

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045699.D
 Acq On : 10 Jun 2020 19:56
 Operator : CG/JU
 Sample : L2950-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MS

Quant Time: Jun 11 00:44:33 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	7.94	152	57939	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	243542	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	187440	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	448669	20.00	ng	0.00
76) Chrysene-d12	21.60	240	409639	20.00	ng	0.00
87) Perylene-d12	24.74	264	450776	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	291470	98.31	ng	0.00
7) Phenol-d6	7.14	99	421684	99.93	ng	0.00
23) Nitrobenzene-d5	9.11	82	278427	62.34	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	219869	91.72	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	663334	60.03	ng	0.00
79) Terphenyl-d14	19.95	244	1183709	67.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	52028	35.389	ng	93
3) Pyridine	3.80	79	141094	34.459	ng	98
4) n-Nitrosodimethylamine	3.71	42	58678	43.795	ng	# 84
6) Aniline	7.27	93	113152	20.542	ng	98
8) 2-Chlorophenol	7.52	128	155261	47.756	ng	98
9) Benzaldehyde	7.08	77	114262	41.562	ng	98
10) Phenol	7.16	94	211992	48.746	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	139599	41.153	ng	97
12) 1,3-Dichlorobenzene	7.84	146	158685	40.616	ng	98
13) 1,4-Dichlorobenzene	7.98	146	160644	41.665	ng	99
14) 1,2-Dichlorobenzene	8.30	146	153994	41.526	ng	97
15) Benzyl Alcohol	8.19	79	160058	45.917	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	130585	40.555	ng	98
17) 2-Methylphenol	8.41	107	140866	43.275	ng	99
18) Hexachloroethane	9.03	117	61440	41.606	ng	91
19) n-Nitroso-di-n-propylamine	8.75	70	128403	44.005	ng	97
20) 3+4-Methylphenols	8.74	107	190788	43.042	ng	93
22) Acetophenone	8.77	105	228284	39.549	ng	# 99
24) Nitrobenzene	9.15	77	199113	41.613	ng	97
25) Isophorone	9.68	82	355815	40.455	ng	97
26) 2-Nitrophenol	9.86	139	86371	42.196	ng	92
27) 2,4-Dimethylphenol	9.94	122	139548	45.966	ng	94
28) bis(2-Chloroethoxy)methane	10.16	93	198269	42.984	ng	99
29) 2,4-Dichlorophenol	10.42	162	162836	45.421	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	175710	41.478	ng	96
31) Naphthalene	10.80	128	475244	41.876	ng	99
32) Benzoic acid	10.11	122	70483	37.031	ng	99
33) 4-Chloroaniline	10.92	127	50752	10.698	ng	98
34) Hexachlorobutadiene	11.09	225	122631	40.953	ng	98
35) Caprolactam	11.70	113	33512	25.467	ng	92
36) 4-Chloro-3-methylphenol	12.07	107	191079	47.300	ng	95
37) 2-Methylnaphthalene	12.41	142	372334	44.018	ng	99
38) 1-Methylnaphthalene	12.63	142	352668	44.137	ng	# 96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	208217	39.770	ng	98

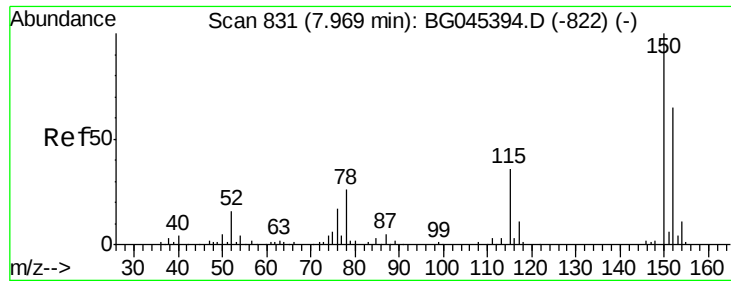
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	228252	75.534	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	150024	41.251	ng	98
44) 2,4,5-Trichlorophenol	13.11	196	155026	37.302	ng	97
46) 1,1'-Biphenyl	13.42	154	478137	41.515	ng	99
47) 2-Chloronaphthalene	13.47	162	368913	39.445	ng	98
48) 2-Nitroaniline	13.67	65	123220	40.053	ng	94
49) Acenaphthylene	14.31	152	603645	40.183	ng	98
50) Dimethylphthalate	14.05	163	625191	48.622	ng	99
51) 2,6-Dinitrotoluene	14.16	165	117415	40.468	ng	97
52) Acenaphthene	14.66	154	370066	36.801	ng	98
53) 3-Nitroaniline	14.50	138	45948	15.578	ng	99
54) 2,4-Dinitrophenol	14.71	184	128962	68.680	ng	98
55) Dibenzofuran	14.99	168	600738	40.229	ng	94
56) 4-Nitrophenol	14.84	139	157250	70.420	ng	84
57) 2,4-Dinitrotoluene	14.96	165	167551	39.873	ng	95
58) Fluorene	15.64	166	516241	42.080	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	151579	41.456	ng	98
60) Diethylphthalate	15.41	149	536044	40.053	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	282442	40.232	ng	98
62) 4-Nitroaniline	15.67	138	111951	36.358	ng	98
63) Azobenzene	15.93	77	524949	42.066	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	106594	40.793	ng	91
66) n-Nitrosodiphenylamine	15.85	169	450686	41.837	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	197448	40.641	ng	99
68) Hexachlorobenzene	16.65	284	213807	42.076	ng	99
69) Atrazine	16.80	200	173402	39.080	ng	98
70) Pentachlorophenol	17.00	266	204372	77.458	ng	98
71) Phenanthrene	17.38	178	836107	42.687	ng	100
72) Anthracene	17.47	178	840027	42.706	ng	98
73) Carbazole	17.75	167	762584	39.773	ng	98
74) Di-n-butylphthalate	18.31	149	920367	39.994	ng	100
75) Fluoranthene	19.39	202	1028029	41.264	ng	99
77) Benzidine	19.57	184	425943	37.023	ng	100
78) Pyrene	19.76	202	1006986	43.124	ng	100
80) Butylbenzylphthalate	20.64	149	404127	40.096	ng	99
81) Benzo(a)anthracene	21.58	228	955153	41.857	ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	177901	19.874	ng	97
83) Chrysene	21.64	228	919436	41.903	ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	563520	40.673	ng	99
85) Di-n-octyl phthalate	22.68	149	951284	39.976	ng	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1212626	42.262	ng	99
88) Benzo(b)fluoranthene	23.75	252	1052011	43.515	ng	99
89) Benzo(k)fluoranthene	23.82	252	991343	43.647	ng	99
90) Benzo(a)pyrene	24.59	252	947138	42.066	ng	100
91) Dibenzo(a,h)anthracene	28.37	278	983785	43.481	ng	99
92) Benzo(g,h,i)perylene	29.42	276	985855	43.567	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG045699.D

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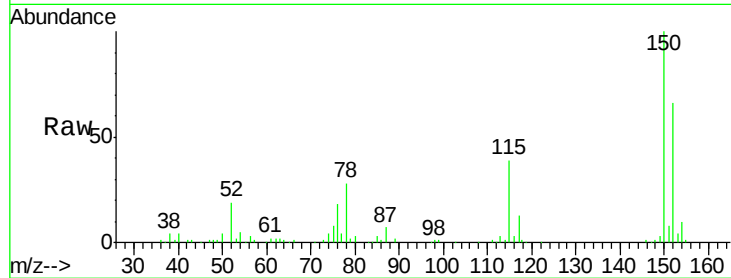
Tot Ion:152 Resp: 57939

Ion Ratio Lower Upper

152 100

150 151.1 122.4 183.6

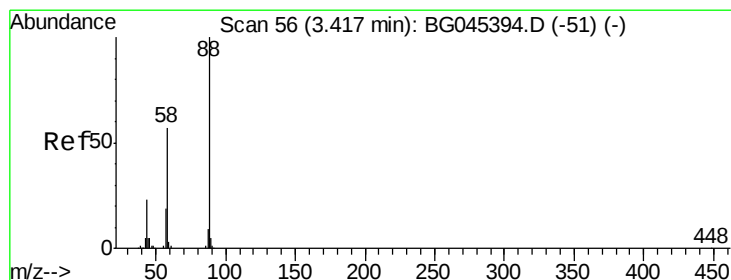
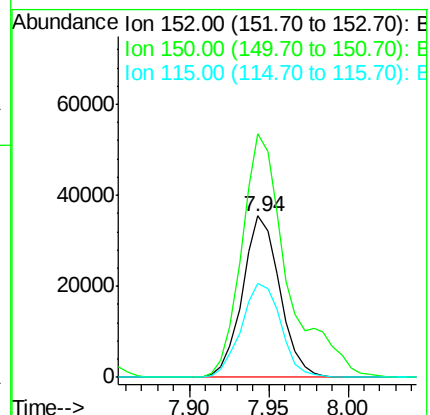
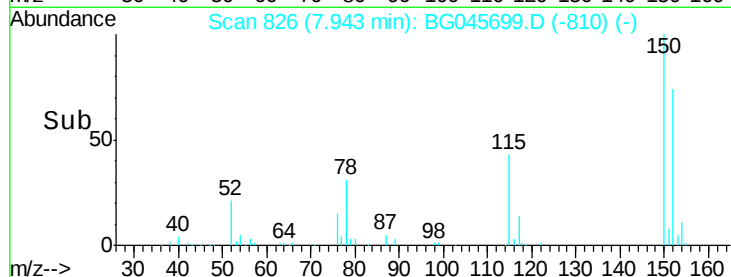
115 58.6 44.2 66.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.389 ng

RT: 3.40 min Scan# 52

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

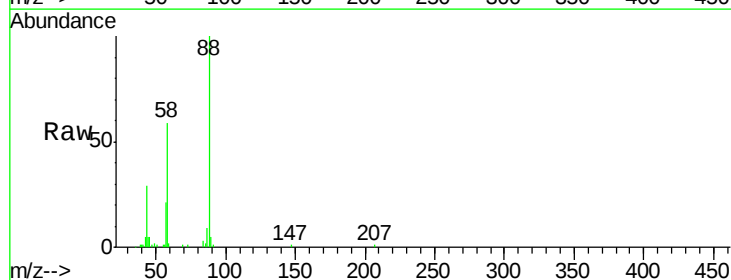
Tgt Ion: 88 Resp: 52028

Ion Ratio Lower Upper

88 100

58 63.2 45.7 68.5

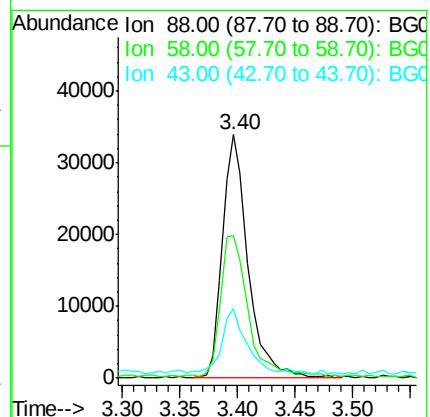
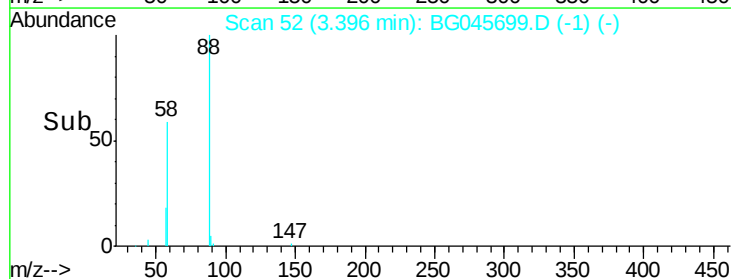
43 22.8 16.8 25.2

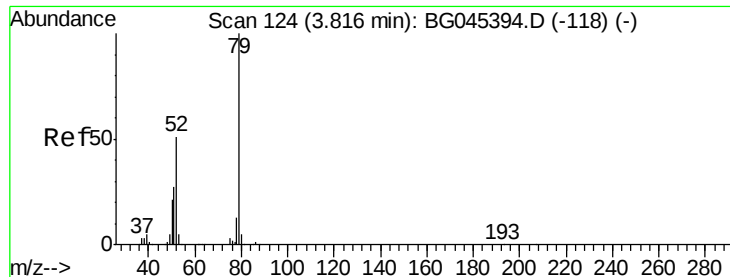


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.459 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

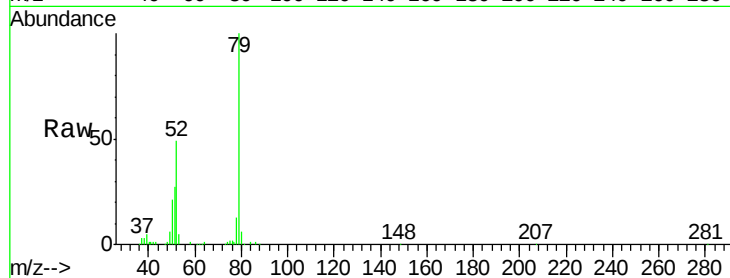
Tot Ion: 79 Resp: 141094

Ion Ratio Lower Upper

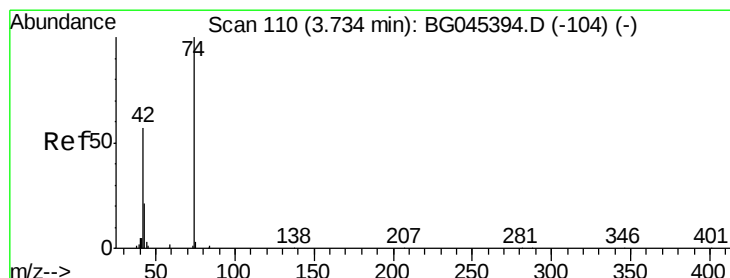
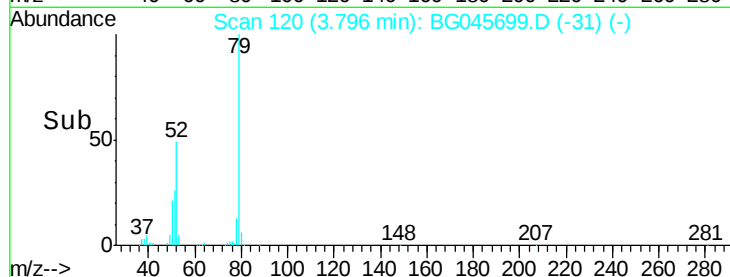
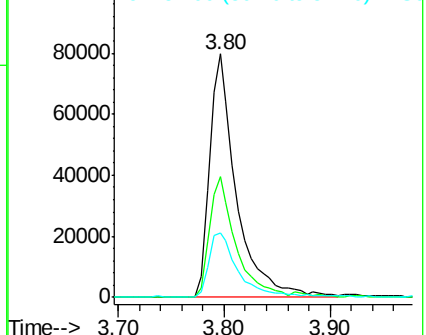
79 100

52 49.5 40.8 61.2

51 26.7 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 43.795 ng

RT: 3.71 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

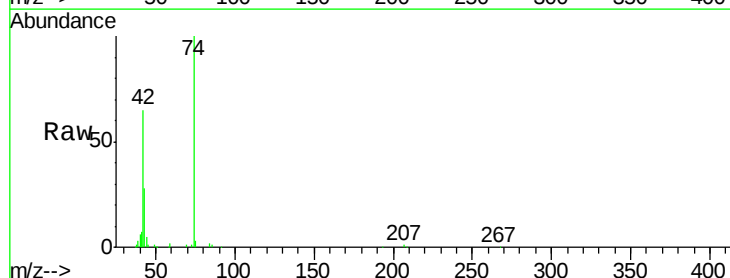
Tgt Ion: 42 Resp: 58678

Ion Ratio Lower Upper

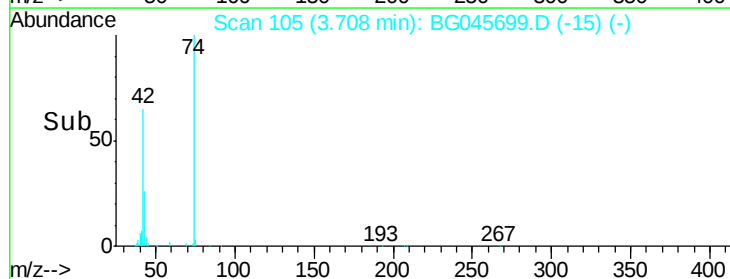
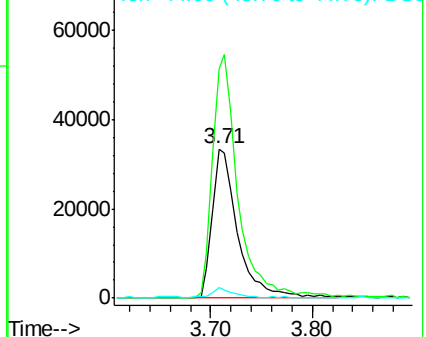
42 100

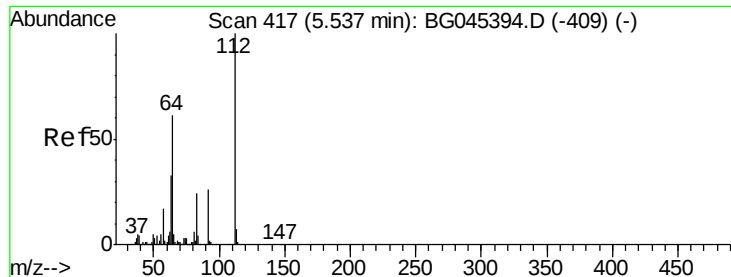
74 153.8 141.3 211.9

44 7.0 4.2 6.4#



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





#5

2-Fluorophenol

Concen: 98.314 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

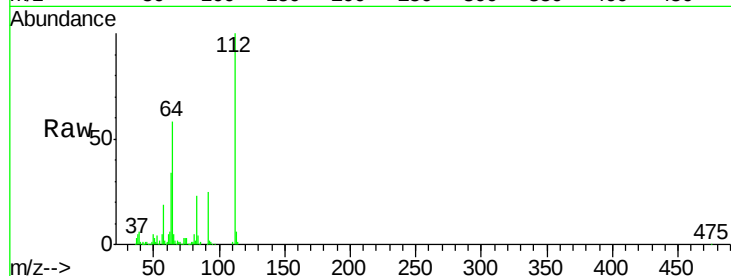
Tot Ion:112 Resp: 291470

Ion Ratio Lower Upper

112 100

64 58.1 48.6 72.8

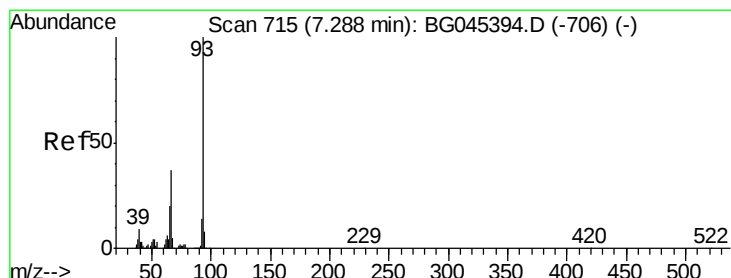
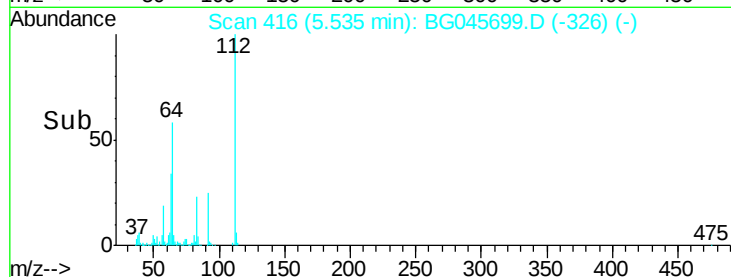
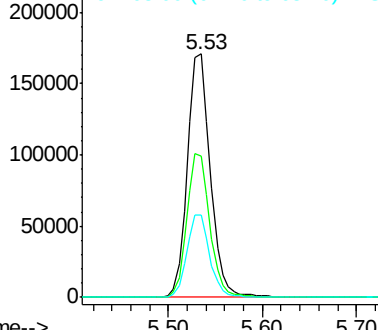
63 34.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.542 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

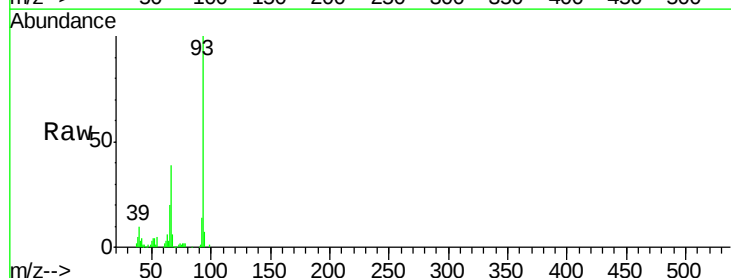
Tgt Ion: 93 Resp: 113152

Ion Ratio Lower Upper

93 100

66 39.2 29.6 44.4

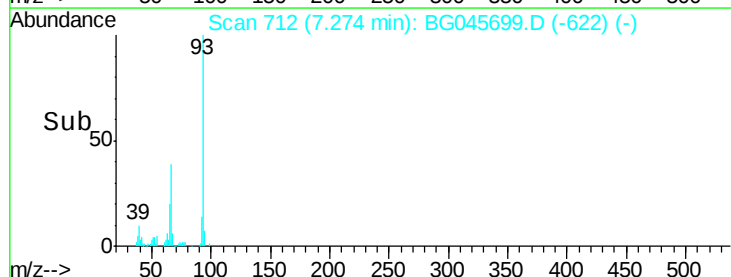
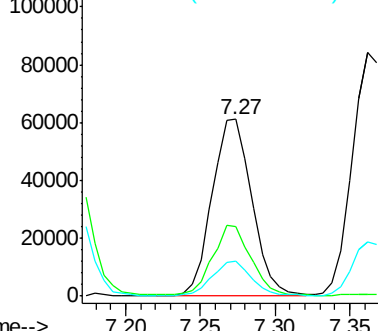
65 20.0 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.933 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045699.D

