.39	178	832585	48.401	nq	99
72) Anthracene	17.48	178	858229	49.681	nq	99
73) Carbazole	17.75	167	822137	48.824	nq	100
74) Di-n-butylphthalate	18.31	149	975735	48.278	nq	99
75) Fluoranthene	19.40	202	1052219	48.091	nq	99
77) Benzidine	19.58	184	517849	48.636	nq	99
78) Pyrene	19.76	202	1058285	48.971	nq	99
80) Butylbenzylphthalate	20.65	149	426123	45.683	nq	99
81) Benzo(a)anthracene	21.59	228	1001781	47.436	nq	99
82) 3,3'-Dichlorobenzidine	21.50	252	303881	36.683	nq	100
83) Chrysene	21.66	228	955083	47.033	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	600415	46.826	nq	100
85) Di-n-octyl phthalate	22.69	149	1010970	45.906	nq	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1216141	45.798	nq	98
88) Benzo(b)fluoranthene	23.77	252	1054689	49.269	nq	99
89) Benzo(k)fluoranthene	23.82	252	1020495	50.742	nq	99
90) Benzo(a)pyrene	24.61	252	954499	47.876	nq	98
91) Dibenzo(a,h)anthracene	28.40	278	1006432	50.235	nq	97
92) Benzo(g,h,i)perylene	29.45	276	1016143	50.713	nq	98

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

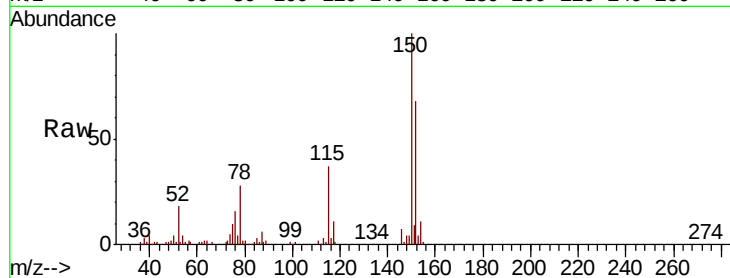


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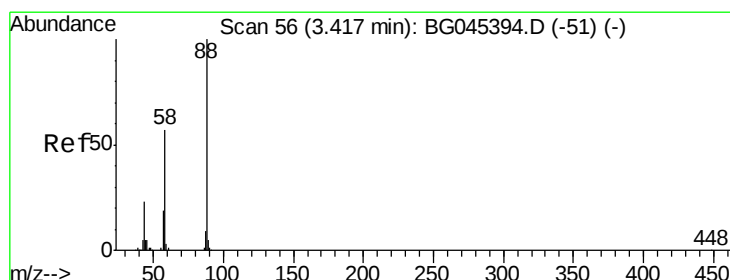
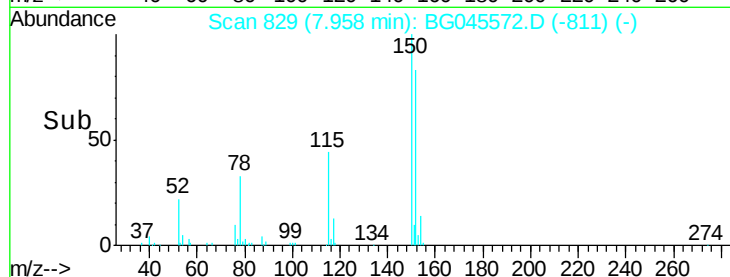
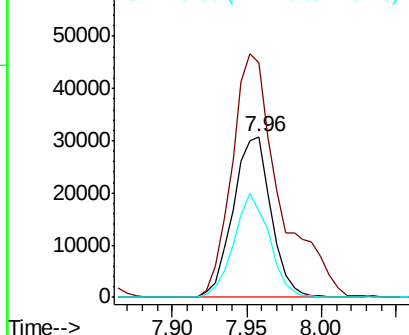
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54367
Ion Ratio Lower Upper
152 100
150 146.0 122.4 183.6
115 53.5 44.2 66.4



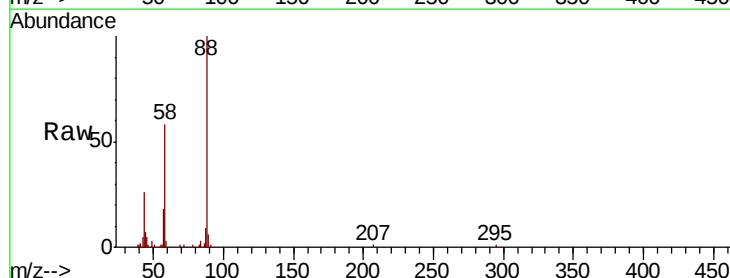
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



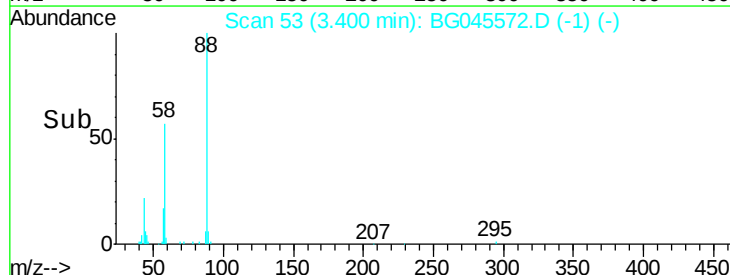
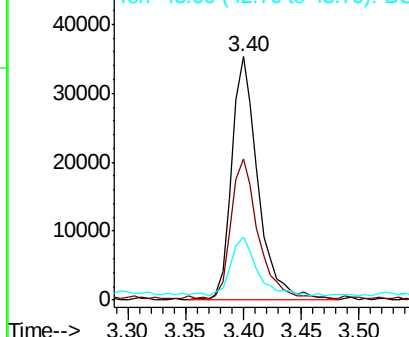
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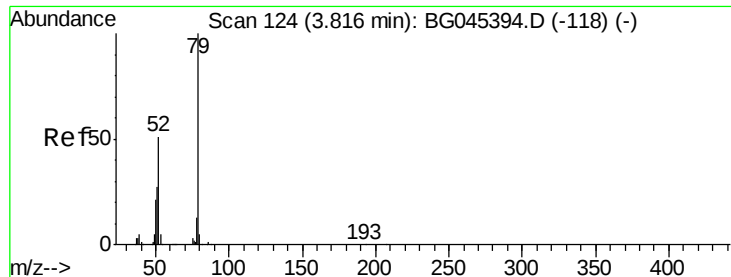
1,4-Dioxane
Concen: 40.276 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion: 88 Resp: 55562
Ion Ratio Lower Upper
88 100
58 57.9 45.7 68.5
43 23.8 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: 33.029 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

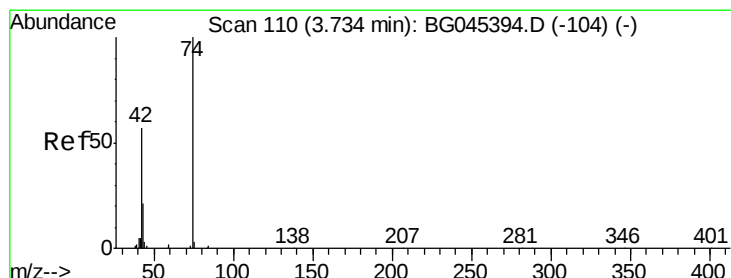
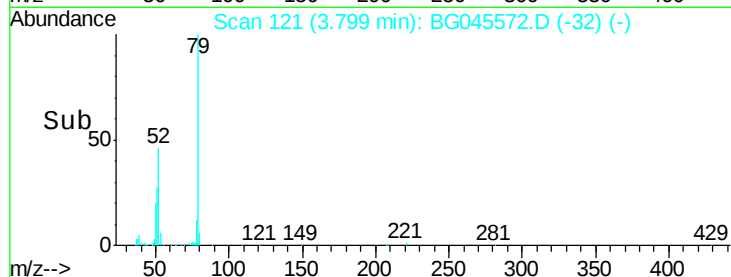
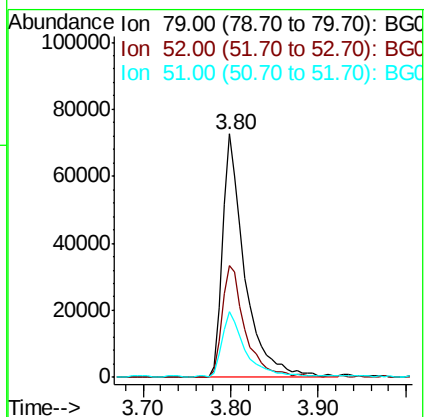
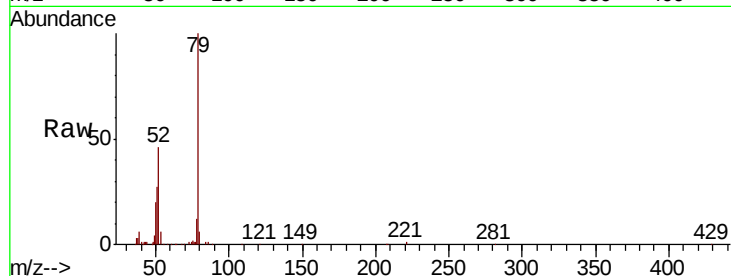
Tot Ion: 79 Resp: 126899

Ion Ratio Lower Upper

79 100

52 45.8 40.8 61.2

51 27.2 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 48.355 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

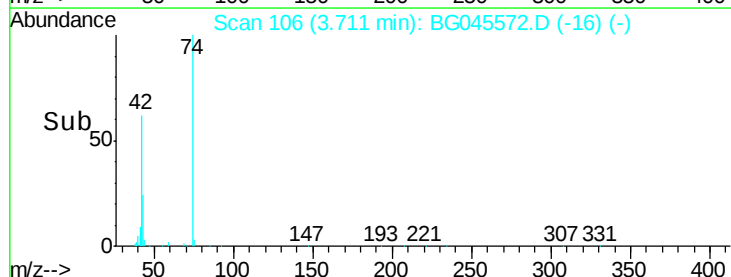
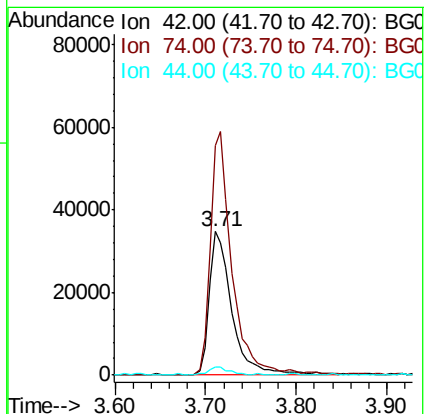
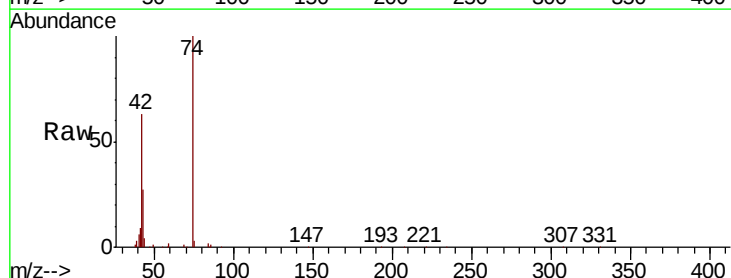
Tgt Ion: 42 Resp: 60793

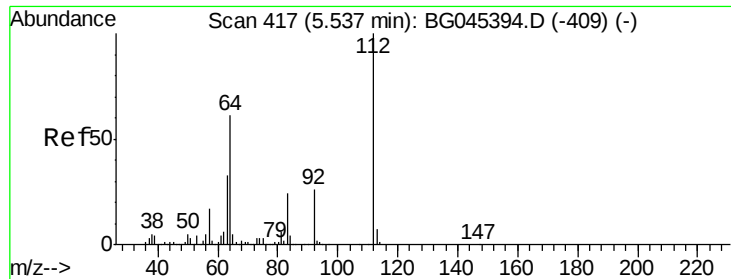
Ion Ratio Lower Upper

42 100

74 159.9 141.3 211.9

44 5.8 4.2 6.4





#5

2-Fluorophenol

Concen: 160.242 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

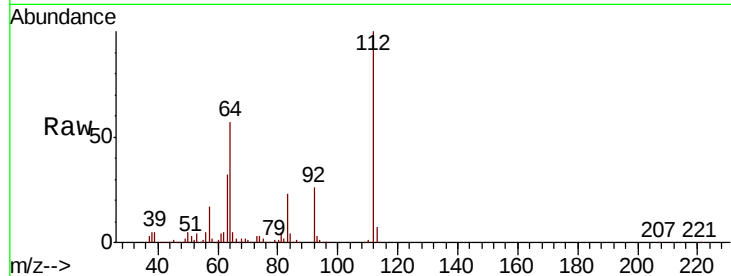
Tot Ion:112 Resp: 445780

Ion Ratio Lower Upper

112 100

64 57.5 48.6 72.8

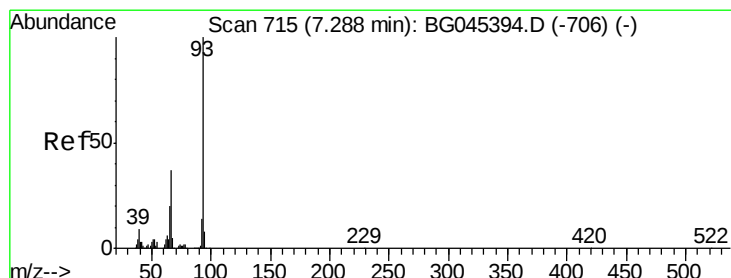
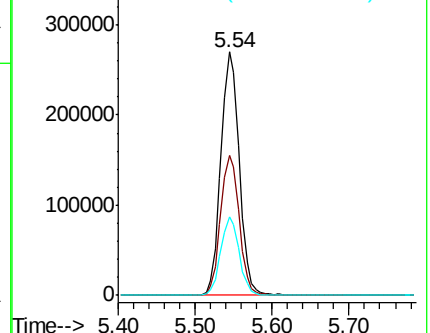
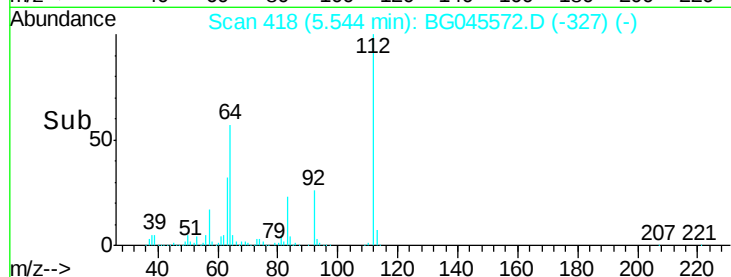
63 32.5 26.5 39.7



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: 39.589 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

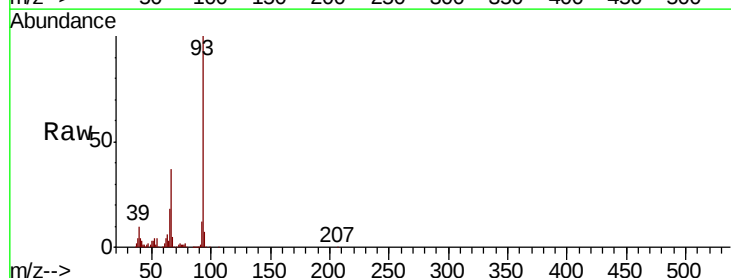
Tgt Ion: 93 Resp: 204625

Ion Ratio Lower Upper

93 100

66 37.4 29.6 44.4

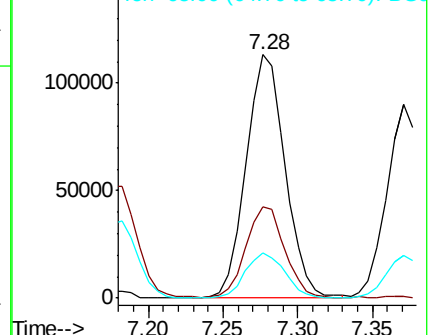
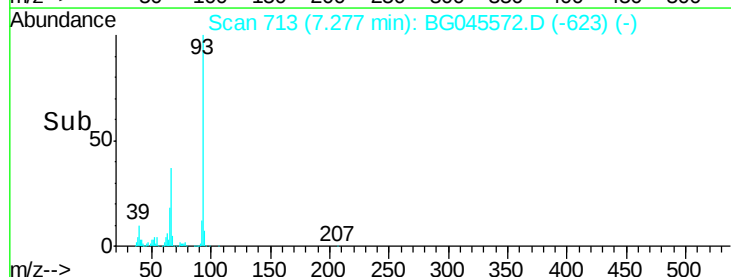
65 18.5 15.9 23.9

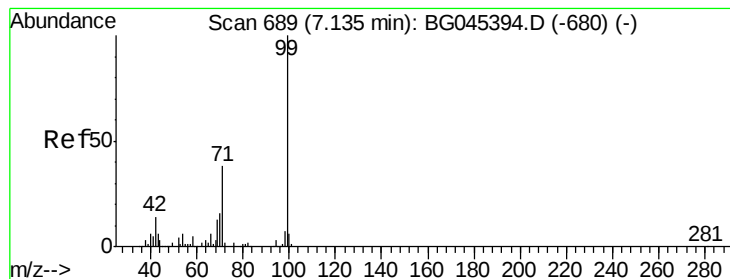


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 155.071 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

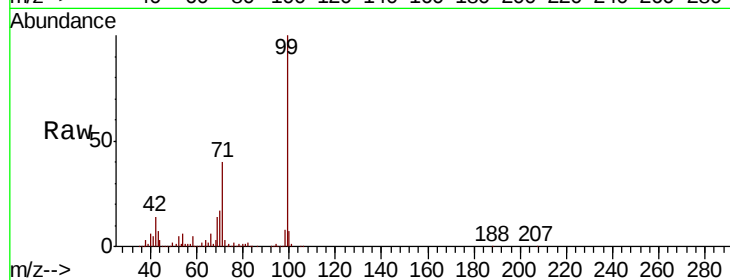
Tot Ion: 99 Resp: 614003

Ion Ratio Lower Upper

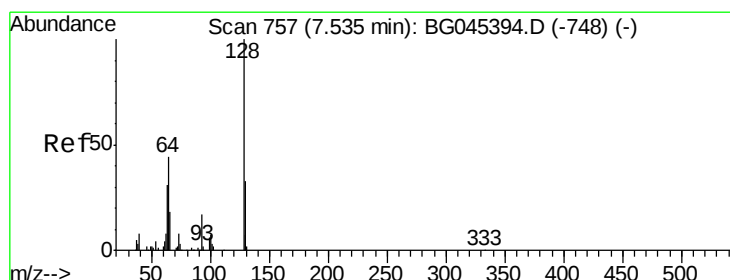
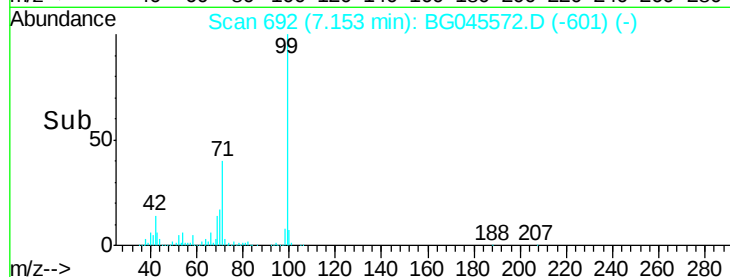
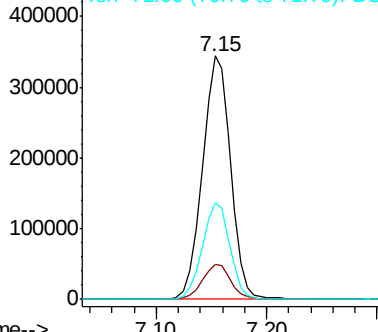
99 100

42 14.5 11.3 16.9

71 39.8 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: 52.112 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

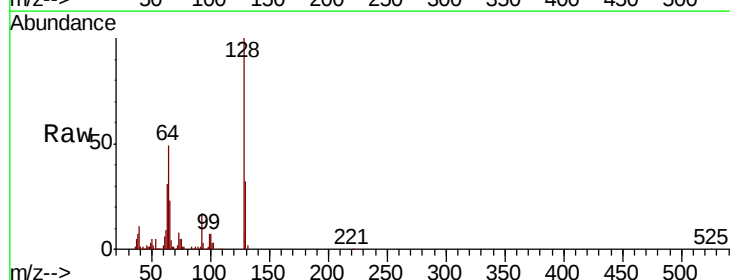
Tgt Ion:128 Resp: 158980

Ion Ratio Lower Upper

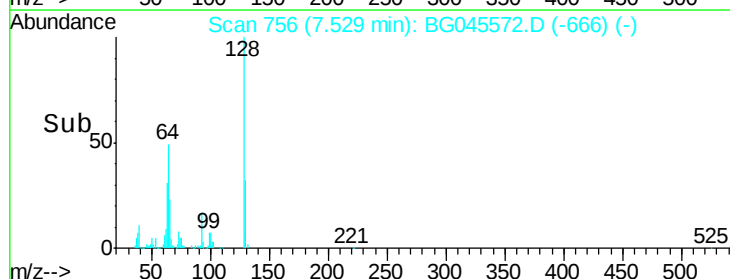
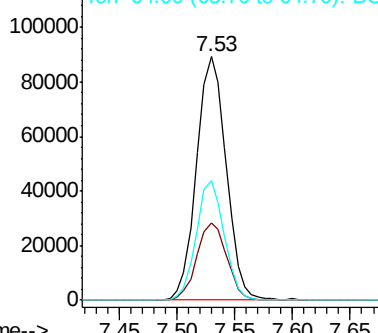
128 100

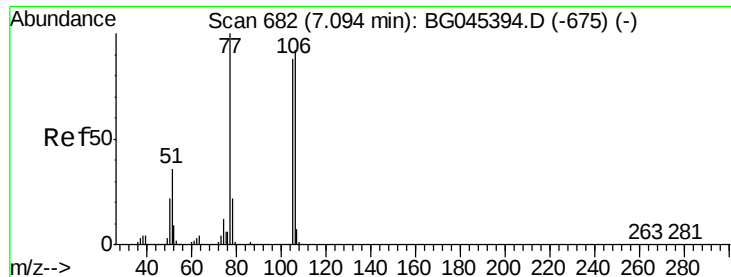
130 31.5 12.6 52.6

64 49.1 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: 38.341 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

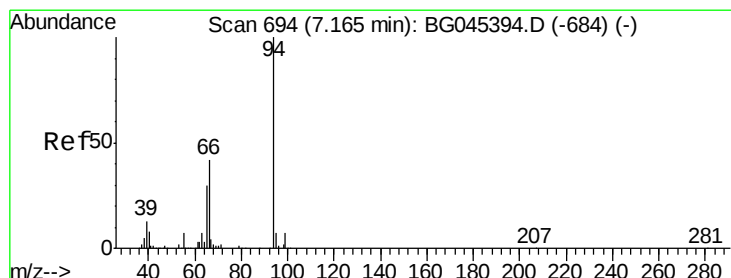
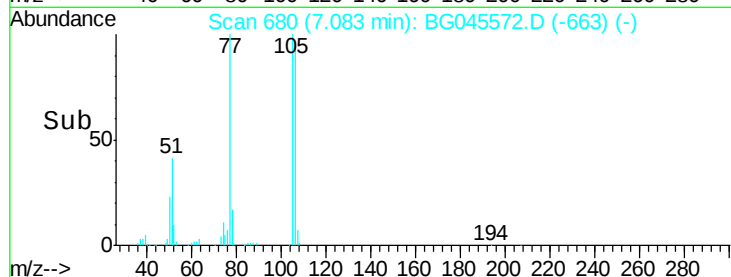
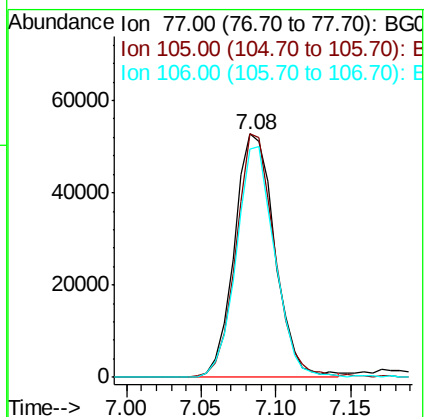
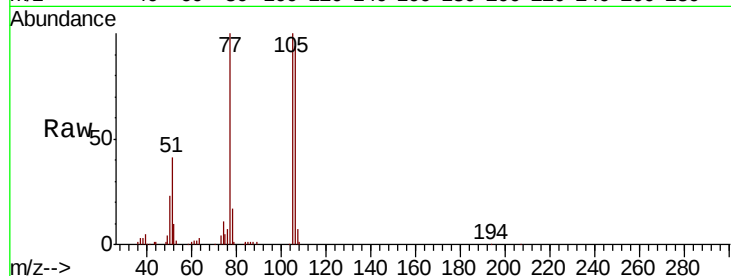
Tot Ion: 77 Resp: 98908

Ion Ratio Lower Upper

77 100

105 100.2 68.5 108.5

106 94.0 71.6 111.6



#10

Phenol

Concen: 51.023 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

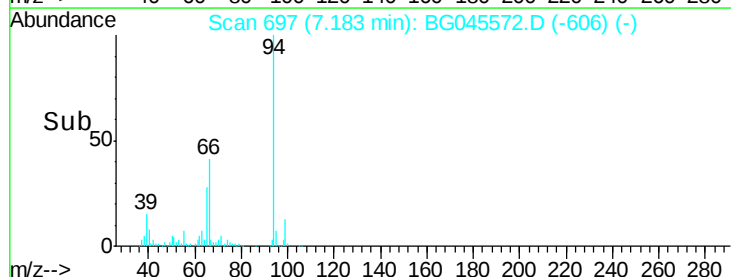
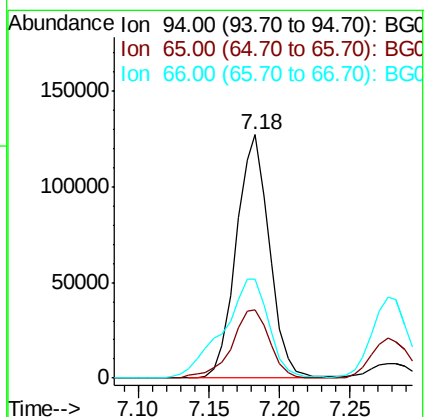
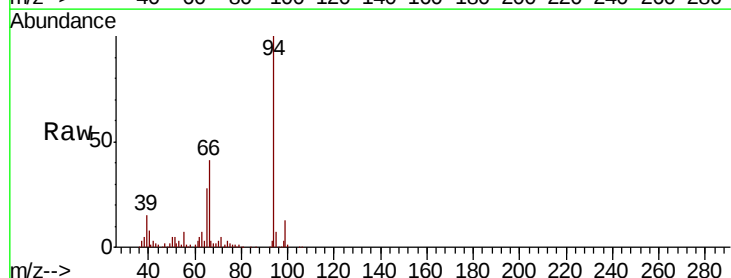
Tgt Ion: 94 Resp: 208215

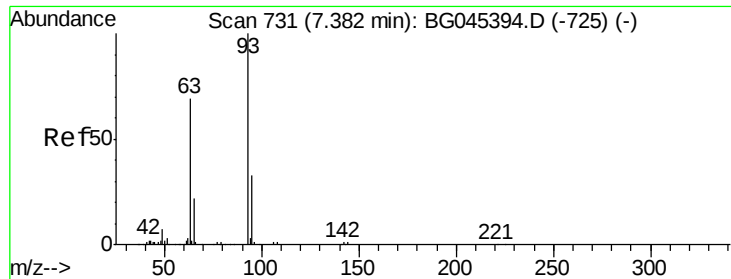
Ion Ratio Lower Upper

94 100

65 28.3 9.8 49.8

66 40.9 22.0 62.0

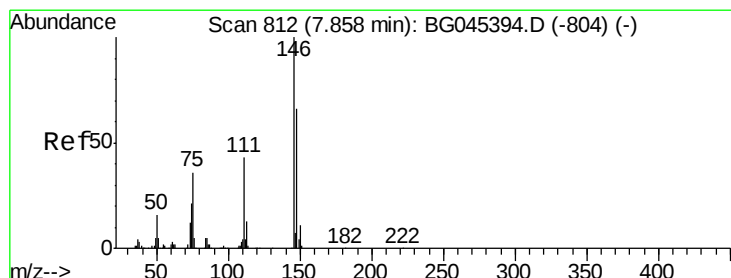
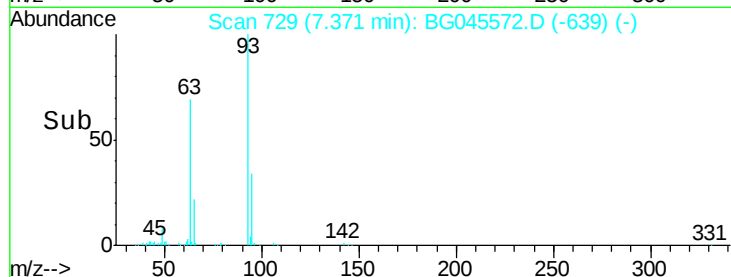
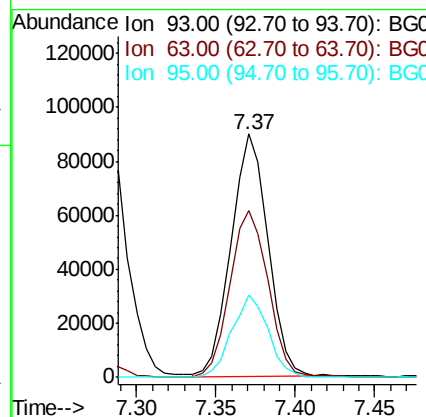
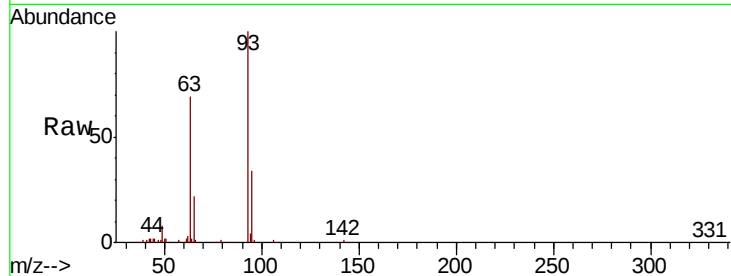




