

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045695.D
 Acq On : 10 Jun 2020 17:14
 Operator : CG/JU
 Sample : PB129455BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 18:22:08 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	51314	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	209574	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	158591	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	372839	20.00	ng	0.00
76) Chrysene-d12	21.60	240	347433	20.00	ng	0.00
87) Perylene-d12	24.74	264	379135	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	415828	158.37	ng	0.00
7) Phenol-d6	7.14	99	599419	160.39	ng	0.00
23) Nitrobenzene-d5	9.11	82	378134	98.39	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	288779	142.38	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	891432	95.34	ng	0.00
79) Terphenyl-d14	19.96	244	1508333	101.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	51104	39.249	ng	94
3) Pyridine	3.80	79	148196	40.867	ng	97
4) n-Nitrosodimethylamine	3.71	42	61795	52.076	ng	99
6) Aniline	7.27	93	210471	43.142	ng	98
8) 2-Chlorophenol	7.52	128	157762	54.790	ng	99
9) Benzaldehyde	7.08	77	111513	45.799	ng	98
10) Phenol	7.17	94	214852	55.782	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	141967	47.255	ng	96
12) 1,3-Dichlorobenzene	7.84	146	163905	47.368	ng	99
13) 1,4-Dichlorobenzene	7.98	146	165807	48.556	ng	98
14) 1,2-Dichlorobenzene	8.30	146	157627	47.993	ng	98
15) Benzyl Alcohol	8.19	79	165494	53.606	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	134953	47.323	ng	99
17) 2-Methylphenol	8.41	107	144712	50.196	ng	99
18) Hexachloroethane	9.03	117	64129	49.034	ng	99
19) n-Nitroso-di-n-propylamine	8.75	70	132778	51.379	ng	97
20) 3+4-Methylphenols	8.74	107	197418	50.287	ng	92
22) Acetophenone	8.77	105	237819	47.879	ng	# 98
24) Nitrobenzene	9.15	77	207809	50.469	ng	94
25) Isophorone	9.68	82	374077	49.424	ng	99
26) 2-Nitrophenol	9.86	139	89462	50.790	ng	94
27) 2,4-Dimethylphenol	9.94	122	146044	55.903	ng	95
28) bis(2-Chloroethoxy)methane	10.16	93	205717	51.827	ng	97
29) 2,4-Dichlorophenol	10.42	162	168251	54.538	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	180688	49.566	ng	98
31) Naphthalene	10.80	128	479031	49.051	ng	100
32) Benzoic acid	10.11	122	66683	39.716	ng	91
33) 4-Chloroaniline	10.92	127	128036	31.364	ng	97
34) Hexachlorobutadiene	11.10	225	122987	47.728	ng	99
35) Caprolactam	11.69	113	34604	30.559	ng	# 86
36) 4-Chloro-3-methylphenol	12.06	107	195371	56.201	ng	97
37) 2-Methylnaphthalene	12.41	142	378265	51.967	ng	97
38) 1-Methylnaphthalene	12.63	142	358073	52.076	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	210874	47.605	ng	98

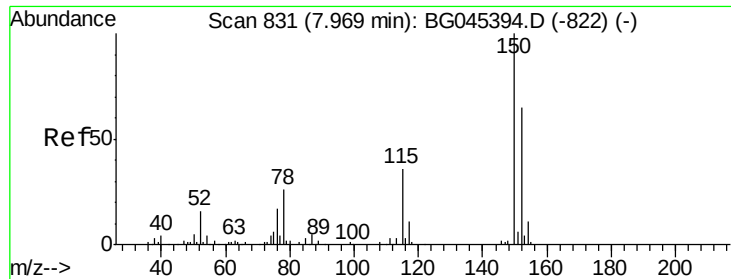
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045695.D
 Acq On : 10 Jun 2020 17:14
 Operator : CG/JU
 Sample : PB129455BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 10 18:22:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	267789	104.738	ng	97
43) 2,4,6-Trichlorophenol	13.03	196	148036	48.108	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	155815	44.311	ng	98
46) 1,1'-Biphenyl	13.42	154	483496	49.616	ng	98
47) 2-Chloronaphthalene	13.46	162	370143	46.776	ng	100
48) 2-Nitroaniline	13.67	65	128357	49.312	ng	98
49) Acenaphthylene	14.31	152	613286	48.251	ng	99
50) Dimethylphthalate	14.05	163	524068	48.171	ng	99
51) 2,6-Dinitrotoluene	14.16	165	117880	48.018	ng	99
52) Acenaphthene	14.66	154	371629	43.680	ng	96
53) 3-Nitroaniline	14.50	138	81212	32.543	ng	98
54) 2,4-Dinitrophenol	14.71	184	132419	82.184	ng	95
55) Dibenzofuran	14.99	168	601739	47.626	ng	98
56) 4-Nitrophenol	14.84	139	152714	80.829	ng	86
57) 2,4-Dinitrotoluene	14.96	165	165857	46.650	ng	97
58) Fluorene	15.64	166	506881	48.833	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	147762	47.763	ng	97
60) Diethylphthalate	15.42	149	532215	47.001	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	283968	47.808	ng	97
62) 4-Nitroaniline	15.67	138	116269	44.629	ng	93
63) Azobenzene	15.93	77	517754	49.037	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	103585	47.704	ng	96
66) n-Nitrosodiphenylamine	15.85	169	448639	50.117	ng	96
67) 4-Bromophenyl-phenylether	16.53	248	193159	47.844	ng	94
68) Hexachlorobenzene	16.65	284	212285	50.273	ng	99
69) Atrazine	16.80	200	174823	47.414	ng	98
70) Pentachlorophenol	17.00	266	190176	86.737	ng	96
71) Phenanthrene	17.38	178	812024	49.889	ng	99
72) Anthracene	17.47	178	825104	50.479	ng	98
73) Carbazole	17.75	167	753209	47.274	ng	98
74) Di-n-butylphthalate	18.31	149	907097	47.434	ng	100
75) Fluoranthene	19.39	202	1011828	48.874	ng	100
77) Benzidine	19.57	184	539279	55.266	ng	99
78) Pyrene	19.76	202	986153	49.793	ng	99
80) Butylbenzylphthalate	20.64	149	398388	46.603	ng	98
81) Benzo(a)anthracene	21.58	228	950054	49.087	ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	273343	36.004	ng	97
83) Chrysene	21.64	228	916204	49.232	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	565623	48.134	ng	98
85) Di-n-octyl phthalate	22.67	149	952067	47.172	ng	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1192969	49.021	ng	# 96
88) Benzo(b)fluoranthene	23.75	252	1053830	51.827	ng	99
89) Benzo(k)fluoranthene	23.81	252	991425	51.899	ng	98
90) Benzo(a)pyrene	24.59	252	950089	50.171	ng	98
91) Dibenzo(a,h)anthracene	28.36	278	965497	50.736	ng	98
92) Benzo(g,h,i)perylene	29.42	276	973018	51.124	ng	96

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

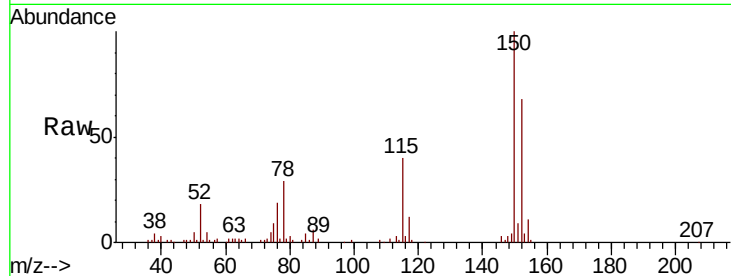


#1

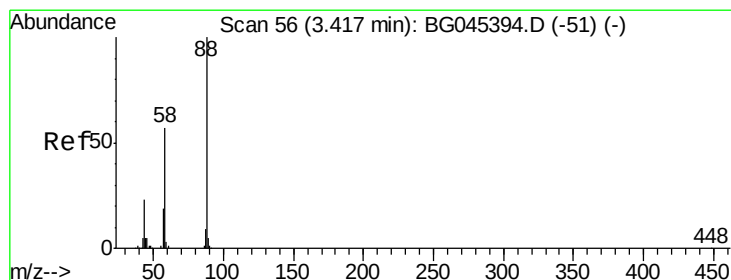
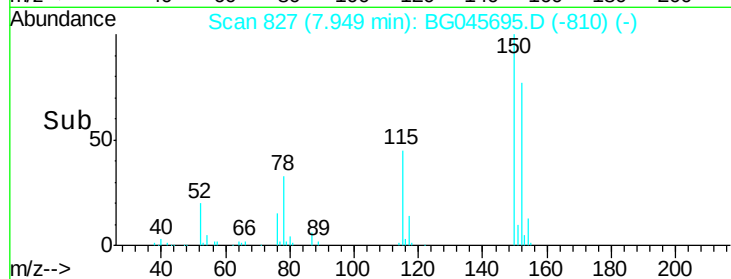
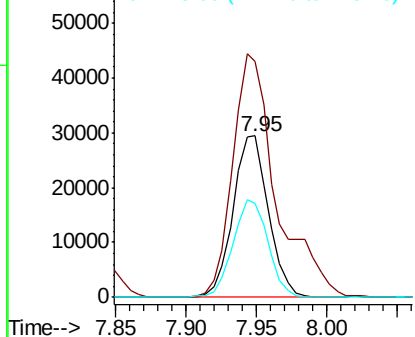
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51314
Ion Ratio Lower Upper
152 100
150 146.2 122.4 183.6
115 58.5 44.2 66.4



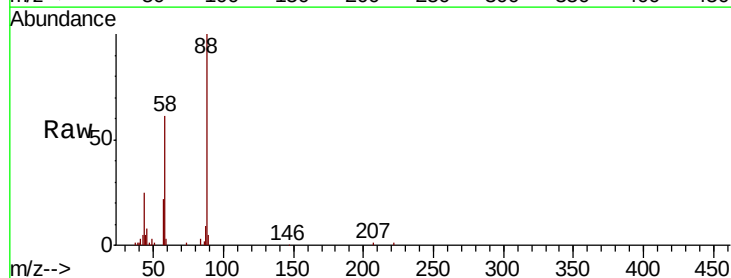
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



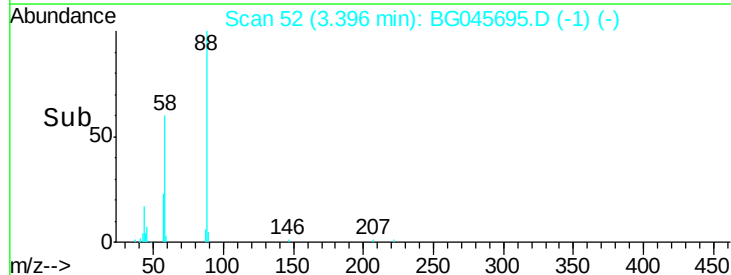
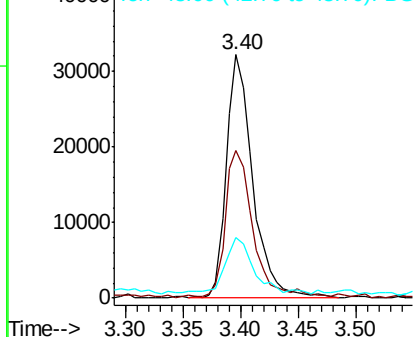
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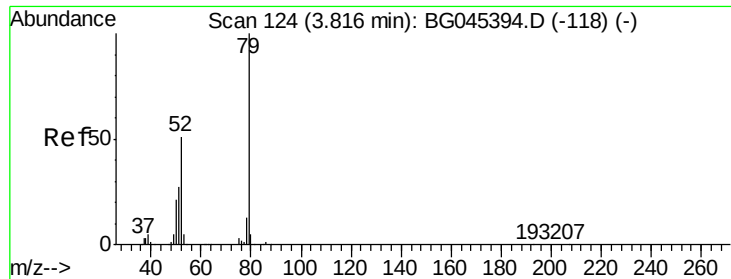
1,4-Dioxane
Concen: 39.249 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion: 88 Resp: 51104
Ion Ratio Lower Upper
88 100
58 62.2 45.7 68.5
43 23.3 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



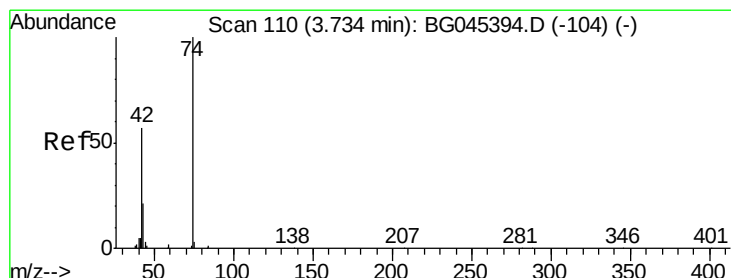
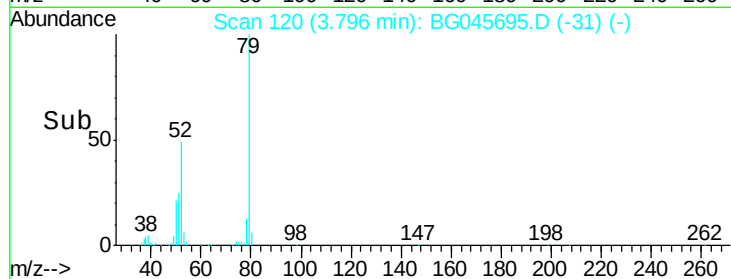
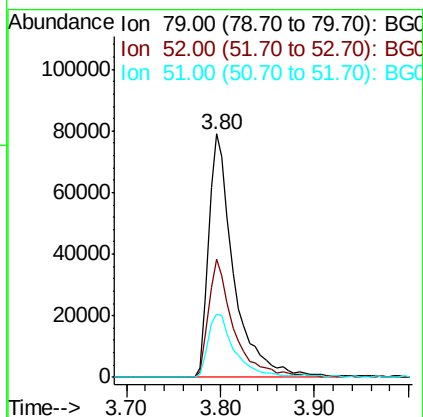
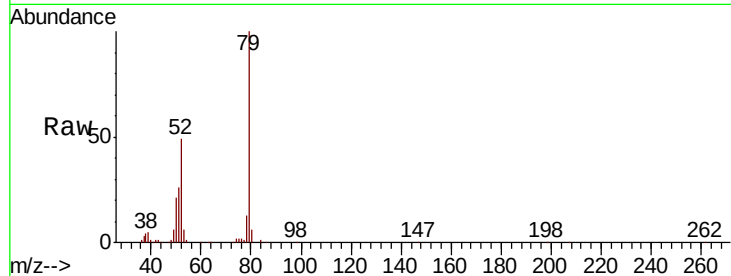


#3
 Pvridine
 Concen: 40.867 ng
 RT: 3.80 min Scan# 120
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 79 Resp: 148196

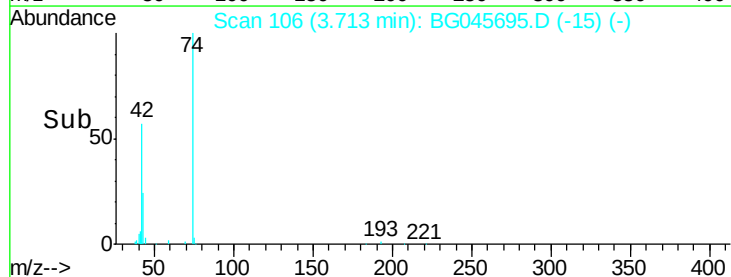
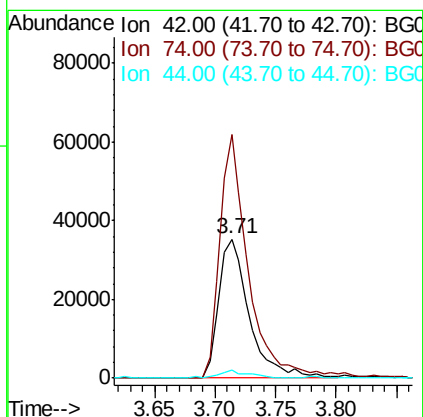
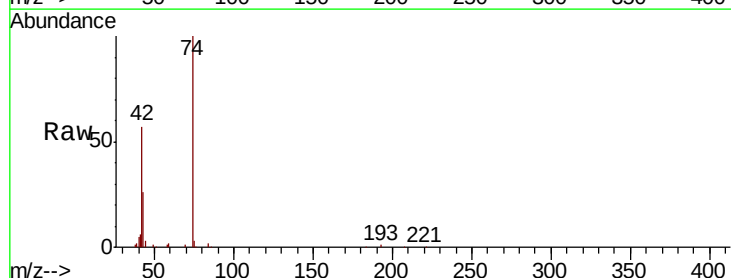
Ion	Ratio	Lower	Upper
79	100		
52	48.5	40.8	61.2
51	25.7	21.9	32.9

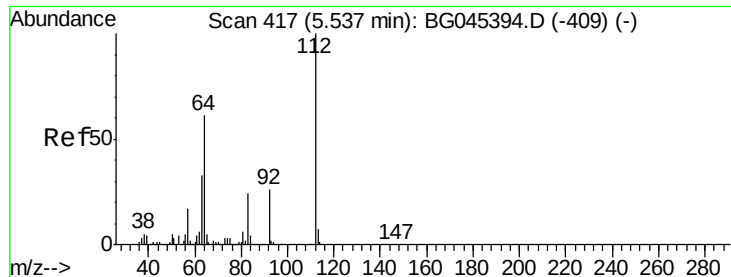


#4
 n-Nitrosodimethylamine
 Concen: 52.076 ng
 RT: 3.71 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion: 42 Resp: 61795

Ion	Ratio	Lower	Upper
42	100		
74	175.1	141.3	211.9
44	5.5	4.2	6.4





#5

2-Fluorophenol

Concen: 158.368 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

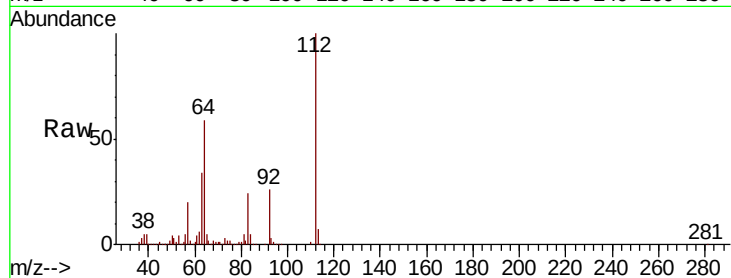
Tot Ion:112 Resp: 415828

Ion Ratio Lower Upper

112 100

64 59.4 48.6 72.8

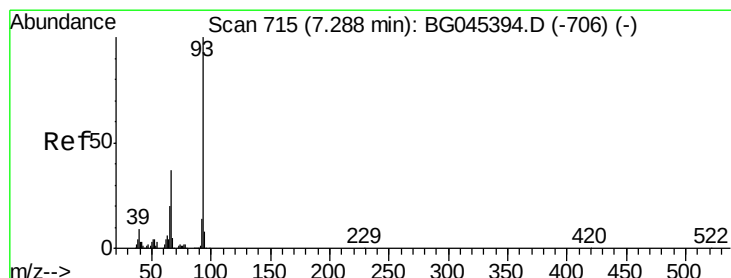
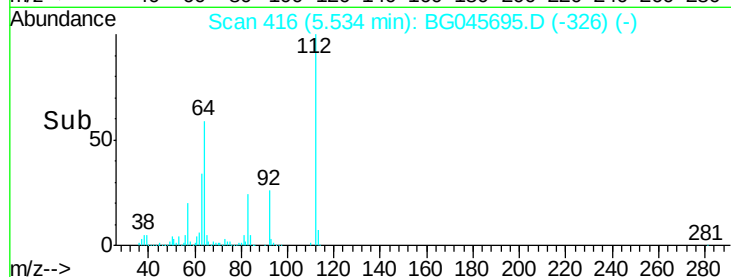
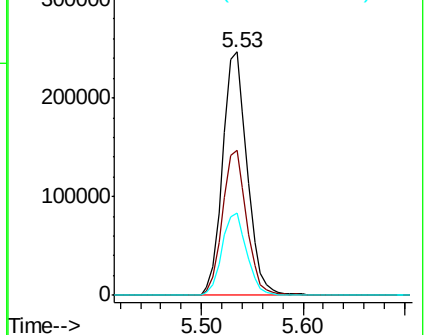
63 34.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.142 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

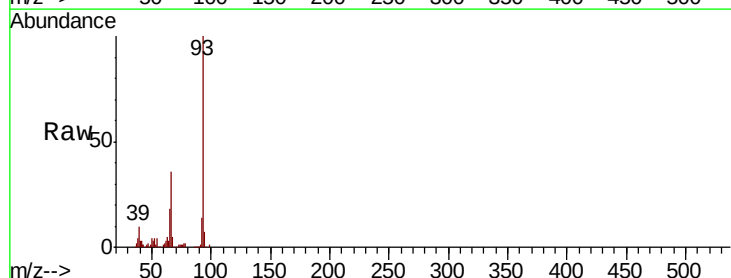
Tgt Ion: 93 Resp: 210471

Ion Ratio Lower Upper

93 100

66 36.5 29.6 44.4

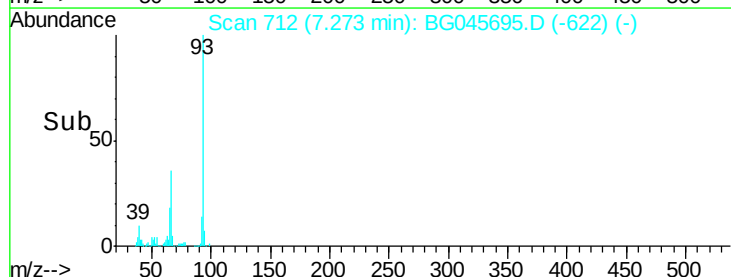
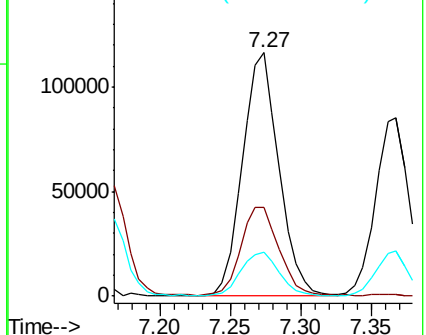
65 17.8 15.9 23.9

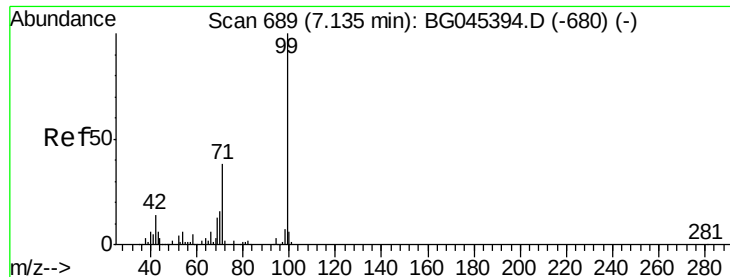


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 160.394 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampled :

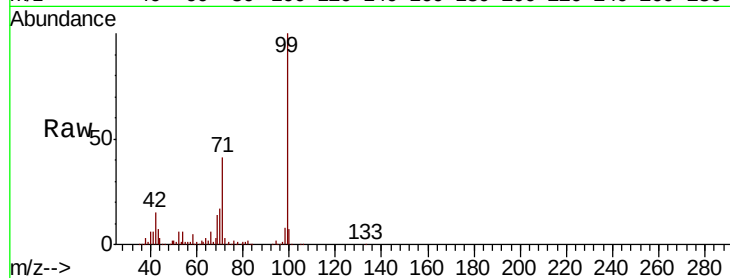
Tot Ion: 99 Resp: 599419

Ion Ratio Lower Upper

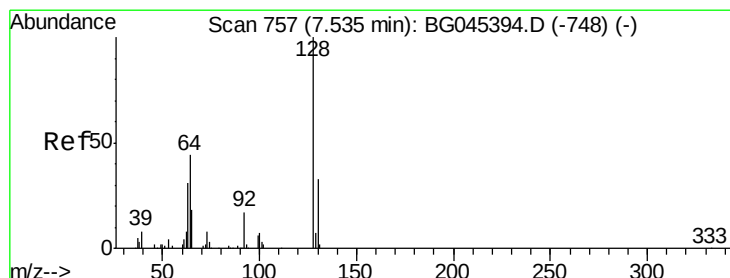
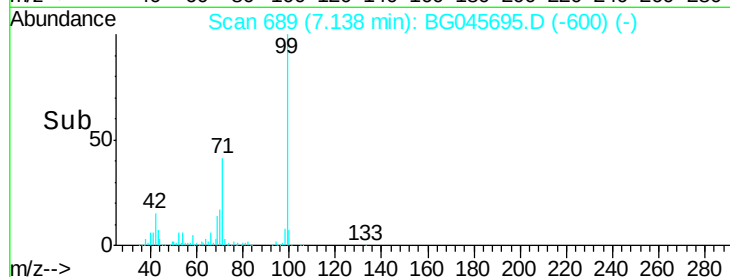
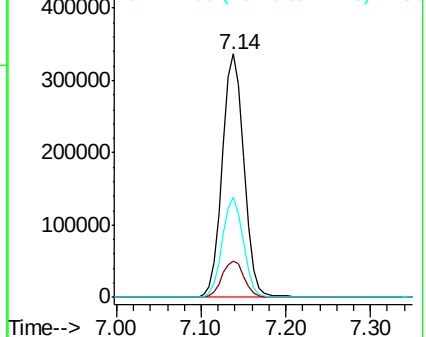
99 100

42 15.0 11.3 16.9

71 41.0 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: 54.790 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

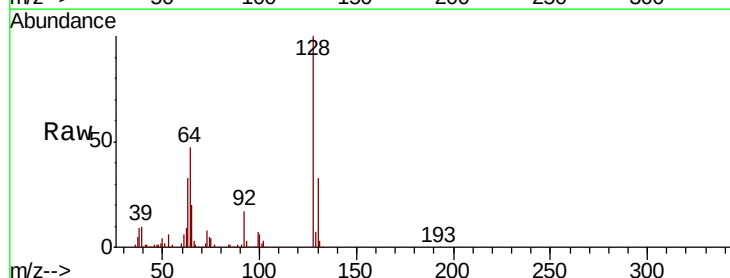
Tgt Ion: 128 Resp: 157762

Ion Ratio Lower Upper

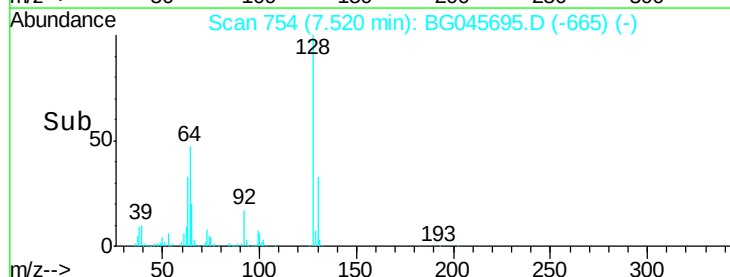
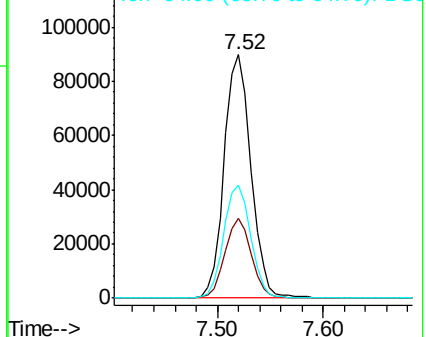
128 100

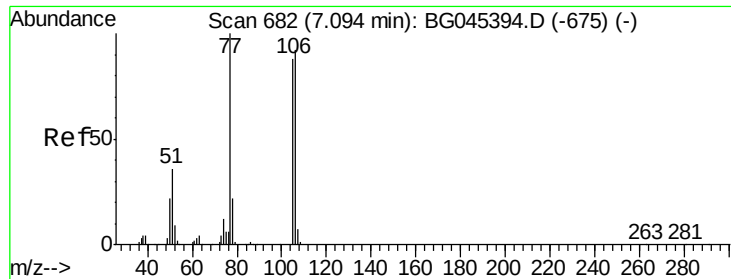
130 33.0 12.6 52.6

64 46.6 27.0 67.0



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





#9

Benzaldehyde

Concen: 45.799 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

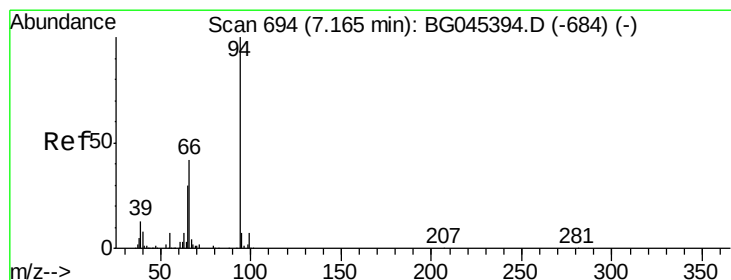
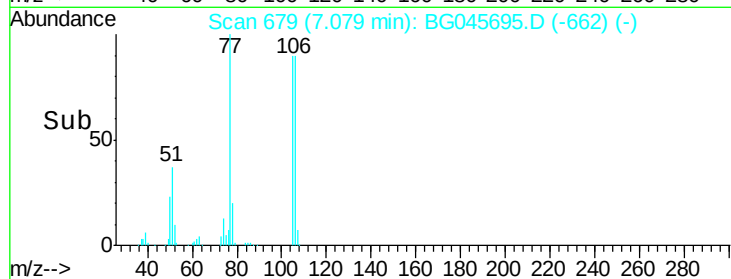
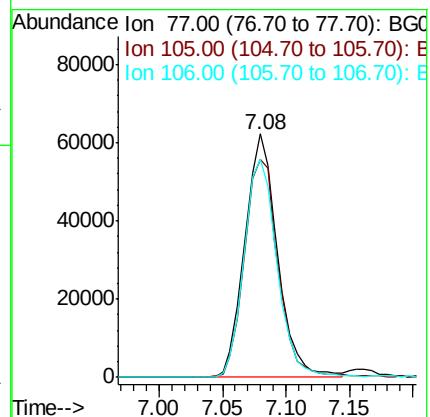
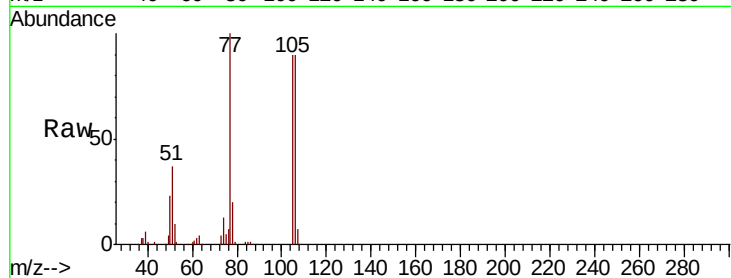
Tot Ion: 77 Resp: 111513