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ClientSampleId :

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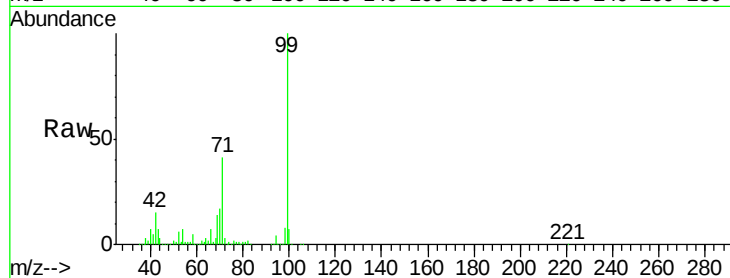
Tot Ion: 99 Resp: 421684

Ion Ratio Lower Upper

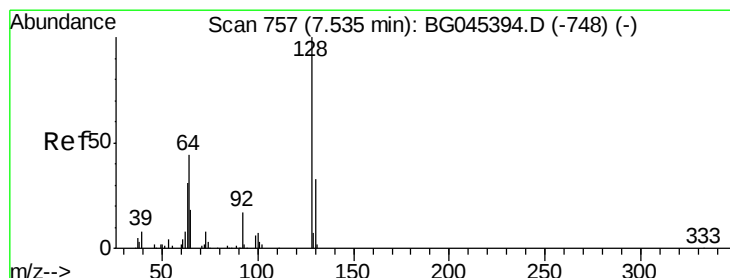
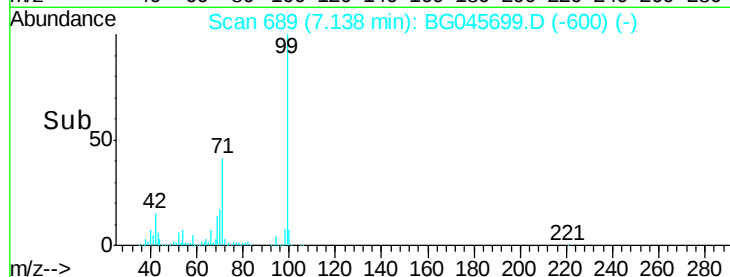
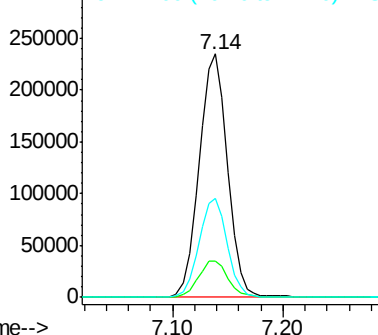
99 100

42 15.1 11.3 16.9

71 40.6 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: 47.756 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045699.D

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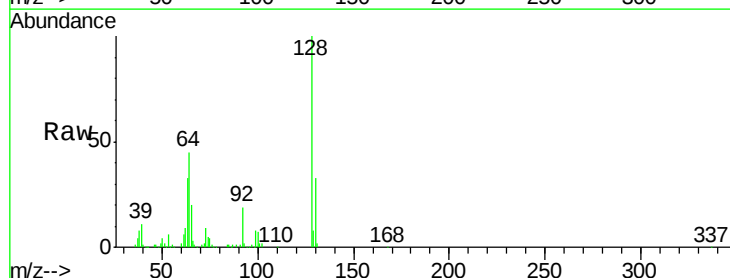
Tgt Ion: 128 Resp: 155261

Ion Ratio Lower Upper

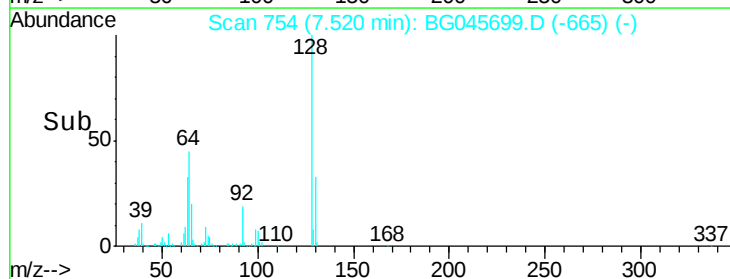
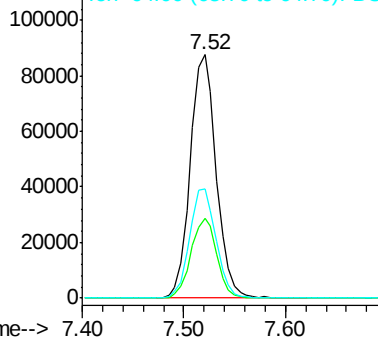
128 100

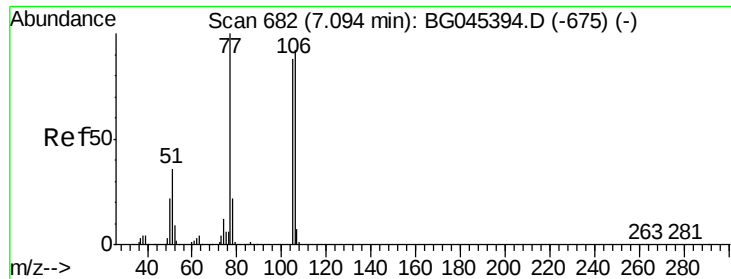
130 32.5 12.6 52.6

64 44.8 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: 41.562 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045699.D

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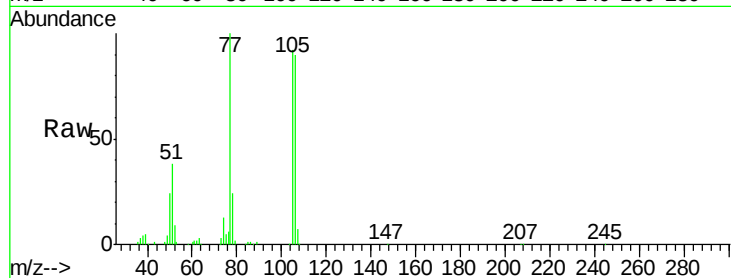
Tot Ion: 77 Resp: 114262

Ion Ratio Lower Upper

77 100

105 91.6 68.5 108.5

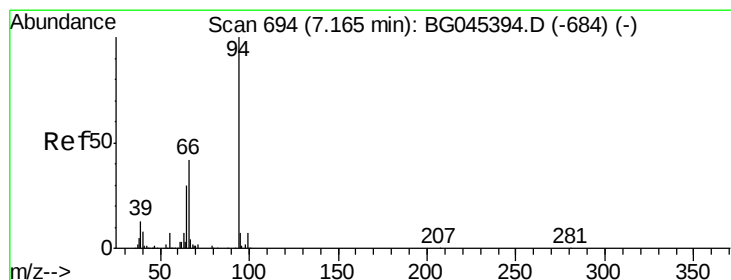
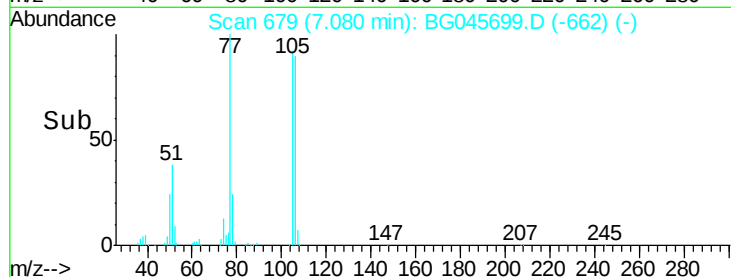
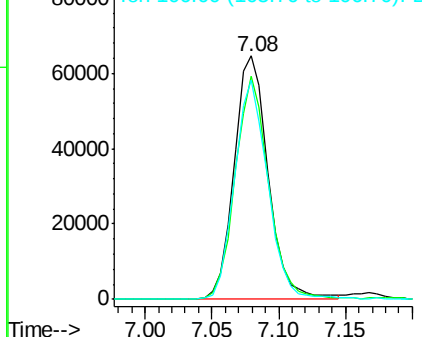
106 90.3 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.746 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

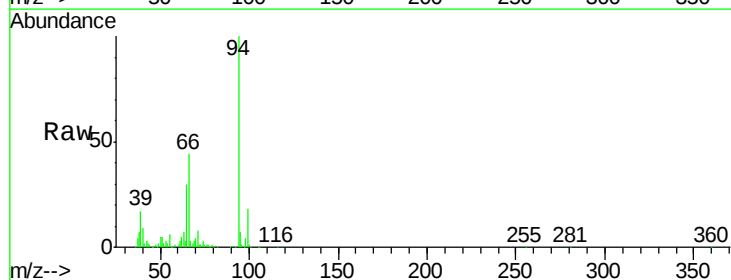
Tgt Ion: 94 Resp: 211992

Ion Ratio Lower Upper

94 100

65 30.2 9.8 49.8

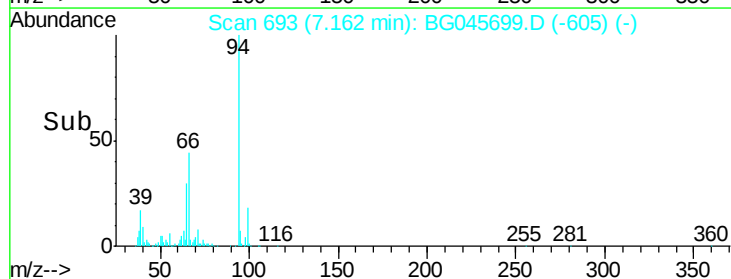
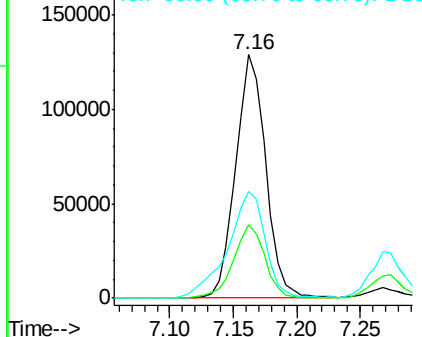
66 43.6 22.0 62.0

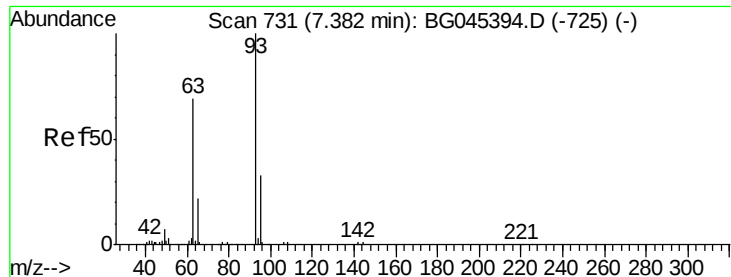


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.153 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

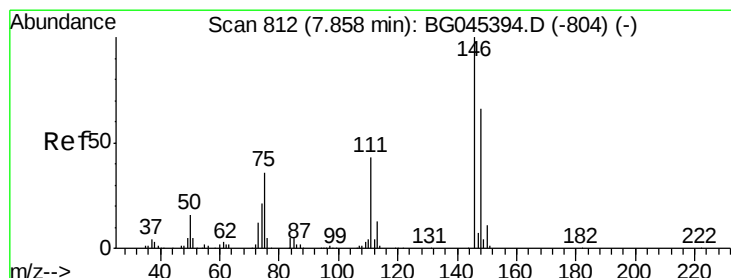
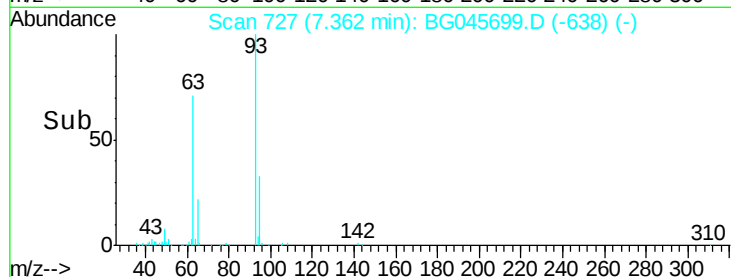
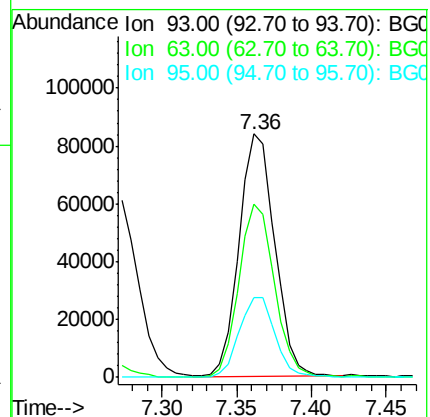
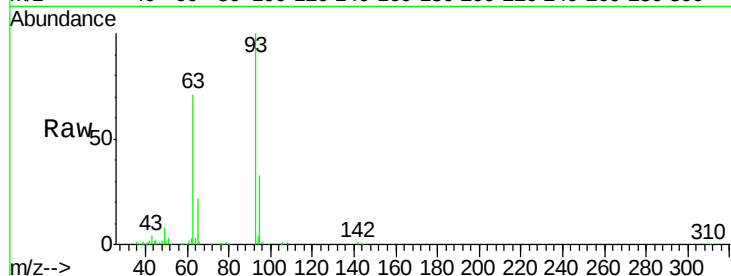
Tot Ion: 93 Resp: 139599

Ion Ratio Lower Upper

93 100

63 71.3 48.4 88.4

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 40.616 ng

RT: 7.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

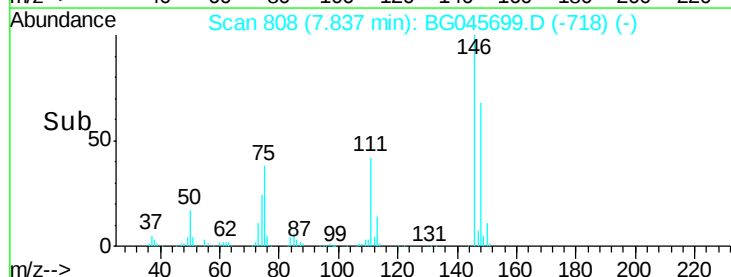
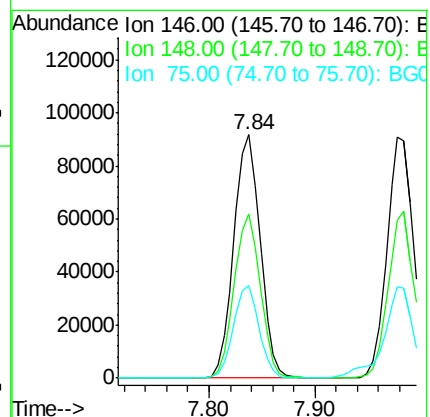
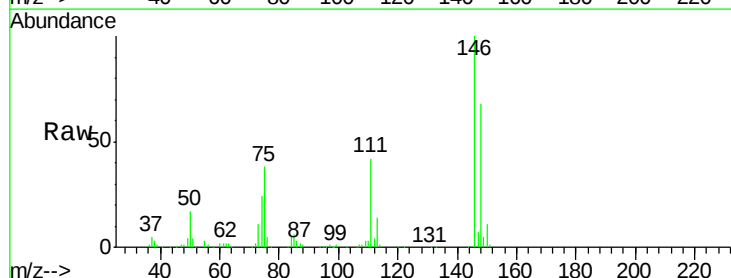
Tgt Ion: 146 Resp: 158685

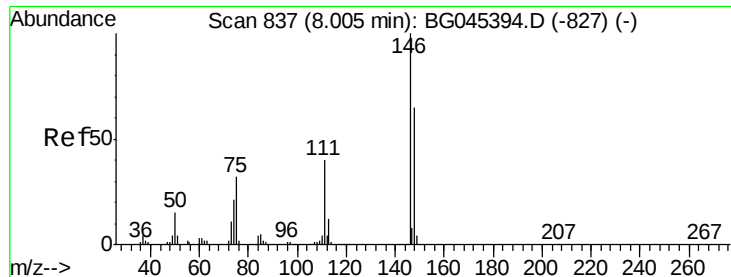
Ion Ratio Lower Upper

146 100

148 67.7 53.2 79.8

75 37.9 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 41.665 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

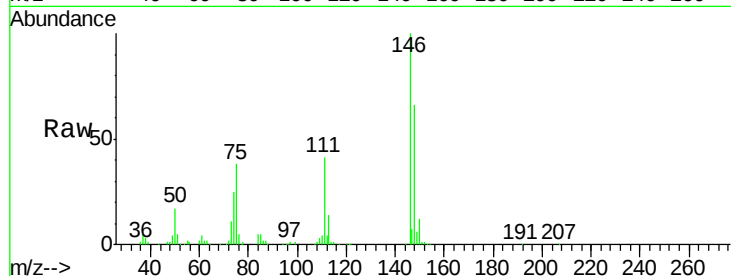
Tot Ion:146 Resp: 160644

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

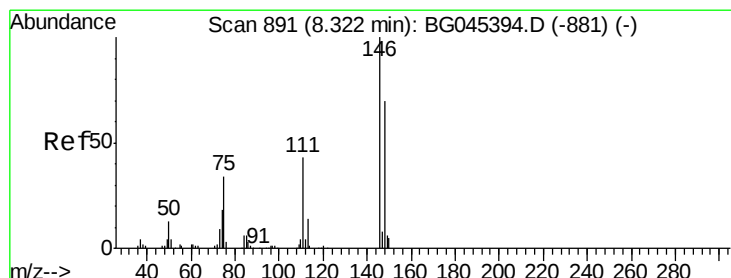
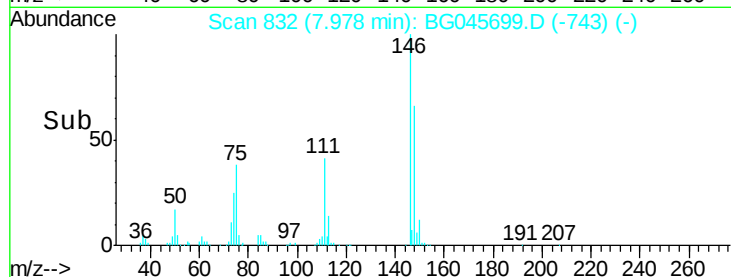
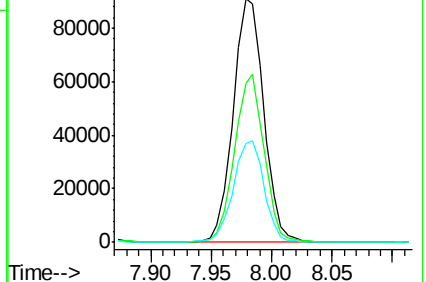
111 40.7 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.526 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

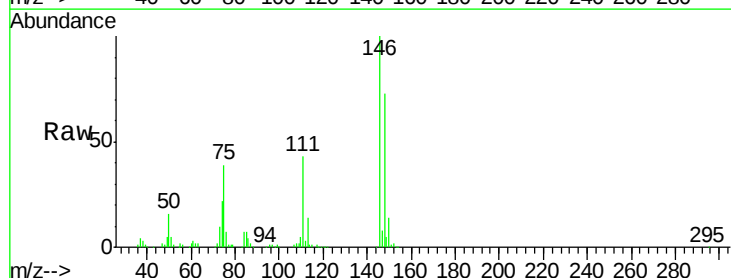
Tgt Ion:146 Resp: 153994

Ion Ratio Lower Upper

146 100

148 72.8 55.9 83.9

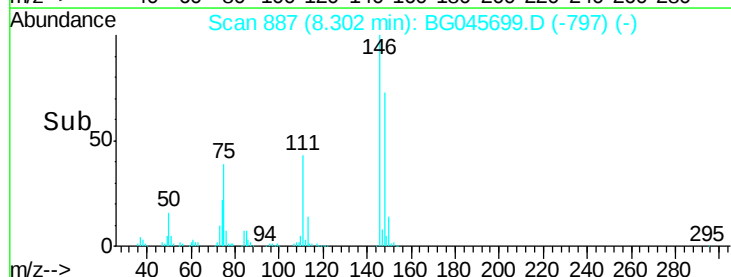
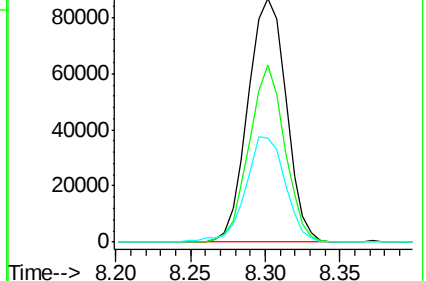
111 42.8 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.917 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