#11
bis(2-Chloroethyl)ether
Concen: 45.480 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

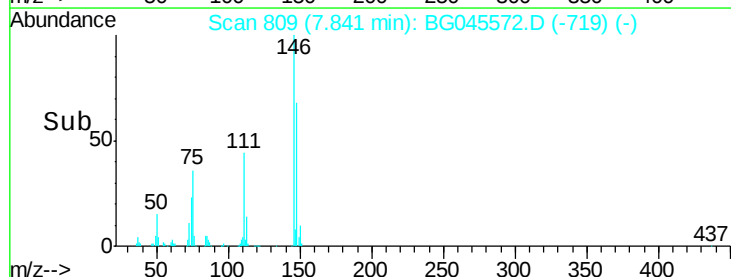
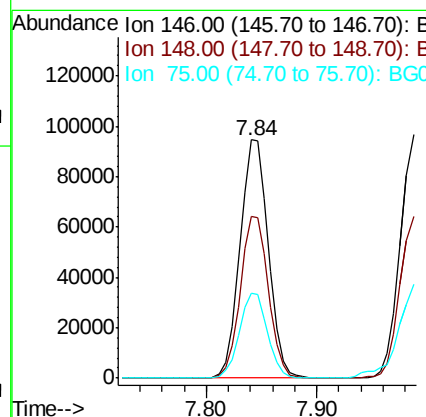
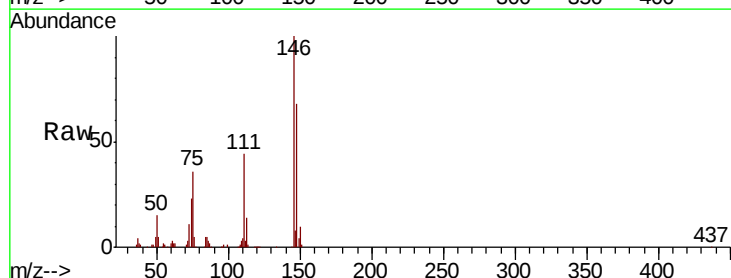
Instrument :
BNA_G
ClientSampleId :

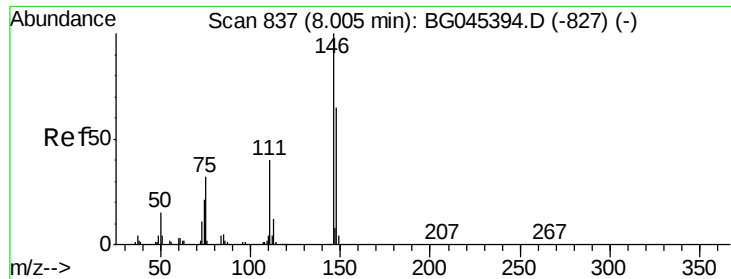
Tot Ion	93	Resp	144764
Ion	Ratio	Lower	Upper
93	100		
63	68.7	48.4	88.4
95	33.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 46.511 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	146	Resp	170515
Ion	Ratio	Lower	Upper
146	100		
148	68.0	53.2	79.8
75	35.7	28.6	43.0

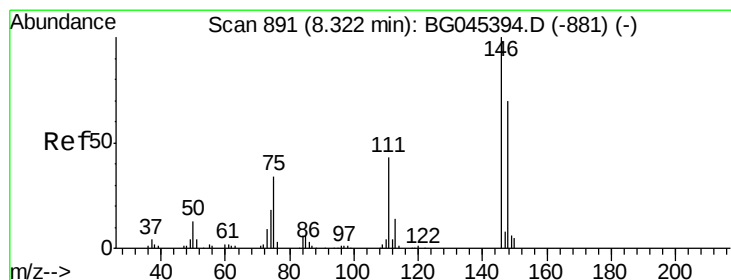
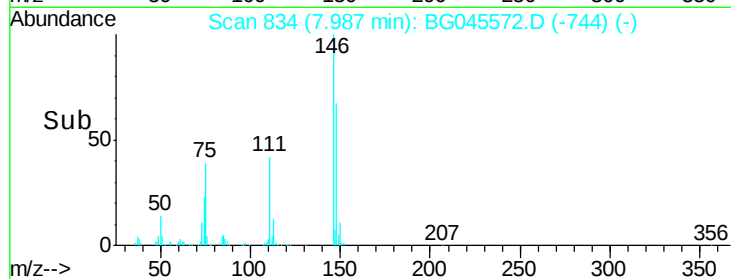
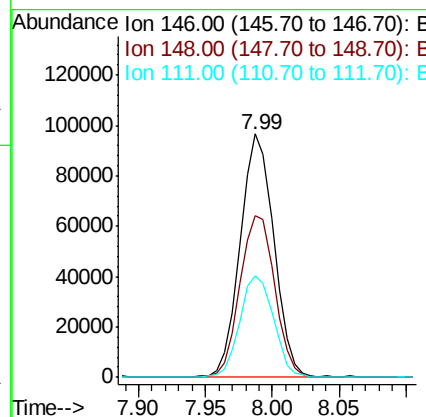
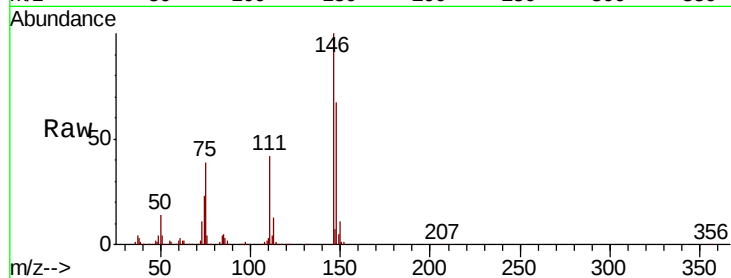




#13
 1,4-Dichlorobenzene
 Concen: 46.754 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

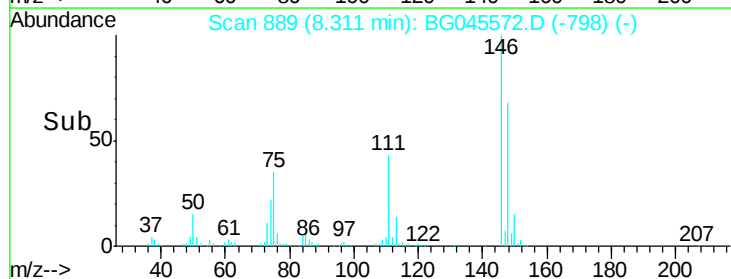
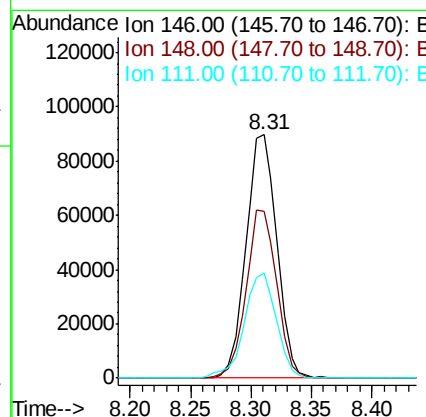
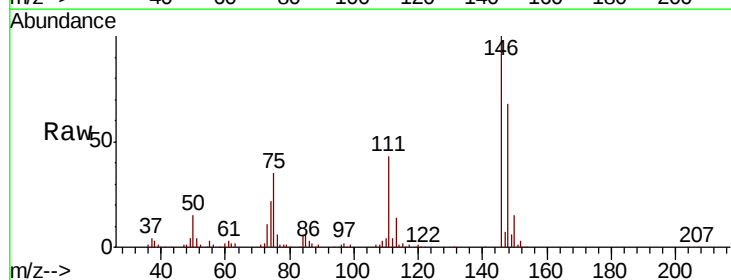
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.8	77.8
111	41.8	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 46.000 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	55.9	83.9
111	43.5	35.0	52.4





#15

Benzyl Alcohol

Concen: 49.658 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

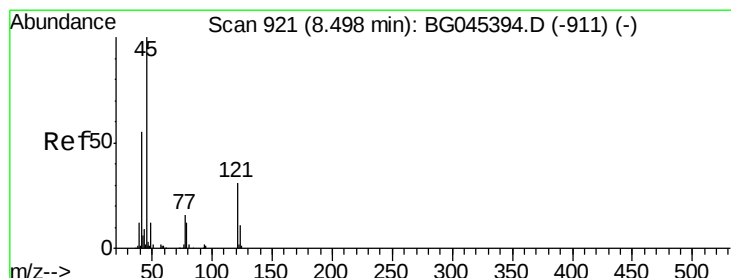
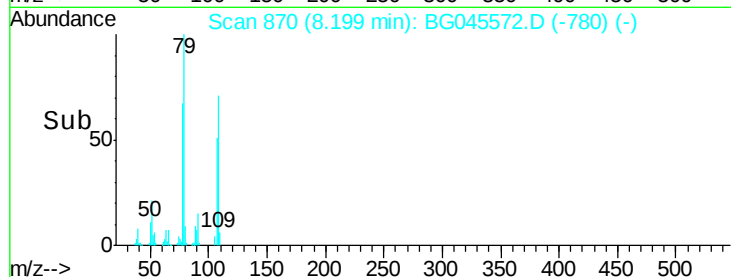
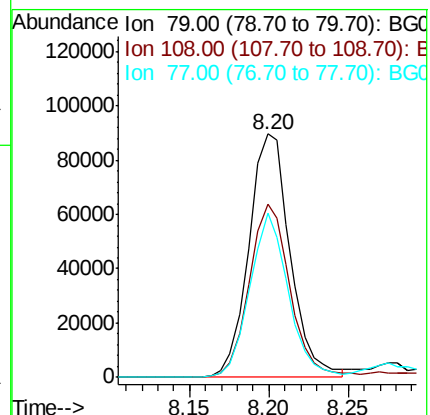
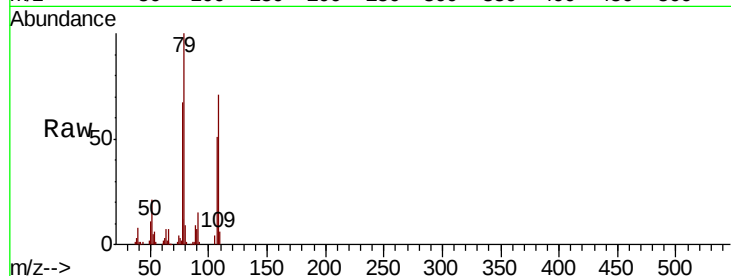
Tot Ion: 79 Resp: 162426

Ion Ratio Lower Upper

79 100

108 71.0 58.2 87.4

77 67.2 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.295 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

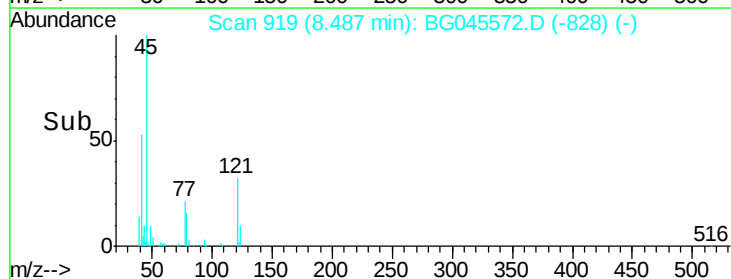
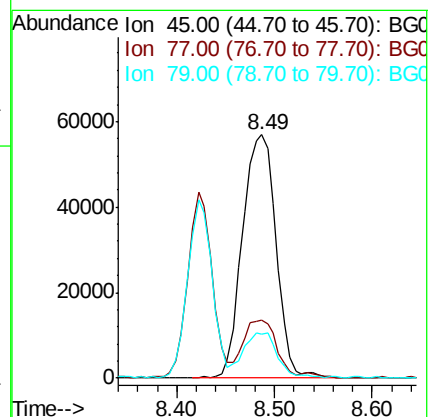
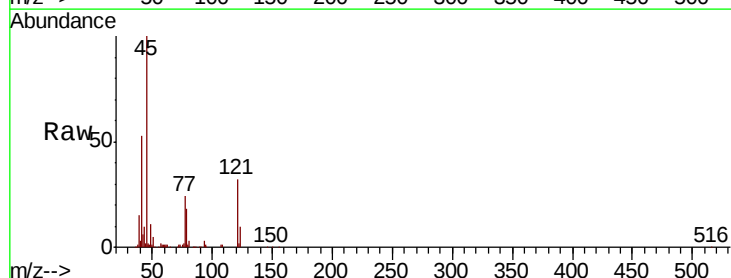
Tgt Ion: 45 Resp: 136856

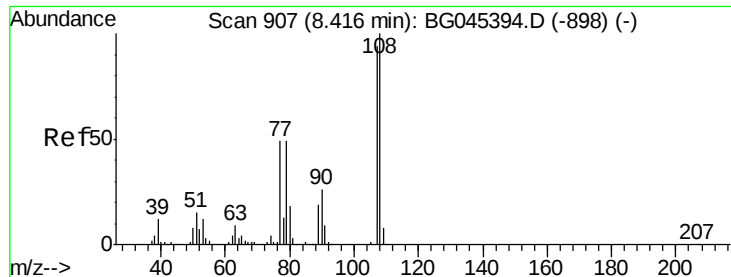
Ion Ratio Lower Upper

45 100

77 24.0 4.0 44.0

79 18.1 0.0 38.6





#17

2-Methylphenol

Concen: 46.690 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 142614

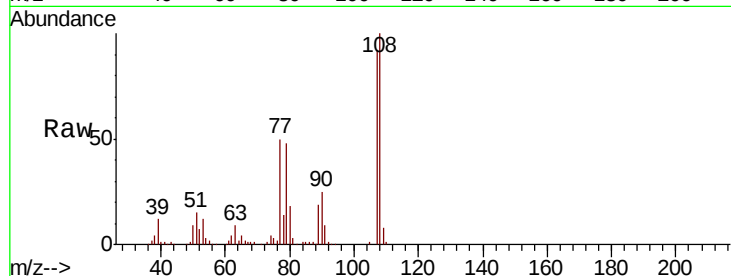
Ion Ratio Lower Upper

107 100

108 109.0 85.2 127.8

77 54.1 41.6 62.4

79 51.9 41.8 62.8

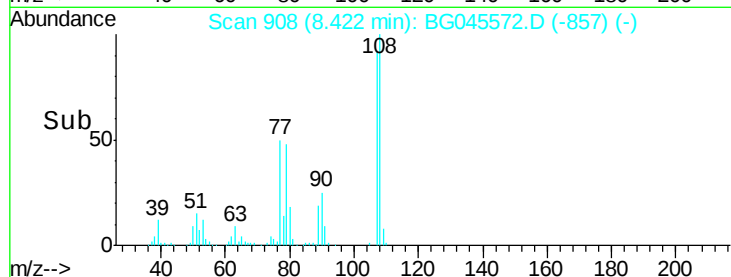


Abundance Ion 107.00 (106.70 to 107.70): E

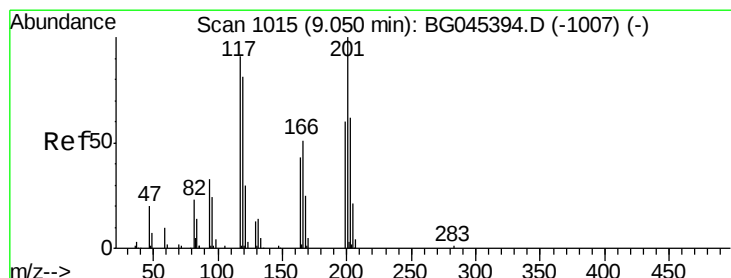
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 49.296 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

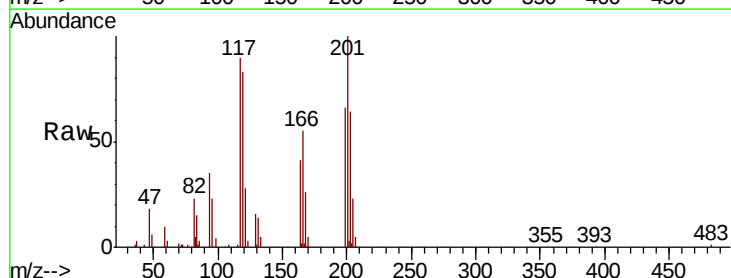
Tgt Ion:117 Resp: 68308

Ion Ratio Lower Upper

117 100

119 93.1 71.3 106.9

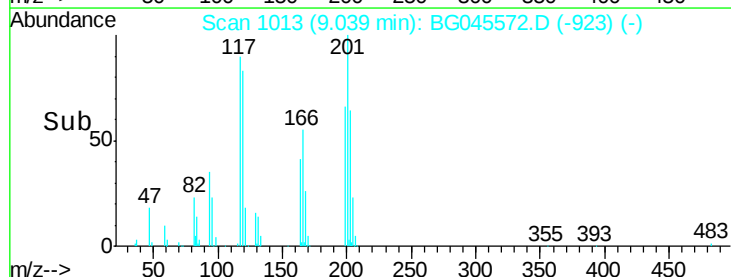
201 111.5 87.5 131.3



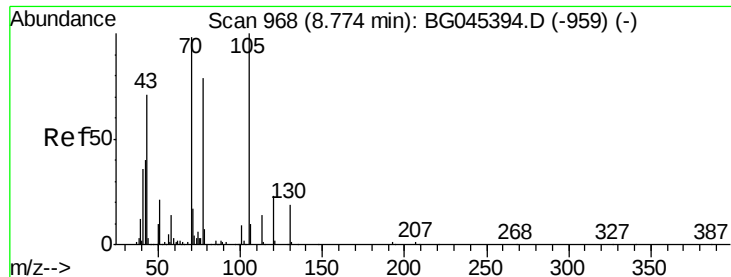
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



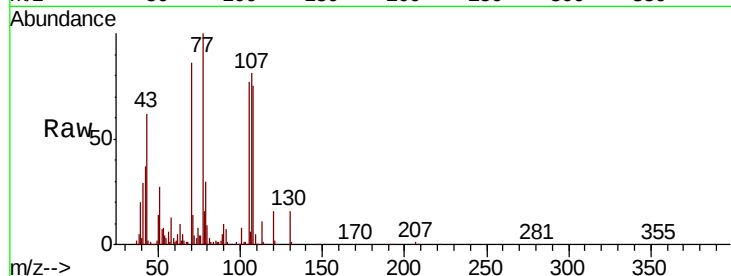
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 48.291 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.4	33.2	49.8	
101	9.7	7.8	11.6	
130	18.4	15.4	23.2	



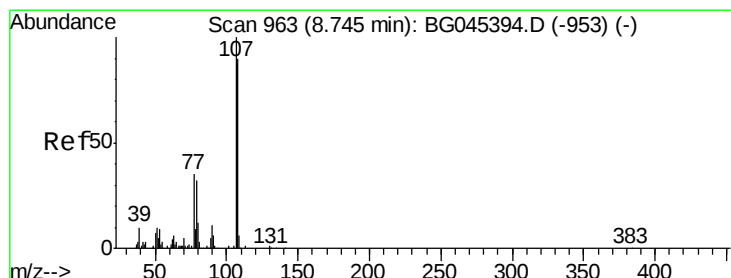
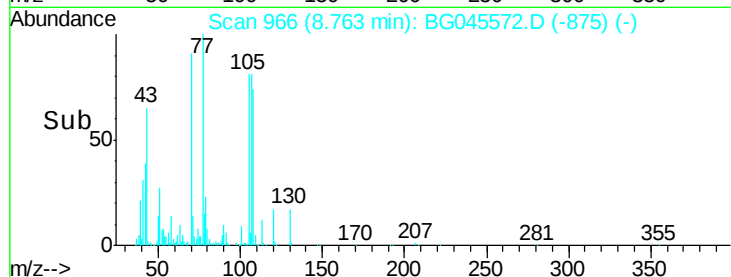
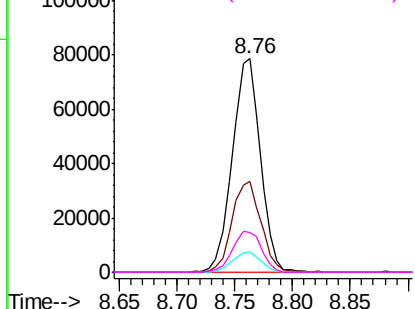
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 46.978 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	70.3	110.3	
77	47.4	15.4	55.4	
79	32.9	12.6	52.6	

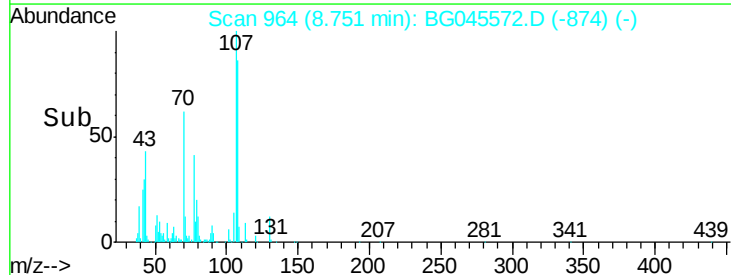
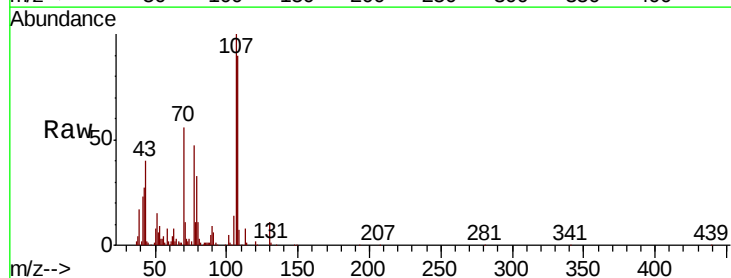
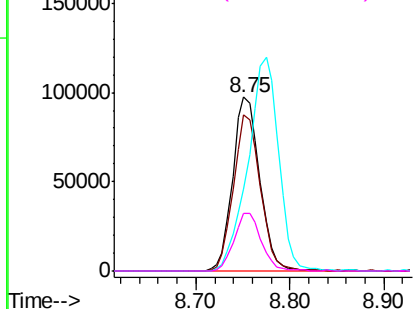
Abundance

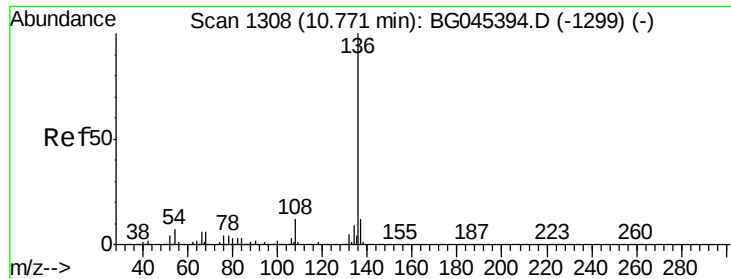
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

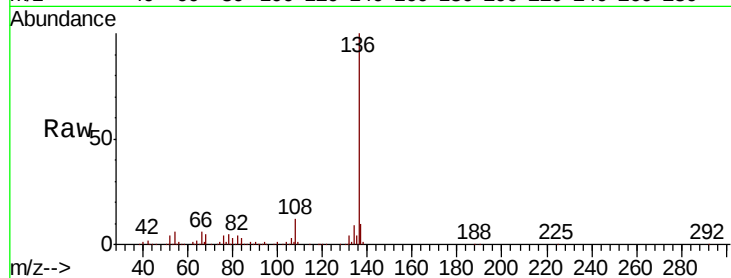




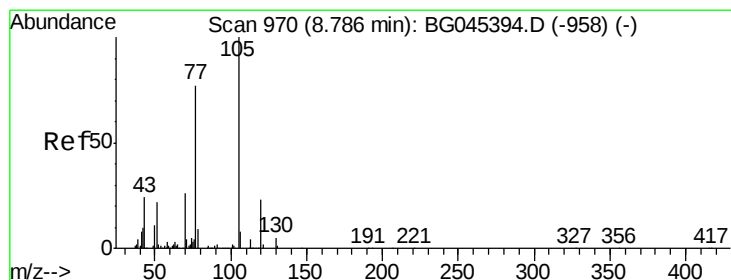
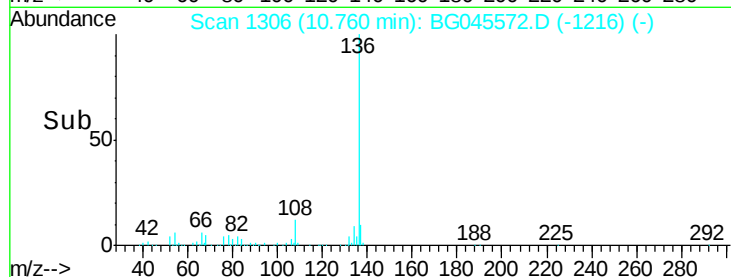
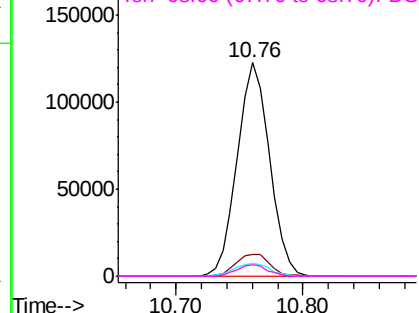
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	216593	
Ion Ratio	Lower	Upper	
136 100			
137 10.2	9.4	14.2	
54 6.0	5.8	8.6	
68 5.4	4.5	6.7	

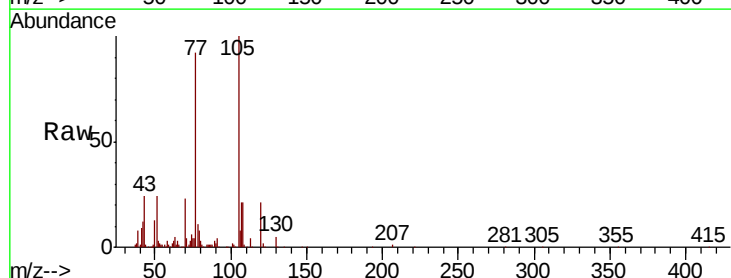


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

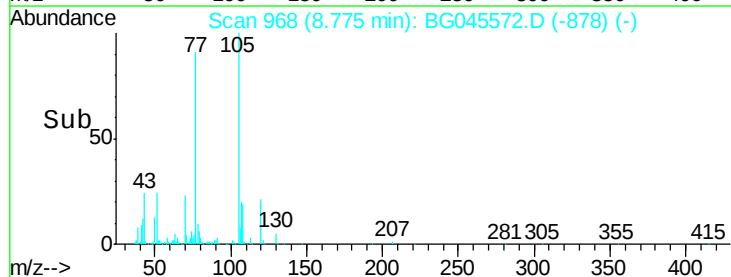
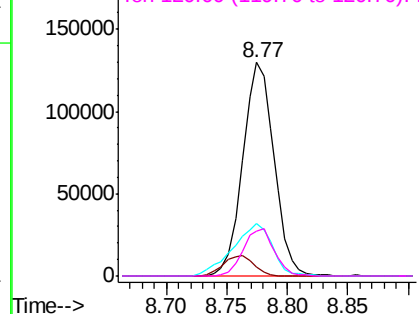


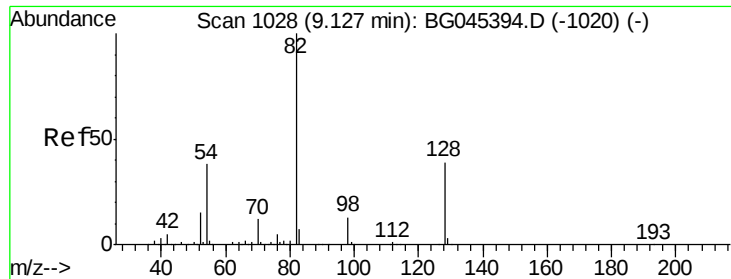
#22
Acetophenone
Concen: 45.835 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt	Ion:105	Resp:	235295
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.4	5.0
51	24.3	18.2	27.2
120	21.0	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