Ion Ratio Lower Upper

77 100

105 89.7 68.5 108.5

106 89.7 71.6 111.6



#10

Phenol

Concen: 55.782 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

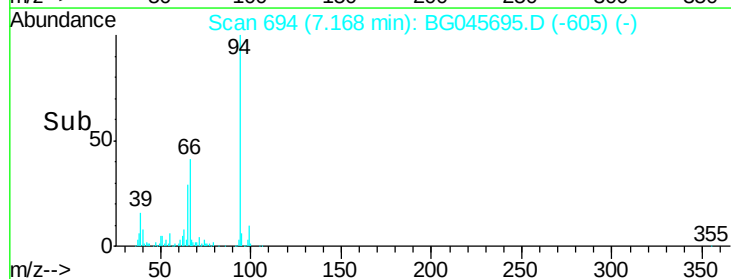
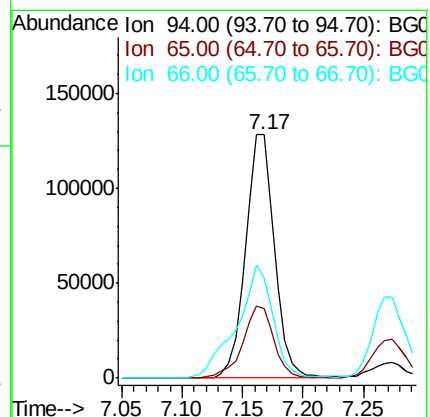
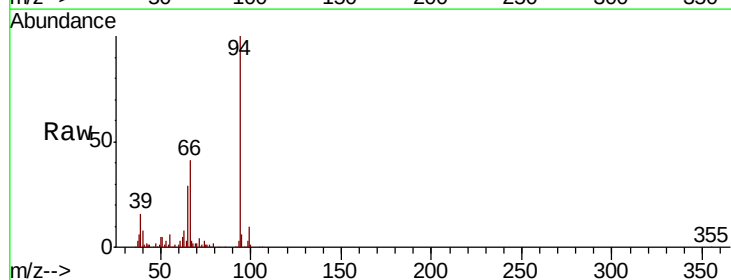
Tgt Ion: 94 Resp: 214852

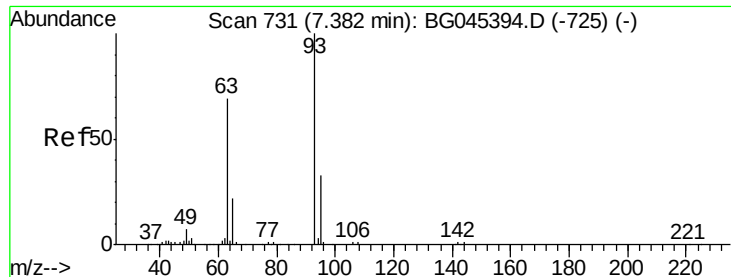
Ion Ratio Lower Upper

94 100

65 28.6 9.8 49.8

66 41.2 22.0 62.0

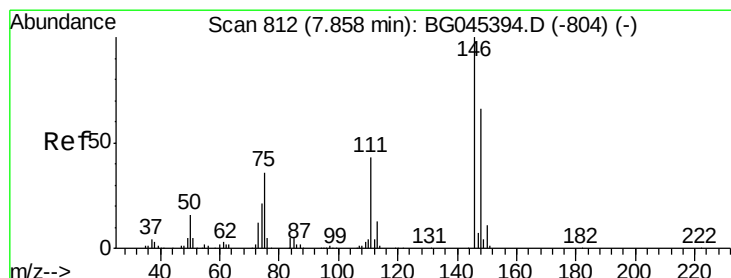
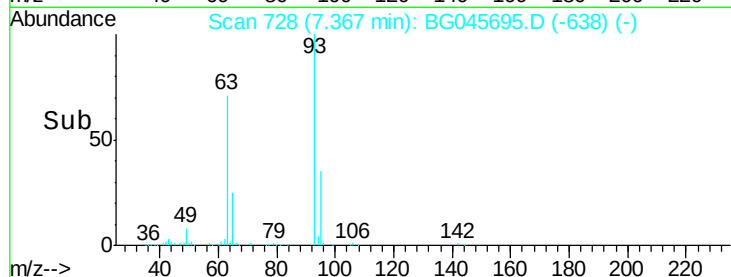
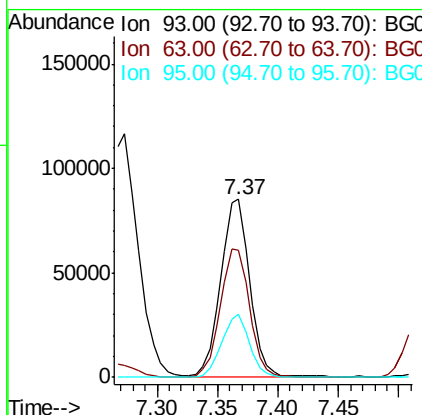
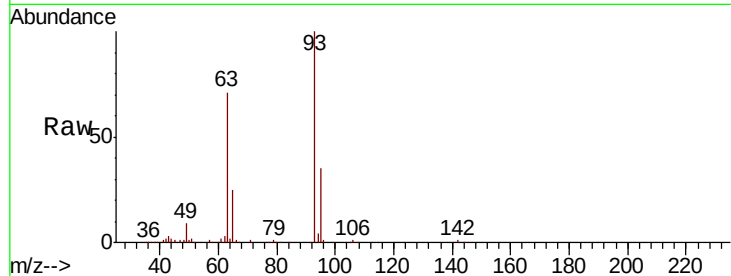




#11
bis(2-Chloroethyl)ether
Concen: 47.255 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

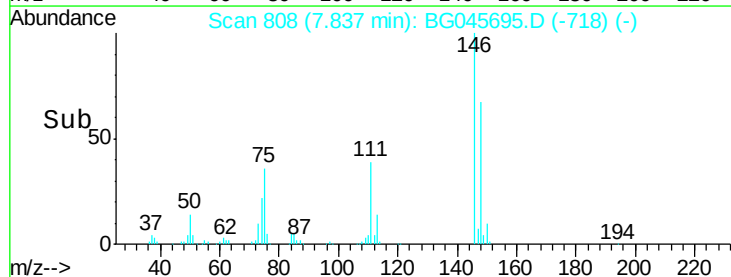
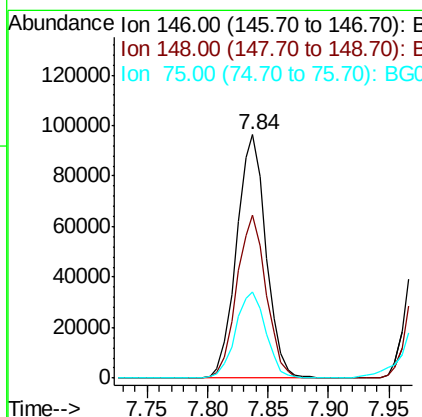
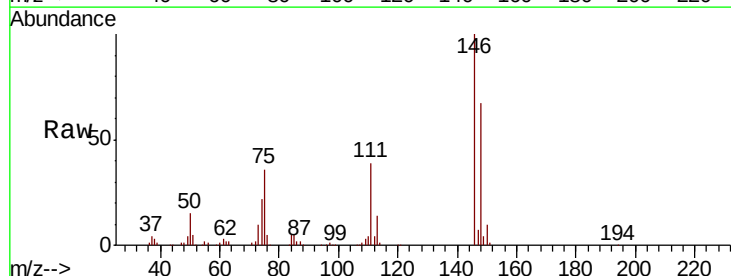
Instrument :
BNA_G
ClientSampleId :

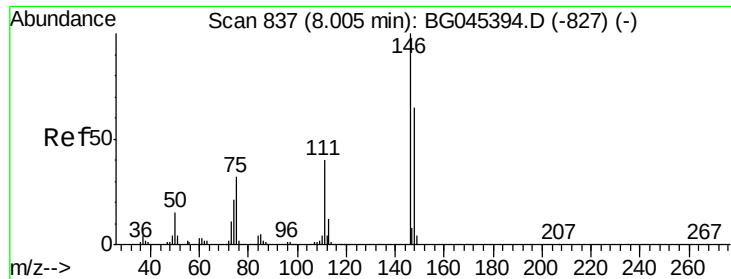
Tot Ion	93	Resp	141967
Ion	Ratio	Lower	Upper
93	100		
63	71.3	48.4	88.4
95	35.3	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 47.368 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion	146	Resp	163905
Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.2	79.8
75	35.5	28.6	43.0

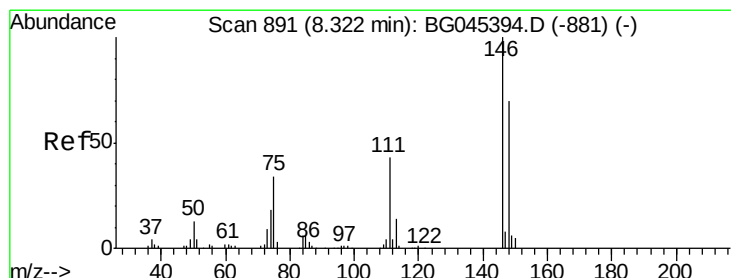
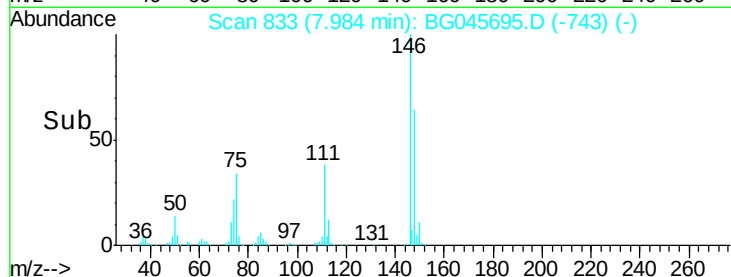
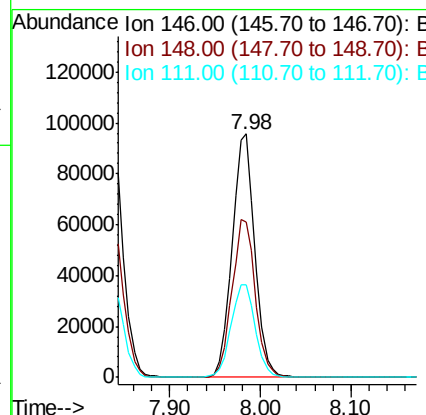
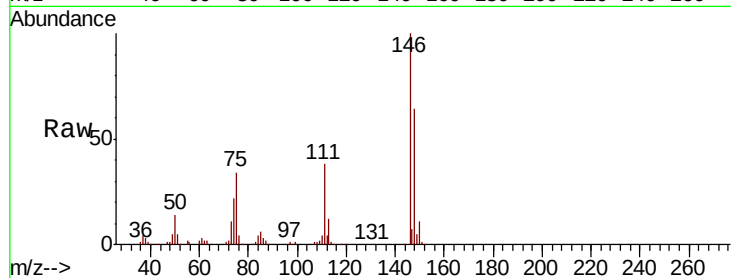




#13
 1,4-Dichlorobenzene
 Concen: 48.556 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

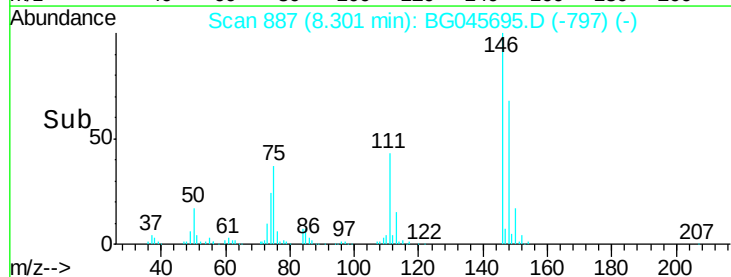
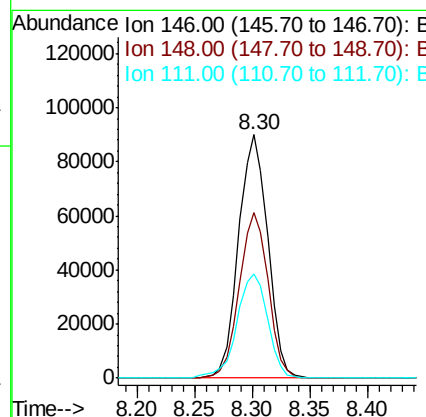
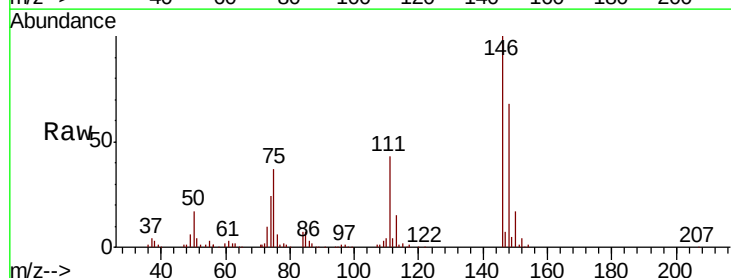
Instrument :
 BNA_G
 ClientSampleId :

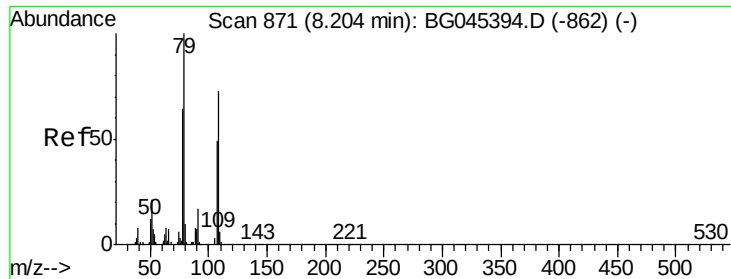
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
111	38.1	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 47.993 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	55.9	83.9
111	42.7	35.0	52.4





#15

Benzyl Alcohol

Concen: 53.606 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

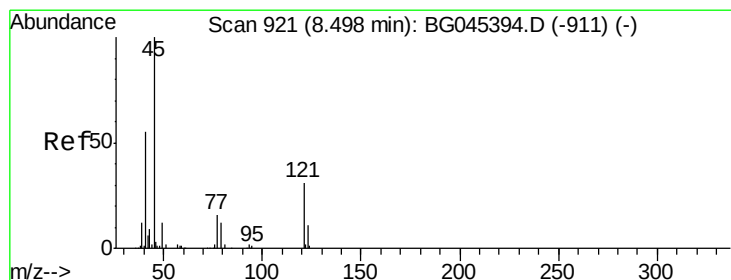
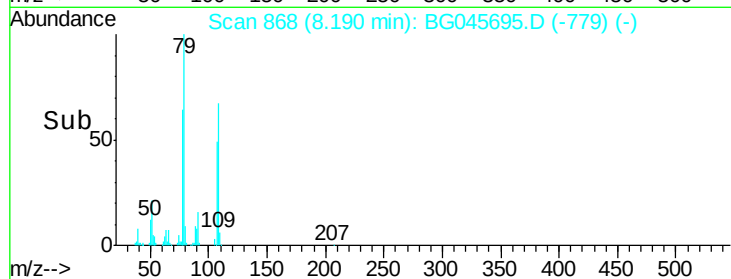
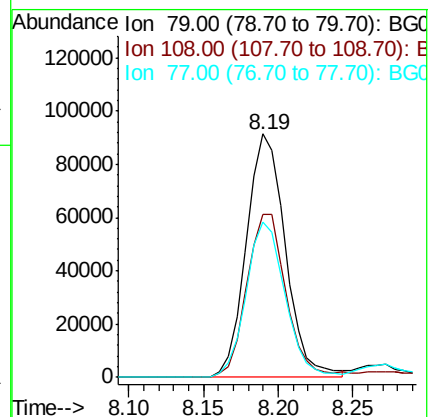
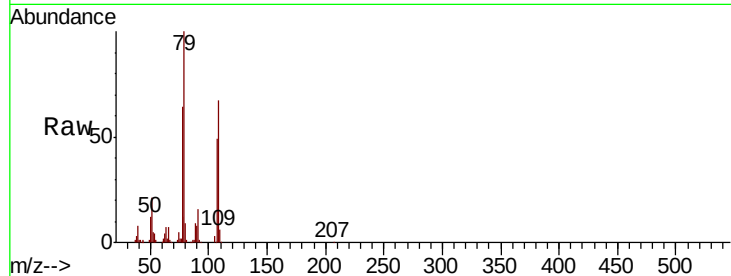
Tot Ion: 79 Resp: 165494

Ion Ratio Lower Upper

79 100

108 67.0 58.2 87.4

77 63.9 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.323 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

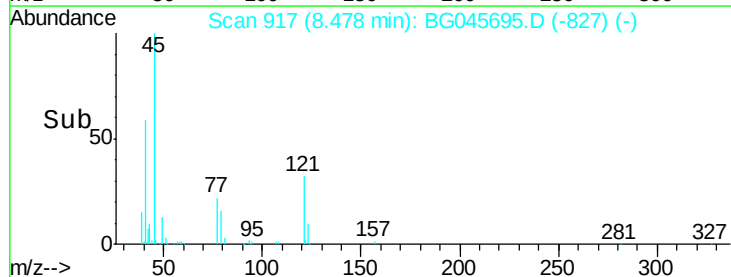
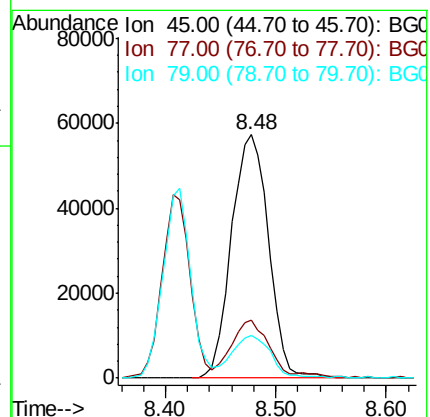
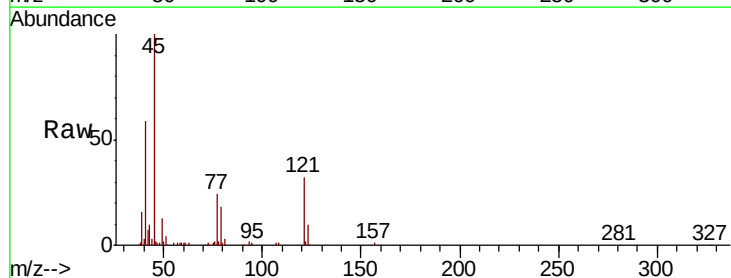
Tgt Ion: 45 Resp: 134953

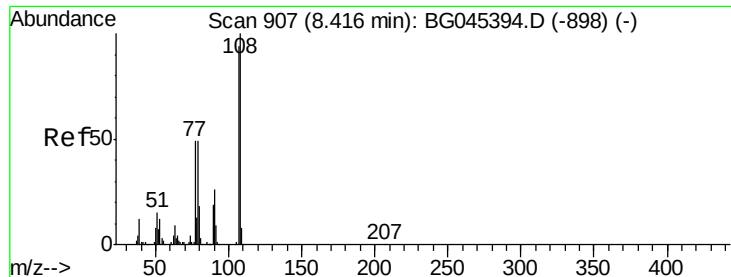
Ion Ratio Lower Upper

45 100

77 23.6 4.0 44.0

79 17.7 0.0 38.6





#17

2-Methylphenol

Concen: 50.196 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 144712

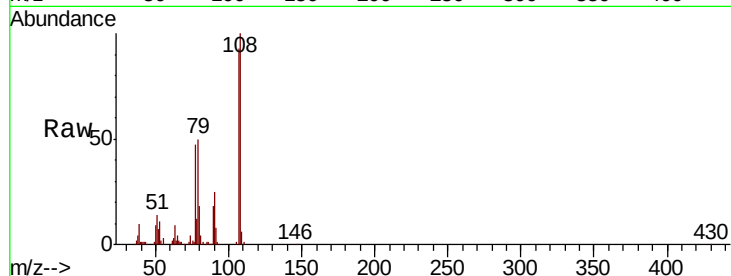
Ion Ratio Lower Upper

107 100

108 107.4 85.2 127.8

77 50.8 41.6 62.4

79 53.8 41.8 62.8

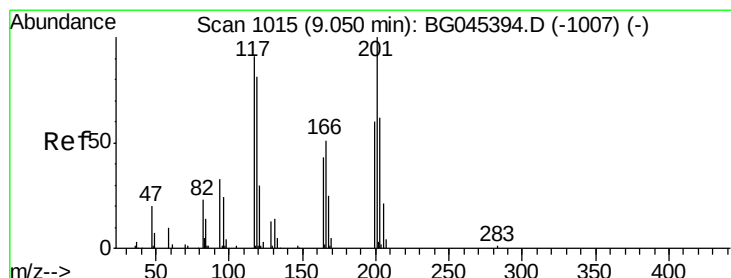
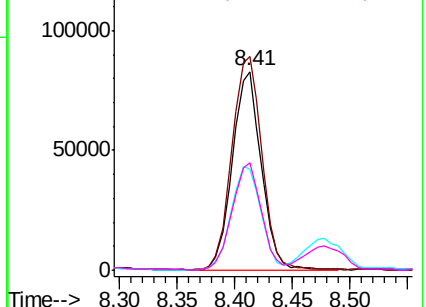
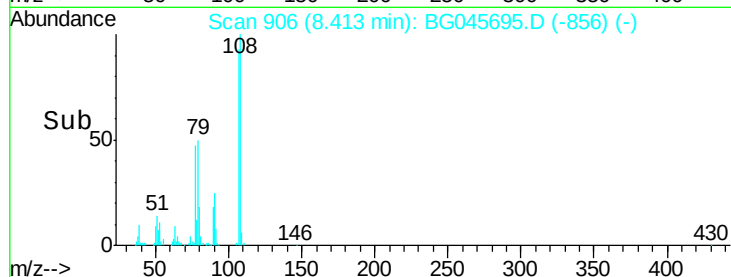


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 49.034 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

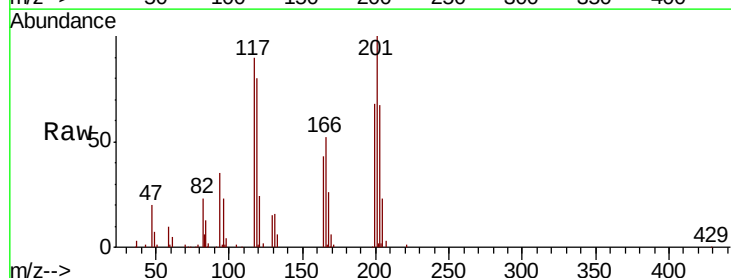
Tgt Ion:117 Resp: 64129

Ion Ratio Lower Upper

117 100

119 89.0 71.3 106.9

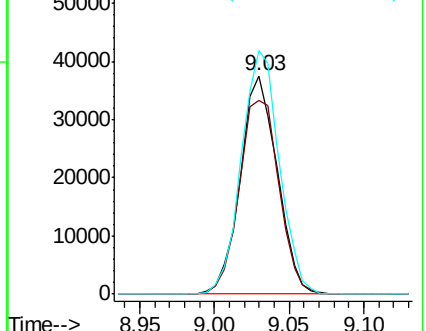
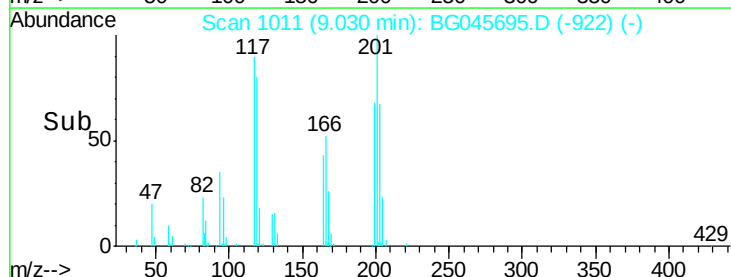
201 111.6 87.5 131.3

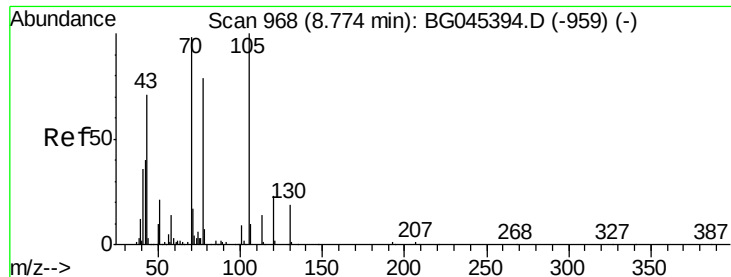


Abundance Ion 117.00 (116.70 to 117.70): E

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: 51.379 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

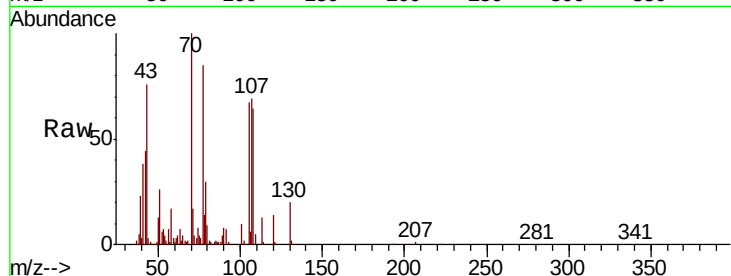
Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 132778

Ion	Ratio	Lower	Upper
70	100		
42	44.0	33.2	49.8
101	10.4	7.8	11.6
130	20.1	15.4	23.2



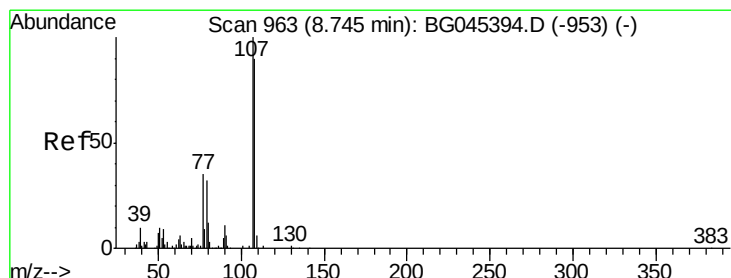
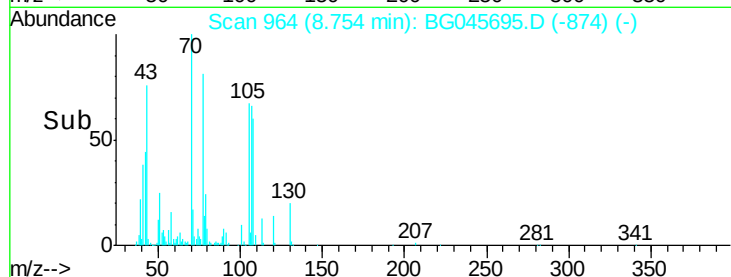
Abundance

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: 50.287 ng

RT: 8.74 min Scan# 962

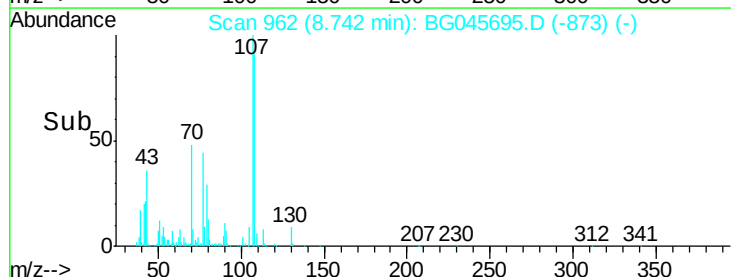
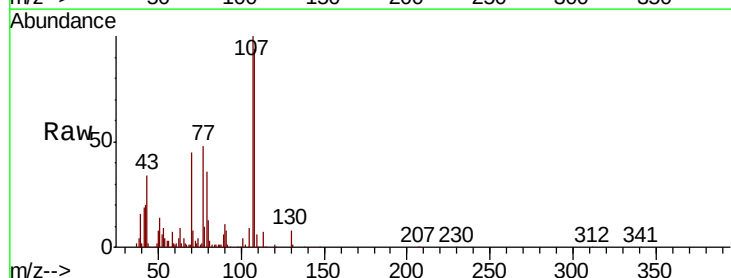
Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Tgt Ion: 107 Resp: 197418

Ion	Ratio	Lower	Upper
107	100		
108	93.7	70.3	110.3
77	48.1	15.4	55.4
79	35.8	12.6	52.6



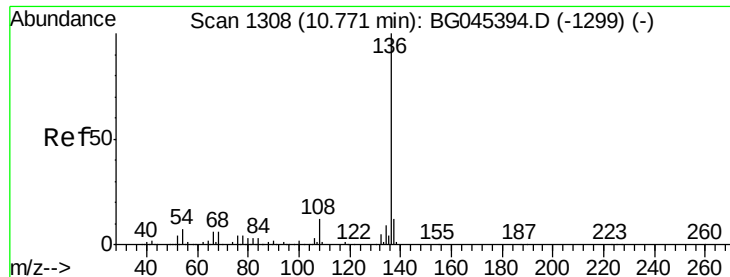
Abundance

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

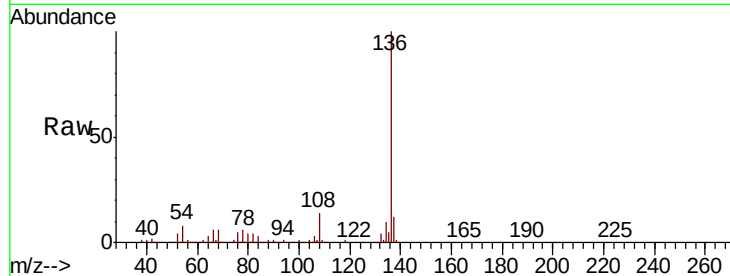
Ion 79.00 (78.70 to 79.70): BGC



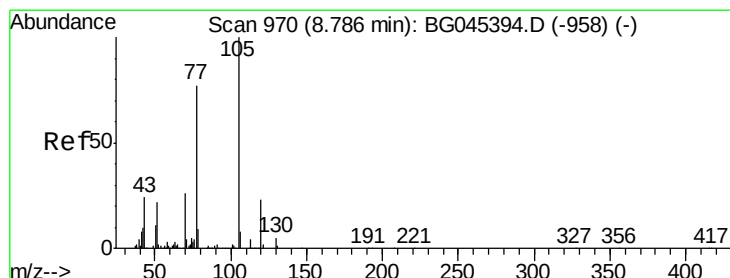
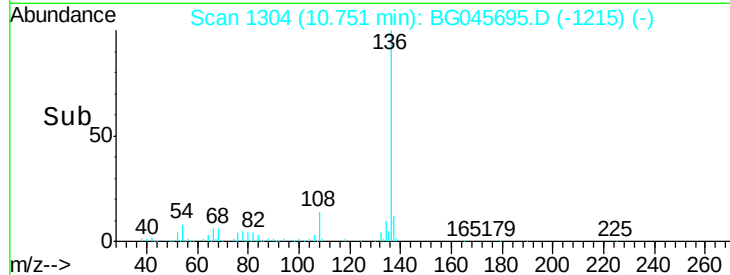
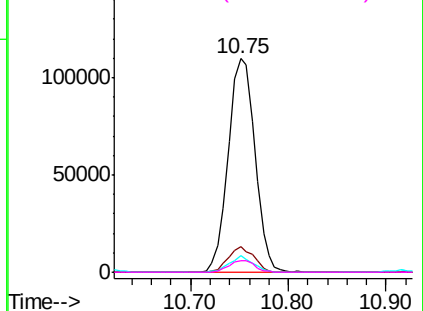
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	209574
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.4 14.2
54	7.5	5.8 8.6
68	5.6	4.5 6.7

