

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045693.D
 Acq On : 10 Jun 2020 15:53
 Operator : CG/JU
 Sample : PB129457BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 18:20:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	48468	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	197995	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	145582	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	355942	20.00	ng	0.00
76) Chrysene-d12	21.60	240	325437	20.00	ng	0.00
87) Perylene-d12	24.74	264	371687	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	387959	156.43	ng	0.00
7) Phenol-d6	7.14	99	556730	157.72	ng	-0.01
23) Nitrobenzene-d5	9.11	82	357650	98.50	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	281139	151.00	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	858212	99.99	ng	0.00
79) Terphenyl-d14	19.95	244	1479612	106.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	49585	40.318	ng	# 92
3) Pyridine	3.79	79	142133	41.496	ng	97
4) n-Nitrosodimethylamine	3.71	42	62950	56.164	ng	81
6) Aniline	7.27	93	185683	40.296	ng	98
8) 2-Chlorophenol	7.52	128	148607	54.641	ng	98
9) Benzaldehyde	7.08	77	111497	48.481	ng	96
10) Phenol	7.16	94	204418	56.189	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	137239	48.363	ng	97
12) 1,3-Dichlorobenzene	7.83	146	154424	47.249	ng	94
13) 1,4-Dichlorobenzene	7.98	146	158407	49.113	ng	95
14) 1,2-Dichlorobenzene	8.30	146	149540	48.205	ng	95
15) Benzyl Alcohol	8.19	79	156759	53.758	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	132816	49.308	ng	96
17) 2-Methylphenol	8.41	107	138539	50.877	ng	99
18) Hexachloroethane	9.03	117	61862	50.078	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	131142	53.726	ng	98
20) 3+4-Methylphenols	8.74	107	192352	51.874	ng	96
22) Acetophenone	8.77	105	226917	48.355	ng	96
24) Nitrobenzene	9.15	77	195259	50.194	ng	94
25) Isophorone	9.67	82	364793	51.017	ng	99
26) 2-Nitrophenol	9.86	139	87953	52.853	ng	93
27) 2,4-Dimethylphenol	9.94	122	142914	57.904	ng	96
28) bis(2-Chloroethoxy)methane	10.15	93	198319	52.885	ng	97
29) 2,4-Dichlorophenol	10.41	162	164354	56.391	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	174891	50.782	ng	99
31) Naphthalene	10.80	128	472449	51.206	ng	98
32) Benzoic acid	10.11	122	62670	39.561	ng	93
33) 4-Chloroaniline	10.92	127	95439	24.746	ng	95
34) Hexachlorobutadiene	11.09	225	119484	49.081	ng	98
35) Caprolactam	11.69	113	31234	29.196	ng	# 88
36) 4-Chloro-3-methylphenol	12.06	107	189033	57.558	ng	96
37) 2-Methylnaphthalene	12.41	142	365939	53.213	ng	95
38) 1-Methylnaphthalene	12.63	142	354253	54.534	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	206734	50.841	ng	99

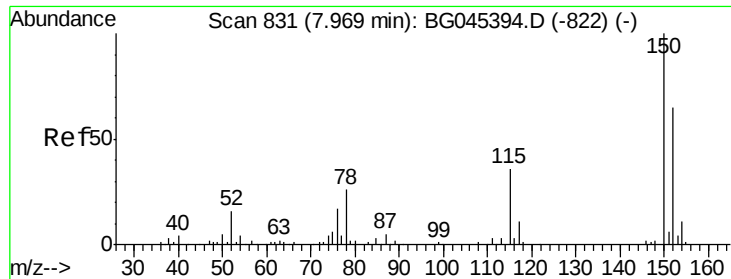
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
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 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	258869	110.297	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	144968	51.321	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	154733	47.936	ng	98
46) 1,1'-Biphenyl	13.42	154	474977	53.098	ng	98
47) 2-Chloronaphthalene	13.46	162	368221	50.691	ng	97
48) 2-Nitroaniline	13.67	65	125209	52.401	ng	99
49) Acenaphthylene	14.31	152	607988	52.108	ng	99
50) Dimethylphthalate	14.05	163	514856	51.554	ng	99
51) 2,6-Dinitrotoluene	14.17	165	114190	50.672	ng	95
52) Acenaphthene	14.65	154	365811	46.838	ng	98
53) 3-Nitroaniline	14.50	138	68440	29.876	ng	95
54) 2,4-Dinitrophenol	14.71	184	130352	87.735	ng	94
55) Dibenzofuran	14.99	168	599719	51.708	ng	96
56) 4-Nitrophenol	14.84	139	149102	85.969	ng	87
57) 2,4-Dinitrotoluene	14.96	165	165856	50.818	ng	99
58) Fluorene	15.64	166	510025	53.526	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	150035	52.832	ng	97
60) Diethylphthalate	15.41	149	535000	51.469	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	282783	51.862	ng	99
62) 4-Nitroaniline	15.66	138	111844	46.767	ng	95
63) Azobenzene	15.92	77	523721	54.034	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	104120	50.227	ng	94
66) n-Nitrosodiphenylamine	15.85	169	456958	53.469	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	193607	50.232	ng	97
68) Hexachlorobenzene	16.65	284	211322	52.421	ng	97
69) Atrazine	16.80	200	171719	48.783	ng	98
70) Pentachlorophenol	17.00	266	189812	90.681	ng	97
71) Phenanthrene	17.38	178	809944	52.124	ng	99
72) Anthracene	17.47	178	834400	53.471	ng	98
73) Carbazole	17.74	167	759255	49.916	ng	99
74) Di-n-butylphthalate	18.30	149	907921	49.731	ng	99
75) Fluoranthene	19.40	202	1015331	51.372	ng	99
77) Benzidine	19.57	184	444259	48.606	ng	99
78) Pyrene	19.75	202	986820	53.194	ng	99
80) Butylbenzylphthalate	20.64	149	398386	49.753	ng	97
81) Benzo(a)anthracene	21.58	228	951416	52.480	ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	245004	34.453	ng	99
83) Chrysene	21.65	228	930318	53.369	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	569640	51.752	ng	99
85) Di-n-octyl phthalate	22.67	149	968797	51.246	ng	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1225440	53.759	ng	# 97
88) Benzo(b)fluoranthene	23.75	252	1068097	53.582	ng	100
89) Benzo(k)fluoranthene	23.82	252	991706	52.954	ng	99
90) Benzo(a)pyrene	24.59	252	959797	51.699	ng	97
91) Dibenzo(a,h)anthracene	28.37	278	981876	52.630	ng	99
92) Benzo(g,h,i)perylene	29.42	276	986375	52.865	ng	96

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

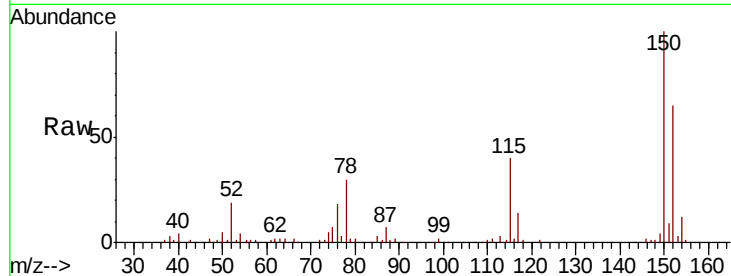


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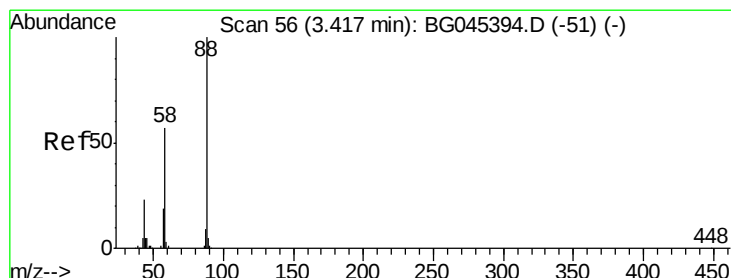
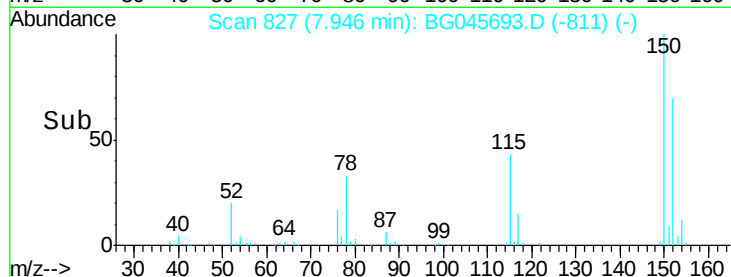
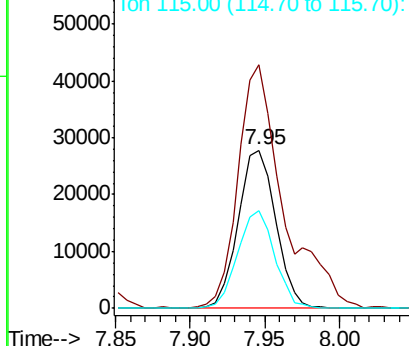
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48468
Ion Ratio Lower Upper
152 100
150 153.9 122.4 183.6
115 61.6 44.2 66.4



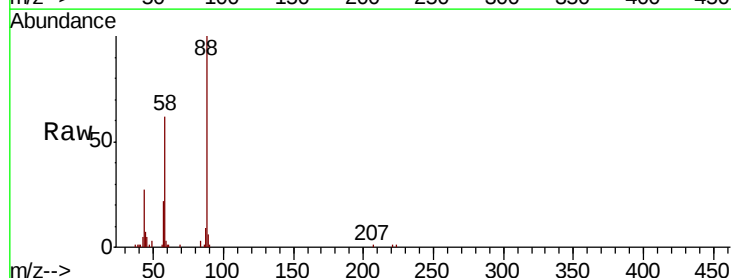
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



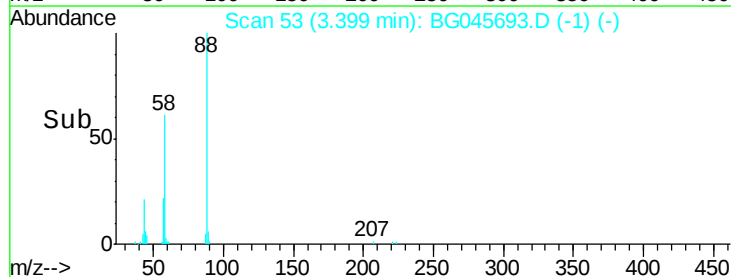
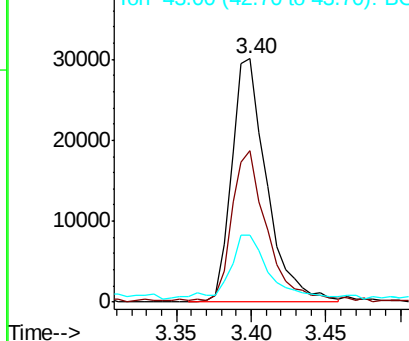
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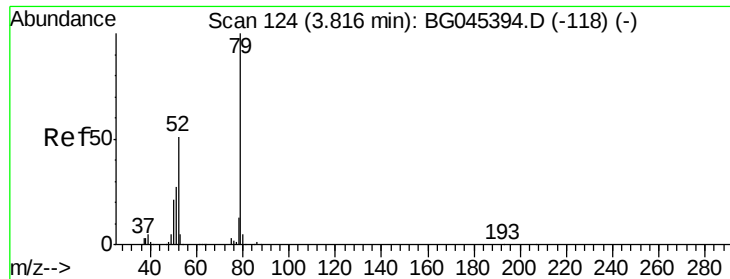
1,4-Dioxane
Concen: 40.318 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion: 88 Resp: 49585
Ion Ratio Lower Upper
88 100
58 60.9 45.7 68.5
43 27.8 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: 41.496 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

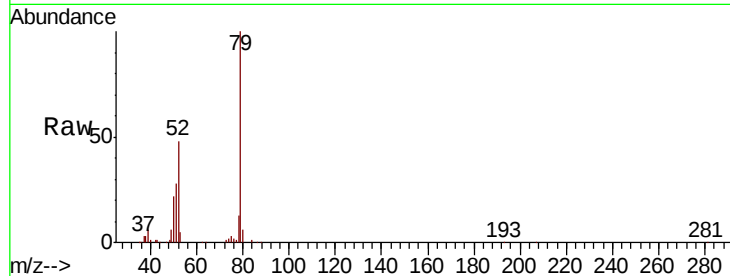
Tot Ion: 79 Resp: 142133

Ion Ratio Lower Upper

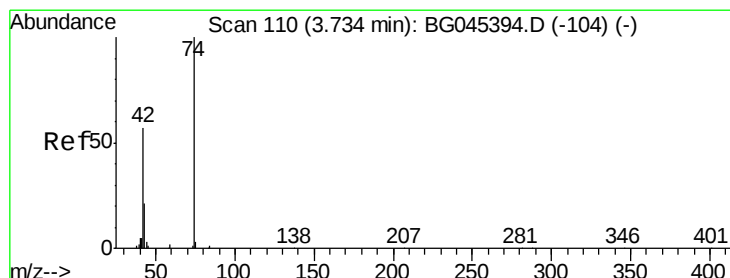
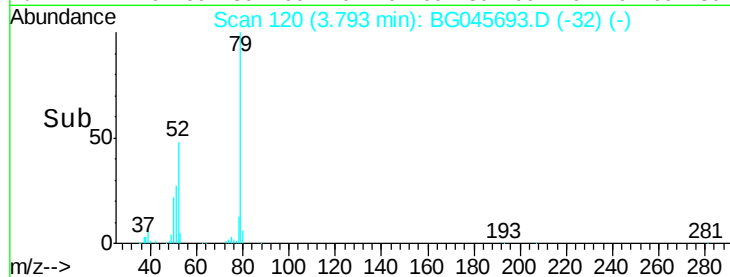
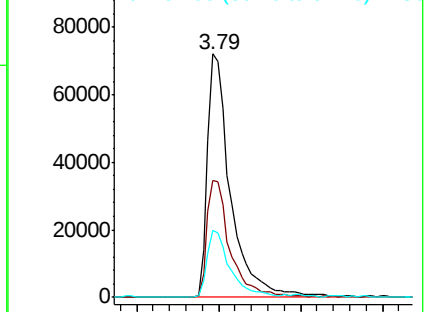
79 100

52 48.0 40.8 61.2

51 27.6 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 56.164 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

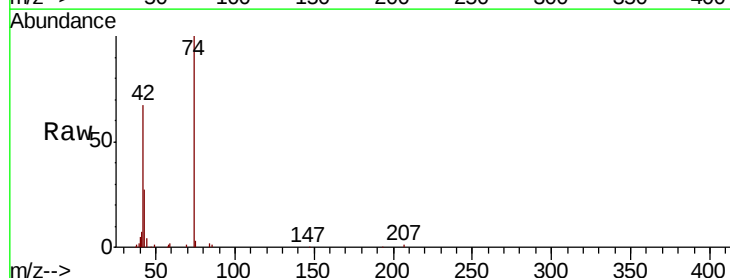
Tgt Ion: 42 Resp: 62950

Ion Ratio Lower Upper

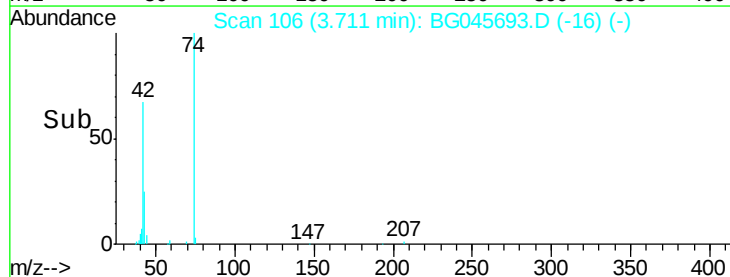
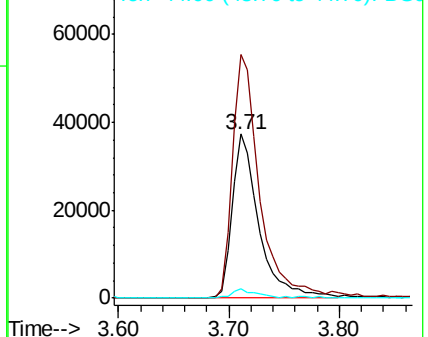
42 100

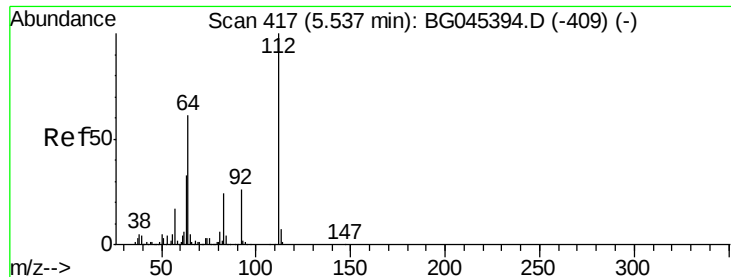
74 148.8 141.3 211.9

44 5.5 4.2 6.4



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





#5

2-Fluorophenol

Concen: 156.430 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

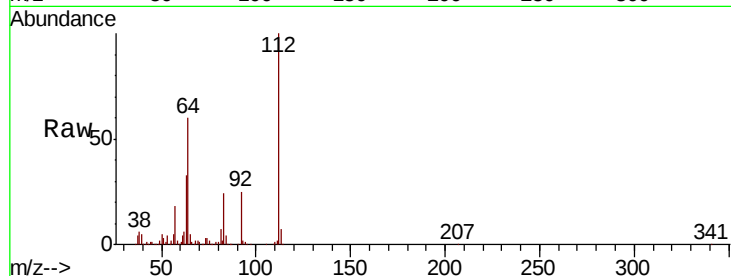
Tot Ion:112 Resp: 387959

Ion Ratio Lower Upper

112 100

64 59.7 48.6 72.8

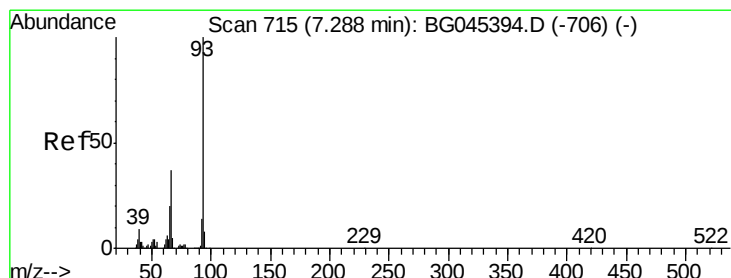
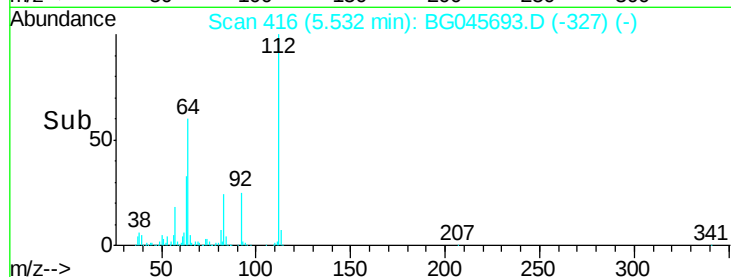
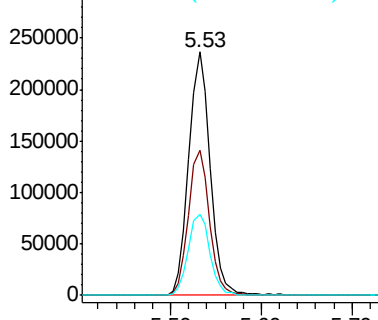
63 33.4 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.296 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

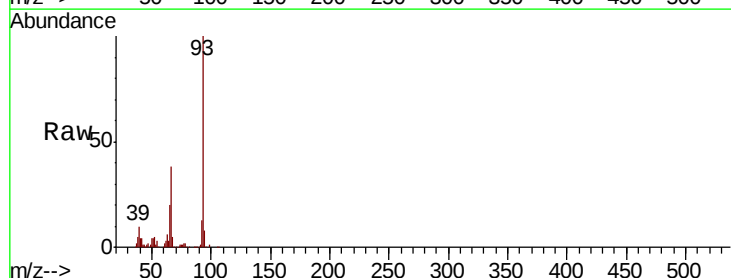
Tgt Ion: 93 Resp: 185683

Ion Ratio Lower Upper

93 100

66 38.1 29.6 44.4

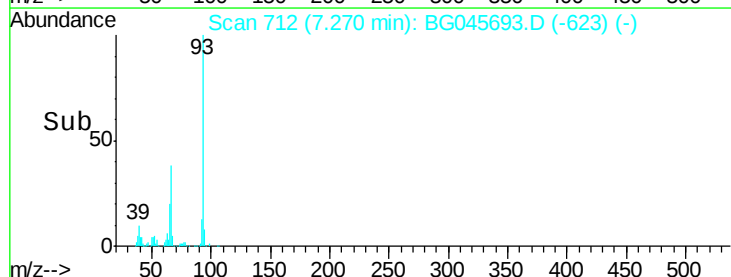
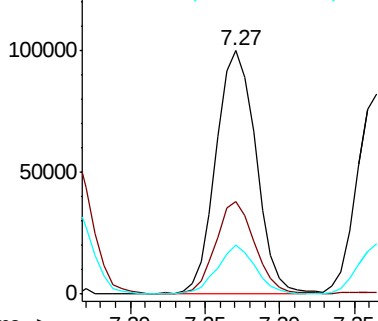
65 20.2 15.9 23.9



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: 157.719 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

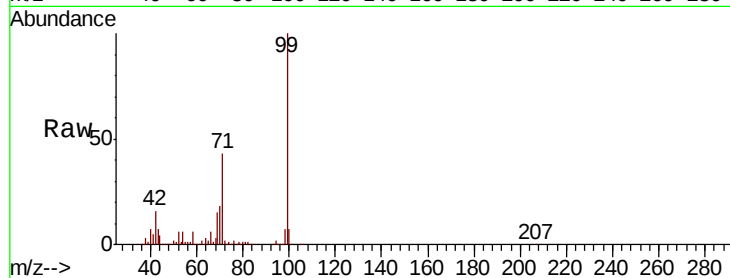
Tot Ion: 99 Resp: 556730

Ion Ratio Lower Upper

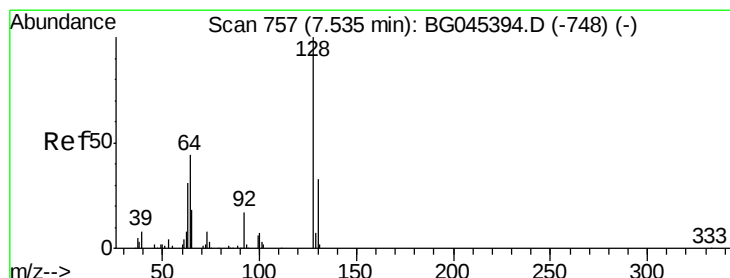
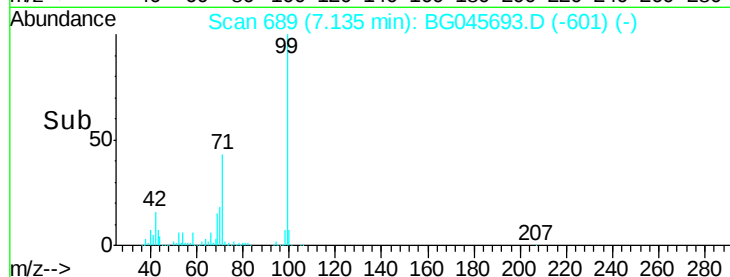
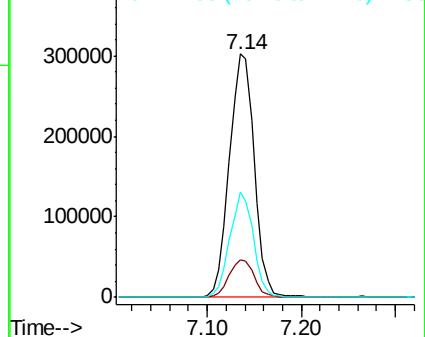
99 100

42 15.6 11.3 16.9

71 43.0 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: 54.641 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

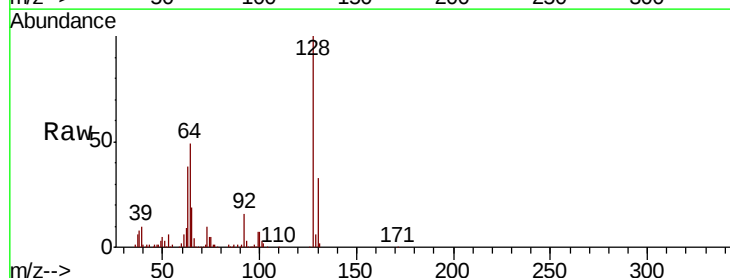
Tgt Ion:128 Resp: 148607

Ion Ratio Lower Upper

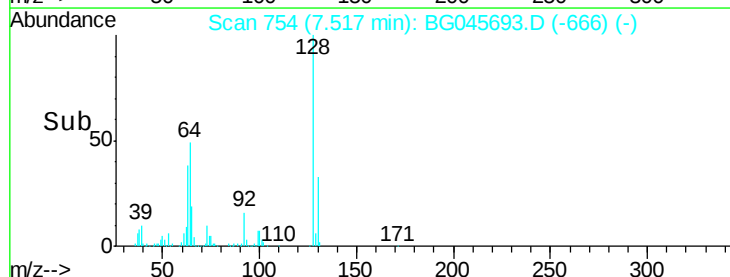
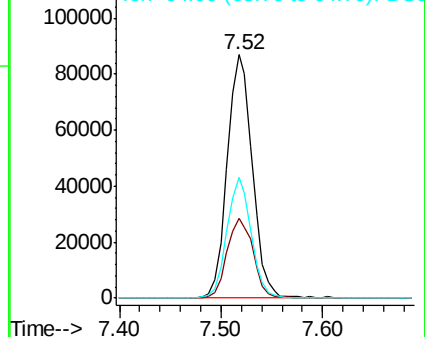
128 100

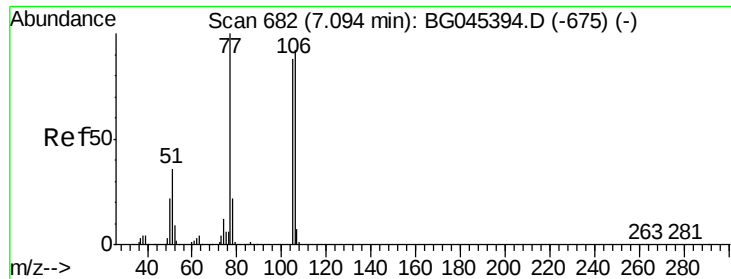
130 32.8 12.6 52.6

64 49.4 27.0 67.0



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





#9

Benzaldehyde

Concen: 48.481 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampled :

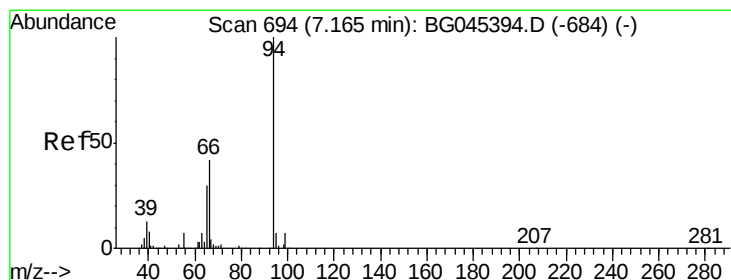
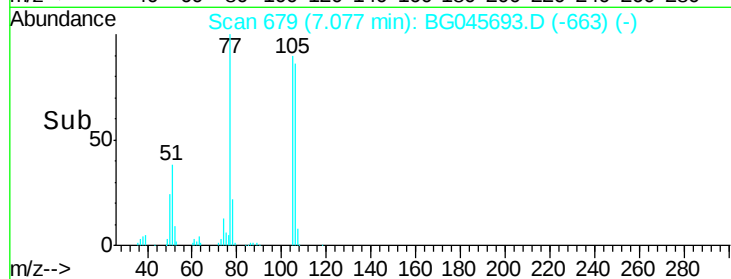
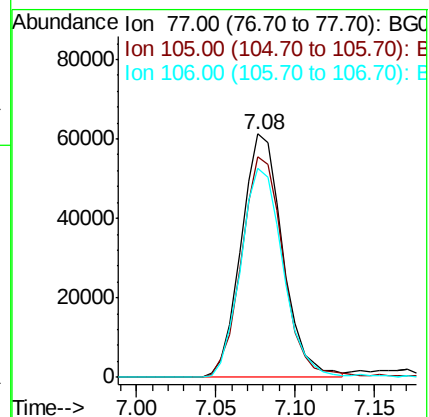
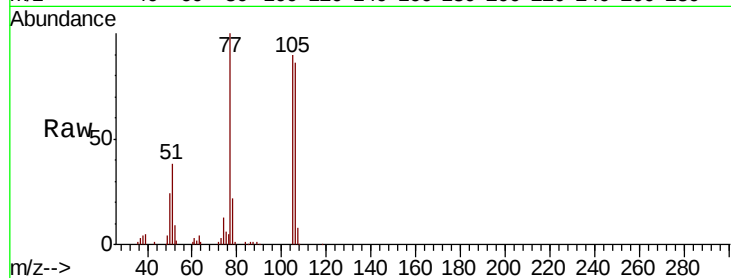
Tot Ion: 77 Resp: 111497