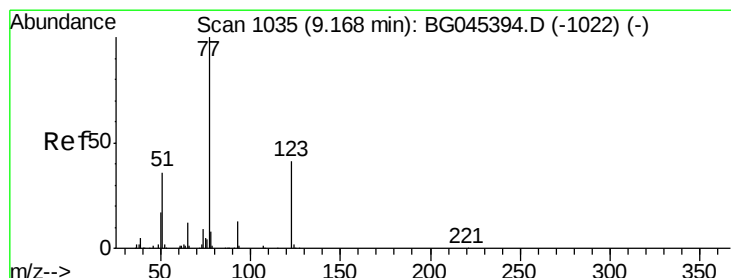
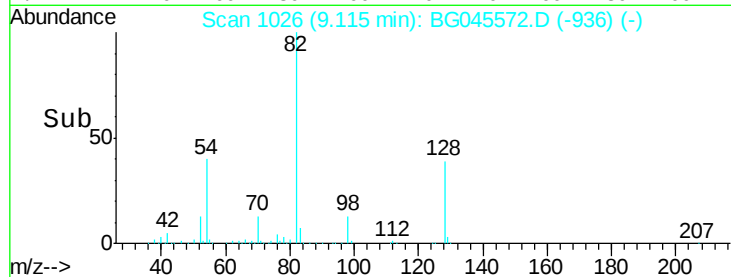
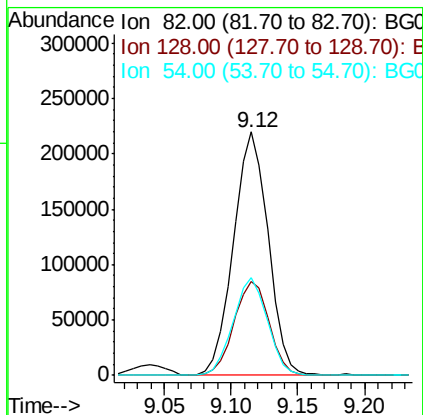
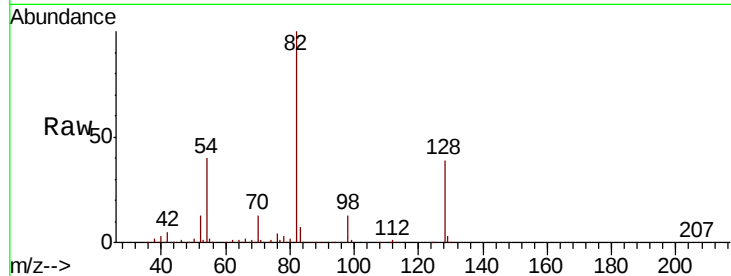




#23
 Nitrobenzene-d5
 Concen: 99.370 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

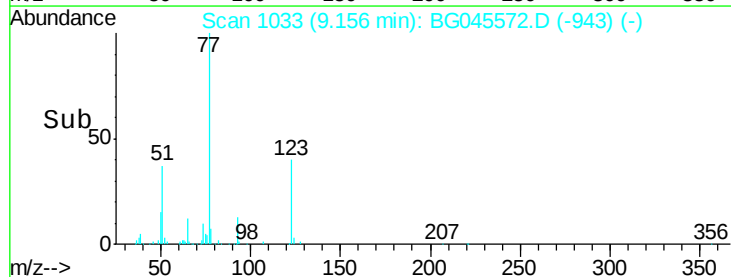
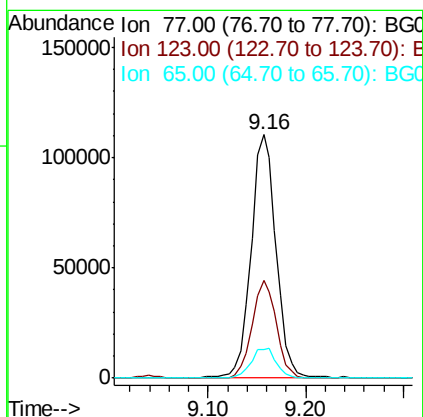
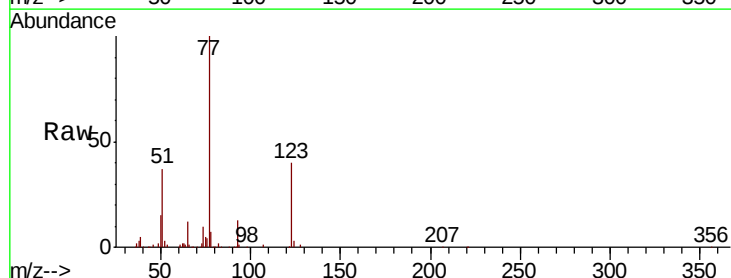
Instrument :
 BNA_G
 ClientSampled :

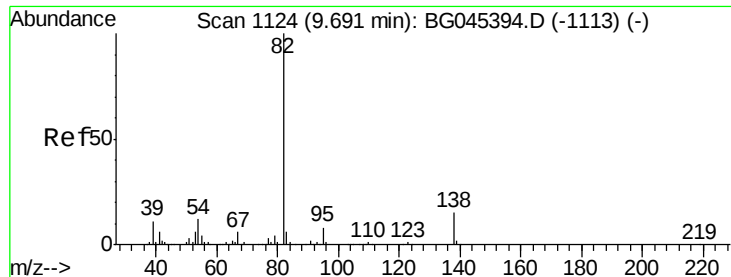
Tot Ion	82	Resp	394687
Ion Ratio	100	Lower	Upper
128	38.5	30.9	46.3
54	40.1	30.3	45.5



#24
 Nitrobenzene
 Concen: 46.663 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	77	Resp	198574
Ion Ratio	100	Lower	Upper
123	40.1	32.9	49.3
65	11.9	9.4	14.2

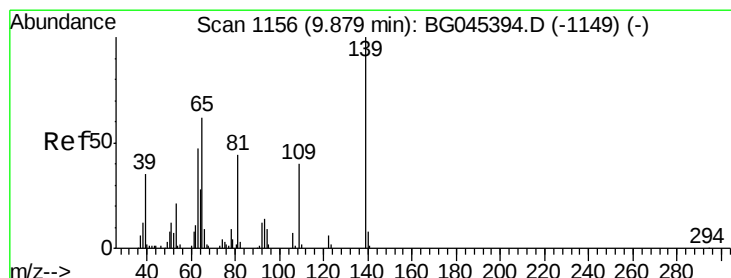
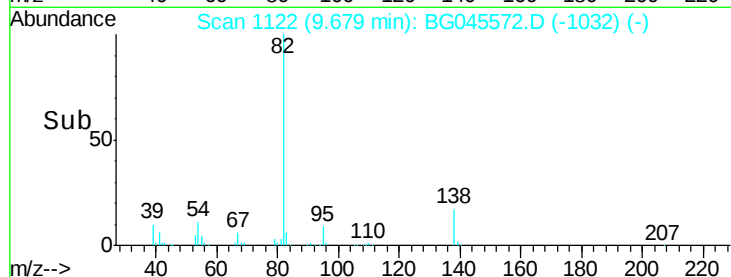
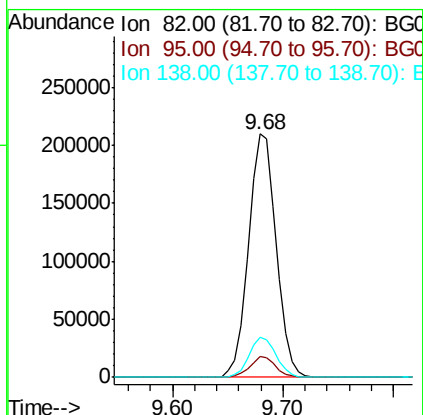
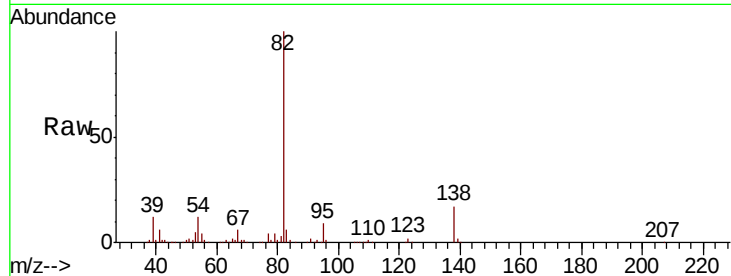




#25
Isophorone
Concen: 47.172 ng
RT: 9.68 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

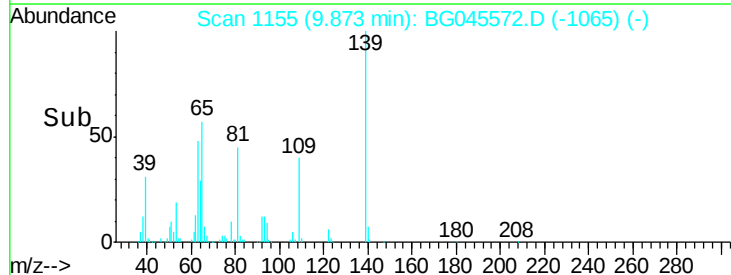
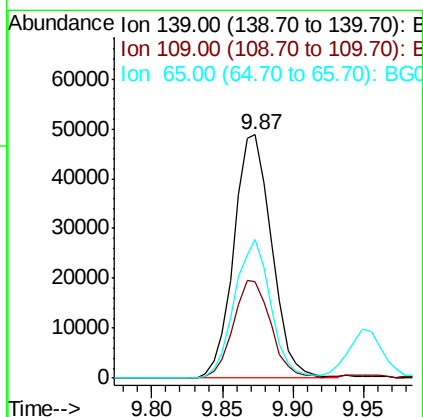
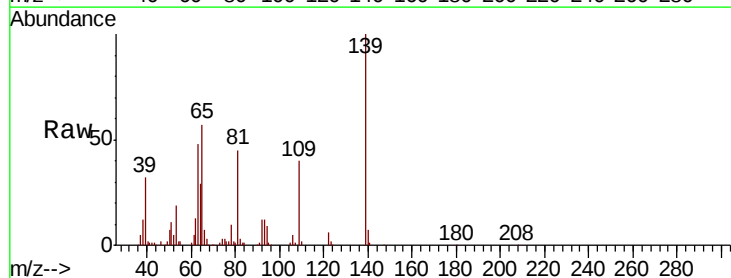
Instrument :
BNA_G
ClientSampled :

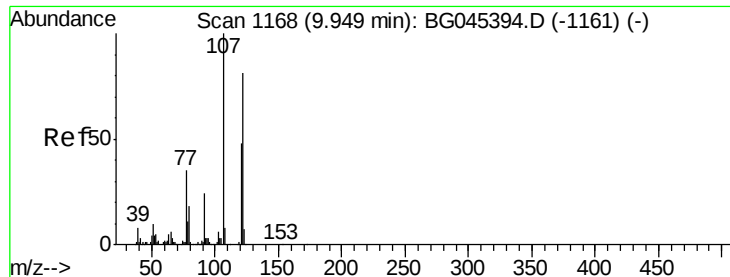
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.8	6.7	10.1
138	16.5	12.2	18.4



#26
2-Nitrophenol
Concen: 50.260 ng
RT: 9.87 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	39.6	32.2	48.4
65	56.8	49.6	74.4





#27

2,4-Dimethylphenol

Concen: 54.258 ng

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampled :

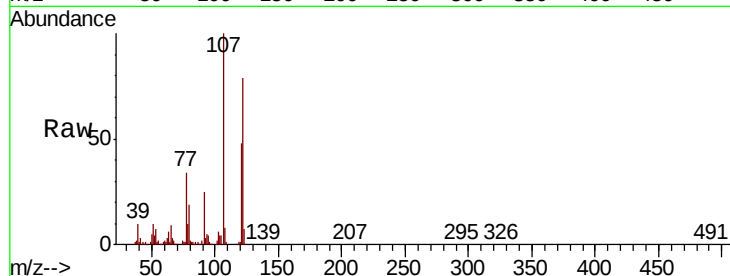
Tot Ion:122 Resp: 146496

Ion Ratio Lower Upper

122 100

107 126.8 99.0 148.4

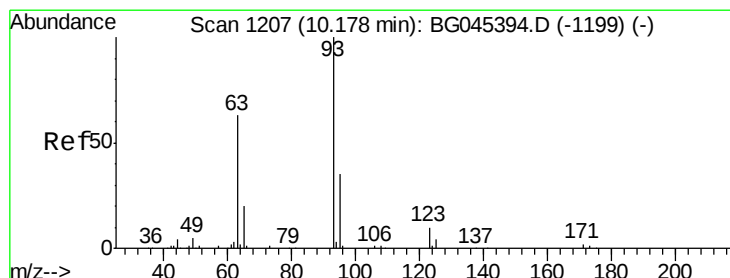
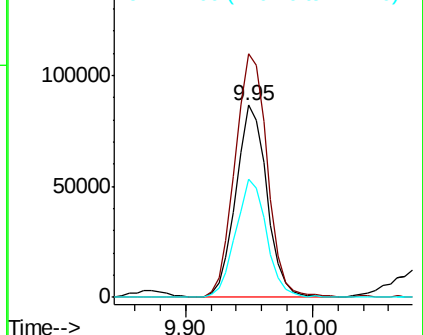
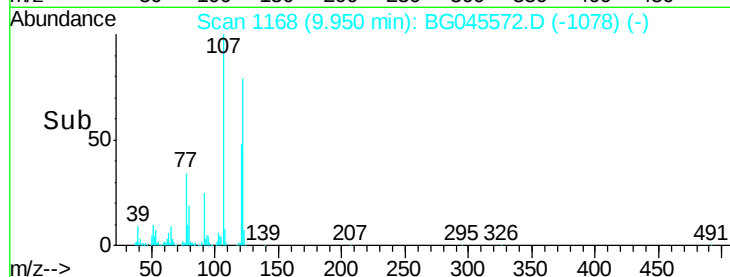
121 61.4 47.7 71.5



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: 49.365 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

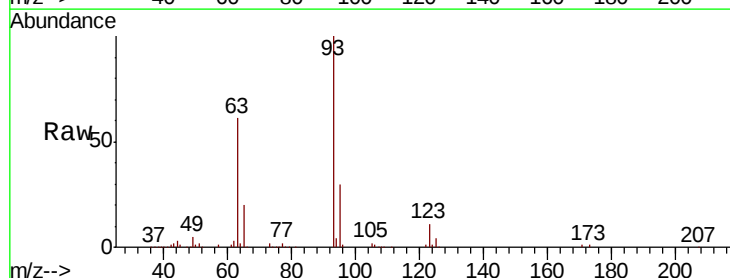
Tgt Ion: 93 Resp: 202504

Ion Ratio Lower Upper

93 100

95 30.1 27.6 41.4

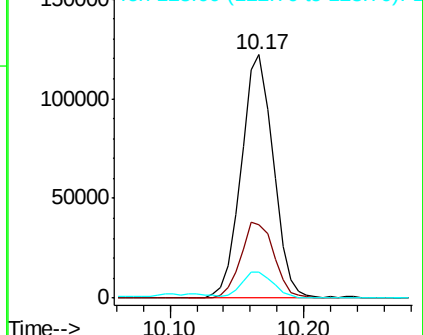
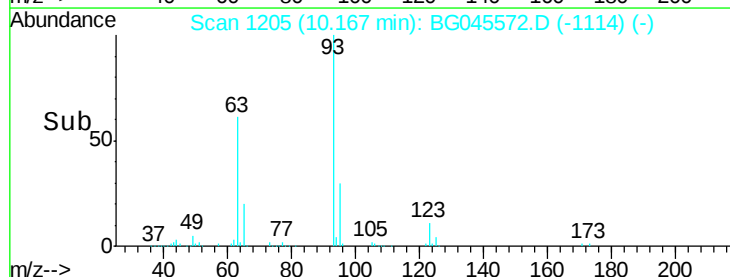
123 10.9 8.1 12.1



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

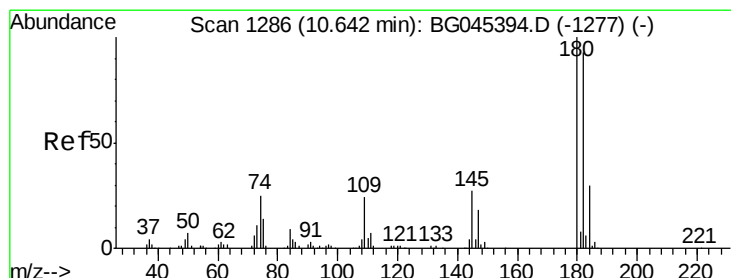
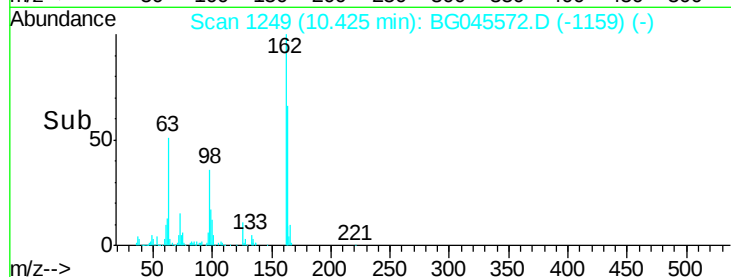
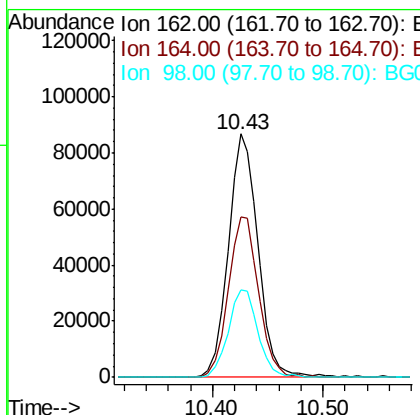
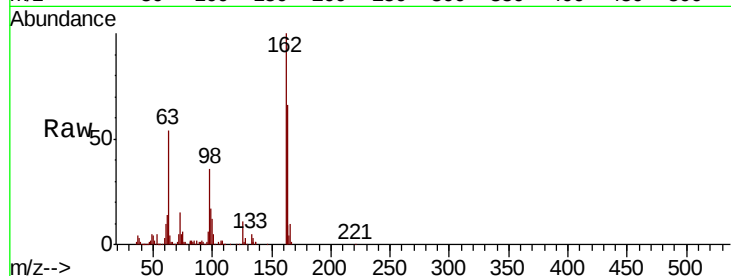




#29
 2,4-Dichlorophenol
 Concen: 50.998 ng
 RT: 10.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

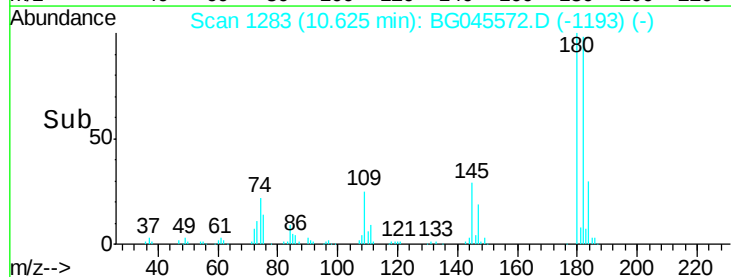
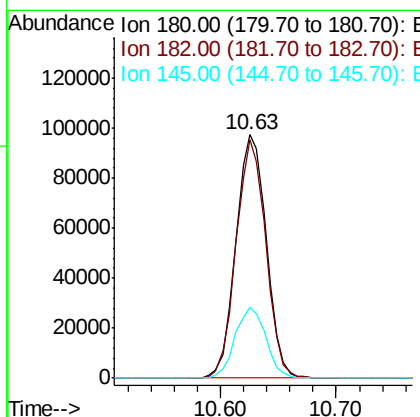
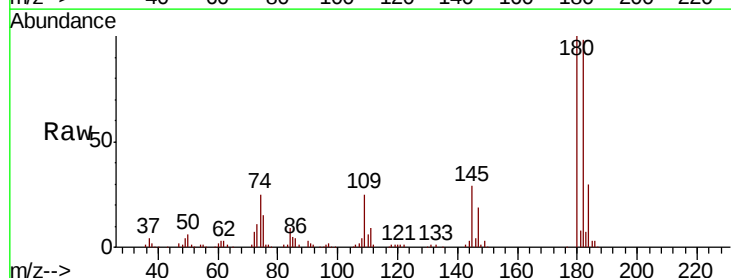
Instrument :
 BNA_G
 ClientSampleId :

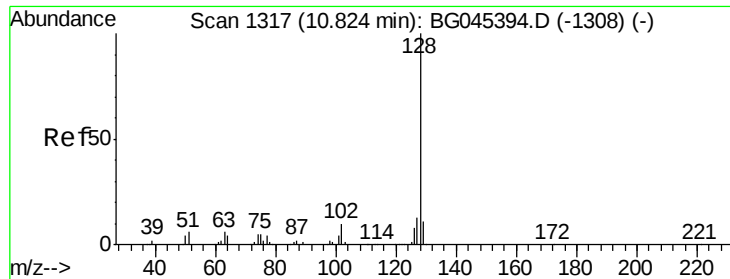
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	46.8	86.8
98	35.7	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 47.100 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	74.8	112.2
145	29.3	21.9	32.9

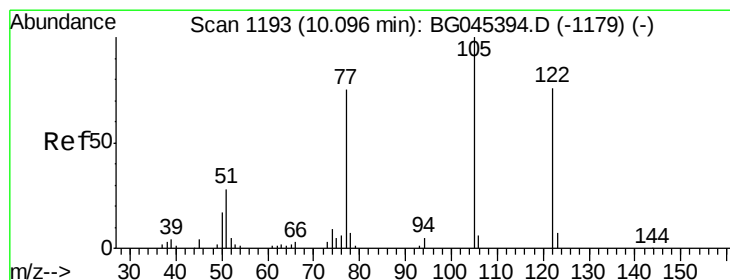
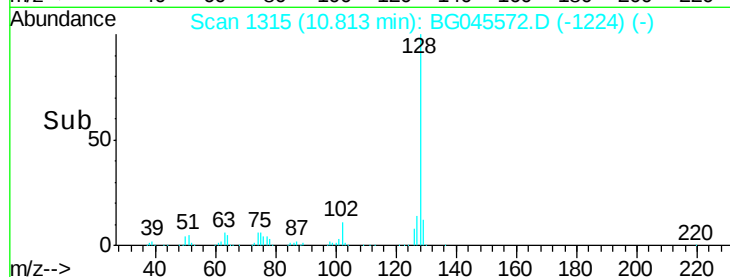
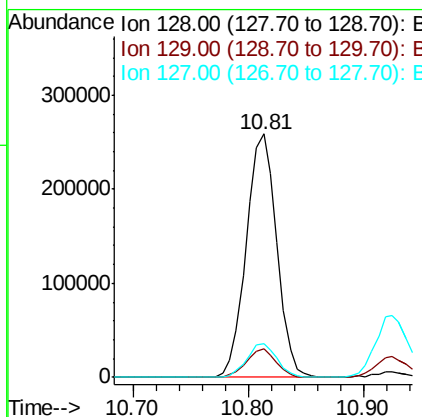
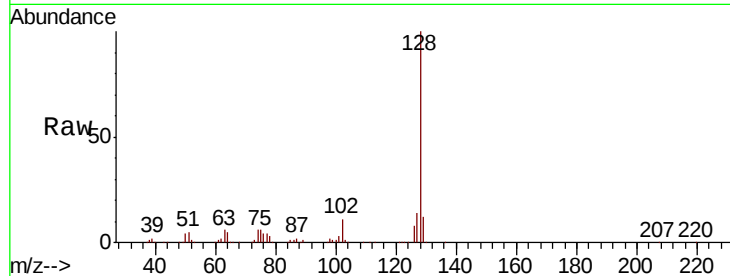




#31
Naphthalene
Concen: 47.182 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

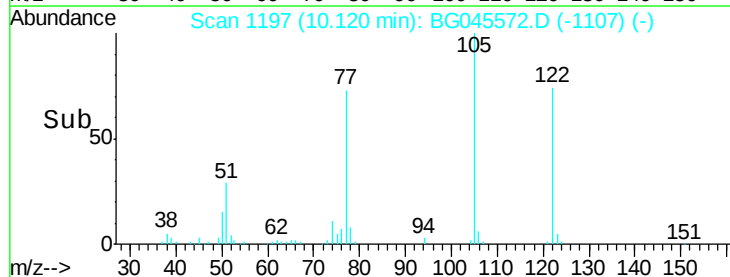
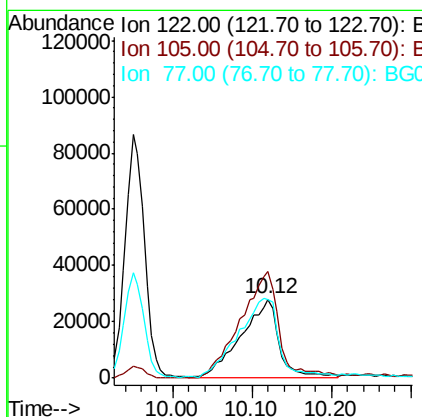
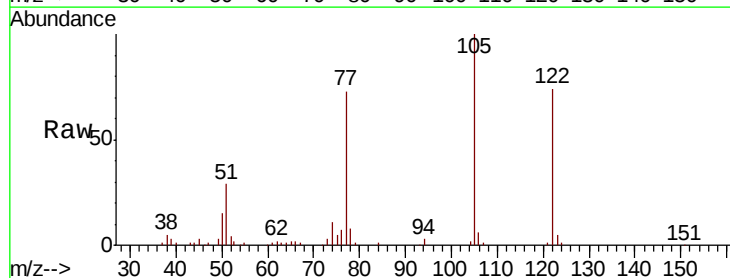
Instrument :
BNA_G
ClientSampleId :

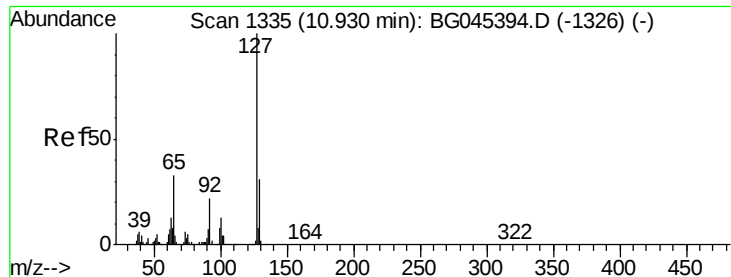
Tot Ion:128 Resp: 476215
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 50.003 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:122 Resp: 92791
Ion Ratio Lower Upper
122 100
105 135.6 107.9 147.9
77 99.4 78.9 118.9

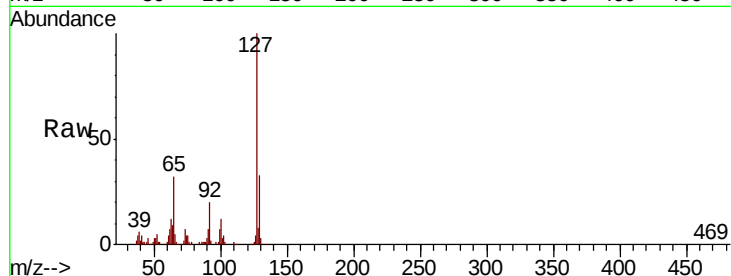




#33
4-Chloroaniline
Concen: 31.908 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.7	37.1
65	32.3	26.2	39.2
92	20.0	17.9	26.9



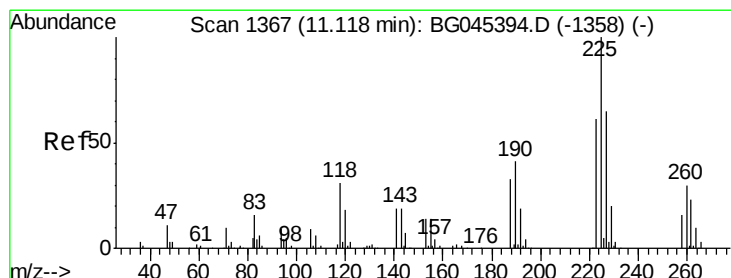
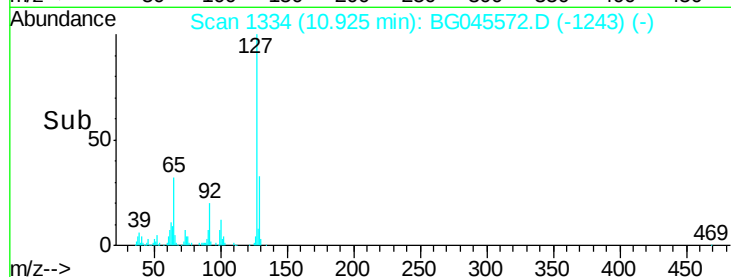
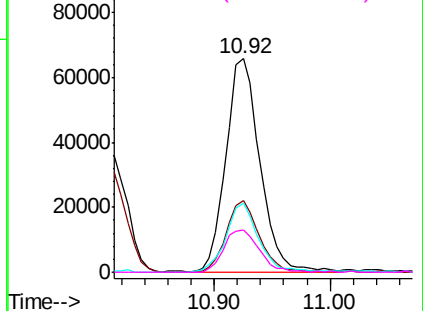
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

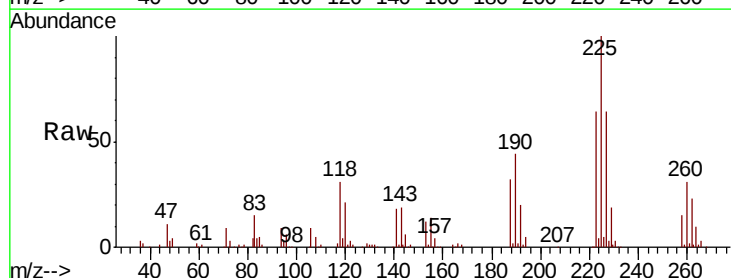
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.487 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.1	73.7
227	63.5	52.0	78.0

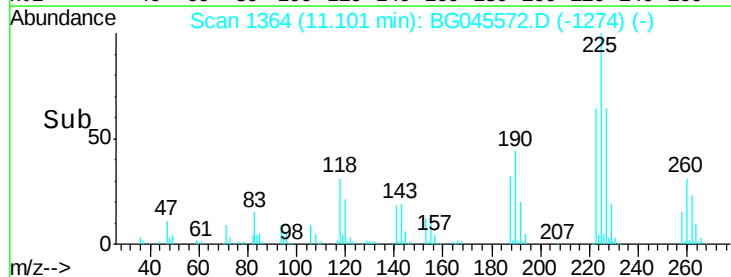
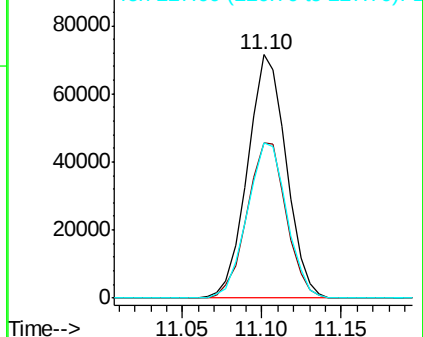