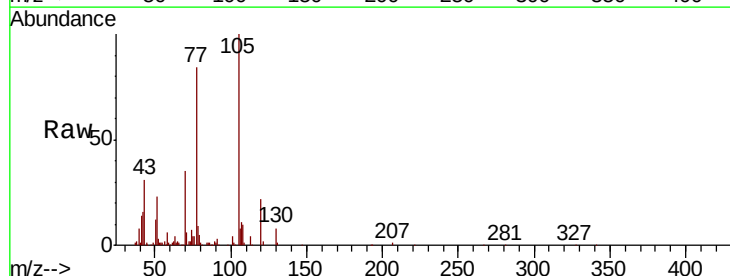


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

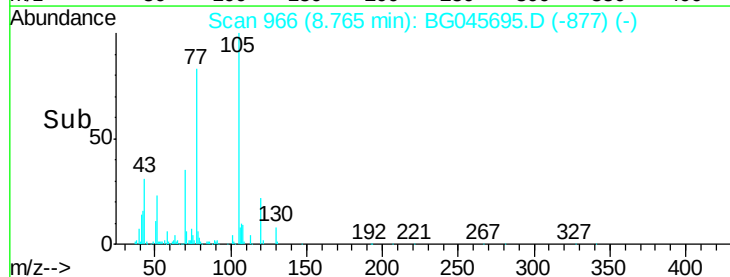
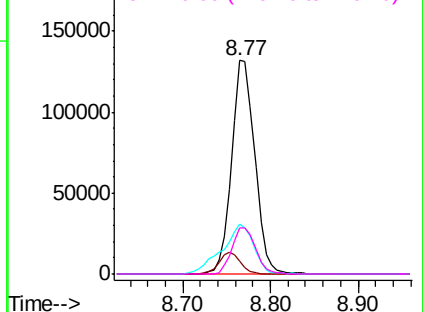


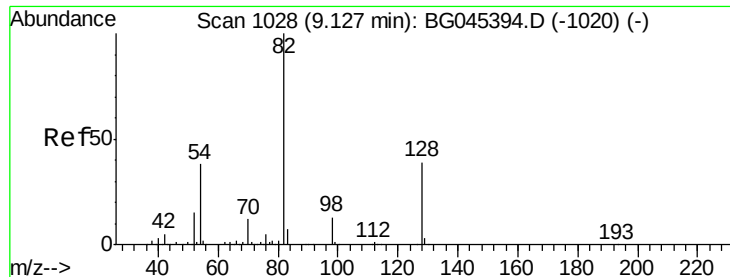
#22
Acetophenone
Concen: 47.879 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion:105	Resp:	237819
Ion	Ratio	Lower Upper
105	100	
71	5.8	3.4 5.0#
51	23.3	18.2 27.2
120	21.6	18.6 27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

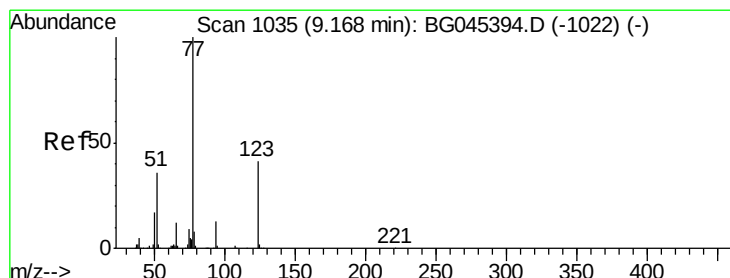
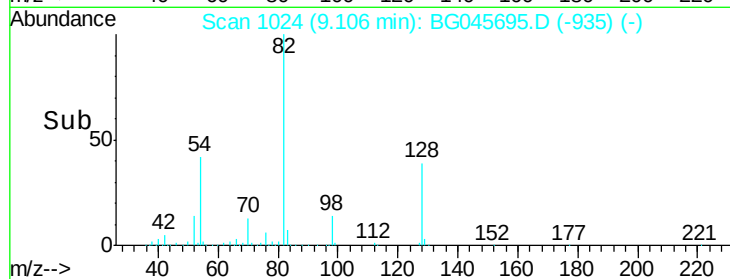
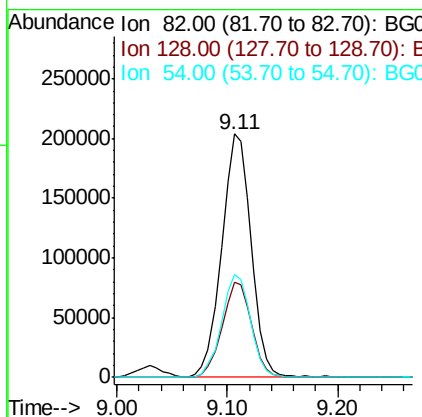
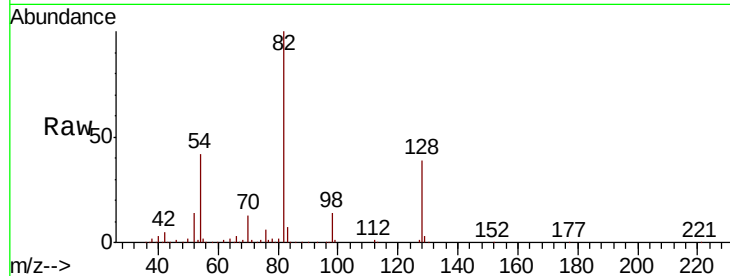




#23
 Nitrobenzene-d5
 Concen: 98.391 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

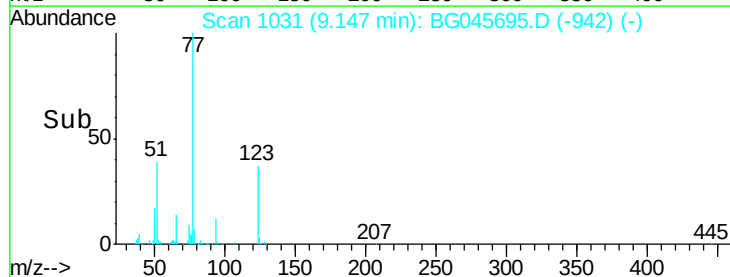
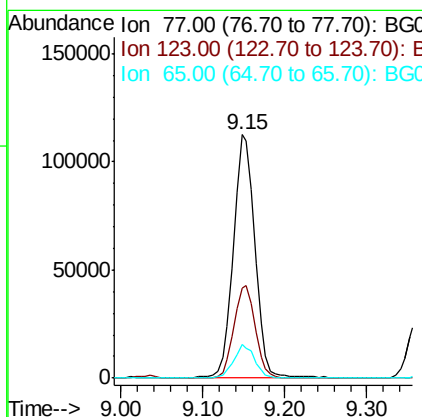
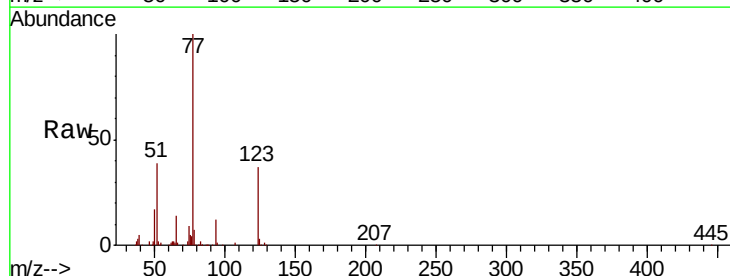
Instrument :
 BNA_G
 ClientSampleId :

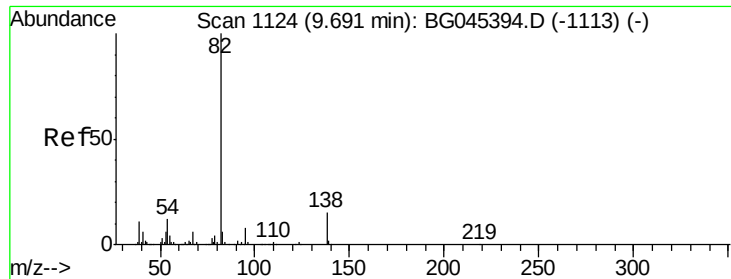
Tot Ion	82	Resp	378134
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.9	46.3
54	42.1	30.3	45.5



#24
 Nitrobenzene
 Concen: 50.469 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion	77	Resp	207809
Ion Ratio	Lower	Upper	
77	100		
123	36.8	32.9	49.3
65	13.6	9.4	14.2





#25

Isophorone

Concen: 49.424 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

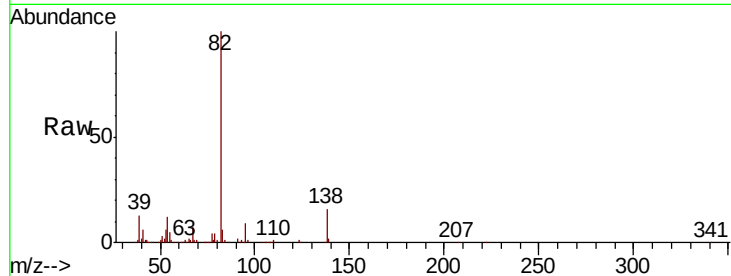
Tot Ion: 82 Resp: 374077

Ion Ratio Lower Upper

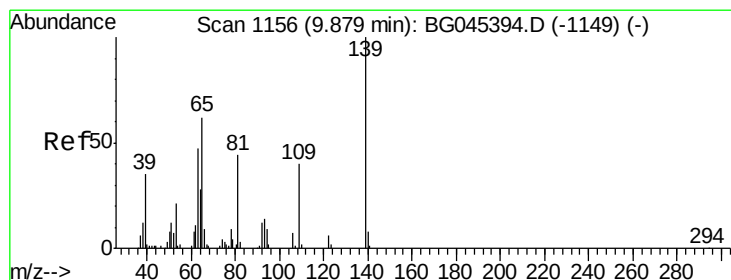
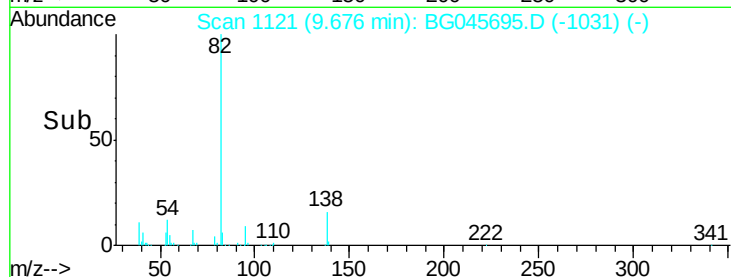
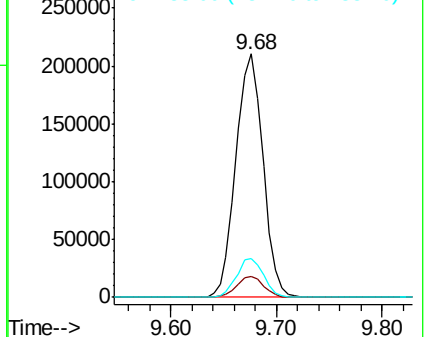
82 100

95 8.7 6.7 10.1

138 16.1 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: 50.790 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

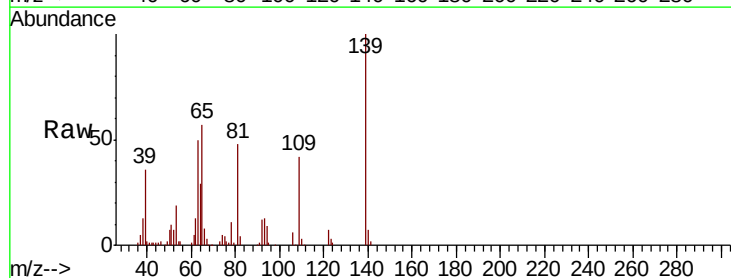
Tgt Ion: 139 Resp: 89462

Ion Ratio Lower Upper

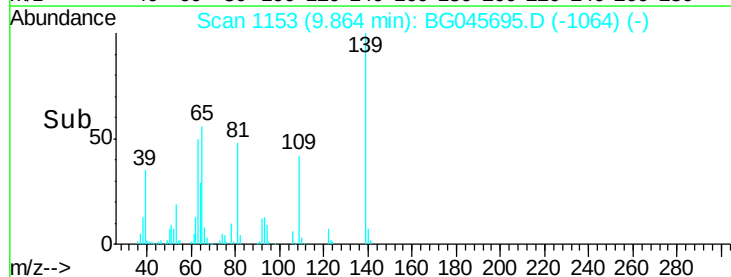
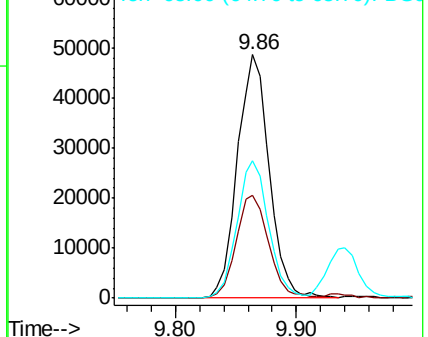
139 100

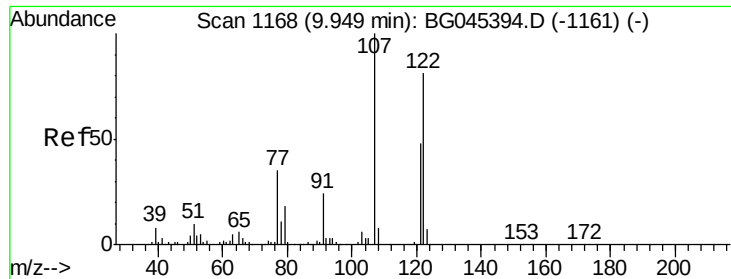
109 42.3 32.2 48.4

65 56.5 49.6 74.4



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

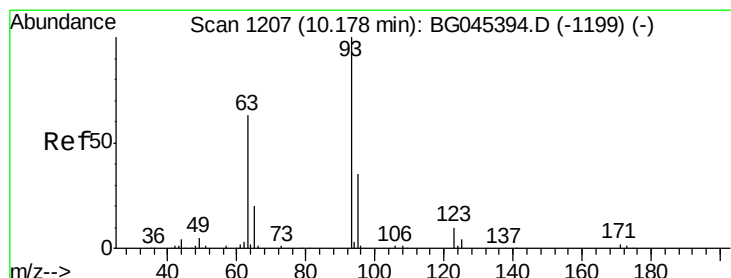
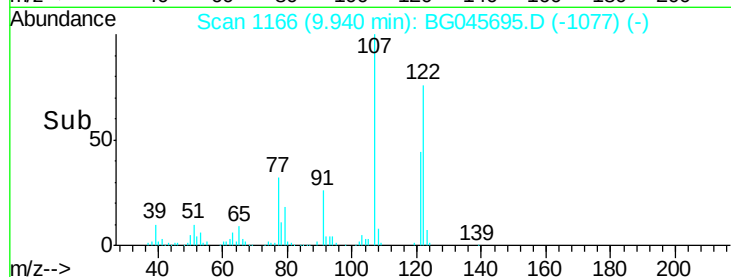
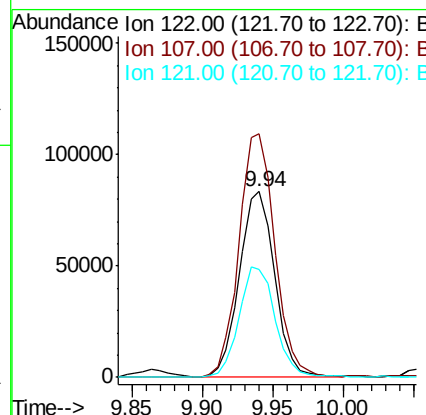
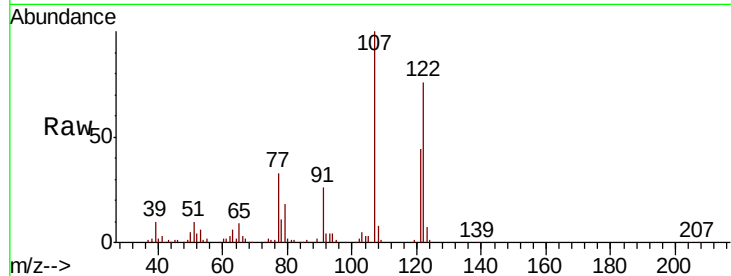




#27
 2,4-Dimethylphenol
 Concen: 55.903 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

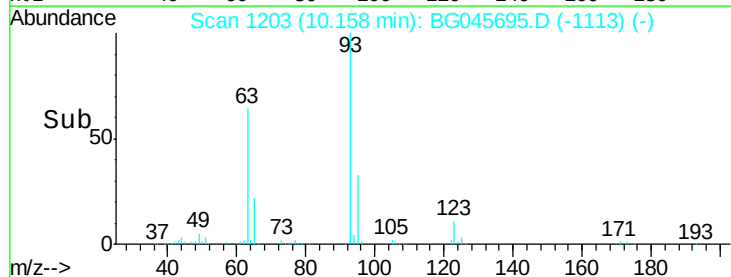
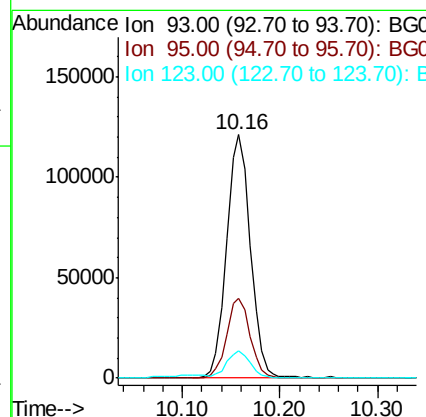
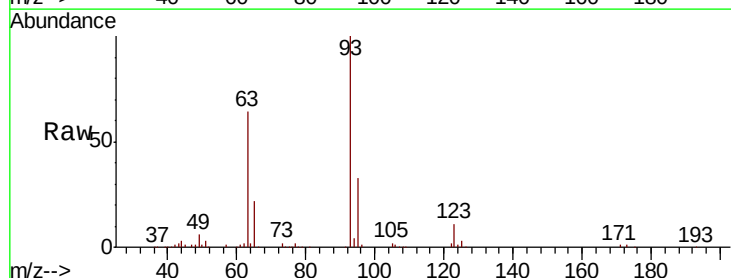
Instrument :
 BNA_G
 ClientSampled :

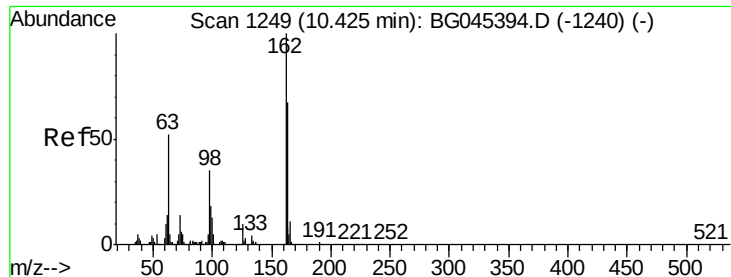
Tot Ion	Ratio	Lower	Upper
122	100		
107	131.0	99.0	148.4
121	58.2	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.827 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.6	41.4
123	11.2	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 54.538 ng

RT: 10.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampled :

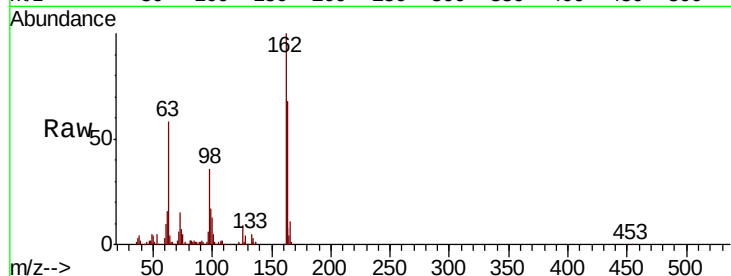
Tot Ion:162 Resp: 168251

Ion Ratio Lower Upper

162 100

164 67.7 46.8 86.8

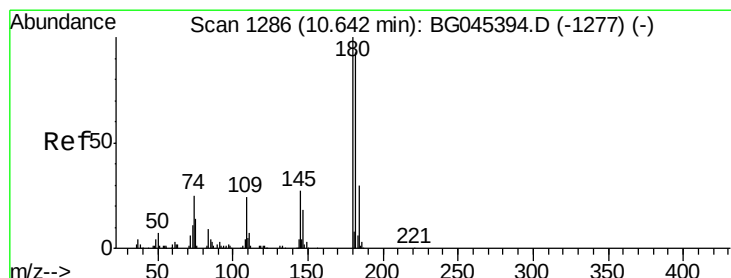
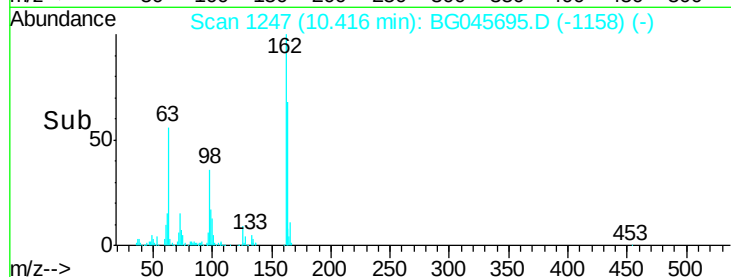
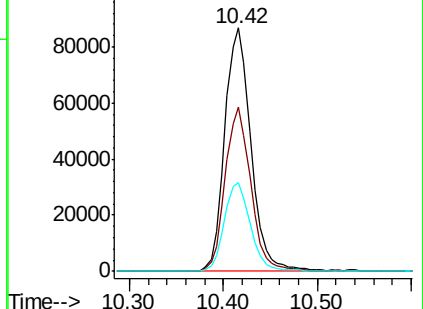
98 36.3 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 49.566 ng

RT: 10.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

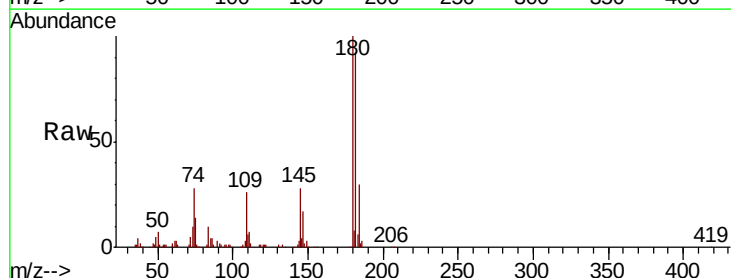
Tgt Ion:180 Resp: 180688

Ion Ratio Lower Upper

180 100

182 92.0 74.8 112.2

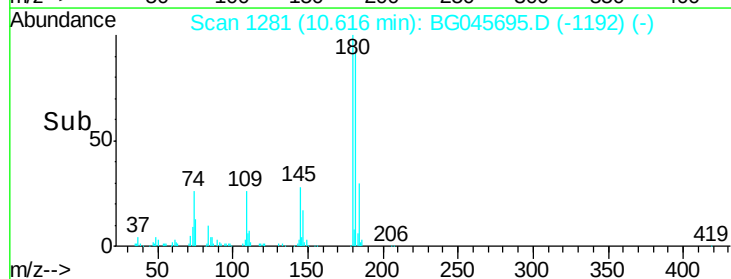
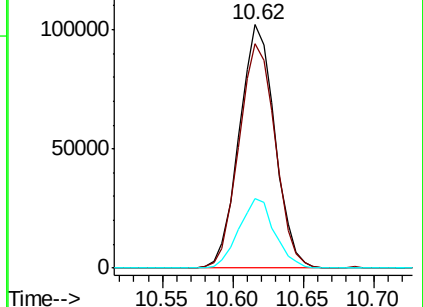
145 28.3 21.9 32.9

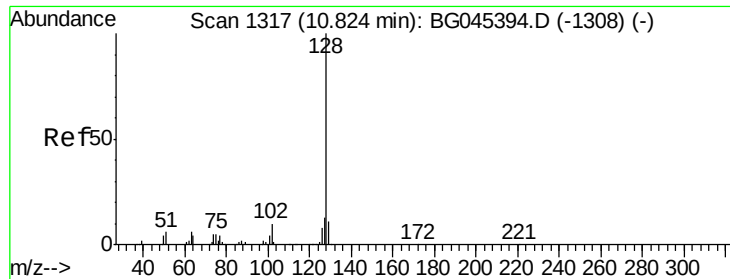


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

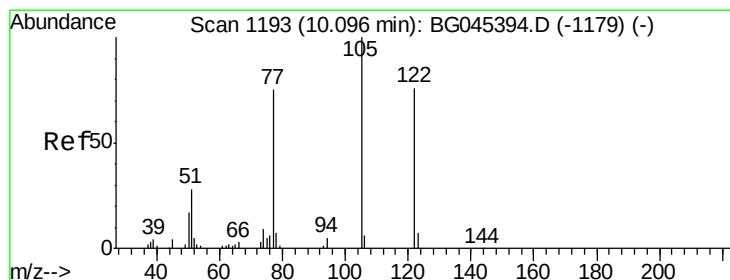
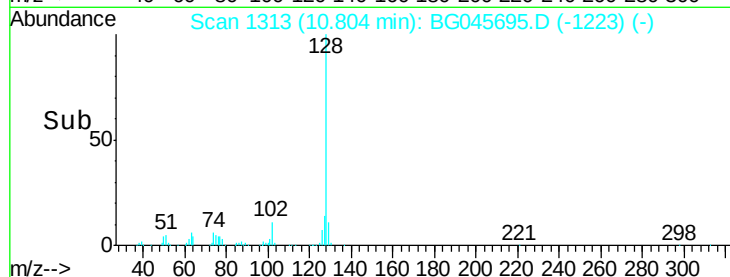
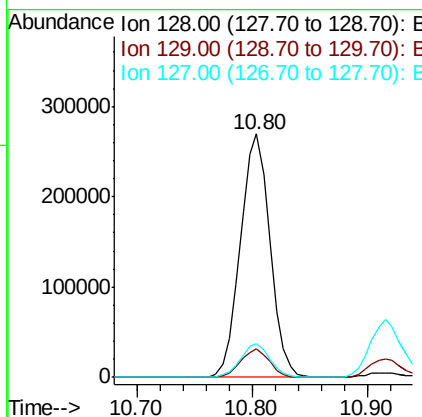
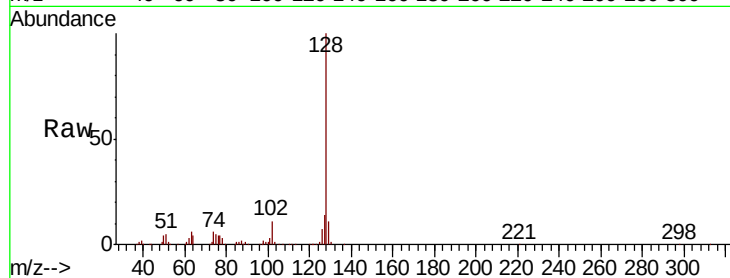




#31
Naphthalene
Concen: 49.051 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

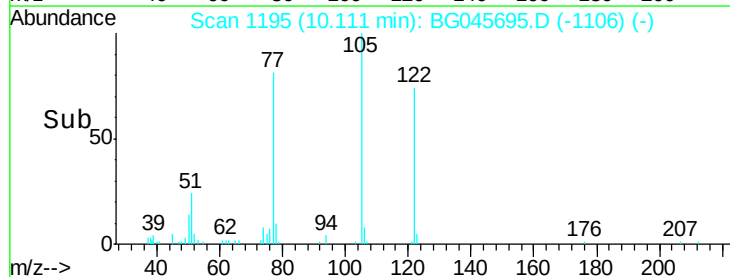
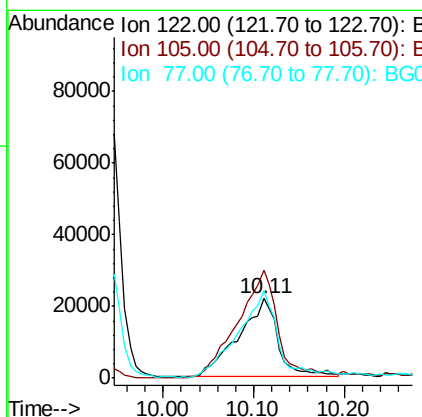
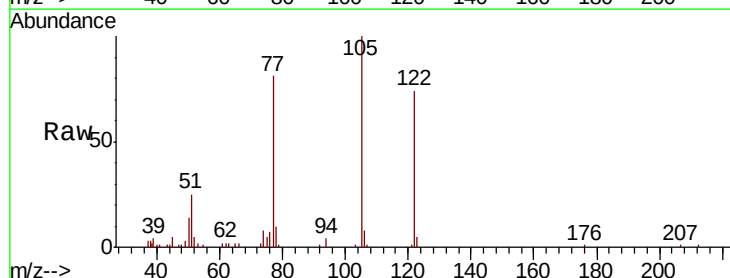
Instrument :
BNA_G
ClientSampleId :

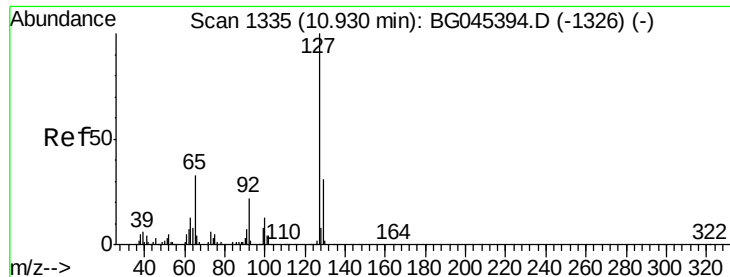
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.6	10.7	16.1



#32
Benzoic acid
Concen: 39.716 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.5	107.9	147.9
77	110.1	78.9	118.9