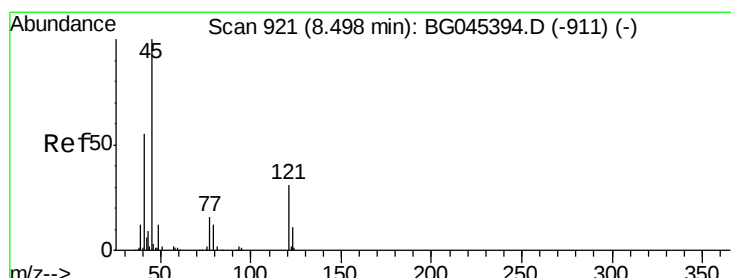
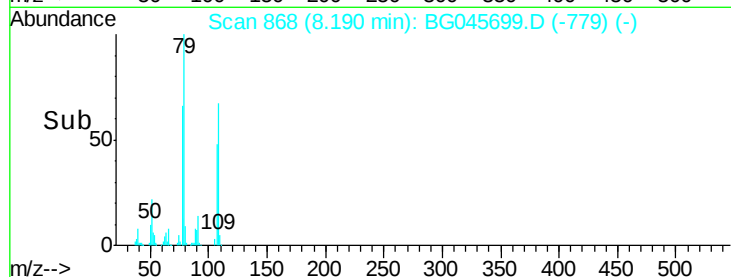
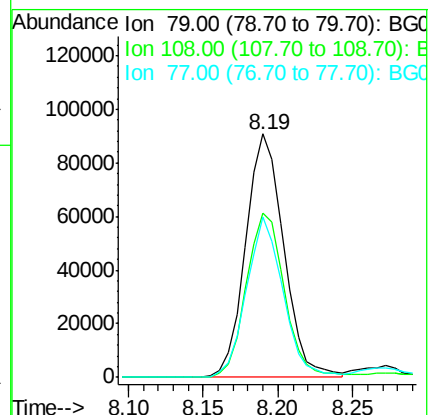
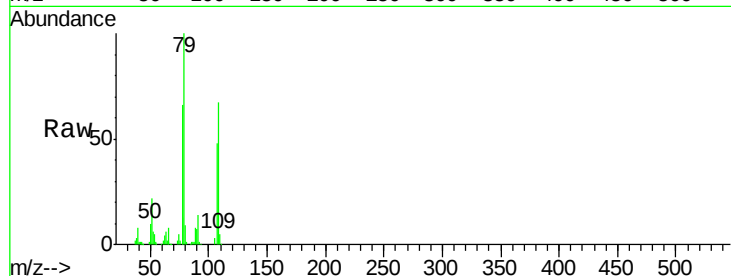
Tot Ion: 79 Resp: 160058

Ion Ratio Lower Upper

79 100

108 67.3 58.2 87.4

77 65.9 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.555 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

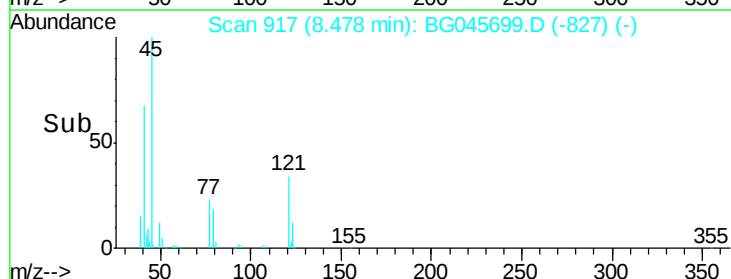
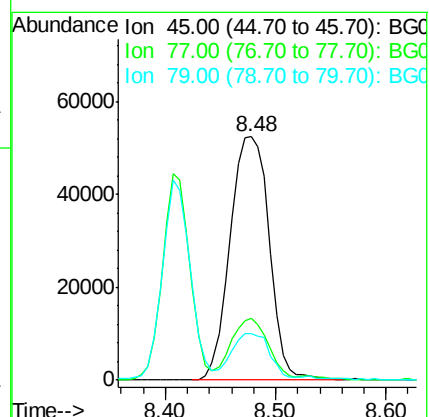
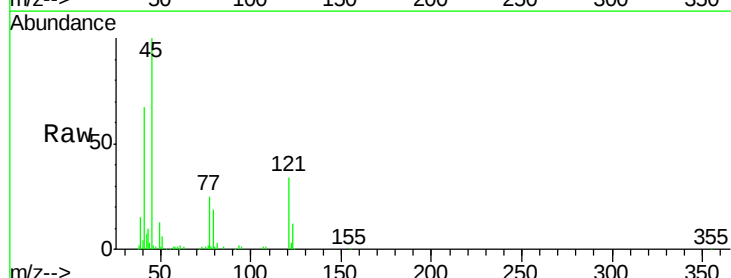
Tgt Ion: 45 Resp: 130585

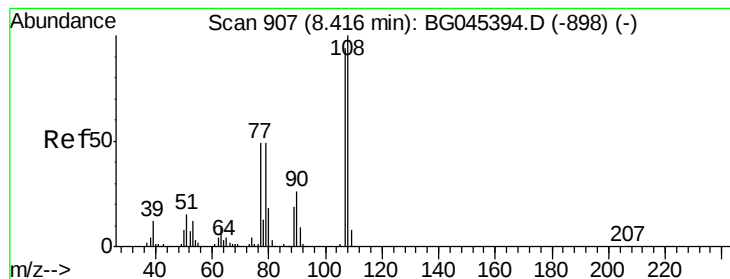
Ion Ratio Lower Upper

45 100

77 25.1 4.0 44.0

79 18.8 0.0 38.6

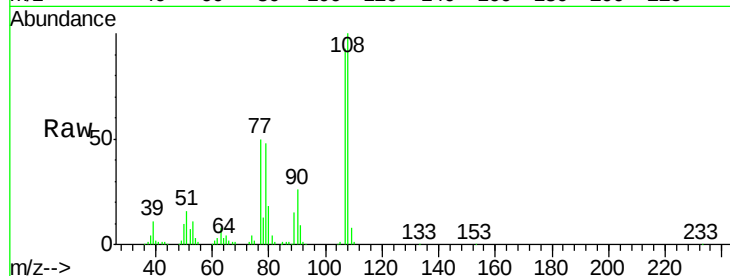




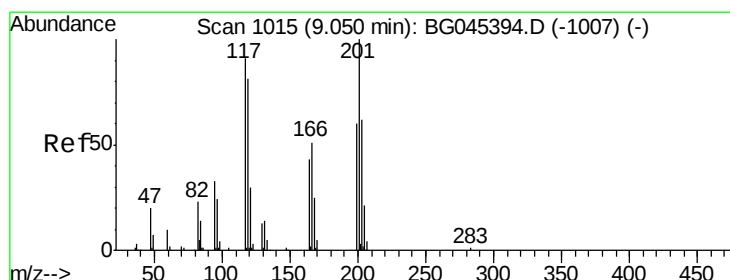
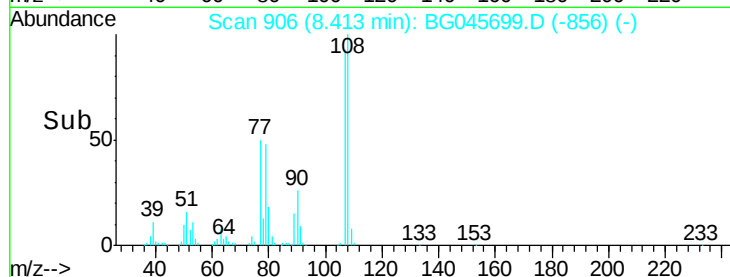
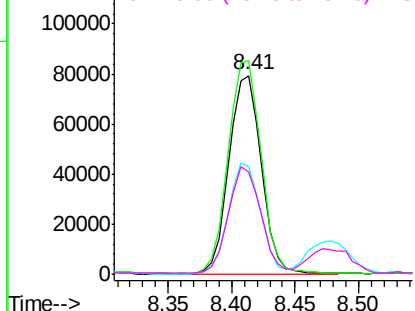
#17
2-Methylphenol
Concen: 43.275 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
72-11939MS

Tot Ion:	107	Resp:	140866
Ion	Ratio	Lower	Upper
107	100		
108	107.4	85.2	127.8
77	54.1	41.6	62.4
79	51.5	41.8	62.8

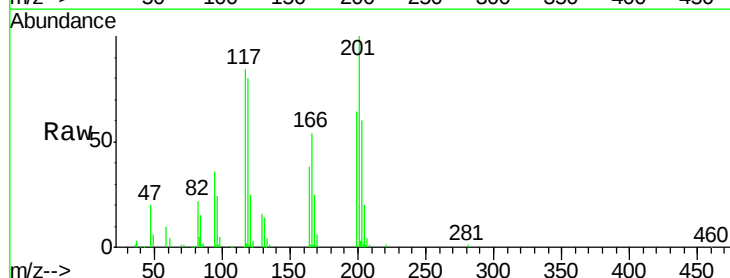


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

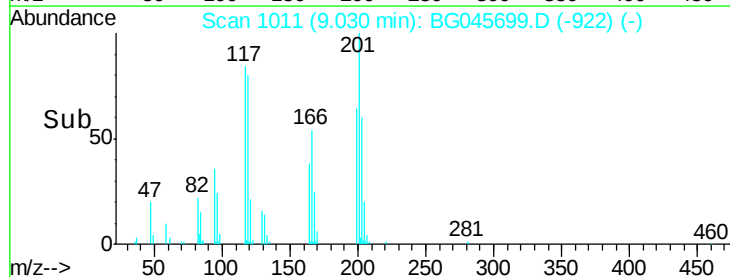
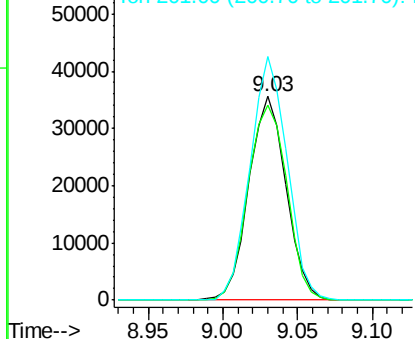


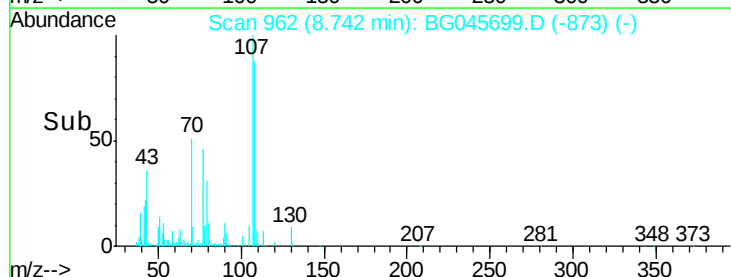
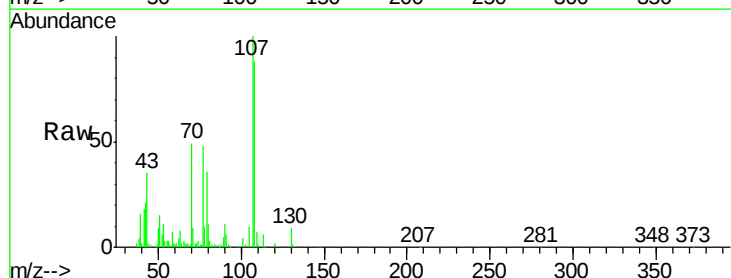
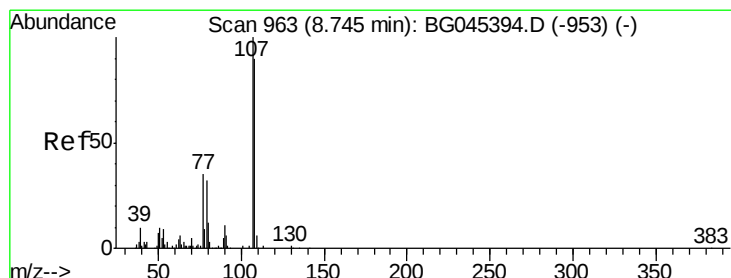
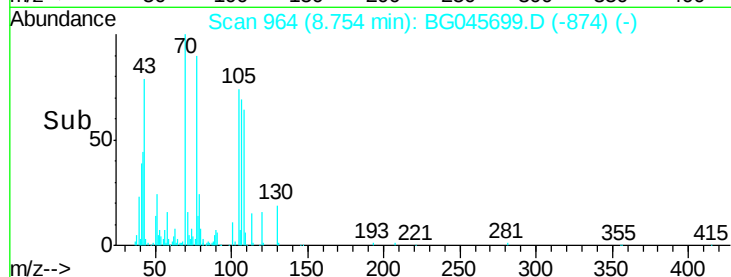
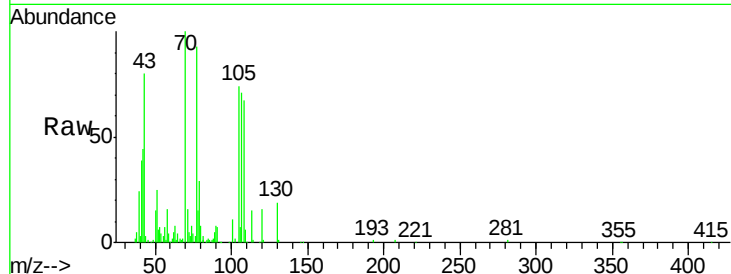
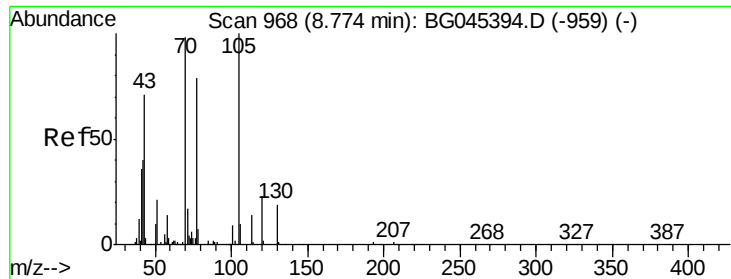
#18
Hexachloroethane
Concen: 41.606 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion:	117	Resp:	61440
Ion	Ratio	Lower	Upper
117	100		
119	95.9	71.3	106.9
201	119.4	87.5	131.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

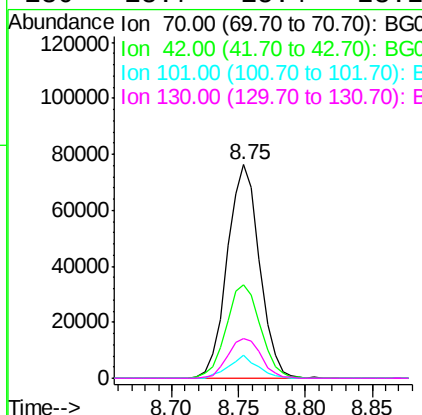




#19
n-Nitroso-di-n-propylamine
Concen: 44.005 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

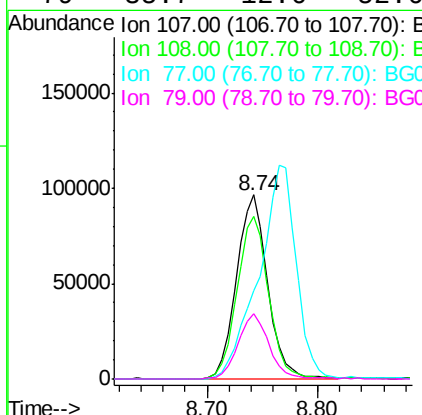
Instrument :
BNA_G
ClientSampleId :
72-11939MS

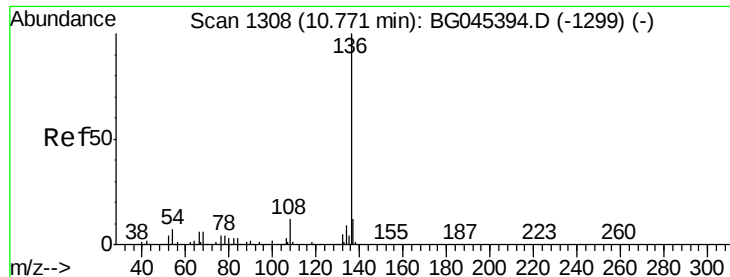
Tot Ion: 70 Resp: 128403
Ion Ratio Lower Upper
70 100
42 44.0 33.2 49.8
101 10.8 7.8 11.6
130 18.7 15.4 23.2



#20
3+4-Methylphenols
Concen: 43.042 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion: 107 Resp: 190788
Ion Ratio Lower Upper
107 100
108 88.3 70.3 110.3
77 48.4 15.4 55.4
79 35.7 12.6 52.6

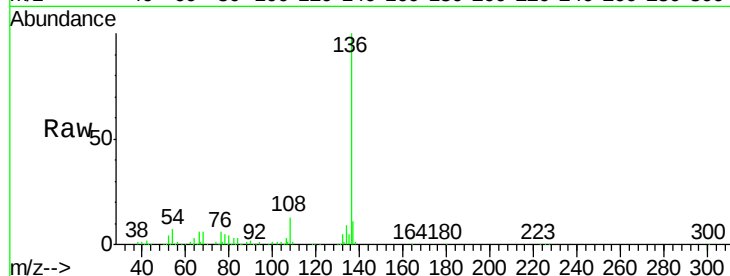




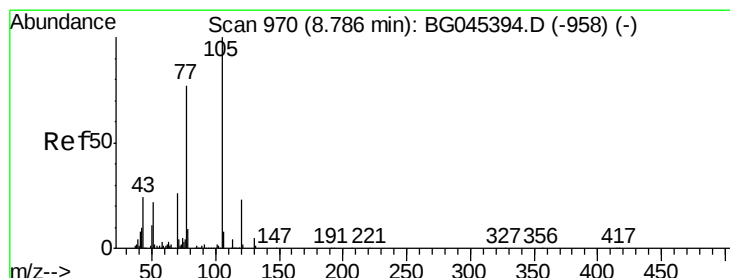
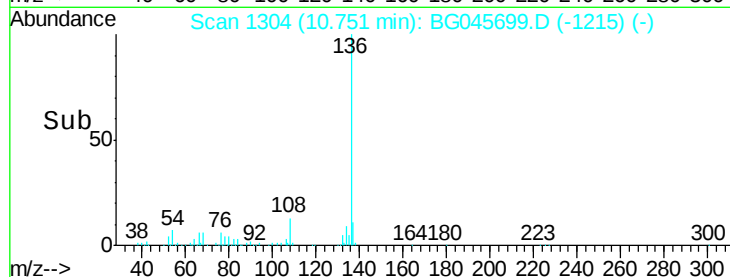
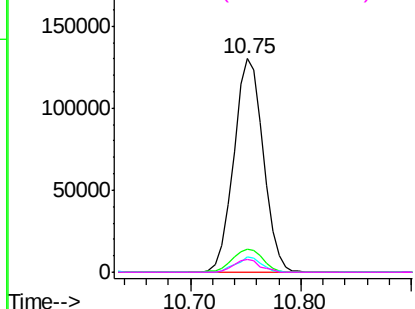
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
72-11939MS

Tot Ion:136	Resp:	243542
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.4 14.2
54	7.1	5.8 8.6
68	5.7	4.5 6.7

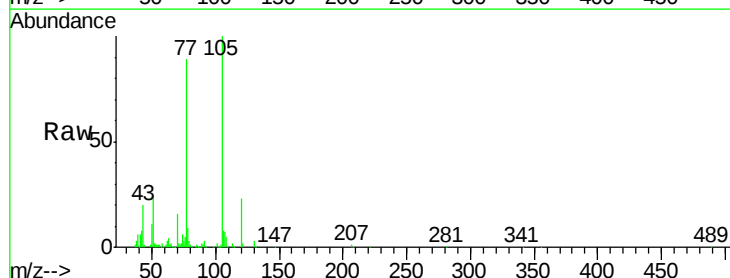


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

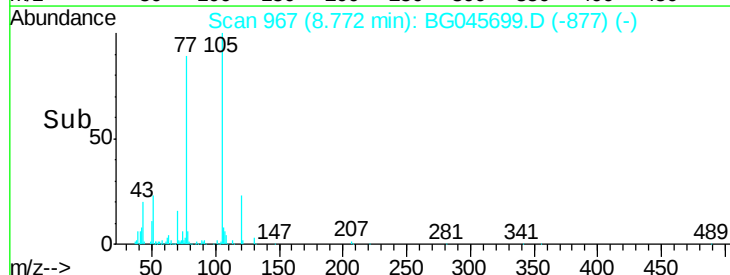
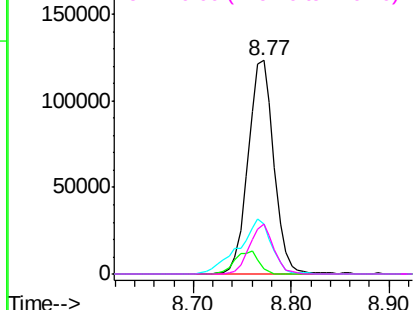


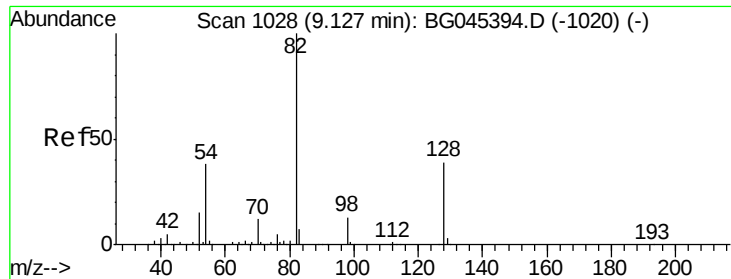
#22
Acetophenone
Concen: 39.549 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion:105	Resp:	228284
Ion Ratio	Lower	Upper
105	100	
71	2.4	3.4 5.0#
51	23.6	18.2 27.2
120	23.2	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