Abundance

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

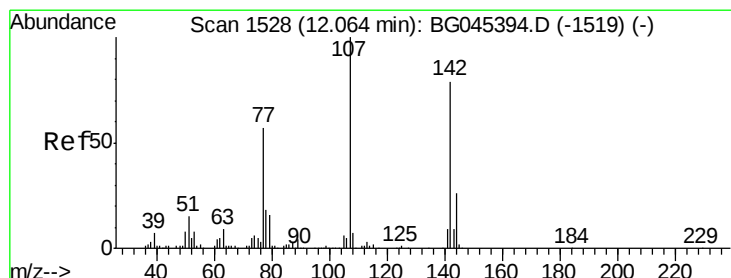
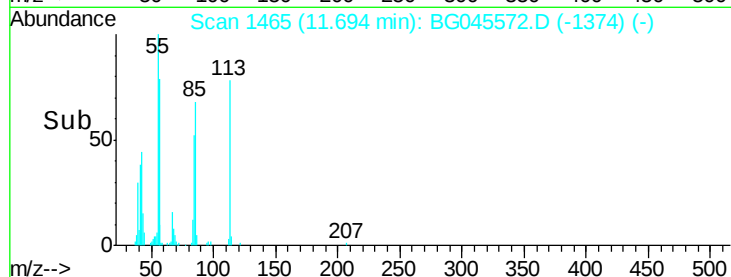
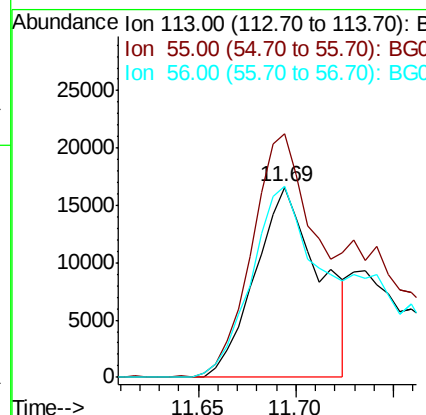
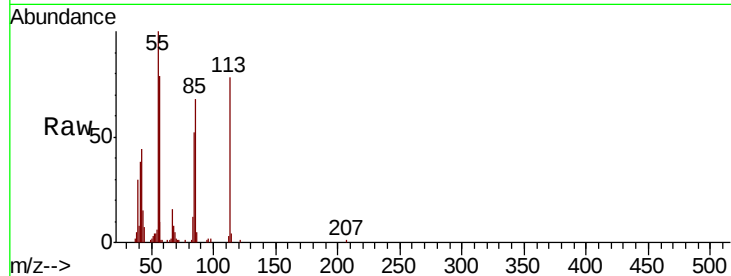




#35
 Caprolactam
 Concen: 32.525 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

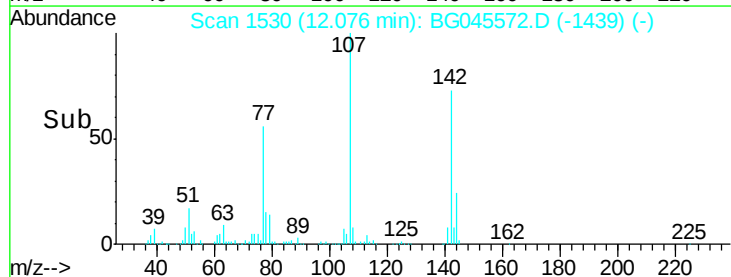
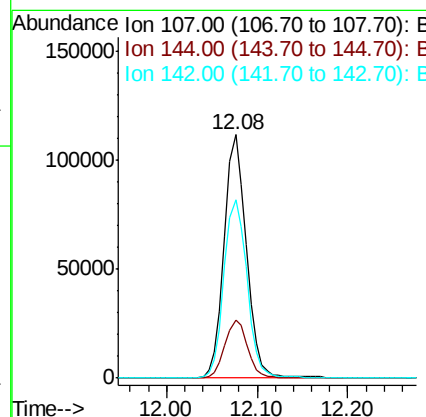
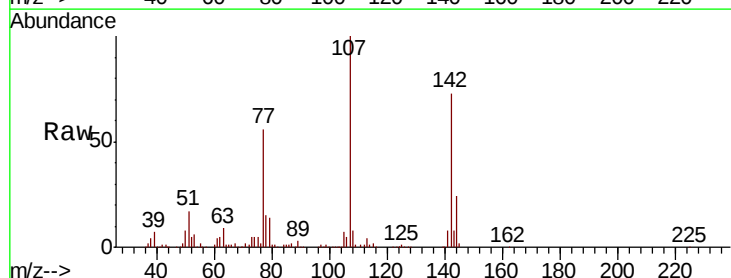
Instrument :
 BNA_G
 ClientSampleId :

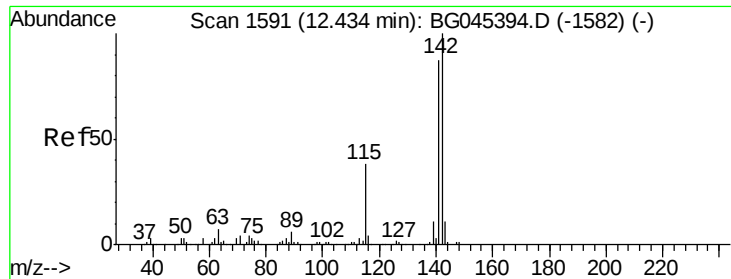
Tot Ion:113 Resp: 38063
 Ion Ratio Lower Upper
 113 100
 55 127.9 96.0 136.0
 56 100.7 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 53.159 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion:107 Resp: 190985
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.8 31.2
 142 73.5 62.8 94.2

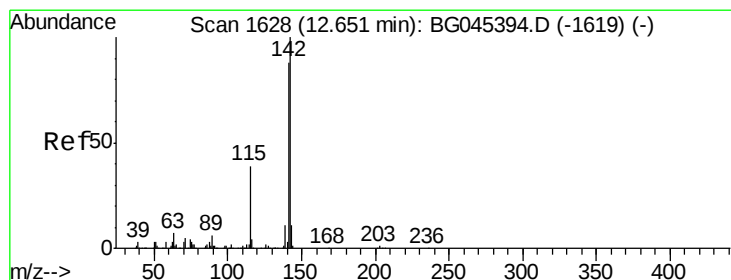
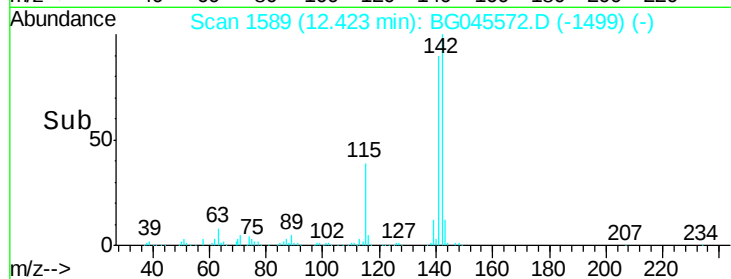
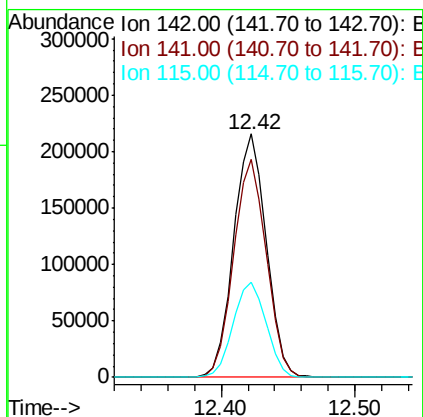
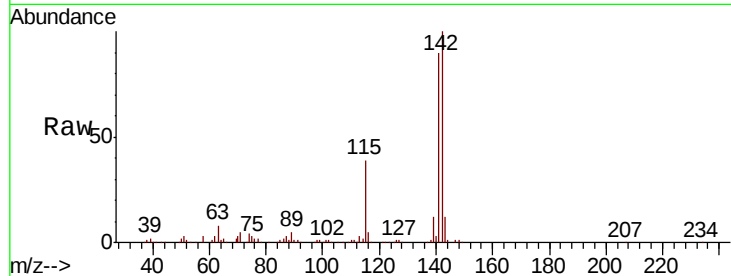




#37
2-Methylnaphthalene
Concen: 48.618 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

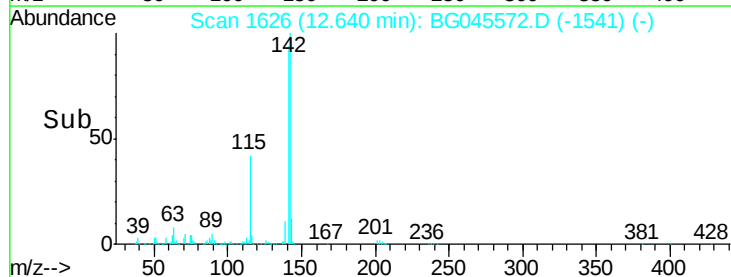
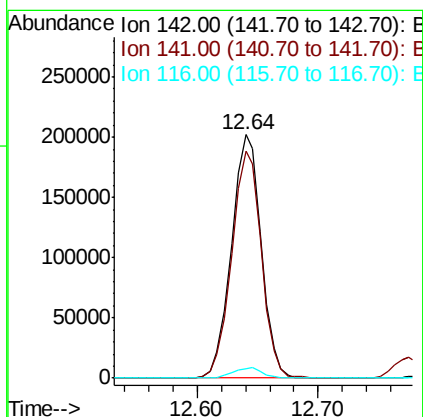
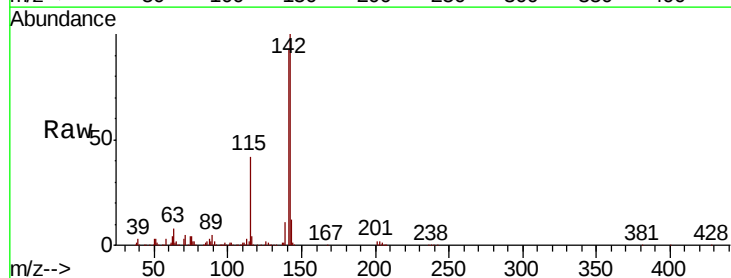
Instrument :
BNA_G
ClientSampled :

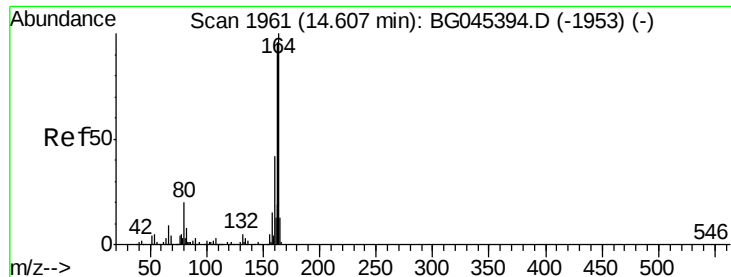
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	38.9	30.8	46.2



#38
1-Methylnaphthalene
Concen: 48.531 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.8	106.2
116	4.0	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: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

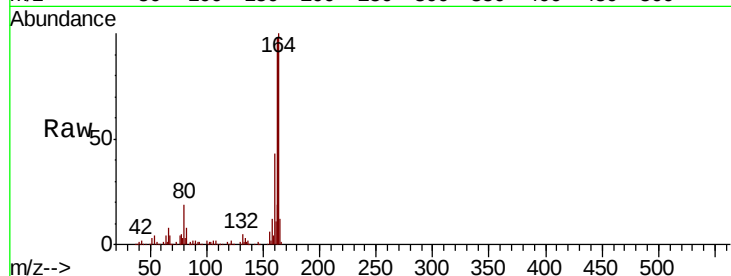
Tot Ion:164 Resp: 160048

Ion Ratio Lower Upper

164 100

162 97.6 76.9 115.3

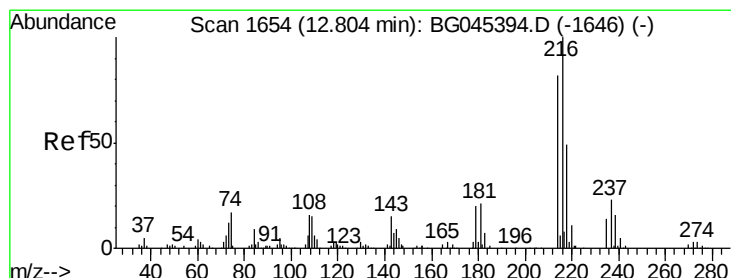
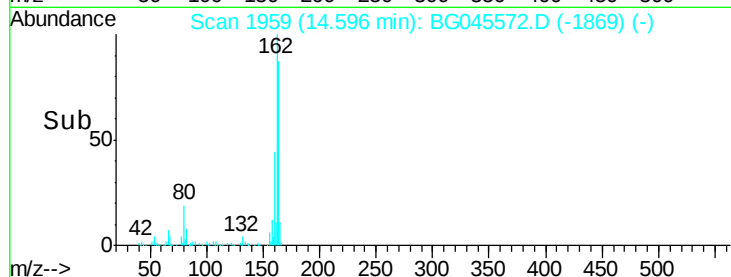
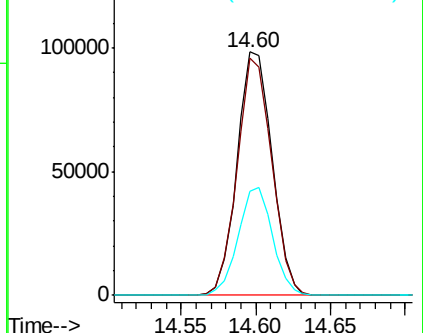
160 42.8 33.8 50.8



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: 45.765 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:216 Resp: 204589

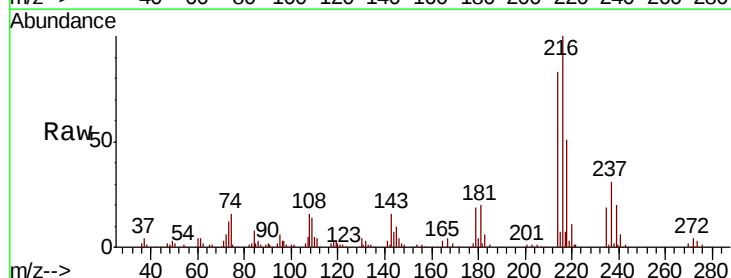
Ion Ratio Lower Upper

216 100

214 80.2 63.7 95.5

179 19.6 16.1 24.1

108 19.2 13.8 20.6

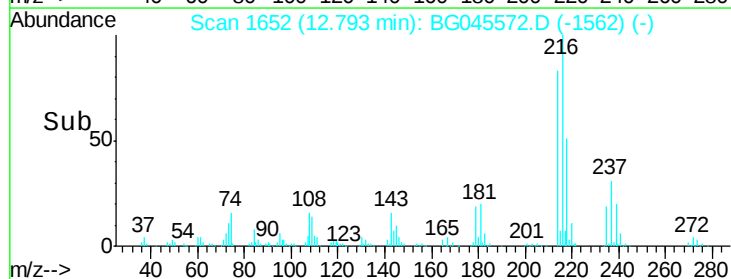
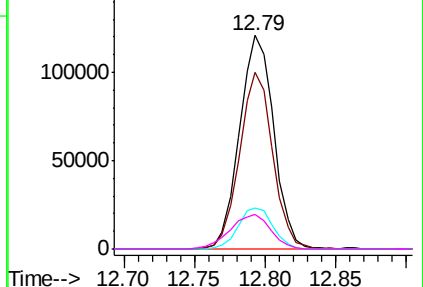


Abundance Ion 216.00 (215.70 to 216.70): E

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

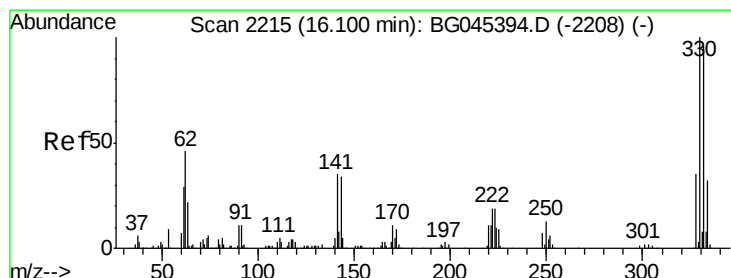
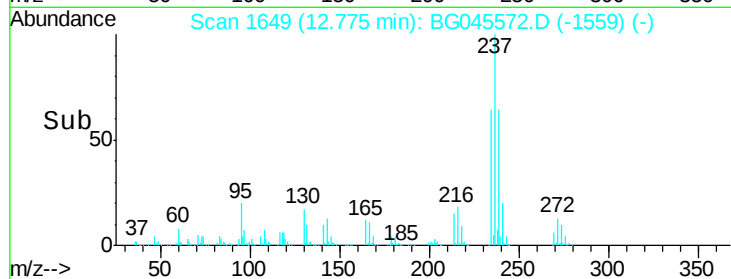
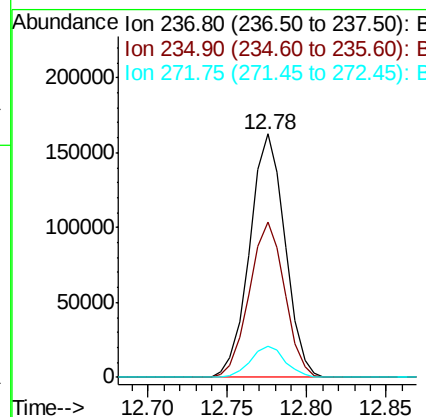
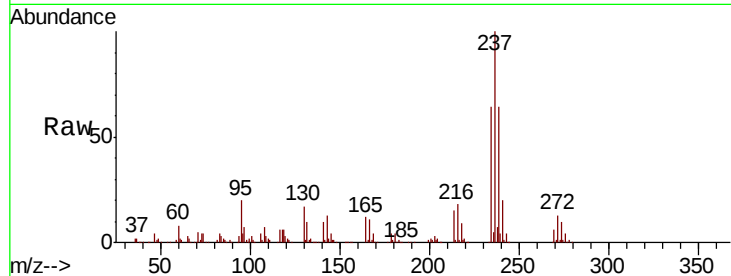




#41
Hexachlorocyclopentadiene
Concen: 97.521 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

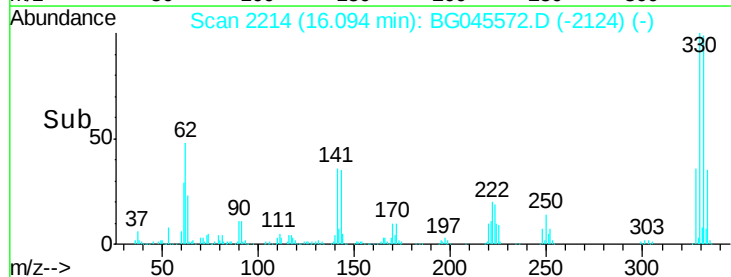
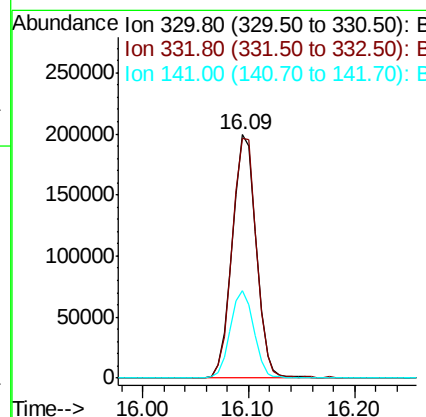
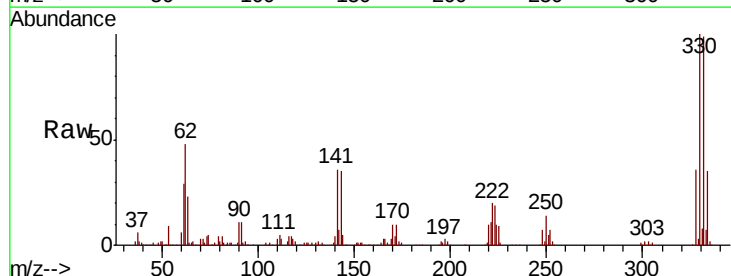
Instrument :
BNA_G
ClientSampleId :

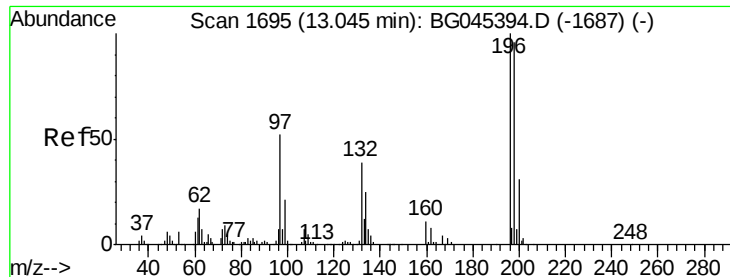
Tot Ion:237 Resp: 251626
Ion Ratio Lower Upper
237 100
235 63.6 44.4 84.4
272 12.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 152.357 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:330 Resp: 311849
Ion Ratio Lower Upper
330 100
332 99.4 78.2 117.4
141 35.6 28.2 42.4

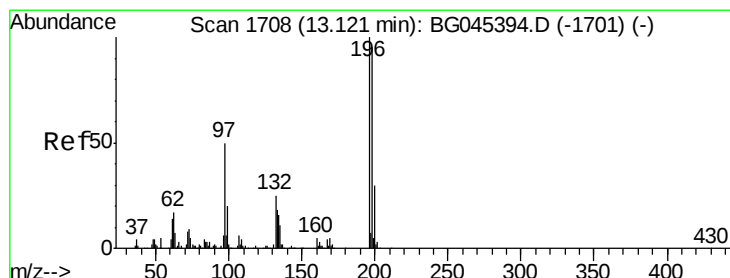
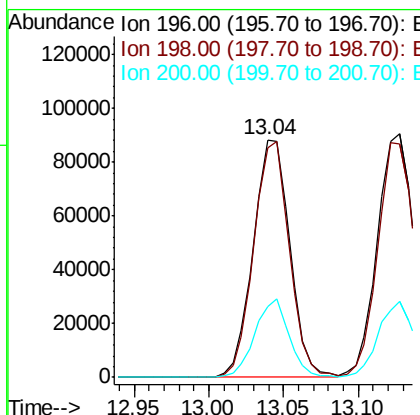
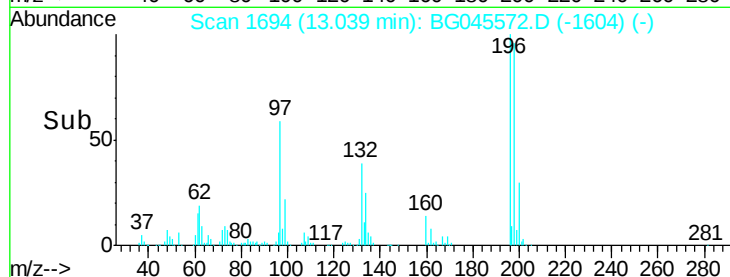
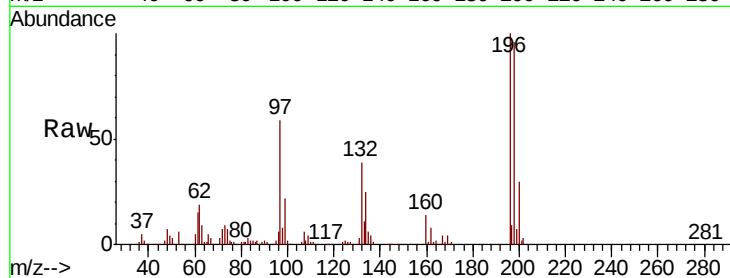




#43
 2,4,6-Trichlorophenol
 Concen: 48.210 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

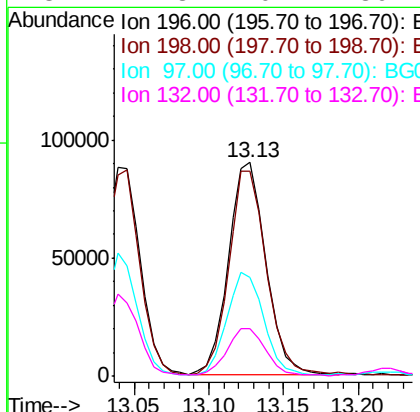
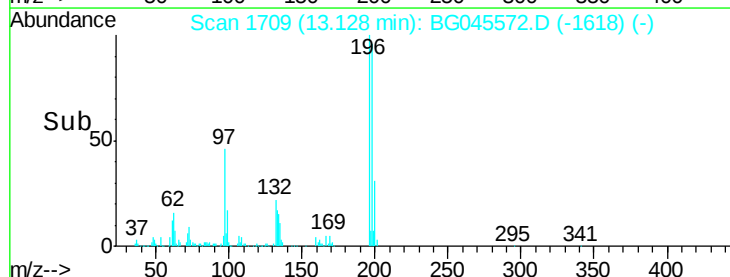
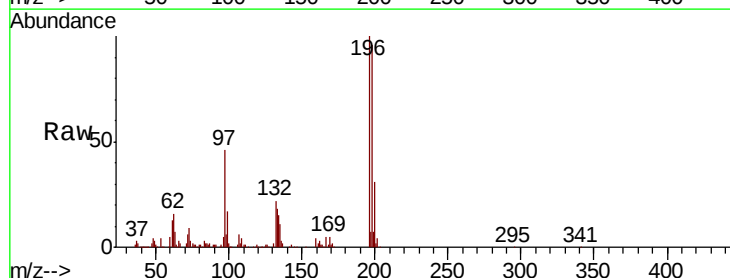
Instrument :
 BNA_G
 ClientSampled :

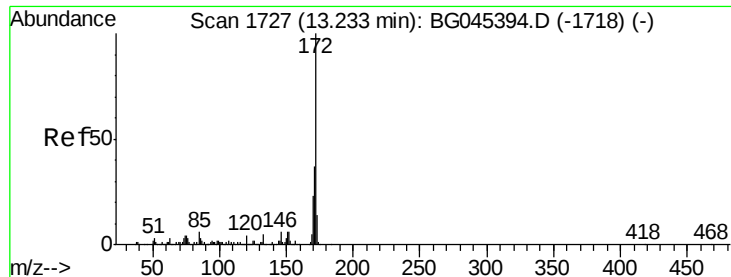
Tot Ion:196 Resp: 149713
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.7 115.1
 200 30.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.434 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion:196 Resp: 157683
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.1 114.1
 97 46.3 40.0 60.0
 132 22.3 20.2 30.2

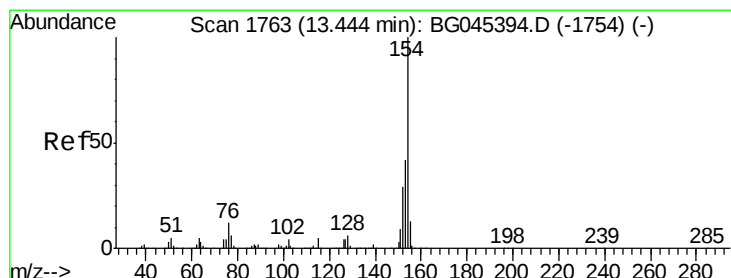
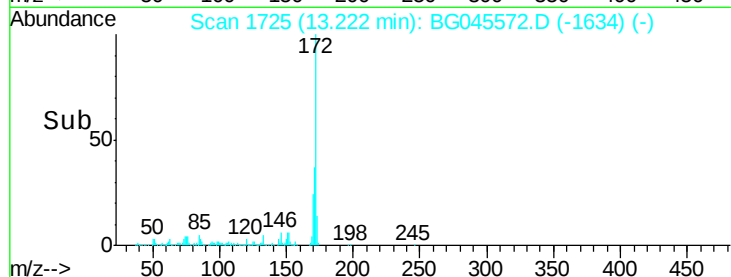
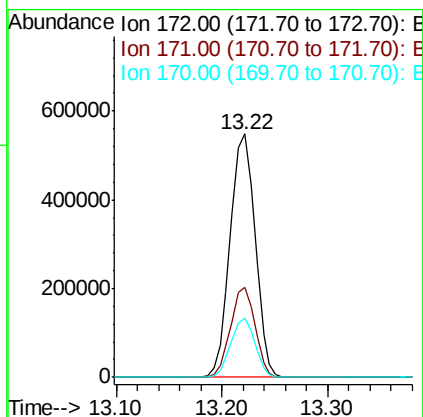
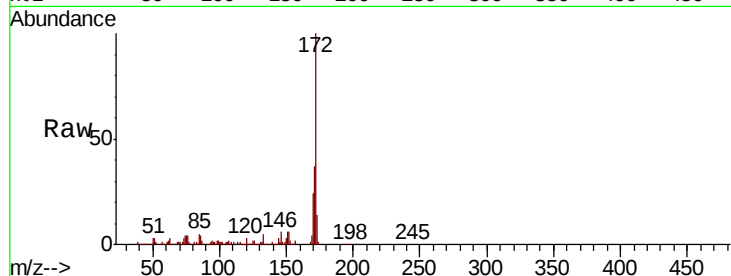




#45
 2-Fluorobiphenyl
 Concen: 95.395 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