Ion Ratio Lower Upper

77 100

105 90.5 68.5 108.5

106 85.9 71.6 111.6



#10

Phenol

Concen: 56.189 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

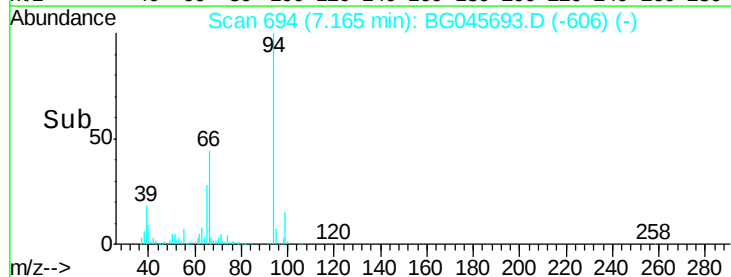
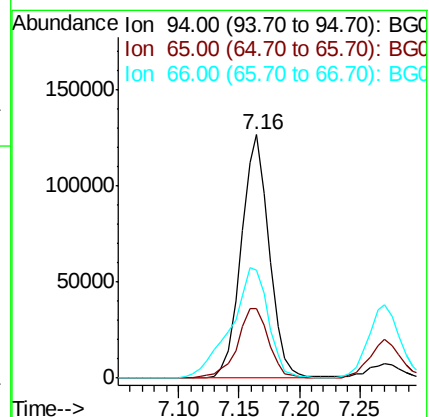
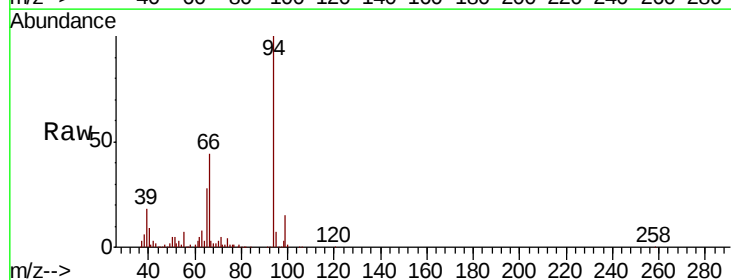
Tgt Ion: 94 Resp: 204418

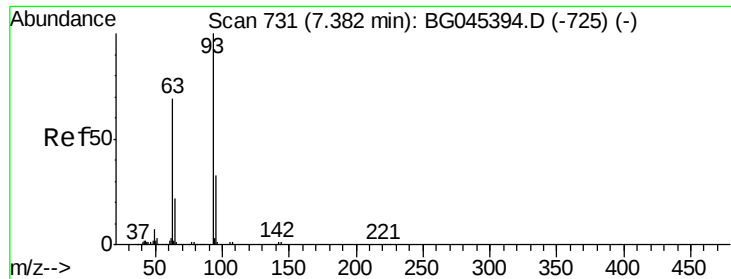
Ion Ratio Lower Upper

94 100

65 28.5 9.8 49.8

66 44.4 22.0 62.0

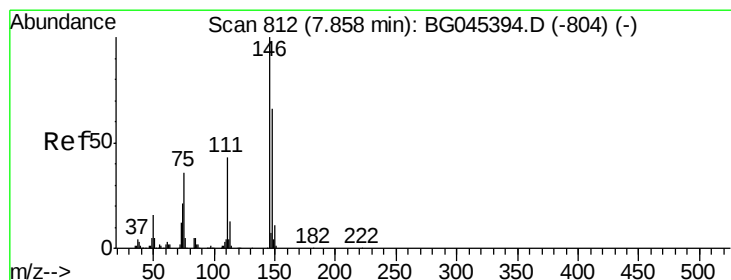
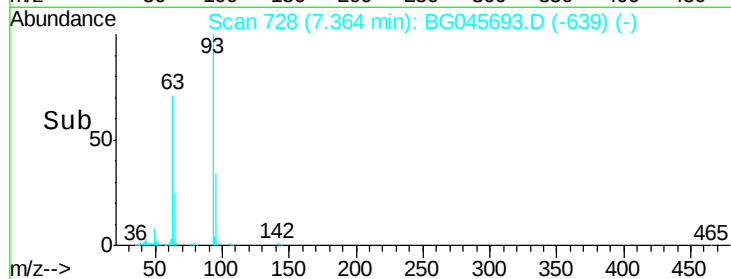
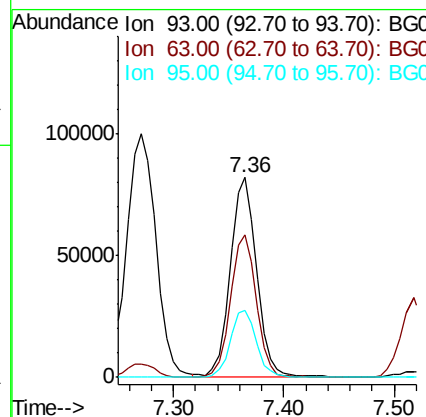
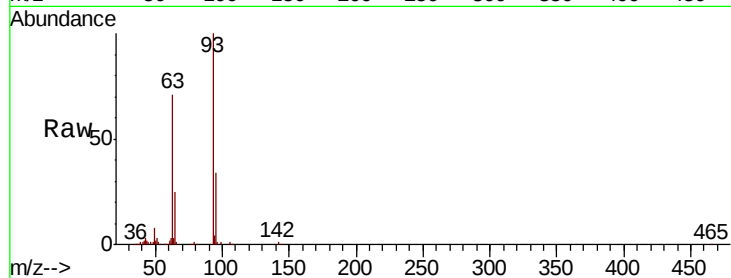




#11
 bis(2-Chloroethyl)ether
 Concen: 48.363 ng
 RT: 7.36 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

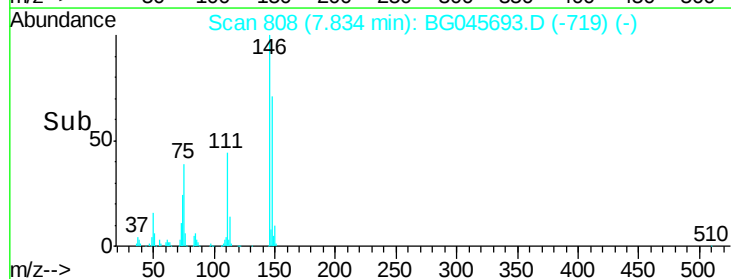
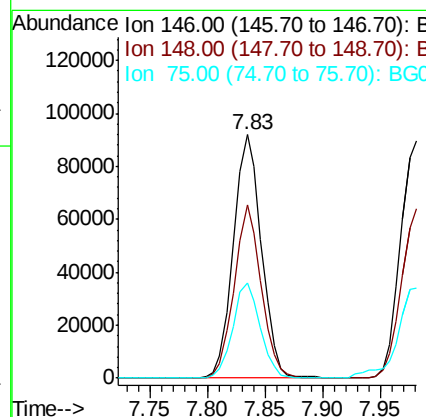
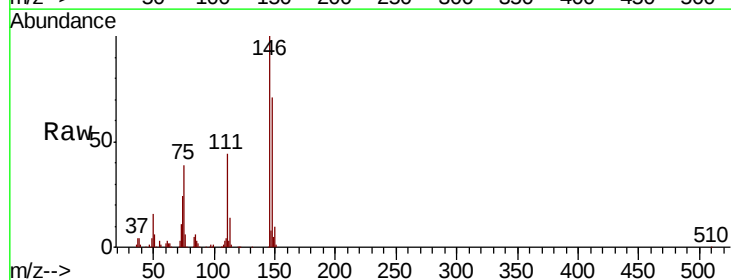
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	48.4	88.4
95	33.8	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 47.249 ng
 RT: 7.83 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	71.3	53.2	79.8
75	39.3	28.6	43.0

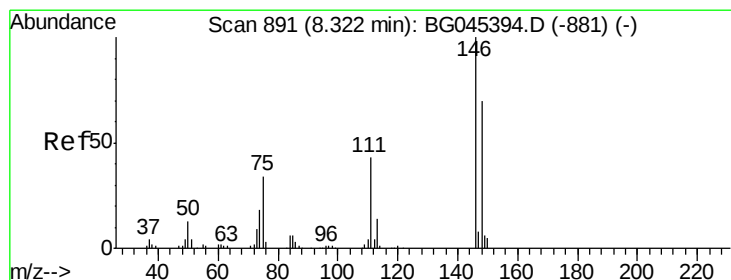
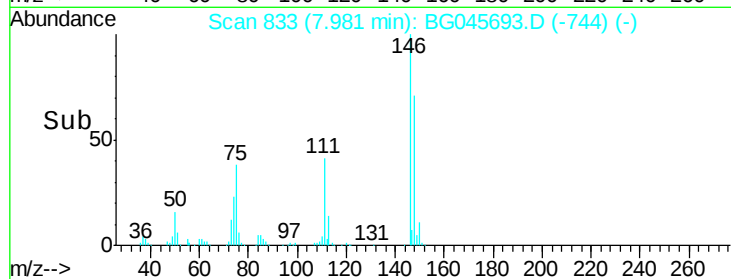
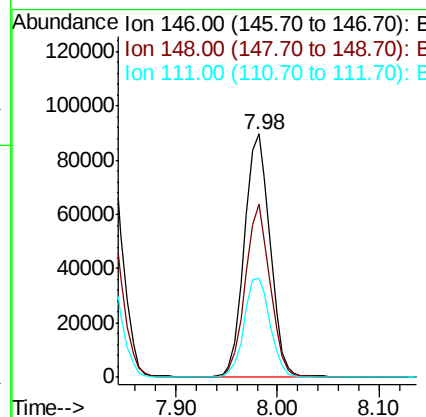
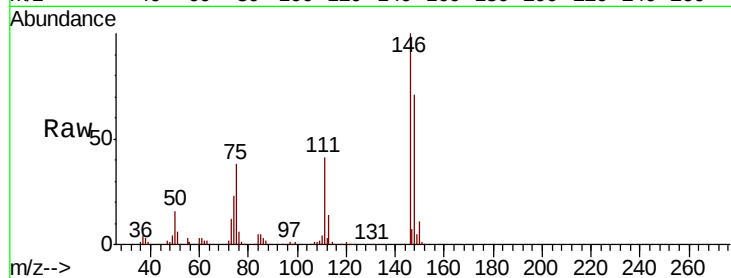




#13
 1,4-Dichlorobenzene
 Concen: 49.113 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

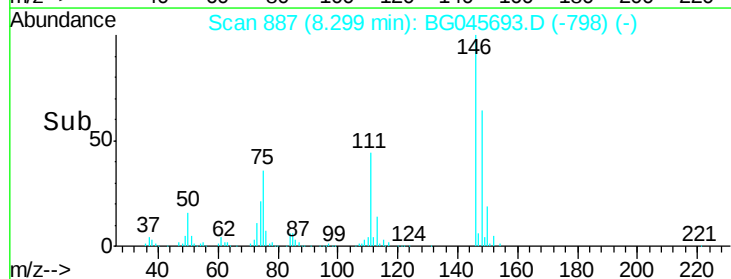
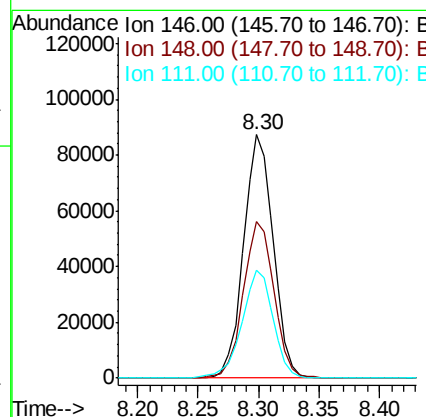
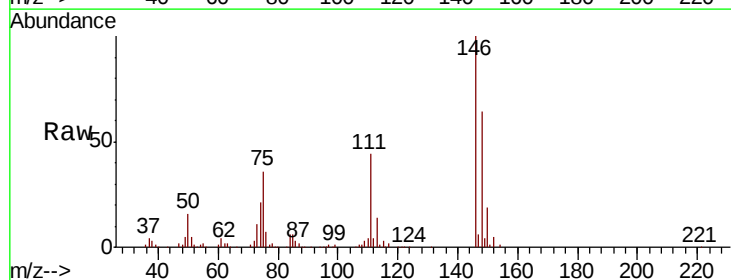
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 158407
 Ion Ratio Lower Upper
 146 100
 148 71.3 51.8 77.8
 111 40.7 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 48.205 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion:146 Resp: 149540
 Ion Ratio Lower Upper
 146 100
 148 64.3 55.9 83.9
 111 44.5 35.0 52.4





#15

Benzyl Alcohol

Concen: 53.758 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampled :

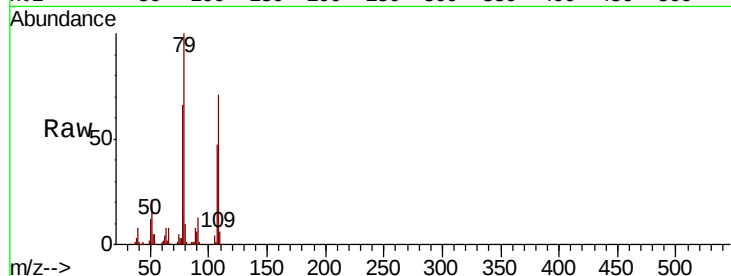
Tot Ion: 79 Resp: 156759

Ion Ratio Lower Upper

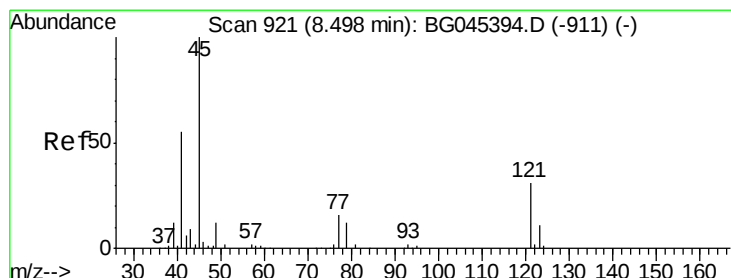
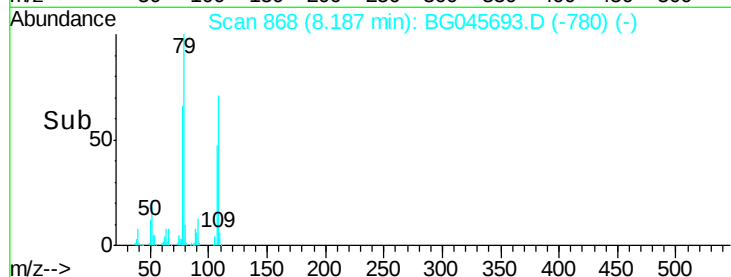
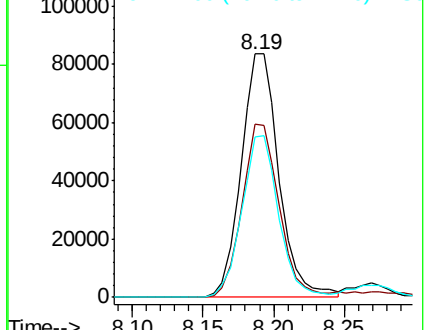
79 100

108 71.3 58.2 87.4

77 65.8 51.0 76.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.308 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

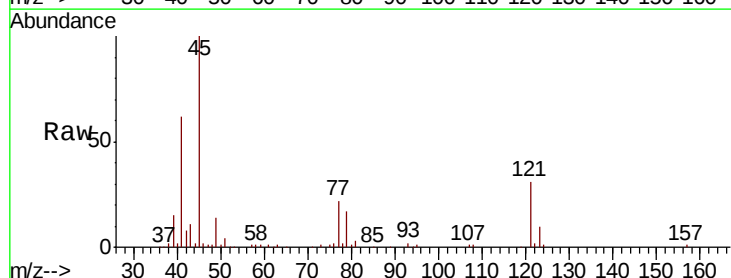
Tgt Ion: 45 Resp: 132816

Ion Ratio Lower Upper

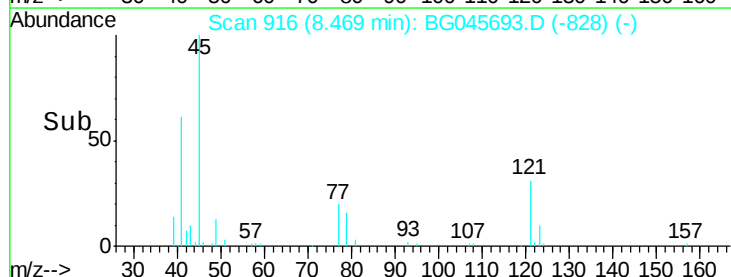
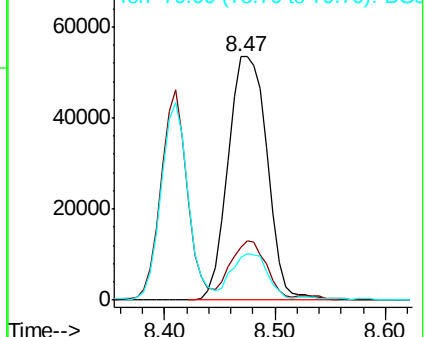
45 100

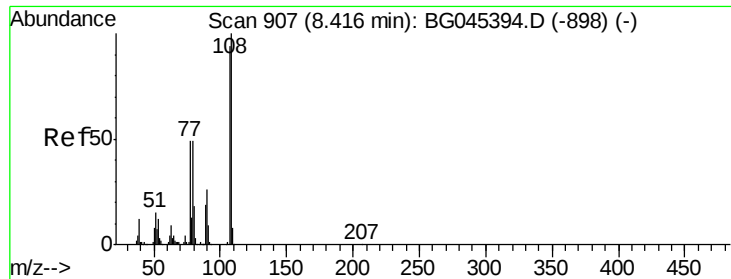
77 21.7 4.0 44.0

79 17.3 0.0 38.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 50.877 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 138539

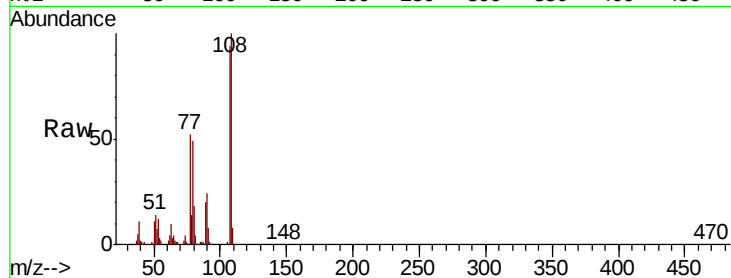
Ion Ratio Lower Upper

107 100

108 106.2 85.2 127.8

77 55.7 41.6 62.4

79 52.3 41.8 62.8

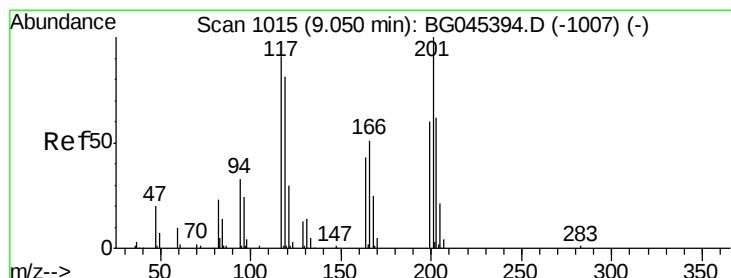
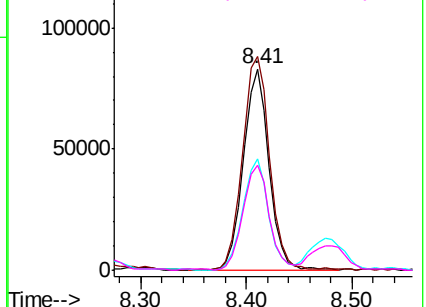
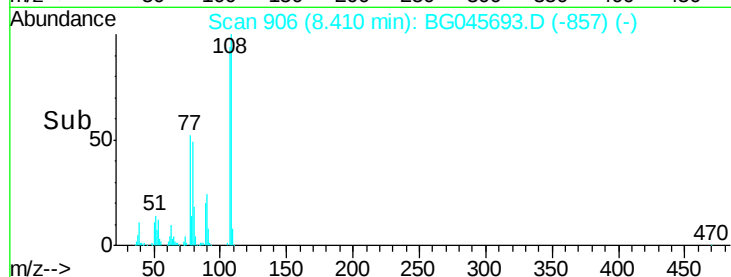


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 50.078 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

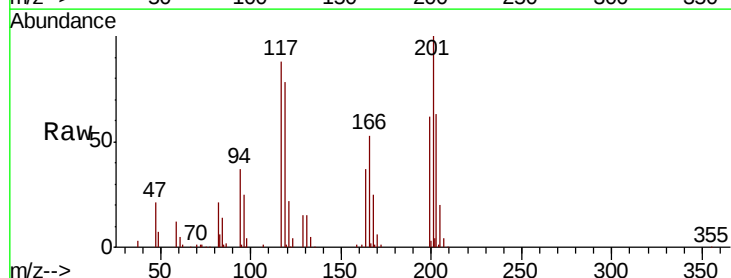
Tgt Ion:117 Resp: 61862

Ion Ratio Lower Upper

117 100

119 89.1 71.3 106.9

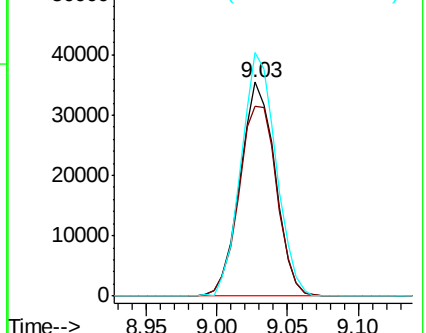
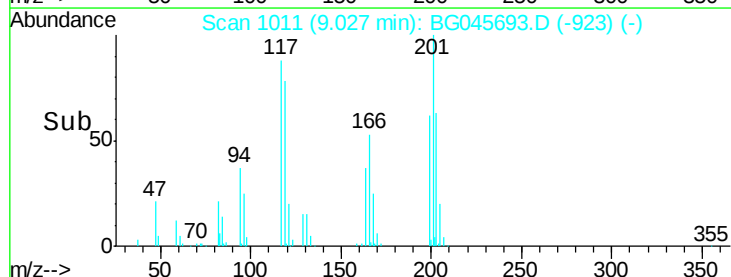
201 114.0 87.5 131.3

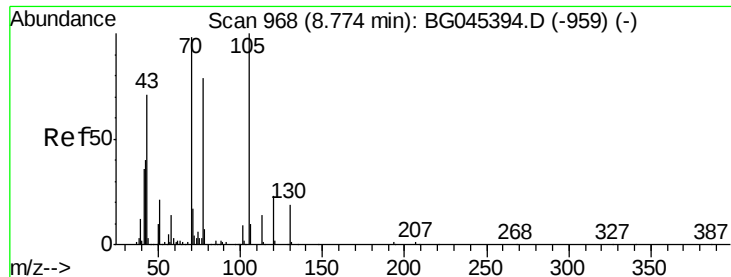


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

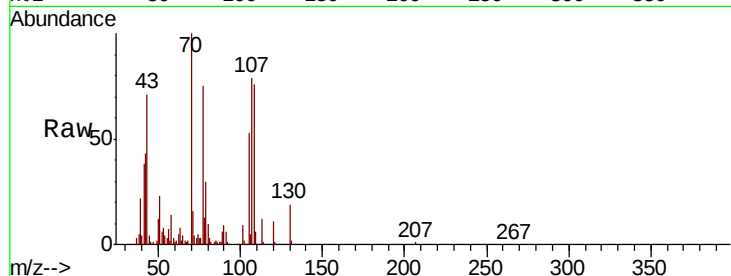




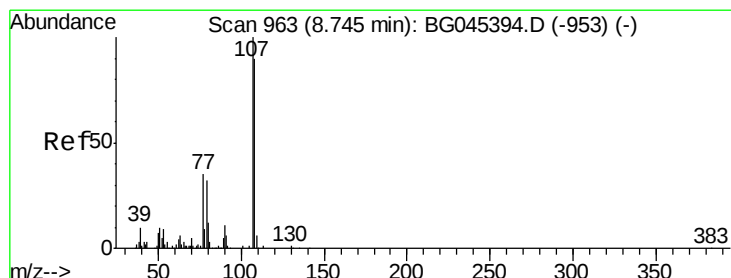
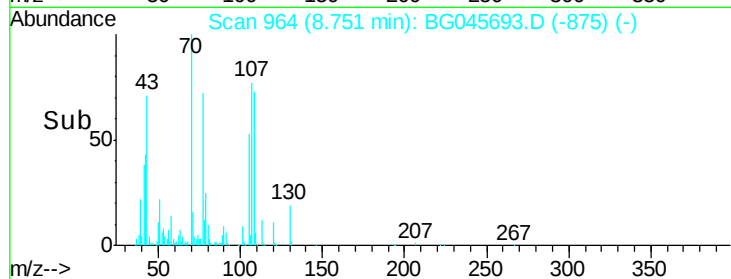
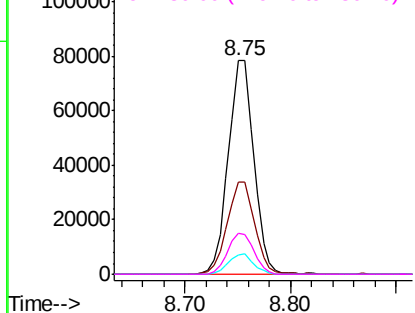
#19
n-Nitroso-di-n-propylamine
Concen: 53.726 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	131142
Ion	Ratio	Lower	Upper
70	100		
42	43.3	33.2	49.8
101	9.0	7.8	11.6
130	19.5	15.4	23.2

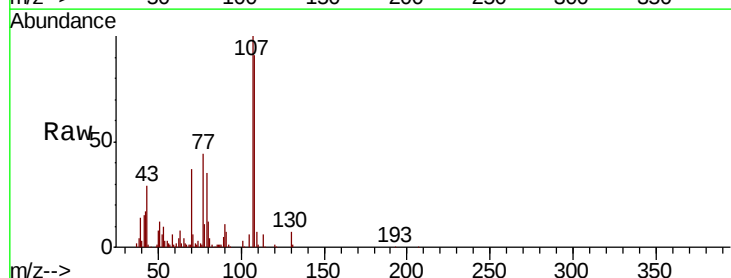


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

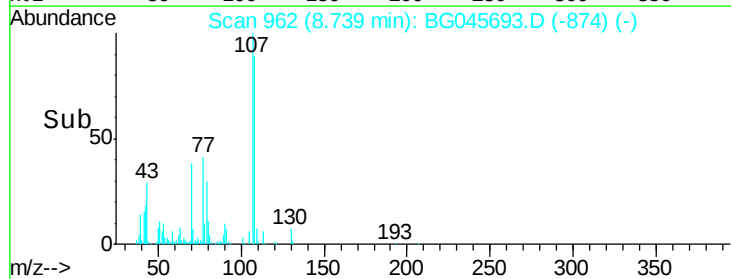
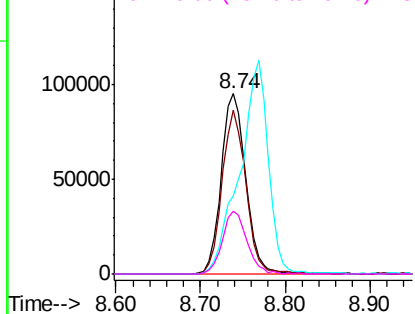


#20
3+4-Methylphenols
Concen: 51.874 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion:	107	Resp:	192352
Ion	Ratio	Lower	Upper
107	100		
108	91.1	70.3	110.3
77	43.5	15.4	55.4
79	35.0	12.6	52.6



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

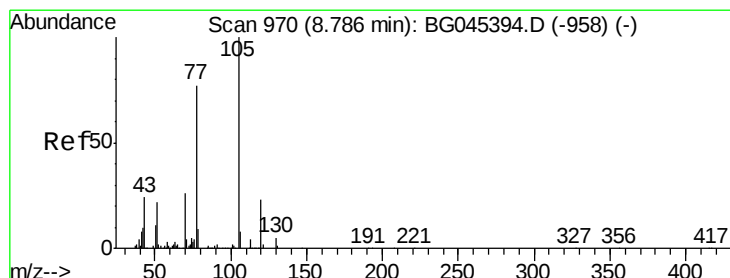
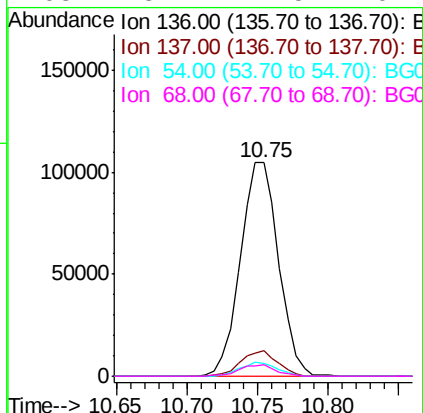
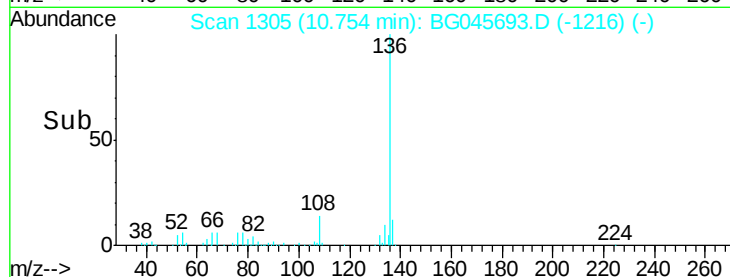
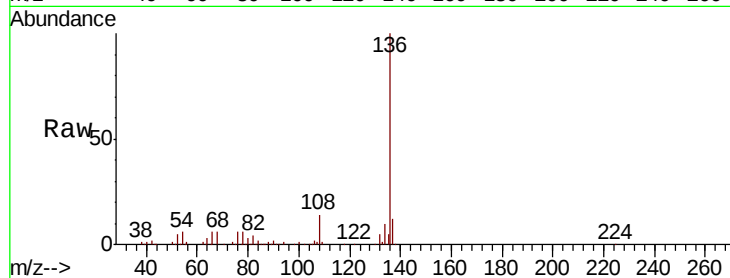