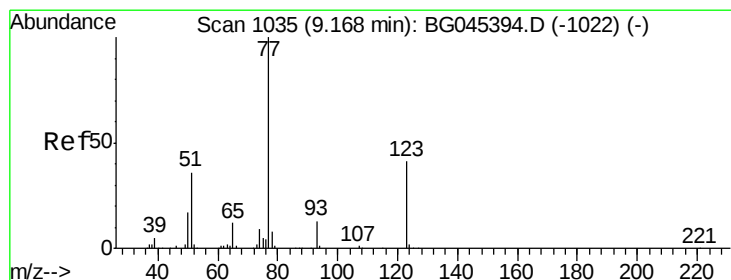
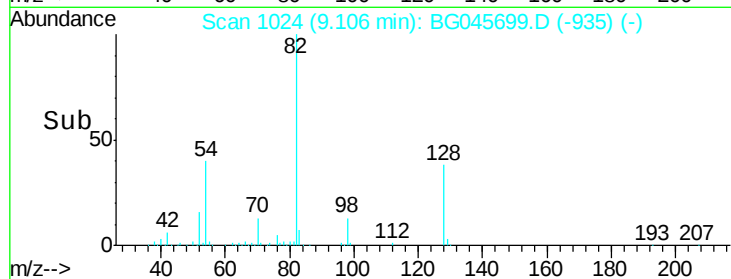
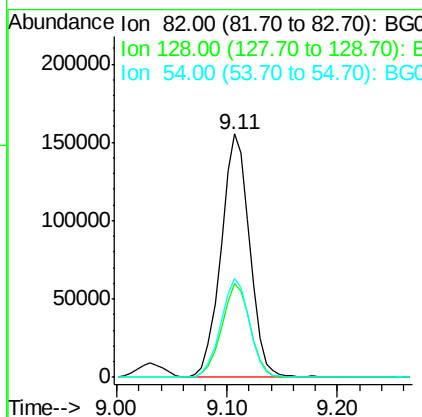
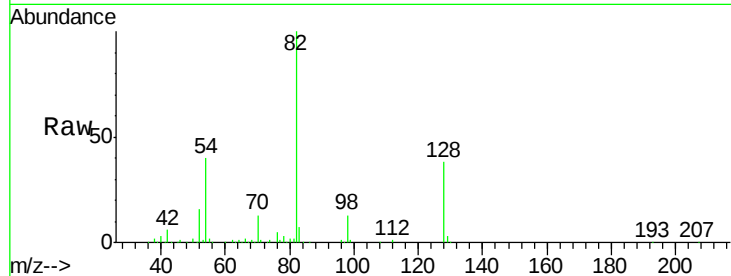




#23
Nitrobenzene-d5
Concen: 62.343 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

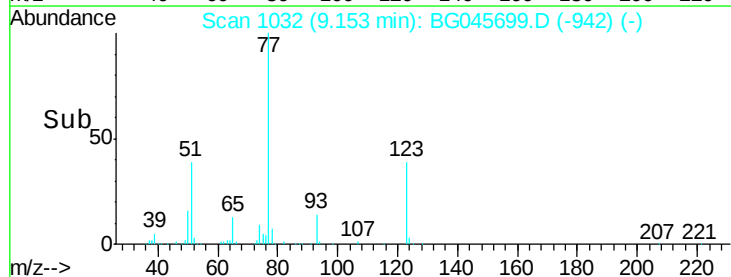
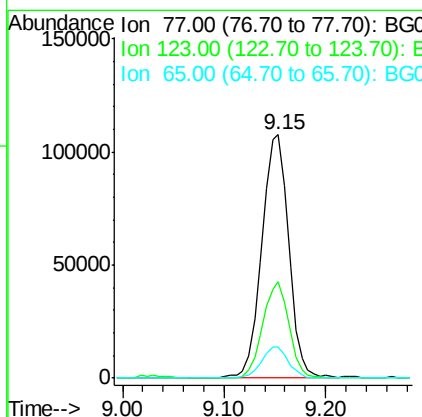
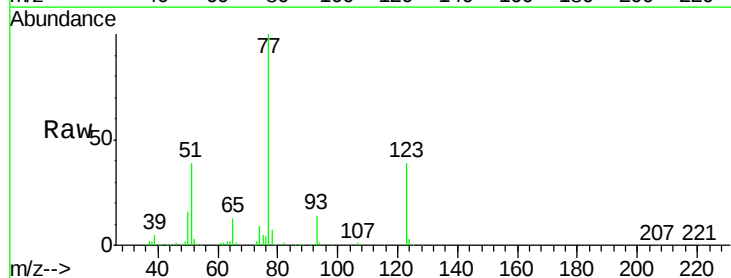
Instrument :
BNA_G
ClientSampleId :
72-11939MS

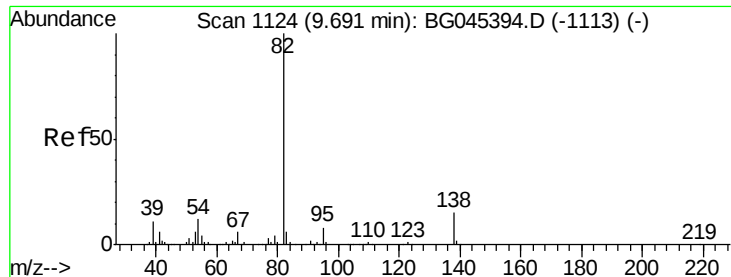
Tot Ion	82	Resp	278427
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.9	46.3
54	40.5	30.3	45.5



#24
Nitrobenzene
Concen: 41.613 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion	77	Resp	199113
Ion Ratio	Lower	Upper	
77	100		
123	39.4	32.9	49.3
65	12.6	9.4	14.2





#25

Isophorone

Concen: 40.455 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

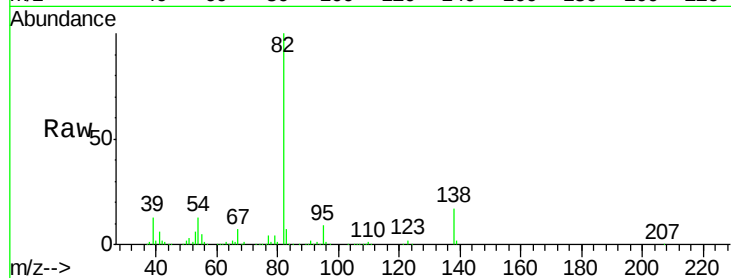
Tot Ion: 82 Resp: 355815

Ion Ratio Lower Upper

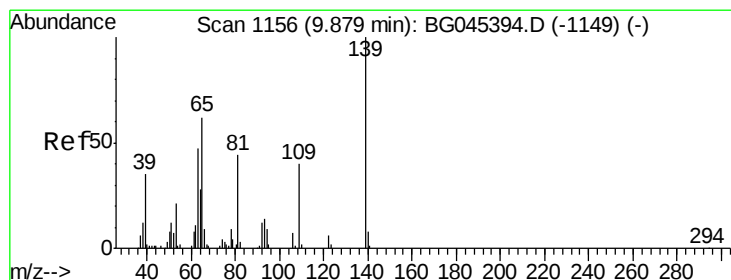
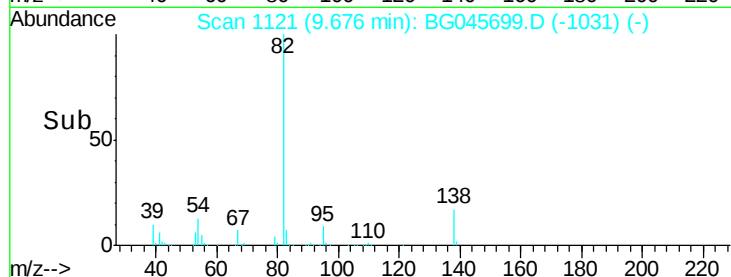
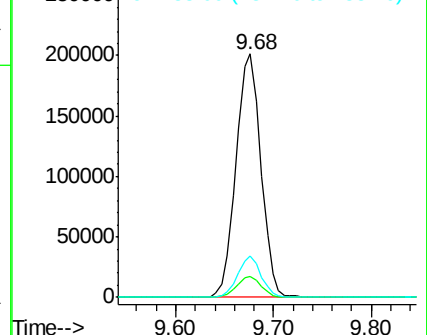
82 100

95 8.5 6.7 10.1

138 17.0 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: 42.196 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

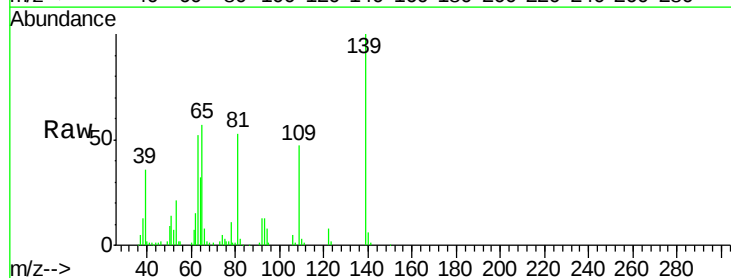
Tgt Ion: 139 Resp: 86371

Ion Ratio Lower Upper

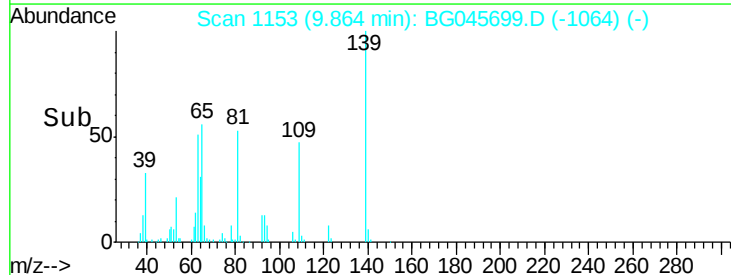
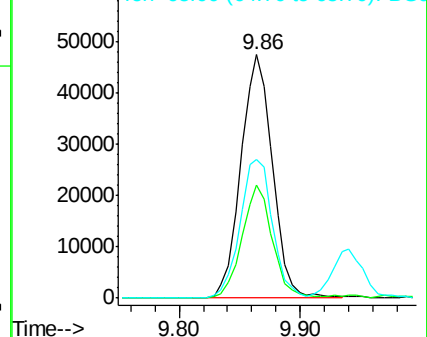
139 100

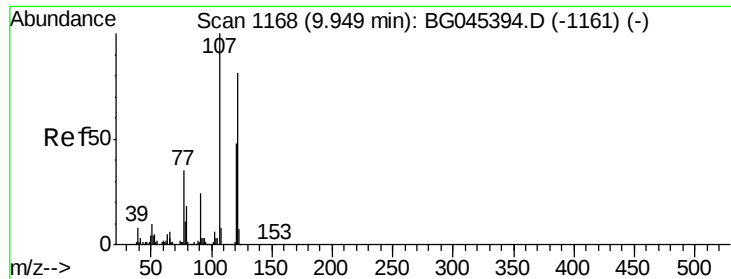
109 46.5 32.2 48.4

65 57.1 49.6 74.4



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





#27

2,4-Dimethylphenol

Concen: 45.966 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

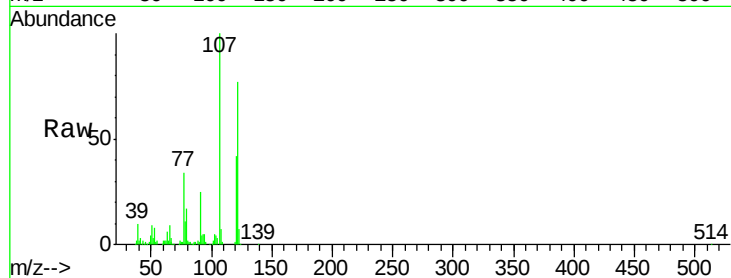
Tot Ion:122 Resp: 139548

Ion Ratio Lower Upper

122 100

107 129.9 99.0 148.4

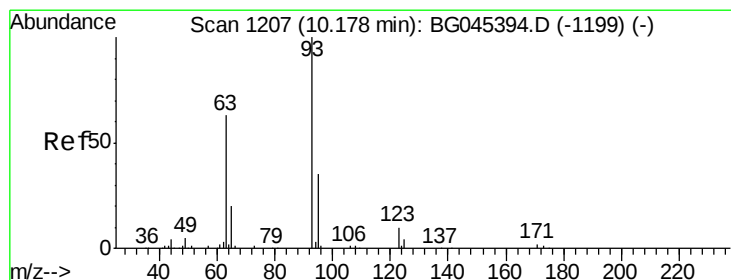
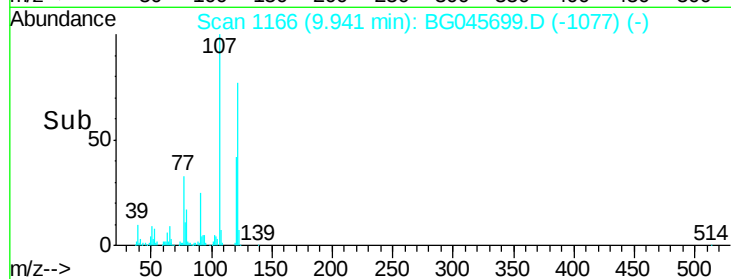
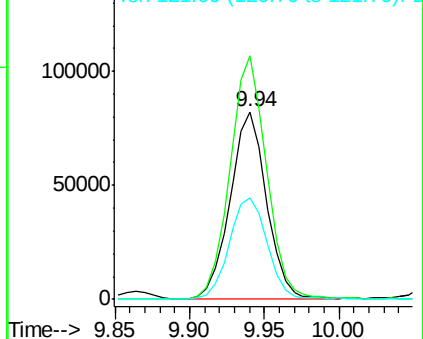
121 54.4 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.984 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

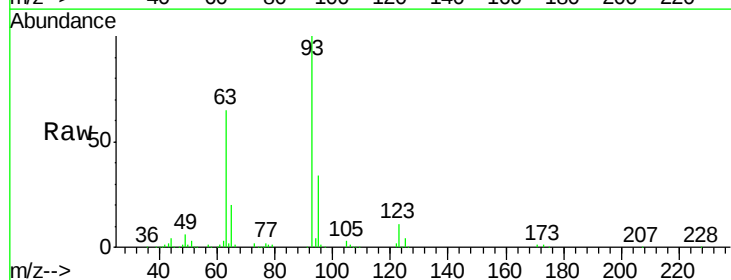
Tgt Ion: 93 Resp: 198269

Ion Ratio Lower Upper

93 100

95 34.0 27.6 41.4

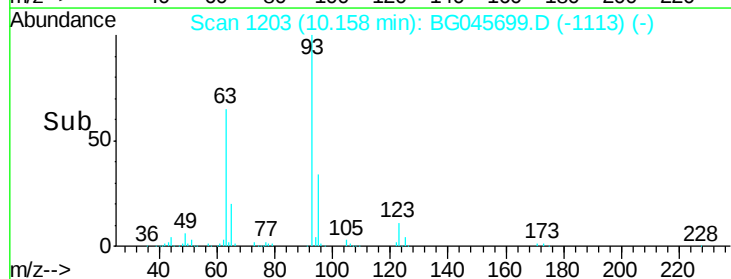
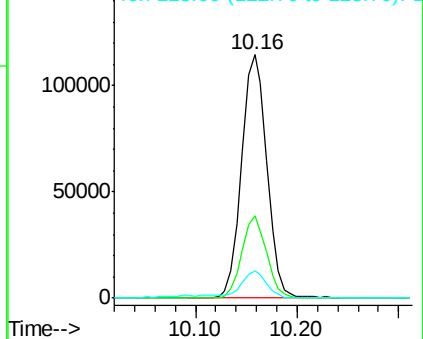
123 11.4 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.421 ng

RT: 10.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

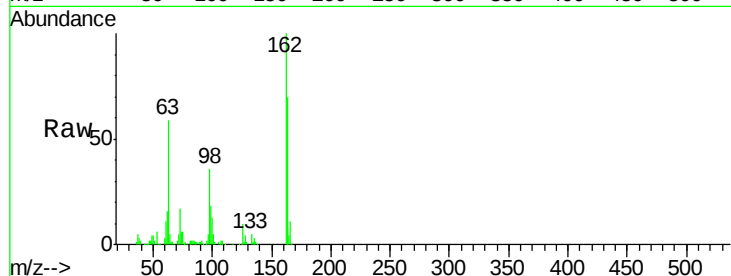
Tot Ion:162 Resp: 162836

Ion Ratio Lower Upper

162 100

164 70.0 46.8 86.8

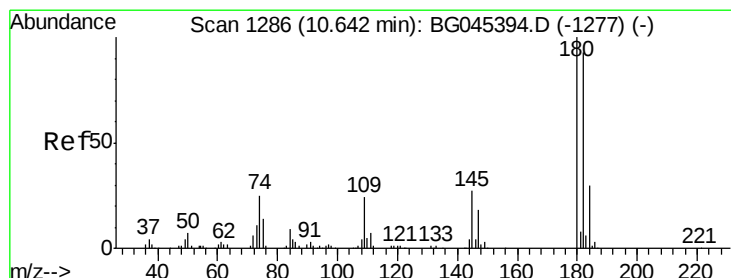
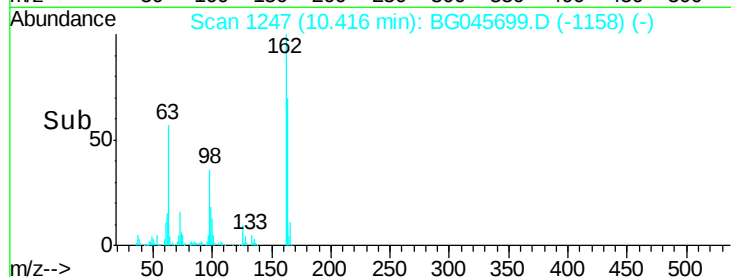
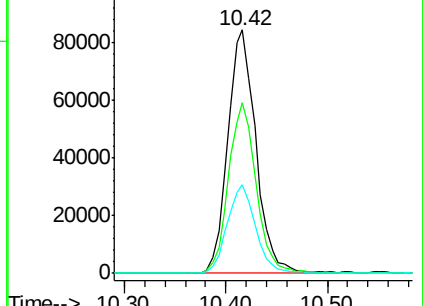
98 36.3 15.2 55.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 41.478 ng

RT: 10.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

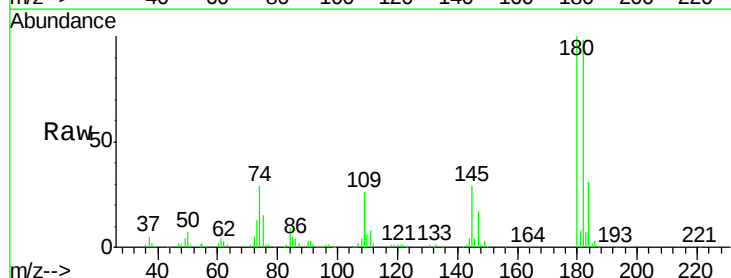
Tgt Ion:180 Resp: 175710

Ion Ratio Lower Upper

180 100

182 97.6 74.8 112.2

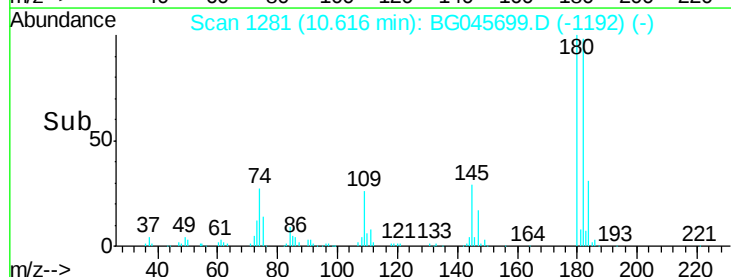
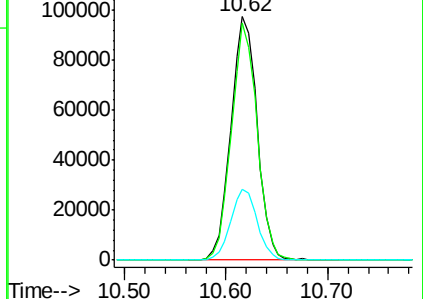
145 29.3 21.9 32.9

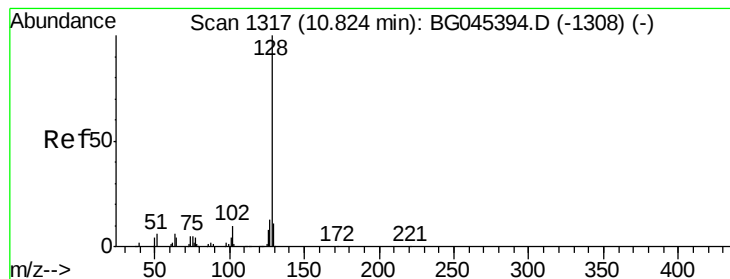


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.876 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