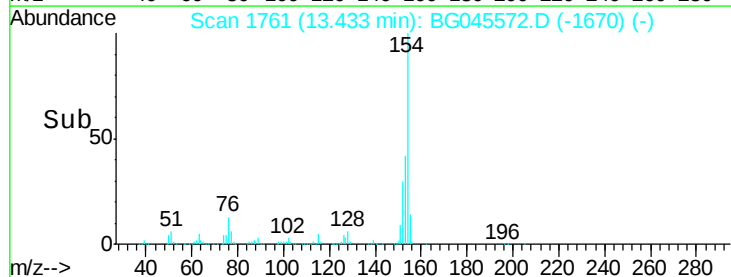
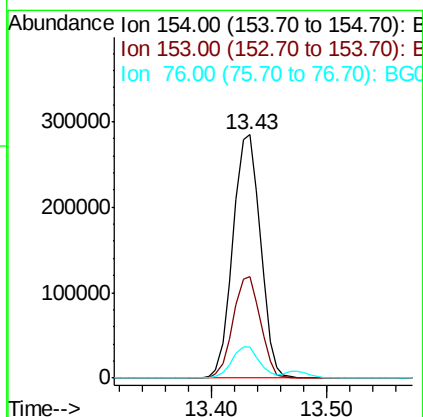
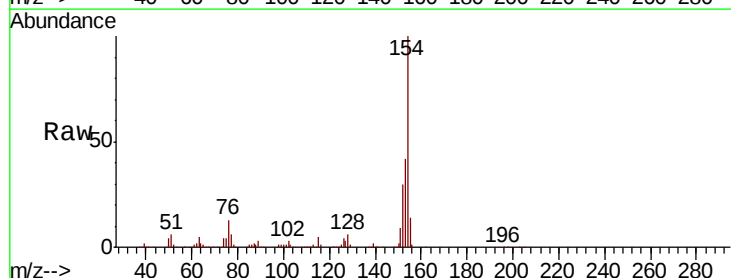
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.3	18.5	27.7



#46
 1,1'-Biphenyl
 Concen: 47.958 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.2	62.2
76	12.8	0.0	32.4

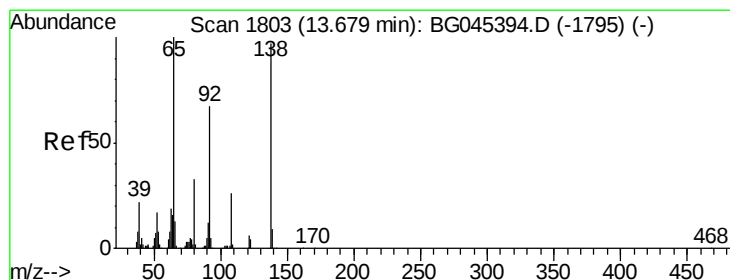
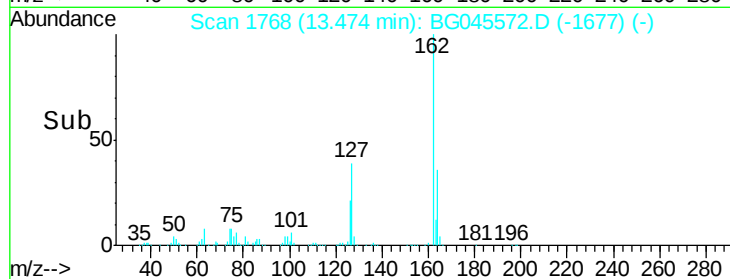
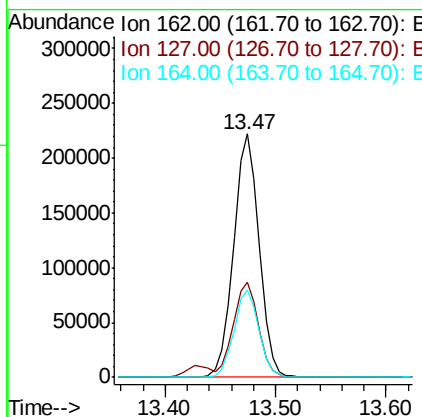
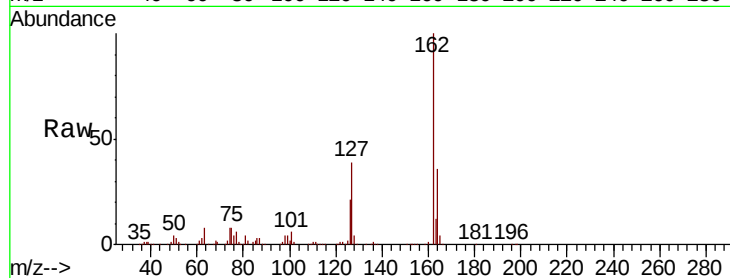




#47
 2-Chloronaphthalene
 Concen: 44.958 ng
 RT: 13.47 min Scan# 1768
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

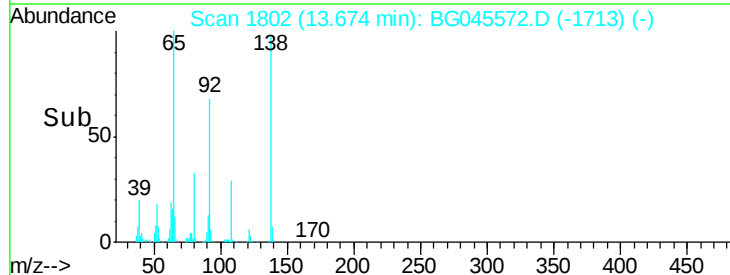
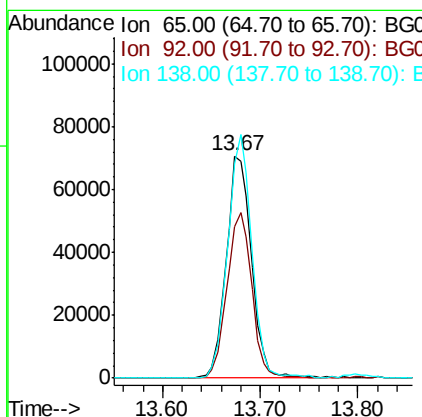
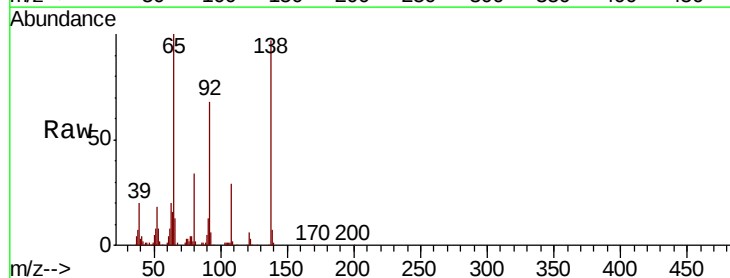
Instrument :
 BNA_G
 ClientSampled :

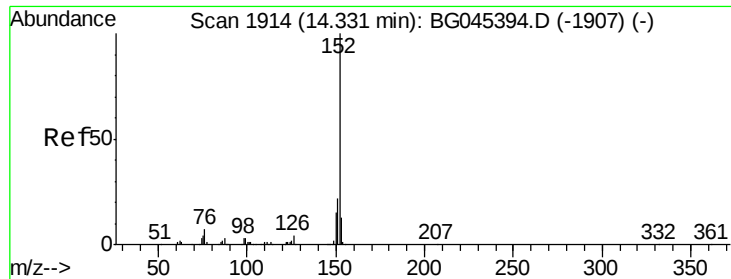
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.6	47.4
164	36.1	28.1	42.1



#48
 2-Nitroaniline
 Concen: 48.246 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.8	80.8
138	96.6	77.9	116.9





#49

Acenaphthylene

Concen: 47.539 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

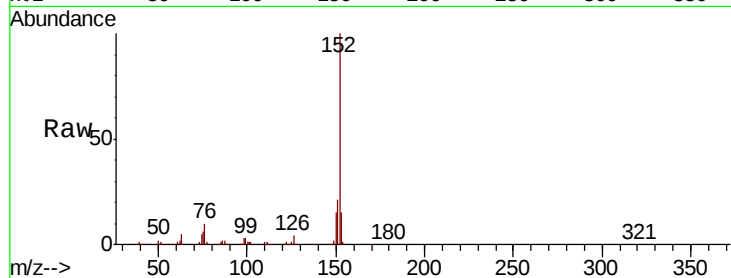
Tot Ion:152 Resp: 609784

Ion Ratio Lower Upper

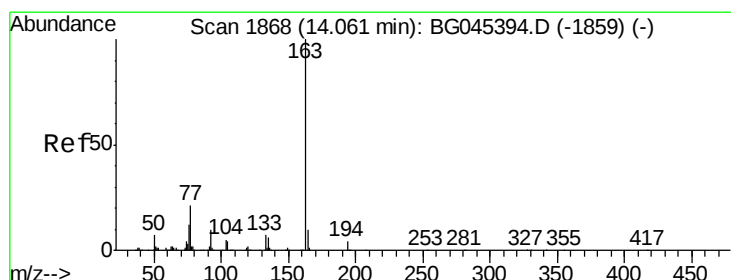
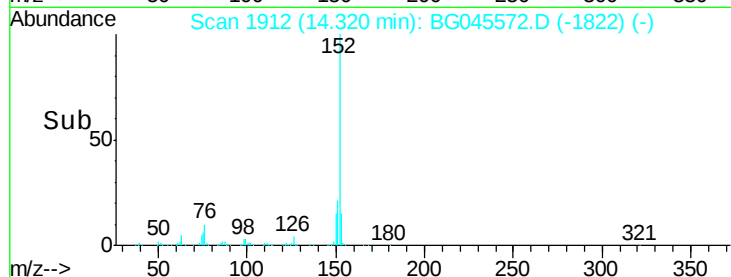
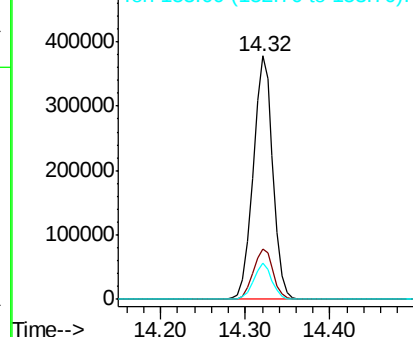
152 100

151 20.5 17.4 26.2

153 14.9 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: 47.405 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

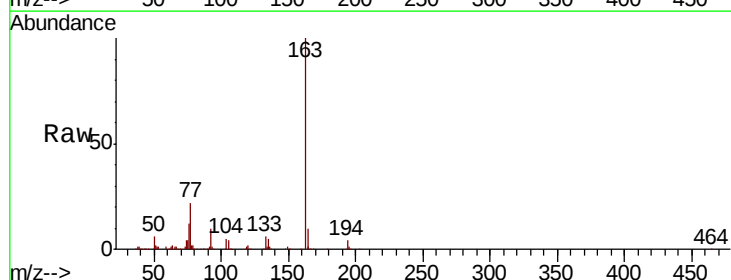
Tgt Ion:163 Resp: 520464

Ion Ratio Lower Upper

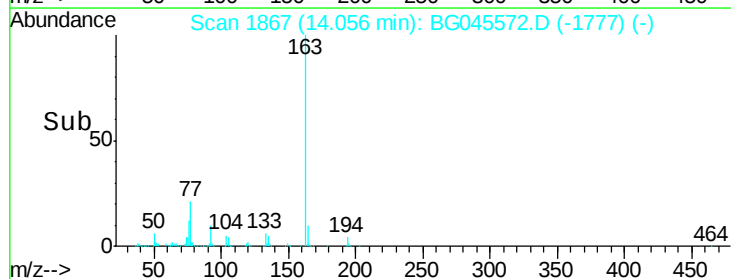
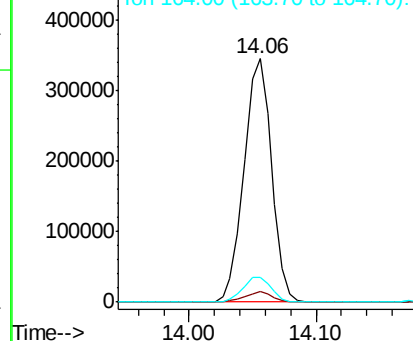
163 100

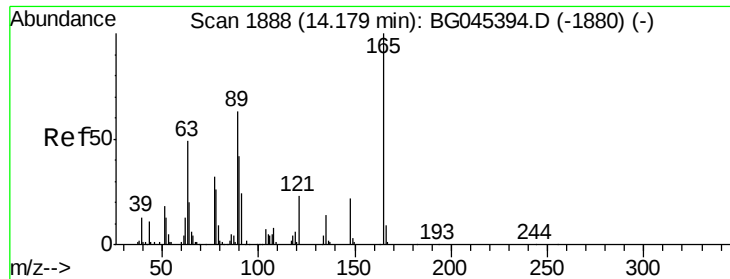
194 4.2 3.2 4.8

164 10.2 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

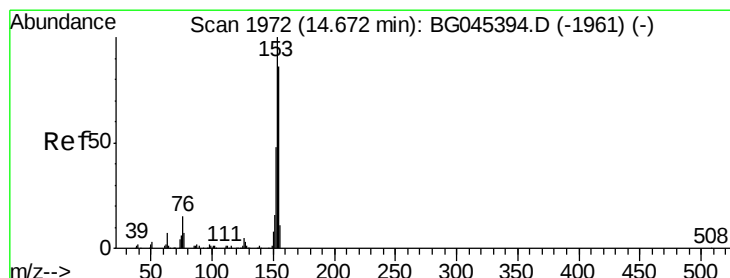
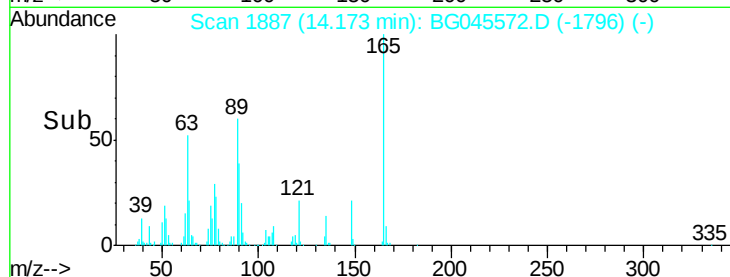
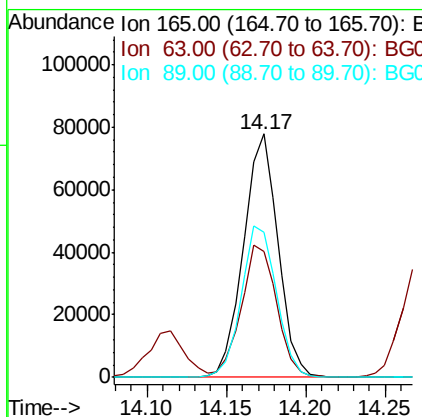
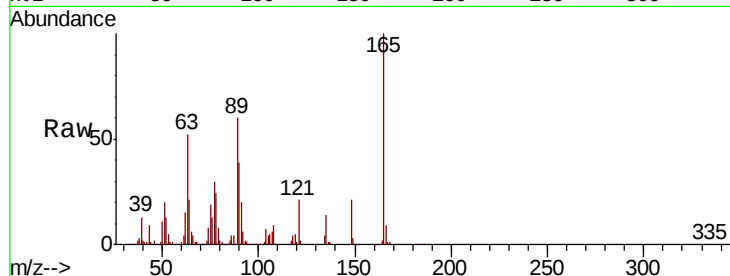




#51
 2,6-Dinitrotoluene
 Concen: 47.328 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

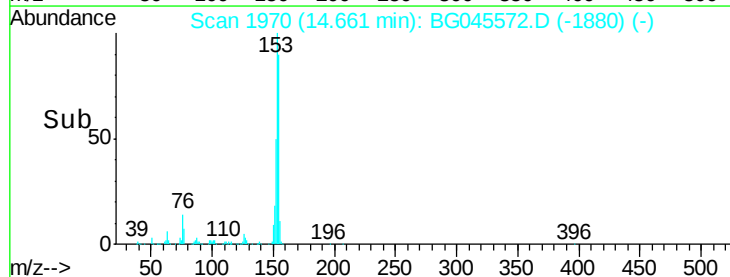
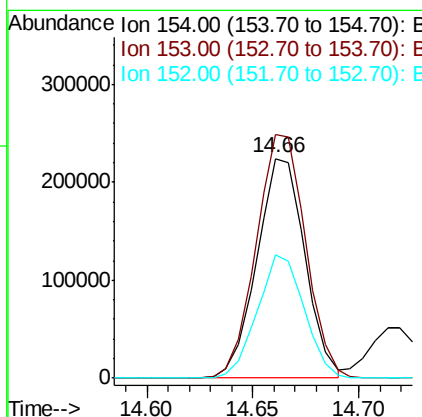
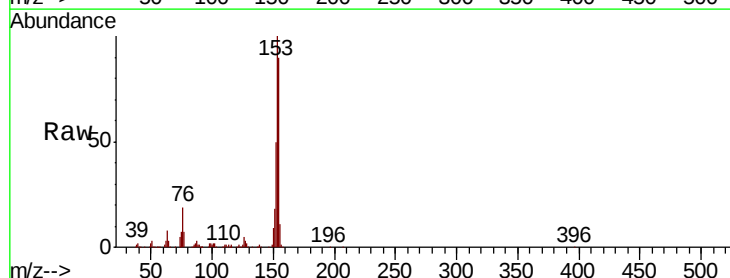
Instrument :
 BNA_G
 ClientSampleId :

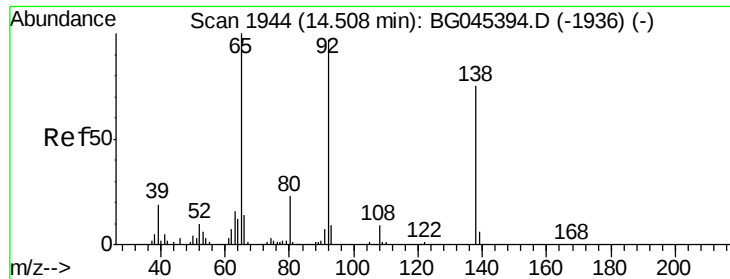
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.8	45.0	67.4
89	59.5	50.2	75.4



#52
 Acenaphthene
 Concen: 41.328 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045572.D
 Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	92.8	139.2
152	56.0	44.6	66.8

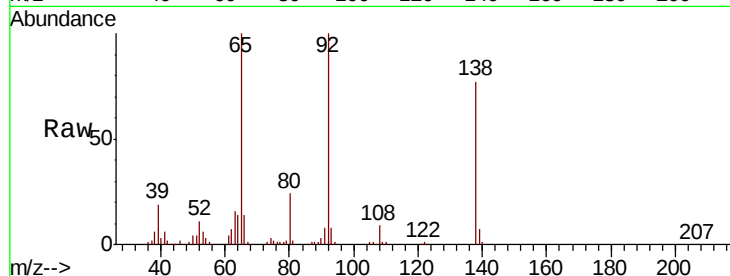




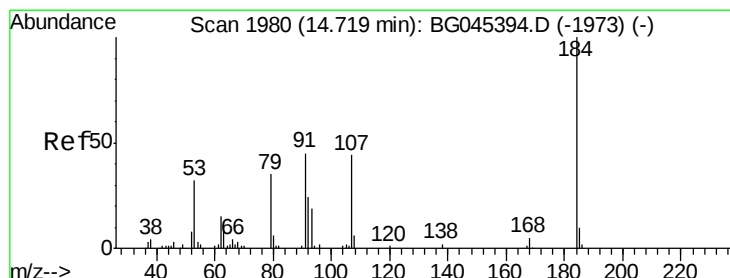
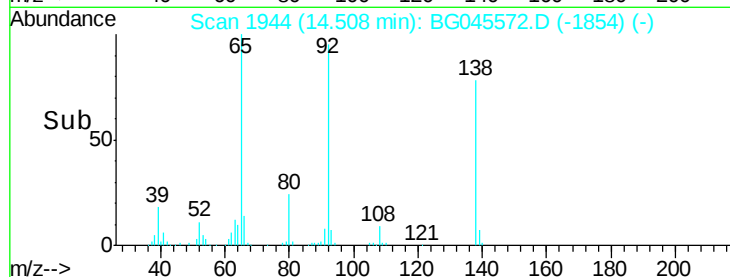
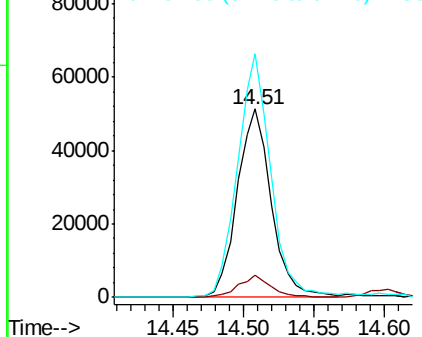
#53
3-Nitroaniline
Concen: 34.325 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 86446
Ion Ratio Lower Upper
138 100
108 11.7 9.8 14.6
92 129.4 103.0 154.4

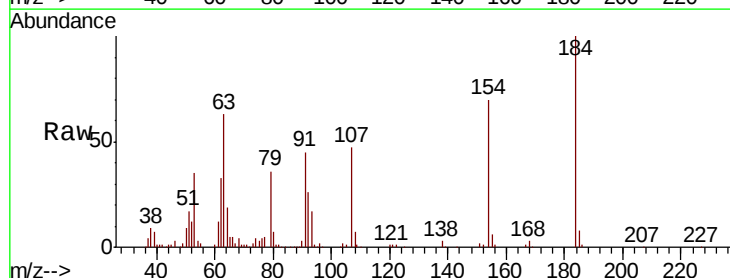


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

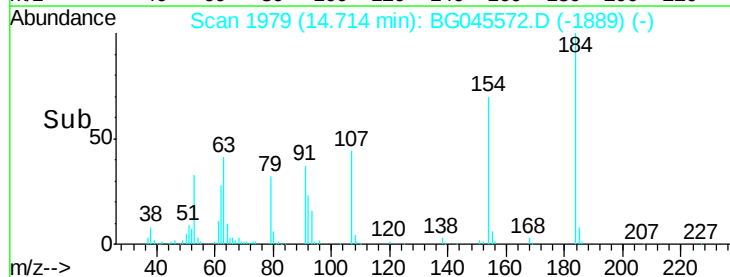
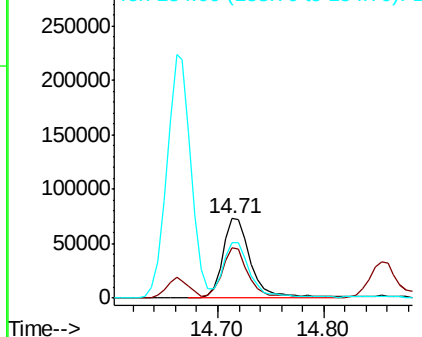


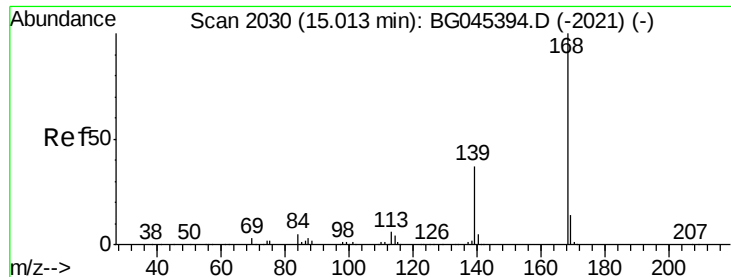
#54
2,4-Dinitrophenol
Concen: 83.131 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:184 Resp: 135285
Ion Ratio Lower Upper
184 100
63 62.5 47.8 71.6
154 69.8 58.3 87.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

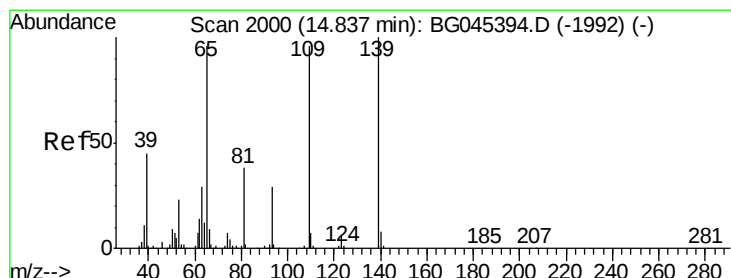
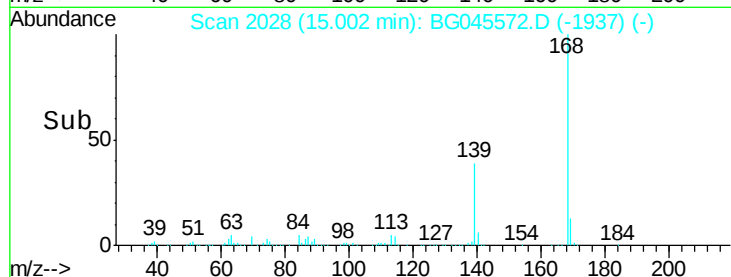
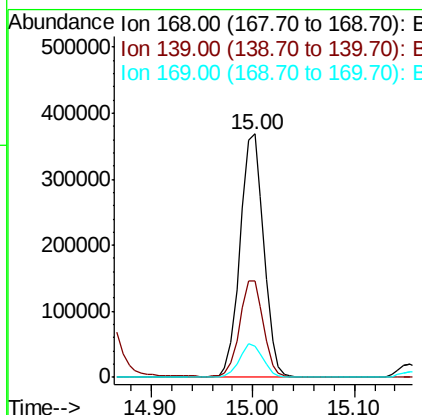
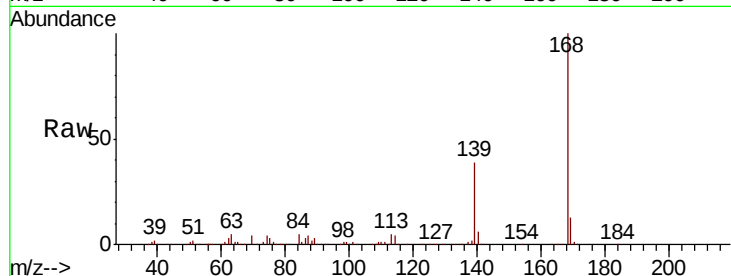




#55
Dibenzofuran
Concen: 46.751 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

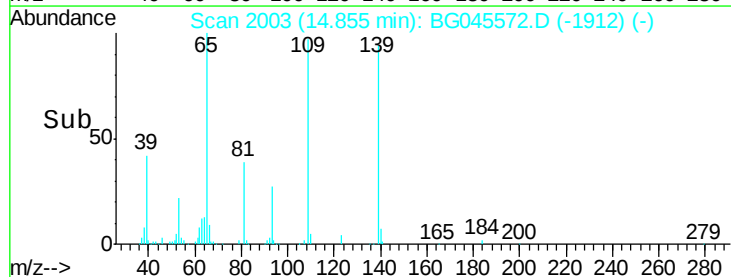
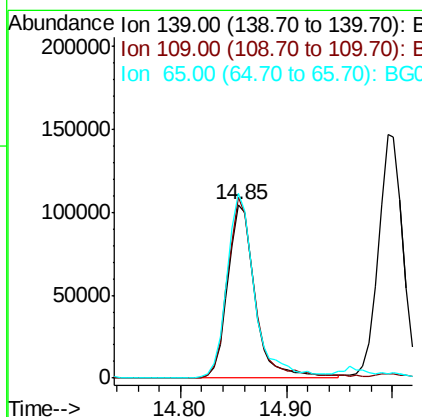
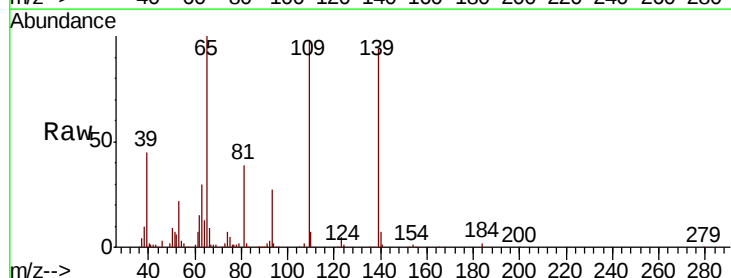
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	29.9	44.9
169	12.9	10.9	16.3



#56
4-Nitrophenol
Concen: 97.886 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.2	75.6	115.6
65	106.4	76.8	116.8

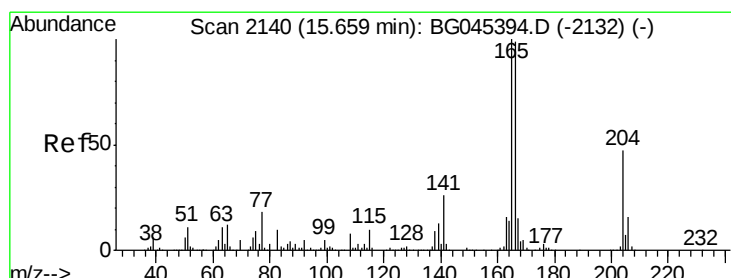
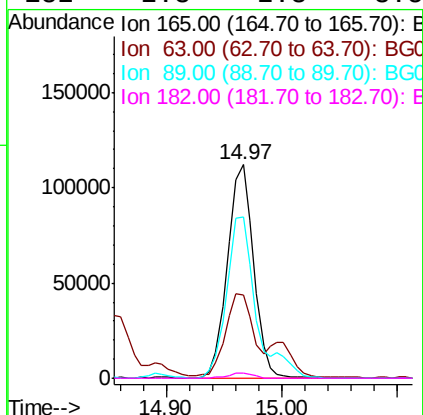
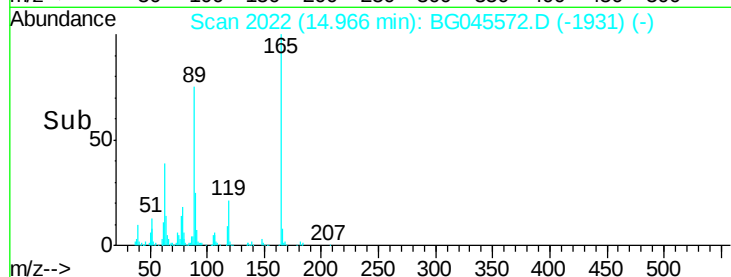
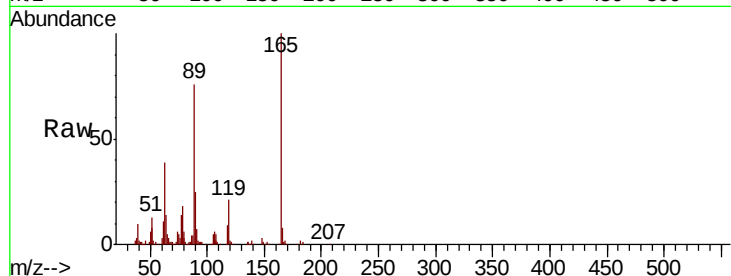