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

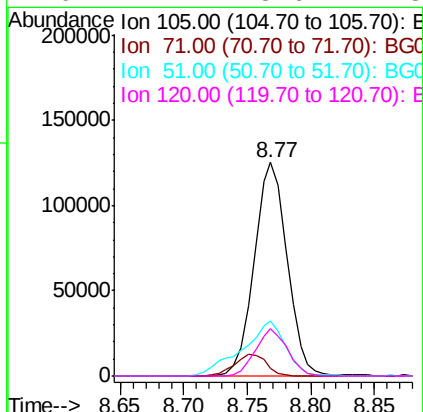
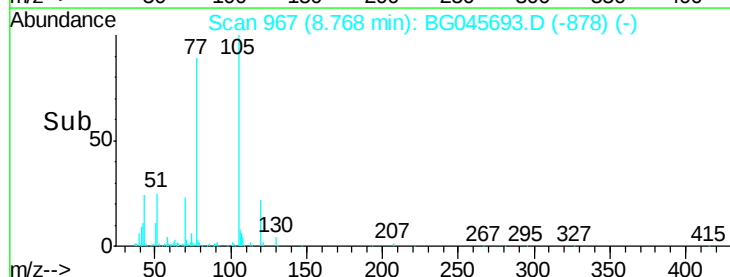
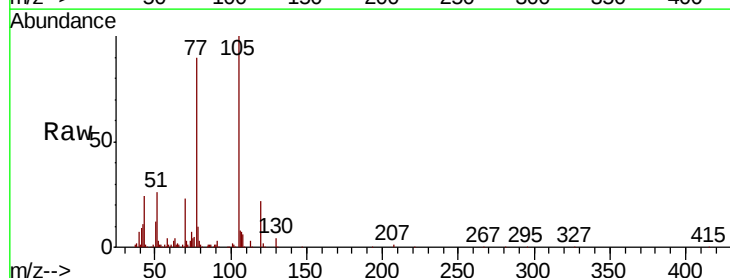
Instrument :
BNA_G
ClientSampleId :

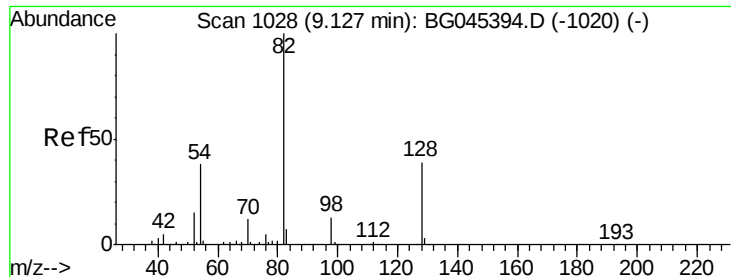
Tot Ion:136	Resp:	197995
Ion Ratio	Lower	Upper
136 100		
137 12.0	9.4	14.2
54 5.7	5.8	8.6#
68 5.7	4.5	6.7



#22
Acetophenone
Concen: 48.355 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt	Ion:105	Resp:	226917
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.4	5.0
51	25.5	18.2	27.2
120	22.4	18.6	27.8

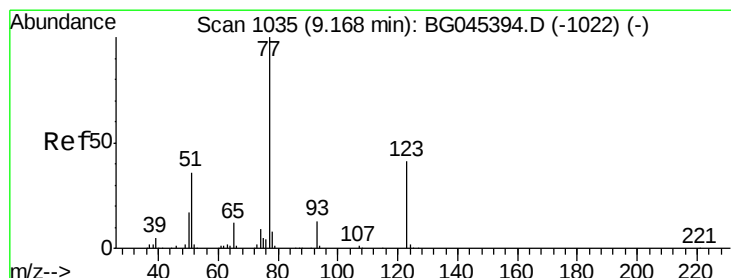
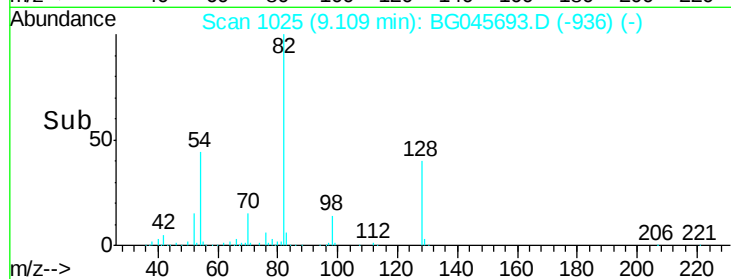
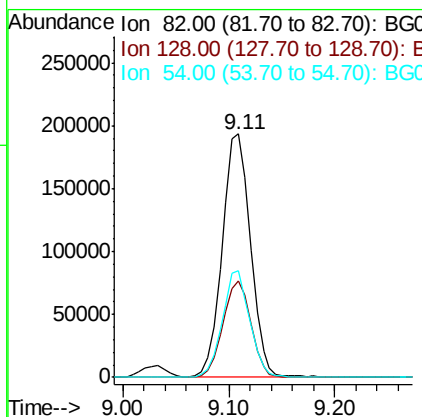
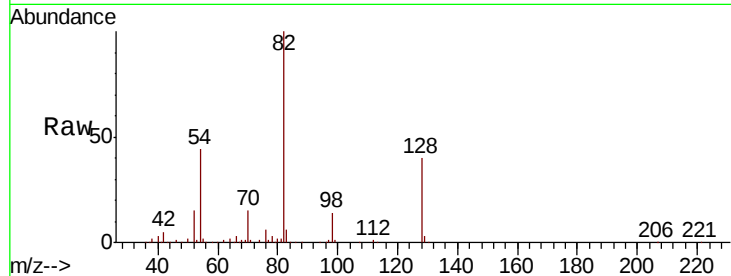




#23
 Nitrobenzene-d5
 Concen: 98.504 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

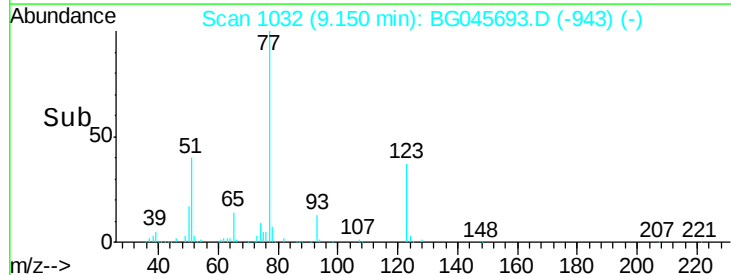
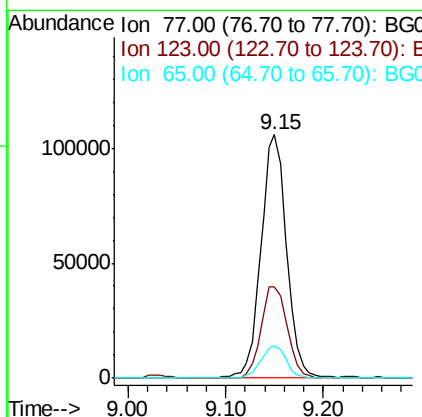
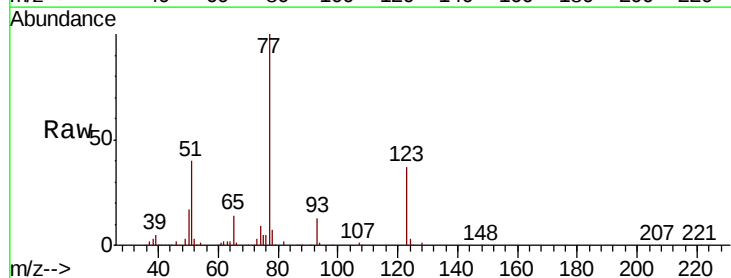
Instrument :
 BNA_G
 ClientSampled :

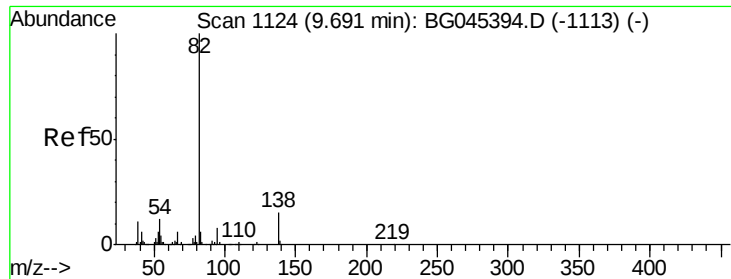
Tot Ion	82	Resp	357650
Ion Ratio	Lower	Upper	
82	100		
128	39.6	30.9	46.3
54	43.8	30.3	45.5



#24
 Nitrobenzene
 Concen: 50.194 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion	77	Resp	195259
Ion Ratio	Lower	Upper	
77	100		
123	37.2	32.9	49.3
65	13.6	9.4	14.2





#25

Isophorone

Concen: 51.017 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampled :

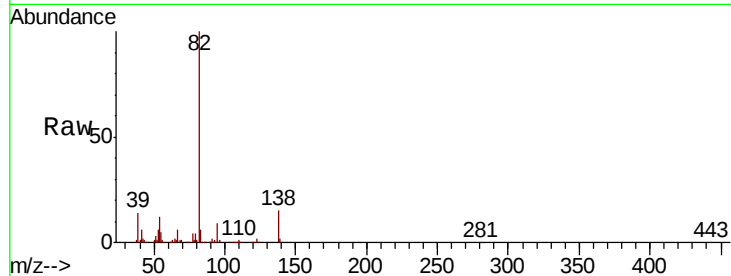
Tot Ion: 82 Resp: 364793

Ion Ratio Lower Upper

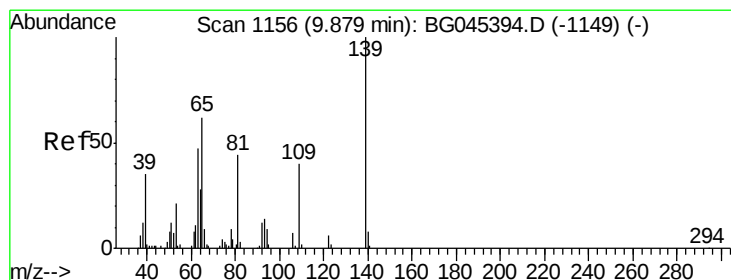
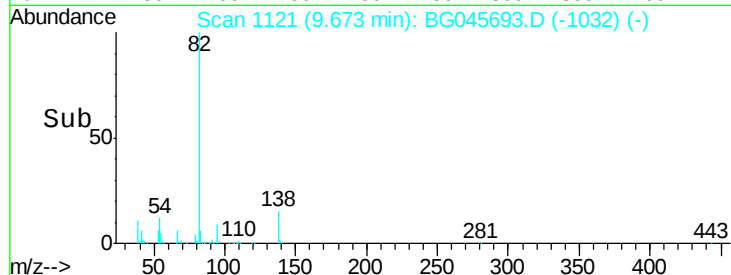
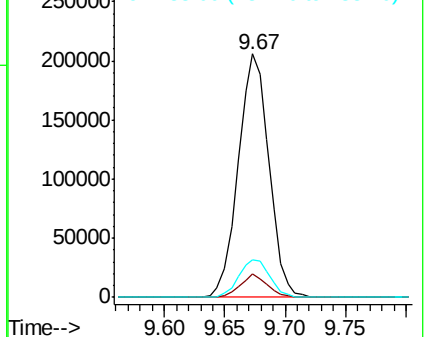
82 100

95 9.4 6.7 10.1

138 15.4 12.2 18.4



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



#26

2-Nitrophenol

Concen: 52.853 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

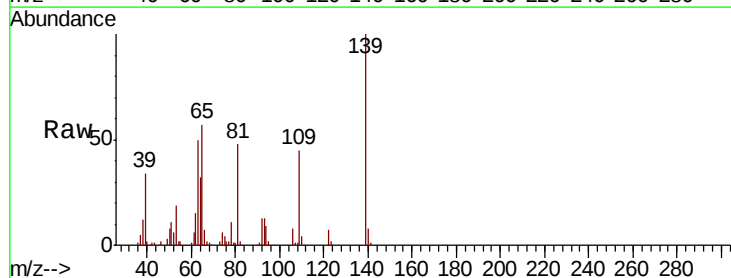
Tgt Ion: 139 Resp: 87953

Ion Ratio Lower Upper

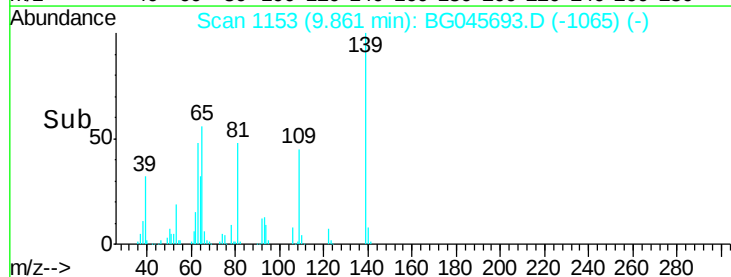
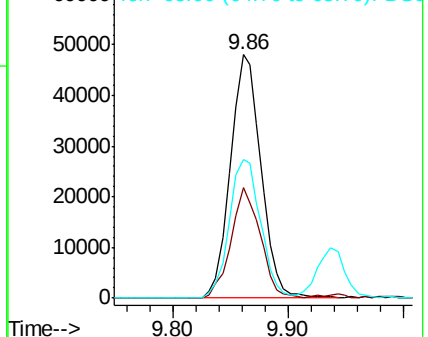
139 100

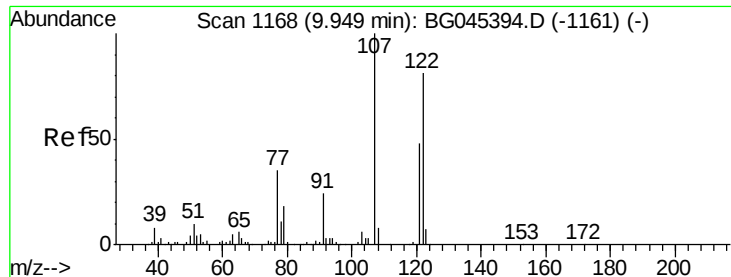
109 45.2 32.2 48.4

65 57.1 49.6 74.4



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

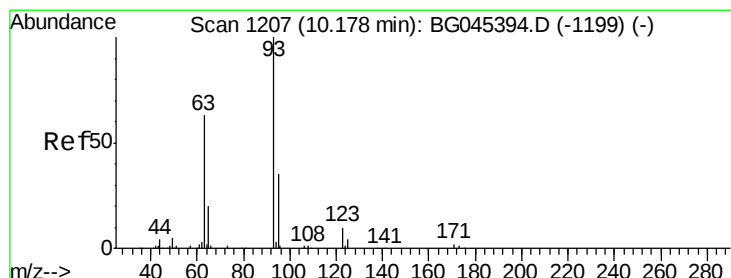
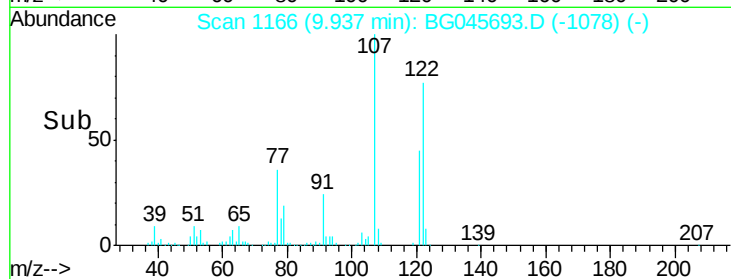
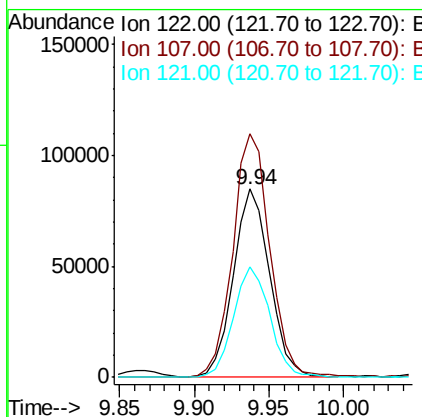
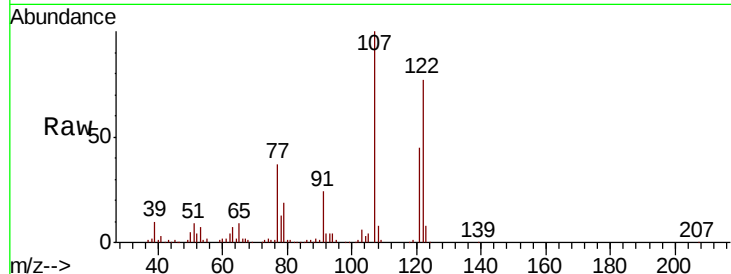




#27
 2,4-Dimethylphenol
 Concen: 57.904 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

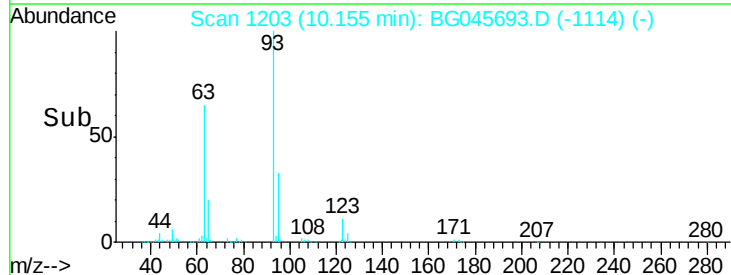
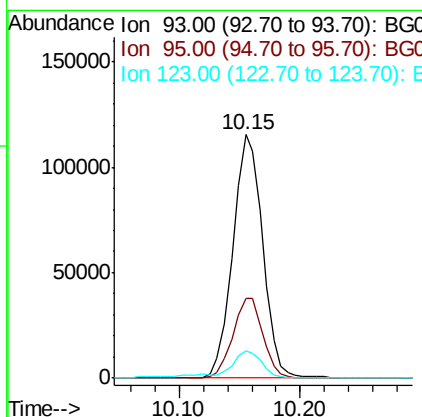
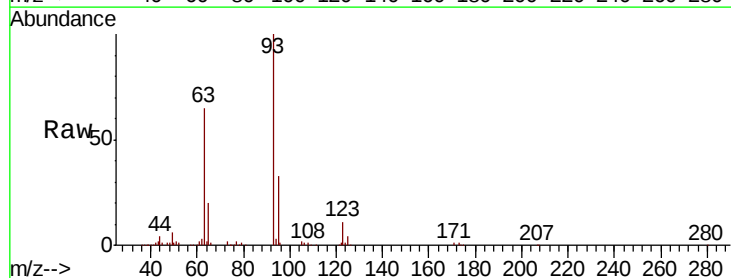
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.4	99.0	148.4
121	58.9	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.885 ng
 RT: 10.15 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.6	41.4
123	11.3	8.1	12.1

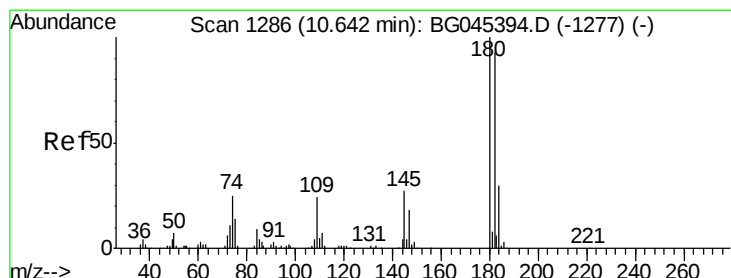
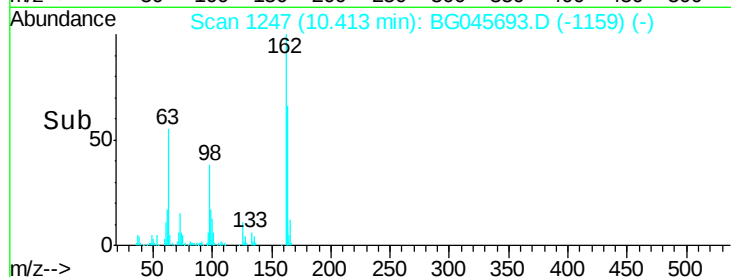
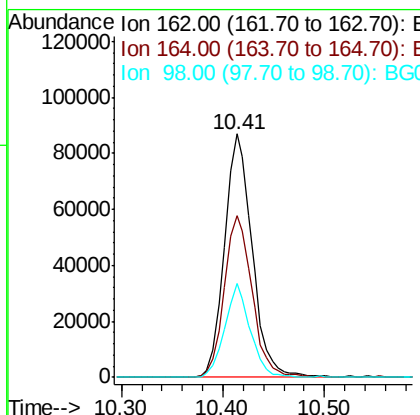
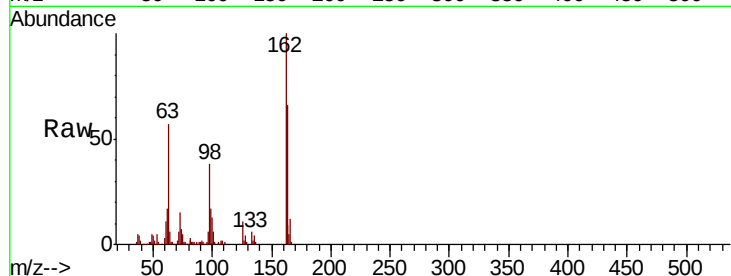




#29
2,4-Dichlorophenol
Concen: 56.391 ng
RT: 10.41 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

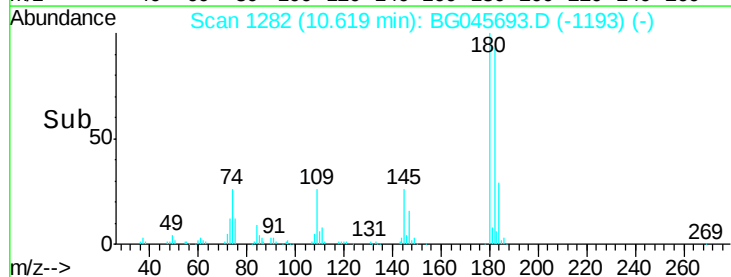
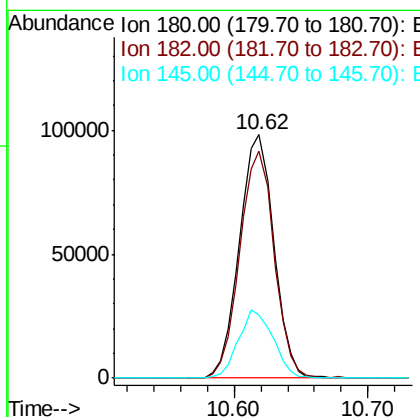
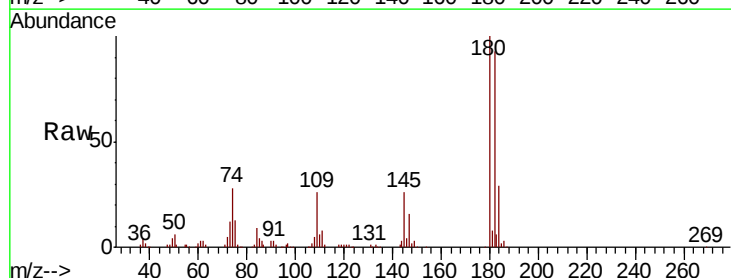
Instrument :
BNA_G
ClientSampleId :

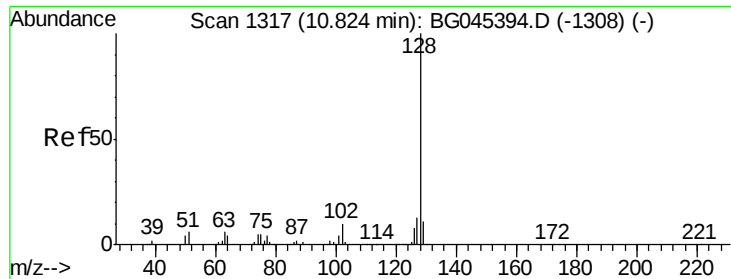
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.8	86.8
98	38.4	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 50.782 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	74.8	112.2
145	25.9	21.9	32.9

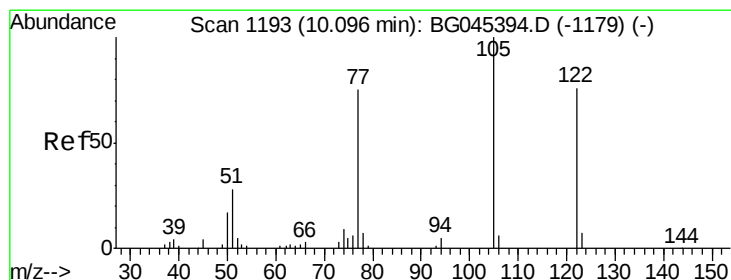
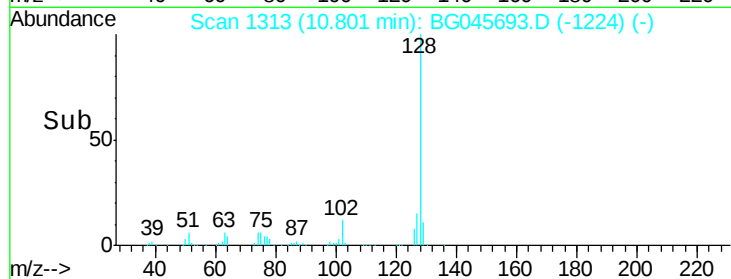
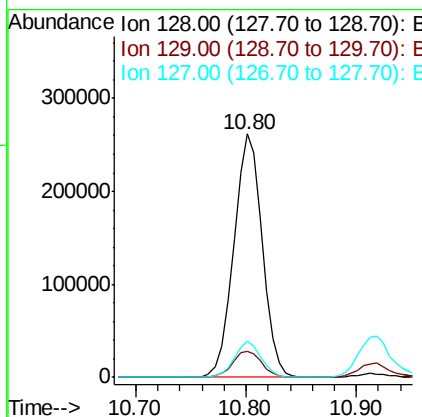
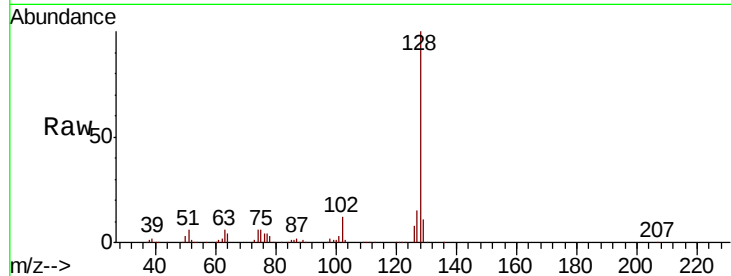




#31
Naphthalene
Concen: 51.206 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

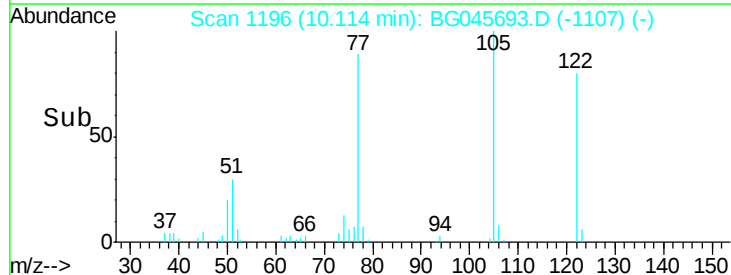
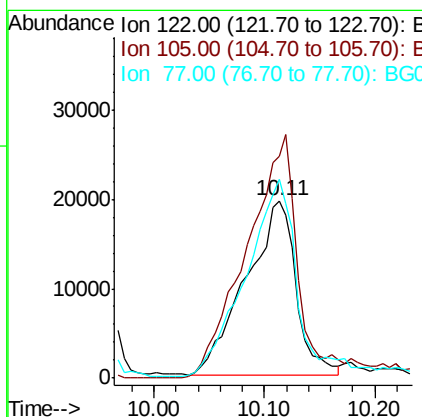
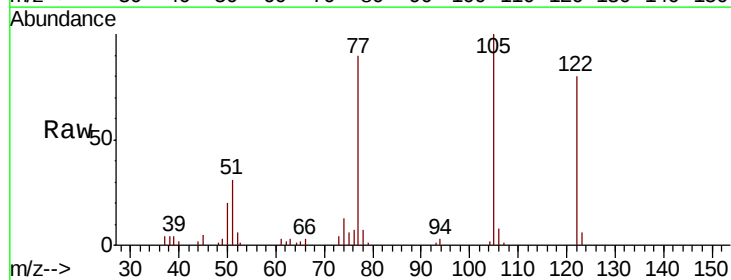
Instrument :
BNA_G
ClientSampleId :

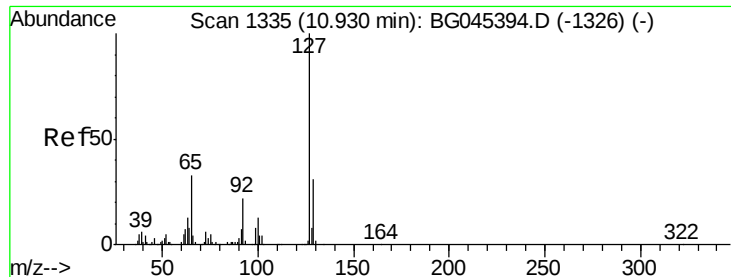
Tot Ion:128 Resp: 472449
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 14.8 10.7 16.1



#32
Benzoic acid
Concen: 39.561 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion:122 Resp: 62670
Ion Ratio Lower Upper
122 100
105 124.7 107.9 147.9
77 111.9 78.9 118.9

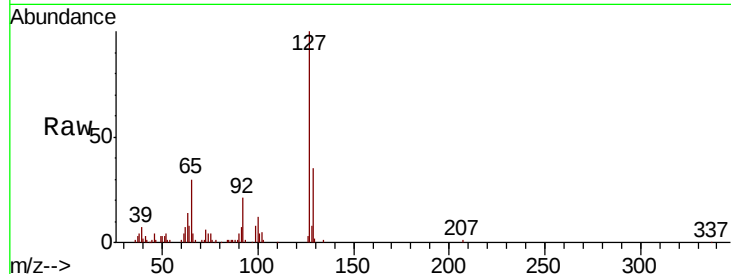




#33
4-Chloroaniline
Concen: 24.746 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
127	127	100		
129	129	34.7	24.7	37.1
65	65	29.5	26.2	39.2
92	92	21.3	17.9	26.9