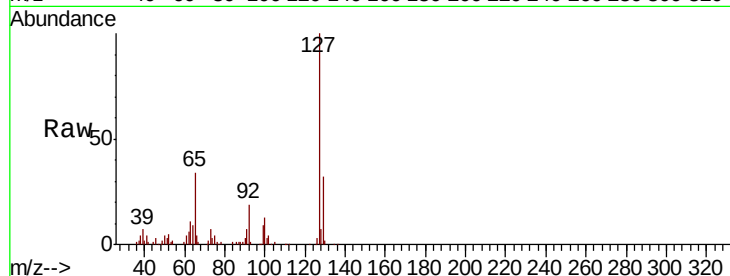




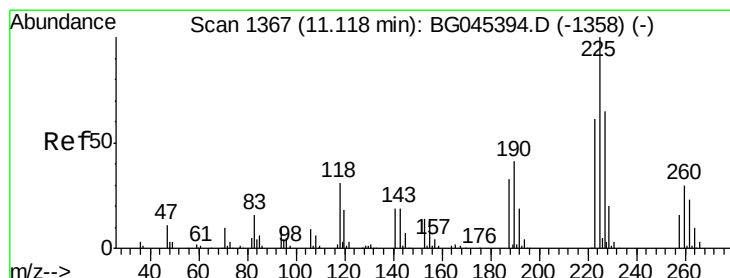
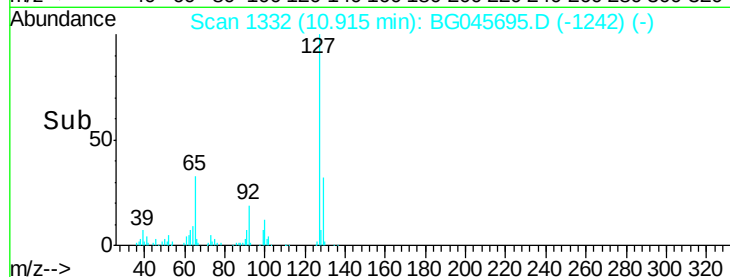
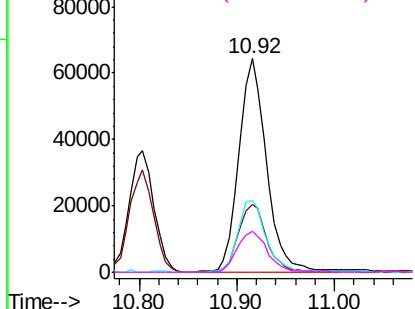
#33
4-Chloroaniline
Concen: 31.364 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	128036
Ion Ratio	Lower	Upper
127	100	
129	31.8	24.7 37.1
65	33.6	26.2 39.2
92	19.4	17.9 26.9

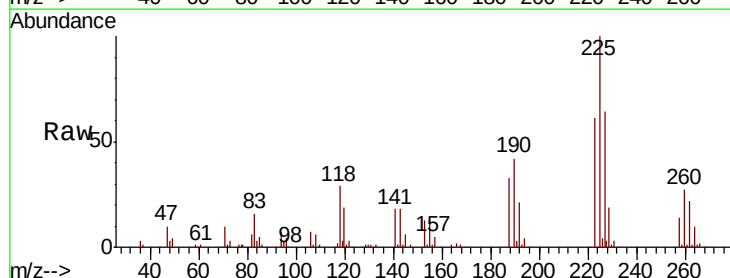


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

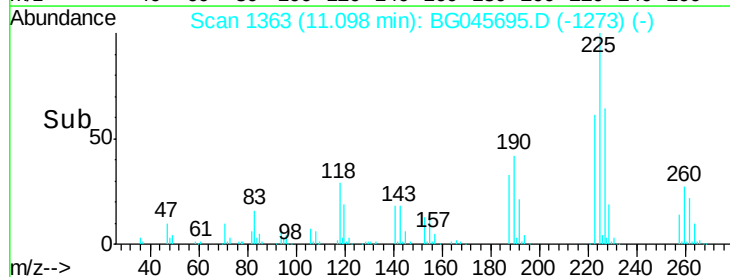
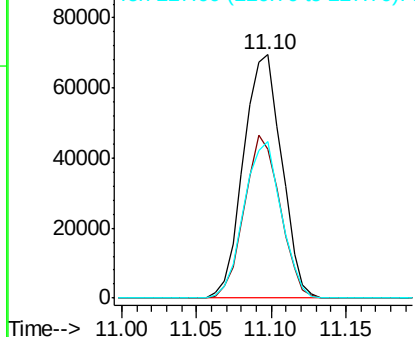


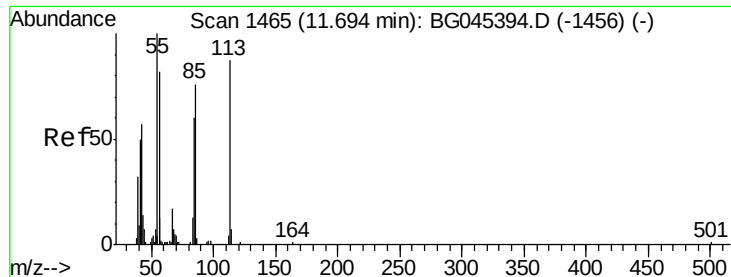
#34
Hexachlorobutadiene
Concen: 47.728 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion:225	Resp:	122987
Ion Ratio	Lower	Upper
225	100	
223	61.0	49.1 73.7
227	64.4	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: 30.559 ng

RT: 11.69 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

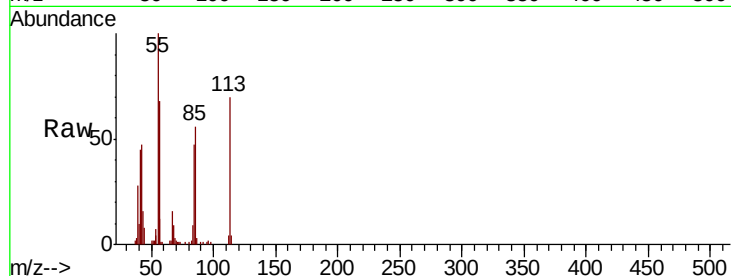
Tot Ion:113 Resp: 34604

Ion Ratio Lower Upper

113 100

55 142.0 96.0 136.0#

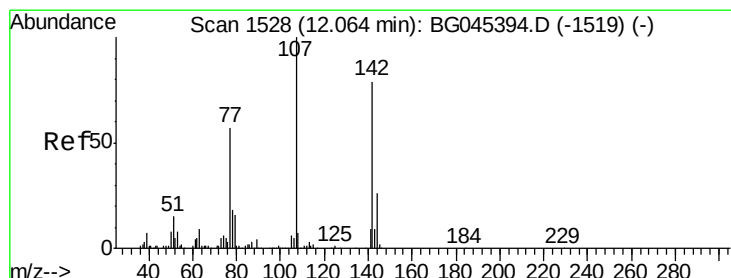
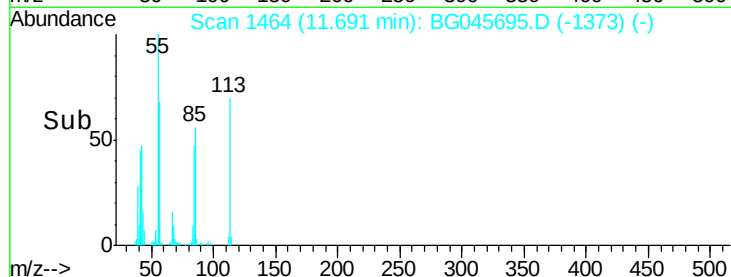
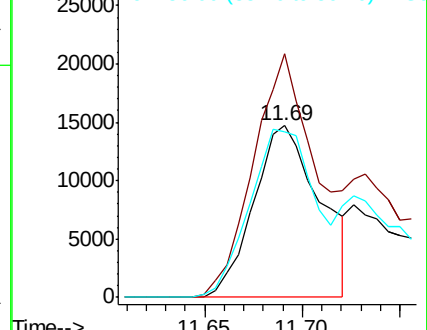
56 96.3 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 56.201 ng

RT: 12.06 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

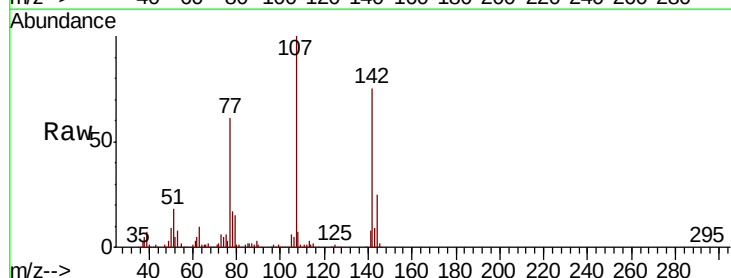
Tgt Ion:107 Resp: 195371

Ion Ratio Lower Upper

107 100

144 25.4 20.8 31.2

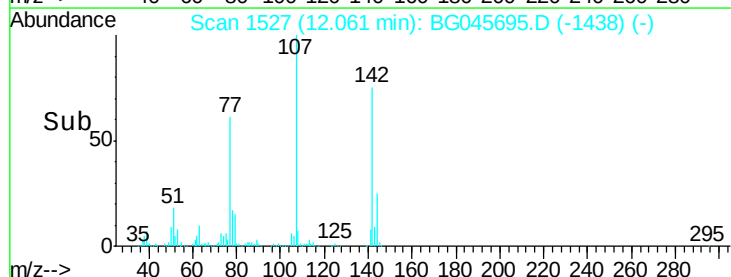
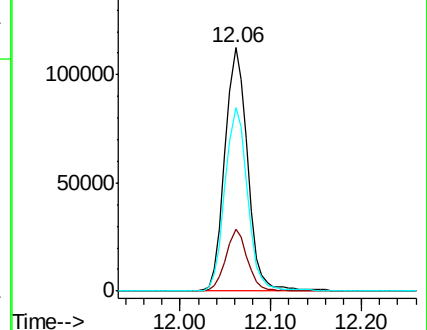
142 75.3 62.8 94.2

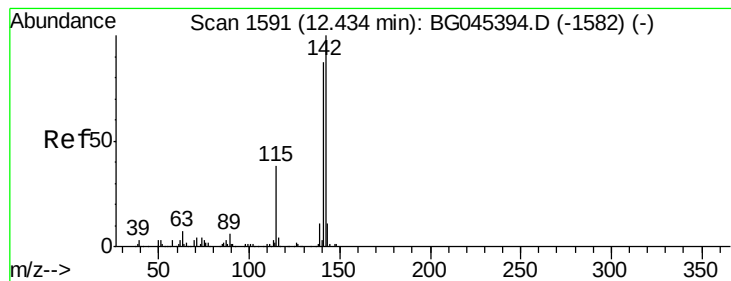


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.967 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

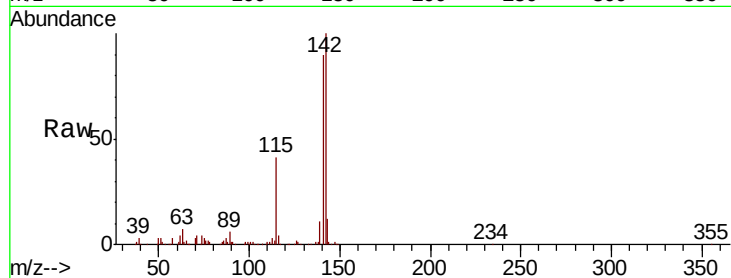
Tot Ion:142 Resp: 378265

Ion Ratio Lower Upper

142 100

141 90.2 70.0 105.0

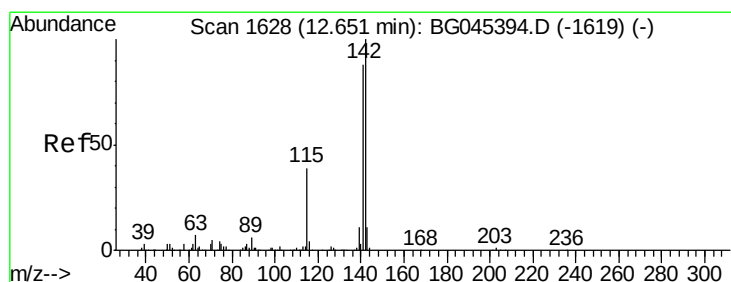
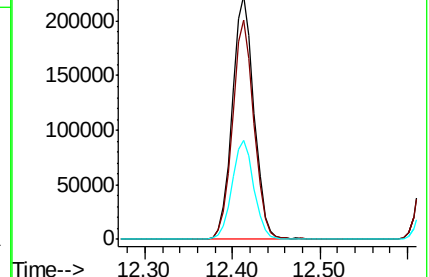
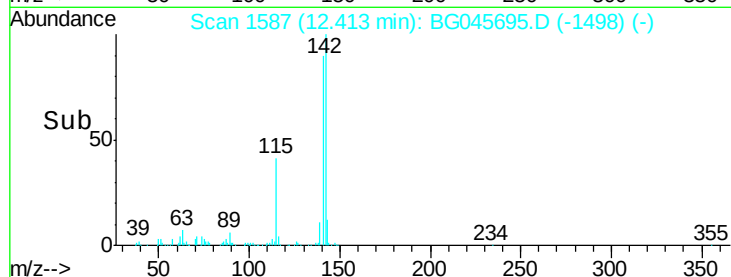
115 40.8 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.076 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

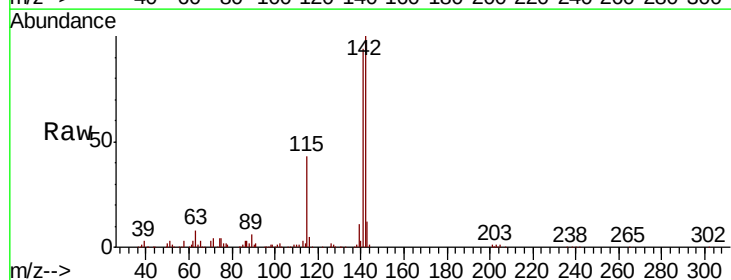
Tgt Ion:142 Resp: 358073

Ion Ratio Lower Upper

142 100

141 93.6 70.8 106.2

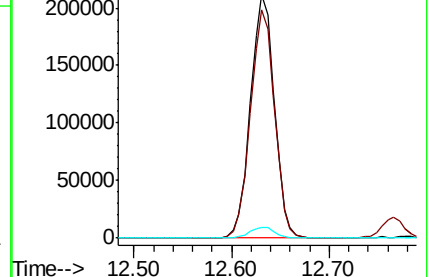
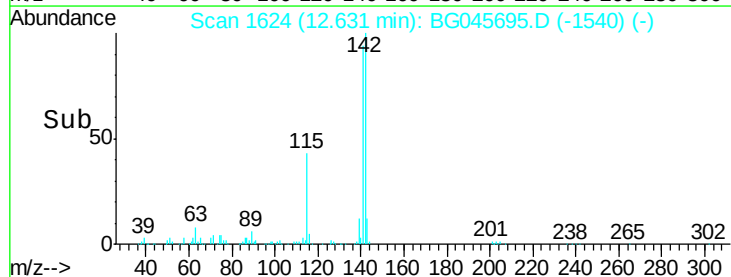
116 4.5 3.0 4.6

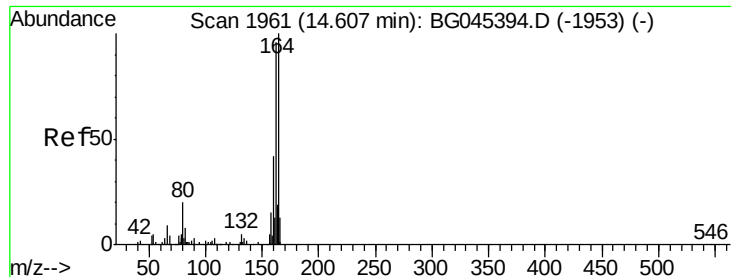


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

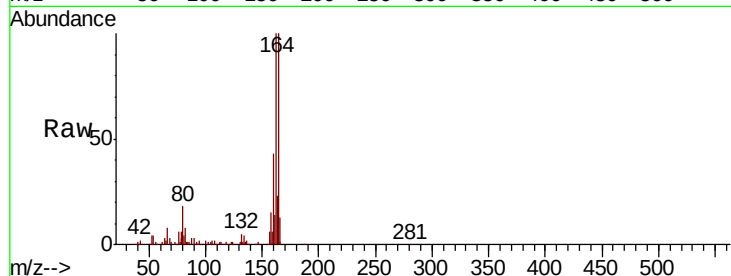
Tot Ion:164 Resp: 158591

Ion Ratio Lower Upper

164 100

162 100.4 76.9 115.3

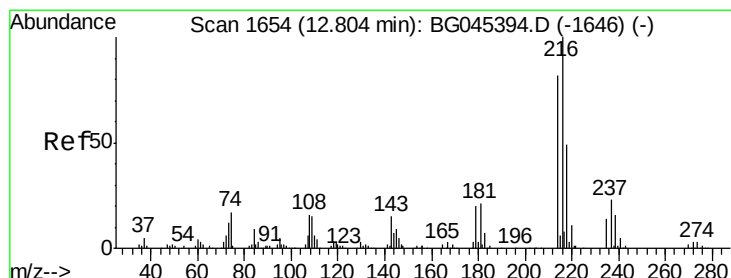
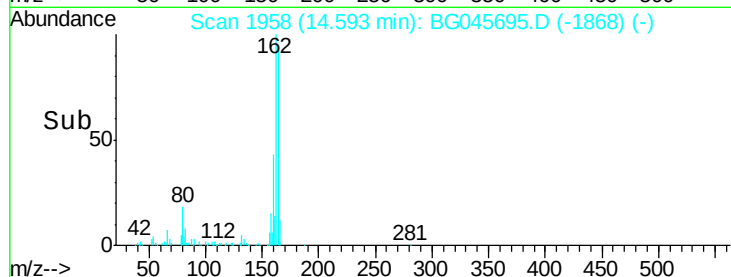
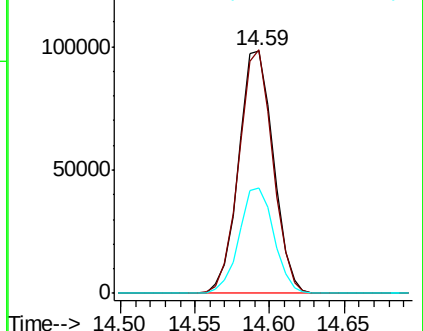
160 43.2 33.8 50.8



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: 47.605 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Tgt Ion:216 Resp: 210874

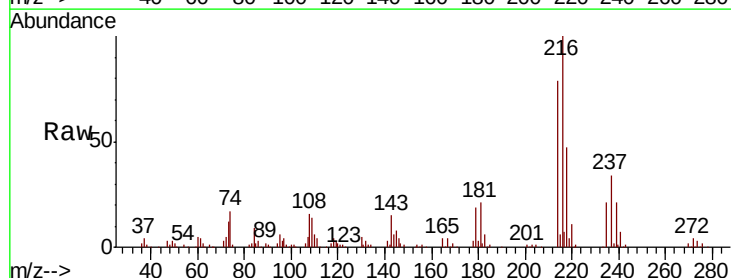
Ion Ratio Lower Upper

216 100

214 78.2 63.7 95.5

179 20.3 16.1 24.1

108 19.0 13.8 20.6

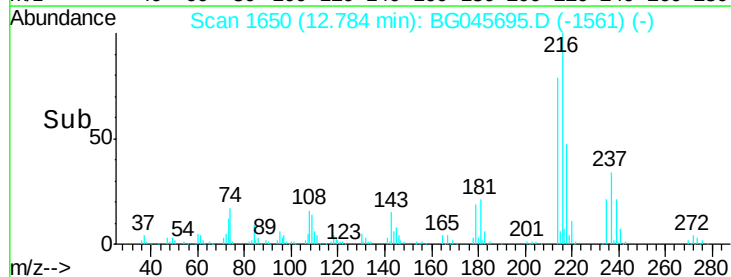
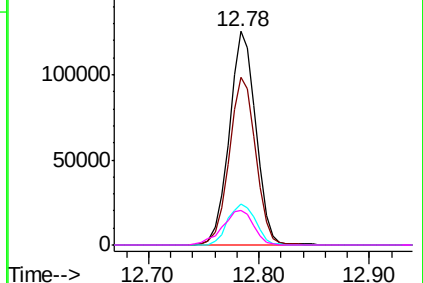


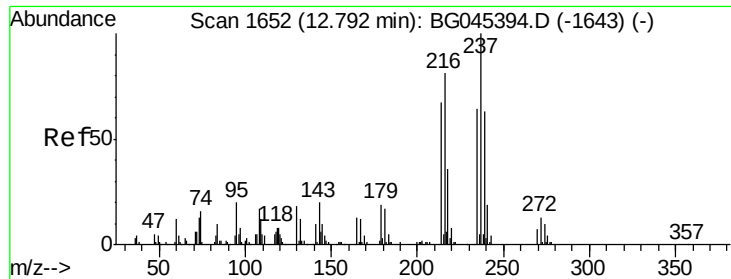
Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.738 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

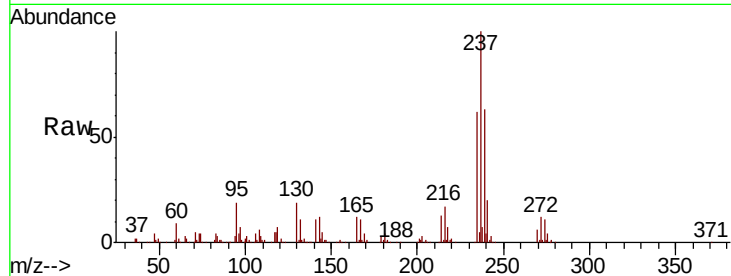
Tot Ion:237 Resp: 267789

Ion Ratio Lower Upper

237 100

235 61.8 44.4 84.4

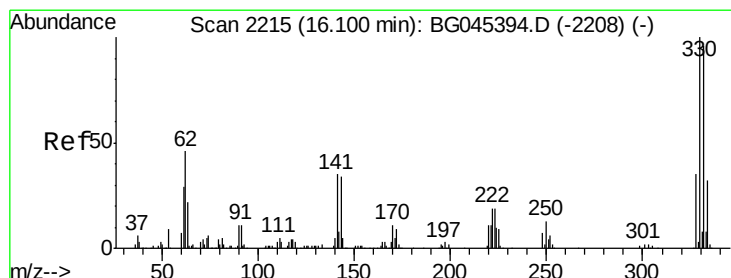
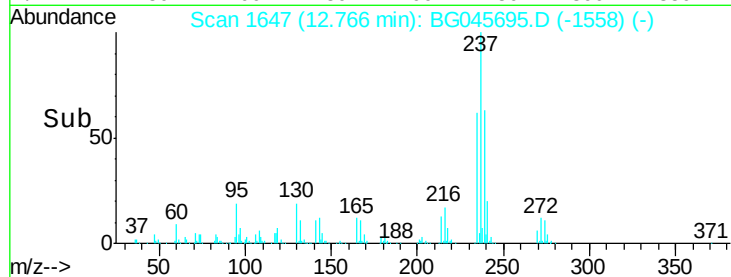
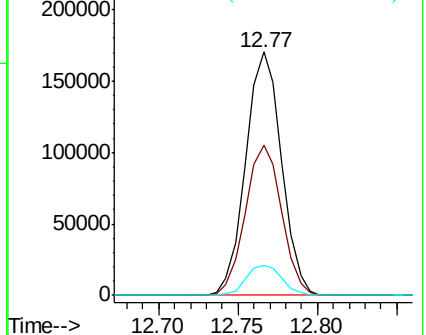
272 12.4 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.382 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

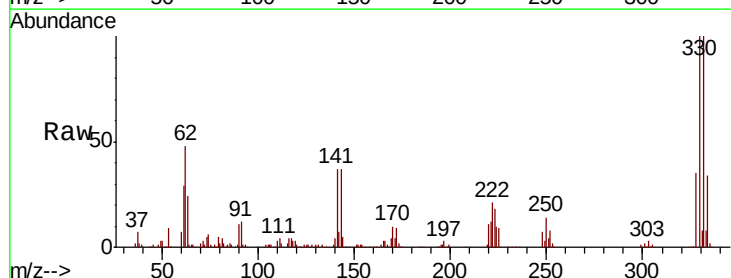
Tgt Ion:330 Resp: 288779

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.4

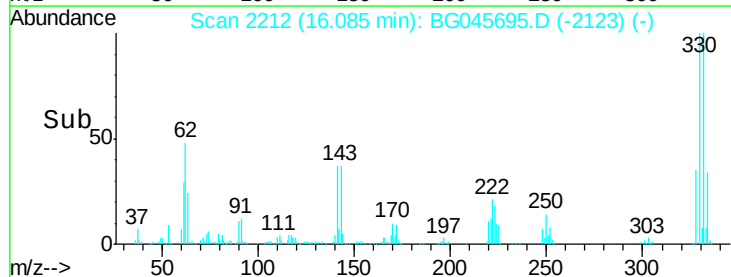
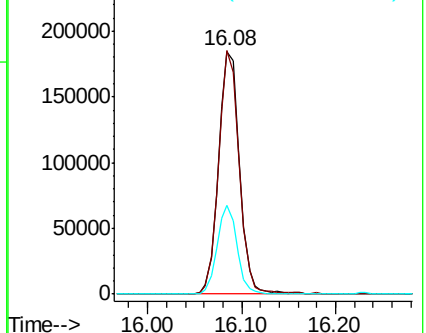
141 34.8 28.2 42.4

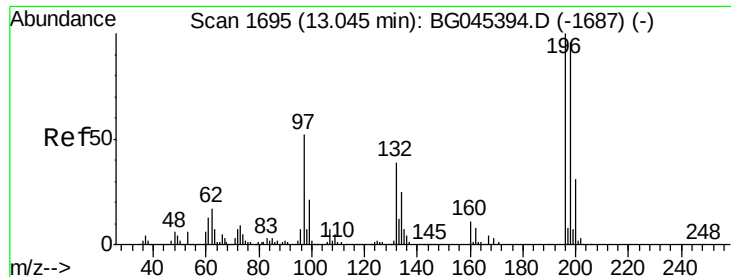


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

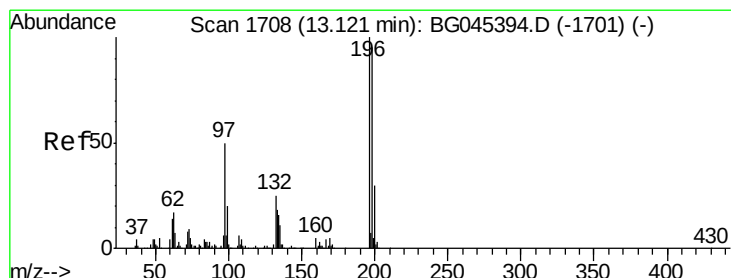
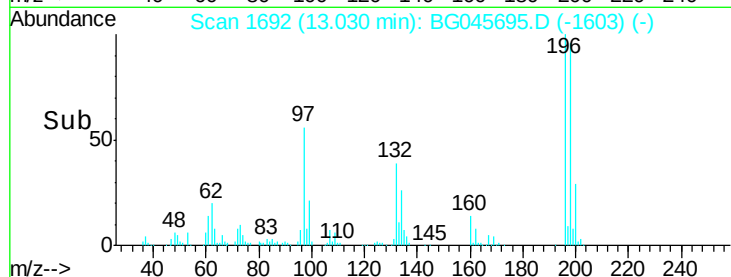
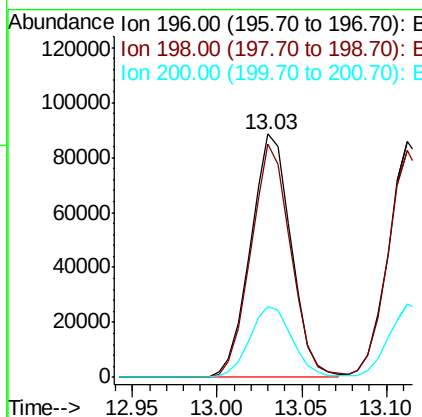
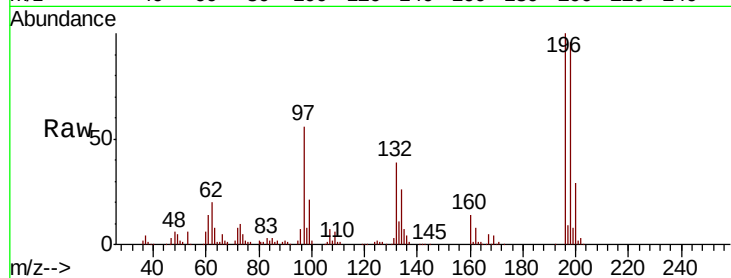




#43
 2,4,6-Trichlorophenol
 Concen: 48.108 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

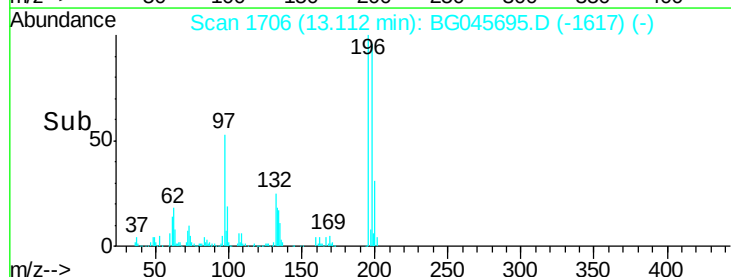
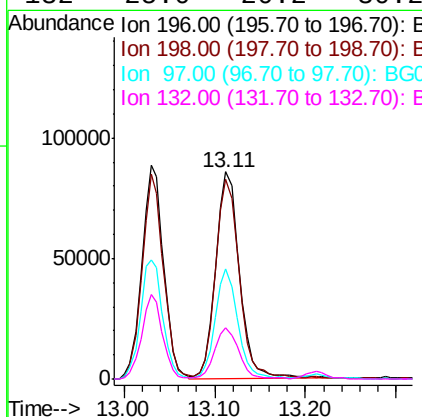
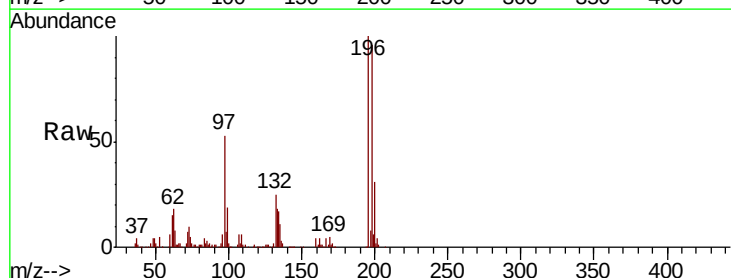
Instrument :
 BNA_G
 ClientSampled :

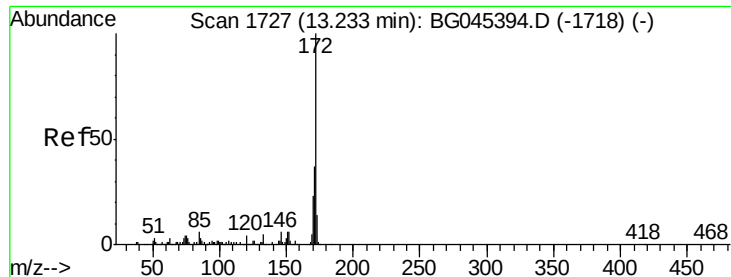
Tot Ion:196 Resp: 148036
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.7 115.1
 200 29.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.311 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion:196 Resp: 155815
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.1 114.1
 97 53.0 40.0 60.0
 132 25.0 20.2 30.2