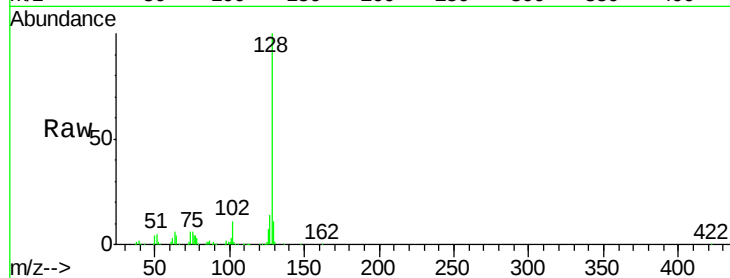
Tot Ion:128 Resp: 475244

Ion Ratio Lower Upper

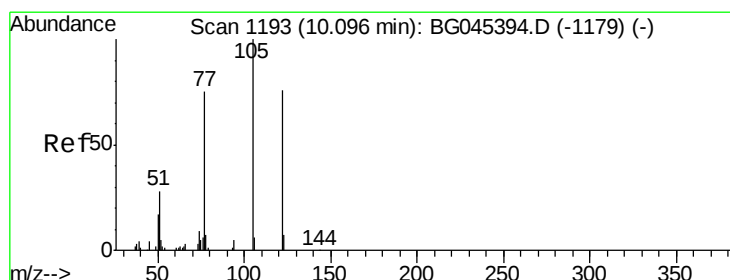
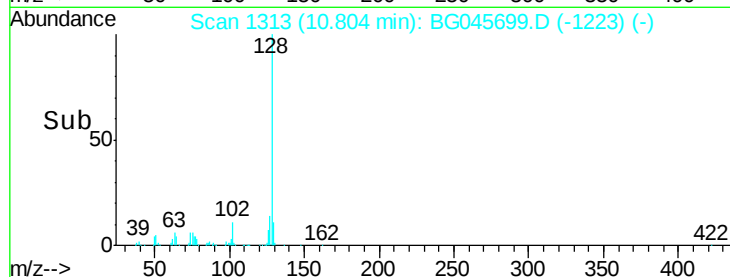
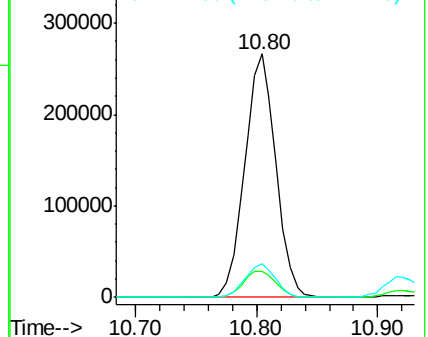
128 100

129 10.9 9.0 13.6

127 14.1 10.7 16.1



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



#32

Benzoic acid

Concen: 37.031 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

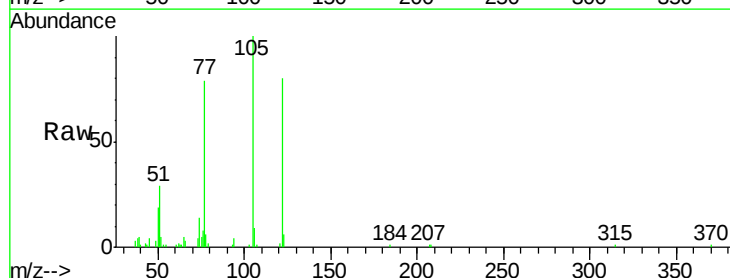
Tgt Ion:122 Resp: 70483

Ion Ratio Lower Upper

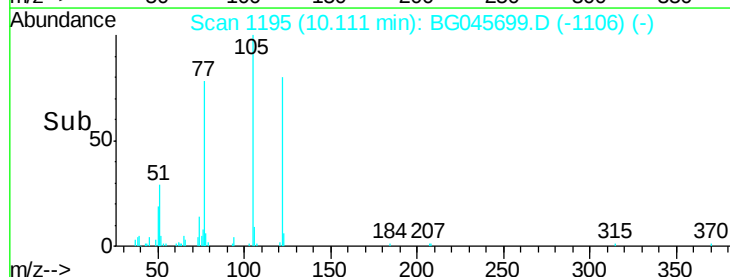
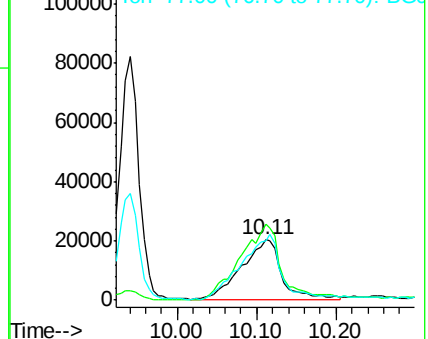
122 100

105 125.2 107.9 147.9

77 99.3 78.9 118.9



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

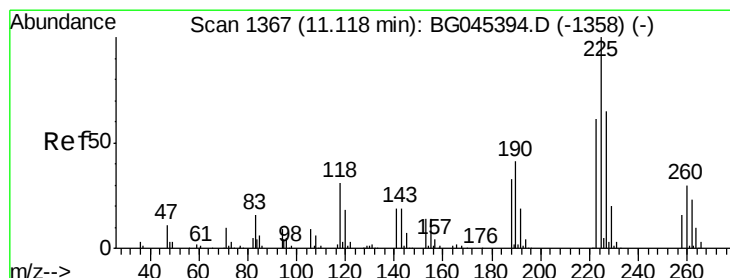
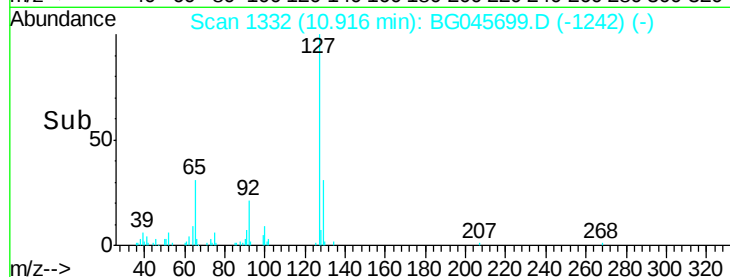
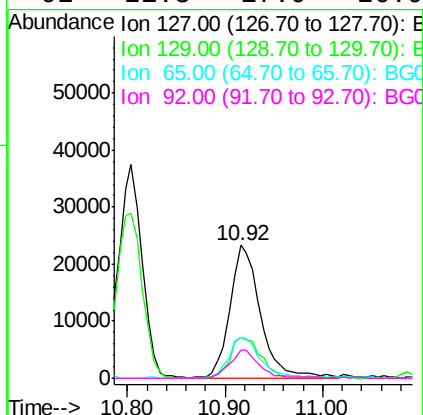
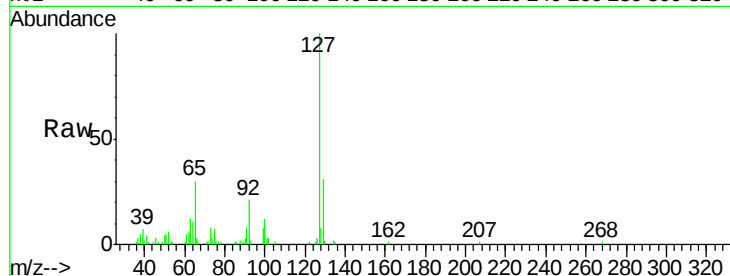




#33
4-Chloroaniline
Concen: 10.698 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

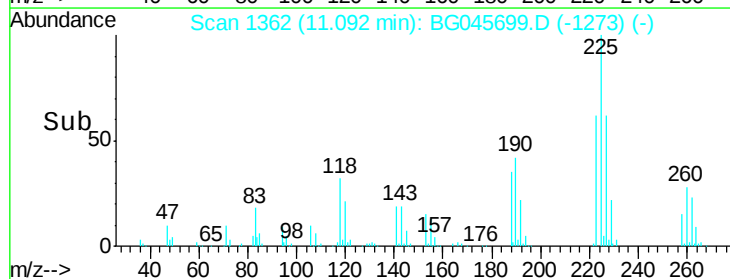
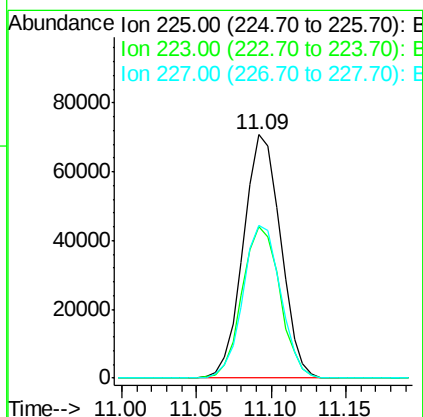
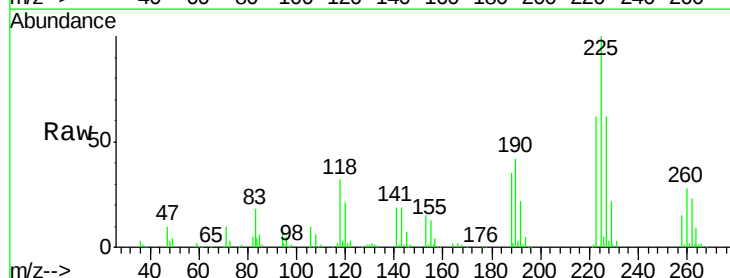
Instrument :
BNA_G
ClientSampleId :
72-11939MS

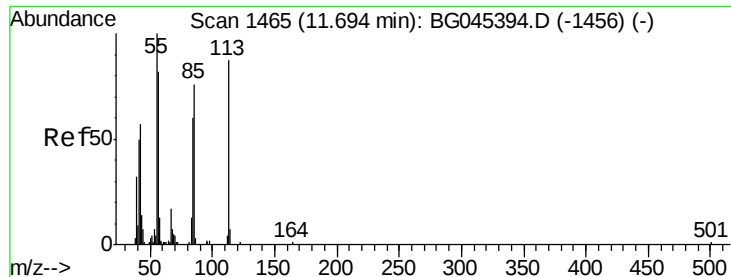
Tot Ion:127	Resp:	50752
Ion	Ratio	Lower Upper
127	100	
129	31.0	24.7 37.1
65	30.4	26.2 39.2
92	21.3	17.9 26.9



#34
Hexachlorobutadiene
Concen: 40.953 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion:225	Resp:	122631
Ion	Ratio	Lower Upper
225	100	
223	62.1	49.1 73.7
227	62.5	52.0 78.0





#35

Caprolactam

Concen: 25.467 ng

RT: 11.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

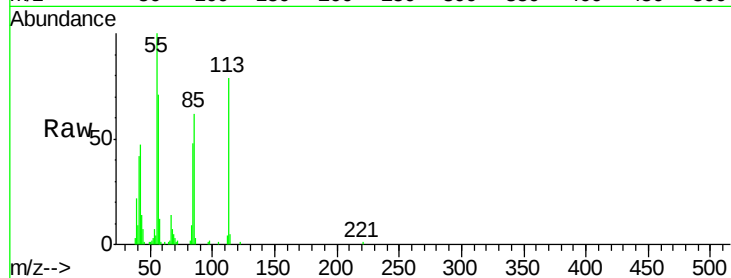
Tot Ion:113 Resp: 33512

Ion Ratio Lower Upper

113 100

55 125.9 96.0 136.0

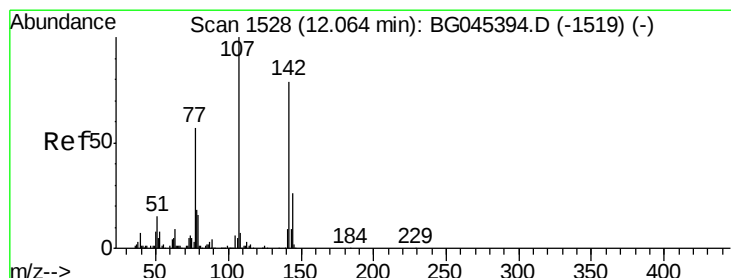
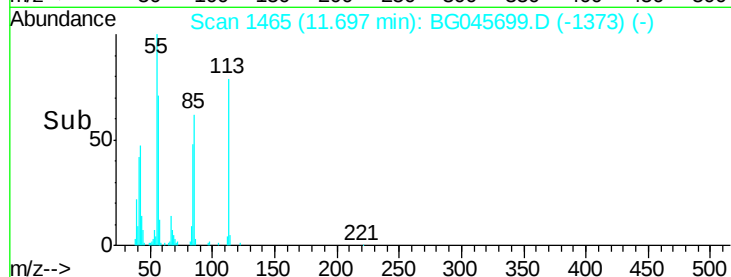
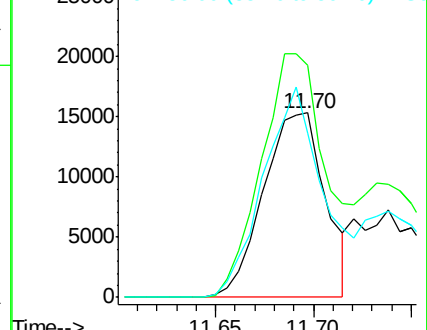
56 89.3 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.300 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

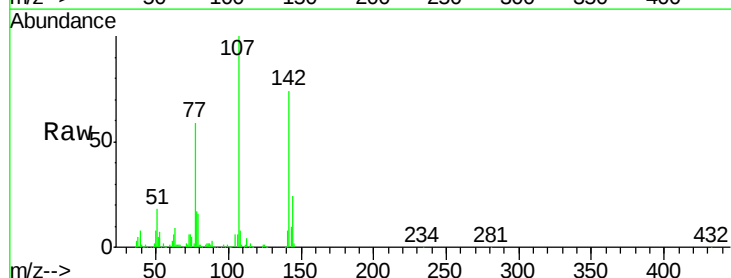
Tgt Ion:107 Resp: 191079

Ion Ratio Lower Upper

107 100

144 24.2 20.8 31.2

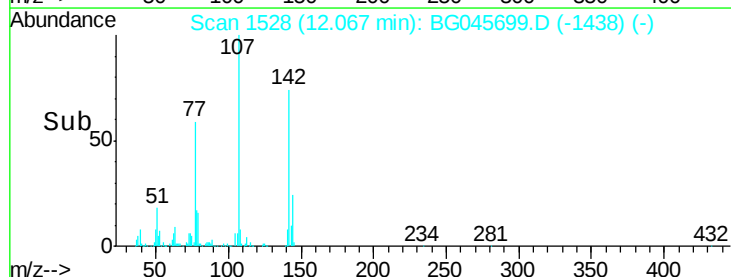
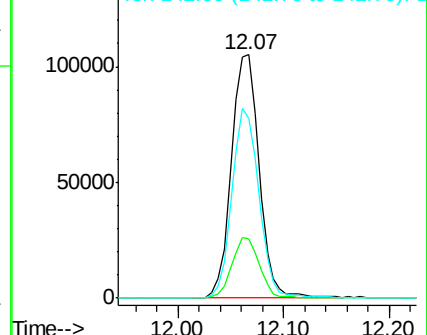
142 73.8 62.8 94.2

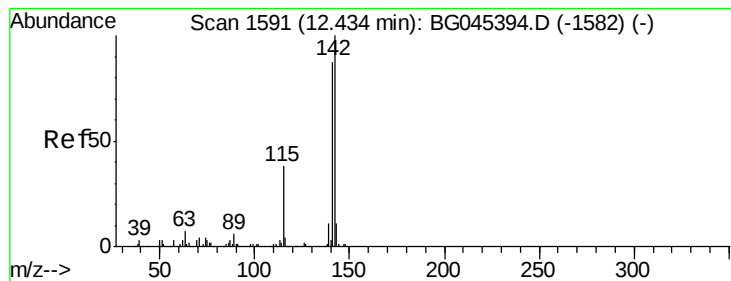


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.018 ng

RT: 12.41 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

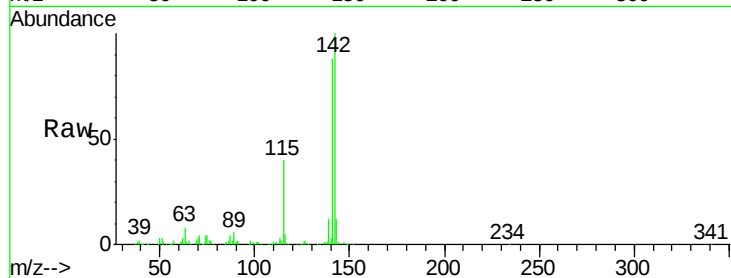
Tot Ion:142 Resp: 372334

Ion Ratio Lower Upper

142 100

141 87.7 70.0 105.0

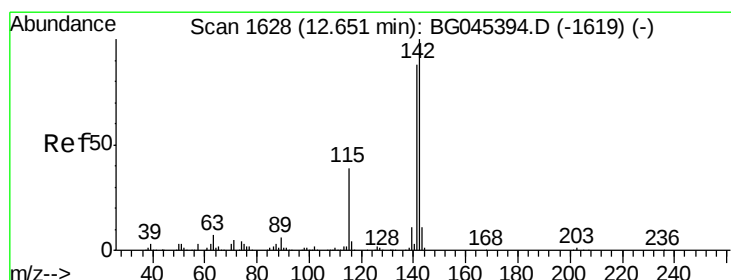
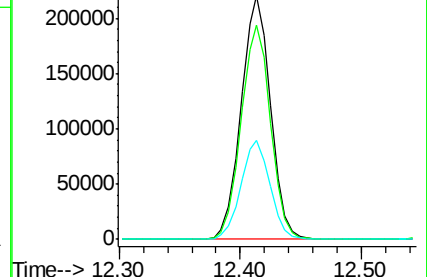
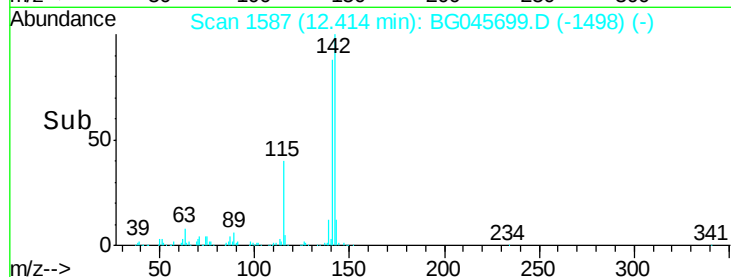
115 40.4 30.8 46.2



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: 44.137 ng

RT: 12.63 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

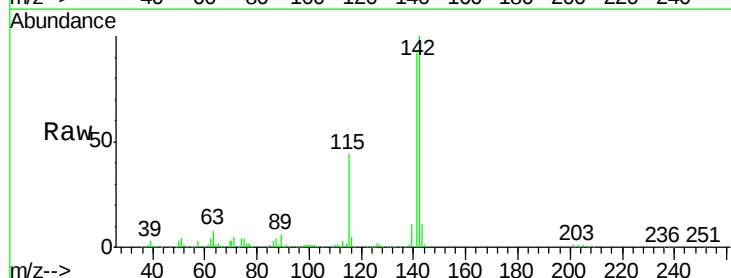
Tgt Ion:142 Resp: 352668

Ion Ratio Lower Upper

142 100

141 91.9 70.8 106.2

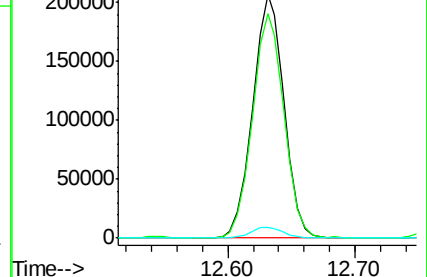
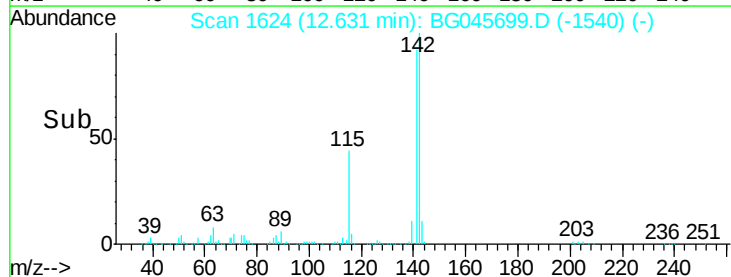
116 4.6 3.0 4.6#

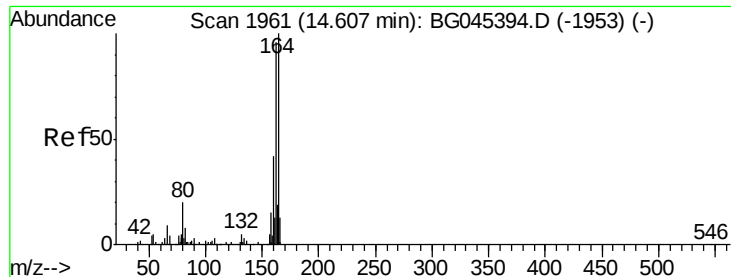


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

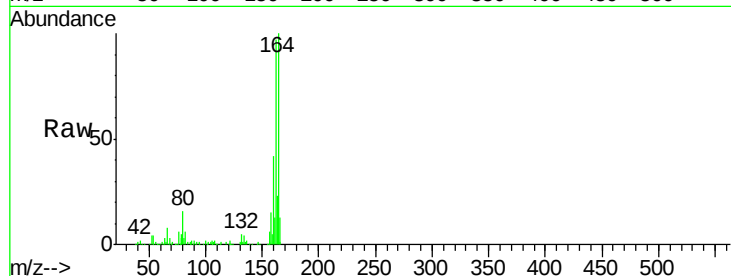
Tot Ion:164 Resp: 187440

Ion Ratio Lower Upper

164 100

162 97.4 76.9 115.3

160 41.6 33.8 50.8

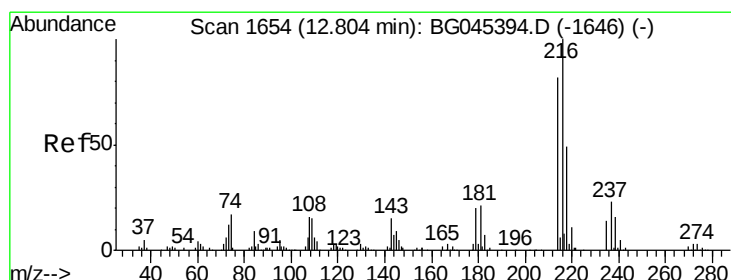
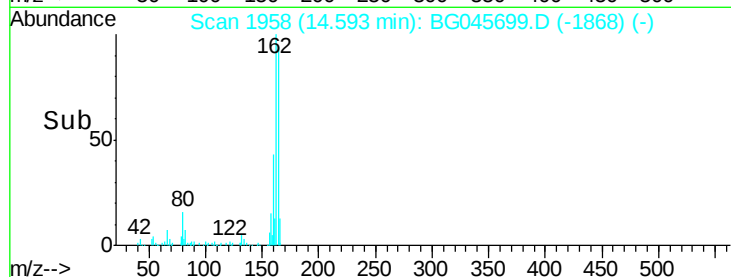
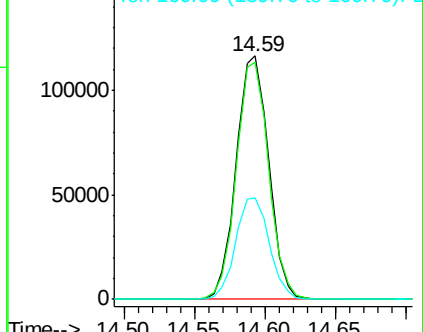