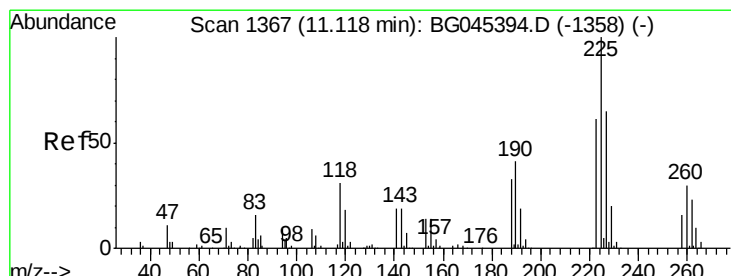
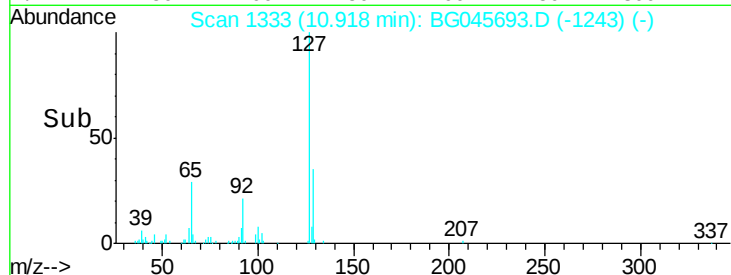
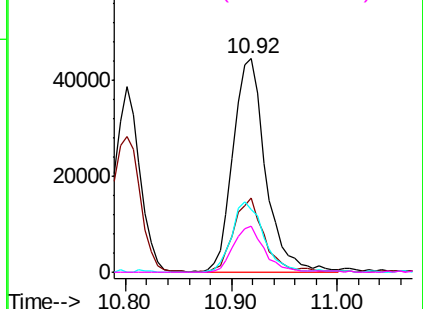
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

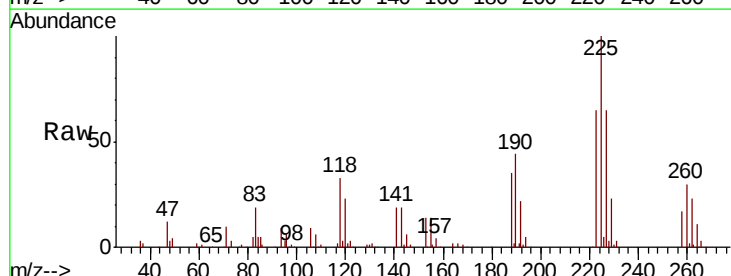
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 49.081 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ion	Ratio	Lower	Upper
225	225	100		
223	223	65.1	49.1	73.7
227	227	64.9	52.0	78.0

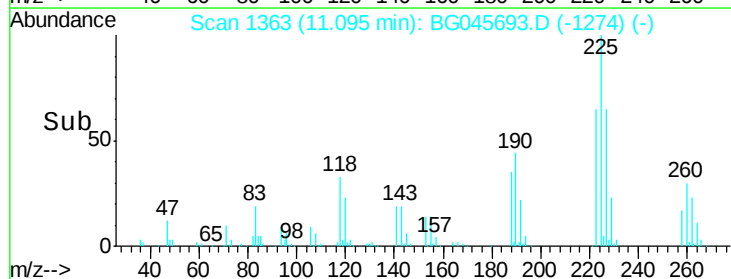
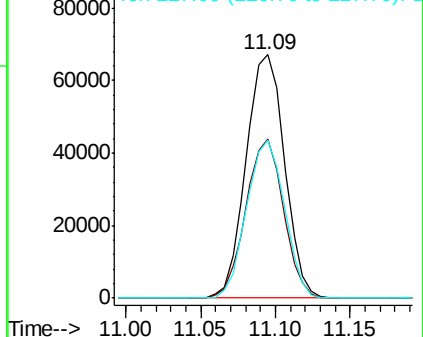


Abundance

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: 29.196 ng

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampled :

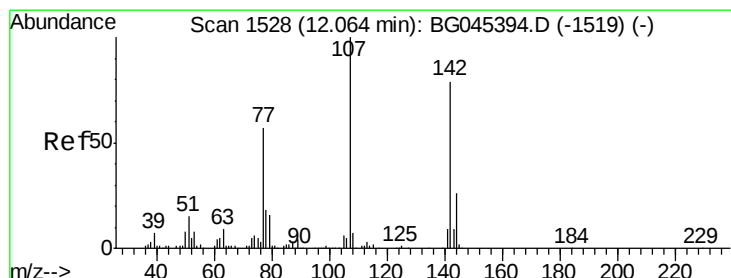
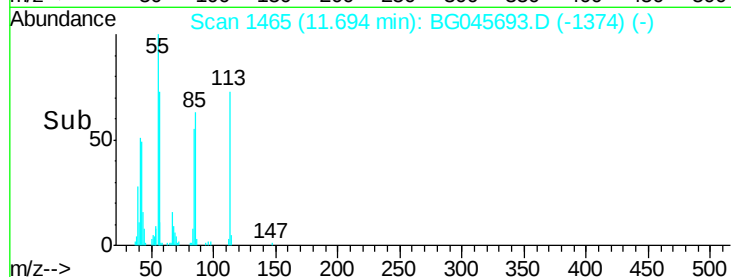
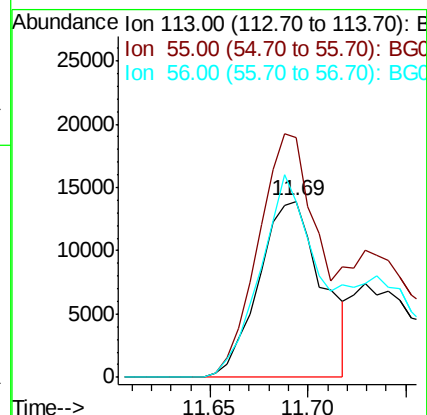
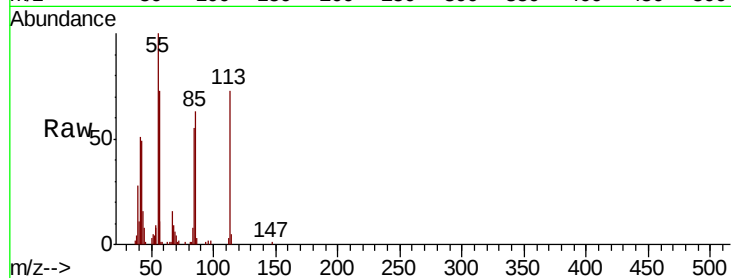
Tot Ion:113 Resp: 31234

Ion Ratio Lower Upper

113 100

55 136.2 96.0 136.0#

56 99.5 75.1 115.1



#36

4-Chloro-3-methylphenol

Concen: 57.558 ng

RT: 12.06 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

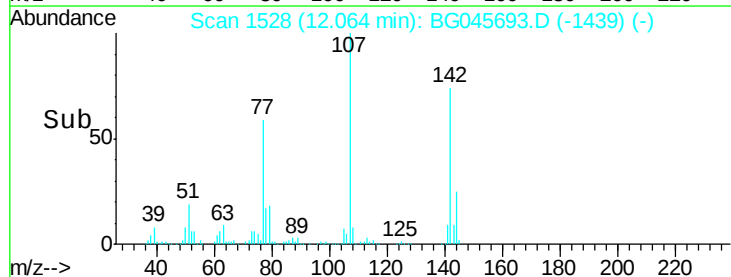
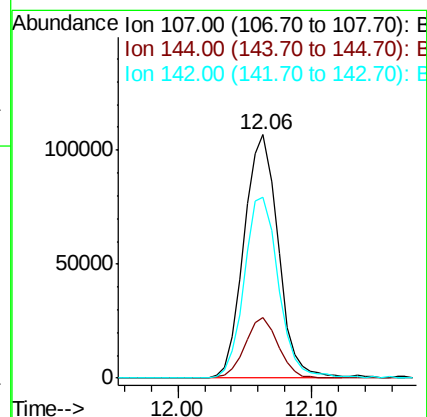
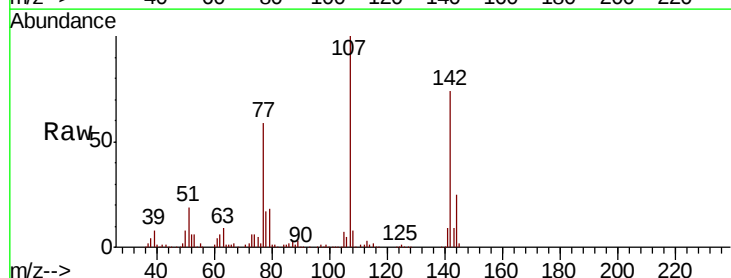
Tgt Ion:107 Resp: 189033

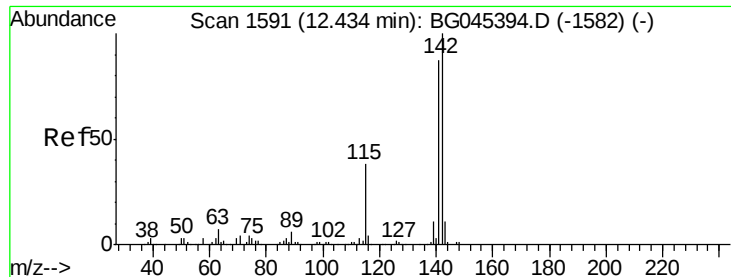
Ion Ratio Lower Upper

107 100

144 24.8 20.8 31.2

142 74.5 62.8 94.2

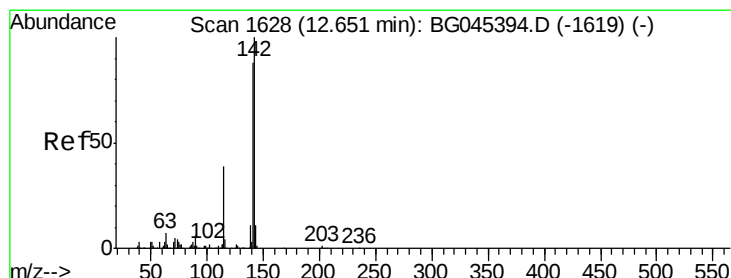
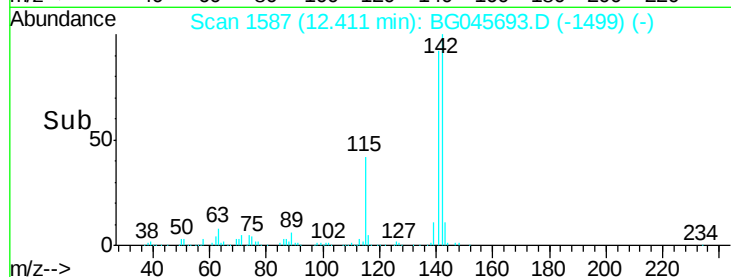
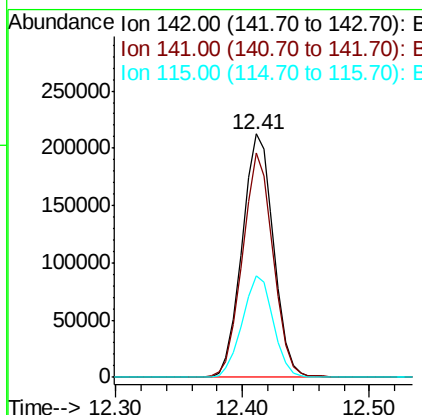
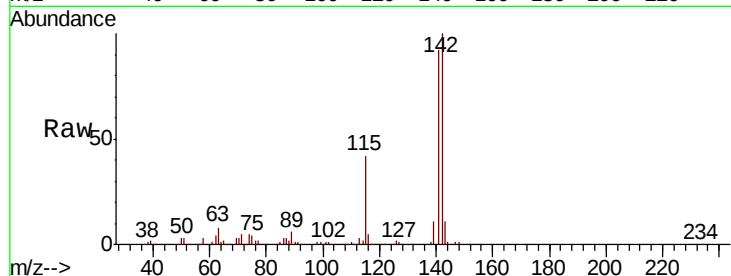




#37
2-Methylnaphthalene
Concen: 53.213 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

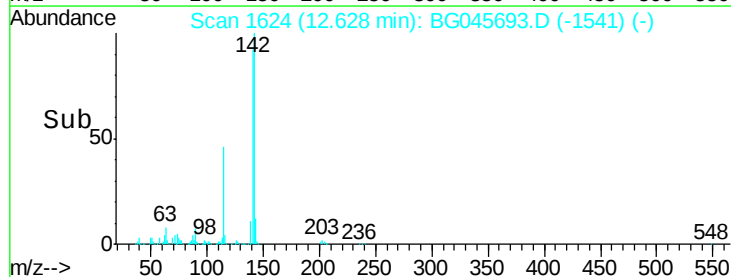
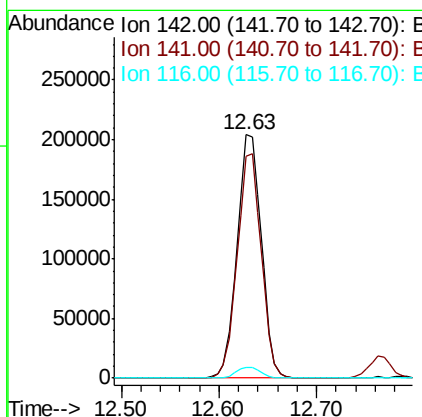
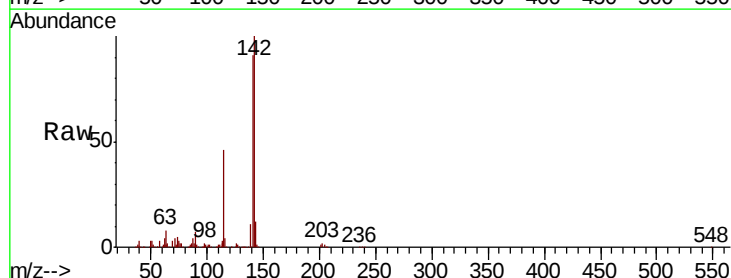
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.0	105.0
115	41.5	30.8	46.2



#38
1-Methylnaphthalene
Concen: 54.534 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.8	106.2
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

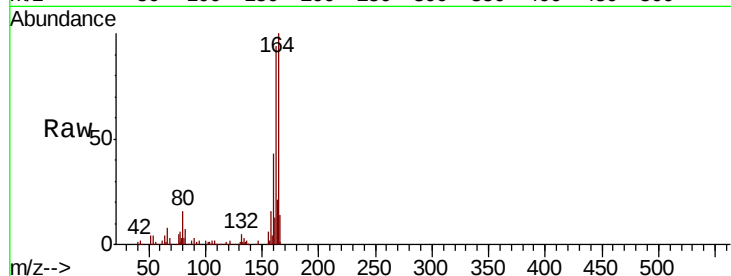
Tot Ion:164 Resp: 145582

Ion Ratio Lower Upper

164 100

162 93.8 76.9 115.3

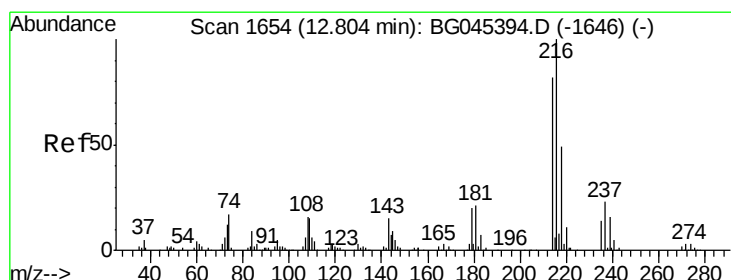
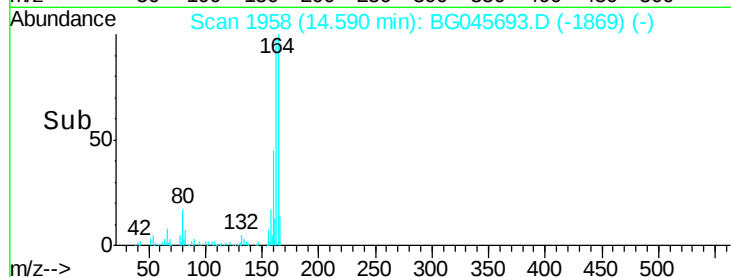
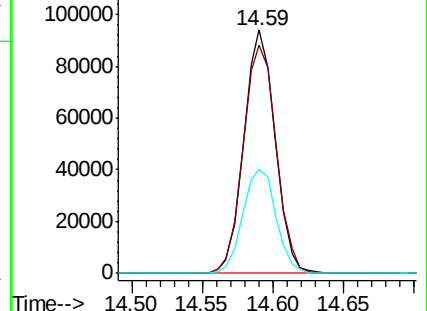
160 42.9 33.8 50.8



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: 50.841 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:216 Resp: 206734

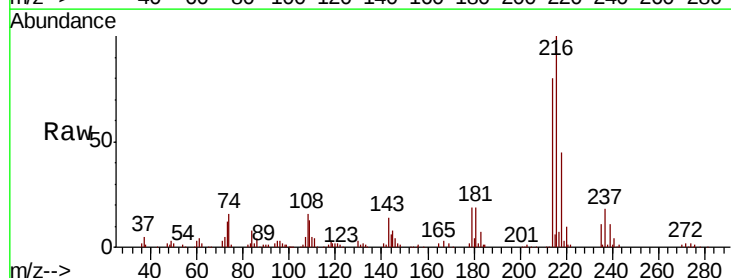
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 19.4 16.1 24.1

108 19.3 13.8 20.6

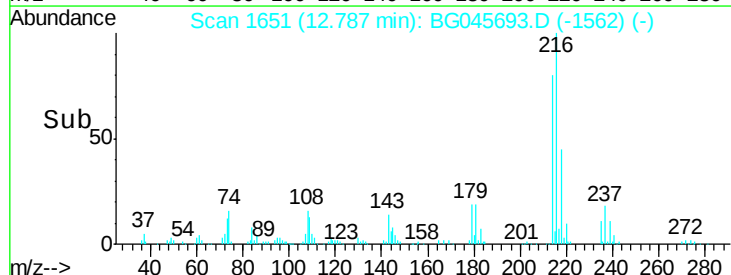
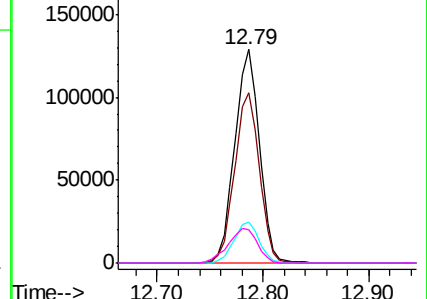


Abundance Ion 216.00 (215.70 to 216.70): E

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

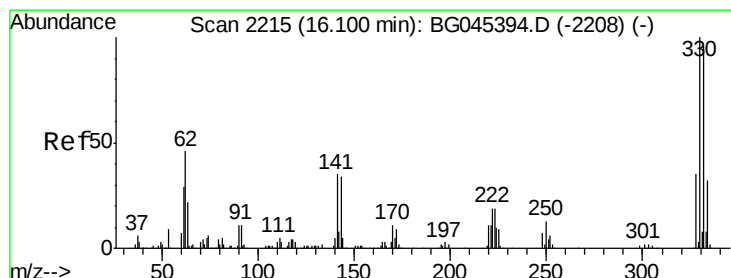
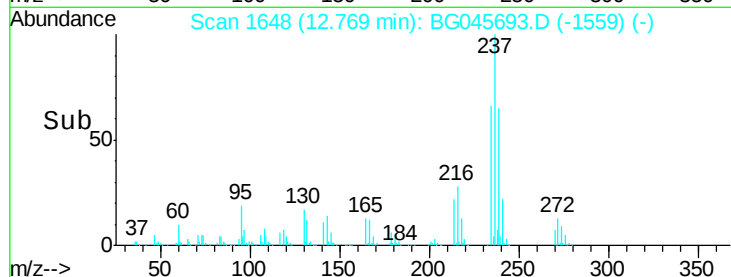
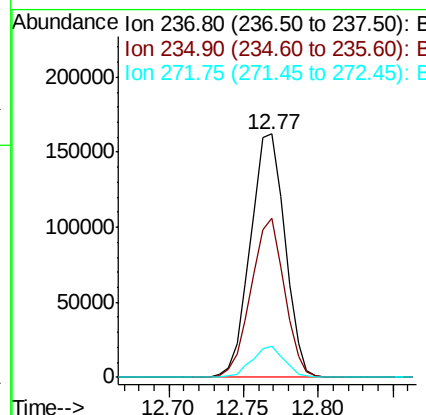
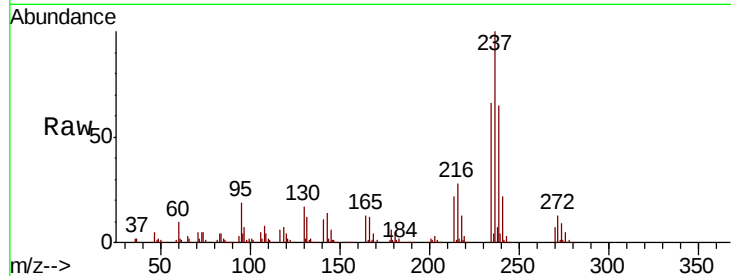




#41
Hexachlorocyclopentadiene
Concen: 110.297 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

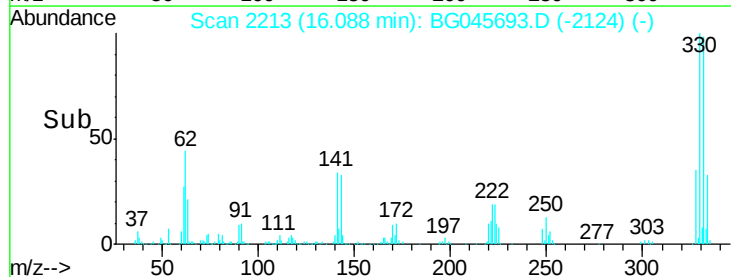
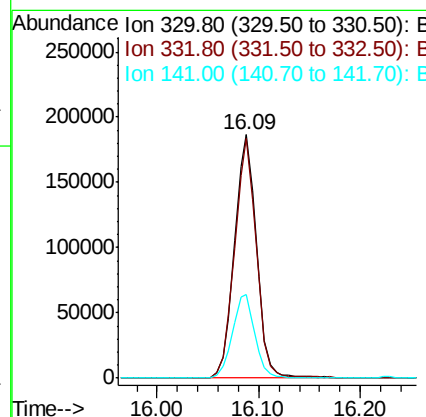
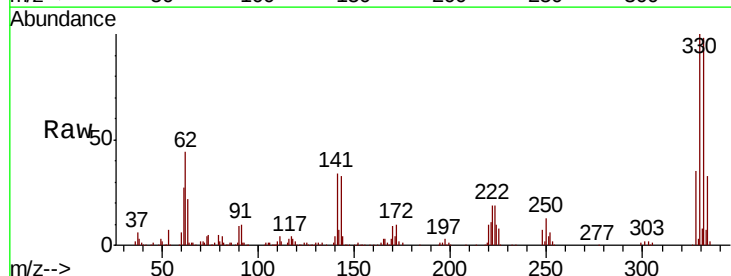
Instrument :
BNA_G
ClientSampleId :

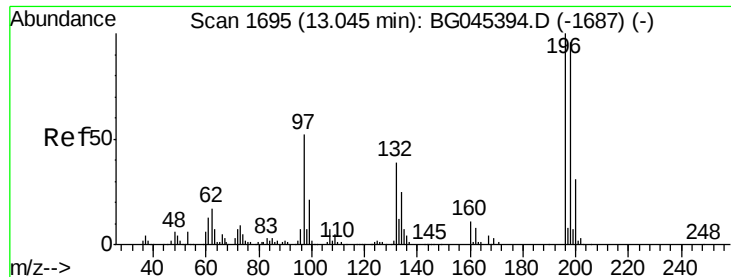
Tot Ion	Ratio	Lower	Upper
237	100		
235	65.6	44.4	84.4
272	12.8	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 151.001 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.4
141	35.1	28.2	42.4





#43

2,4,6-Trichlorophenol

Concen: 51.321 ng

RT: 13.03 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampled :

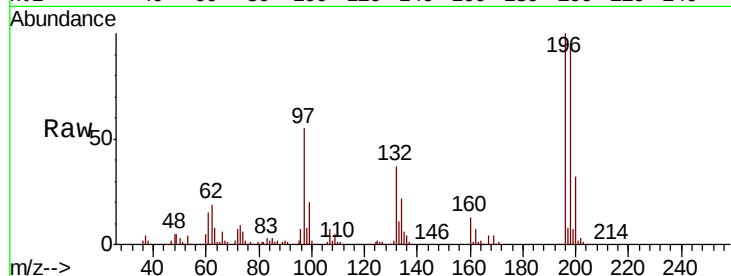
Tot Ion:196 Resp: 144968

Ion Ratio Lower Upper

196 100

198 95.1 76.7 115.1

200 32.4 24.9 37.3

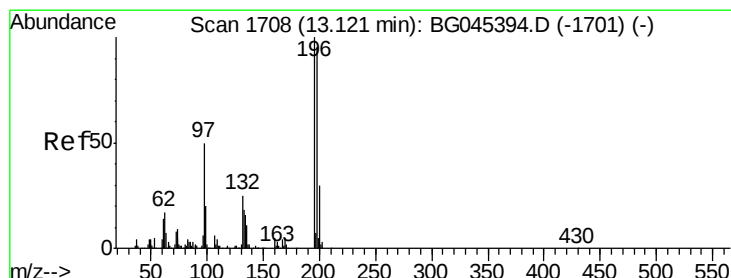
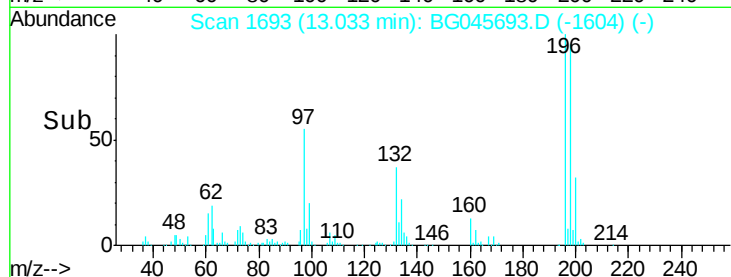
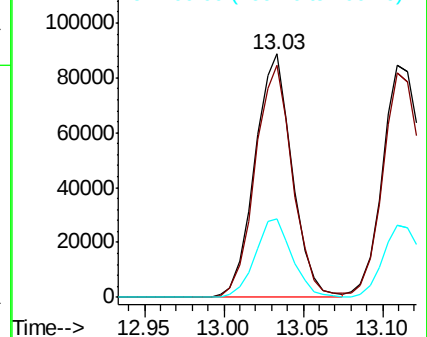


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 47.936 ng

RT: 13.11 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Tgt Ion:196 Resp: 154733

Ion Ratio Lower Upper

196 100

198 96.7 76.1 114.1

97 52.4 40.0 60.0

132 25.1 20.2 30.2

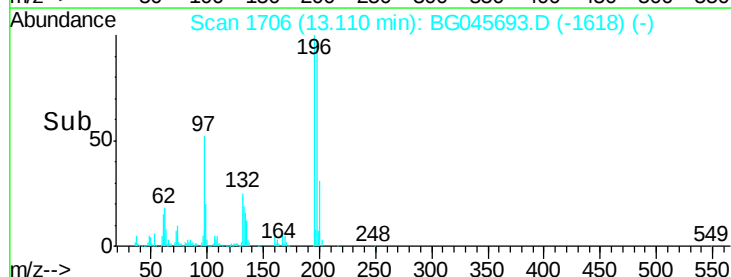
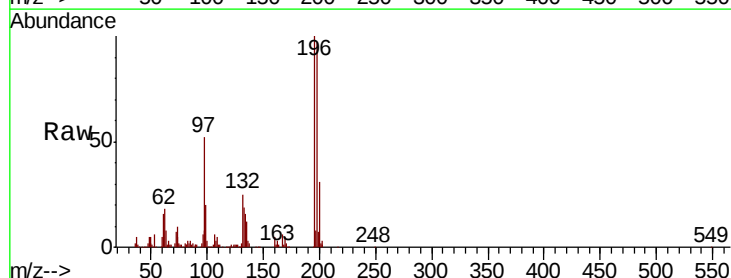
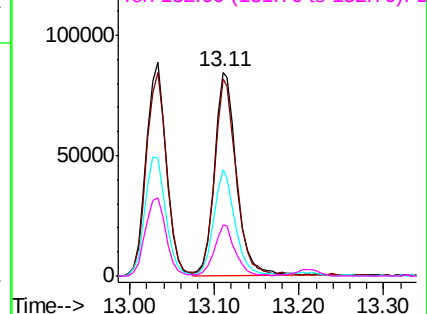
Abundance

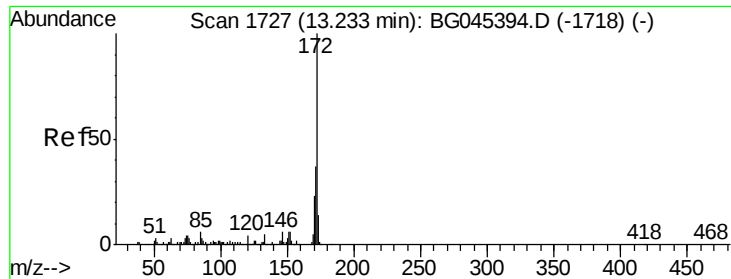
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