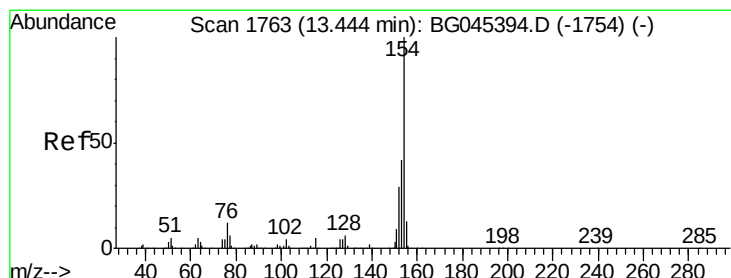
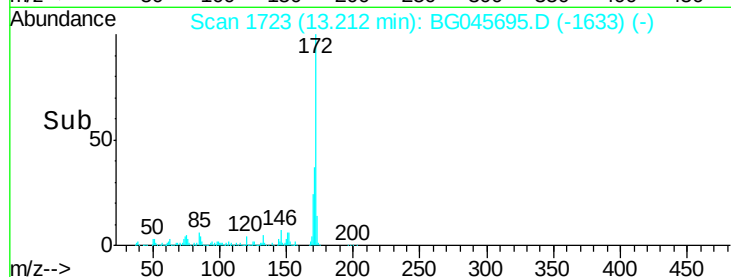
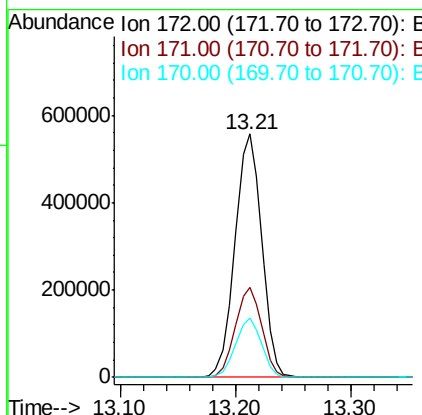
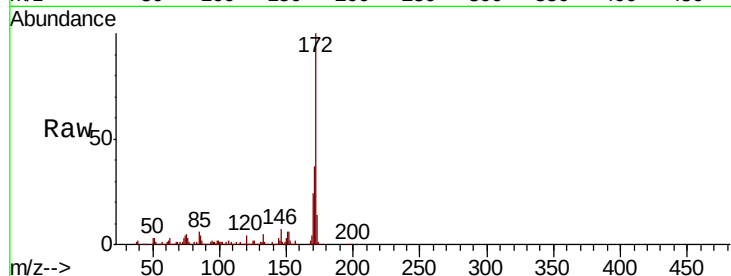




#45
2-Fluorobiphenyl
Concen: 95.343 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

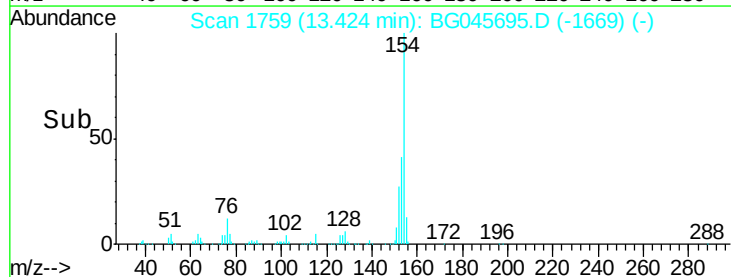
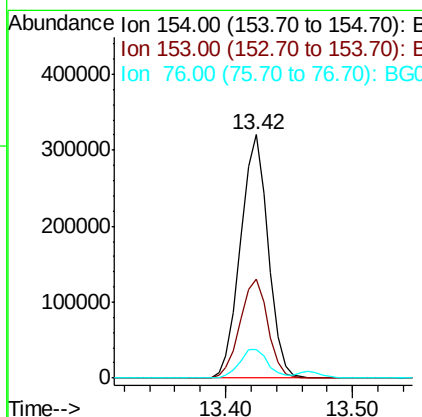
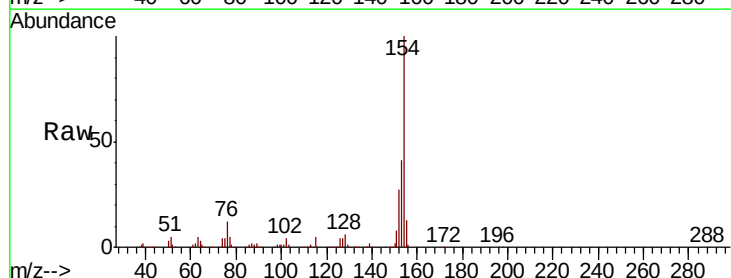
Instrument :
BNA_G
ClientSampleId :

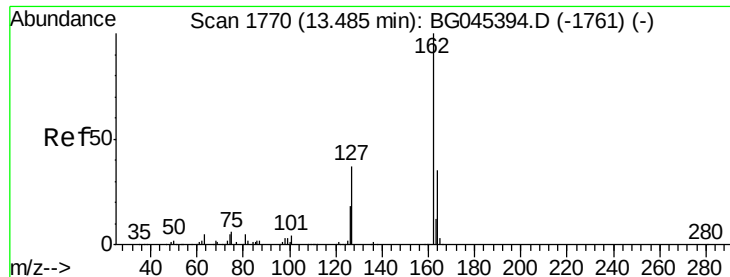
Tot Ion:172 Resp: 891432
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 24.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 49.616 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion:154 Resp: 483496
Ion Ratio Lower Upper
154 100
153 40.7 22.2 62.2
76 11.7 0.0 32.4

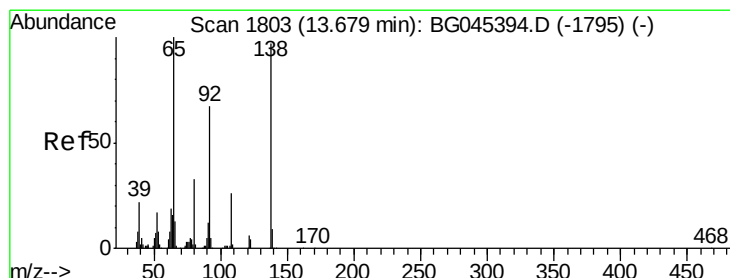
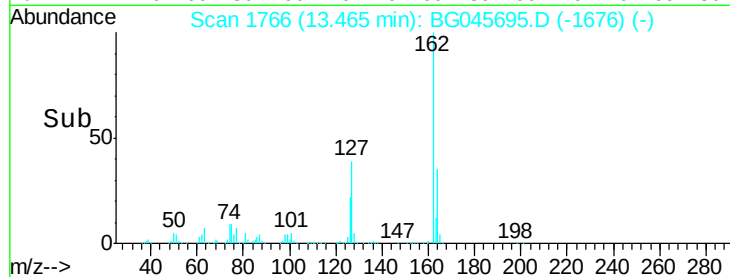
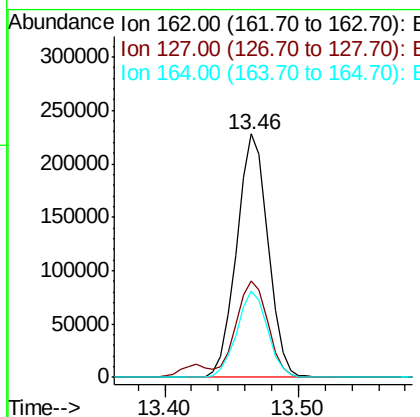
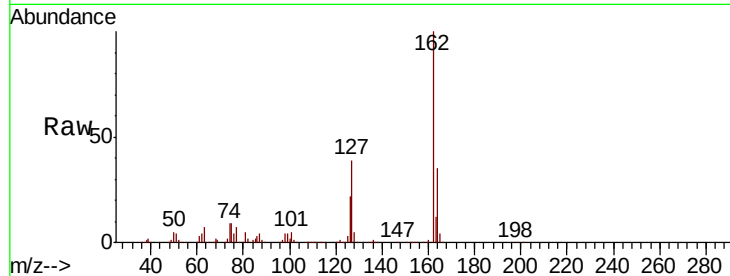




#47
 2-Chloronaphthalene
 Concen: 46.776 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

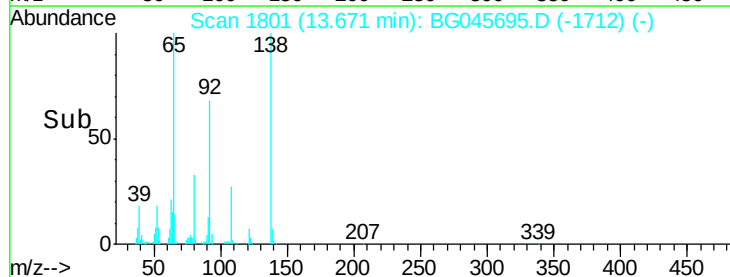
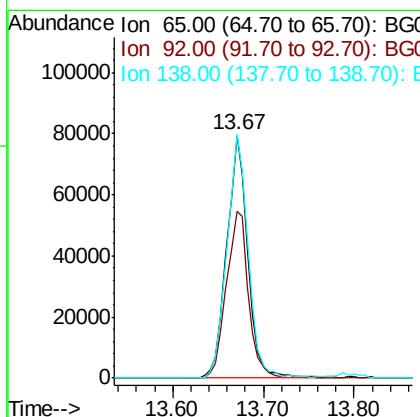
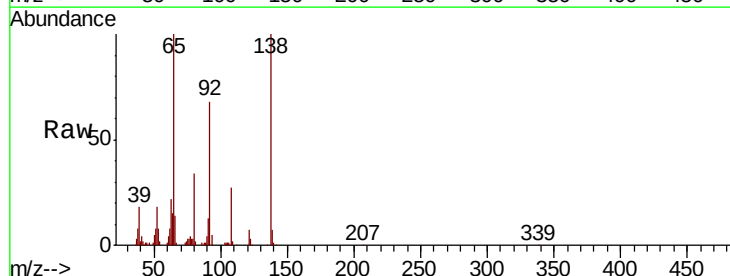
Instrument :
 BNA_G
 ClientSampleId :

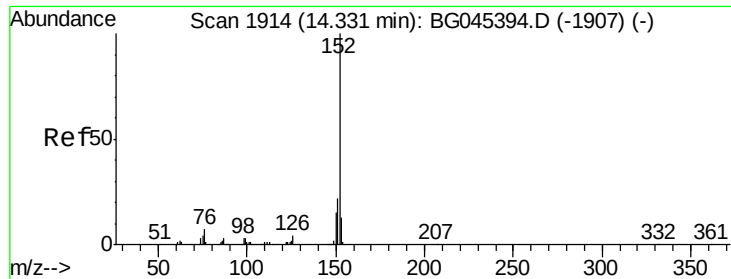
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.6	47.4
164	35.3	28.1	42.1



#48
 2-Nitroaniline
 Concen: 49.312 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.8	80.8
138	100.4	77.9	116.9





#49

Acenaphthylene

Concen: 48.251 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampled :

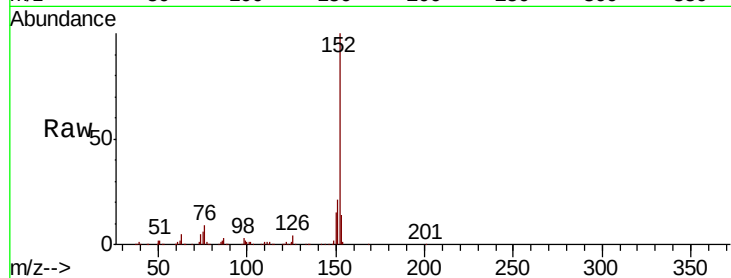
Tot Ion:152 Resp: 613286

Ion Ratio Lower Upper

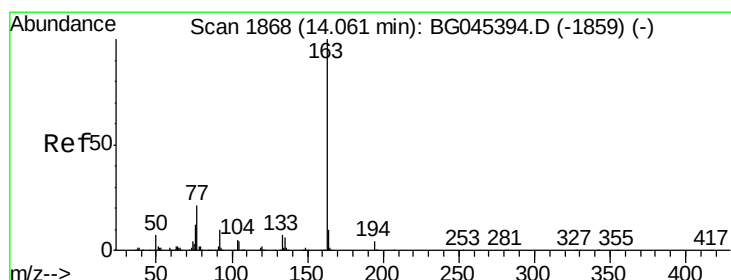
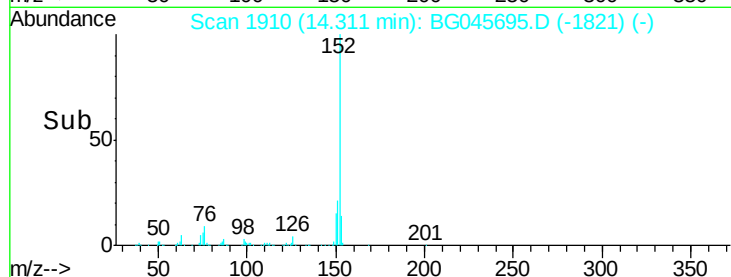
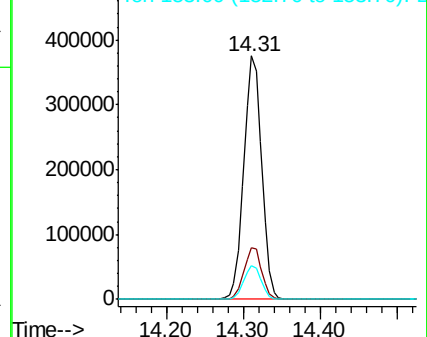
152 100

151 21.1 17.4 26.2

153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.171 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

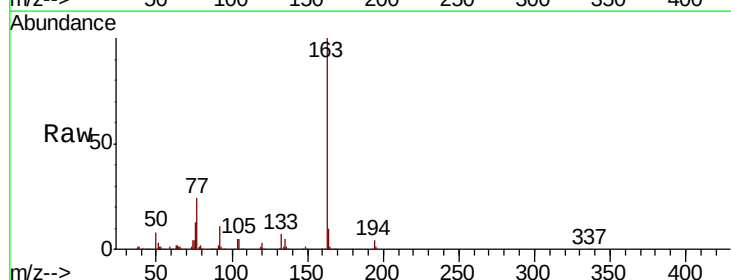
Tgt Ion:163 Resp: 524068

Ion Ratio Lower Upper

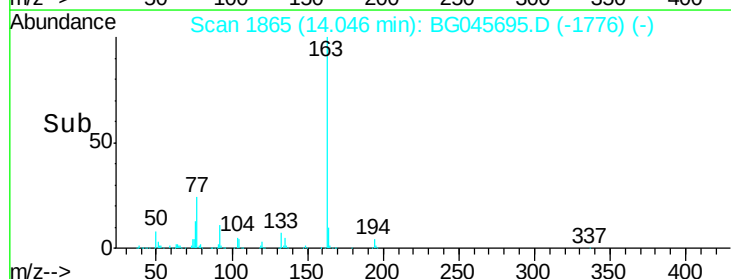
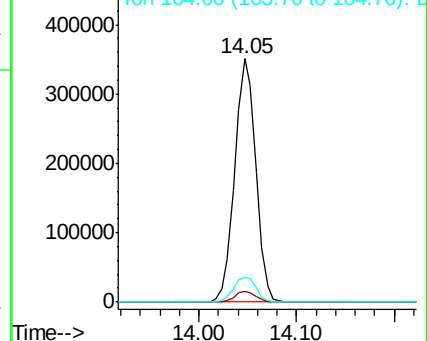
163 100

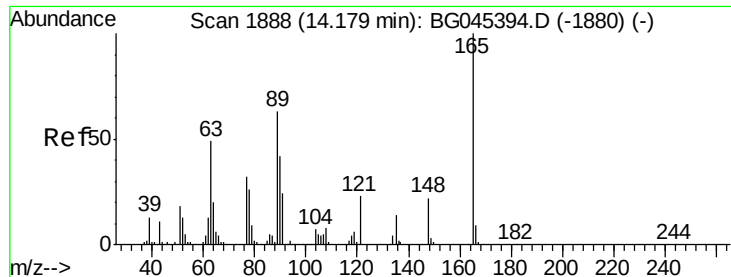
194 4.2 3.2 4.8

164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

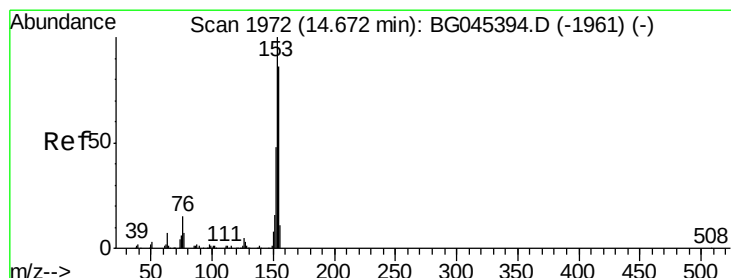
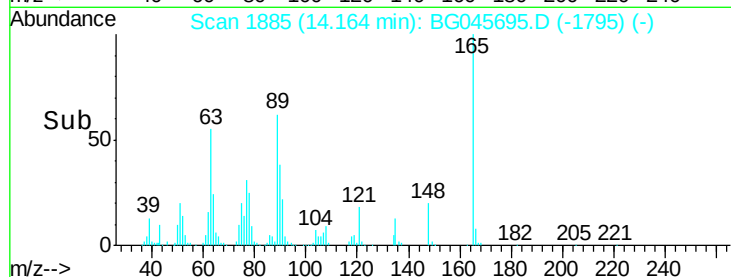
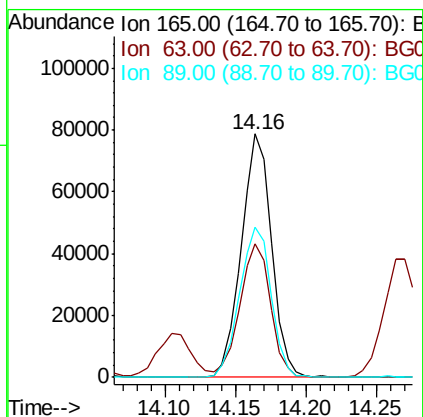
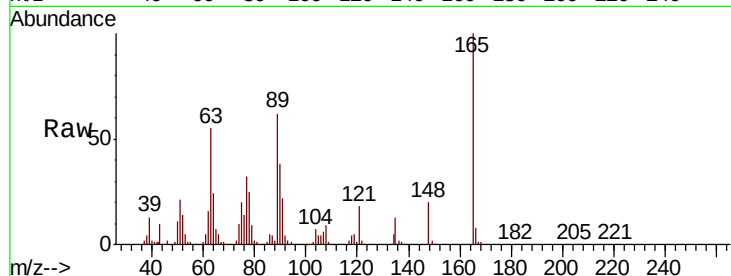




#51
2,6-Dinitrotoluene
Concen: 48.018 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

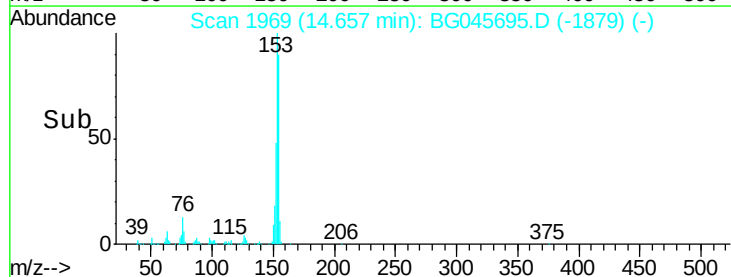
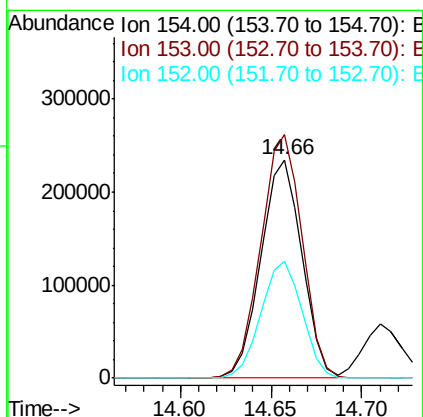
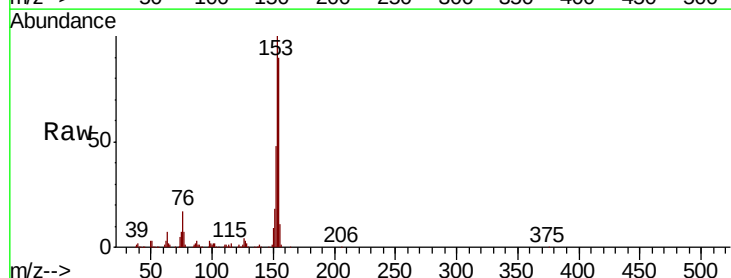
Instrument :
BNA_G
ClientSampleId :

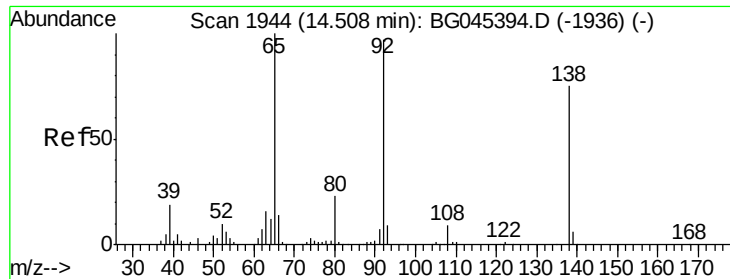
Tot Ion:165 Resp: 117880
Ion Ratio Lower Upper
165 100
63 54.9 45.0 67.4
89 61.9 50.2 75.4



#52
Acenaphthene
Concen: 43.680 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion:154 Resp: 371629
Ion Ratio Lower Upper
154 100
153 111.6 92.8 139.2
152 53.6 44.6 66.8

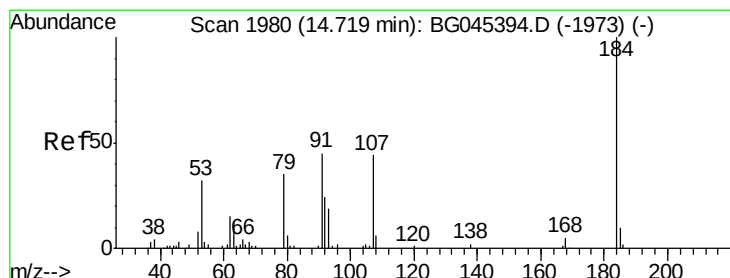
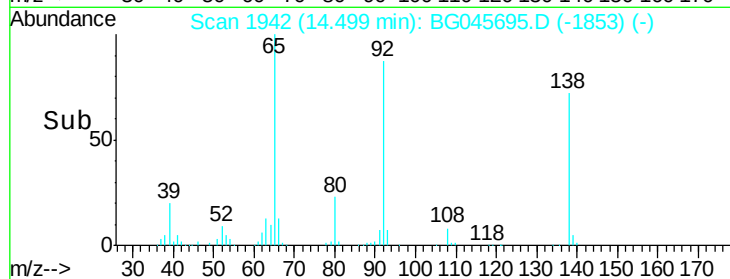
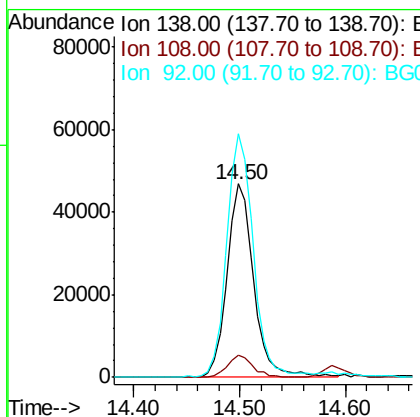
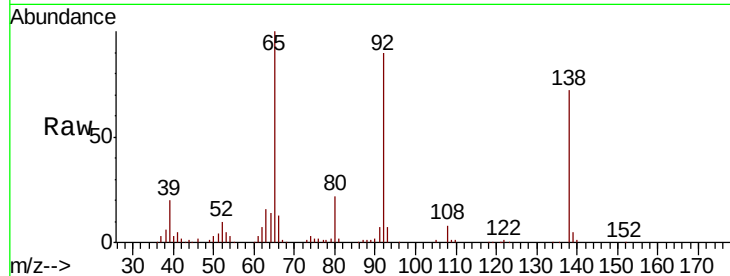




#53
 3-Nitroaniline
 Concen: 32.543 ng
 RT: 14.50 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

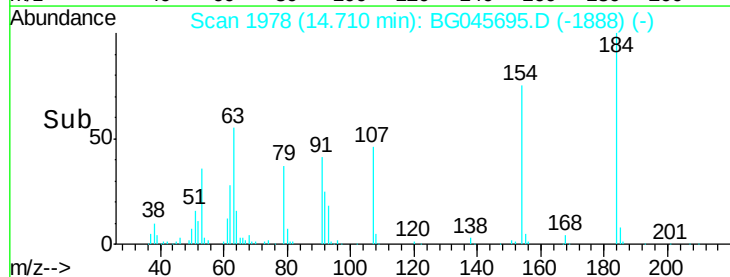
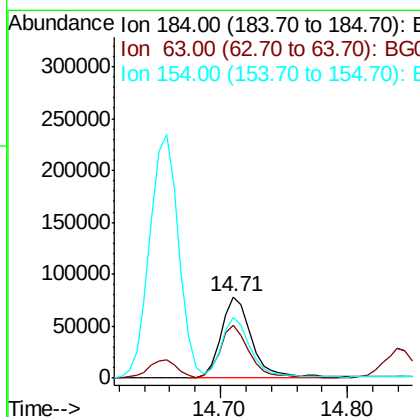
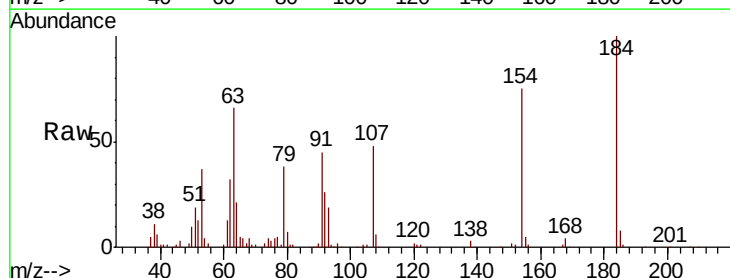
Instrument :
 BNA_G
 ClientSampleId :

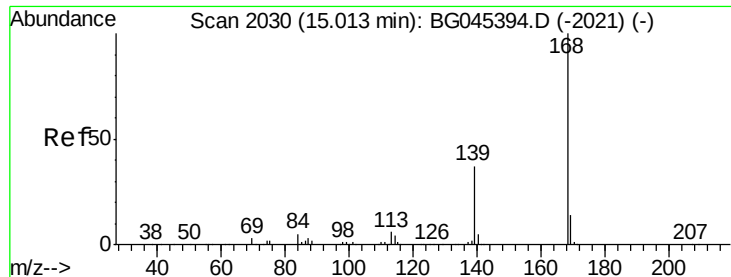
Tot Ion:138 Resp: 81212
 Ion Ratio Lower Upper
 138 100
 108 11.5 9.8 14.6
 92 126.1 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 82.184 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion:184 Resp: 132419
 Ion Ratio Lower Upper
 184 100
 63 65.6 47.8 71.6
 154 74.8 58.3 87.5

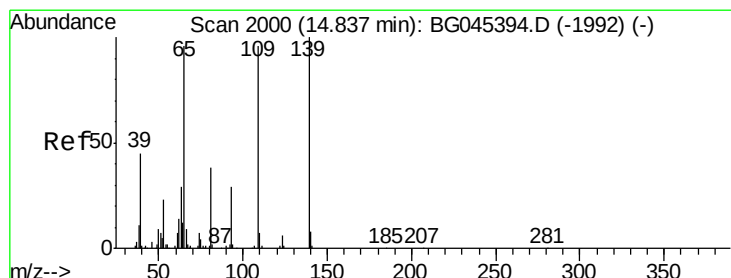
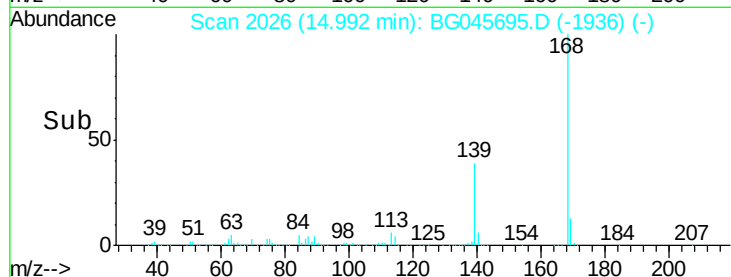
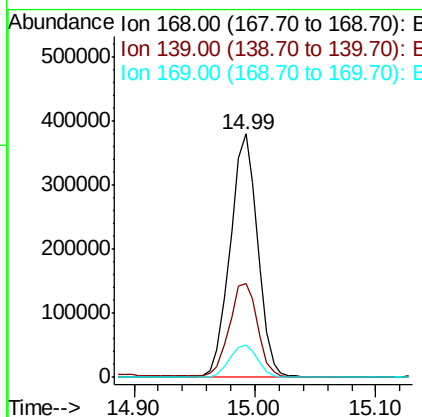
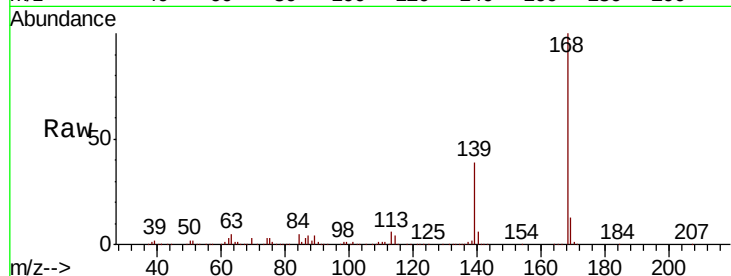




#55
Dibenzofuran
Concen: 47.626 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

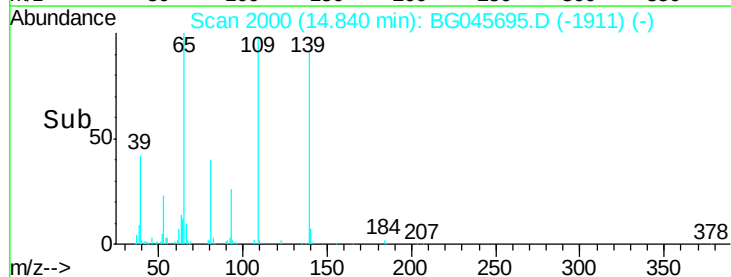
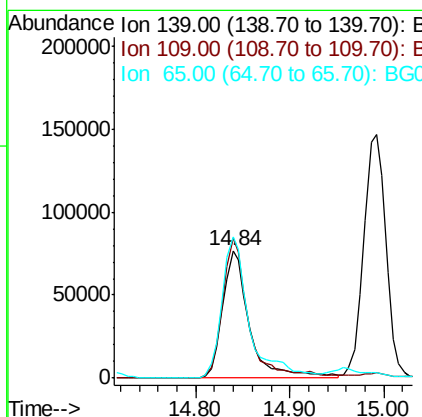
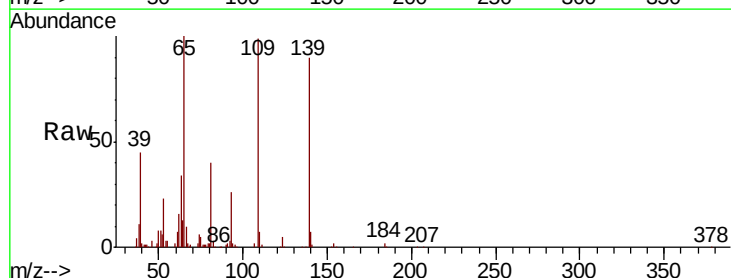
Instrument :
BNA_G
ClientSampleId :