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.770 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Tgt Ion:216 Resp: 208217

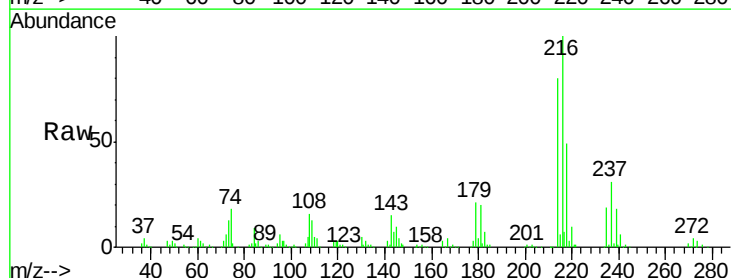
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 20.2 16.1 24.1

108 19.9 13.8 20.6



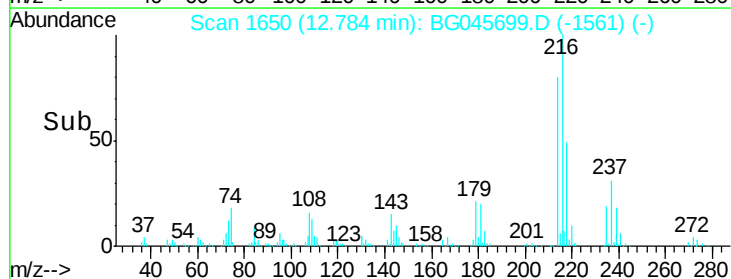
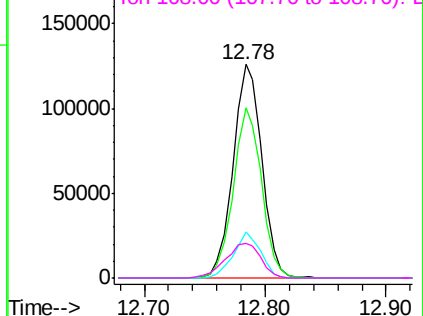
Abundance

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: 75.534 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

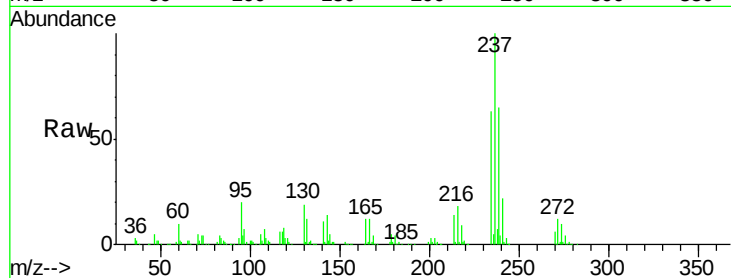
Tot Ion:237 Resp: 228252

Ion Ratio Lower Upper

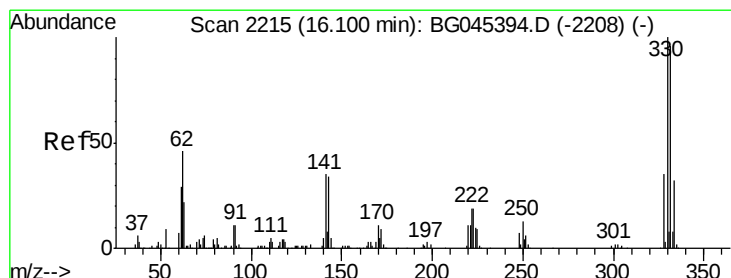
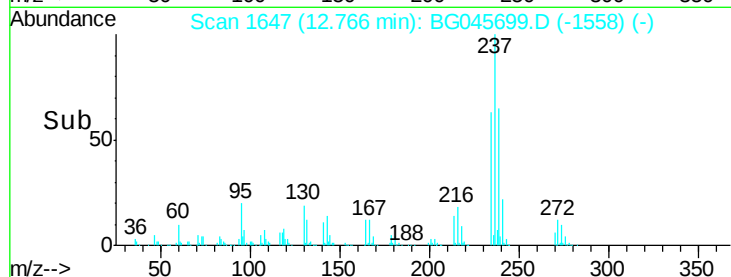
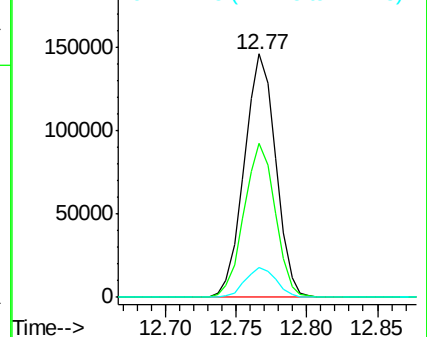
237 100

235 63.3 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: 91.721 ng

RT: 16.09 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

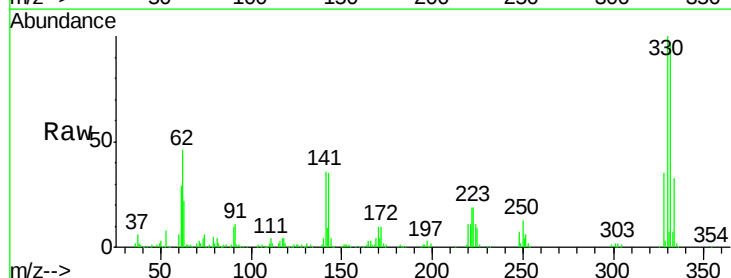
Tgt Ion:330 Resp: 219869

Ion Ratio Lower Upper

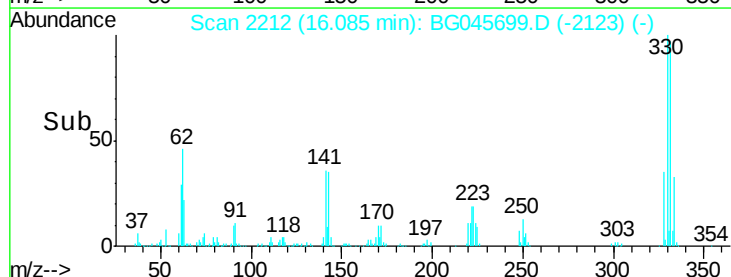
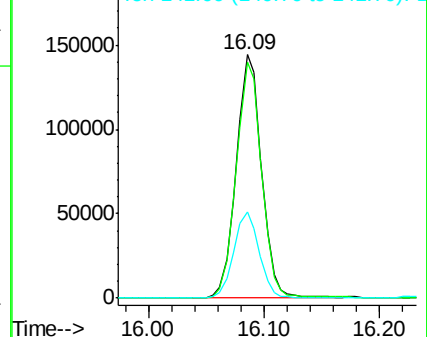
330 100

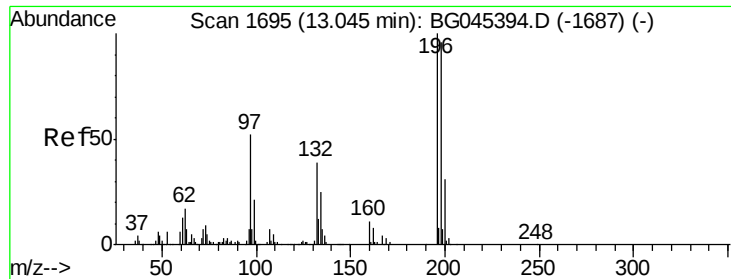
332 97.0 78.2 117.4

141 35.5 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

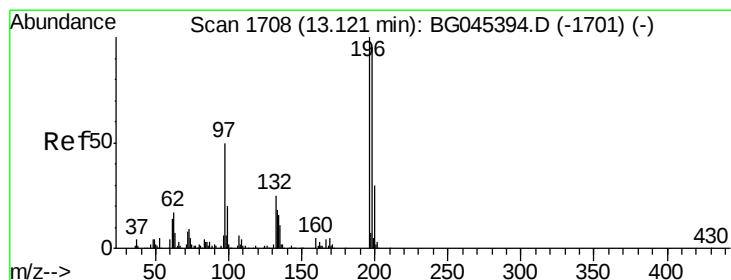
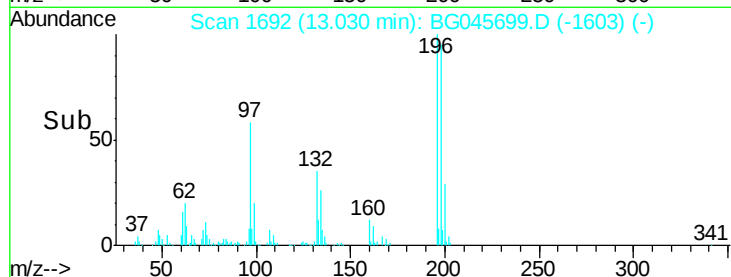
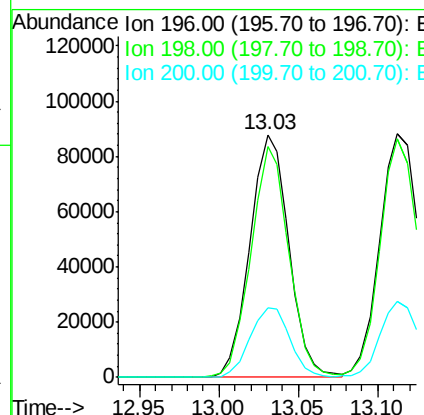
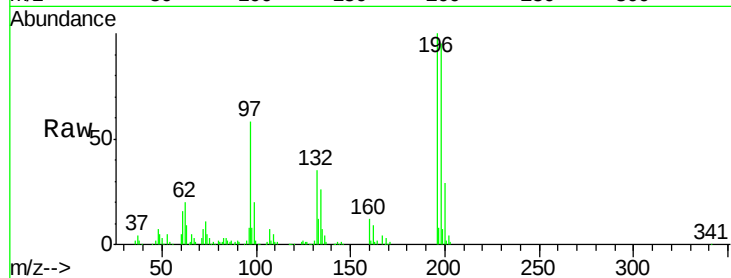




#43
 2,4,6-Trichlorophenol
 Concen: 41.251 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

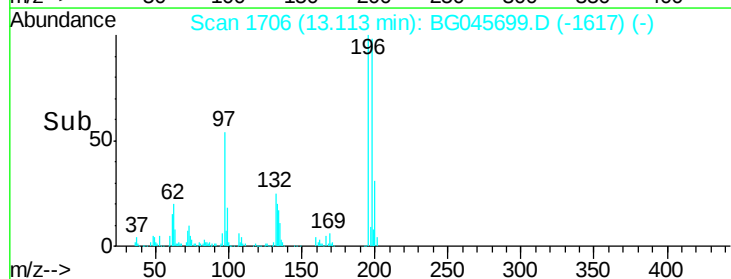
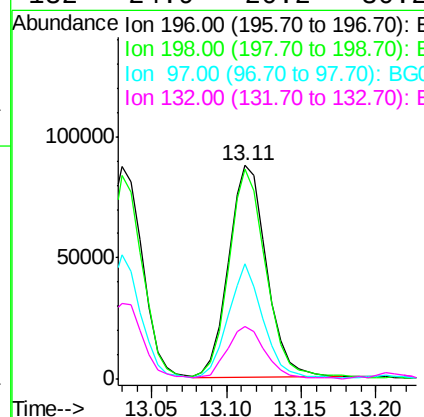
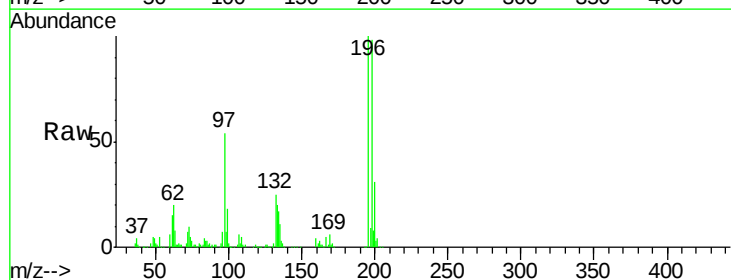
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MS

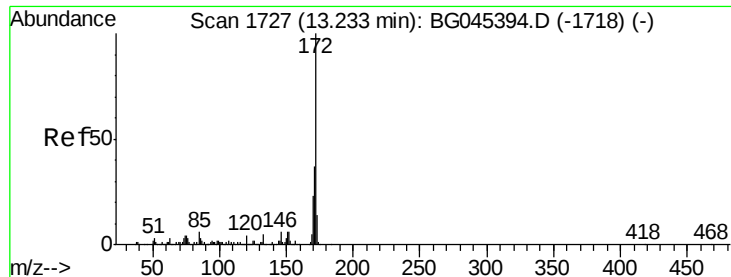
Tot Ion:196 Resp: 150024
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.7 115.1
 200 28.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.302 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

Tgt Ion:196 Resp: 155026
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.1 114.1
 97 54.0 40.0 60.0
 132 24.9 20.2 30.2

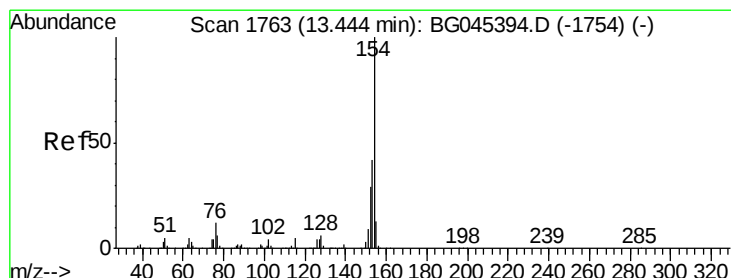
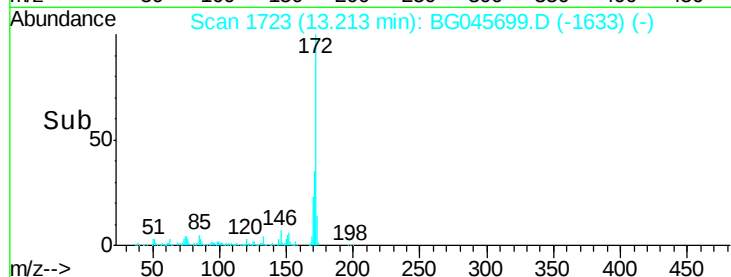
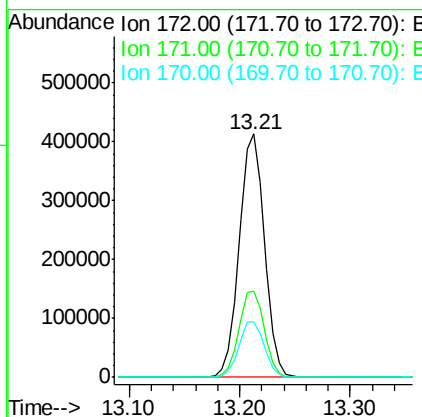
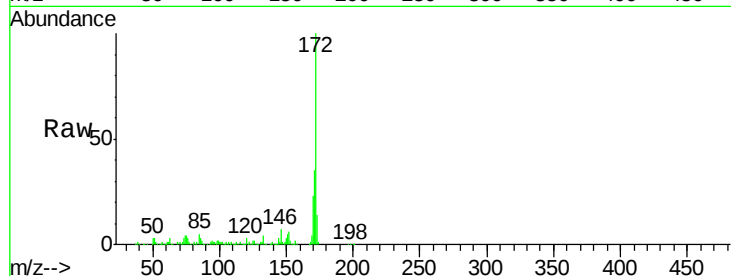




#45
2-Fluorobiphenyl
Concen: 60.027 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

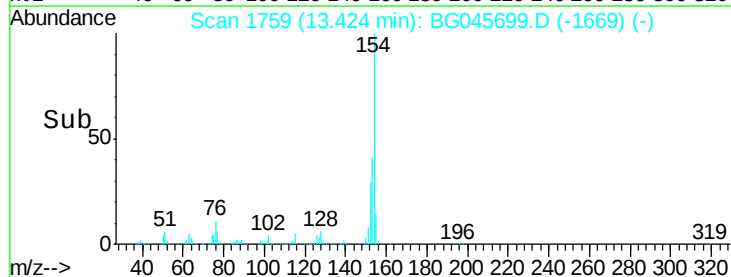
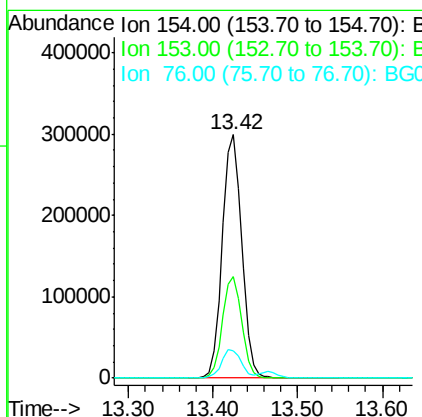
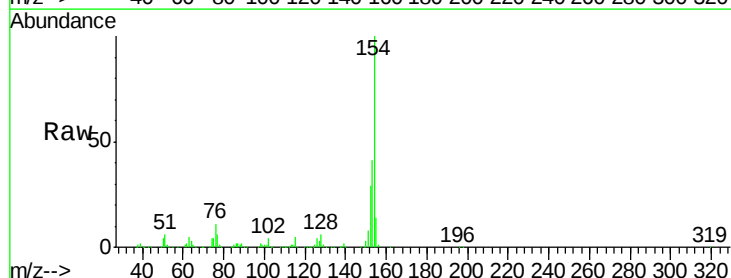
Instrument :
BNA_G
ClientSampleId :
72-11939MS

Tot Ion:172 Resp: 663334
Ion Ratio Lower Upper
172 100
171 35.3 29.5 44.3
170 22.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.515 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion:154 Resp: 478137
Ion Ratio Lower Upper
154 100
153 41.5 22.2 62.2
76 11.4 0.0 32.4

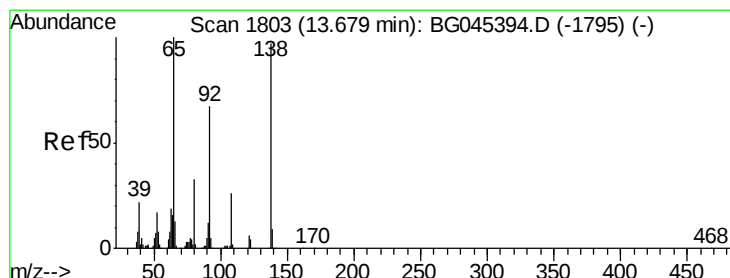
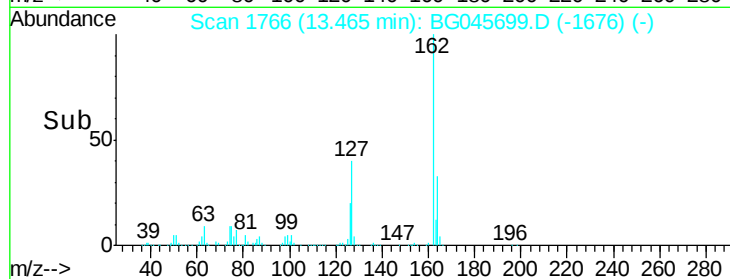
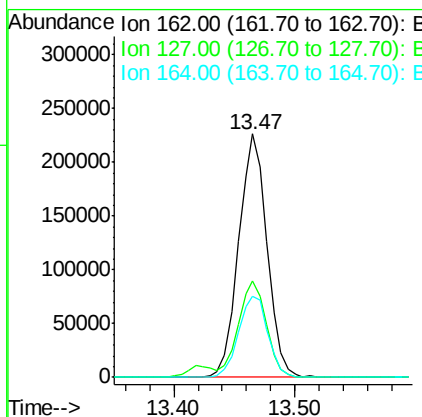
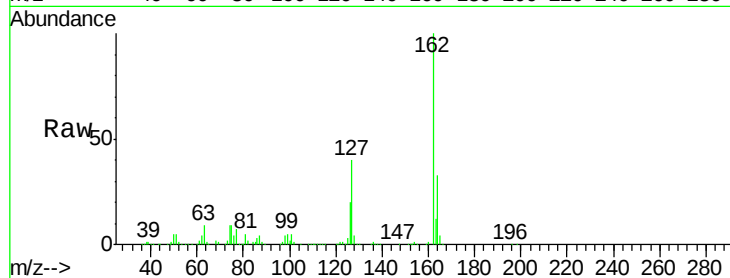