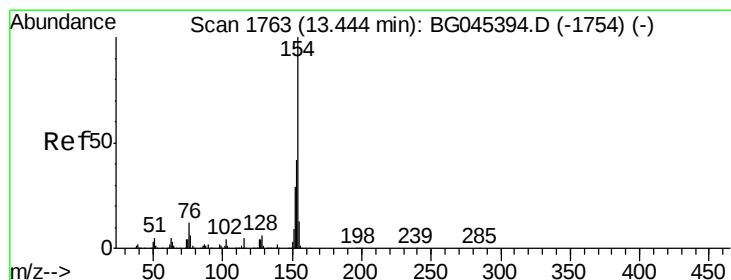
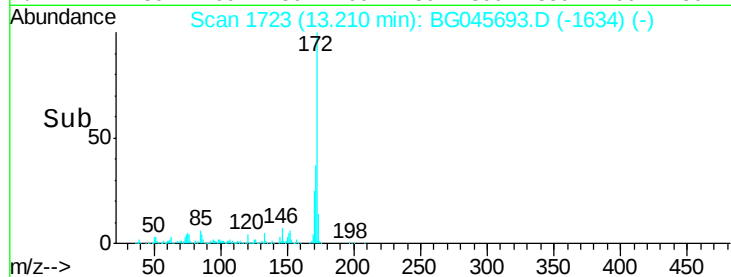
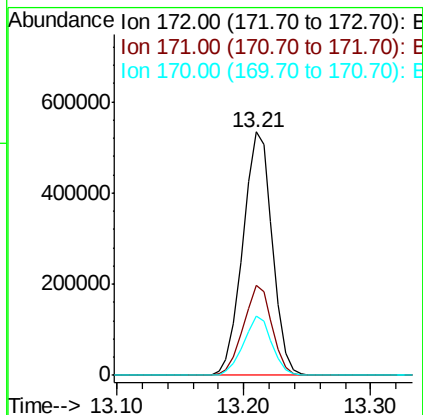
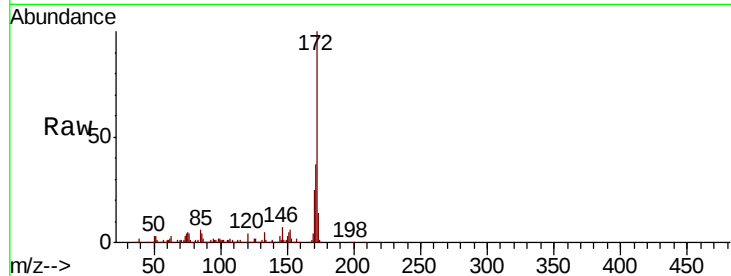




#45
2-Fluorobiphenyl
Concen: 99.992 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

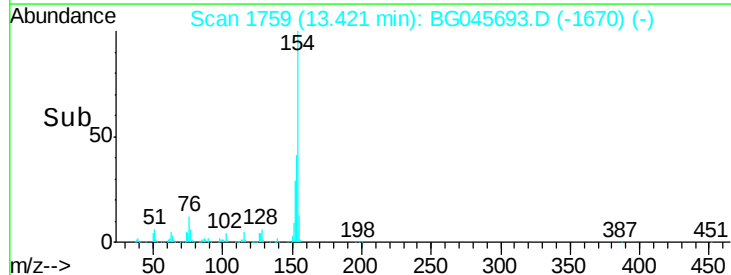
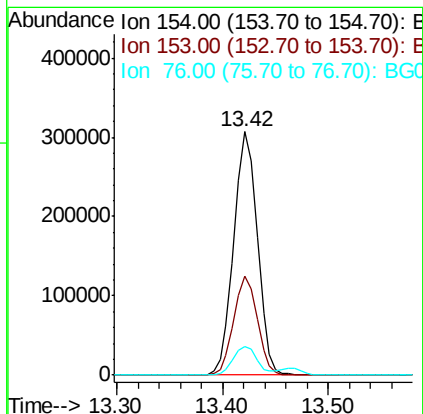
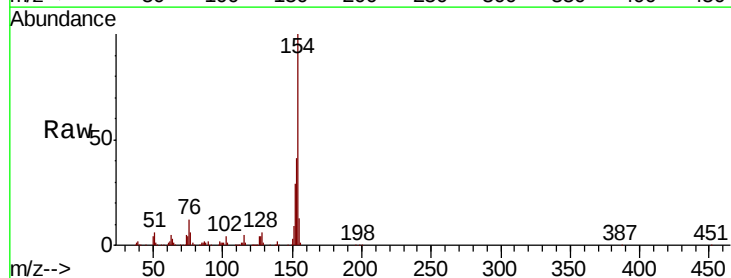
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.6	18.5	27.7



#46
1,1'-Biphenyl
Concen: 53.098 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	22.2	62.2
76	11.9	0.0	32.4

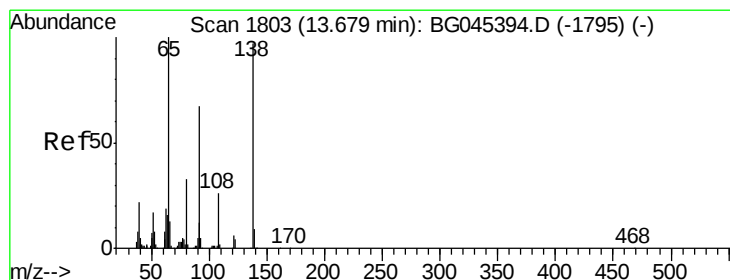
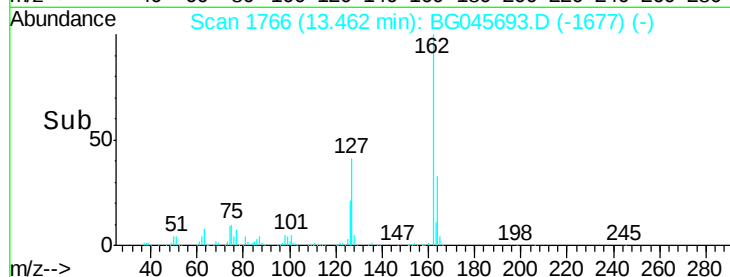
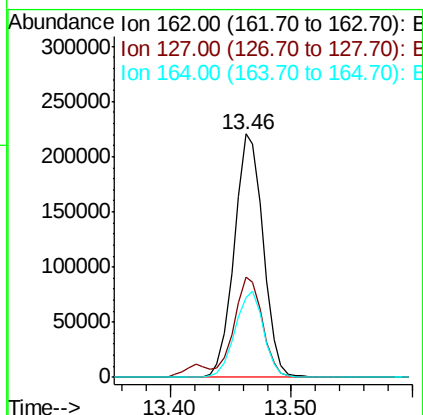
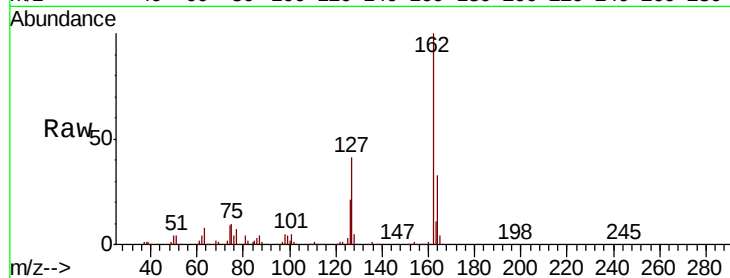




#47
2-Chloronaphthalene
Concen: 50.691 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

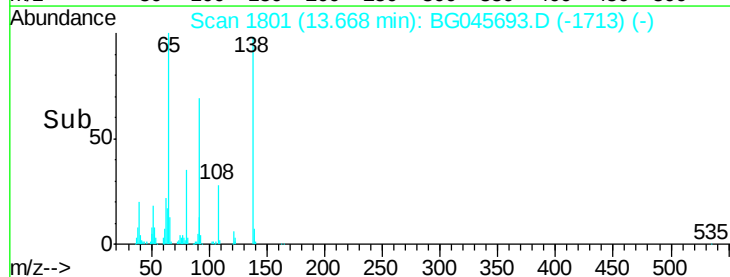
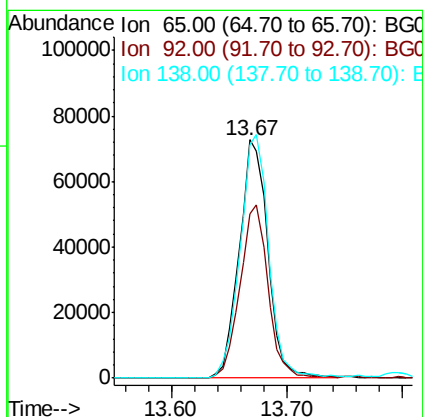
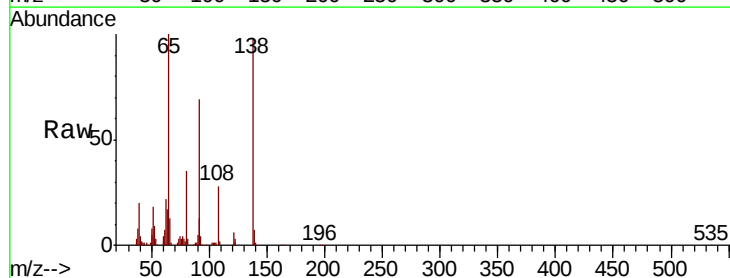
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.6	47.4
164	33.0	28.1	42.1



#48
2-Nitroaniline
Concen: 52.401 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.8	80.8
138	98.2	77.9	116.9





#49

Acenaphthylene

Concen: 52.108 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

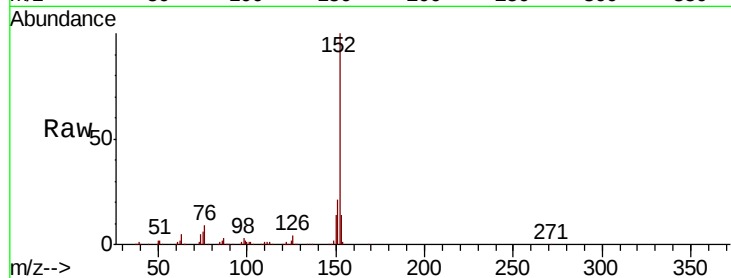
Tot Ion:152 Resp: 607988

Ion Ratio Lower Upper

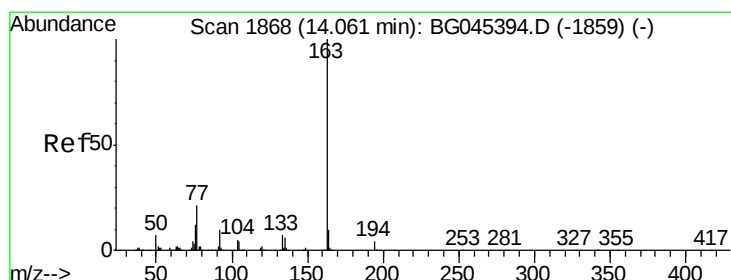
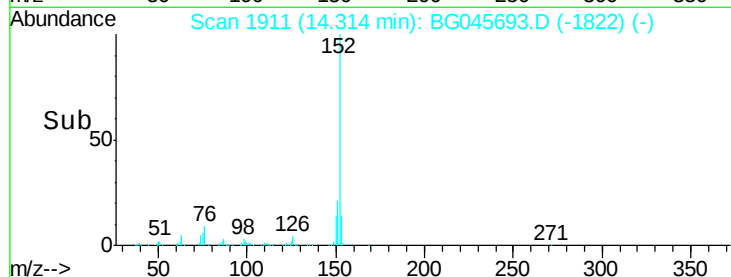
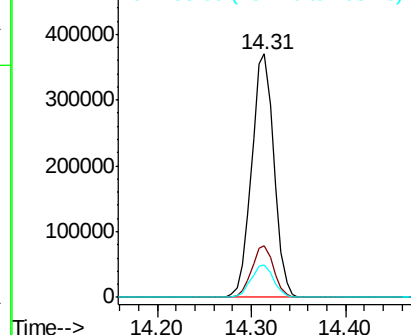
152 100

151 21.0 17.4 26.2

153 13.5 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: 51.554 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

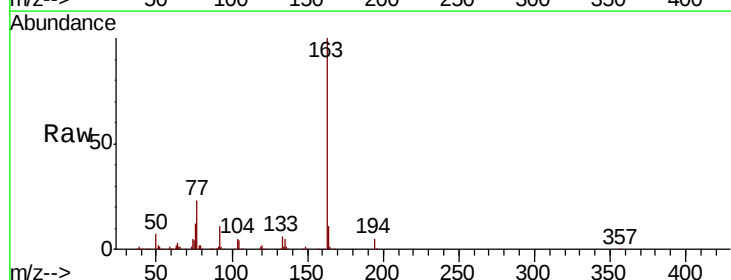
Tgt Ion:163 Resp: 514856

Ion Ratio Lower Upper

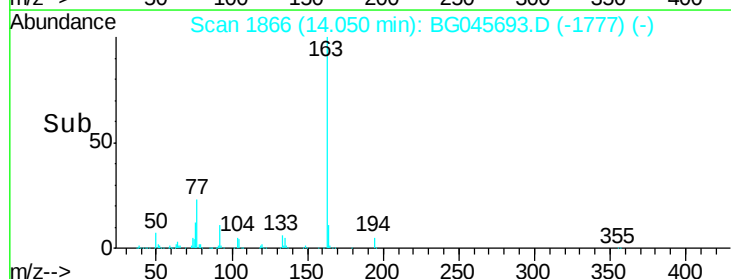
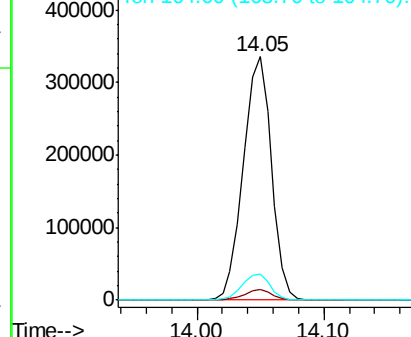
163 100

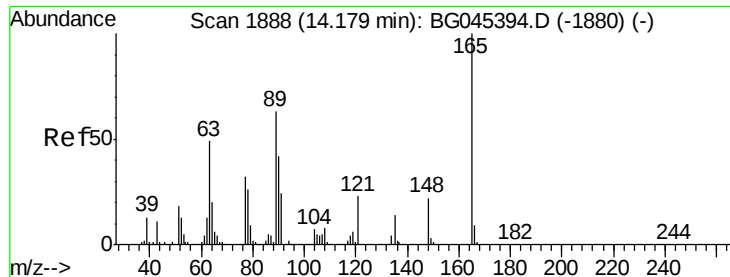
194 4.6 3.2 4.8

164 10.7 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

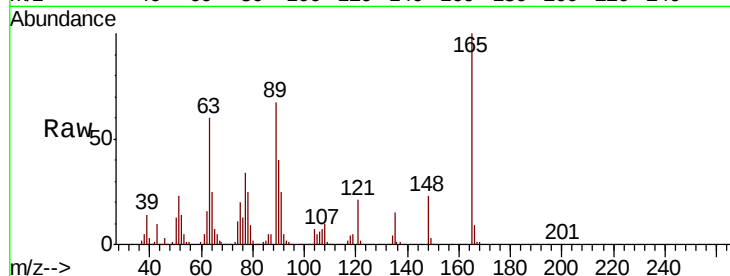




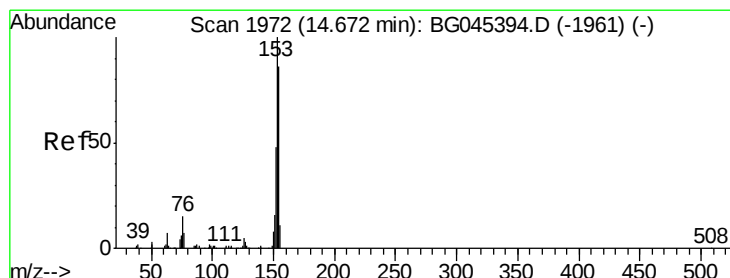
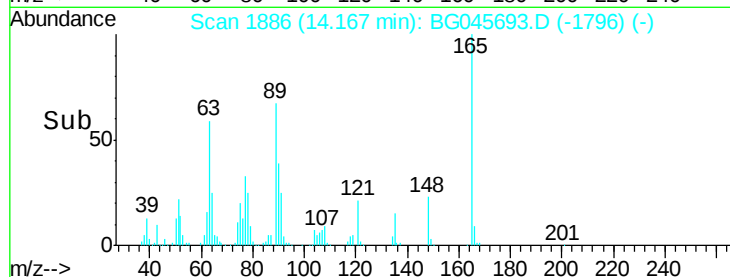
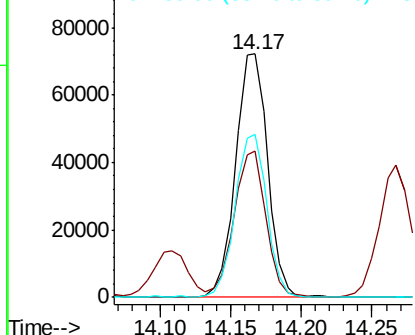
#51
2,6-Dinitrotoluene
Concen: 50.672 ng
RT: 14.17 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 114190
Ion Ratio Lower Upper
165 100
63 60.1 45.0 67.4
89 66.9 50.2 75.4

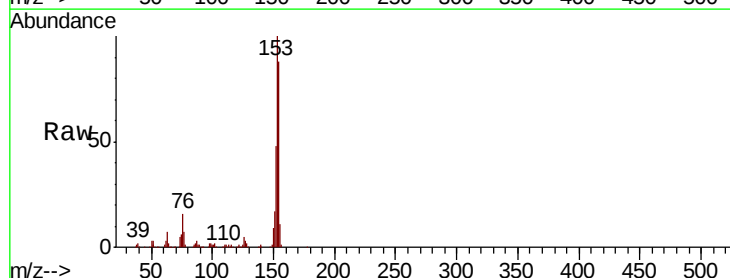


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

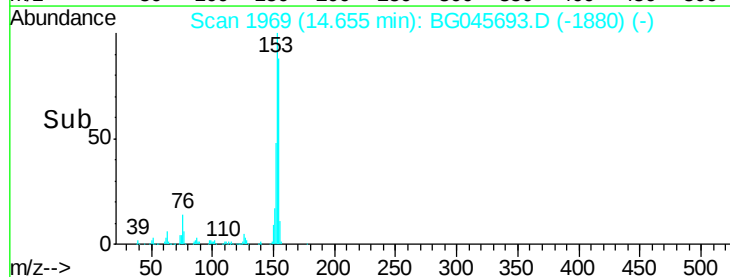
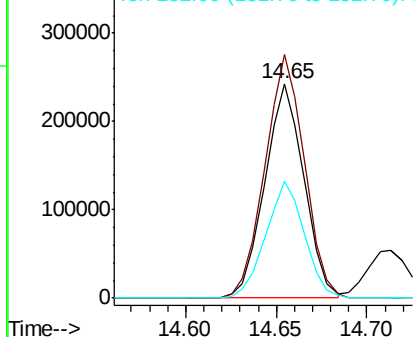


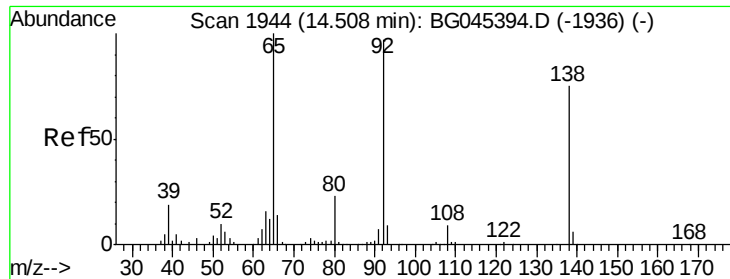
#52
Acenaphthene
Concen: 46.838 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion:154 Resp: 365811
Ion Ratio Lower Upper
154 100
153 113.6 92.8 139.2
152 54.8 44.6 66.8



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

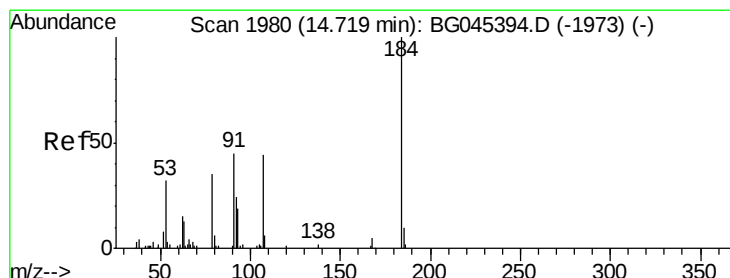
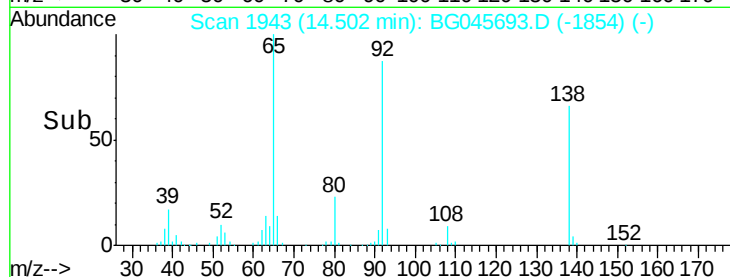
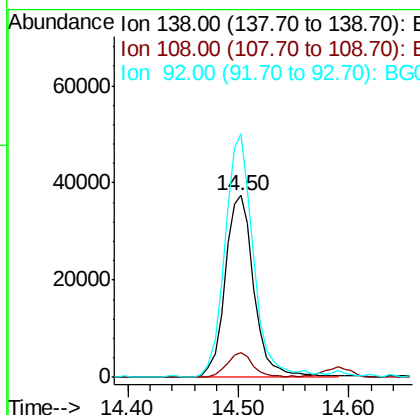
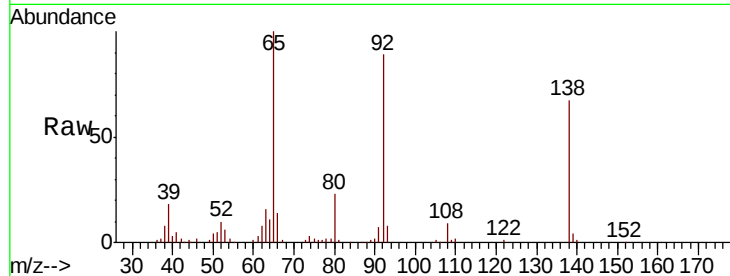




#53
3-Nitroaniline
Concen: 29.876 ng
RT: 14.50 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

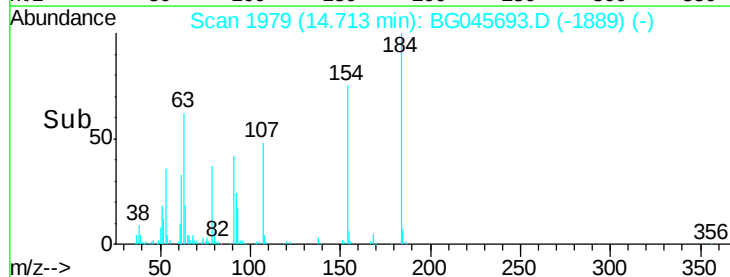
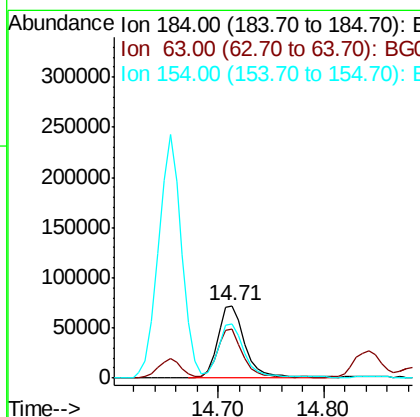
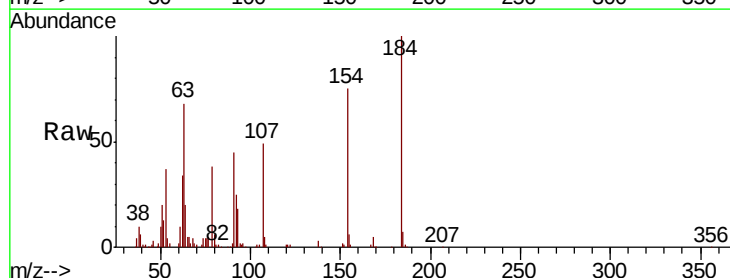
Instrument :
BNA_G
ClientSampleId :

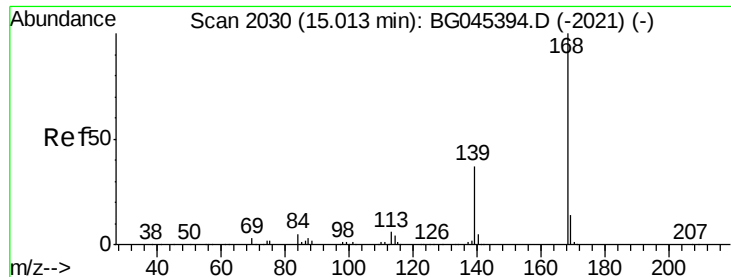
Tot Ion:138 Resp: 68440
Ion Ratio Lower Upper
138 100
108 13.6 9.8 14.6
92 134.1 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 87.735 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion:184 Resp: 130352
Ion Ratio Lower Upper
184 100
63 68.4 47.8 71.6
154 74.8 58.3 87.5

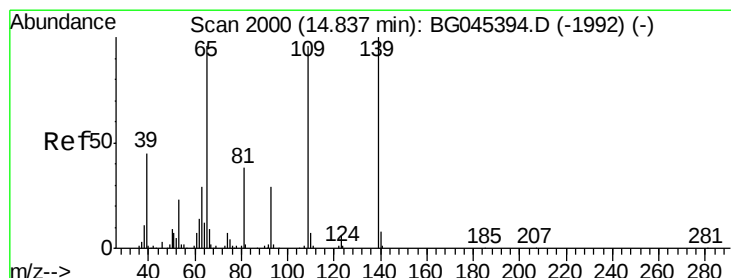
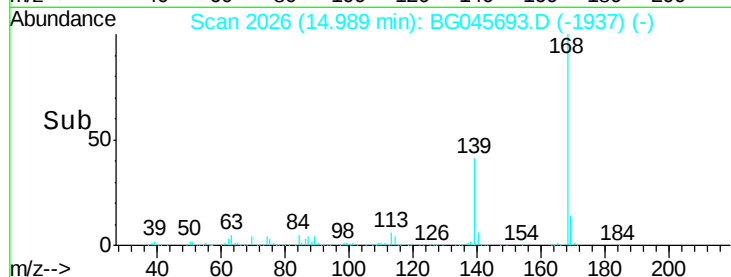
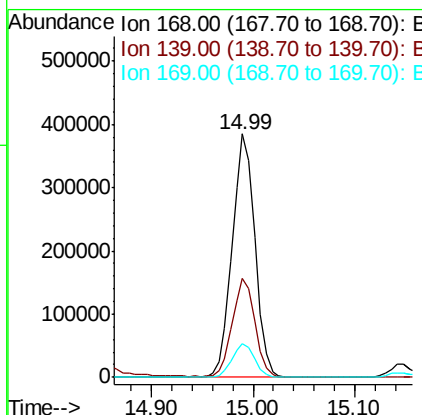
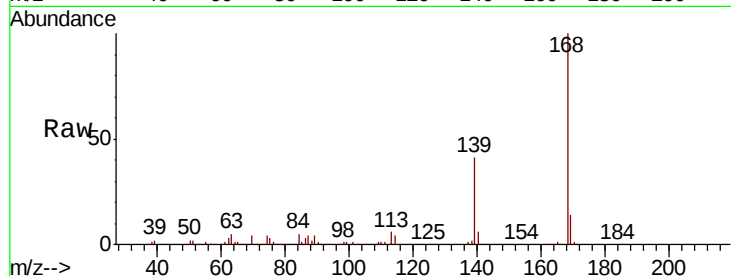




#55
Dibenzofuran
Concen: 51.708 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

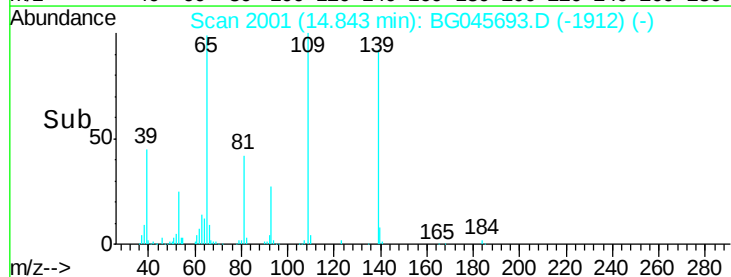
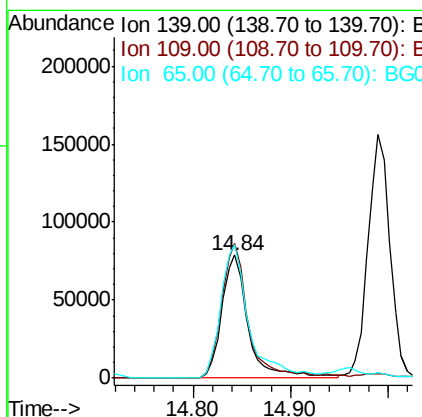
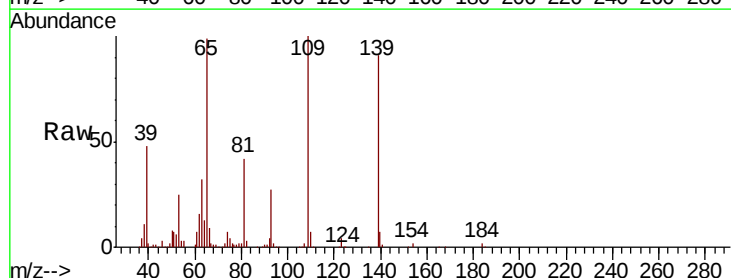
Instrument :
BNA_G
ClientSampleId :