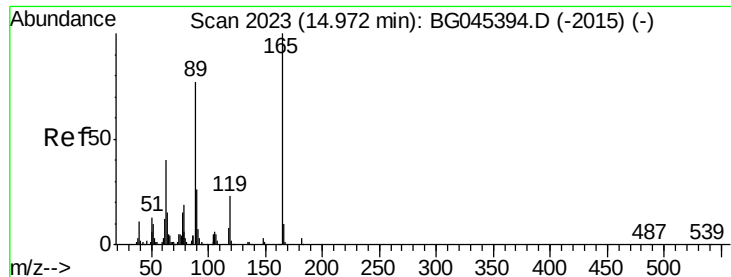
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	29.9	44.9
169	13.4	10.9	16.3



#56
4-Nitrophenol
Concen: 80.829 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.6	75.6	115.6
65	110.5	76.8	116.8

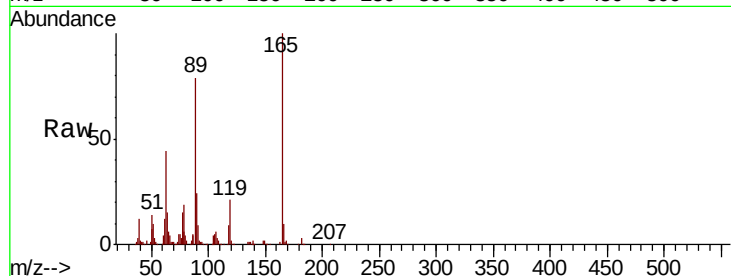




#57
 2,4-Dinitrotoluene
 Concen: 46.650 ng
 RT: 14.96 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	32.5	48.7
89	79.4	61.8	92.6
182	3.0	2.3	3.5

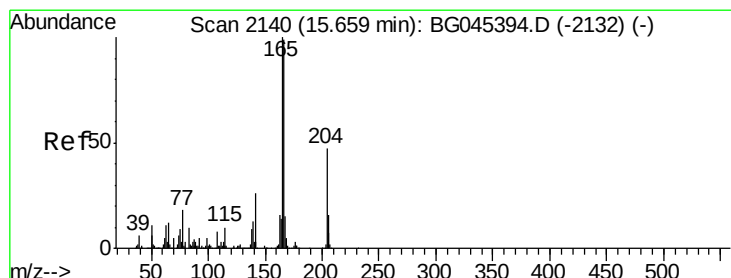
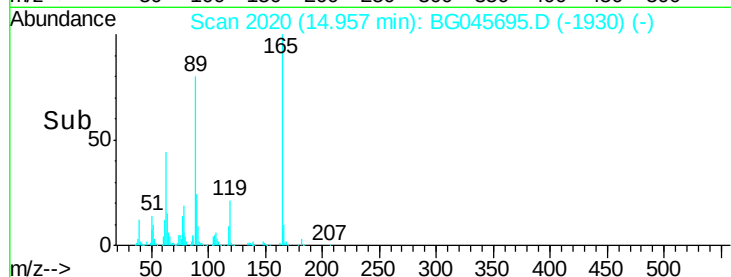
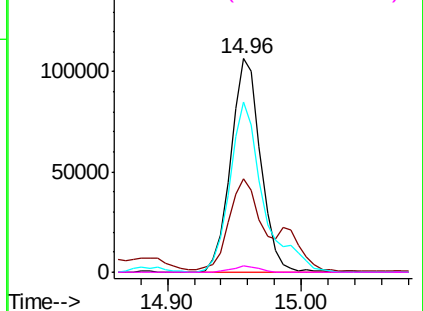


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

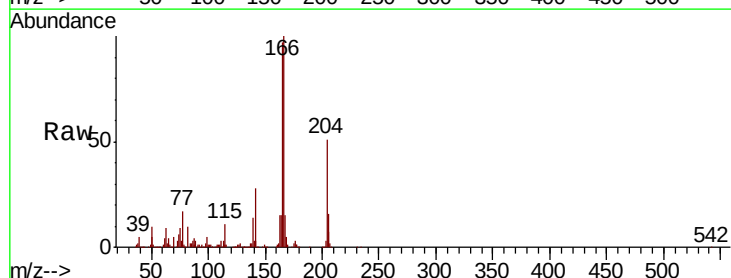
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 48.833 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

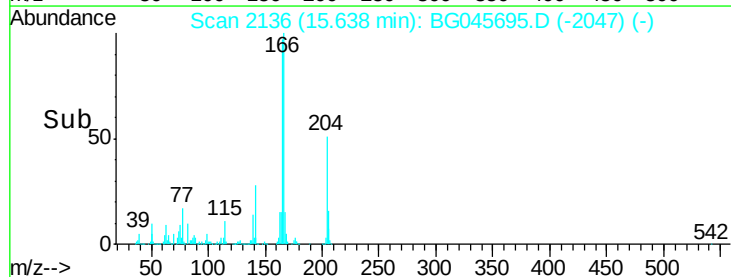
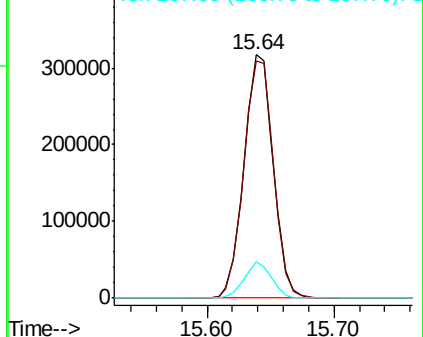
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.8	121.2
167	14.9	12.0	18.0

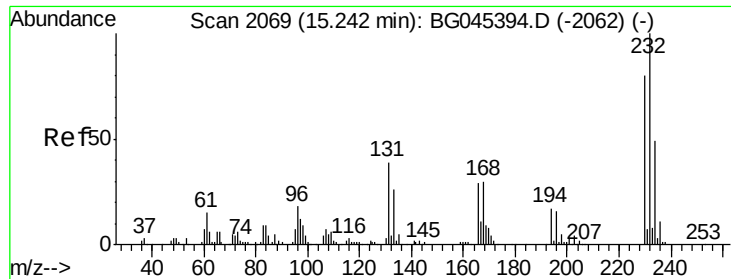


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

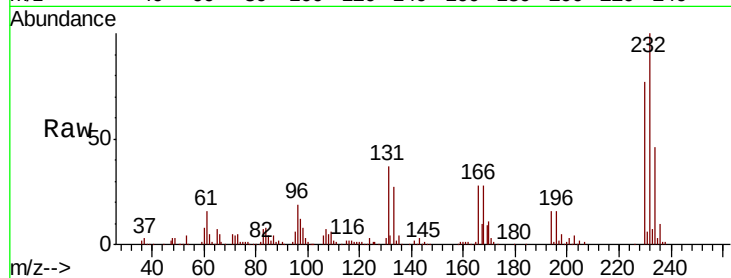




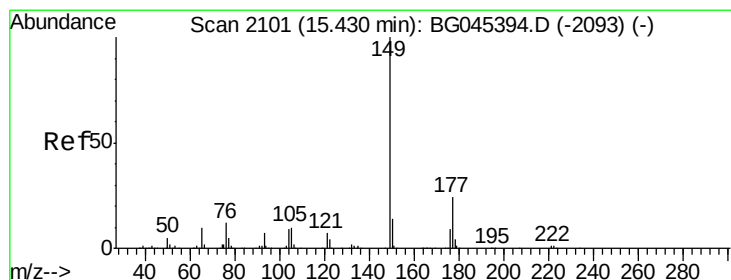
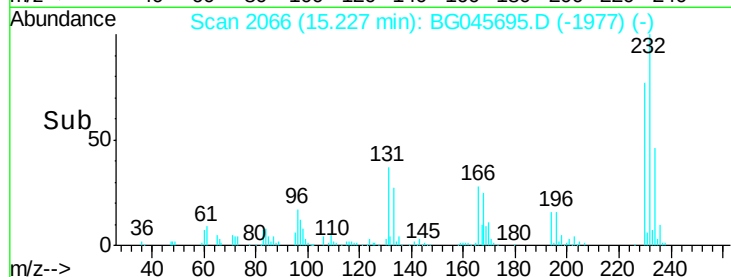
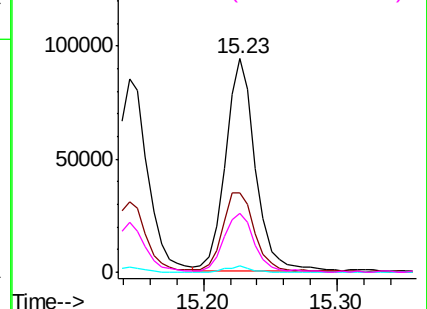
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.763 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	147762
Ion	Ratio	Lower	Upper
232	100		
131	39.5	33.7	50.5
130	2.5	2.1	3.1
166	28.3	23.2	34.8

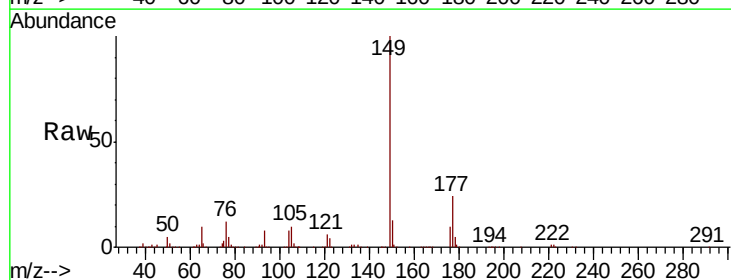


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

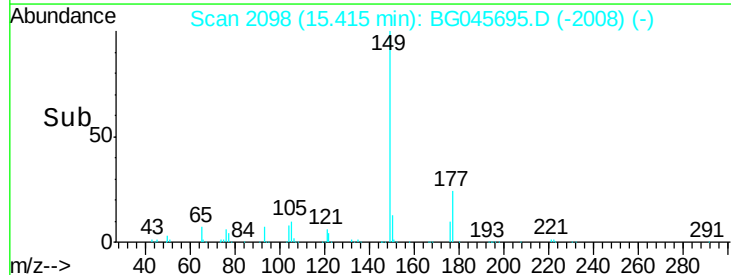
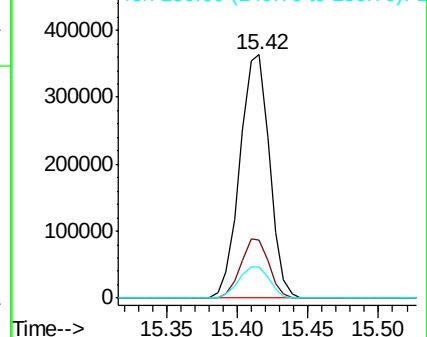


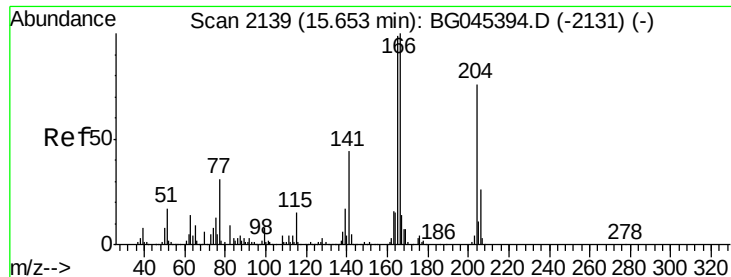
#60
 Diethylphthalate
 Concen: 47.001 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion:	149	Resp:	532215
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	12.8	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

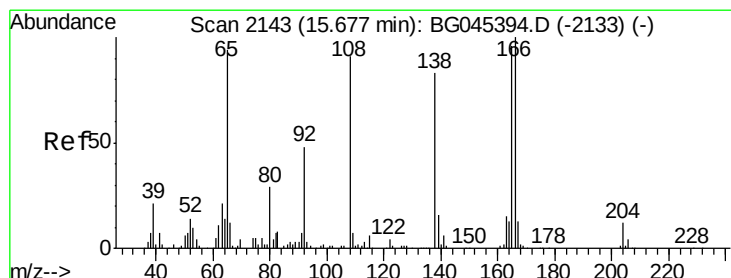
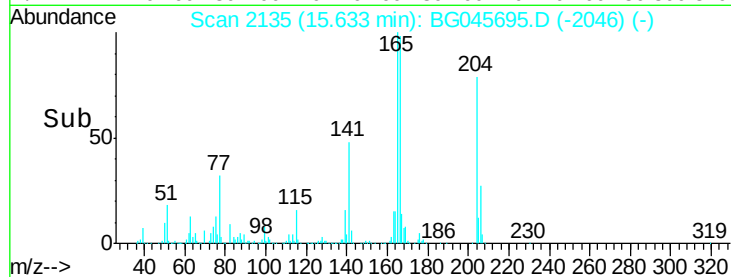
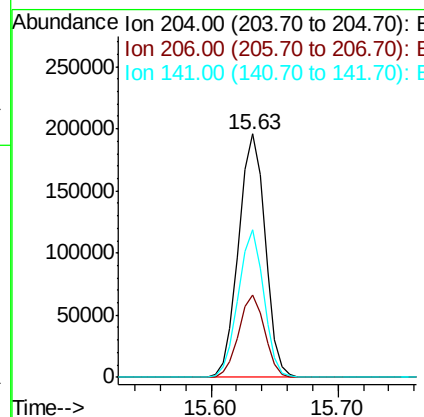
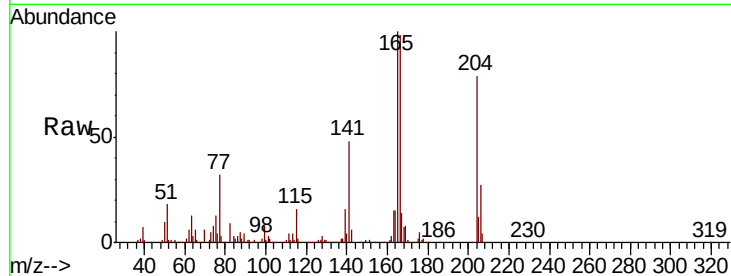




#61
 4-Chlorophenyl-phenylether
 Concen: 47.808 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

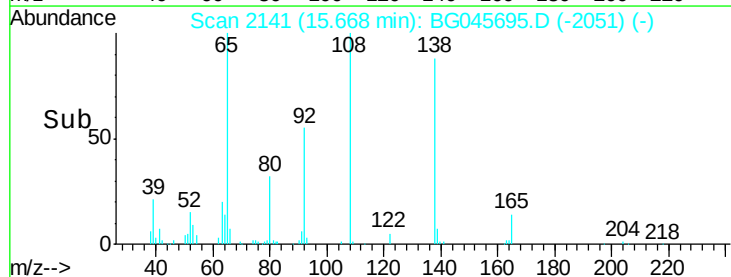
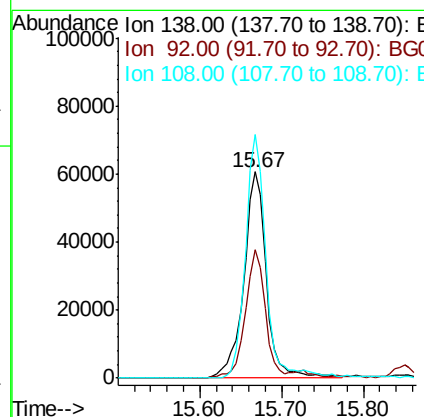
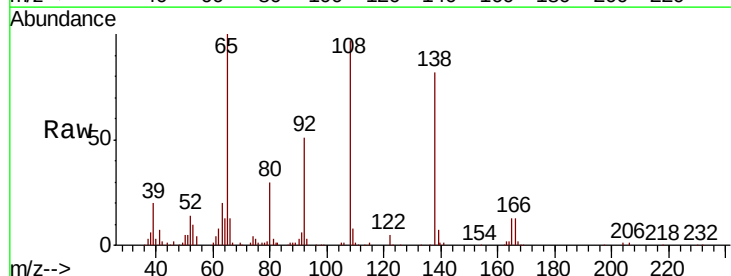
Instrument :
 BNA_G
 ClientSampled :

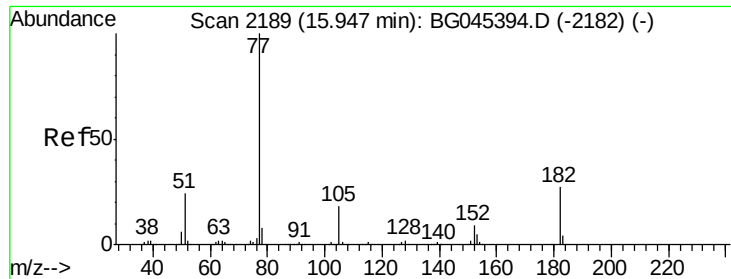
Tot Ion:204 Resp: 283968
 Ion Ratio Lower Upper
 204 100
 206 34.1 27.3 40.9
 141 60.8 45.9 68.9



#62
 4-Nitroaniline
 Concen: 44.629 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion:138 Resp: 116269
 Ion Ratio Lower Upper
 138 100
 92 62.1 38.0 78.0
 108 118.0 89.3 129.3

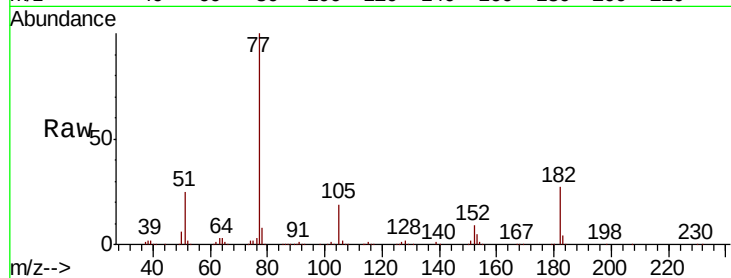




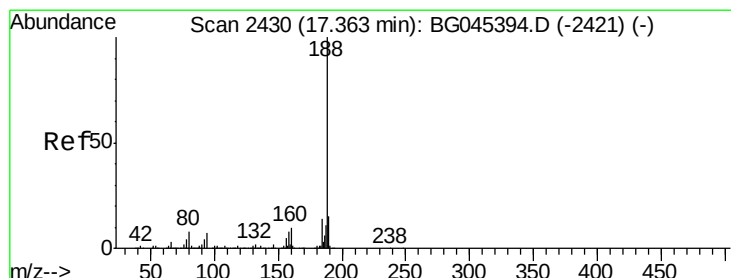
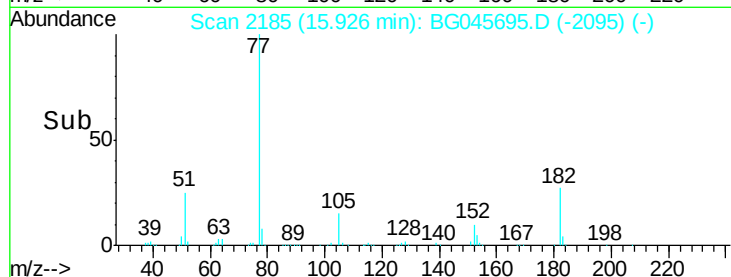
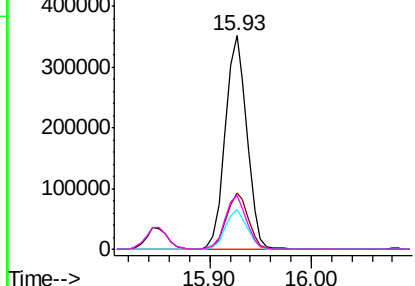
#63
Azobenzene
Concen: 49.037 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	517754
Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.5	46.5
105	18.6	0.0	37.9
51	25.1	4.1	44.1

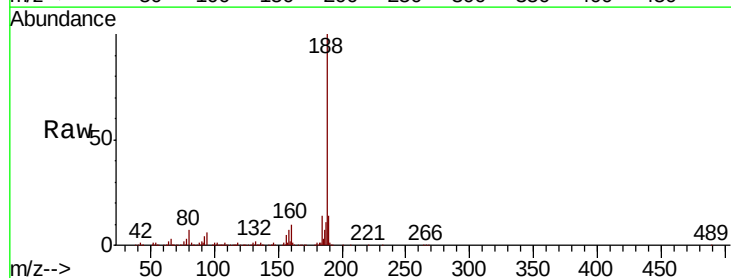


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

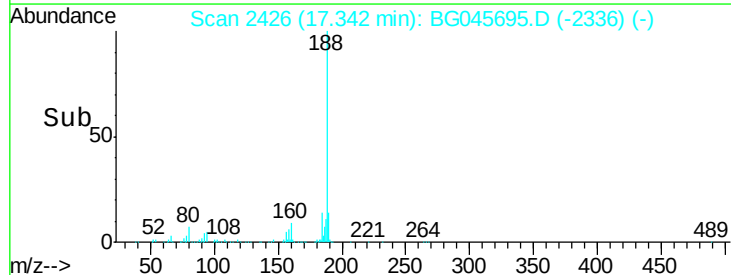
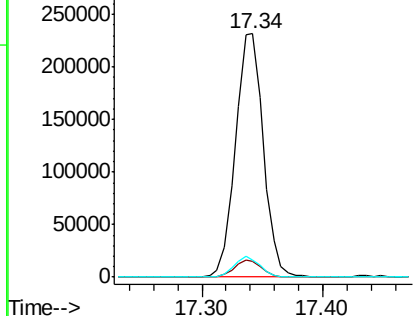


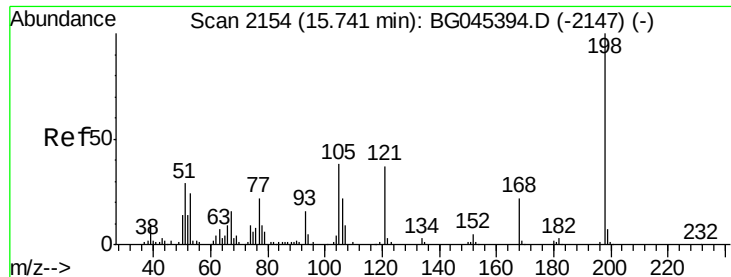
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion:	188	Resp:	372839
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.5	8.3
80	7.2	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.704 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

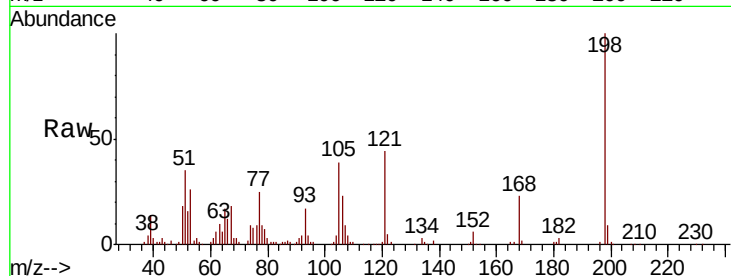
Tot Ion:198 Resp: 103585

Ion	Ratio	Lower	Upper
198	100		
51	34.6	10.0	50.0
105	39.1	18.9	58.9

198 100

51 34.6 10.0 50.0

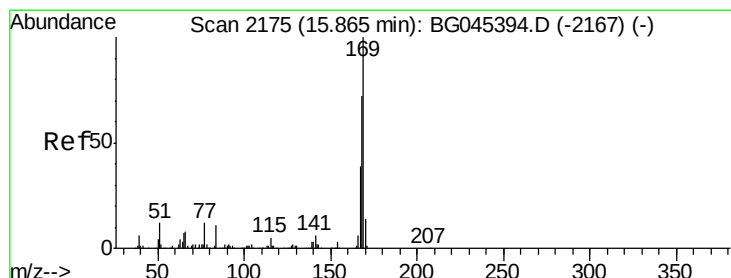
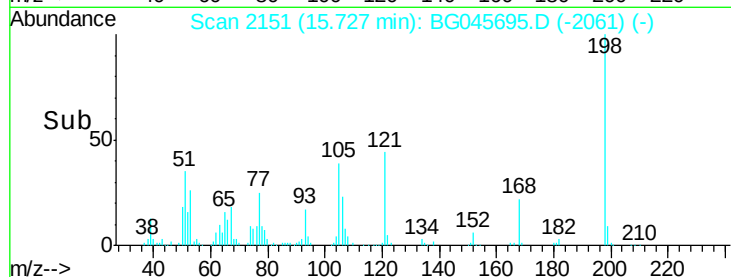
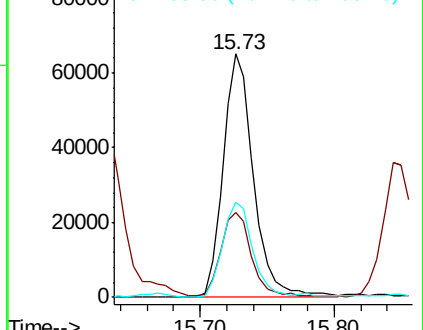
105 39.1 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.117 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

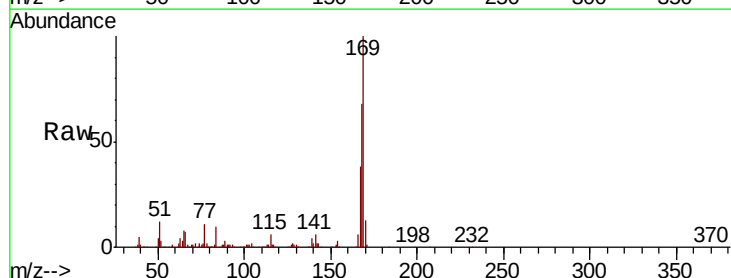
Tgt Ion:169 Resp: 448639

Ion	Ratio	Lower	Upper
169	100		
168	68.4	57.8	86.6
167	38.1	31.5	47.3

169 100

168 68.4 57.8 86.6

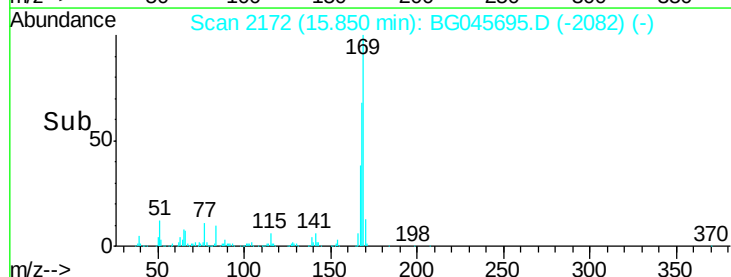
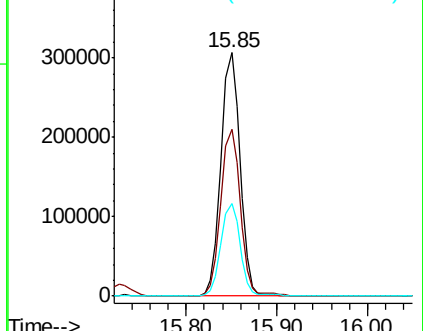
167 38.1 31.5 47.3

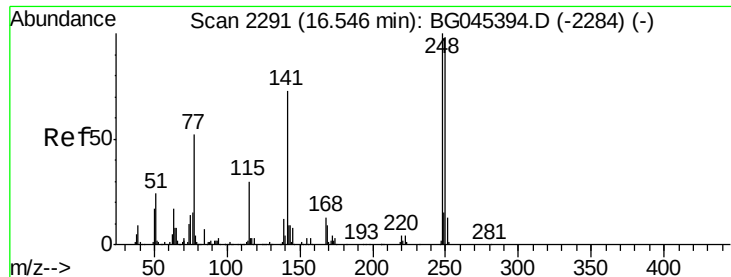


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

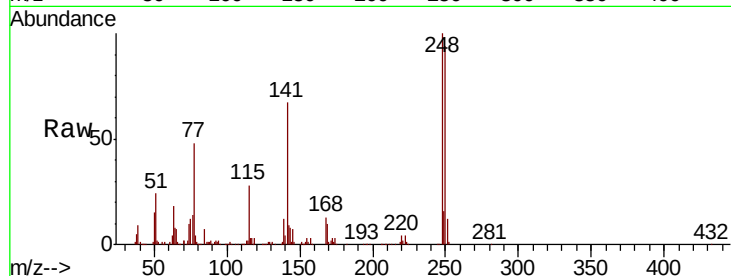




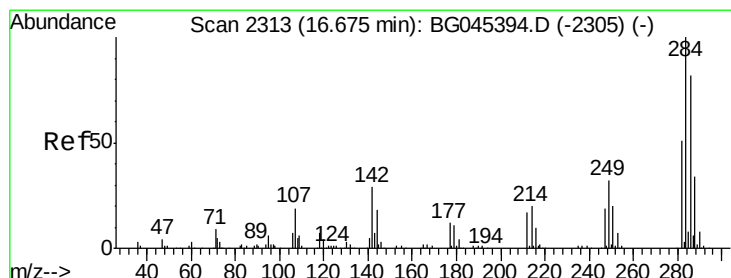
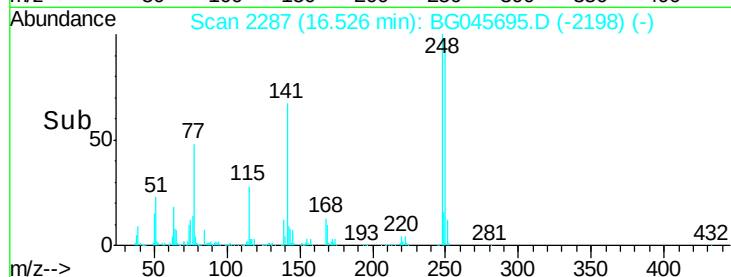
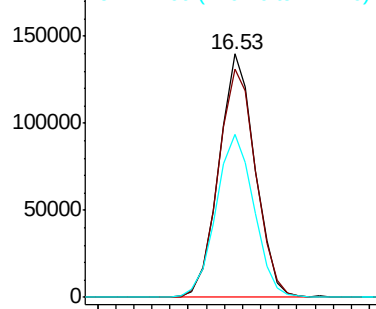
#67
4-Bromophenyl-phenylether
Concen: 47.844 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.5	78.6	117.8
141	66.9	58.2	87.2