#57
2,4-Dinitrotoluene
Concen: 48.939 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

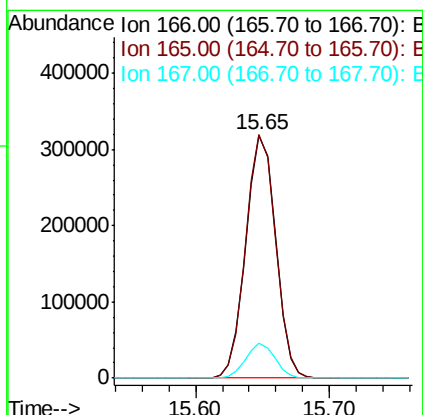
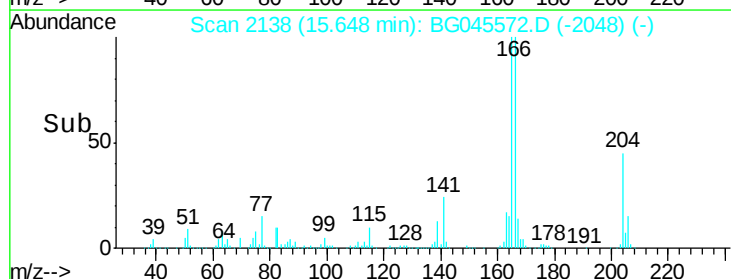
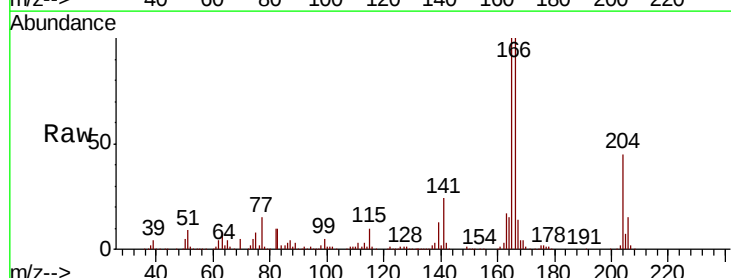
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 175593
Ion Ratio Lower Upper
165 100
63 39.0 32.5 48.7
89 75.6 61.8 92.6
182 2.3 2.3 3.5#



#58
Fluorene
Concen: 46.971 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:166 Resp: 492036
Ion Ratio Lower Upper
166 100
165 100.2 80.8 121.2
167 14.3 12.0 18.0

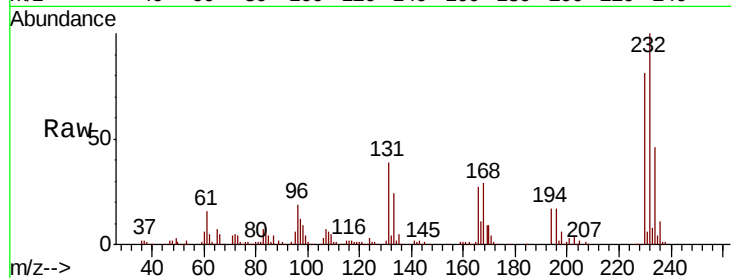




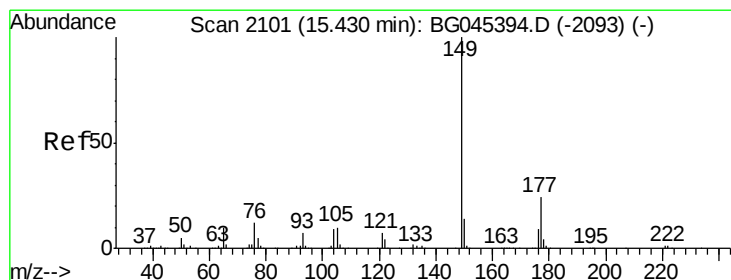
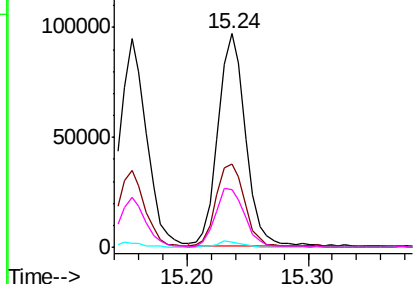
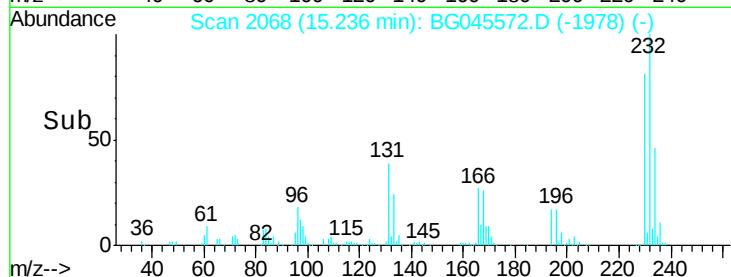
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.850 ng
RT: 15.24 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:232 Resp: 152513
Ion Ratio Lower Upper
232 100
131 39.9 33.7 50.5
130 2.8 2.1 3.1
166 29.0 23.2 34.8

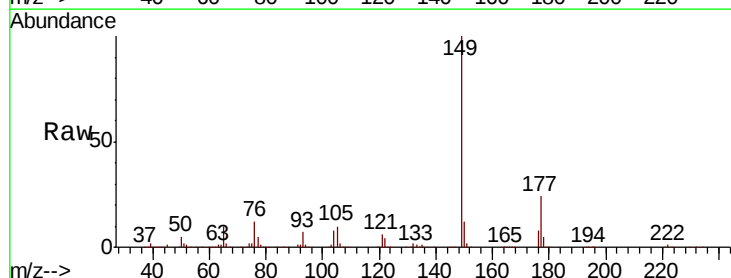


Abundance Ion 232.00 (231.70 to 232.70): E
150000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

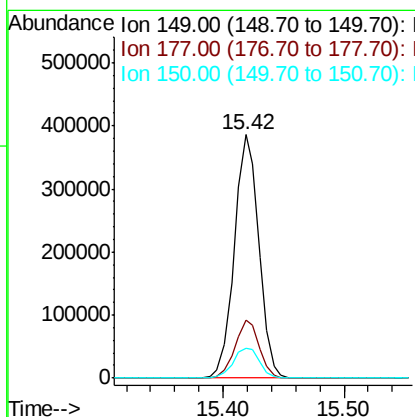
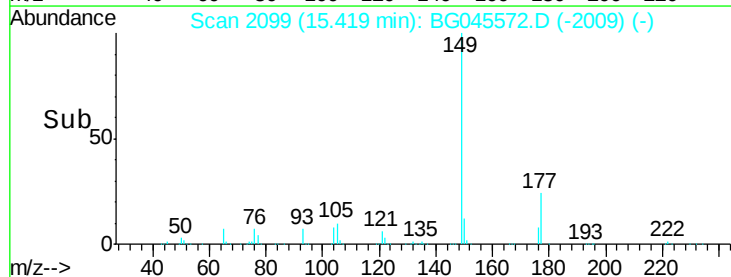


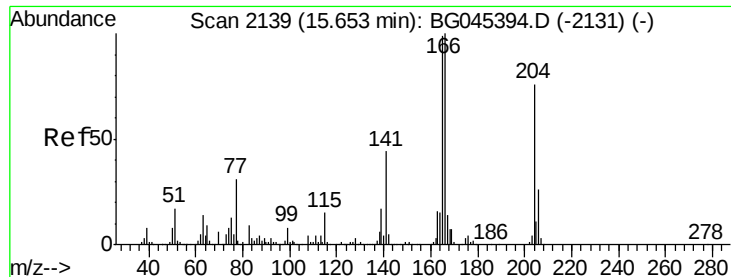
#60
Diethylphthalate
Concen: 47.625 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:149 Resp: 544239
Ion Ratio Lower Upper
149 100
177 23.7 19.0 28.4
150 12.3 11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

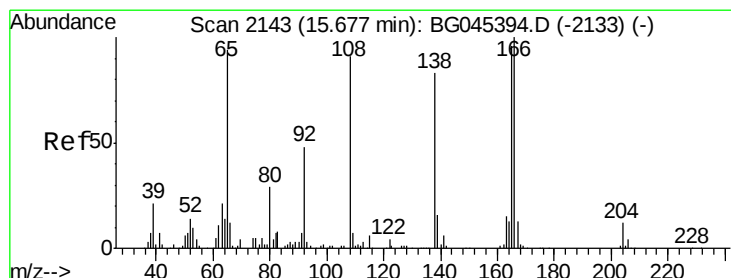
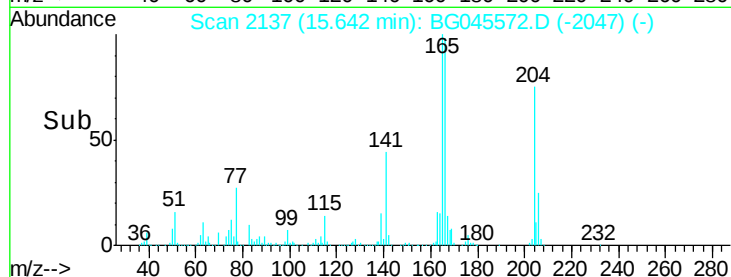
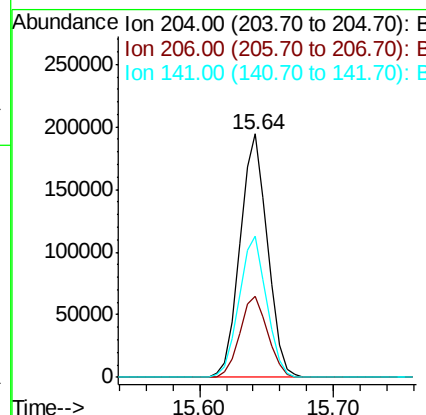
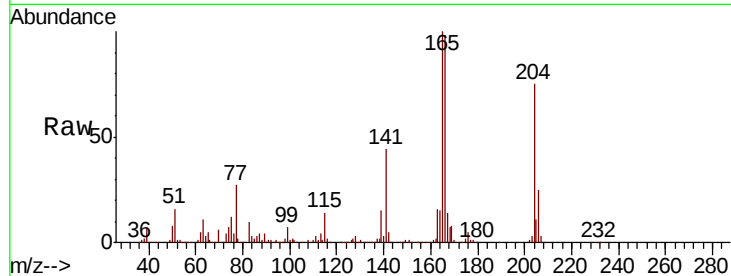




#61
4-Chlorophenyl-phenylether
Concen: 46.009 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

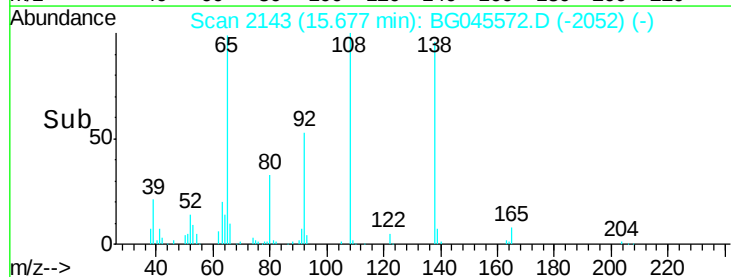
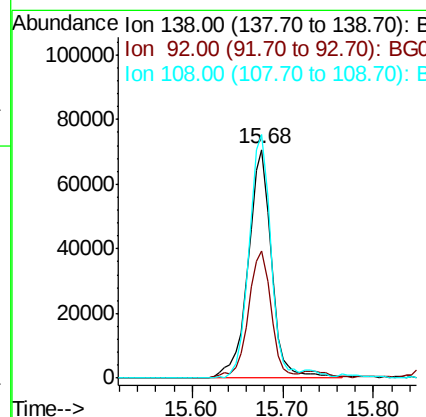
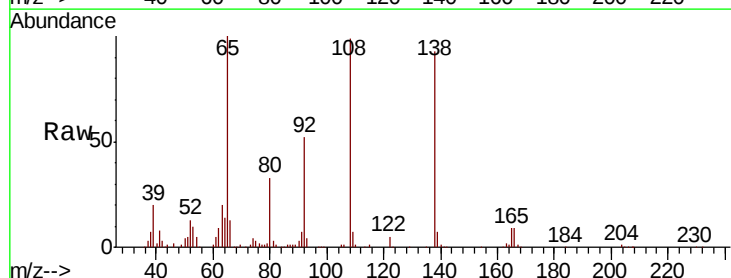
Instrument :
BNA_G
ClientSampleId :

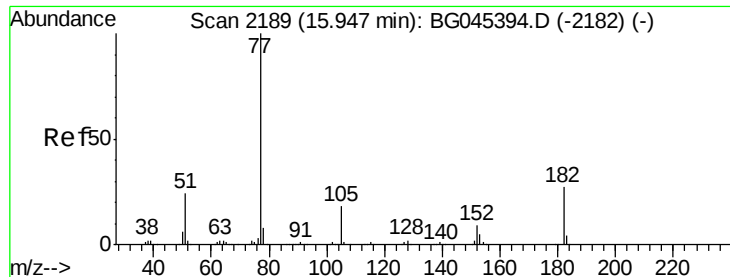
Tot Ion:204 Resp: 275795
Ion Ratio Lower Upper
204 100
206 33.0 27.3 40.9
141 58.1 45.9 68.9



#62
4-Nitroaniline
Concen: 48.030 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:138 Resp: 126278
Ion Ratio Lower Upper
138 100
92 55.7 38.0 78.0
108 106.6 89.3 129.3

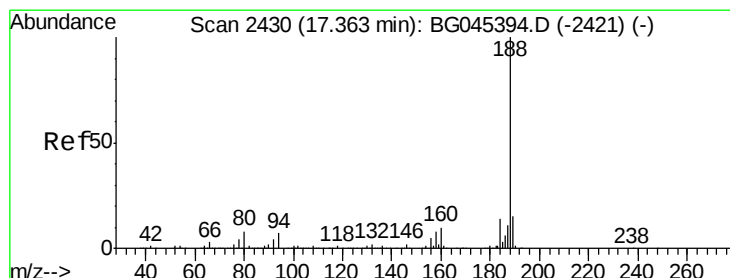
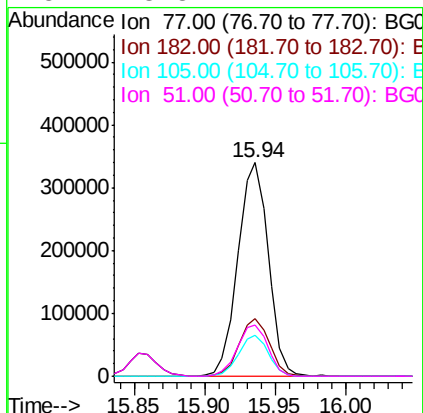
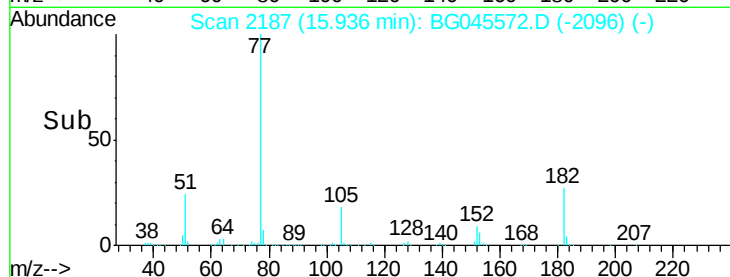
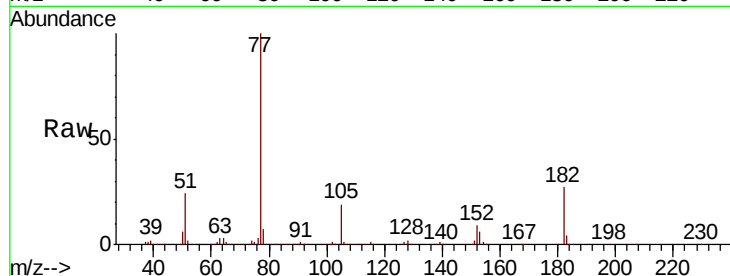




#63
Azobenzene
Concen: 47.916 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

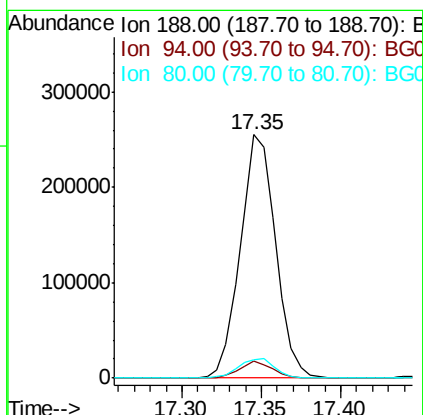
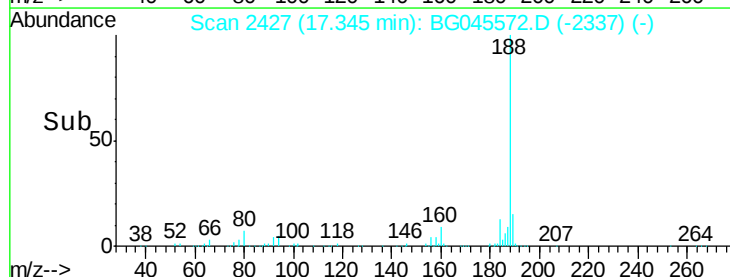
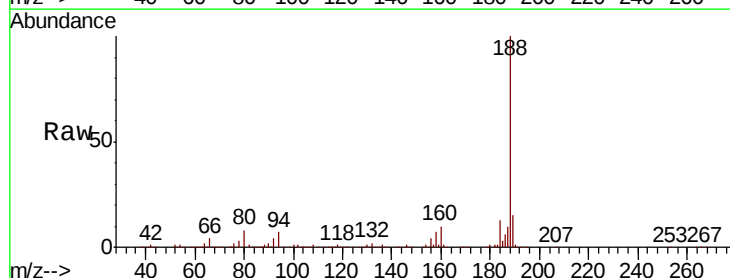
Instrument :
BNA_G
ClientSampleId :

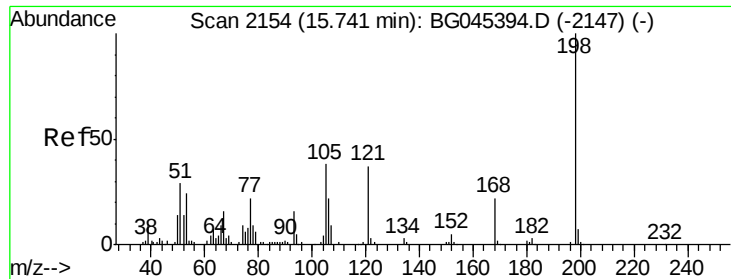
Tot Ion:	77	Resp:	510572
Ion	Ratio	Lower	Upper
77	100		
182	27.0	6.5	46.5
105	19.1	0.0	37.9
51	23.8	4.1	44.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:	188	Resp:	394037
Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	7.6	6.6	10.0





#65

4,6-Dinitro-2-methylphenol

Concen: 48.278 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampled :

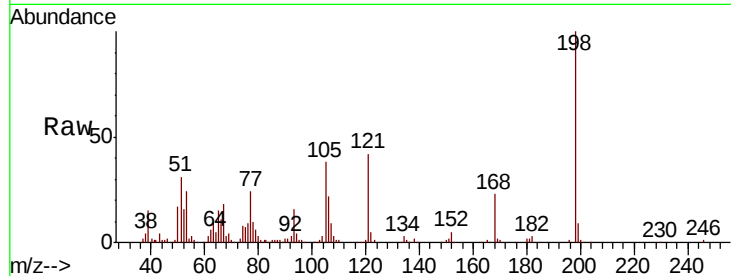
Tot Ion:198 Resp: 110792

Ion Ratio Lower Upper

198 100

51 30.5 10.0 50.0

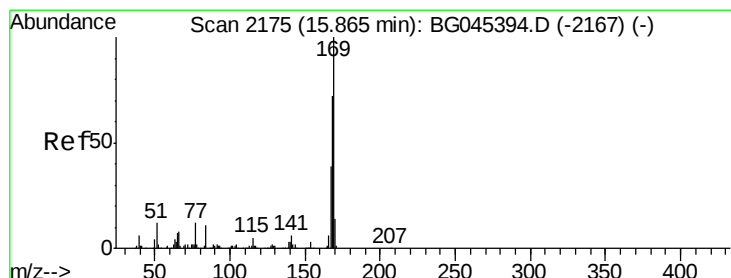
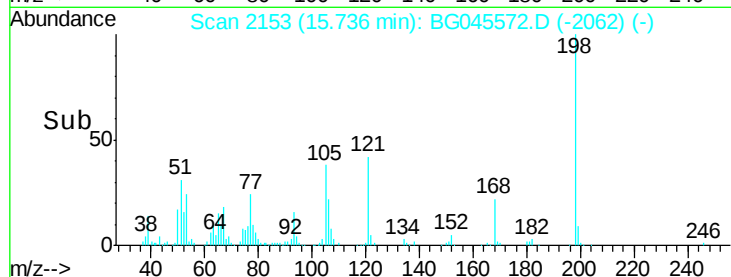
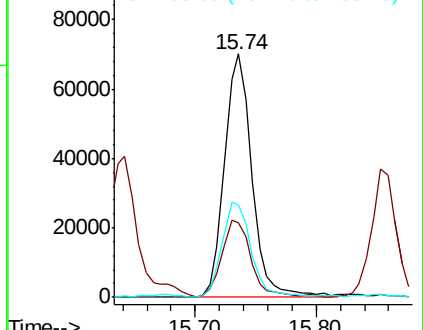
105 38.0 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.969 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

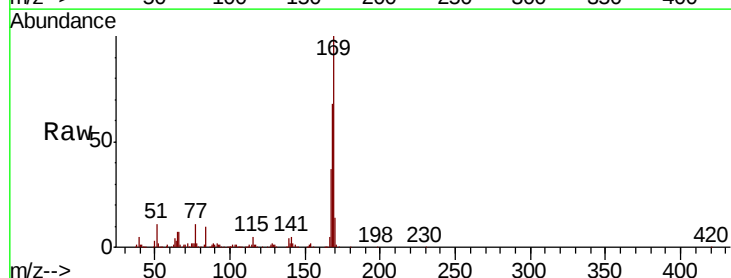
Tgt Ion:169 Resp: 453829

Ion Ratio Lower Upper

169 100

168 67.9 57.8 86.6

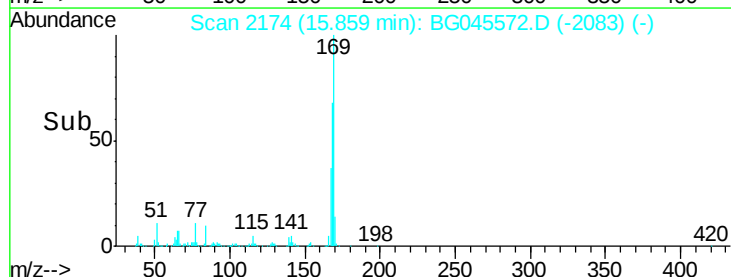
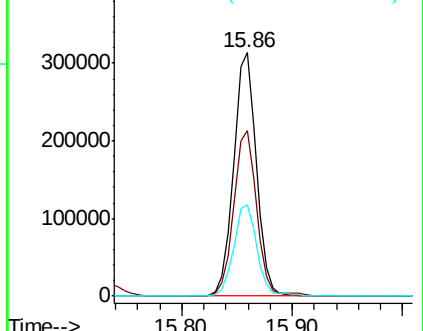
167 37.3 31.5 47.3

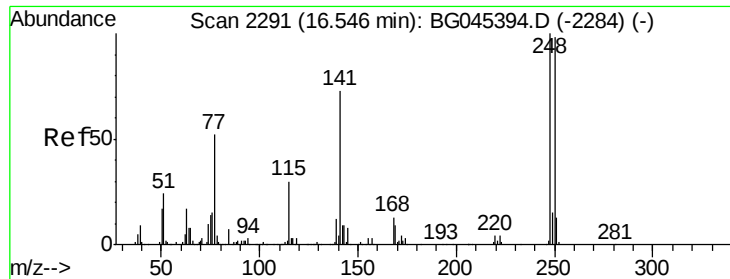


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

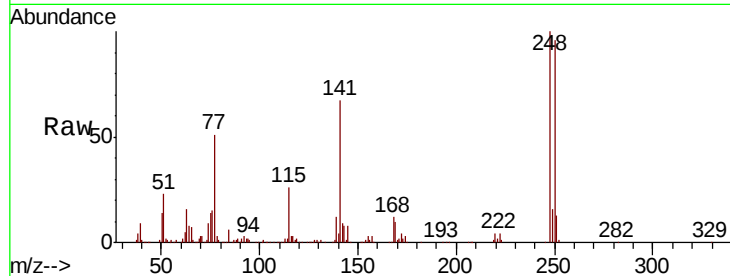




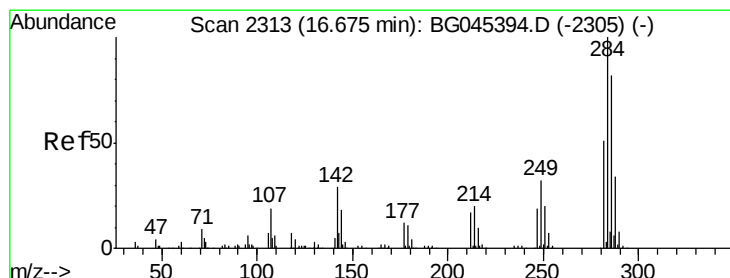
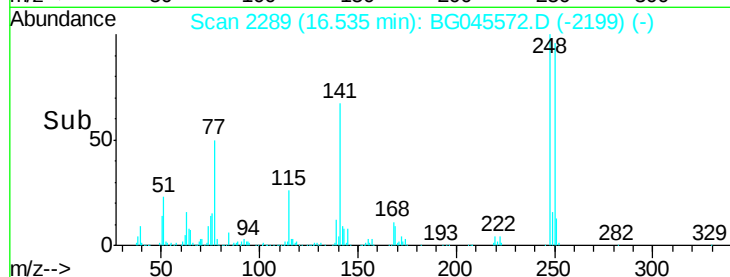
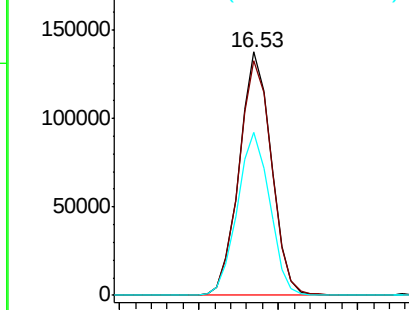
#67
4-Bromophenyl-phenylether
Concen: 45.227 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.6	117.8
141	67.1	58.2	87.2

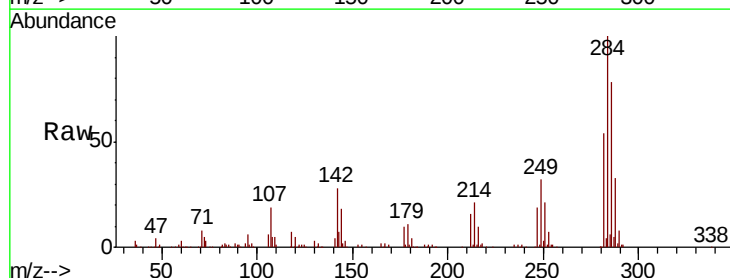


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

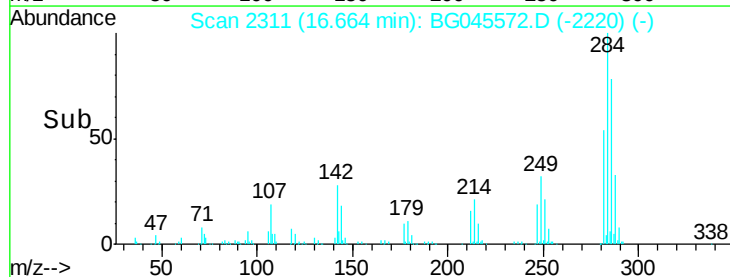
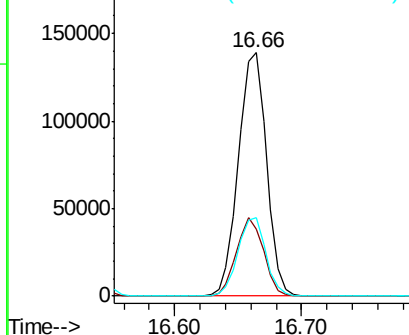


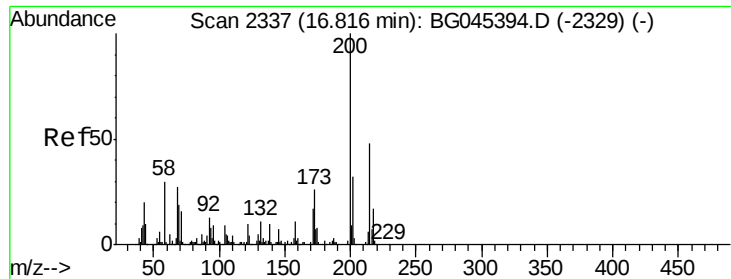
#68
Hexachlorobenzene
Concen: 47.838 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	23.0	34.6
249	32.3	25.8	38.6