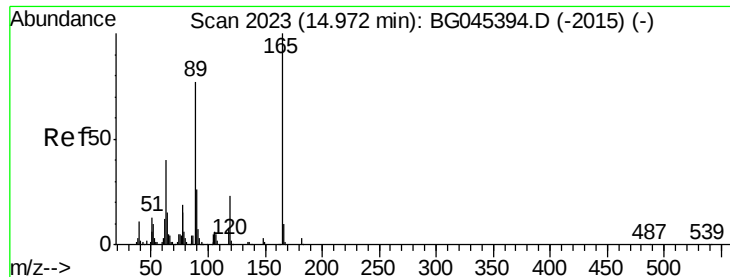
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	29.9	44.9
169	13.6	10.9	16.3



#56
4-Nitrophenol
Concen: 85.969 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.6	75.6	115.6
65	108.0	76.8	116.8

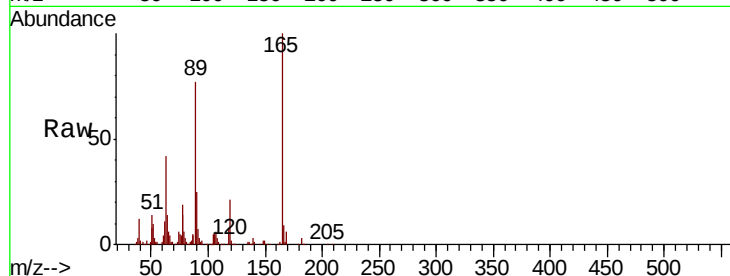




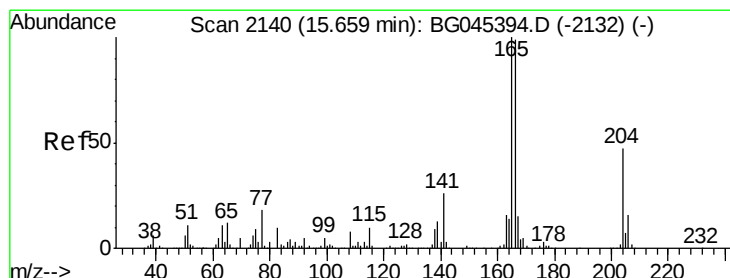
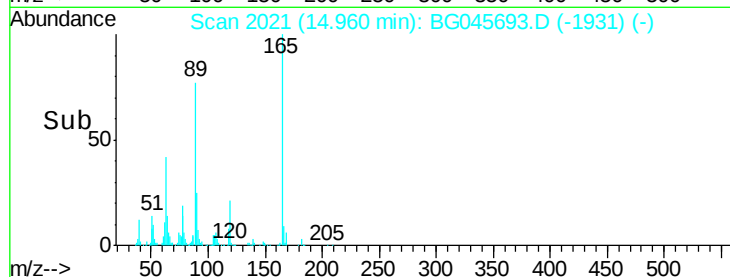
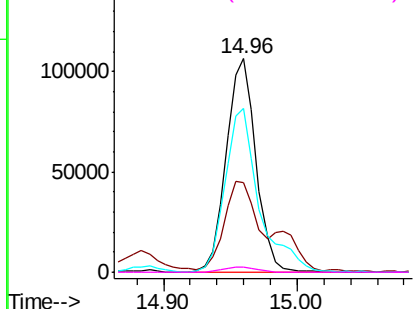
#57
2,4-Dinitrotoluene
Concen: 50.818 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 165856
Ion Ratio Lower Upper
165 100
63 42.0 32.5 48.7
89 76.8 61.8 92.6
182 2.6 2.3 3.5

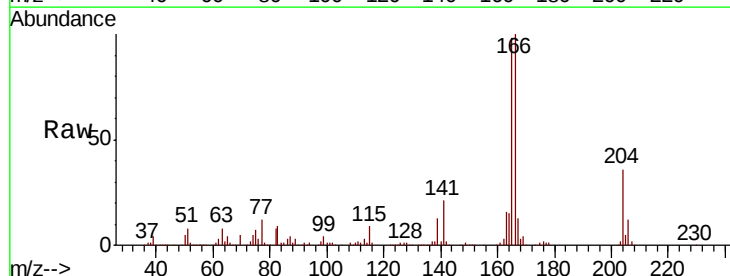


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

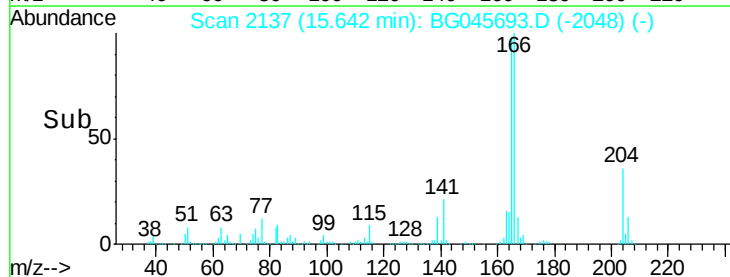
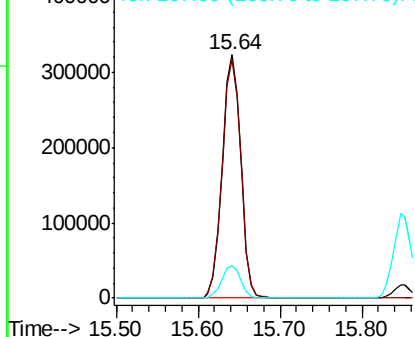


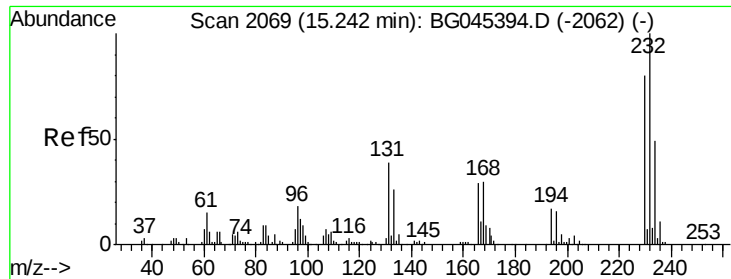
#58
Fluorene
Concen: 53.526 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion:166 Resp: 510025
Ion Ratio Lower Upper
166 100
165 97.9 80.8 121.2
167 13.4 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

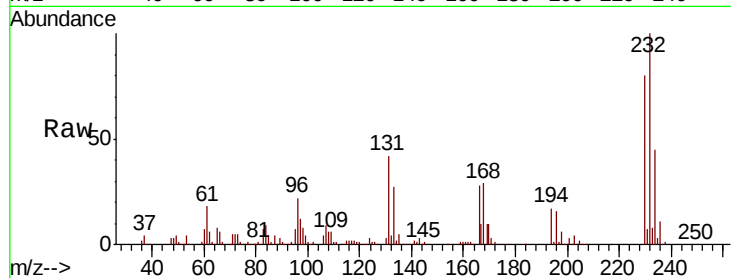




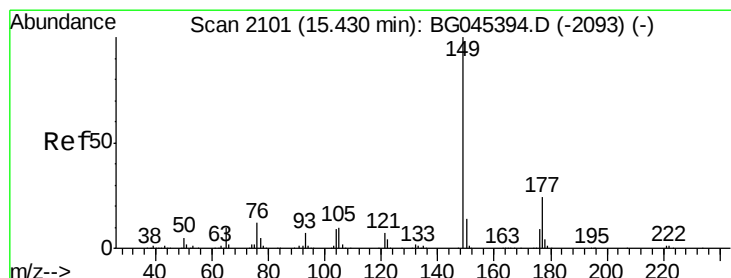
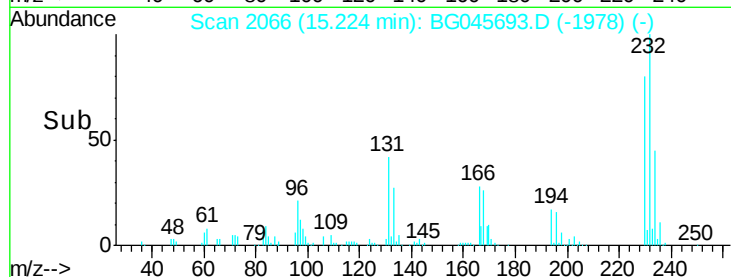
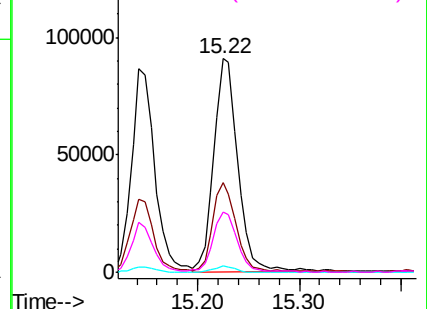
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.832 ng
 RT: 15.22 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	150035
Ion Ratio	Lower	Upper
232	100	
131	39.7	33.7 50.5
130	2.5	2.1 3.1
166	27.7	23.2 34.8

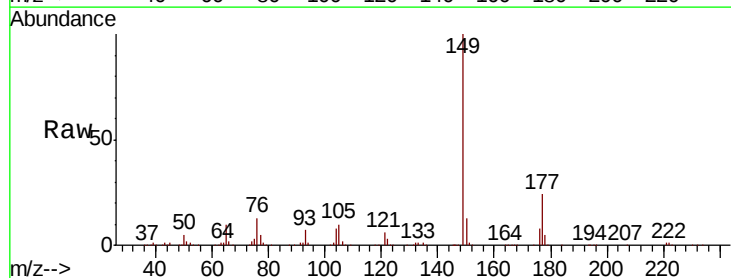


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

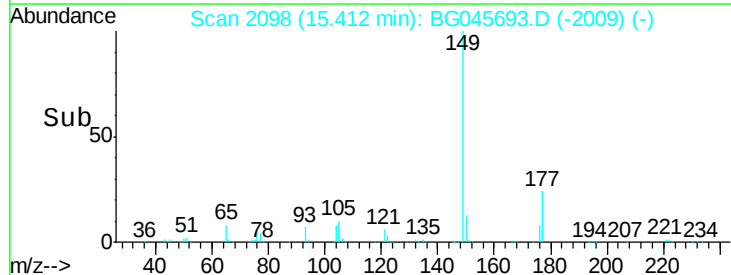
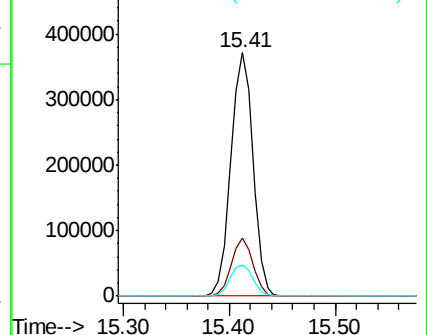


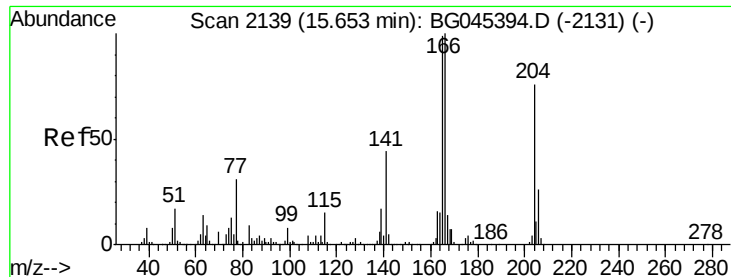
#60
 Diethylphthalate
 Concen: 51.469 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion:149	Resp:	535000
Ion Ratio	Lower	Upper
149	100	
177	23.9	19.0 28.4
150	13.0	11.4 17.0



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

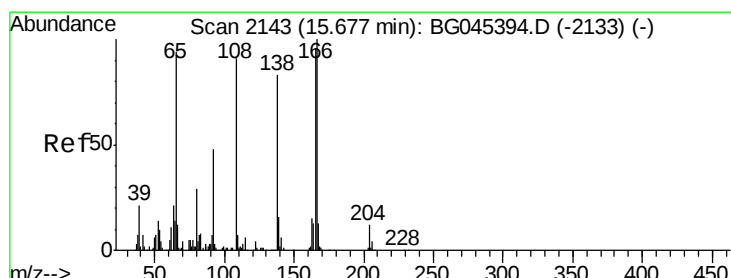
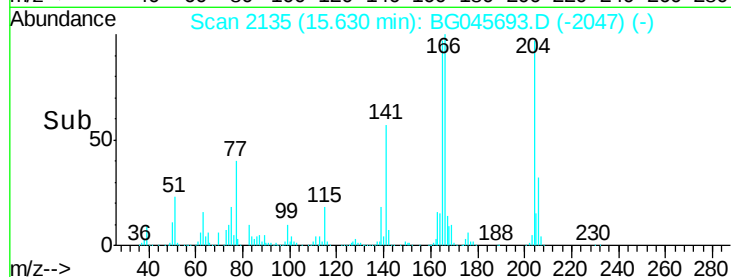
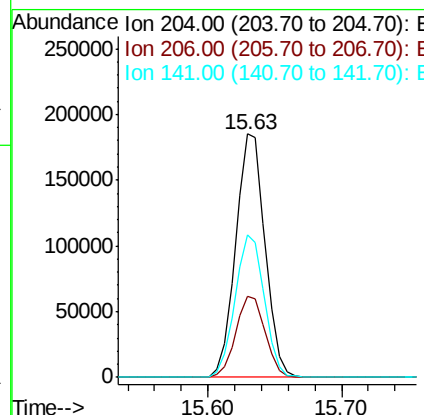
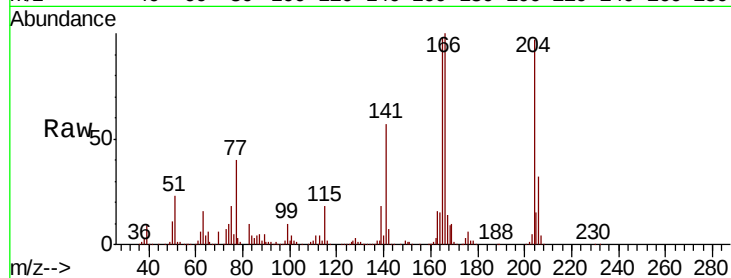




#61
4-Chlorophenyl-phenylether
Concen: 51.862 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

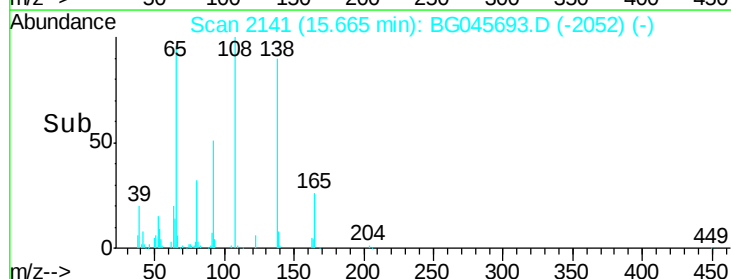
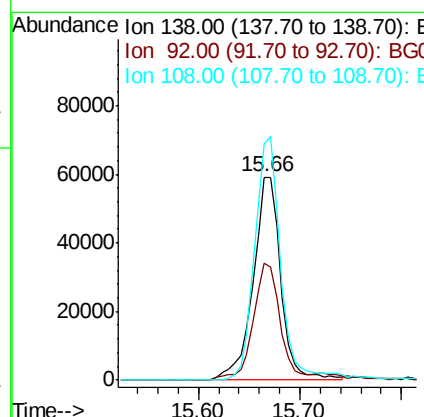
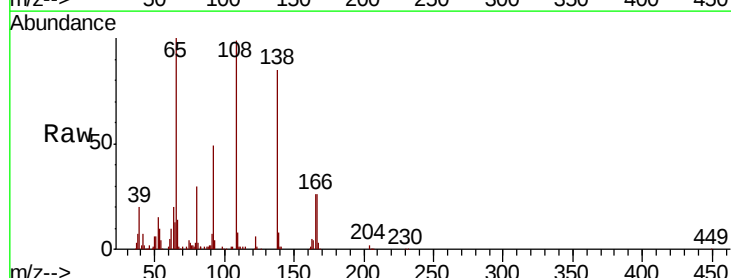
Instrument :
BNA_G
ClientSampled :

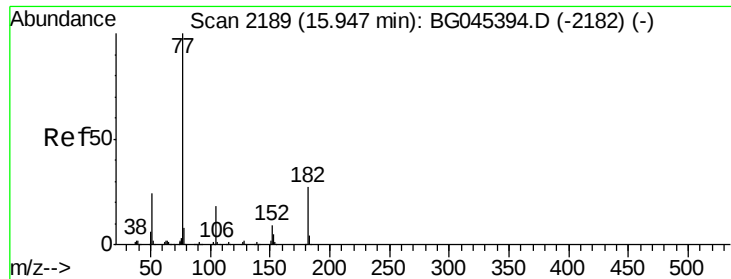
Tot Ion:204 Resp: 282783
Ion Ratio Lower Upper
204 100
206 33.4 27.3 40.9
141 58.6 45.9 68.9



#62
4-Nitroaniline
Concen: 46.767 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion:138 Resp: 111844
Ion Ratio Lower Upper
138 100
92 57.5 38.0 78.0
108 116.3 89.3 129.3





#63

Azobenzene

Concen: 54.034 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 523721

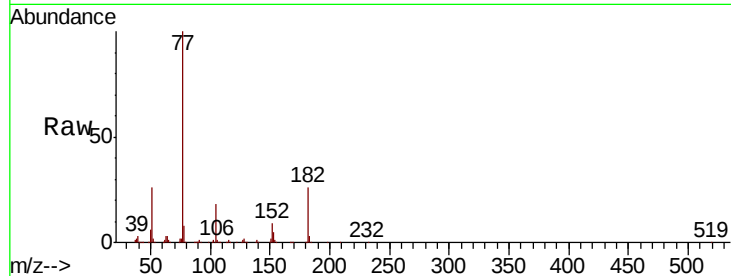
Ion Ratio Lower Upper

77 100

182 26.5 6.5 46.5

105 18.3 0.0 37.9

51 25.6 4.1 44.1

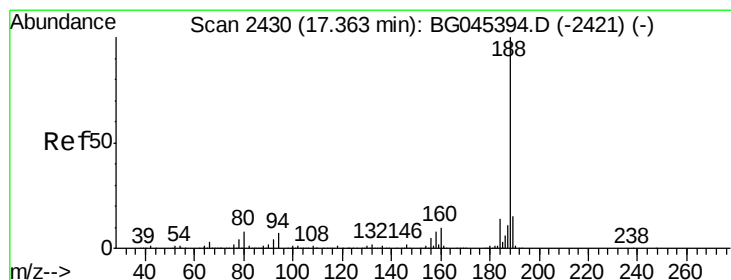
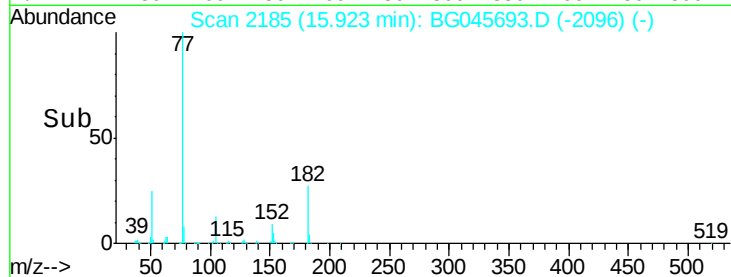
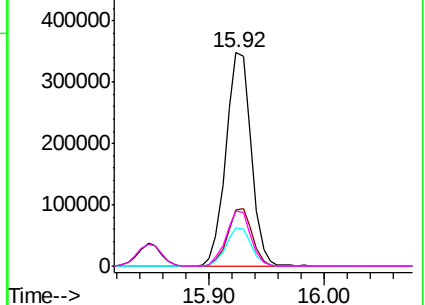


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

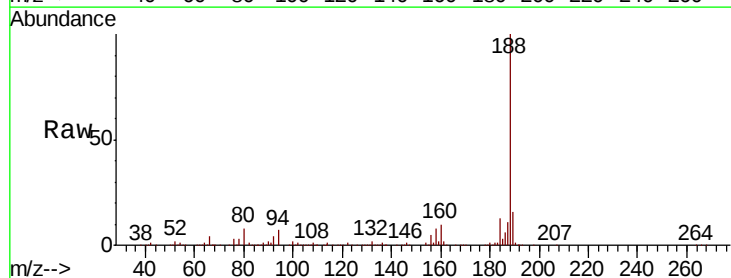
Tgt Ion: 188 Resp: 355942

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

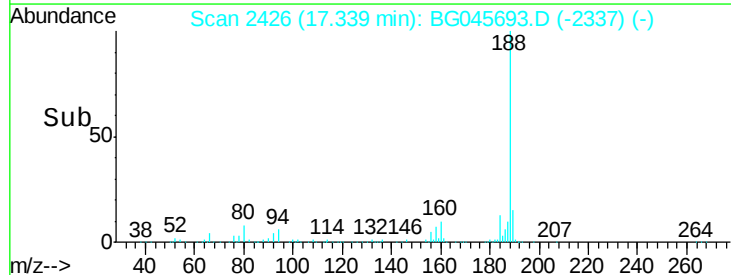
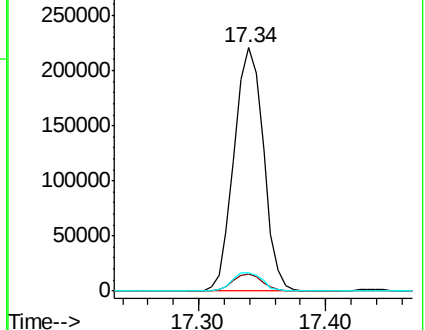
80 7.8 6.6 10.0

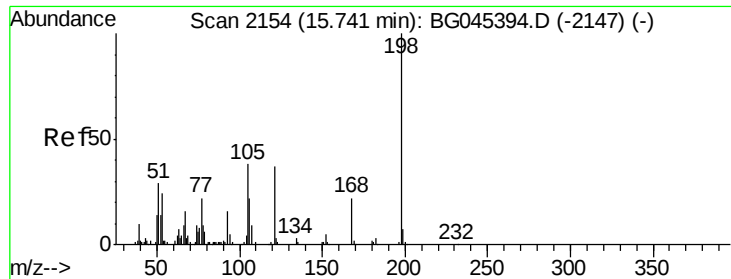


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 50.227 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

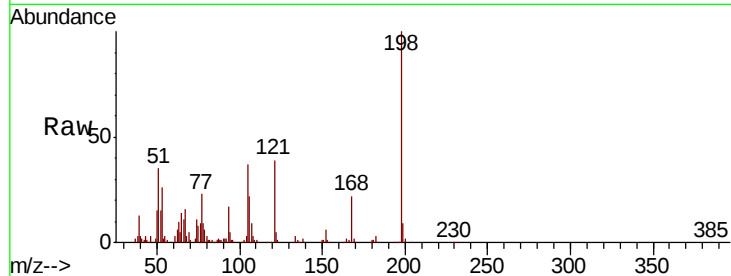
Tot Ion:198 Resp: 104120

Ion	Ratio	Lower	Upper
198	100		
51	35.4	10.0	50.0
105	37.4	18.9	58.9

198 100

51 35.4 10.0 50.0

105 37.4 18.9 58.9



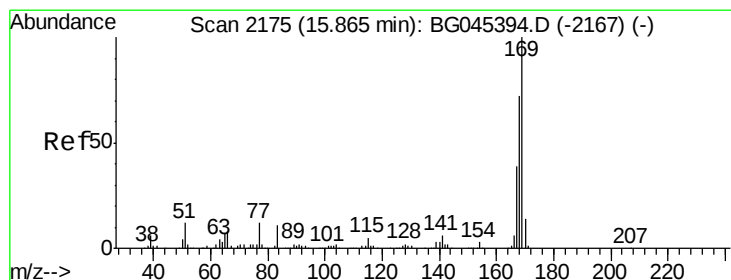
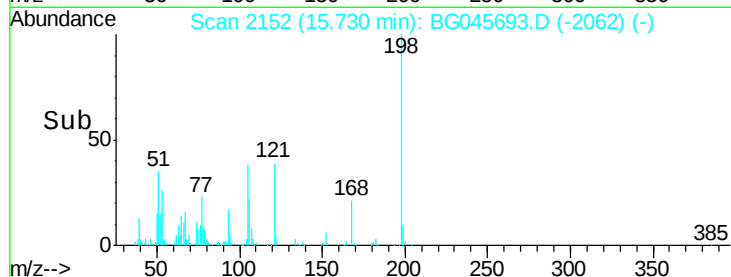
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

15.73

Time-->



#66

n-Nitrosodiphenylamine

Concen: 53.469 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

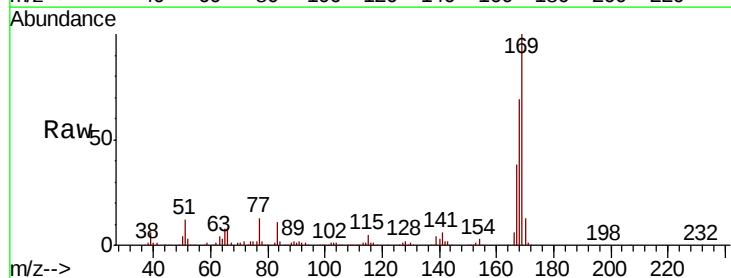
Tgt Ion:169 Resp: 456958

Ion	Ratio	Lower	Upper
169	100		
168	68.5	57.8	86.6
167	38.0	31.5	47.3

169 100

168 68.5 57.8 86.6

167 38.0 31.5 47.3



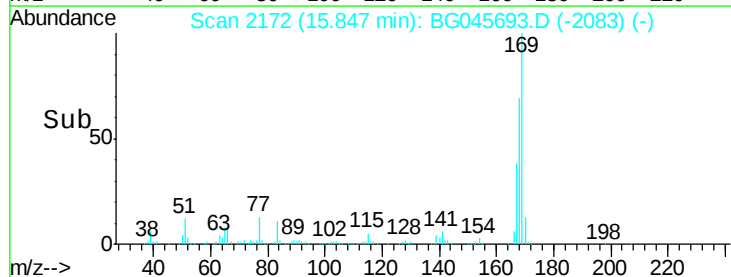
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.85

Time-->

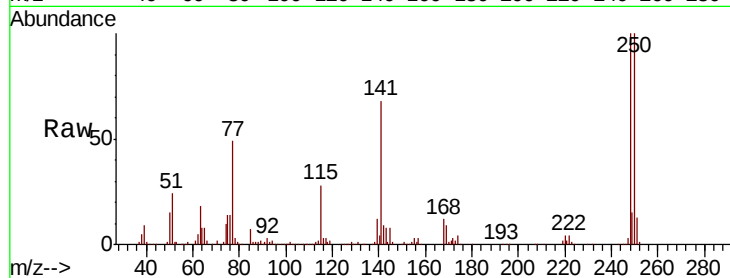




#67
4-Bromophenyl-phenylether
Concen: 50.232 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	67.9	58.2	87.2

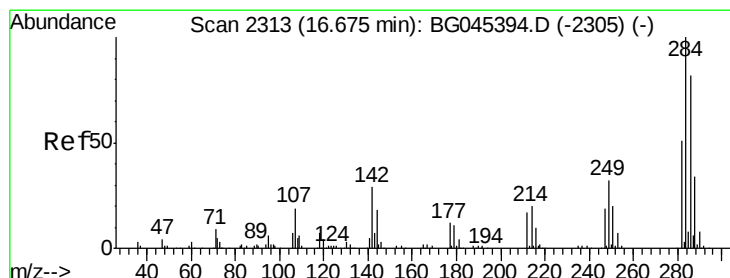
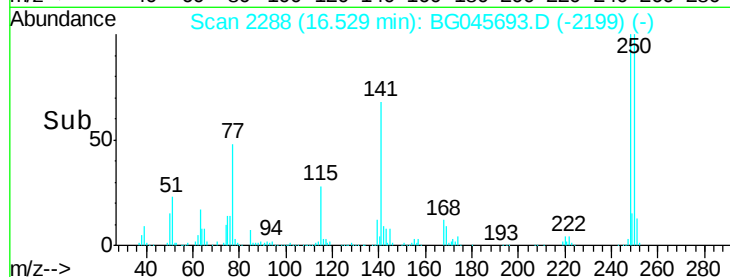
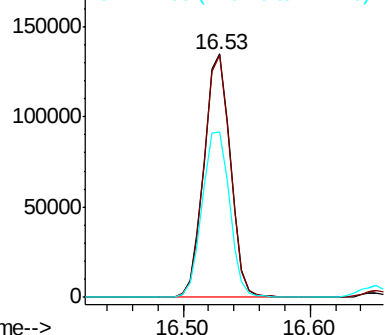


Abundance

Ion 248.00 (247.70 to 248.70): E

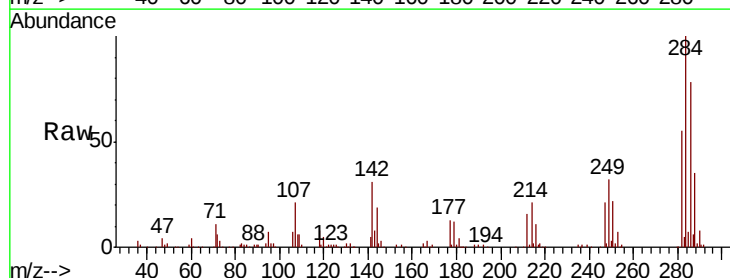
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 52.421 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	23.0	34.6
249	31.9	25.8	38.6