#47
2-Chloronaphthalene
Concen: 39.445 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

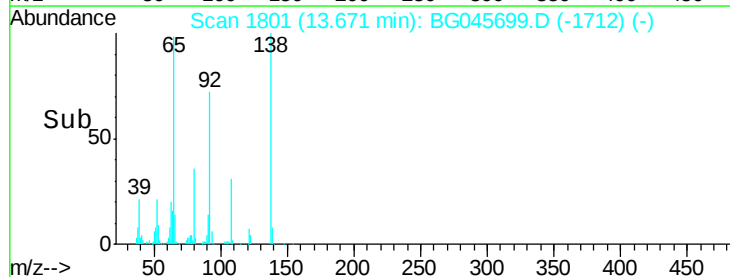
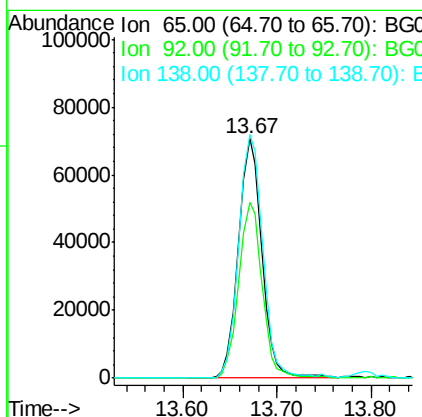
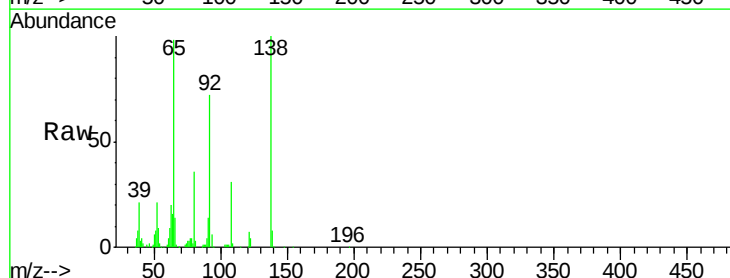
Instrument :
BNA_G
ClientSampleId :
72-11939MS

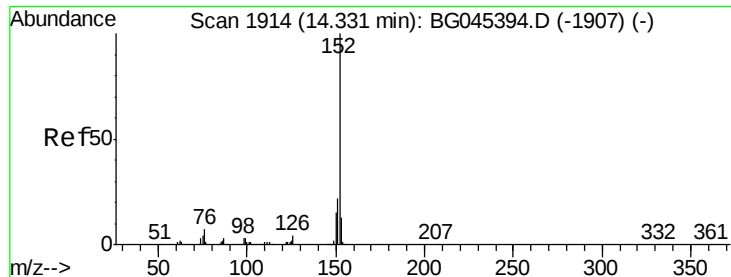
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.6	47.4
164	33.5	28.1	42.1



#48
2-Nitroaniline
Concen: 40.053 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.8	80.8
138	101.6	77.9	116.9





#49

Acenaphthylene

Concen: 40.183 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

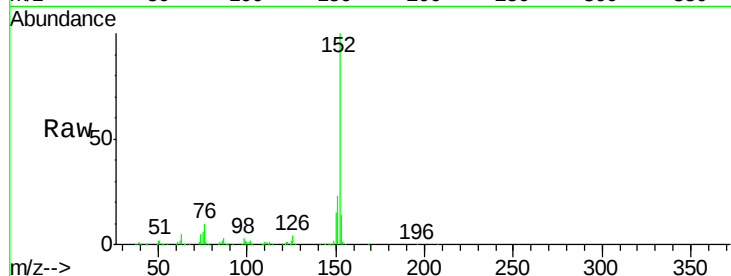
Tot Ion:152 Resp: 603645

Ion Ratio Lower Upper

152 100

151 22.7 17.4 26.2

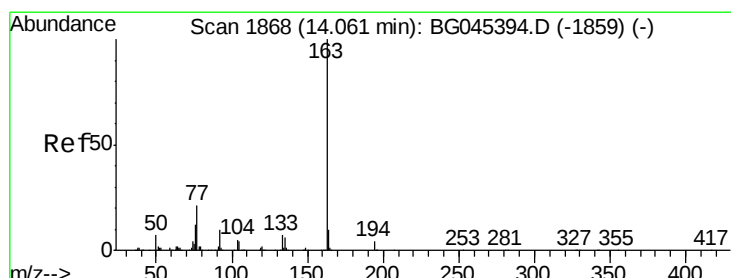
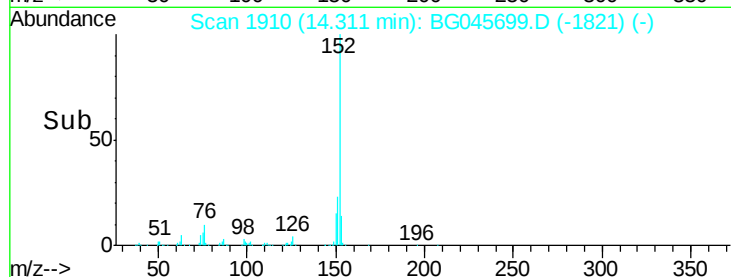
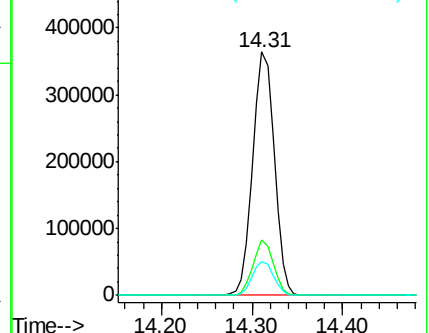
153 14.1 10.7 16.1



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: 48.622 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

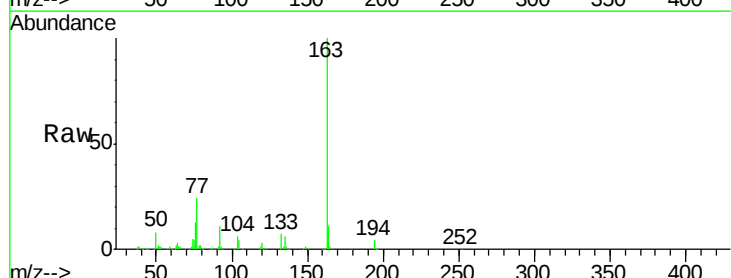
Tgt Ion:163 Resp: 625191

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

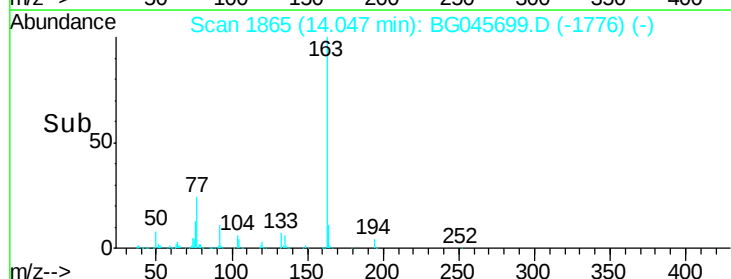
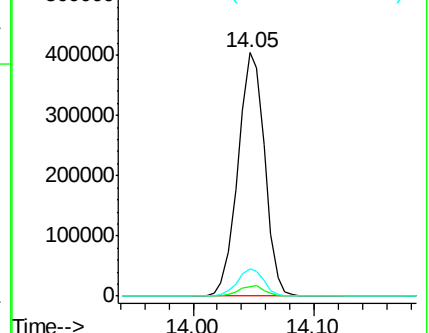
164 11.1 8.3 12.5

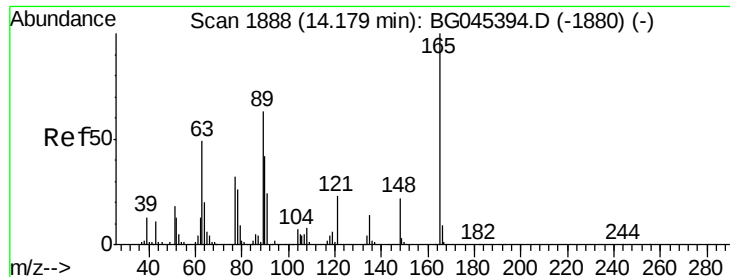


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

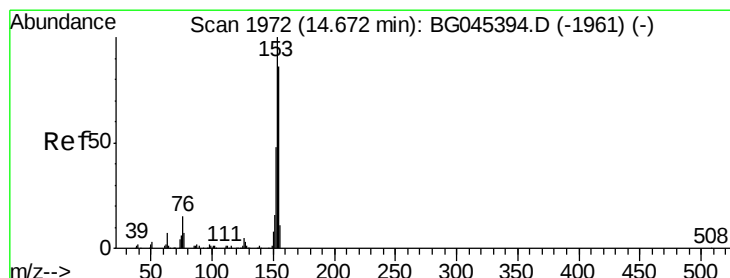
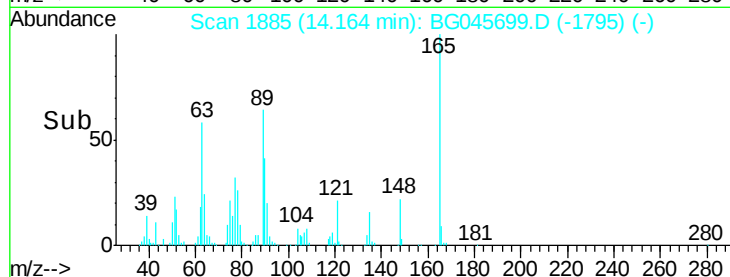
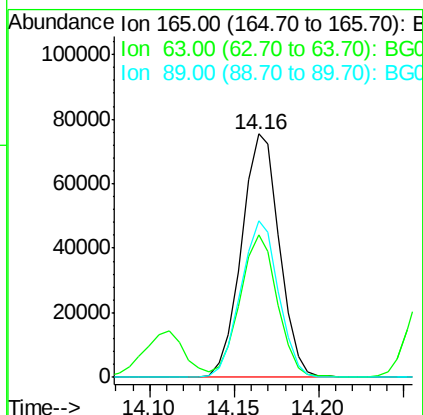
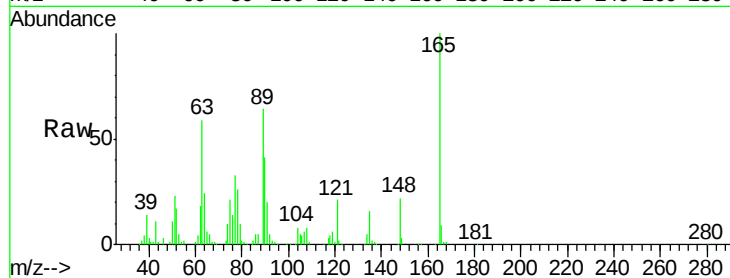




#51
 2,6-Dinitrotoluene
 Concen: 40.468 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

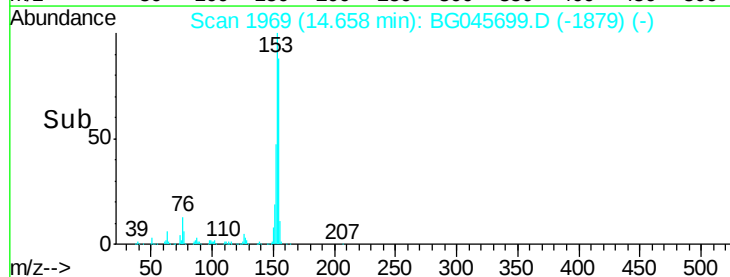
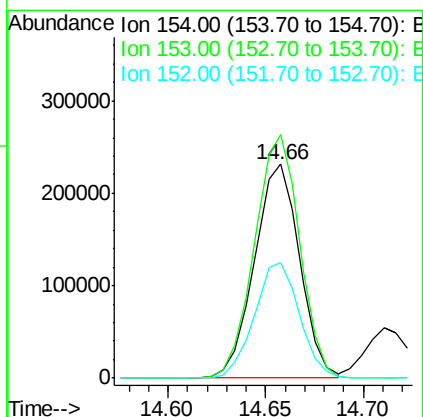
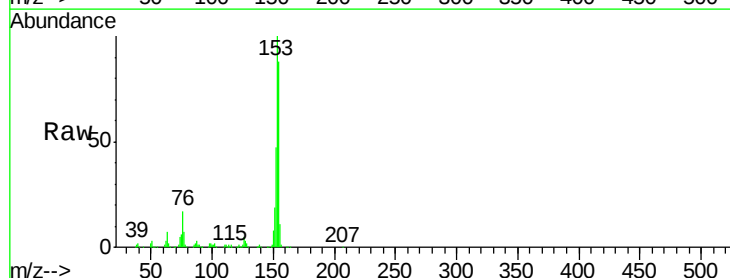
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MS

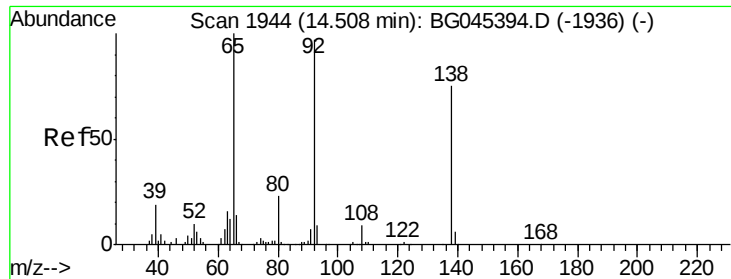
Tot Ion:165 Resp: 117415
 Ion Ratio Lower Upper
 165 100
 63 58.6 45.0 67.4
 89 64.5 50.2 75.4



#52
 Acenaphthene
 Concen: 36.801 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

Tgt Ion:154 Resp: 370066
 Ion Ratio Lower Upper
 154 100
 153 113.8 92.8 139.2
 152 54.0 44.6 66.8

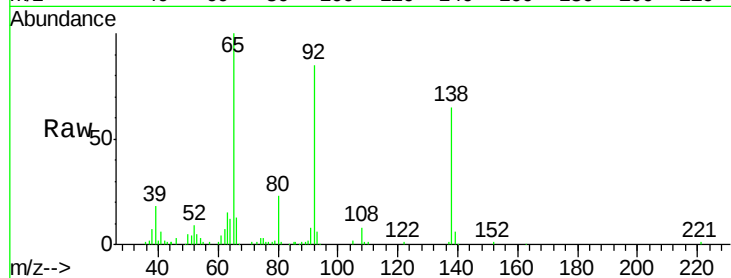




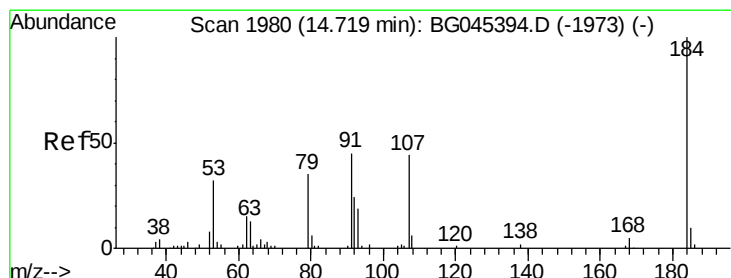
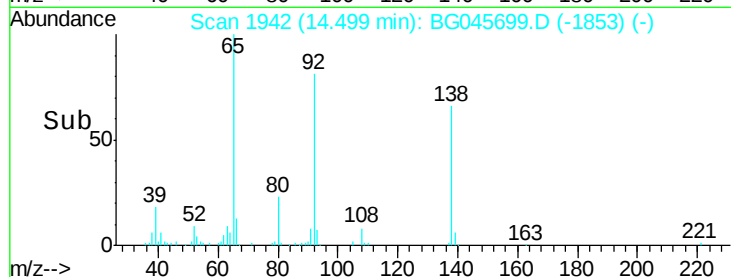
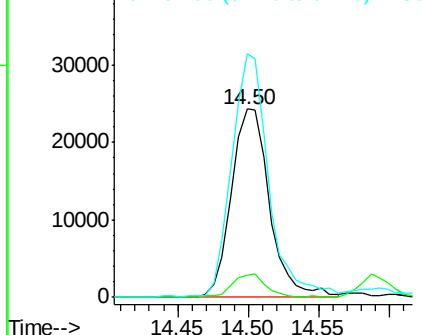
#53
3-Nitroaniline
Concen: 15.578 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
72-11939MS

Tot Ion:138 Resp: 45948
Ion Ratio Lower Upper
138 100
108 11.5 9.8 14.6
92 129.5 103.0 154.4

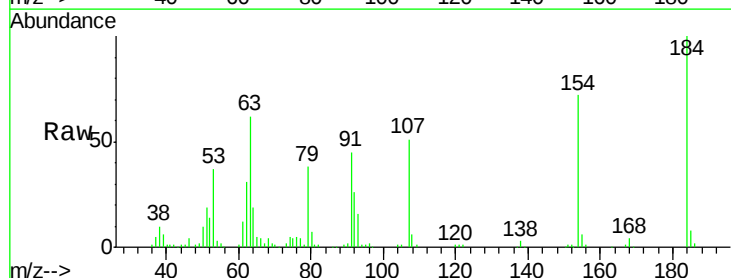


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

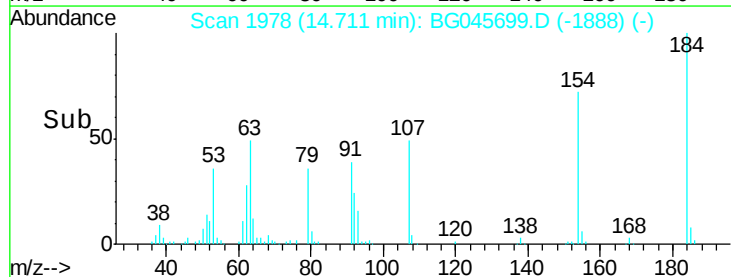
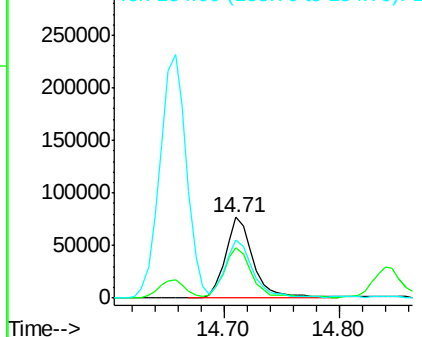


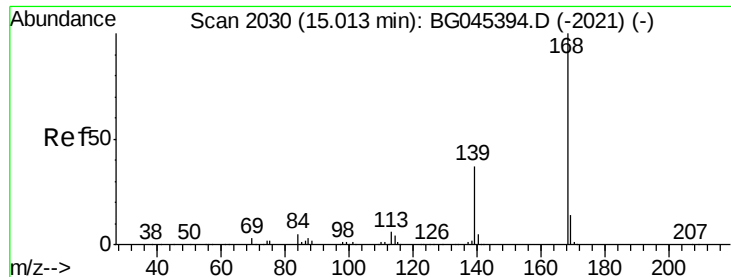
#54
2,4-Dinitrophenol
Concen: 68.680 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion:184 Resp: 128962
Ion Ratio Lower Upper
184 100
63 61.9 47.8 71.6
154 71.5 58.3 87.5



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

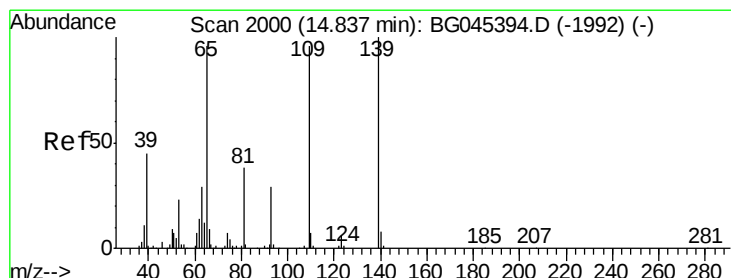
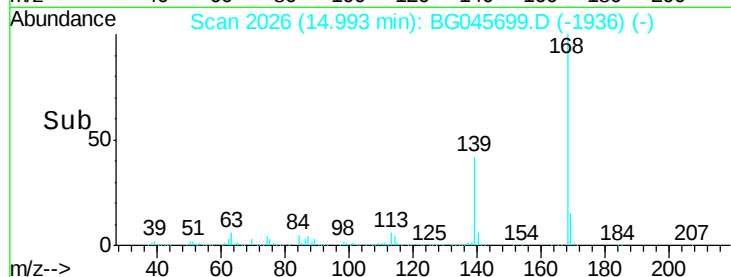
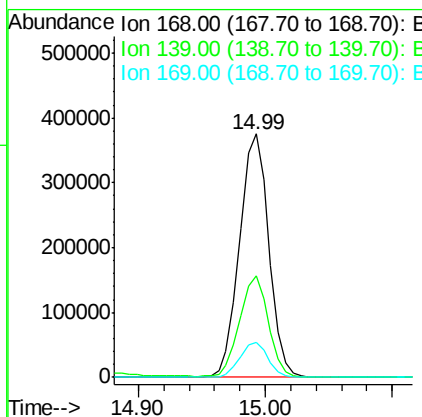
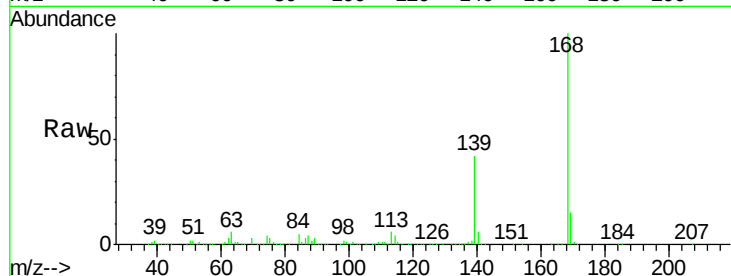