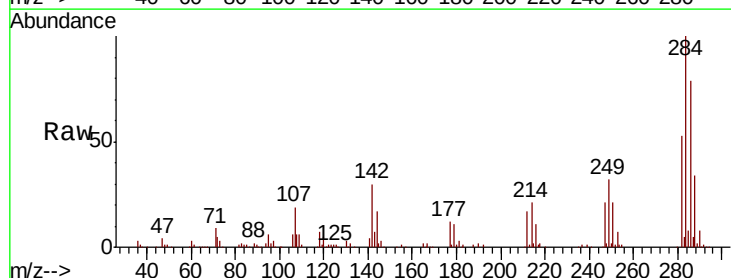


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

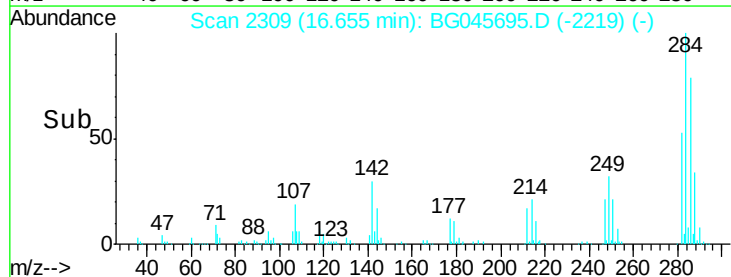
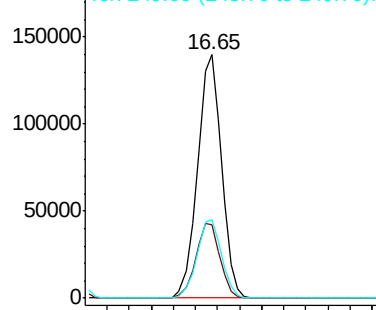


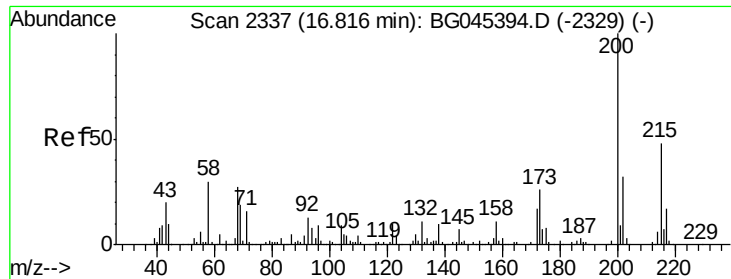
#68
Hexachlorobenzene
Concen: 50.273 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.0	34.6
249	32.4	25.8	38.6



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

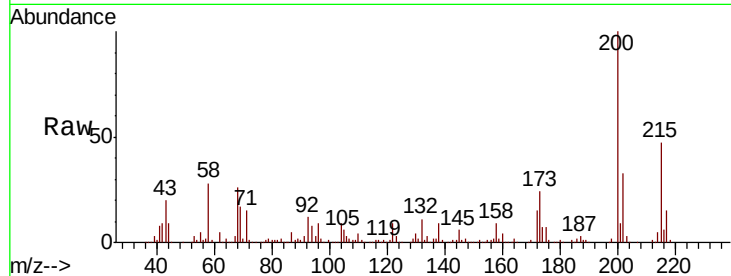




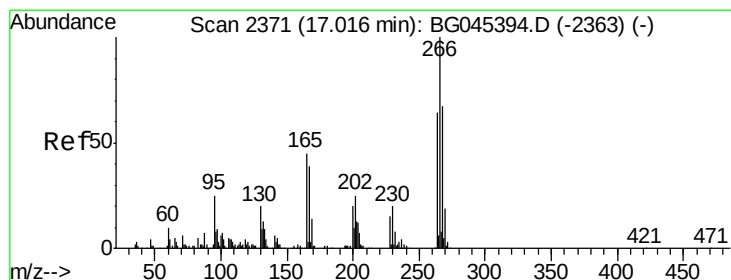
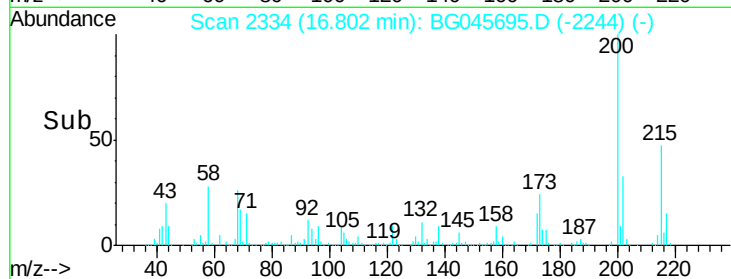
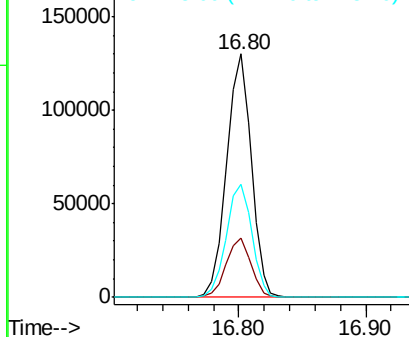
#69
 Atrazine
 Concen: 47.414 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.5	45.5
215	46.7	28.2	68.2

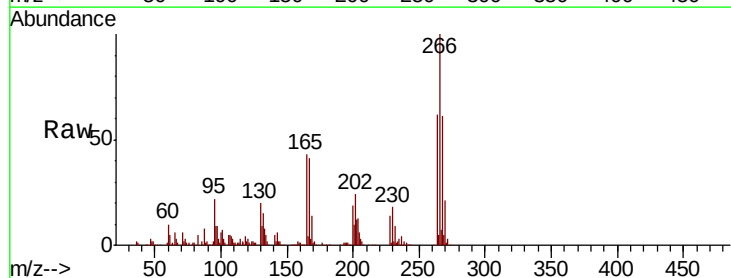


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

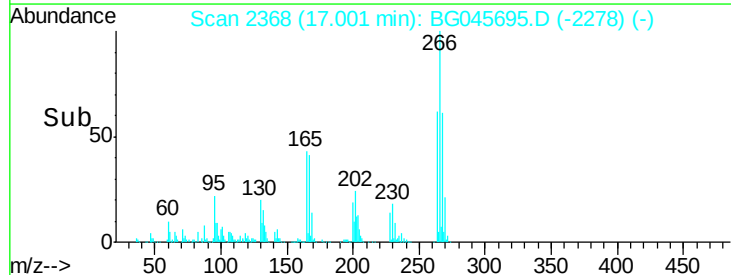
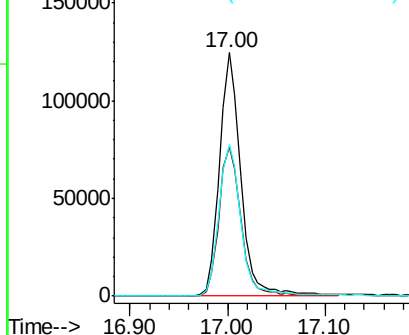


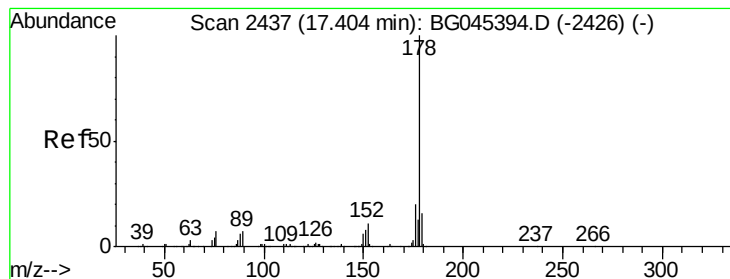
#70
 Pentachlorophenol
 Concen: 86.737 ng
 RT: 17.00 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	53.2	79.8
264	62.3	51.0	76.4



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





#71

Phenanthrene

Concen: 49.889 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

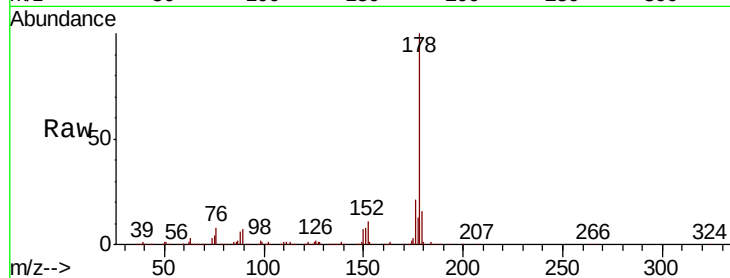
Tot Ion:178 Resp: 812024

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

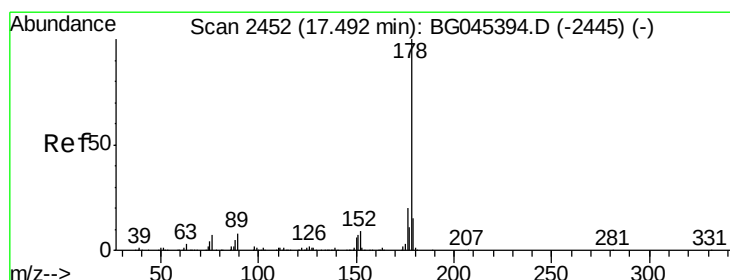
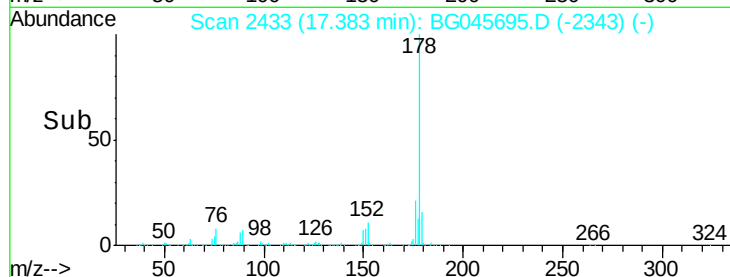
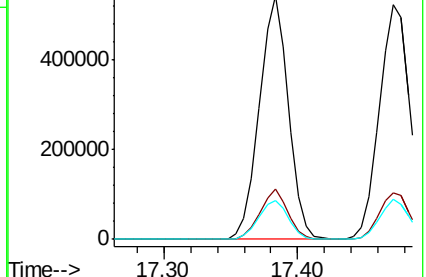
179 15.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.479 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

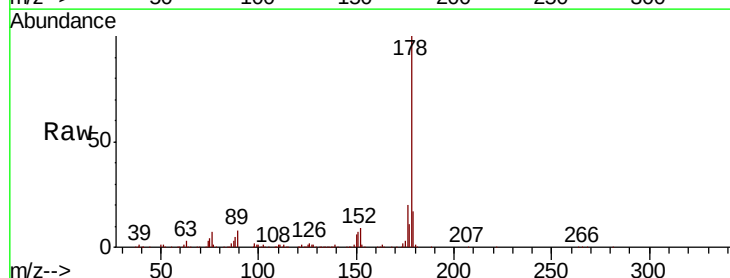
Tgt Ion:178 Resp: 825104

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

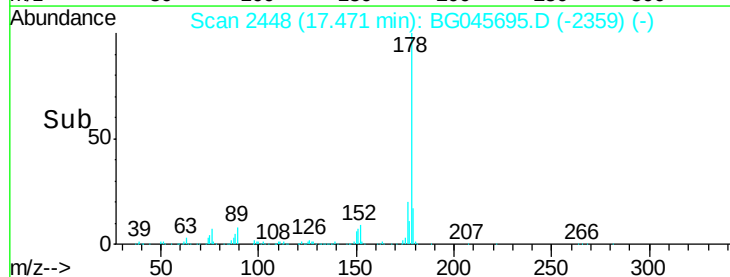
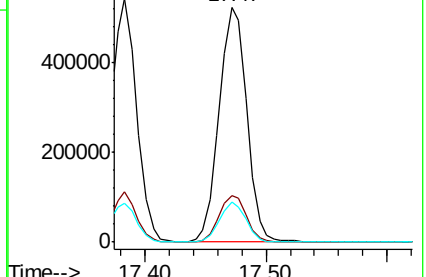
179 17.2 12.2 18.4

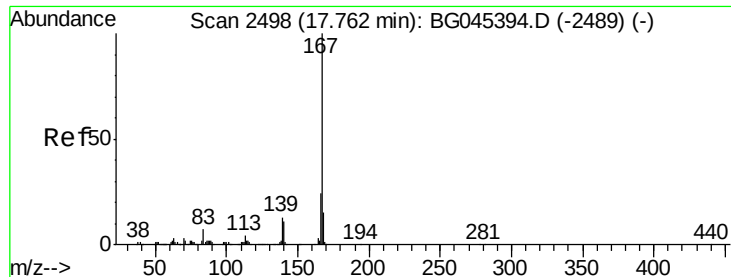


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

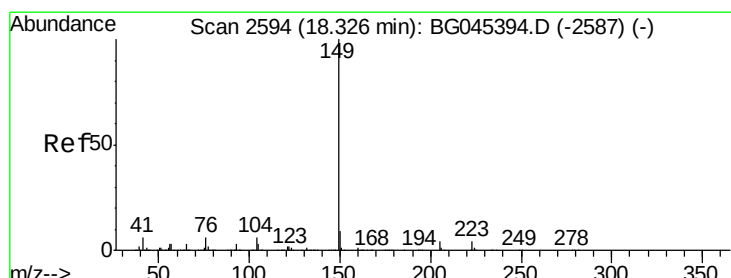
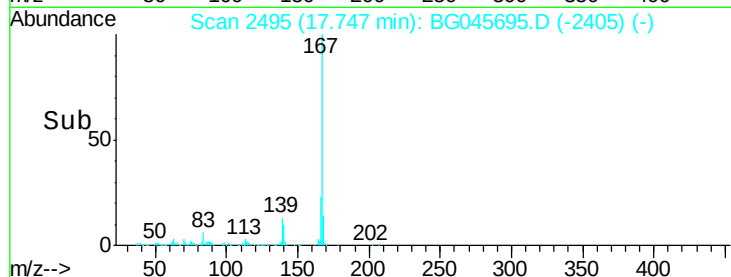
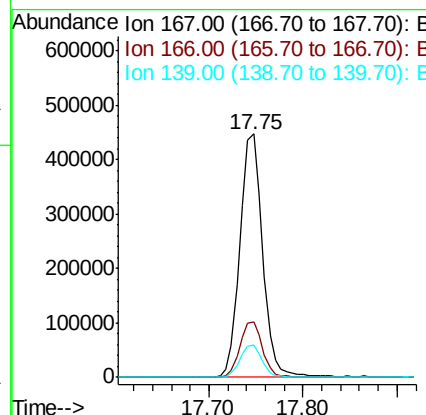
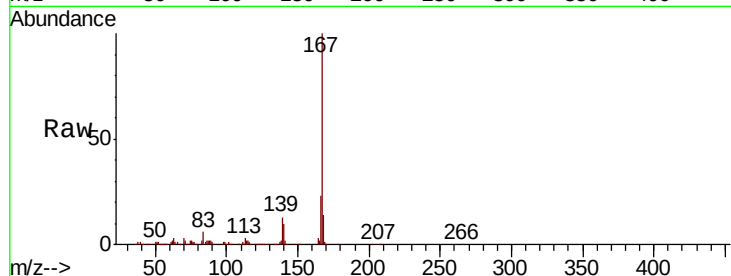




#73
 Carbazole
 Concen: 47.274 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

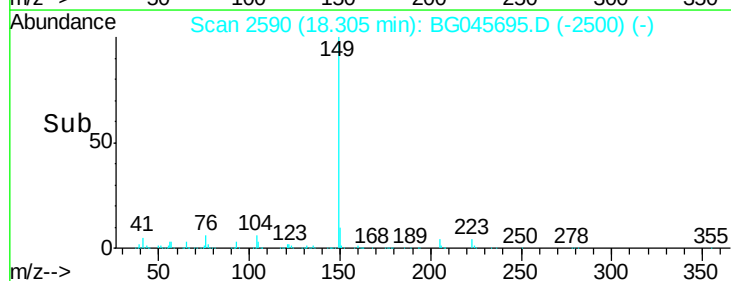
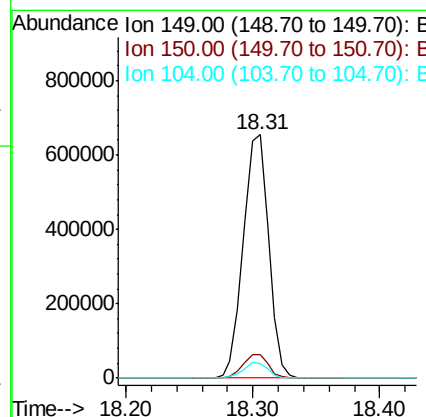
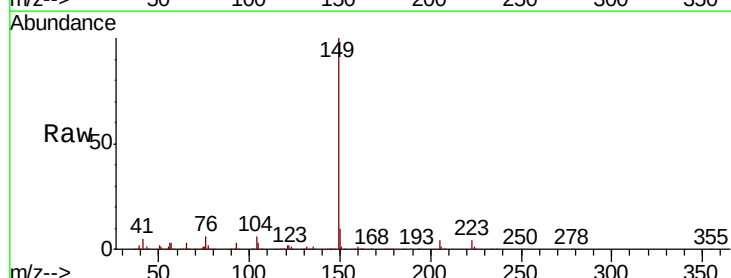
Instrument :
 BNA_G
 ClientSampleId :

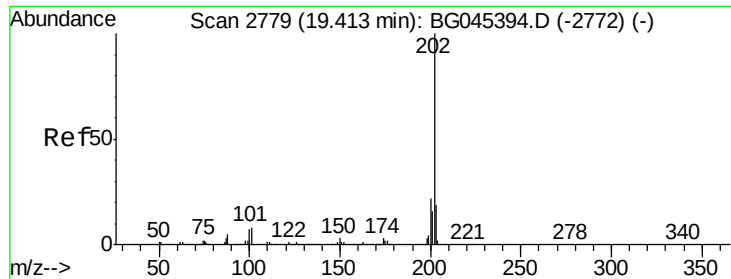
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.2	28.8
139	13.3	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 47.434 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045695.D
 Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 48.874 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

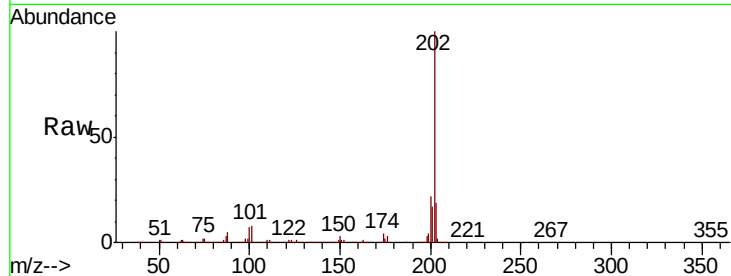
Tot Ion:202 Resp: 1011828

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.3

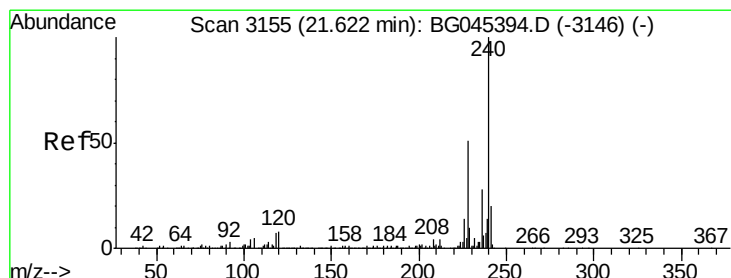
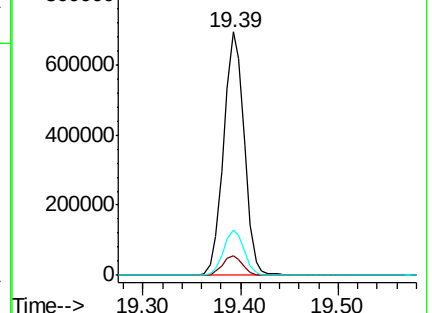
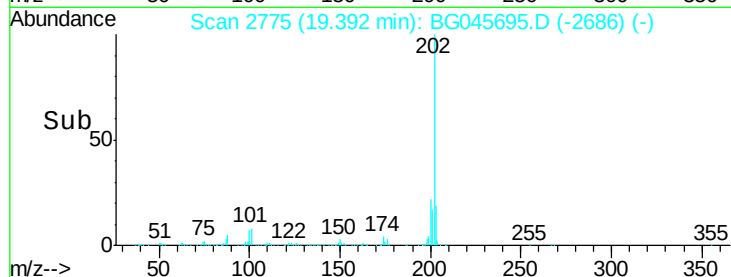
203 18.8 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

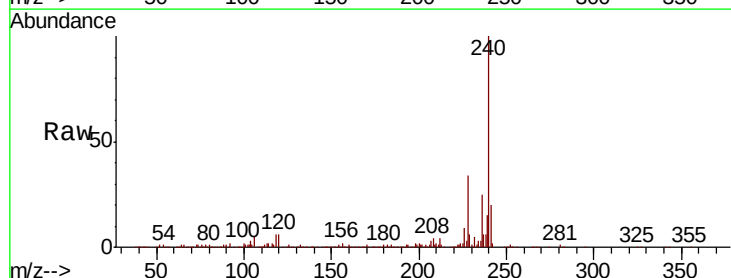
Tgt Ion:240 Resp: 347433

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

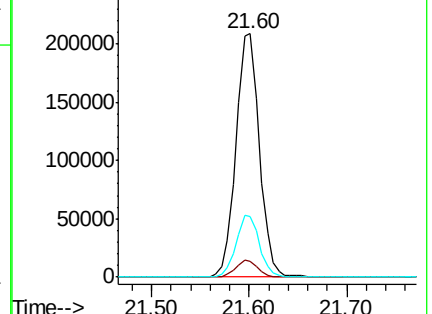
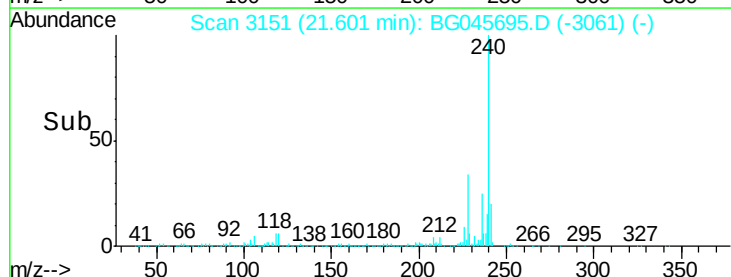
236 25.1 22.3 33.5

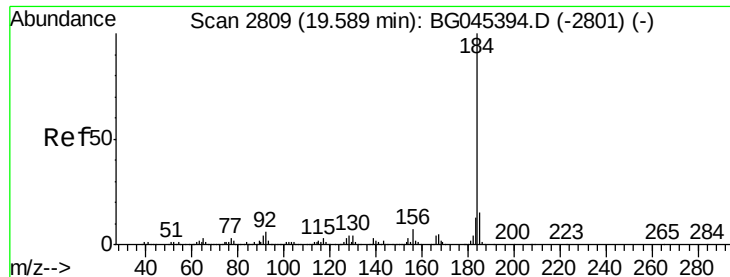


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.266 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

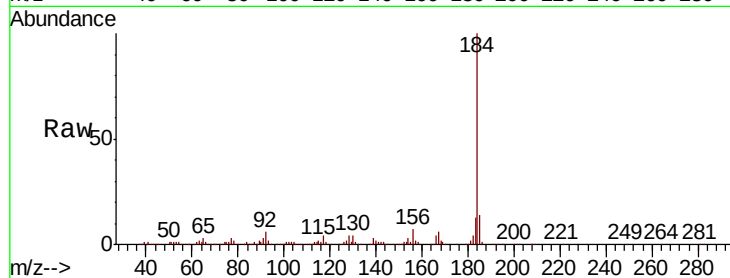
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 539279

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	13.2	10.2	15.4

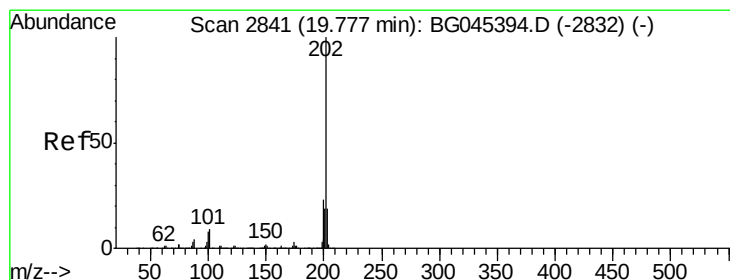
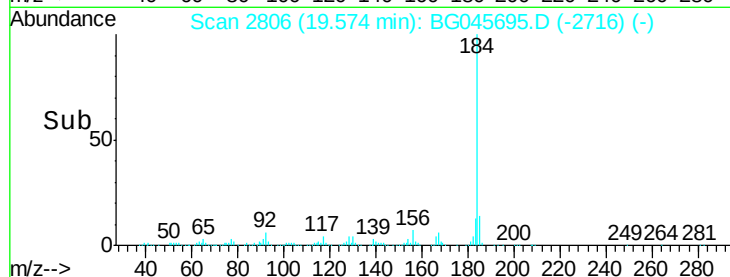
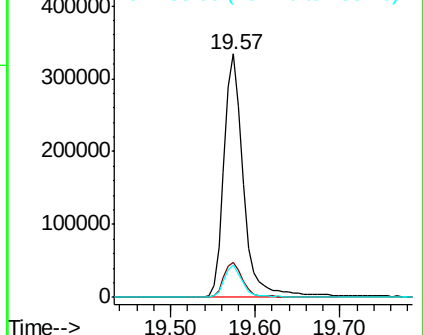


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.793 ng

RT: 19.76 min Scan# 2837

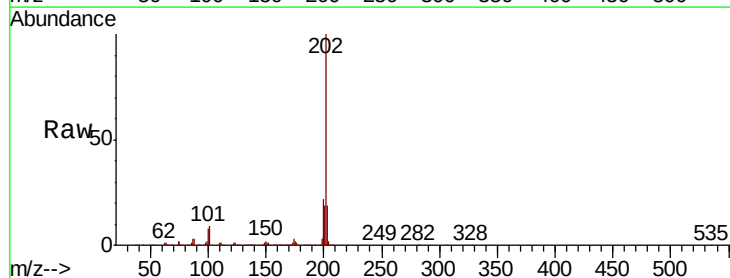
Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Tgt Ion:202 Resp: 986153

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.2
203	18.5	15.1	22.7

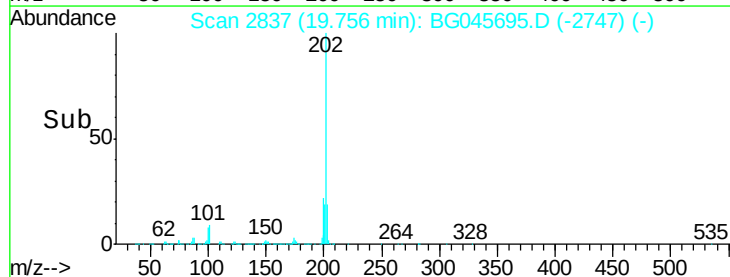
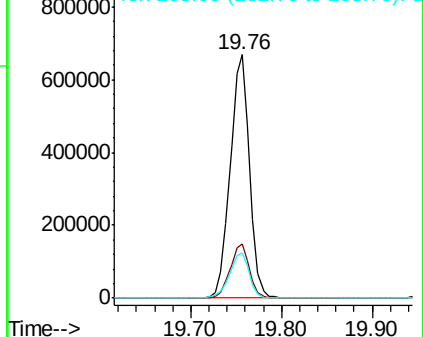


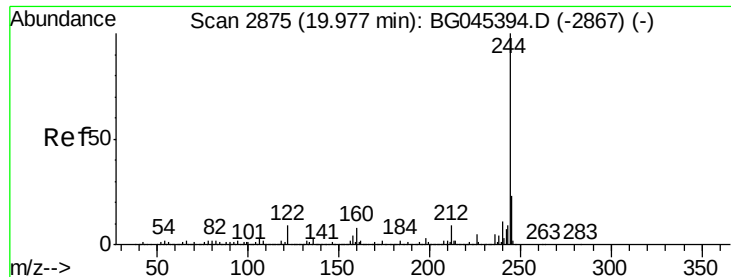
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.254 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampled :

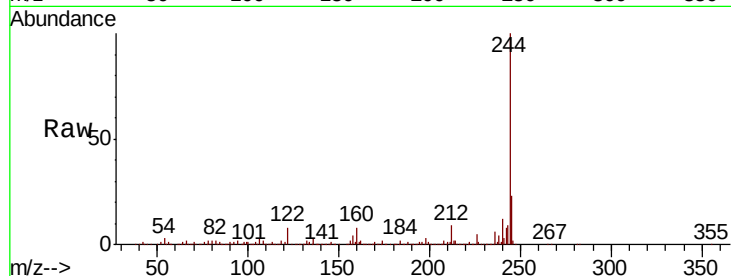
Tot Ion:244 Resp: 1508333

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

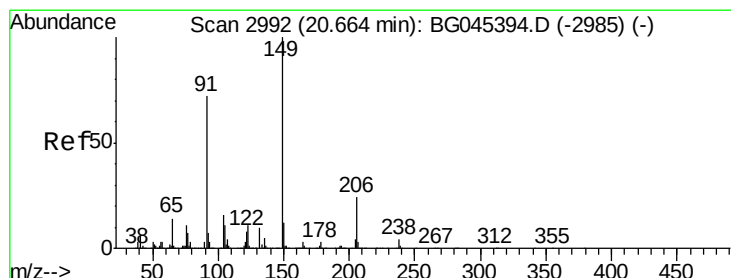
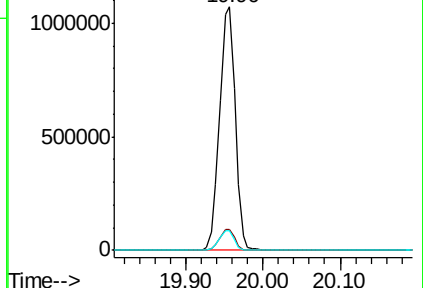
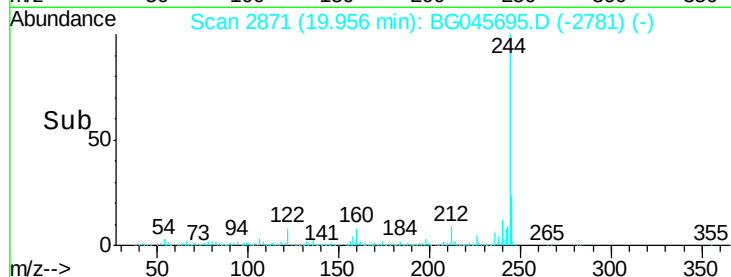
122 8.1 6.8 10.2



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: 46.603 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