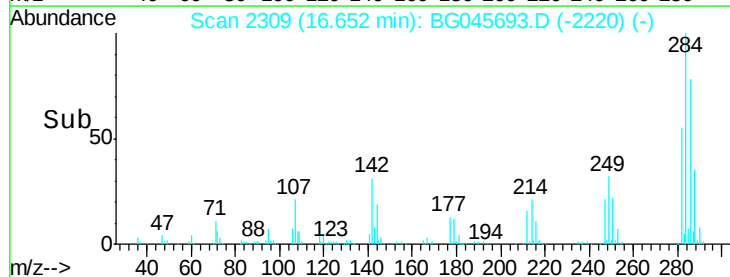
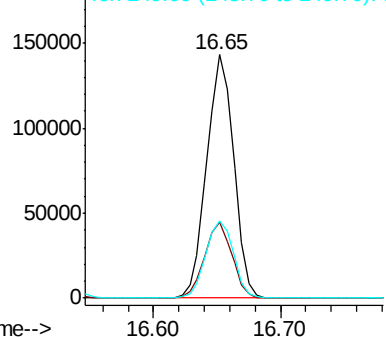


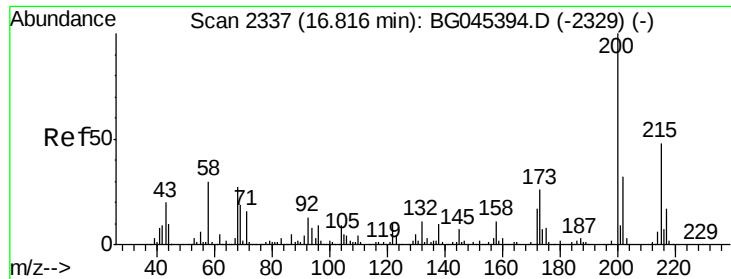
Abundance

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: 48.783 ng

RT: 16.80 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

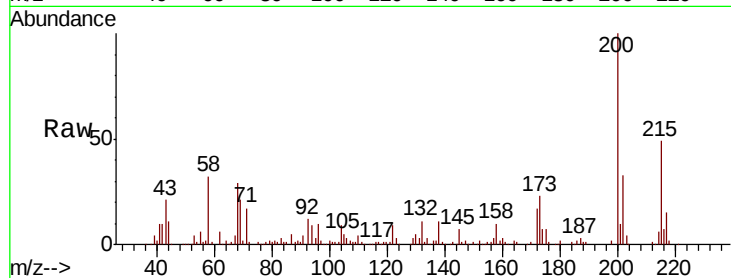
Tot Ion:200 Resp: 171719

Ion Ratio Lower Upper

200 100

173 23.2 5.5 45.5

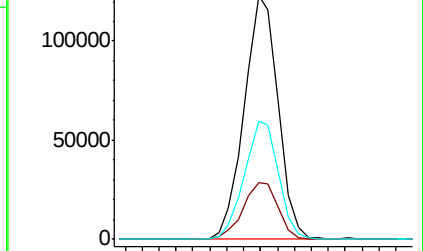
215 48.7 28.2 68.2



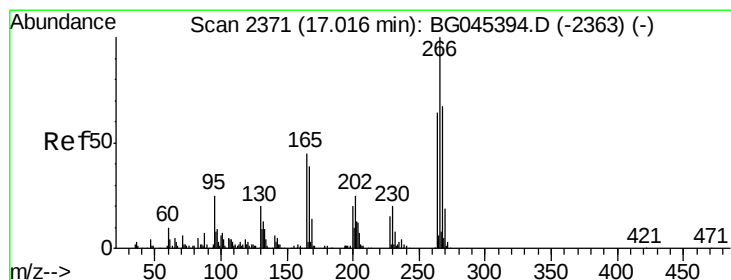
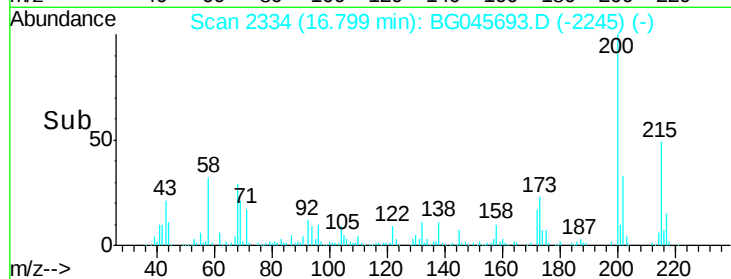
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#70

Pentachlorophenol

Concen: 90.681 ng

RT: 17.00 min Scan# 2368

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

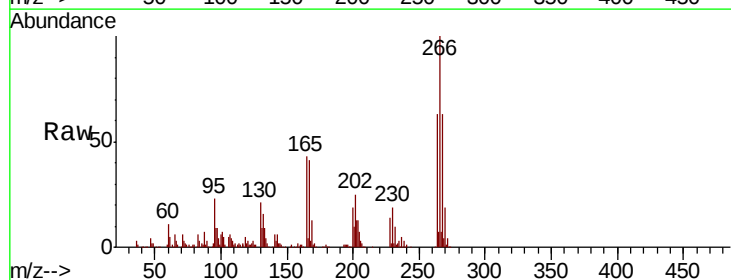
Tgt Ion:266 Resp: 189812

Ion Ratio Lower Upper

266 100

268 63.5 53.2 79.8

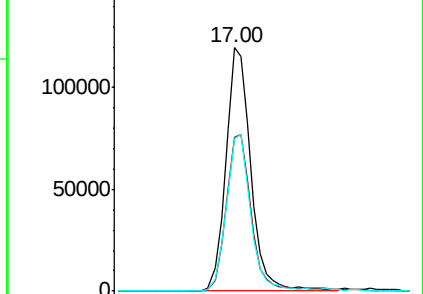
264 62.6 51.0 76.4



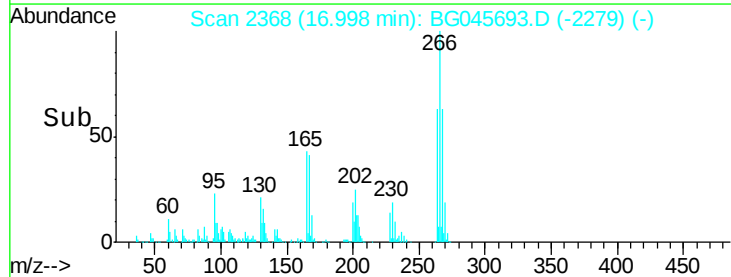
Abundance Ion 265.70 (265.40 to 266.40): E

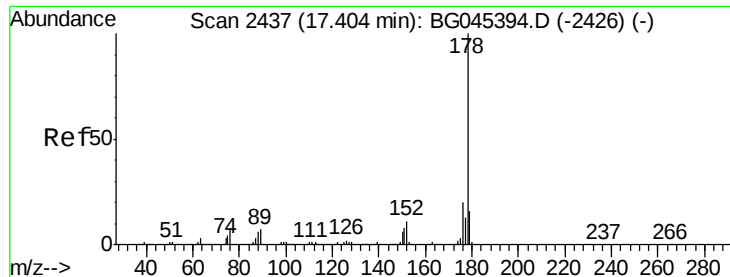
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->

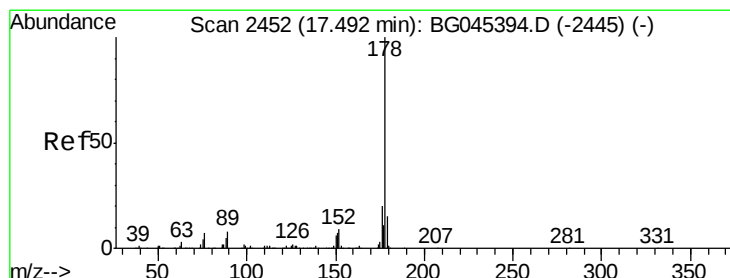
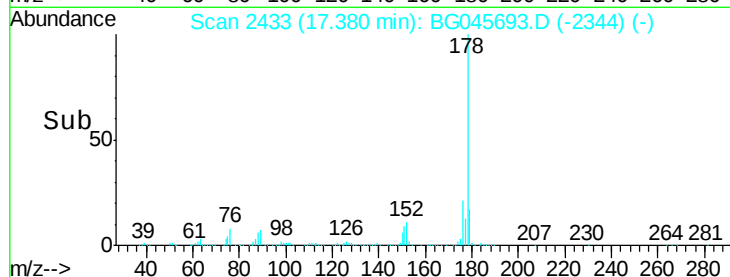
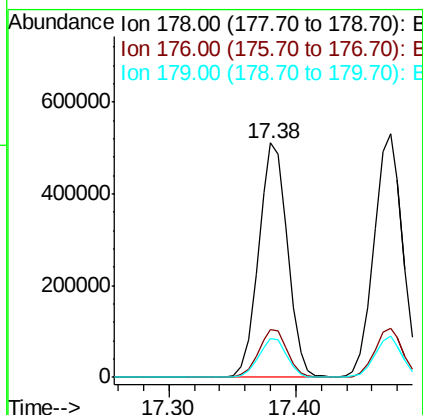
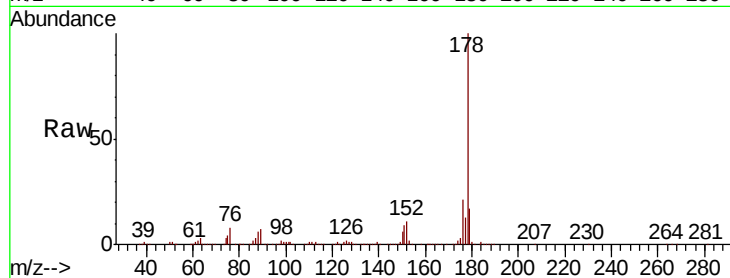




#71
Phenanthrene
Concen: 52.124 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

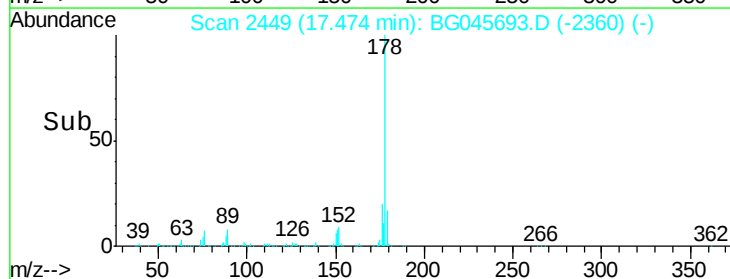
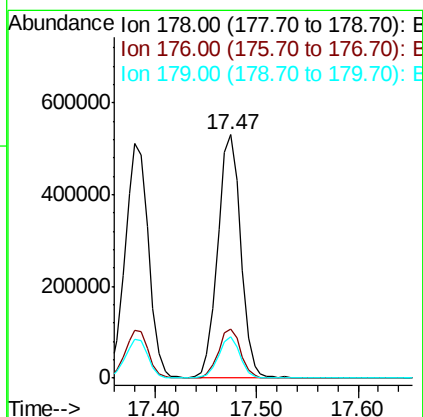
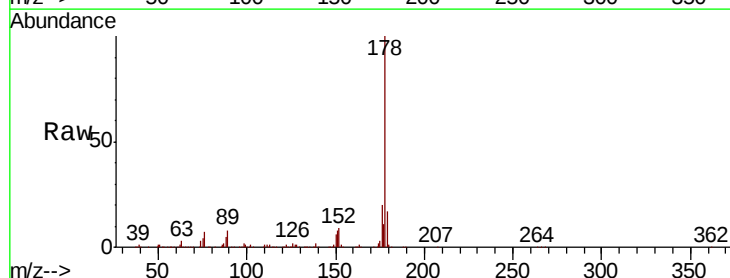
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 809944
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.8 13.1 19.7



#72
Anthracene
Concen: 53.471 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion:178 Resp: 834400
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 17.2 12.2 18.4





#73

Carbazole

Concen: 49.916 ng

RT: 17.74 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

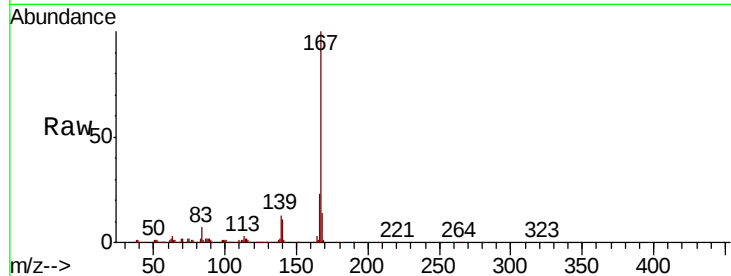
Tot Ion:167 Resp: 759255

Ion Ratio Lower Upper

167 100

166 23.2 19.2 28.8

139 13.1 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

17.74

600000

500000

400000

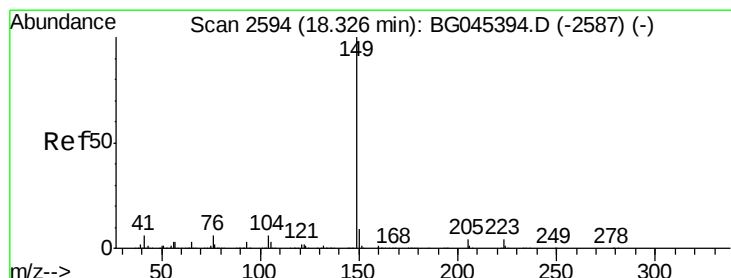
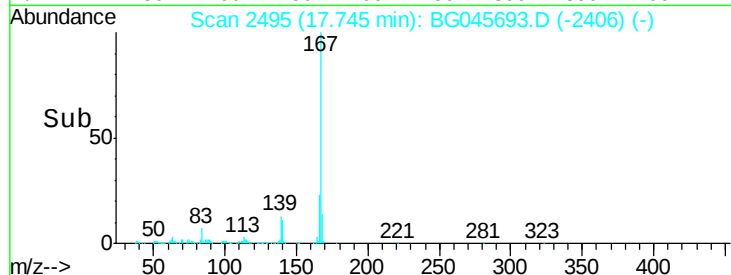
300000

200000

100000

0

Time--> 17.60 17.70 17.80 17.90



#74

Di-n-butylphthalate

Concen: 49.731 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

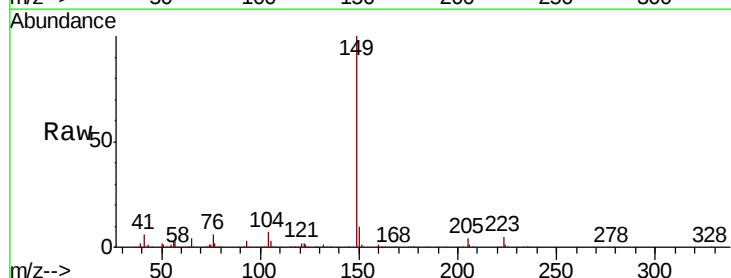
Tgt Ion:149 Resp: 907921

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 6.5 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

18.30

800000

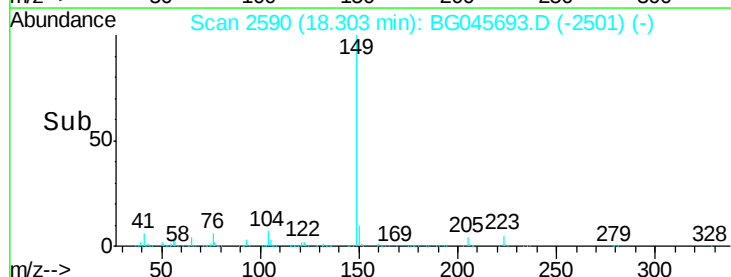
600000

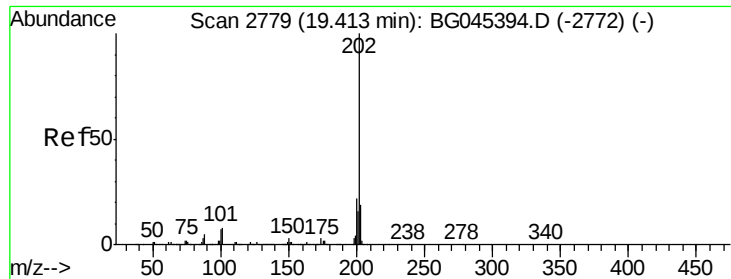
400000

200000

0

Time--> 18.20 18.30 18.40

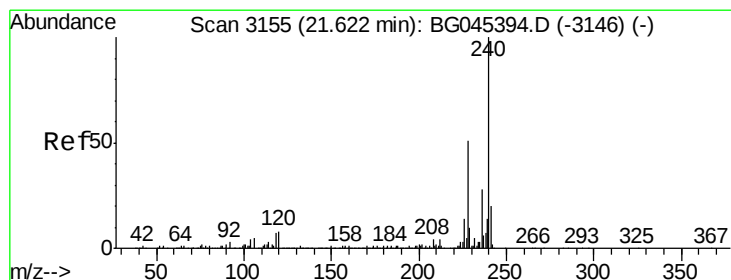
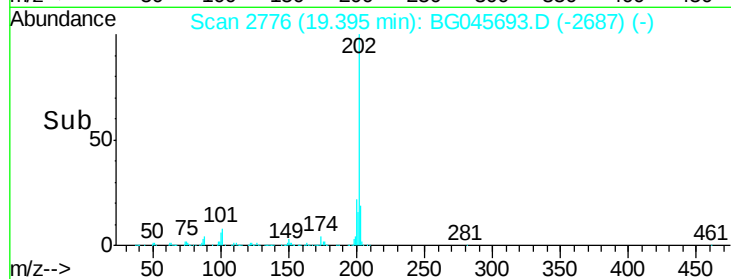
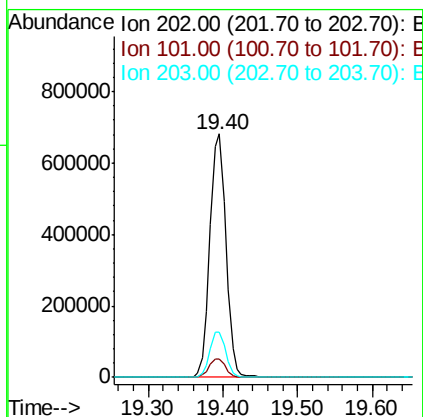
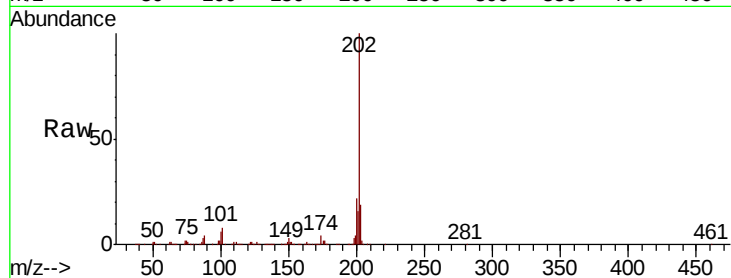




#75
 Fluoranthene
 Concen: 51.372 ng
 RT: 19.40 min Scan# 2776
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

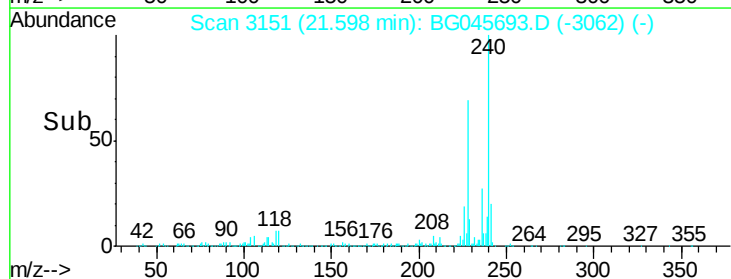
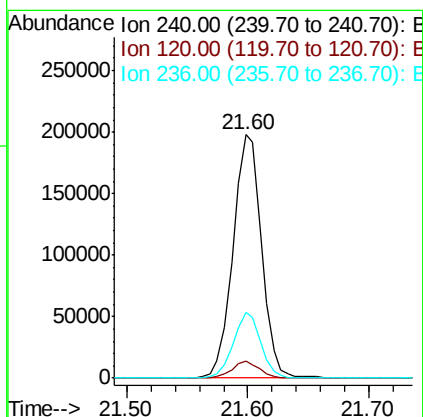
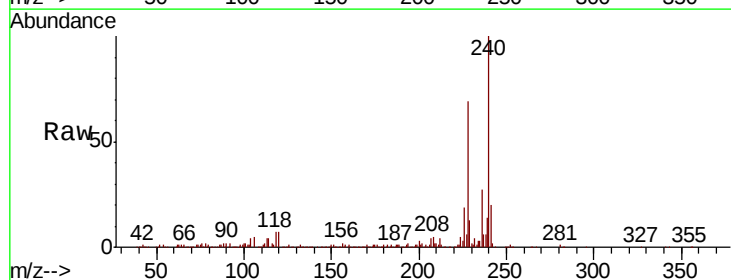
Instrument :
 BNA_G
 ClientSampleId :

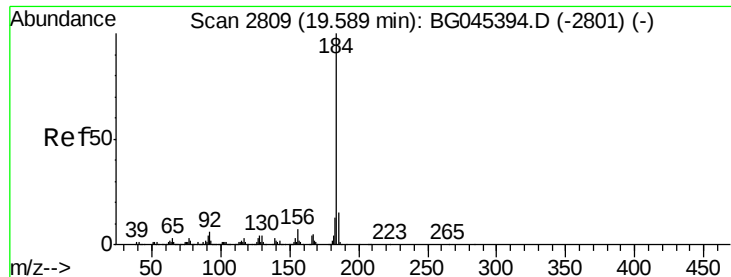
Tot Ion:202 Resp: 1015331
 Ion Ratio Lower Upper
 202 100
 101 7.7 0.0 28.3
 203 18.8 0.0 39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BG045693.D
 Acq: 10 Jun 2020 15:53

Tgt Ion:240 Resp: 325437
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.1 9.1
 236 27.0 22.3 33.5





#77

Benzidine

Concen: 48.606 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

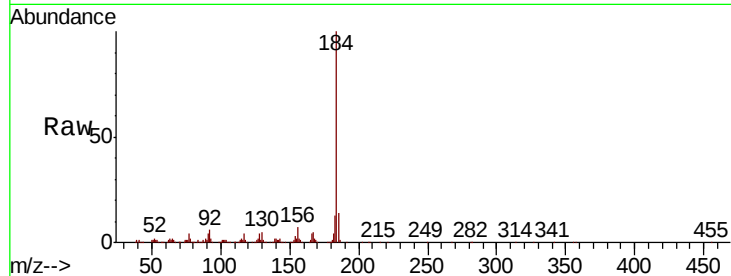
Tot Ion:184 Resp: 444259

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

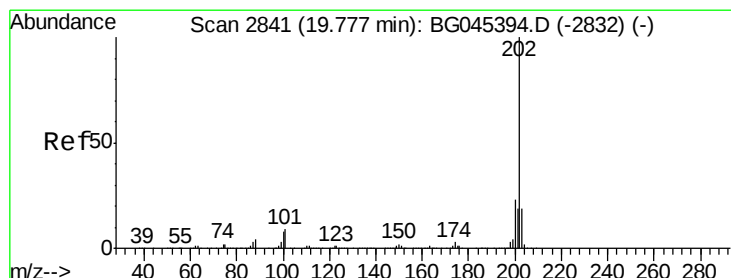
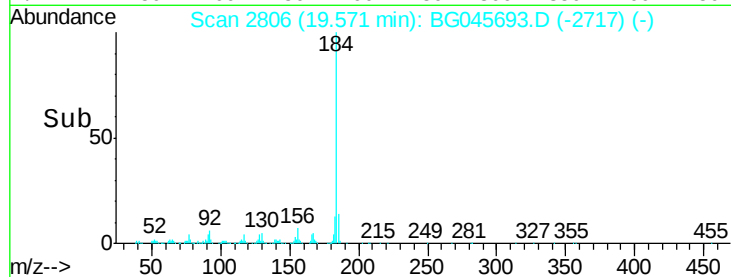
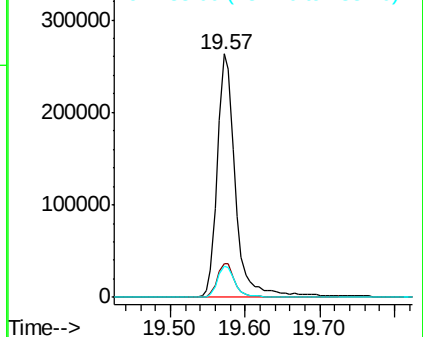
183 12.9 10.2 15.4



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: 53.194 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

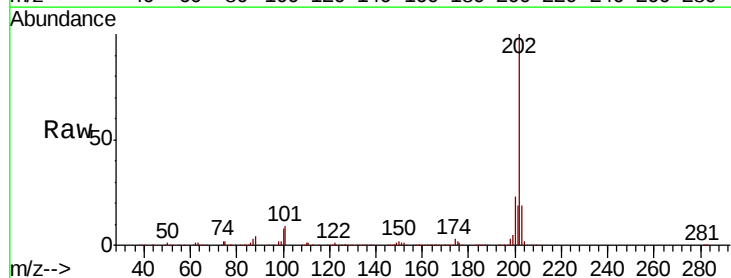
Tgt Ion:202 Resp: 986820

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

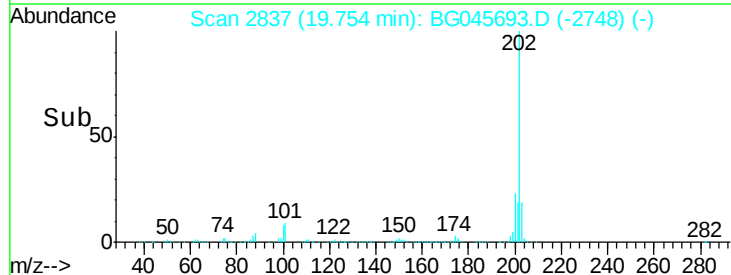
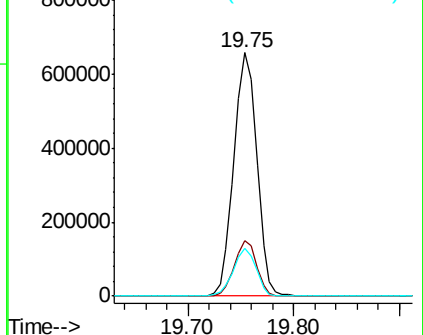
203 19.4 15.1 22.7

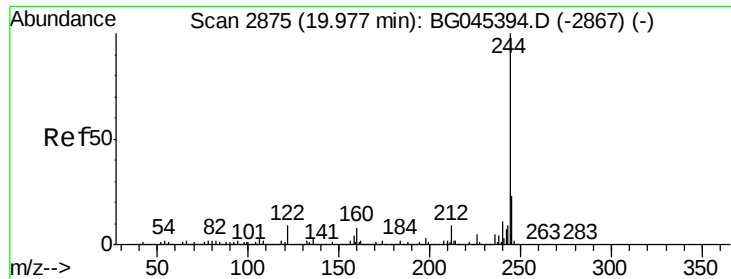


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.039 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampled :

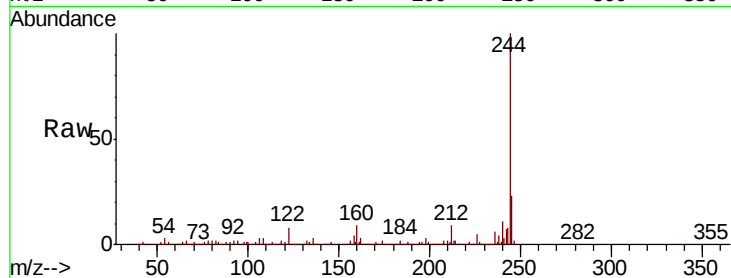
Tot Ion:244 Resp: 1479612

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

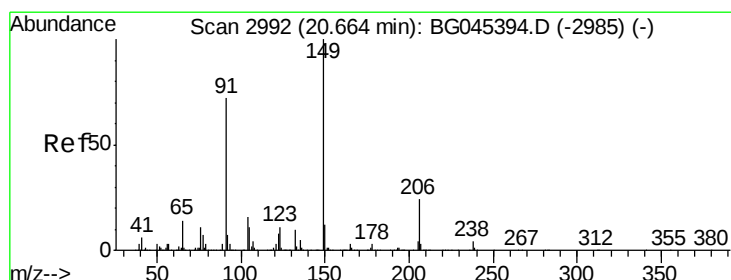
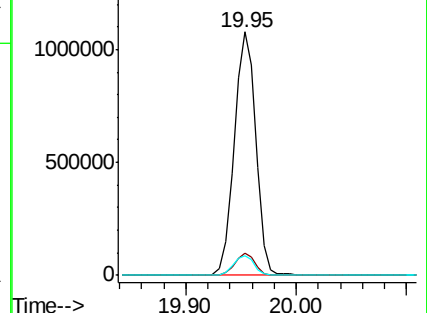
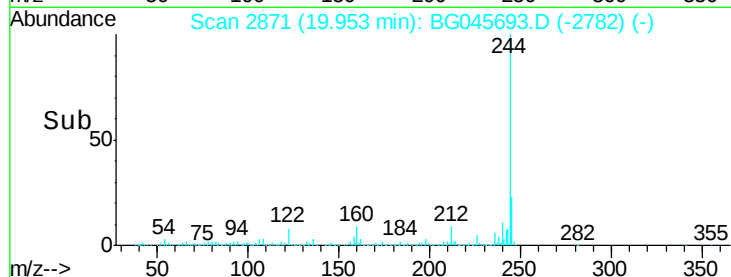
122 8.1 6.8 10.2



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: 49.753 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