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

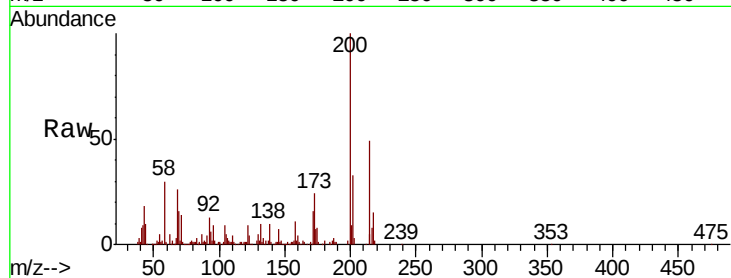




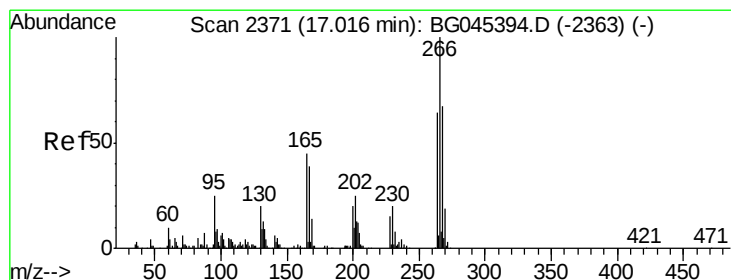
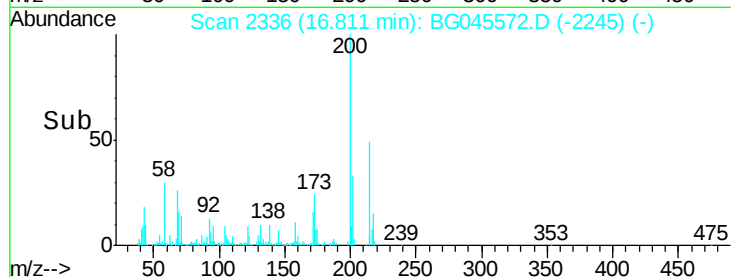
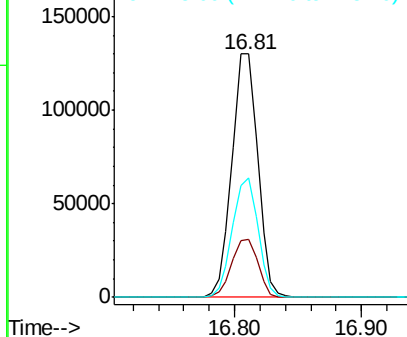
#69
Atrazine
Concen: 47.107 ng
RT: 16.81 min Scan# 2336
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.5	45.5
215	49.1	28.2	68.2

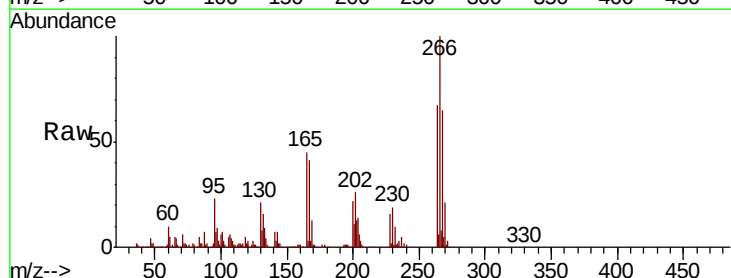


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

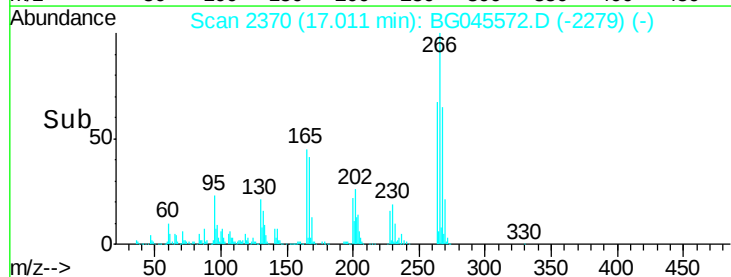
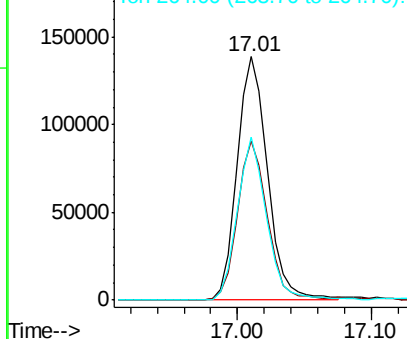


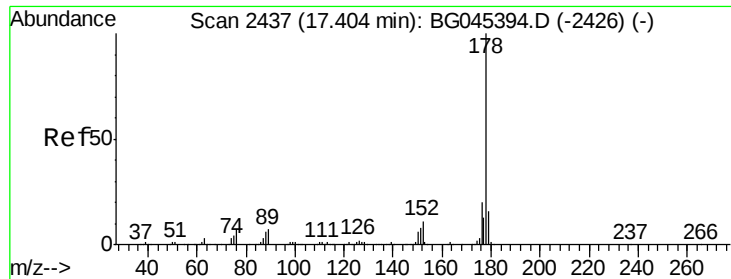
#70
Pentachlorophenol
Concen: 94.308 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	53.2	79.8
264	66.8	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

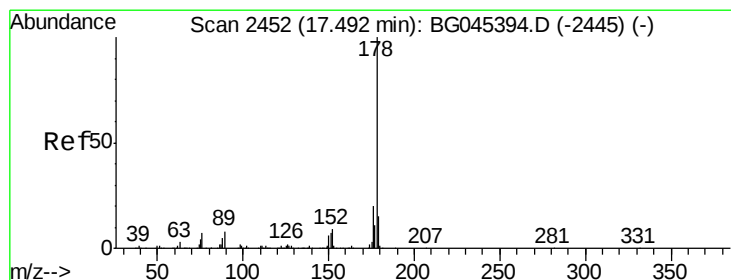
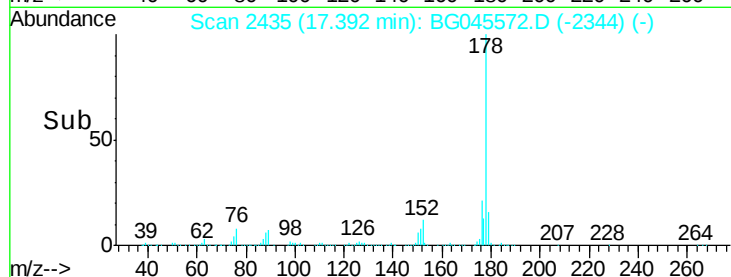
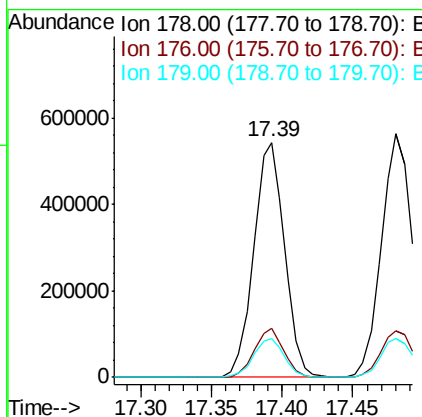
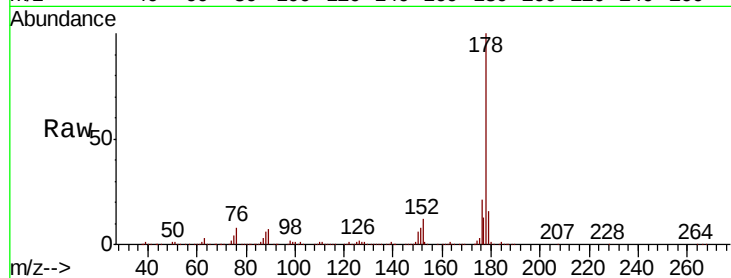




#71
Phenanthrene
Concen: 48.401 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

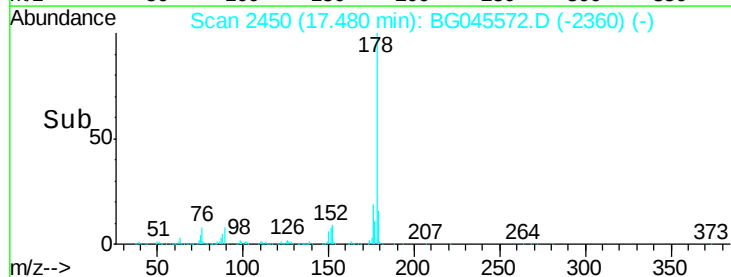
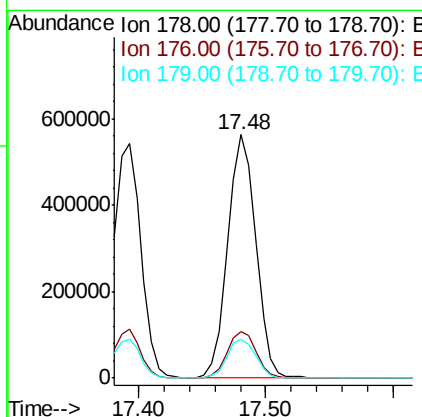
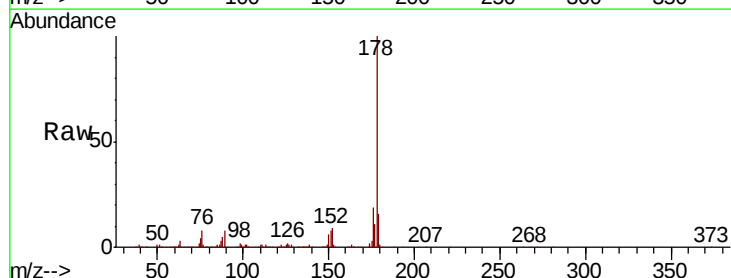
Instrument :
BNA_G
ClientSampleId :

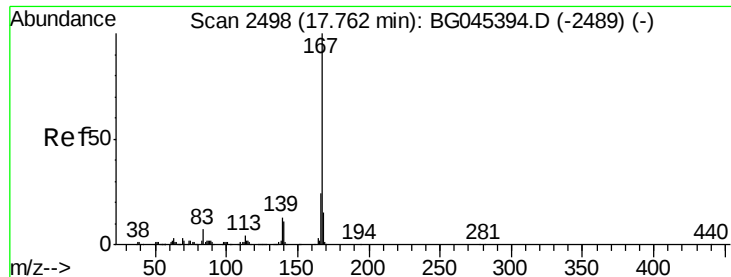
Tot Ion:178 Resp: 832585
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.3 13.1 19.7



#72
Anthracene
Concen: 49.681 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:178 Resp: 858229
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.9 12.2 18.4





#73

Carbazole

Concen: 48.824 ng

RT: 17.75 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

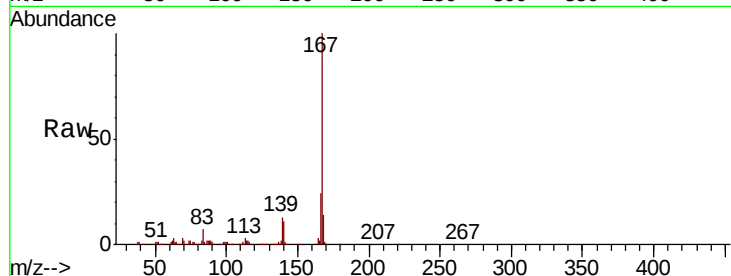
Tot Ion:167 Resp: 822137

Ion Ratio Lower Upper

167 100

166 23.7 19.2 28.8

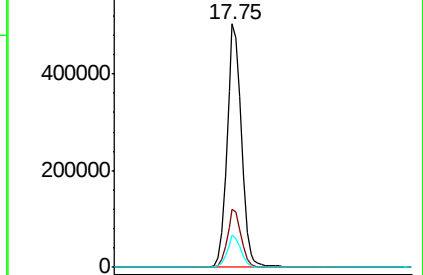
139 13.4 10.6 16.0



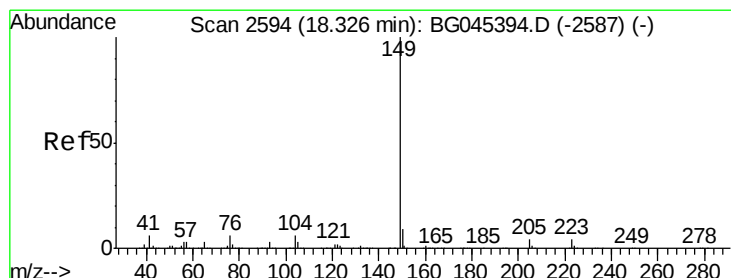
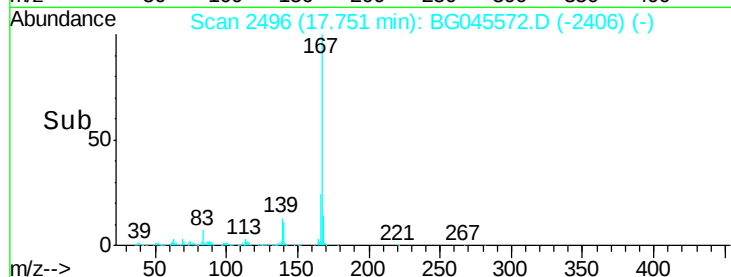
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 48.278 ng

RT: 18.31 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

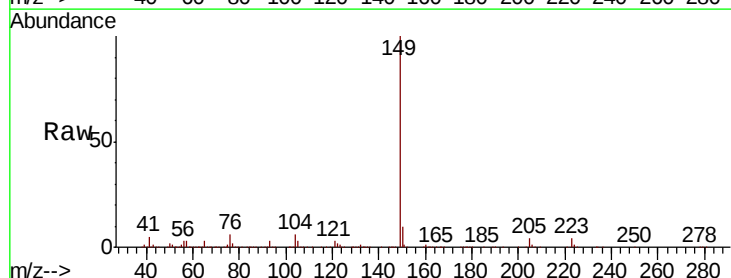
Tgt Ion:149 Resp: 975735

Ion Ratio Lower Upper

149 100

150 10.1 7.6 11.4

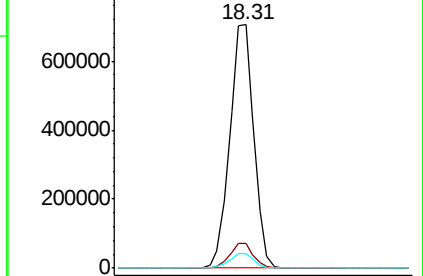
104 6.1 5.0 7.4



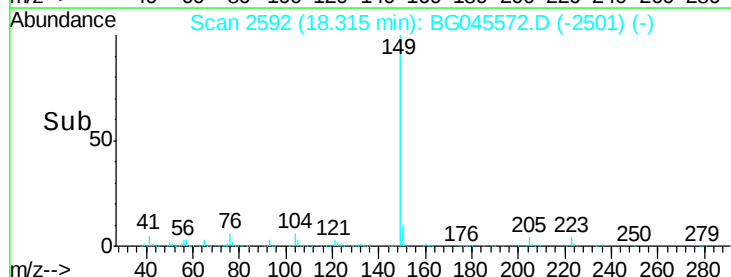
Abundance Ion 149.00 (148.70 to 149.70): E

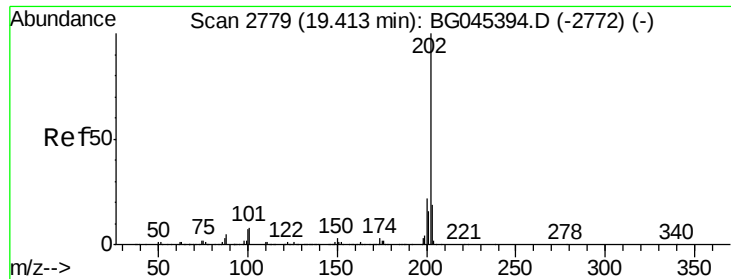
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 48.091 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

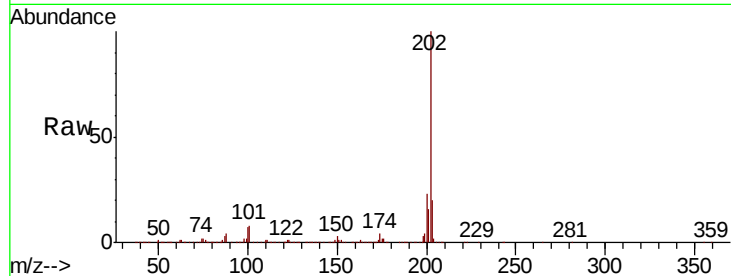
Tot Ion:202 Resp: 1052219

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

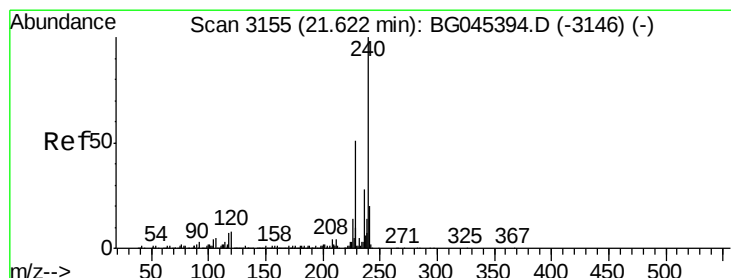
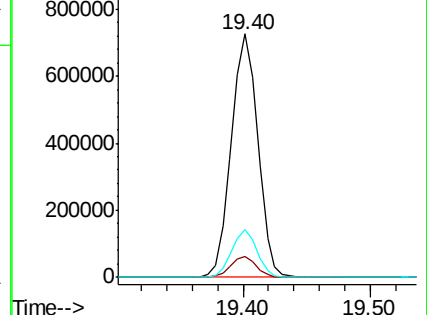
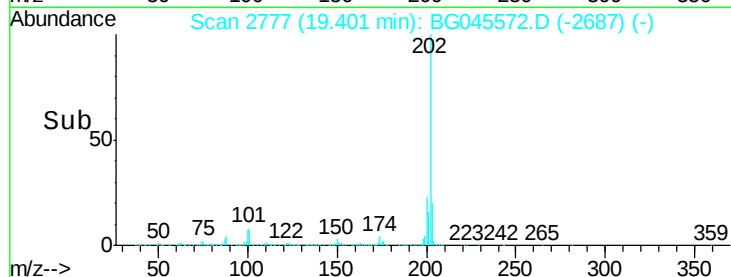
203 19.6 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

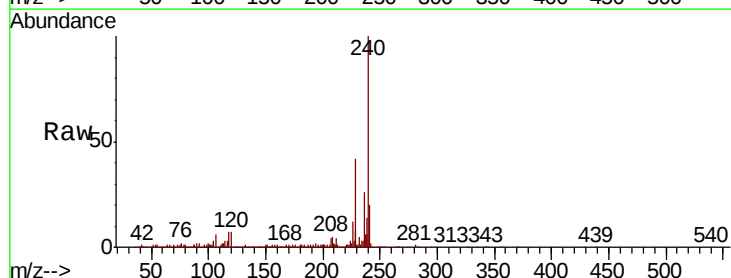
Tgt Ion:240 Resp: 379106

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

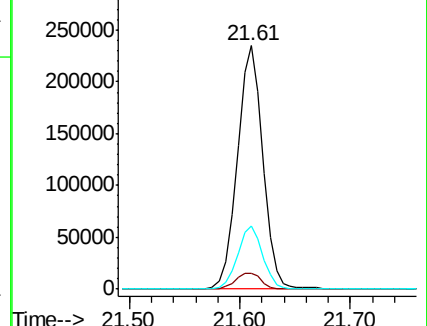
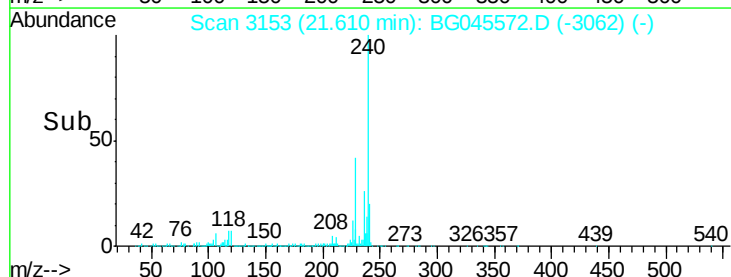
236 25.9 22.3 33.5

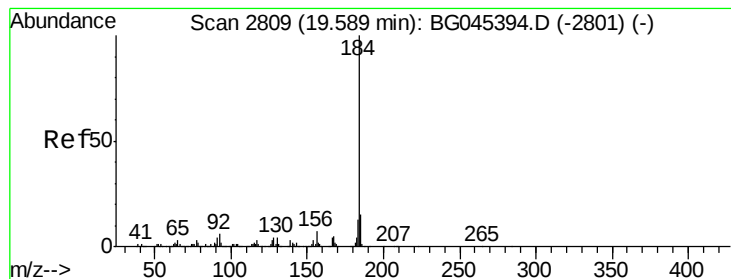


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.636 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

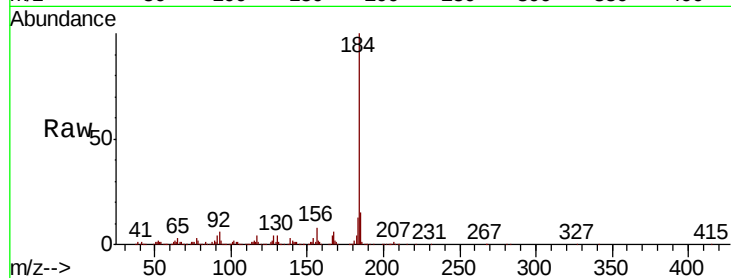
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 517849

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.7	17.5
183	13.3	10.2	15.4

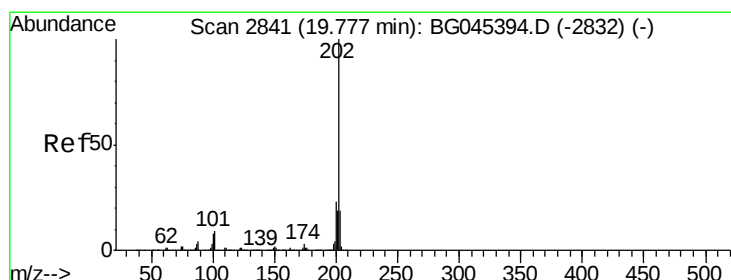
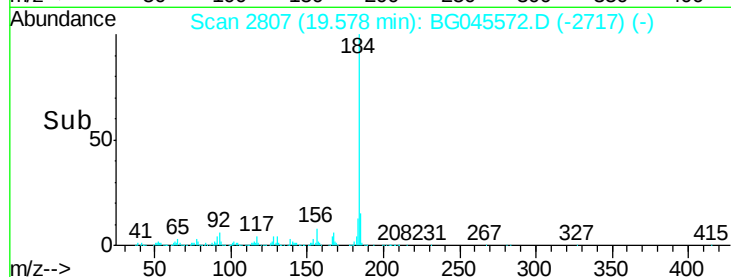
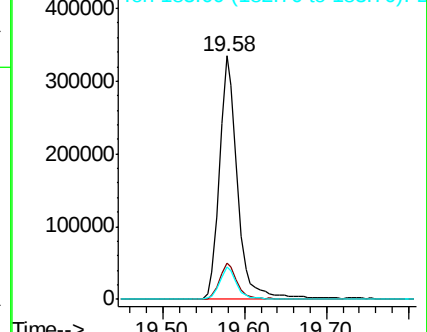


Abundance

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: 48.971 ng

RT: 19.76 min Scan# 2838

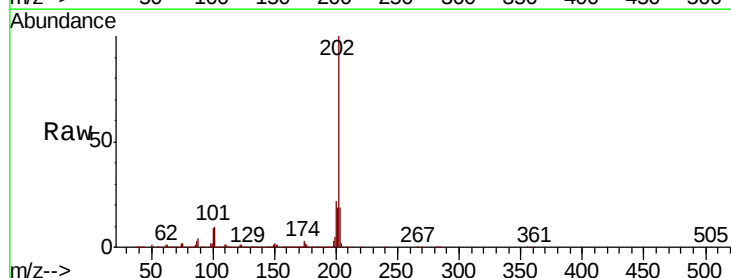
Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:202 Resp: 1058285

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.2	27.2
203	18.8	15.1	22.7

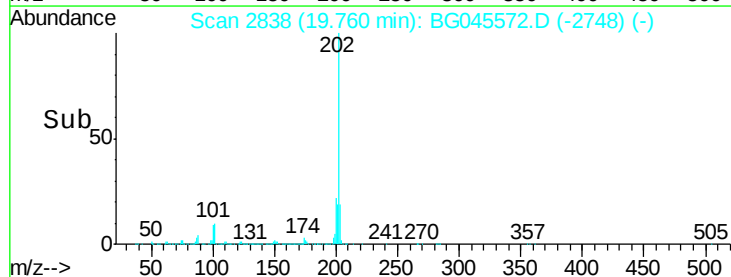
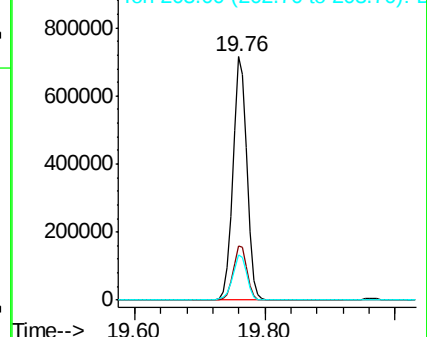


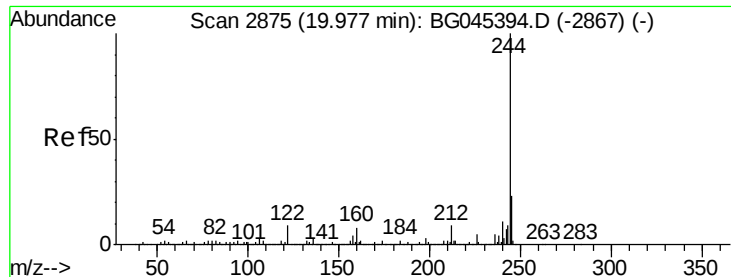
Abundance

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: 101.571 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

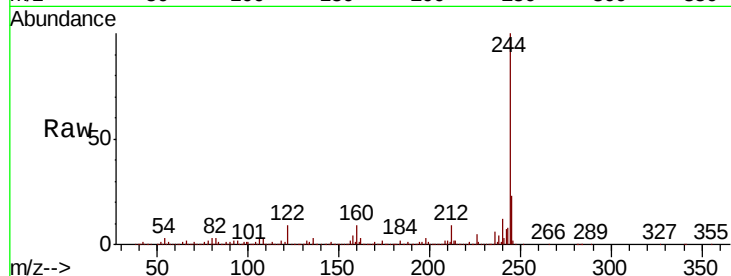
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1650990

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.0
122	8.7	6.8	10.2

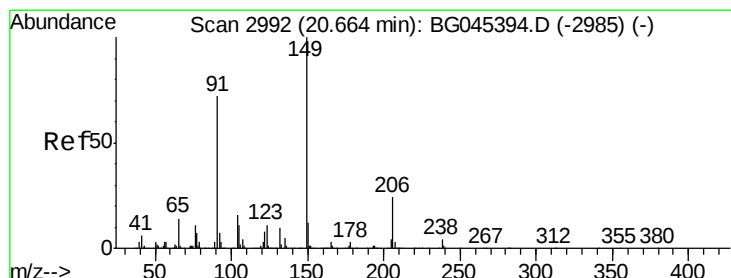
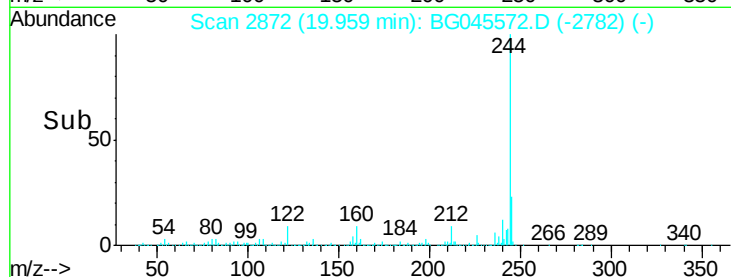
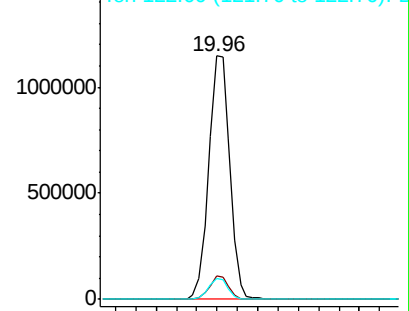


Abundance

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: 45.683 ng

RT: 20.65 min Scan# 2990

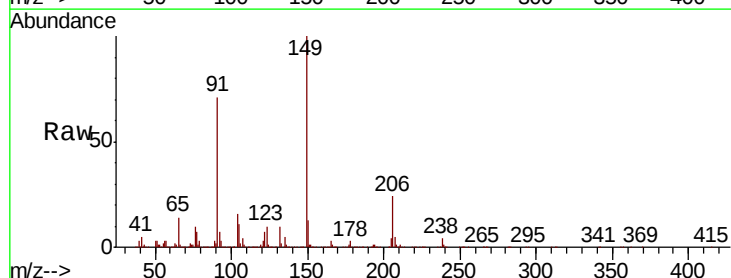
Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:149 Resp: 426123

Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.8	86.6
206	23.7	19.1	28.7

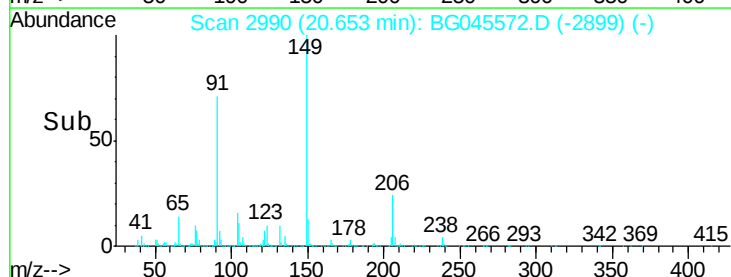
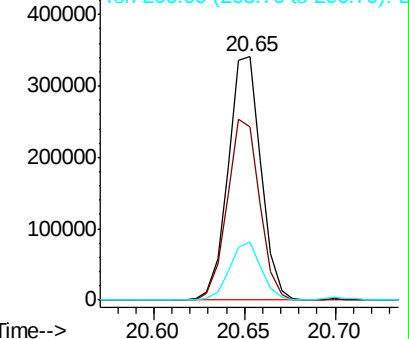


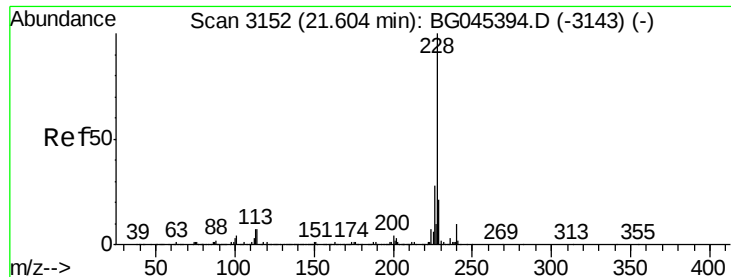
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

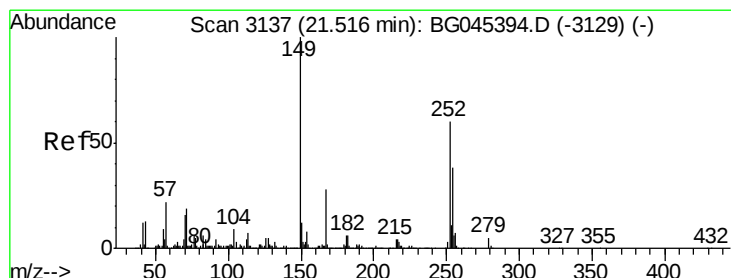
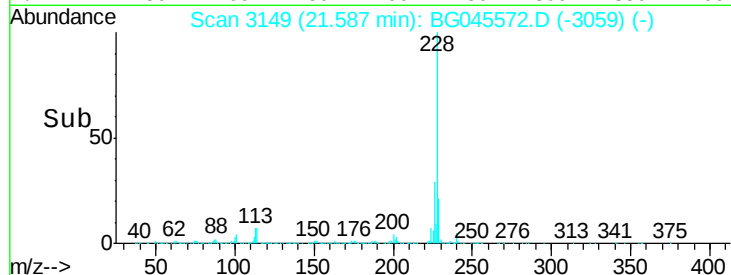
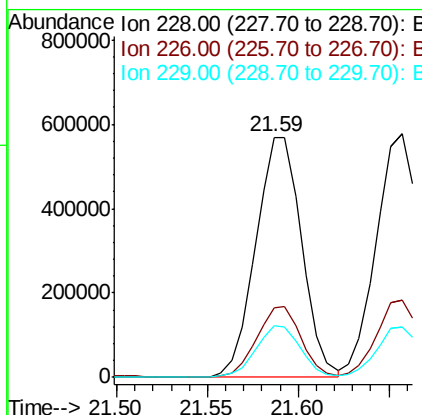
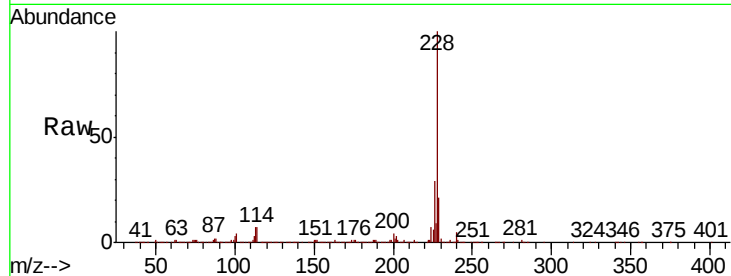




#81
Benzo(a)anthracene
Concen: 47.436 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

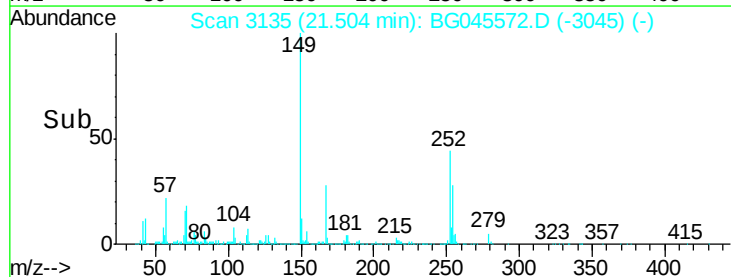
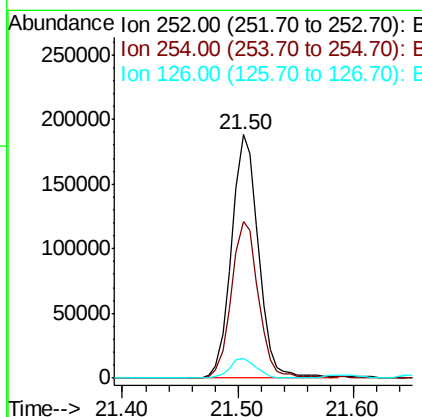
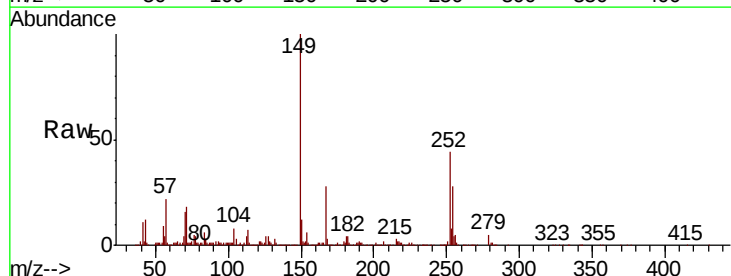
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1001781
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 21.4 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 36.683 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:252 Resp: 303881
Ion Ratio Lower Upper
252 100
254 64.1 51.3 76.9
126 8.2 6.6 10.0





#83

Chrvsene

Concen: 47.033 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

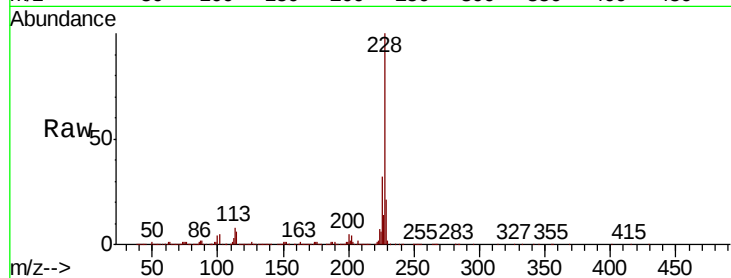
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 955083

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.2	37.8
229	20.9	16.7	25.1

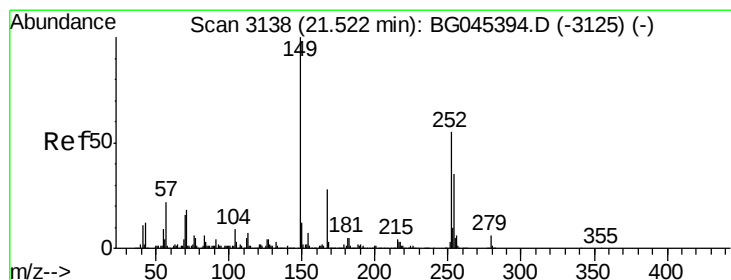
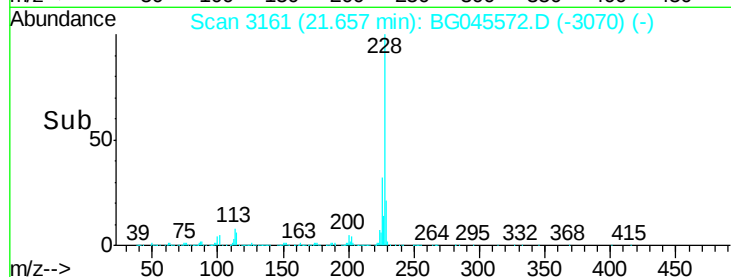
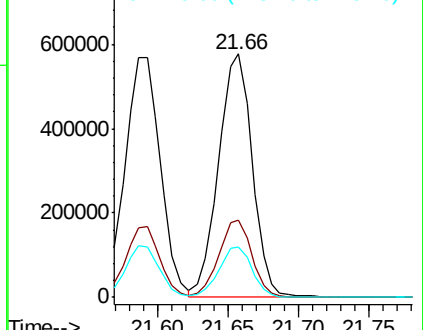


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.826 ng

RT: 21.50 min Scan# 3135

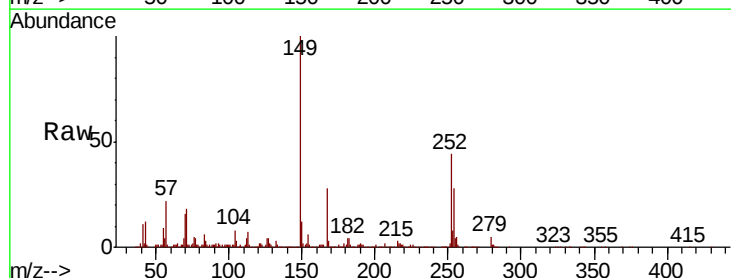
Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Tgt Ion:149 Resp: 600415

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	5.2	4.7	7.1

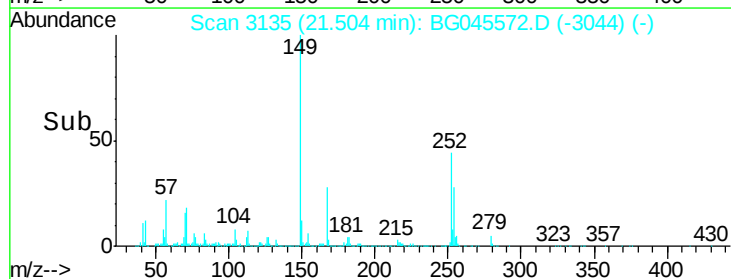
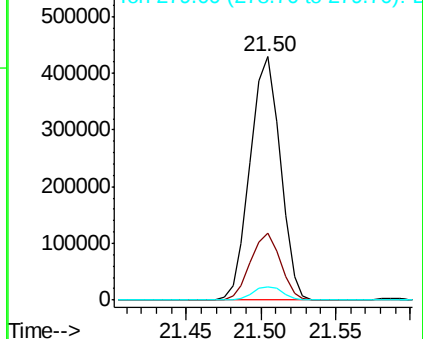


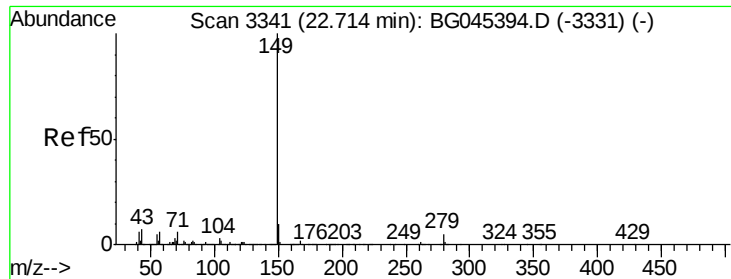
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.906 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

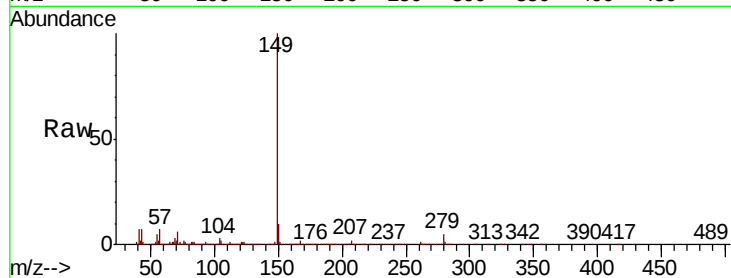
Tot Ion:149 Resp: 1010970

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

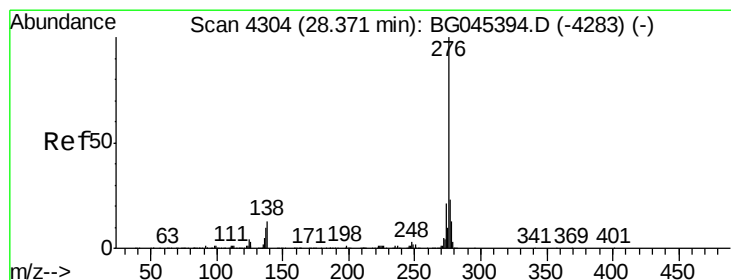
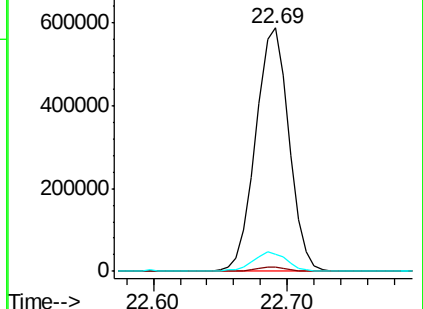
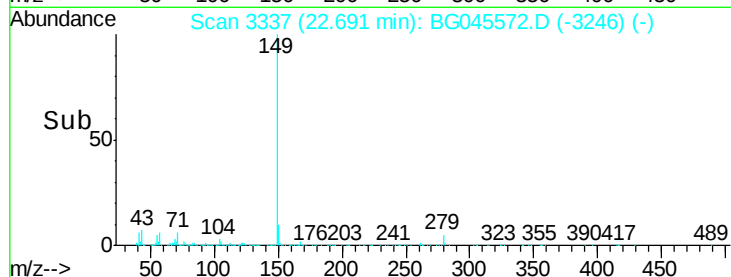
43 7.4 5.8 8.8



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: 45.798 ng

RT: 28.34 min Scan# 4298

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

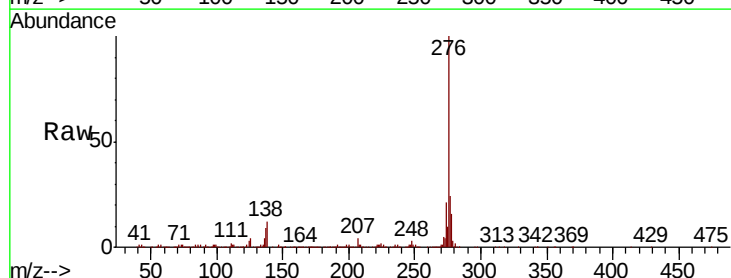
Tgt Ion:276 Resp: 1216141

Ion Ratio Lower Upper

276 100

138 10.6 8.6 12.8

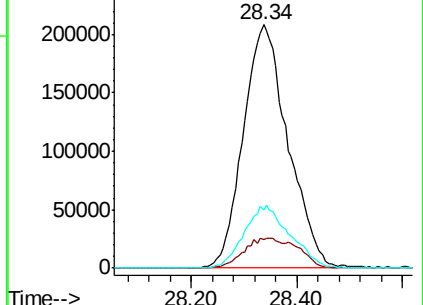
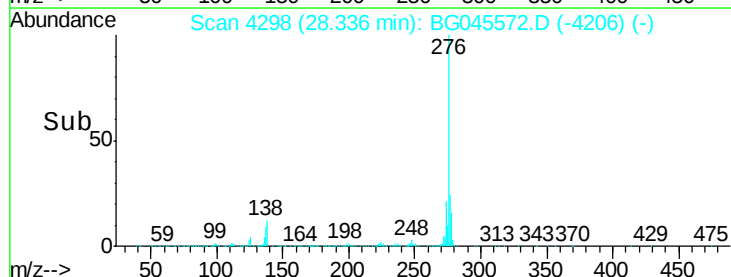
277 26.5 20.2 30.4

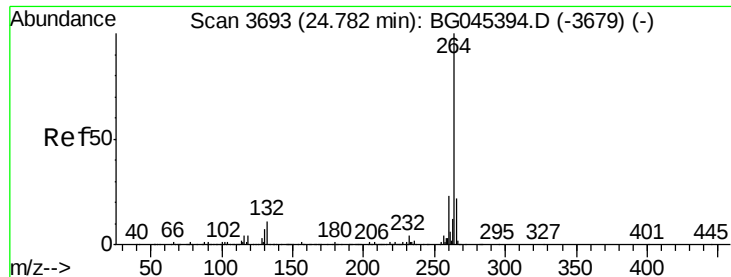


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

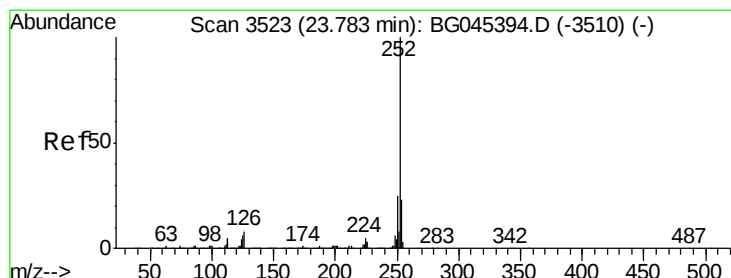
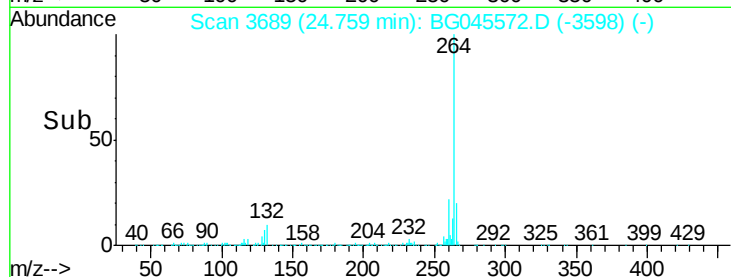
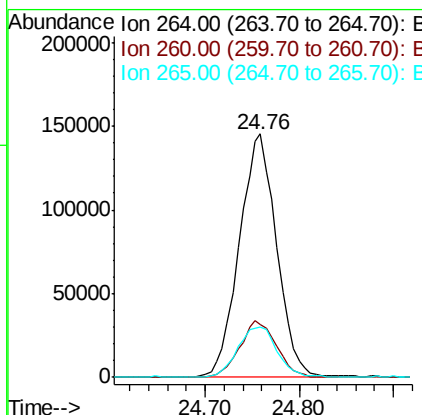
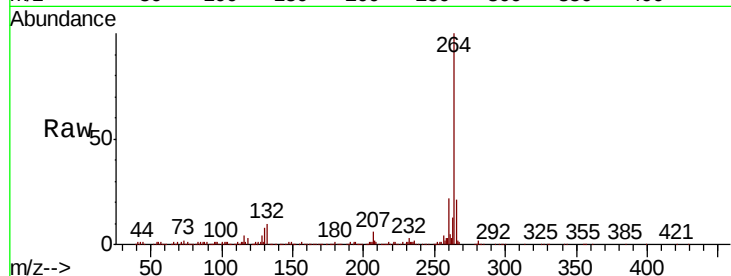




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

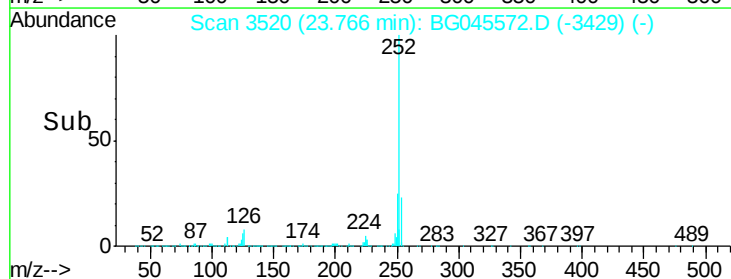
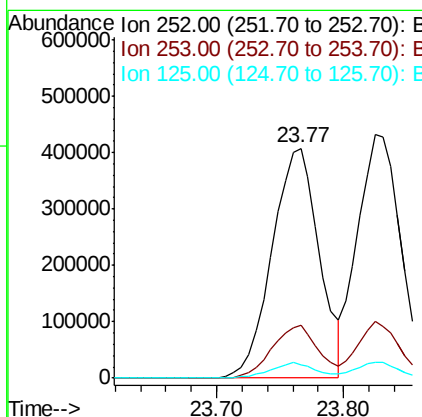
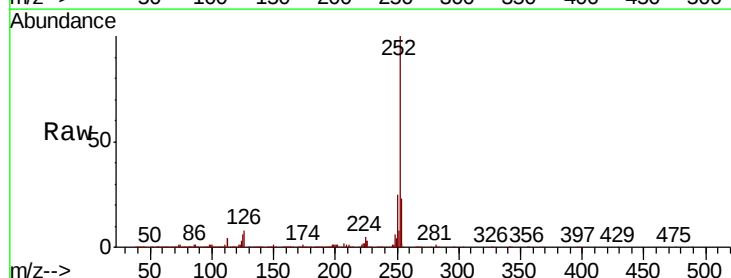
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 399148
Ion Ratio Lower Upper
264 100
260 21.9 18.2 27.4
265 20.8 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 49.269 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:252 Resp: 1054689
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 6.0 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 50.742 ng

RT: 23.82 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

Instrument :

BNA_G

ClientSampleId :

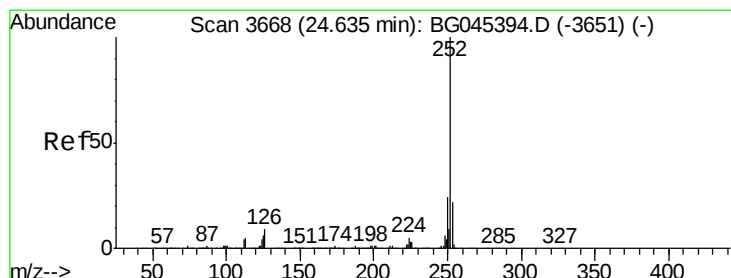
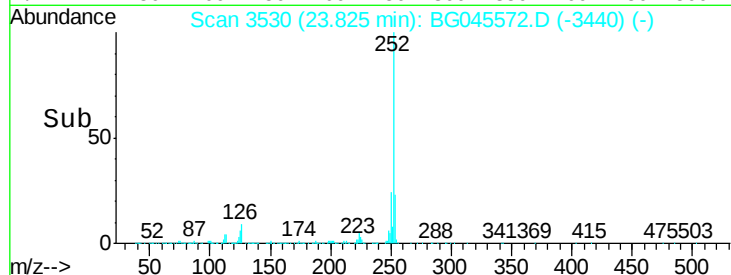
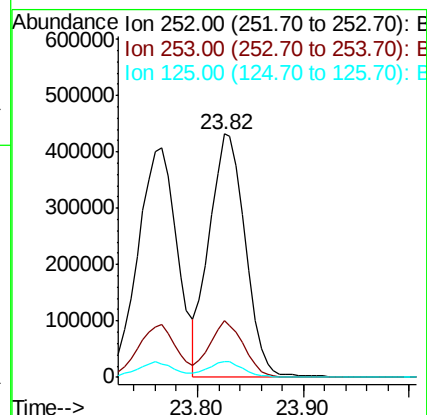
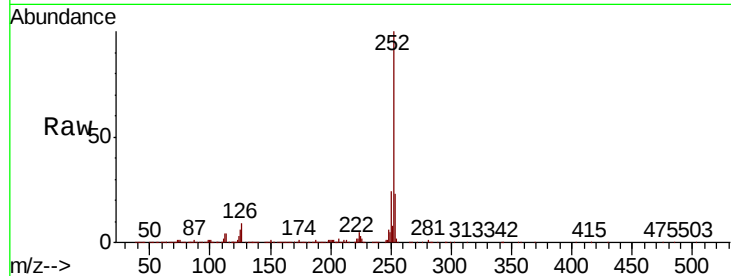
Tot Ion:252 Resp: 1020495

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

125 6.4 5.7 8.5



#90

Benzo(a)pyrene

Concen: 47.876 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045572.D

Acq: 2 Jun 2020 10:53

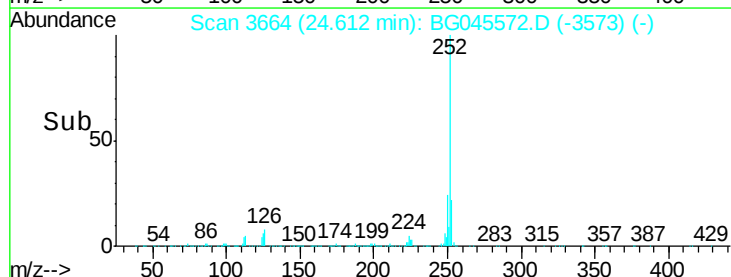
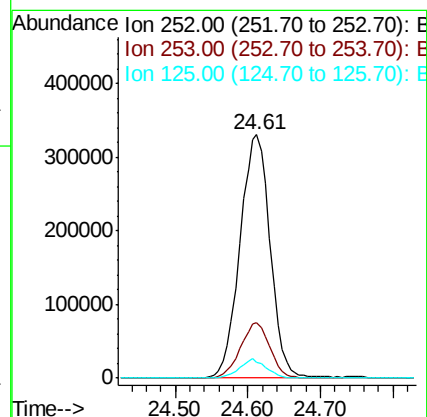
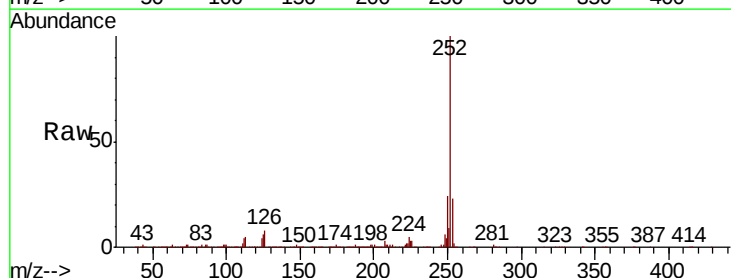
Tgt Ion:252 Resp: 954499

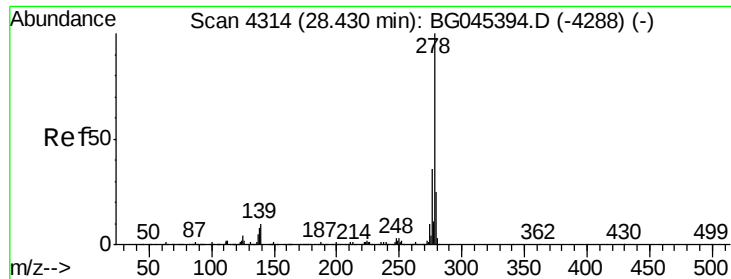
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 6.3 5.0 7.6

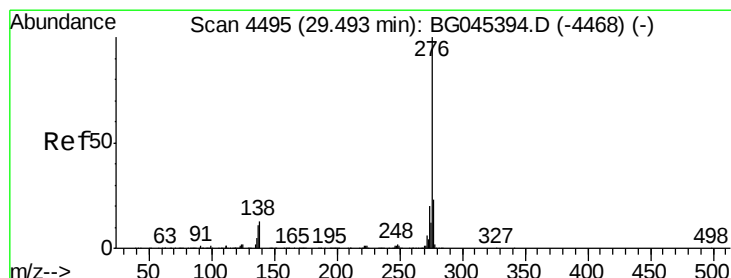
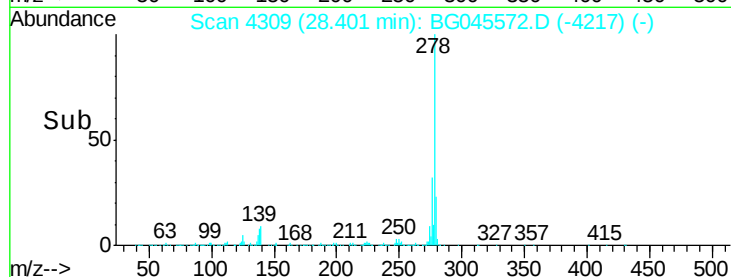
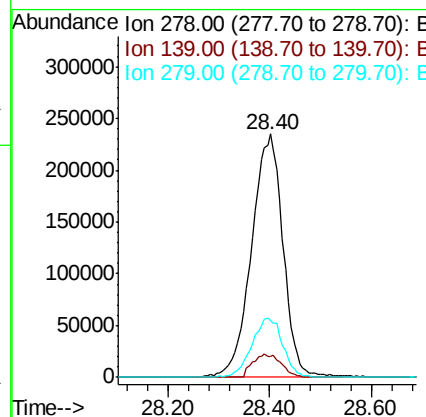
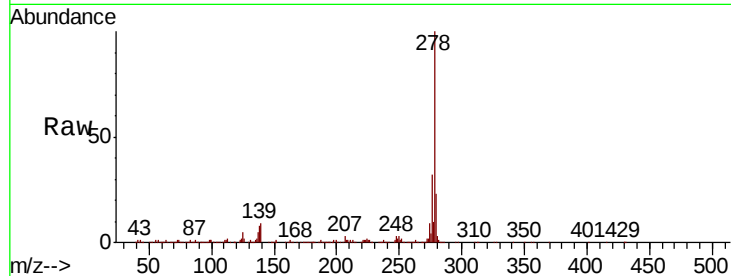




#91
Dibenzo(a,h)anthracene
Concen: 50.235 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1006432
Ion Ratio Lower Upper
278 100
139 8.6 7.8 11.8
279 23.4 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 50.713 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045572.D
Acq: 2 Jun 2020 10:53

Tgt Ion:276 Resp: 1016143
Ion Ratio Lower Upper
276 100
277 23.7 18.1 27.1
138 12.5 10.2 15.4