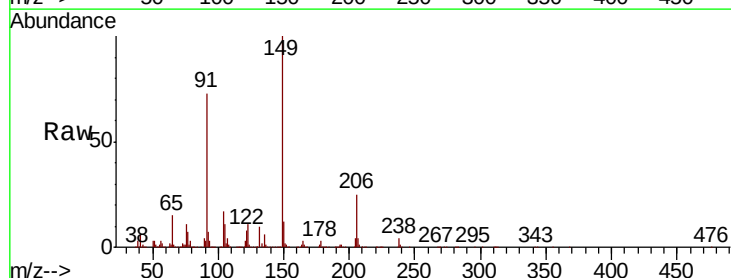
Tgt Ion:149 Resp: 398388

Ion Ratio Lower Upper

149 100

91 73.3 57.8 86.6

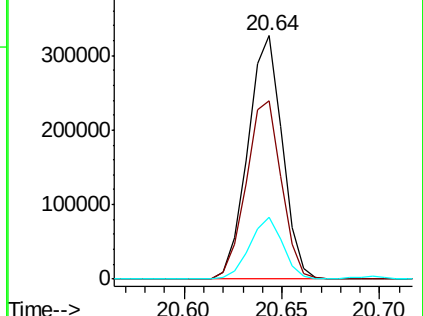
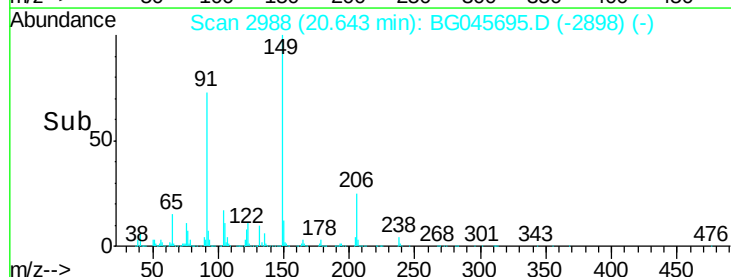
206 25.2 19.1 28.7

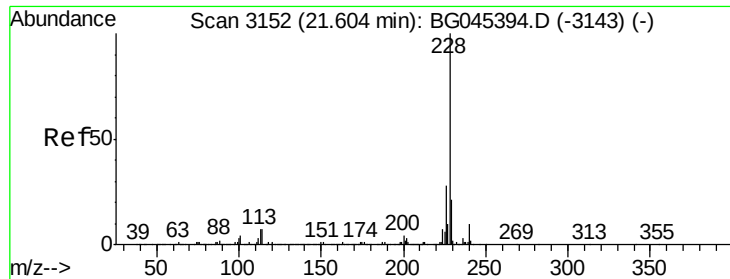


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

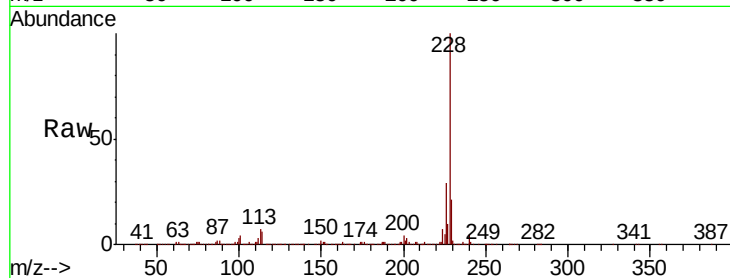




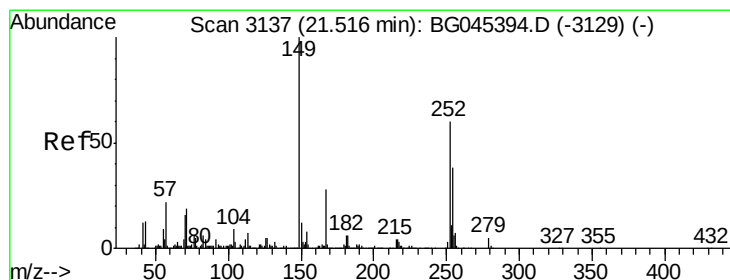
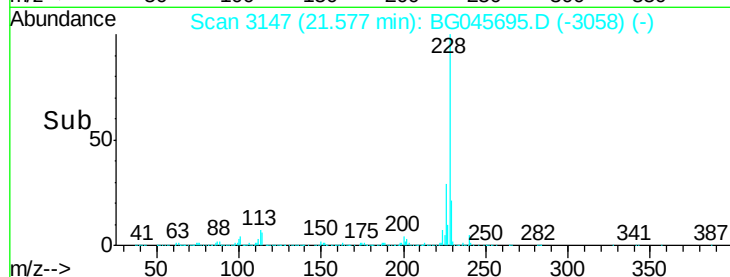
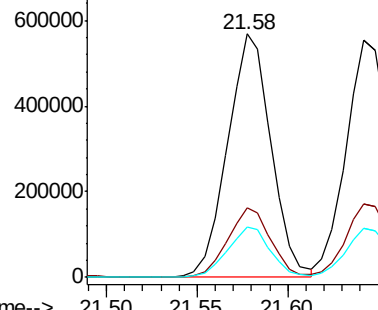
#81
Benzo(a)anthracene
Concen: 49.087 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 950054
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.9 16.7 25.1

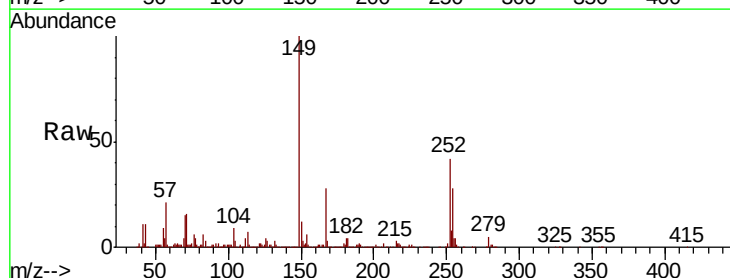


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

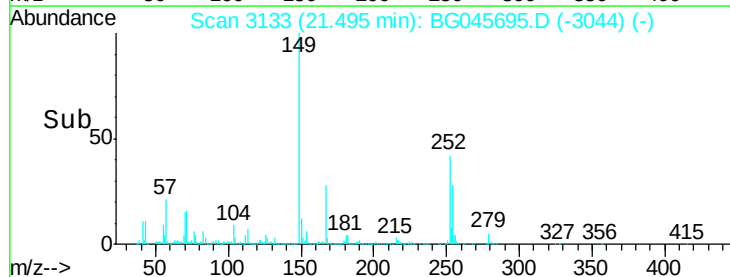
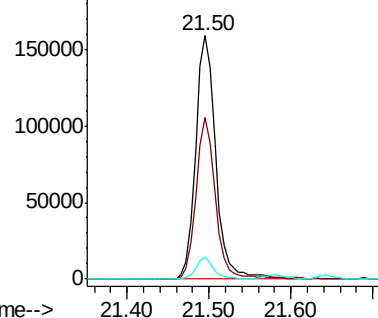


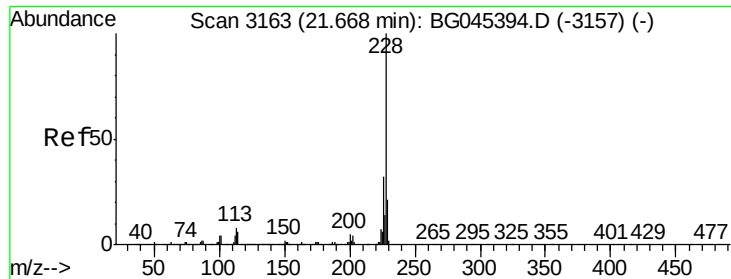
#82
3,3'-Dichlorobenzidine
Concen: 36.004 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion:252 Resp: 273343
Ion Ratio Lower Upper
252 100
254 66.3 51.3 76.9
126 9.3 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.232 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

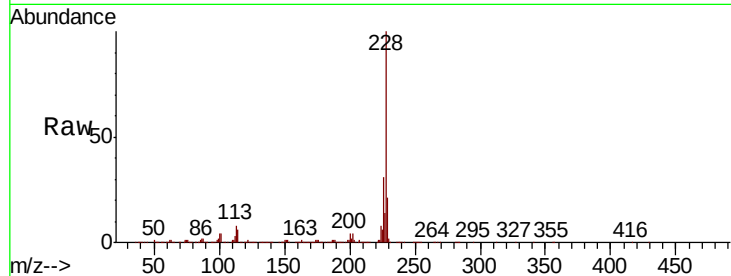
Tot Ion:228 Resp: 916204

Ion Ratio Lower Upper

228 100

226 31.0 25.2 37.8

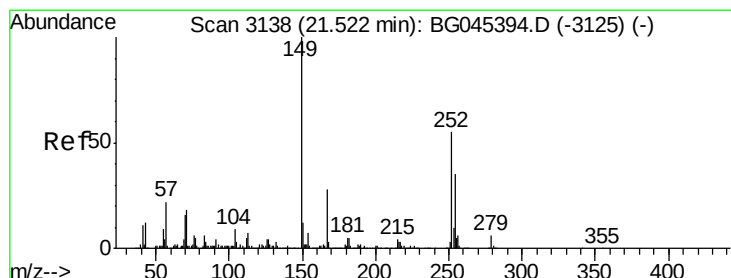
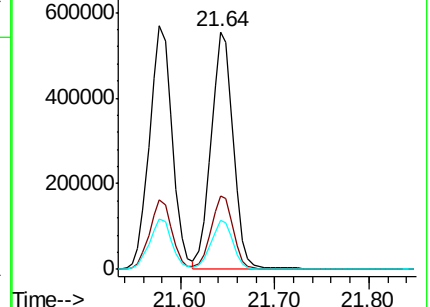
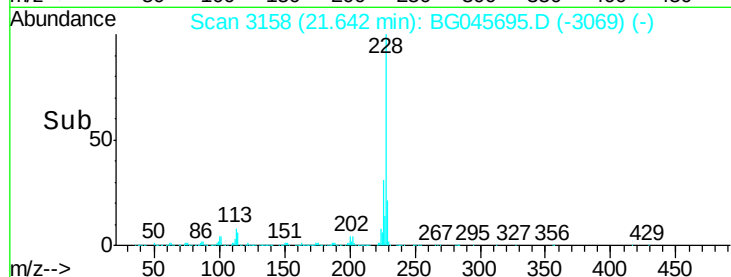
229 20.6 16.7 25.1



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: 48.134 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

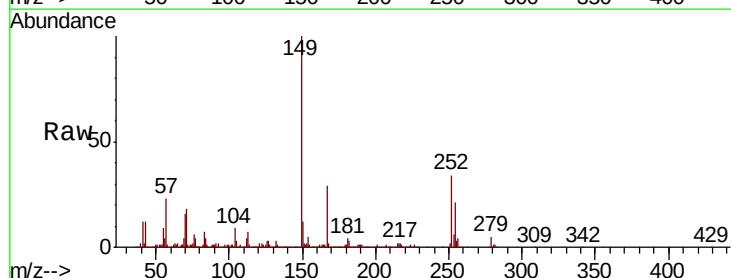
Tgt Ion:149 Resp: 565623

Ion Ratio Lower Upper

149 100

167 28.5 22.2 33.2

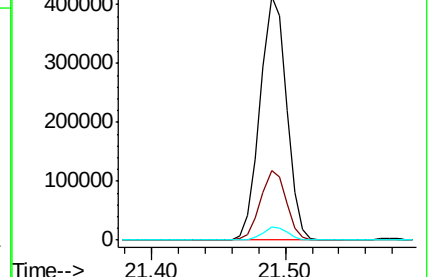
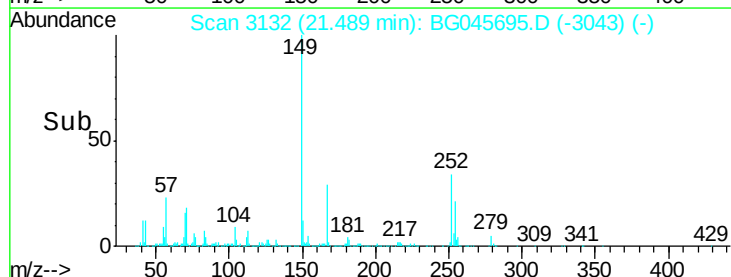
279 5.2 4.7 7.1

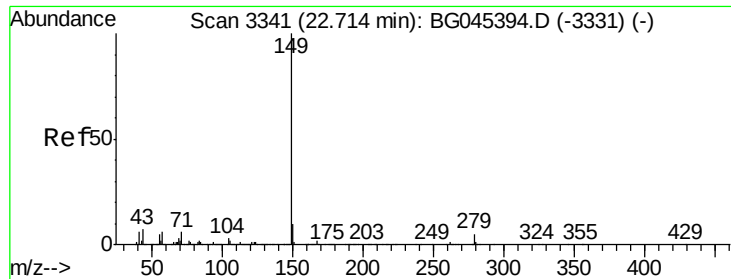


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.172 ng

RT: 22.67 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

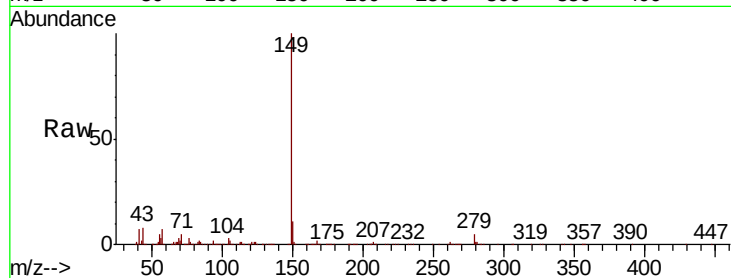
Tot Ion:149 Resp: 952067

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

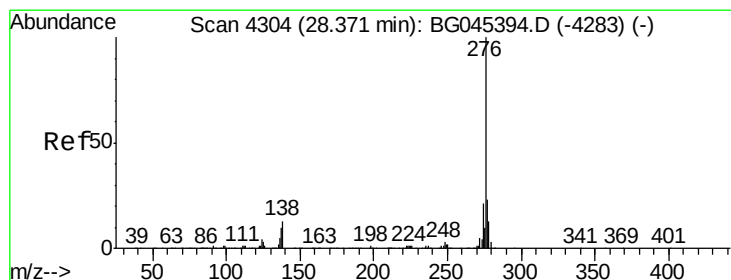
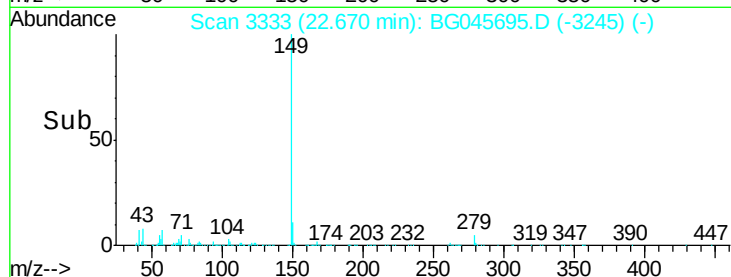
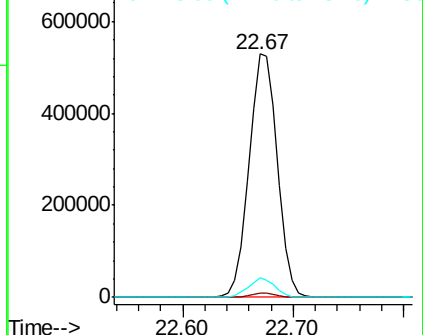
43 7.5 5.8 8.8



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: 49.021 ng

RT: 28.31 min Scan# 4293

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

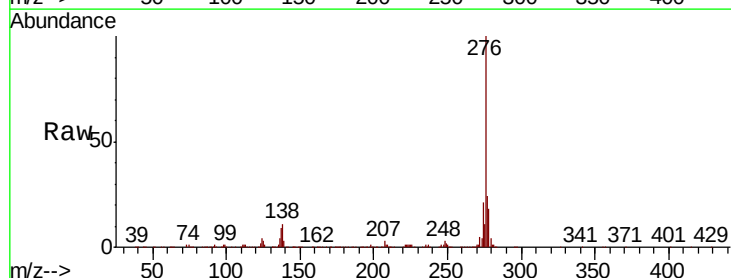
Tgt Ion:276 Resp: 1192969

Ion Ratio Lower Upper

276 100

138 6.4 8.6 12.8#

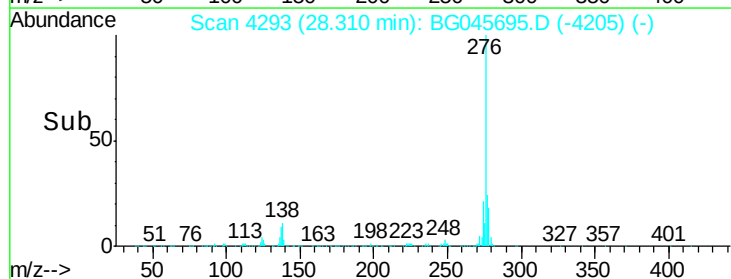
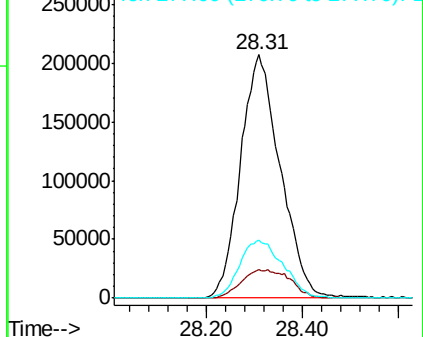
277 26.0 20.2 30.4

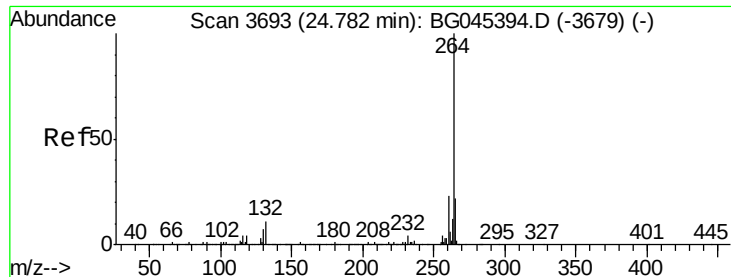


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

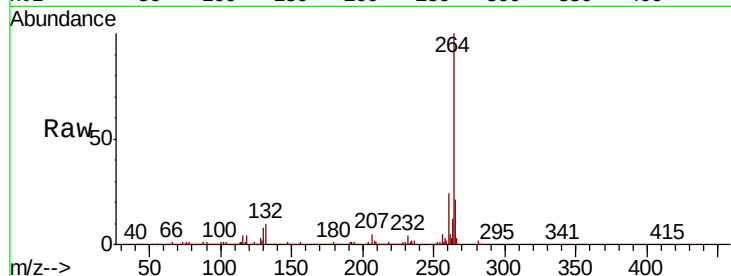
Tot Ion:264 Resp: 379135

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

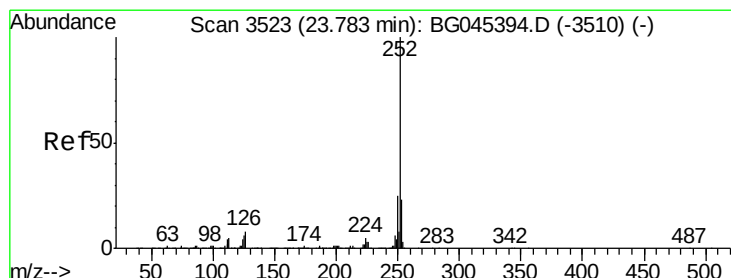
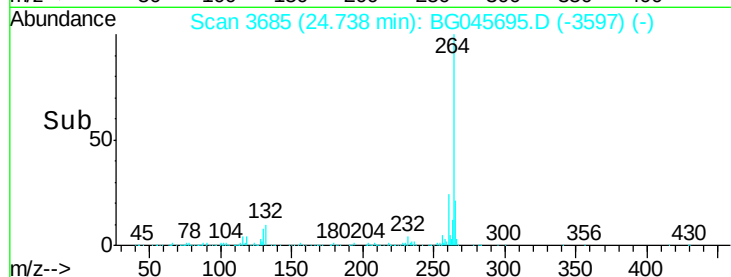
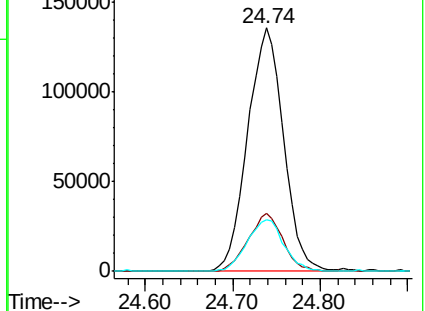
265 21.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.827 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

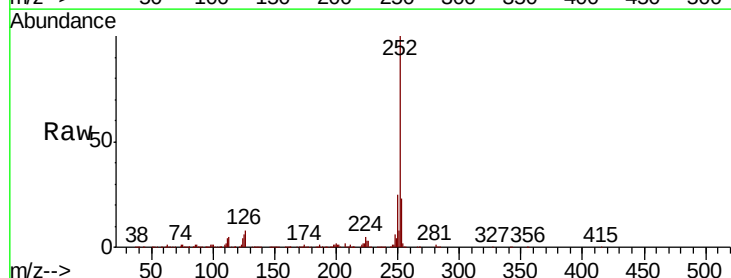
Tgt Ion:252 Resp: 1053830

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

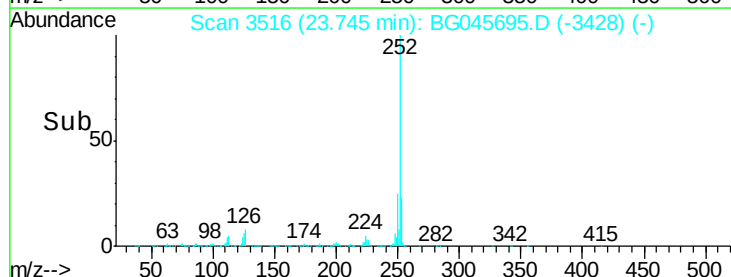
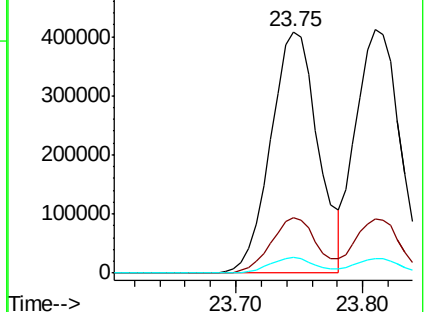
125 6.5 5.0 7.6

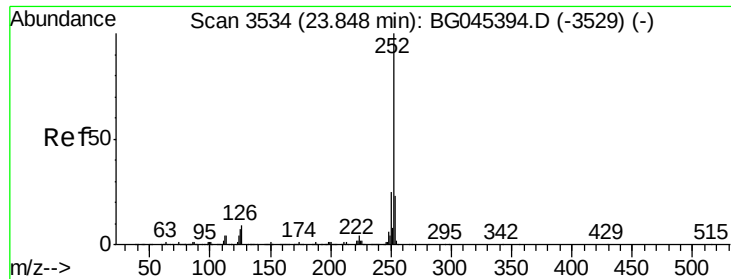


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.899 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

Instrument :

BNA_G

ClientSampleId :

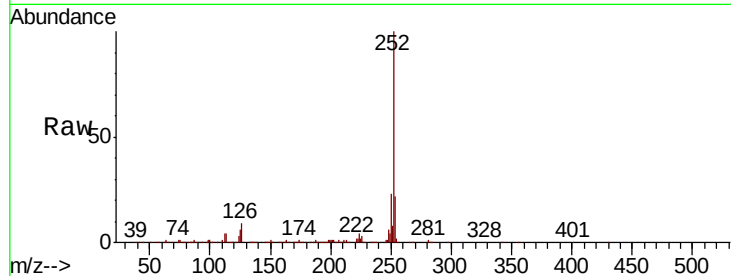
Tot Ion:252 Resp: 991425

Ion Ratio Lower Upper

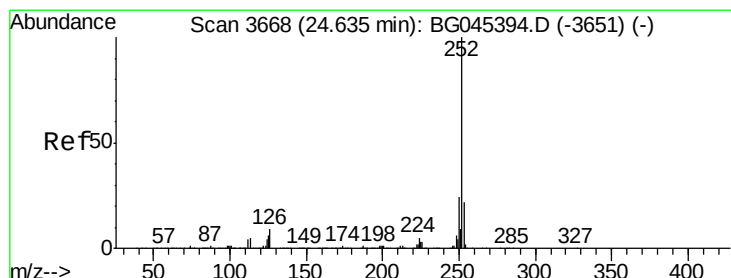
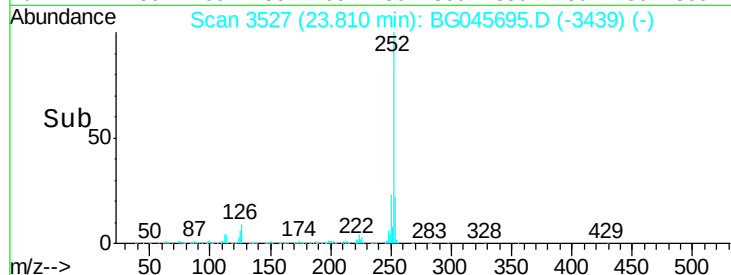
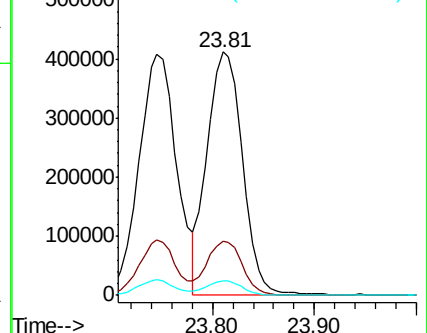
252 100

253 22.4 18.4 27.6

125 6.1 5.7 8.5



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



#90

Benzo(a)pyrene

Concen: 50.171 ng

RT: 24.59 min Scan# 3660

Delta R.T. -0.01 min

Lab File: BG045695.D

Acq: 10 Jun 2020 17:14

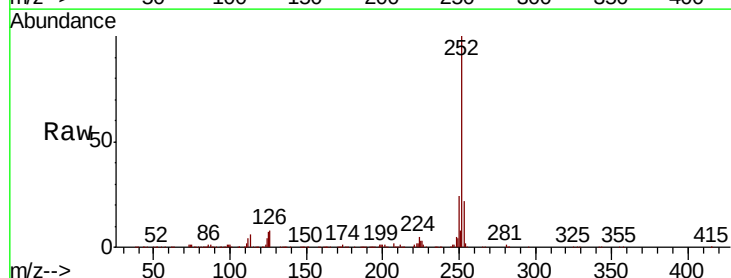
Tgt Ion:252 Resp: 950089

Ion Ratio Lower Upper

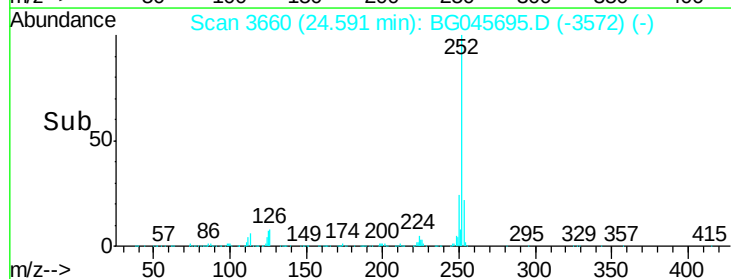
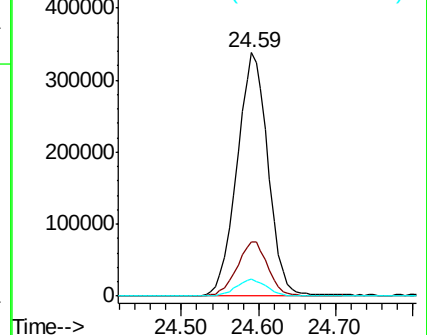
252 100

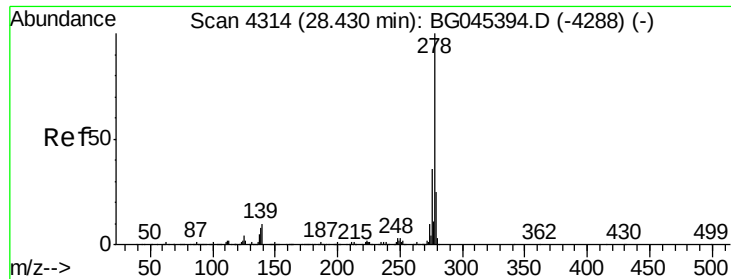
253 22.3 17.2 25.8

125 6.9 5.0 7.6



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

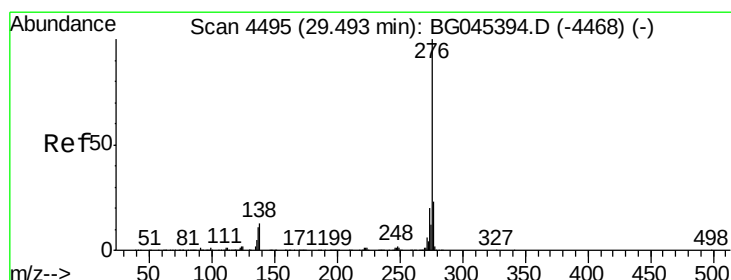
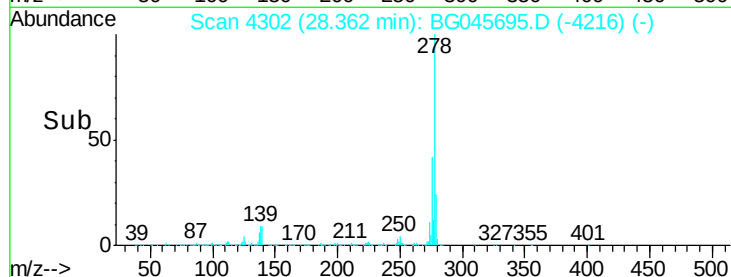
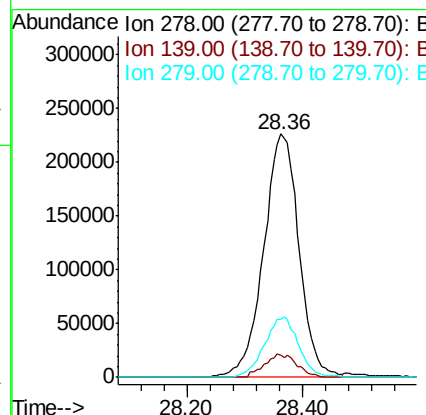
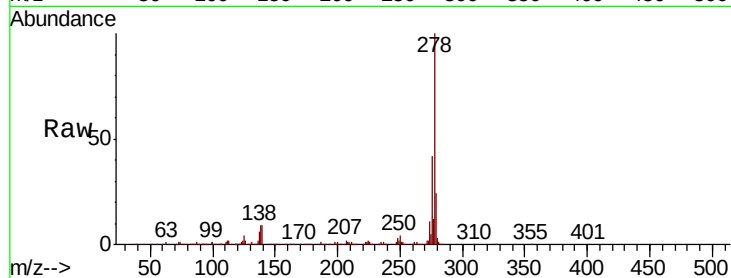




#91
Dibenzo(a,h)anthracene
Concen: 50.736 ng
RT: 28.36 min Scan# 4302
Delta R.T. -0.03 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.8	11.8
279	23.7	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 51.124 ng
RT: 29.42 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG045695.D
Acq: 10 Jun 2020 17:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.1	27.1
138	11.4	10.2	15.4