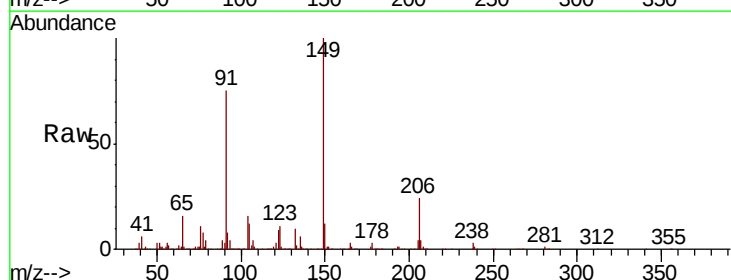
Tgt Ion:149 Resp: 398386

Ion Ratio Lower Upper

149 100

91 75.0 57.8 86.6

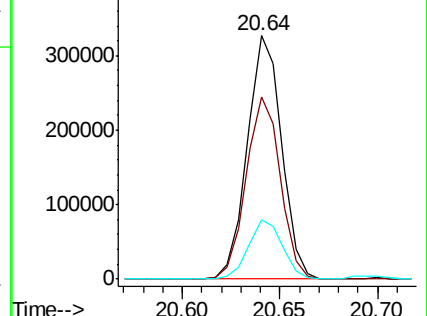
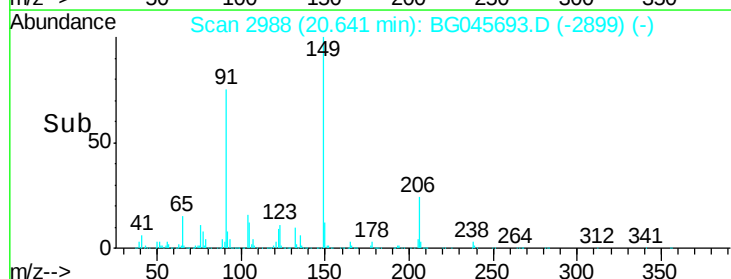
206 24.3 19.1 28.7

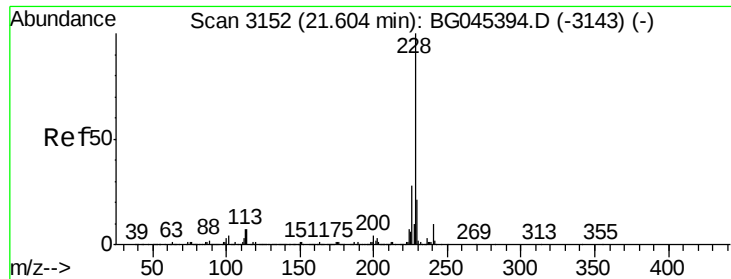


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.480 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

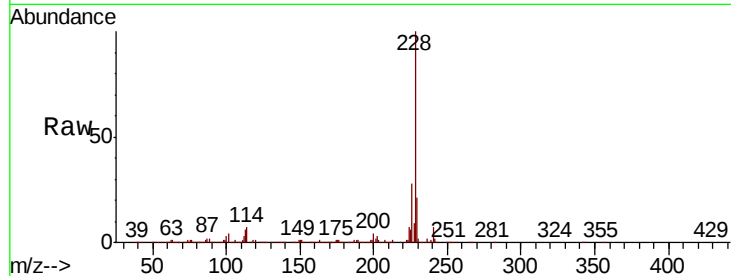
Tot Ion:228 Resp: 951416

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	20.7	16.7	25.1

228 100

226 28.5 22.7 34.1

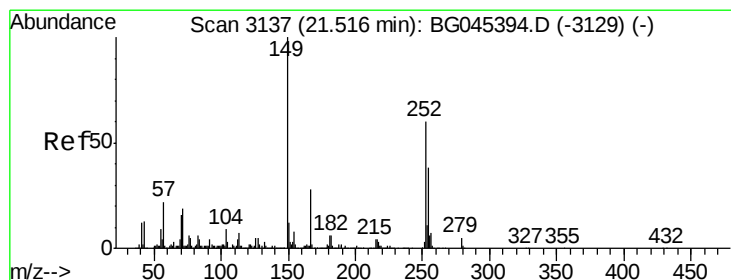
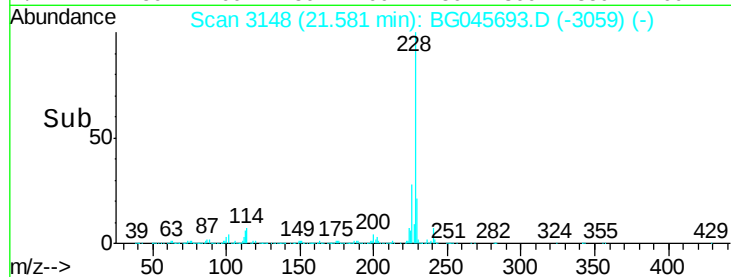
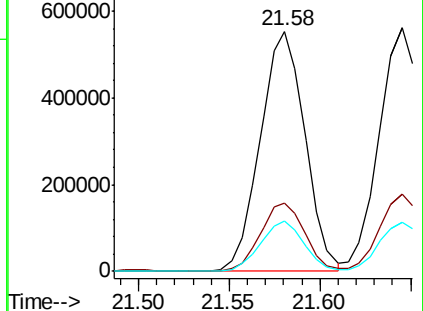
229 20.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.453 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

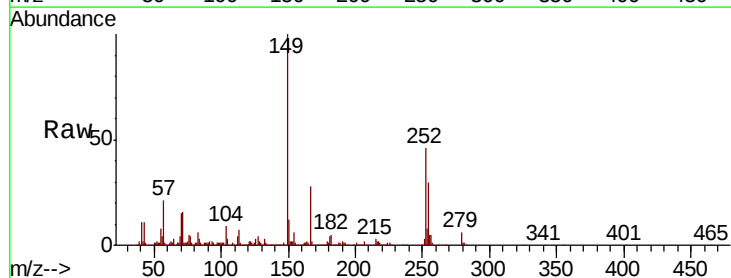
Tgt Ion:252 Resp: 245004

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.3	76.9
126	7.4	6.6	10.0

252 100

254 64.5 51.3 76.9

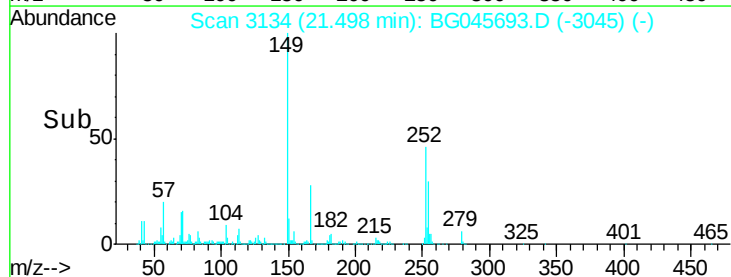
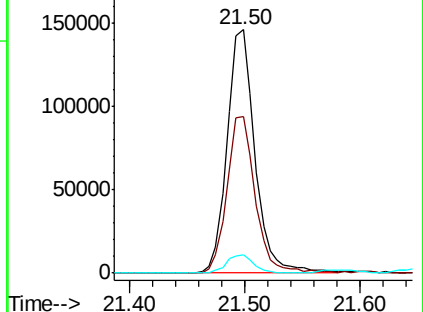
126 7.4 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 53.369 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

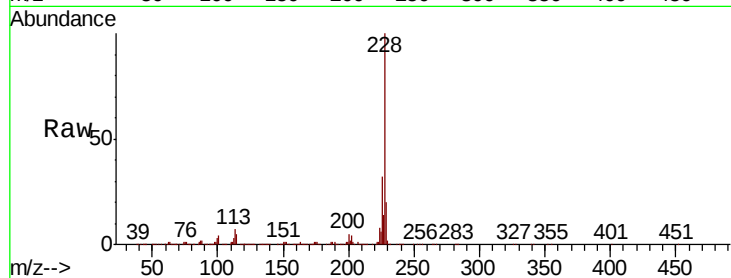
Tot Ion:228 Resp: 930318

Ion Ratio Lower Upper

228 100

226 31.6 25.2 37.8

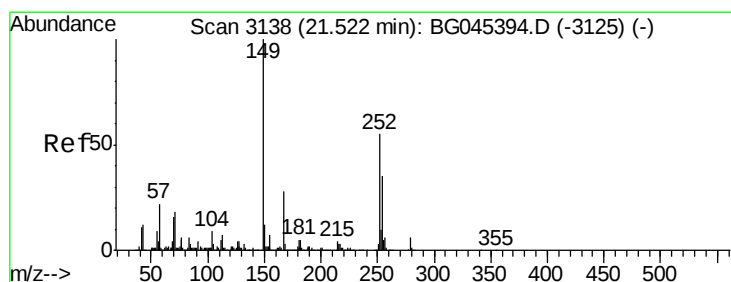
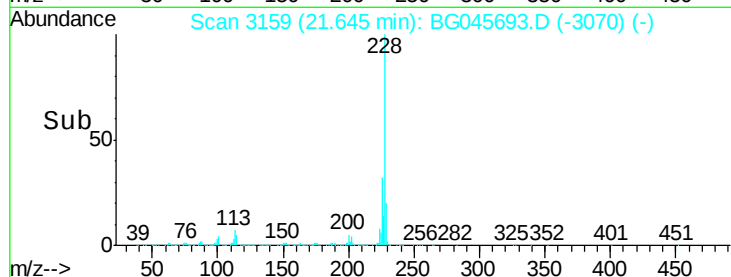
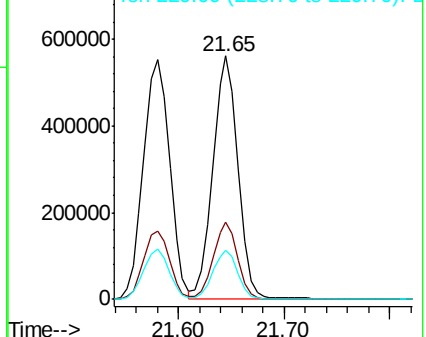
229 20.2 16.7 25.1



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: 51.752 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

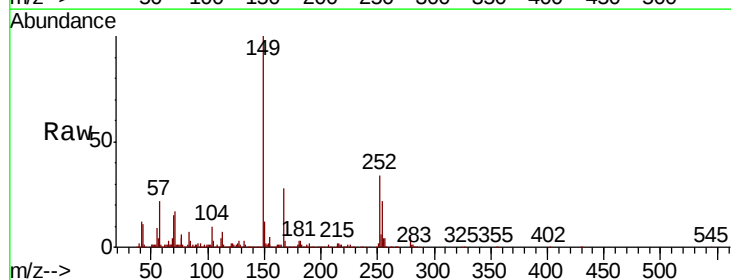
Tgt Ion:149 Resp: 569640

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

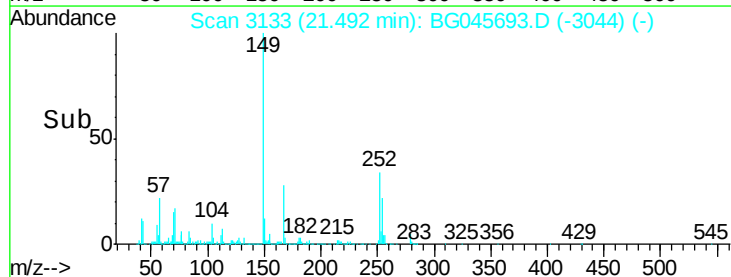
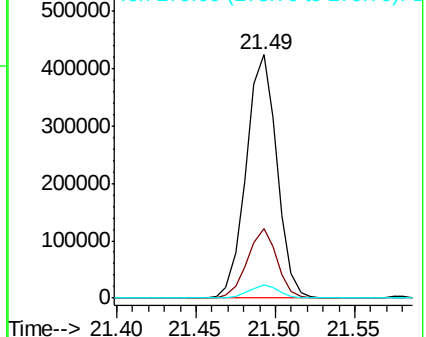
279 5.5 4.7 7.1

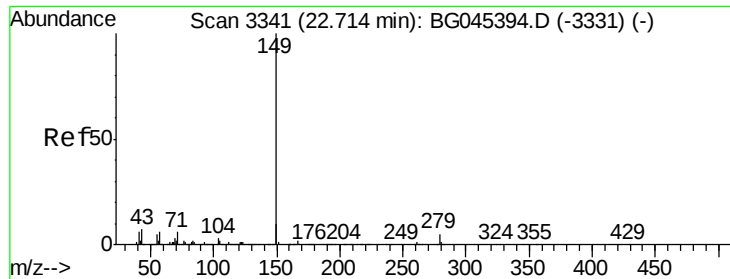


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.246 ng

RT: 22.67 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

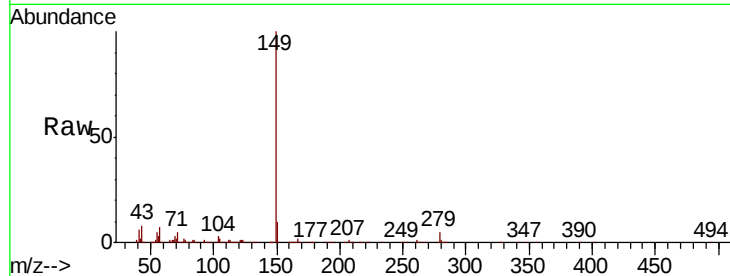
Tot Ion:149 Resp: 968797

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

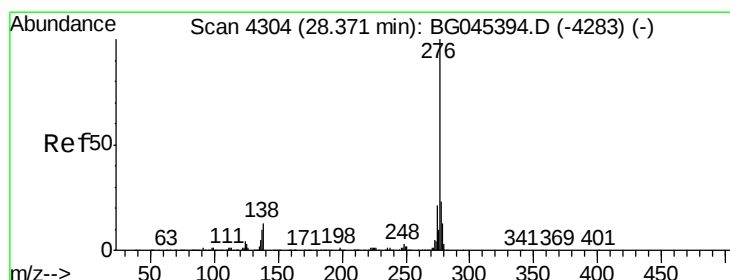
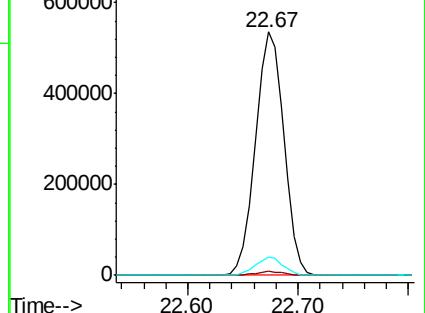
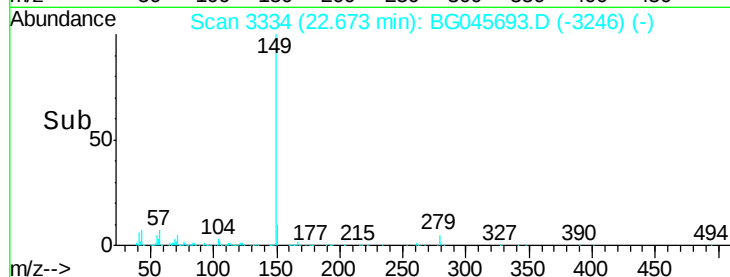
43 7.4 5.8 8.8



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: 53.759 ng

RT: 28.31 min Scan# 4294

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

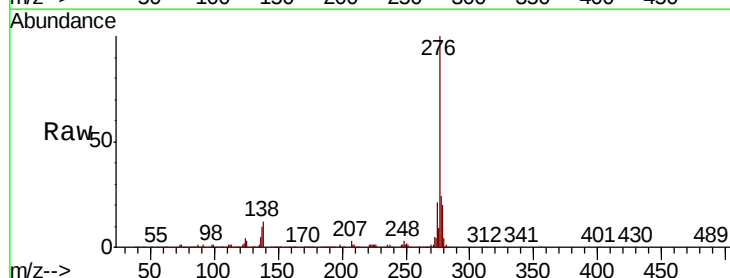
Tgt Ion:276 Resp: 1225440

Ion Ratio Lower Upper

276 100

138 14.3 8.6 12.8#

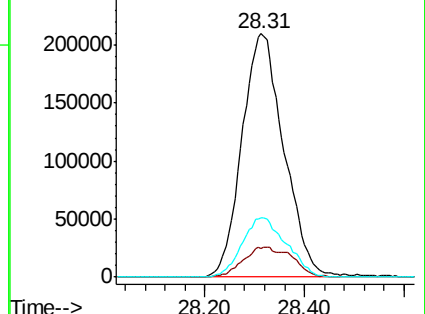
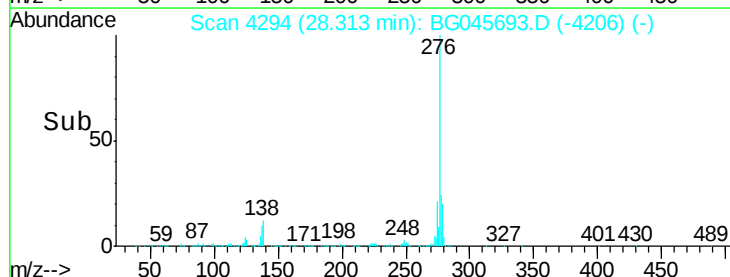
277 25.7 20.2 30.4

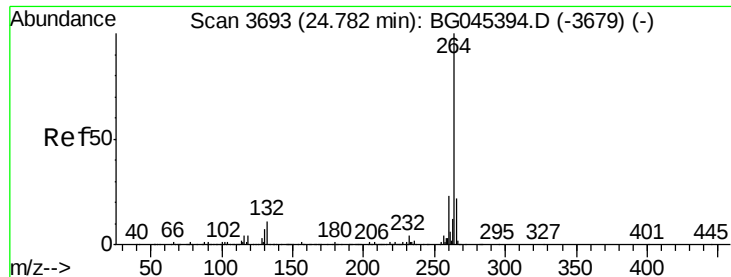


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

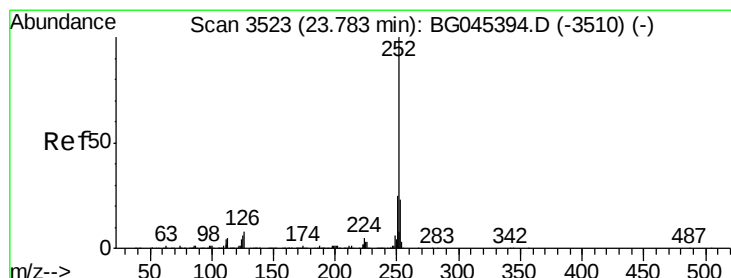
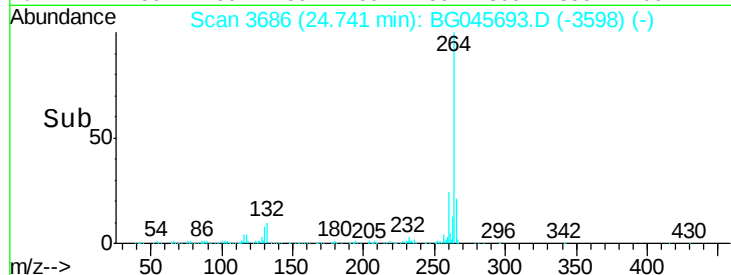
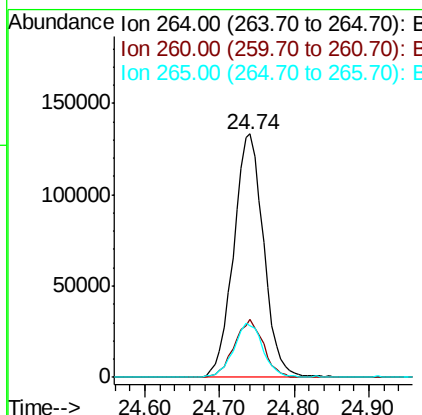
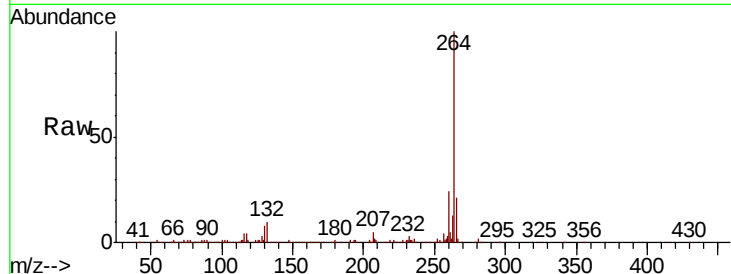




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

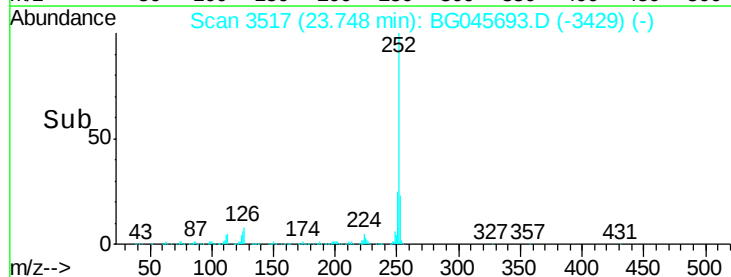
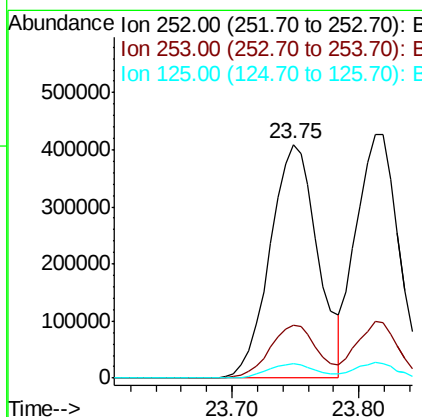
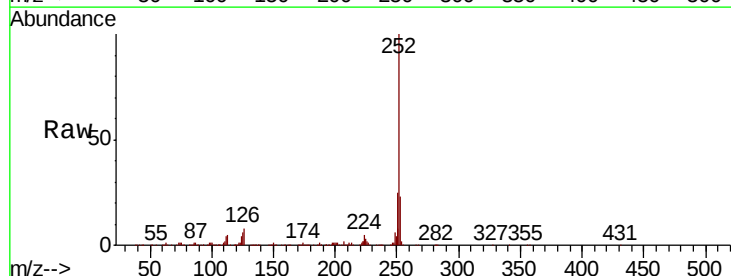
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.0	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 53.582 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.4	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 52.954 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

Instrument :

BNA_G

ClientSampleId :

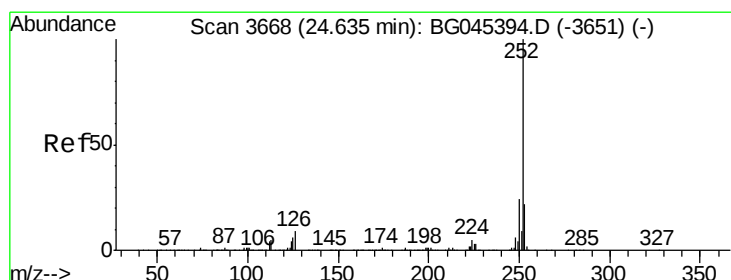
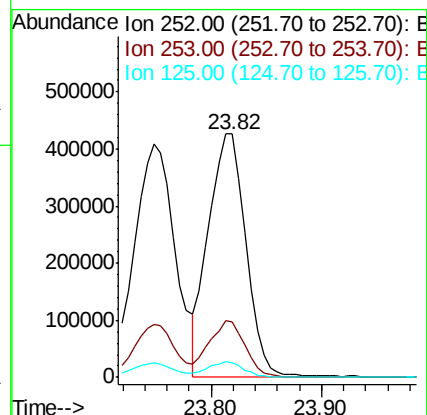
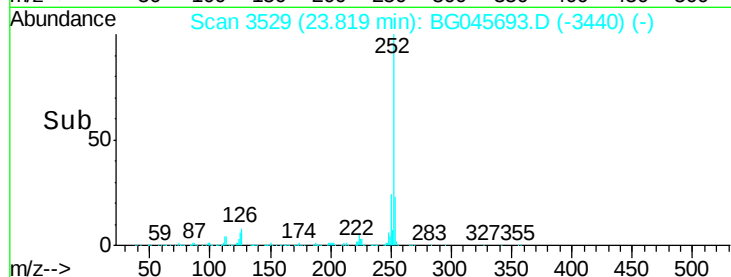
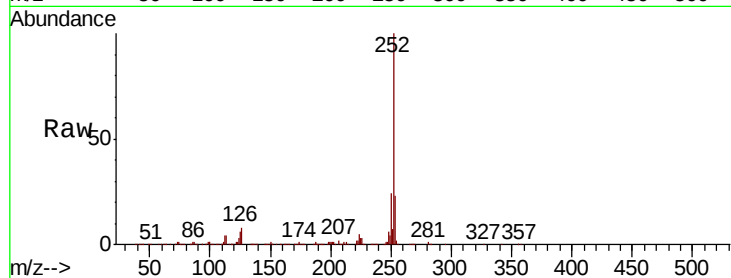
Tot Ion:252 Resp: 991706

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

125 6.1 5.7 8.5



#90

Benzo(a)pyrene

Concen: 51.699 ng

RT: 24.59 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045693.D

Acq: 10 Jun 2020 15:53

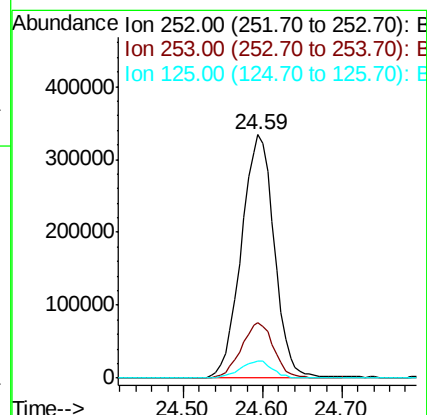
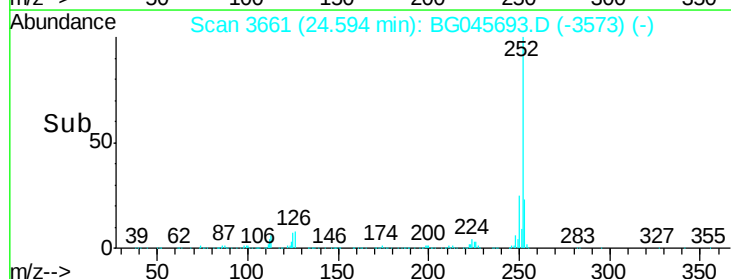
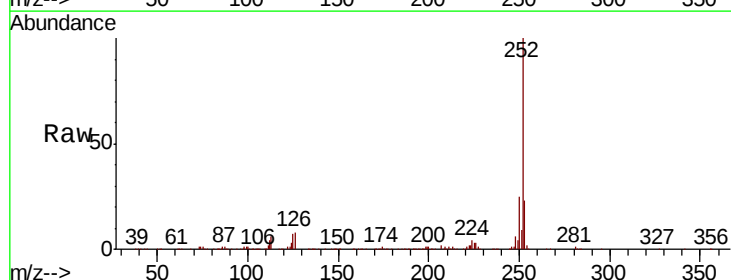
Tgt Ion:252 Resp: 959797

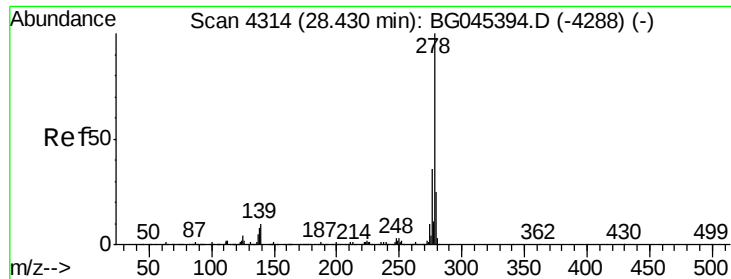
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 7.0 5.0 7.6

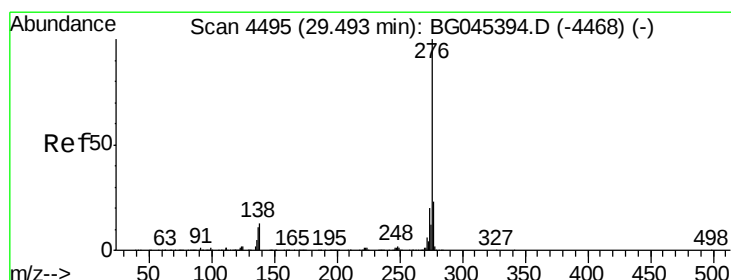
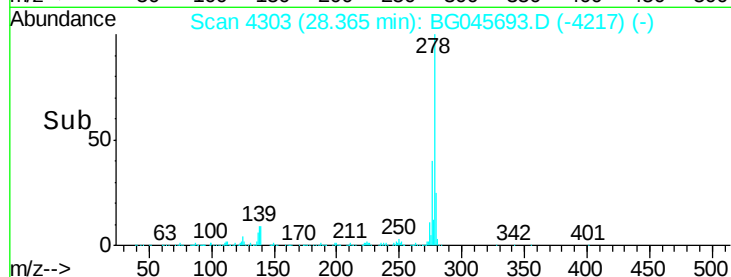
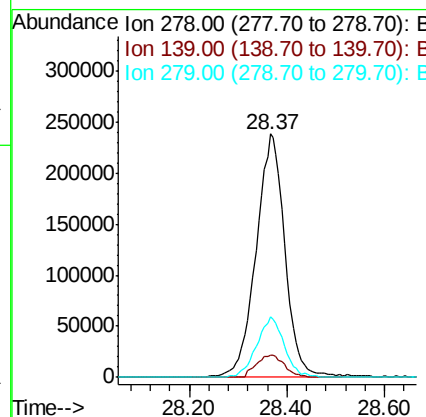
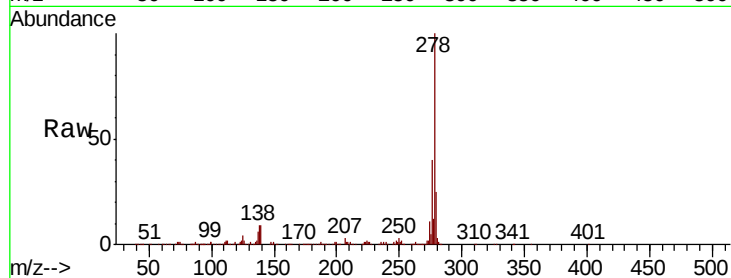




#91
Dibenzo(a,h)anthracene
Concen: 52.630 ng
RT: 28.37 min Scan# 4303
Delta R.T. -0.02 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.8	11.8
279	24.7	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 52.865 ng
RT: 29.42 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG045693.D
Acq: 10 Jun 2020 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.1	27.1
138	11.7	10.2	15.4