#55
Dibenzofuran
Concen: 40.229 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

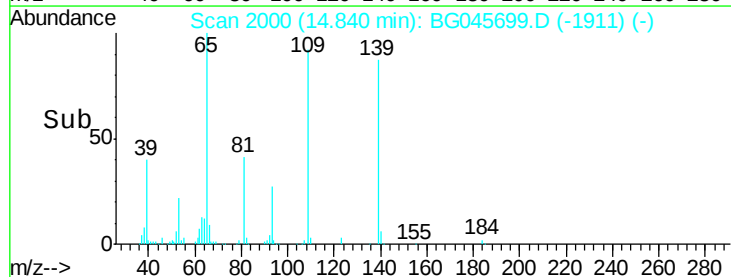
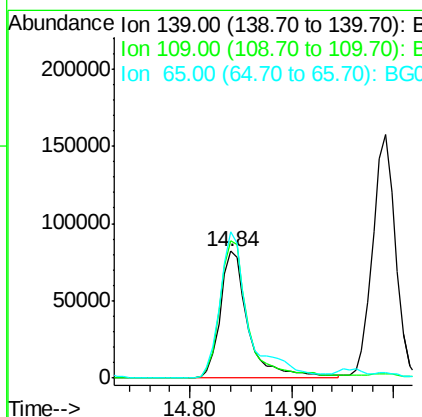
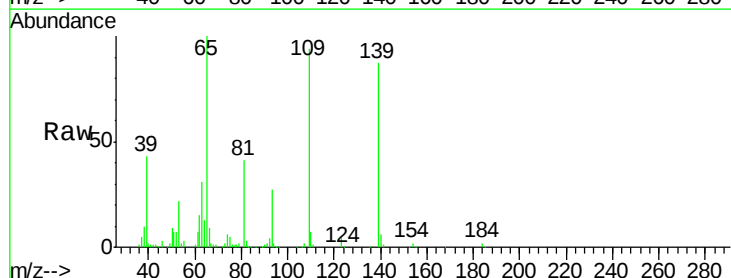
Instrument :
BNA_G
ClientSampleId :
72-11939MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	29.9	44.9
169	14.5	10.9	16.3



#56
4-Nitrophenol
Concen: 70.420 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.0	75.6	115.6
65	115.4	76.8	116.8

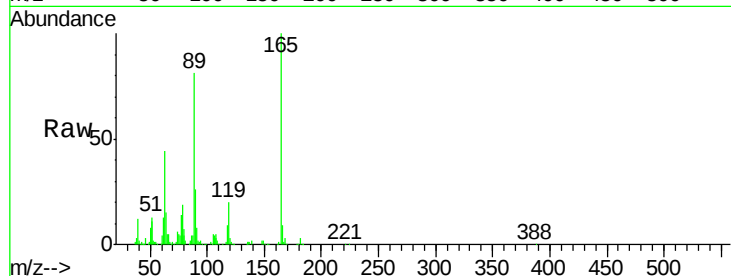




#57
2,4-Dinitrotoluene
Concen: 39.873 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
72-11939MS

Tot Ion:165	Resp: 167551
Ion Ratio	Lower Upper
165 100	
63 44.5	32.5 48.7
89 81.3	61.8 92.6
182 3.0	2.3 3.5

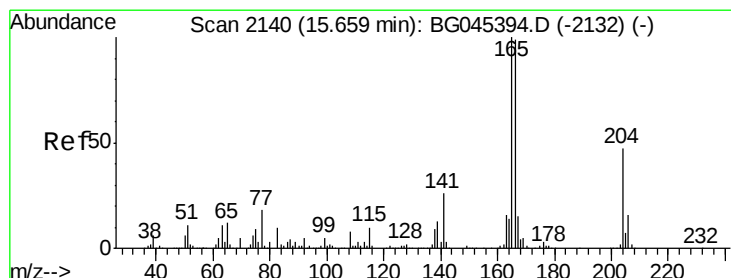
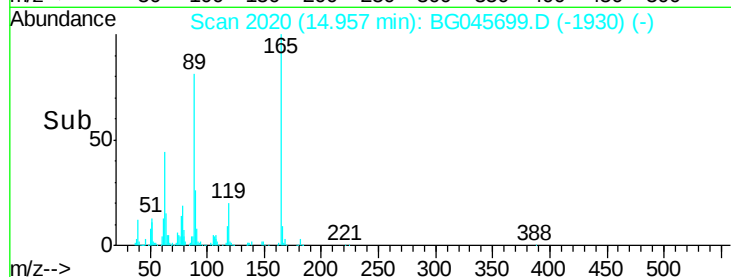
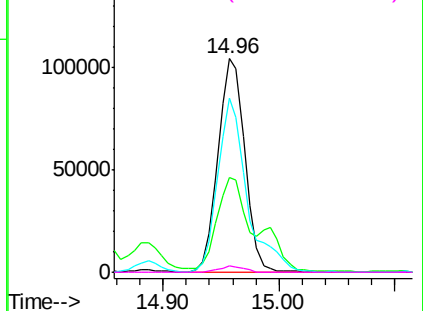


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

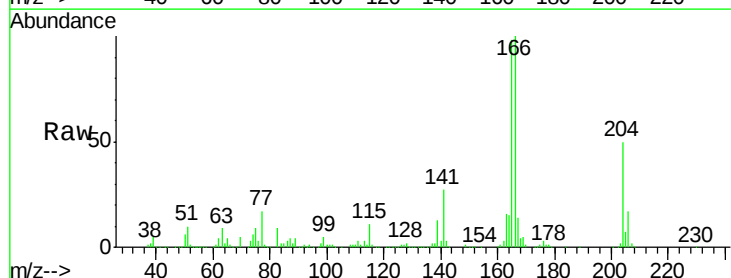
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.080 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

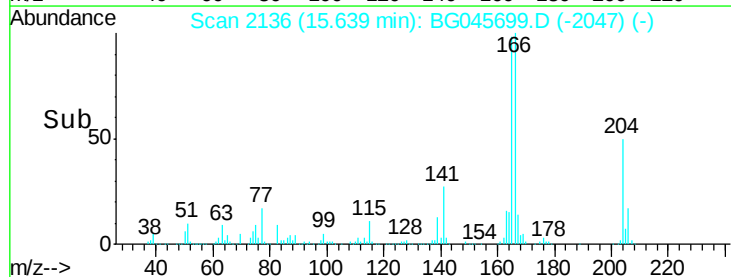
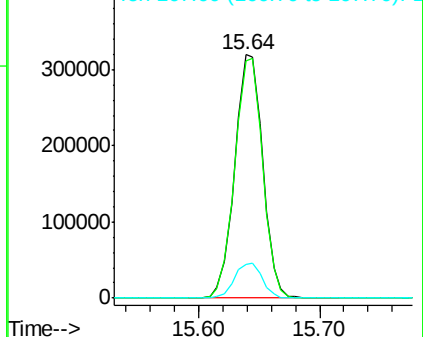
Tgt	Ion:166	Resp:	516241
Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.8	121.2
167	14.0	12.0	18.0

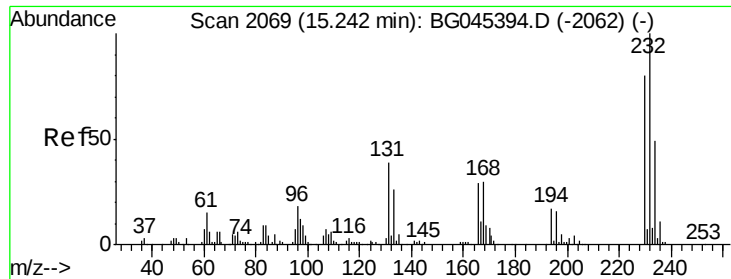


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

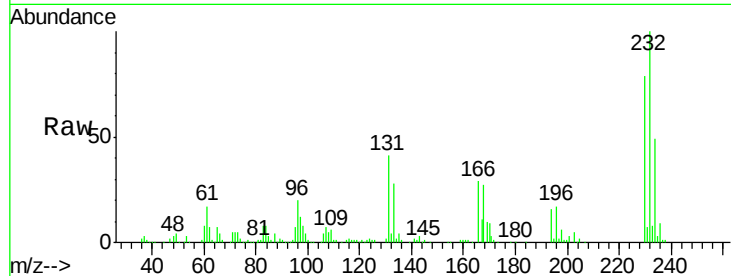




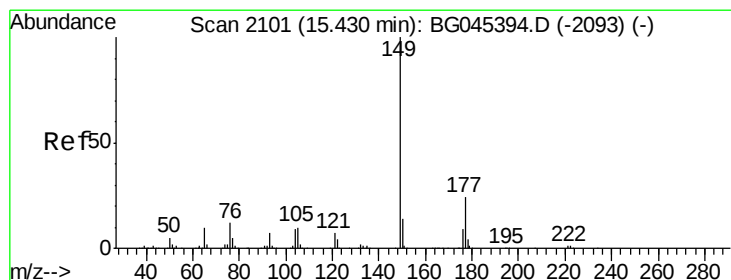
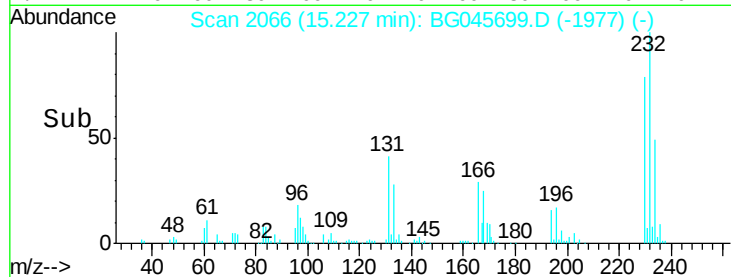
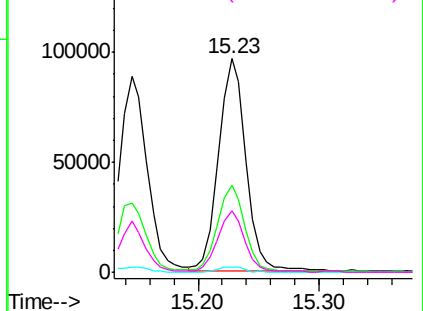
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.456 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MS

Tot Ion:232 Resp: 151579
 Ion Ratio Lower Upper
 232 100
 131 41.0 33.7 50.5
 130 2.3 2.1 3.1
 166 28.0 23.2 34.8

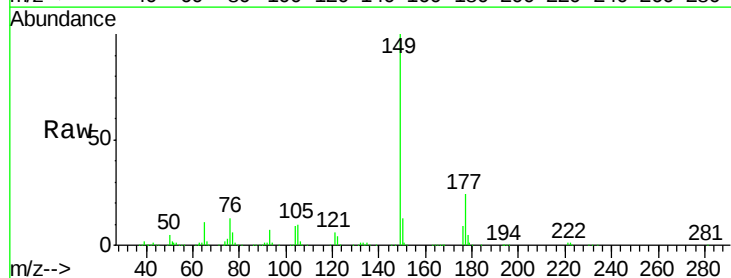


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

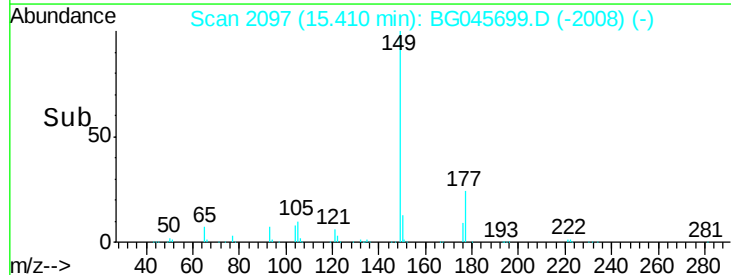
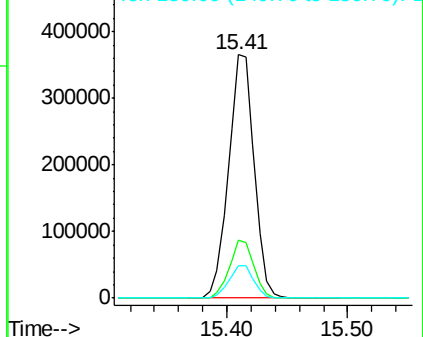


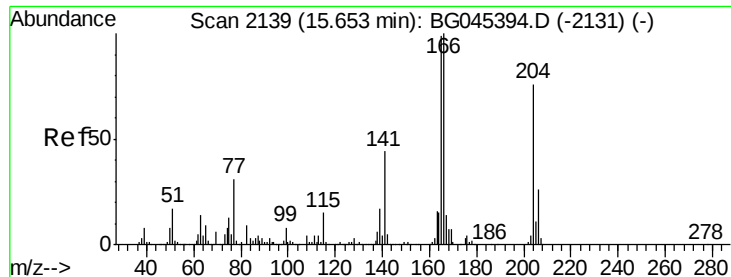
#60
 Diethylphthalate
 Concen: 40.053 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

Tgt Ion:149 Resp: 536044
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.0 28.4
 150 13.4 11.4 17.0



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

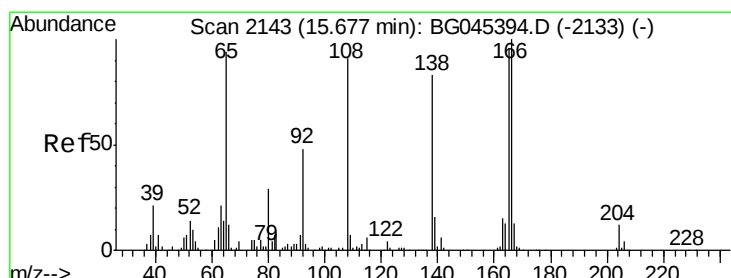
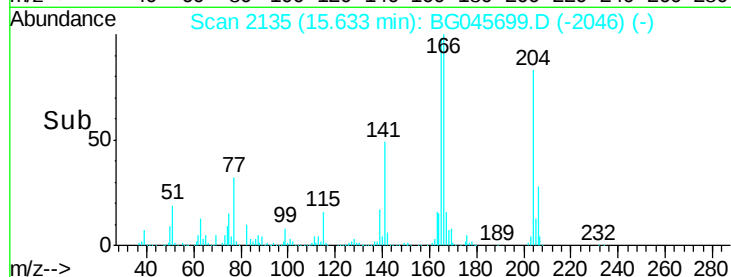
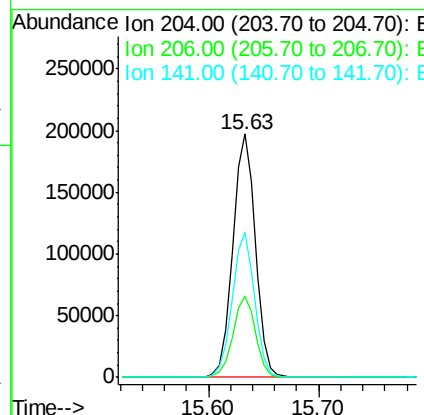
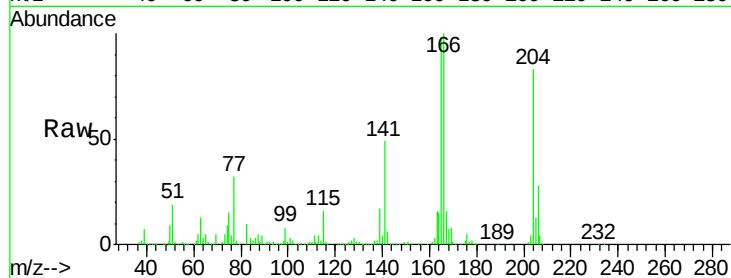




#61
 4-Chlorophenyl-phenylether
 Concen: 40.232 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

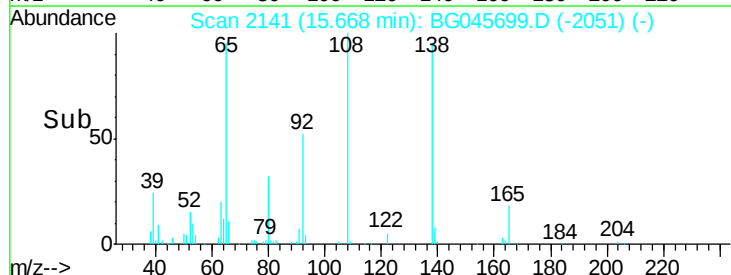
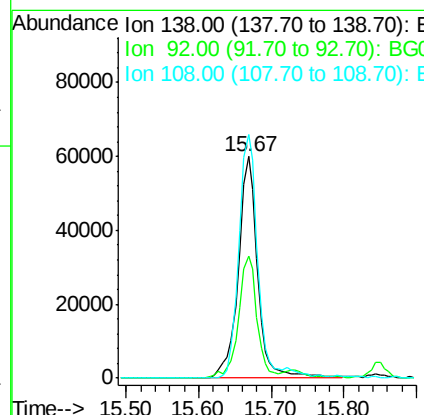
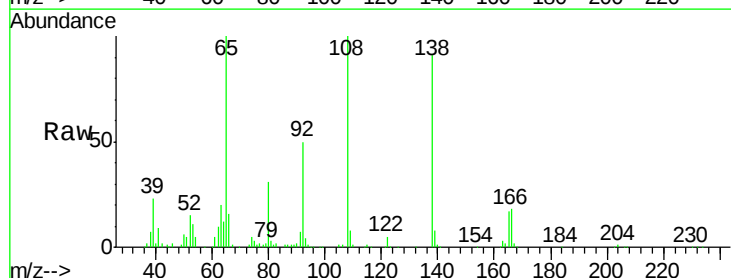
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MS

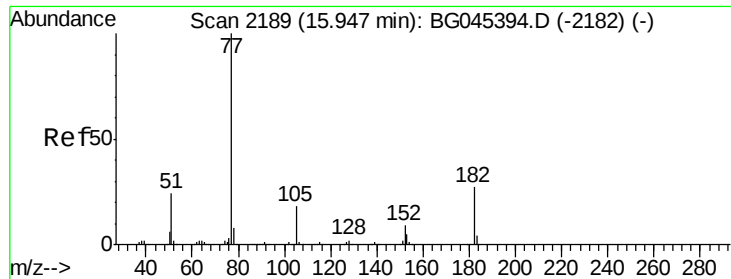
Tot Ion:204 Resp: 282442
 Ion Ratio Lower Upper
 204 100
 206 33.4 27.3 40.9
 141 59.5 45.9 68.9



#62
 4-Nitroaniline
 Concen: 36.358 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

Tgt Ion:138 Resp: 111951
 Ion Ratio Lower Upper
 138 100
 92 54.8 38.0 78.0
 108 109.9 89.3 129.3





#63

Azobenzene

Concen: 42.066 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

Tot Ion: 77 Resp: 524949

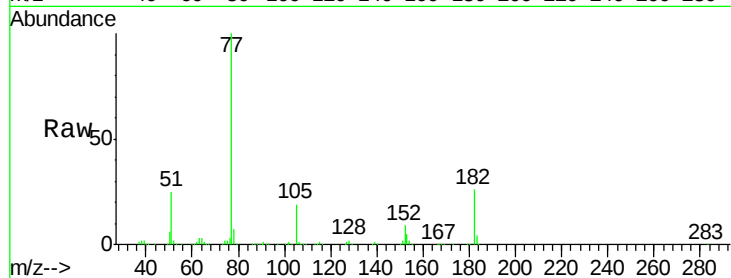
Ion Ratio Lower Upper

77 100

182 26.1 6.5 46.5

105 18.6 0.0 37.9

51 25.1 4.1 44.1

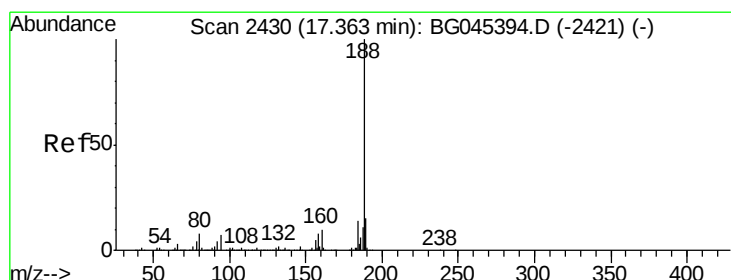
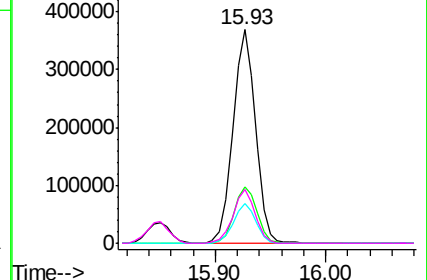
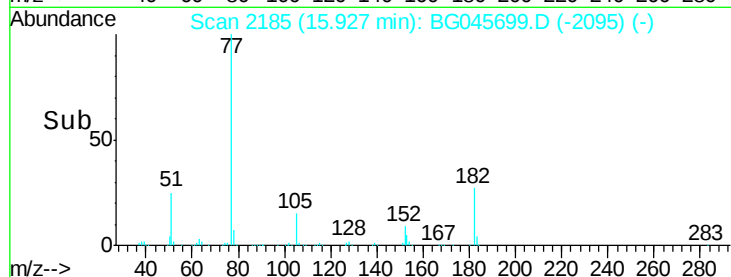


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045699.D

Acq: 10 Jun 2020 19:56

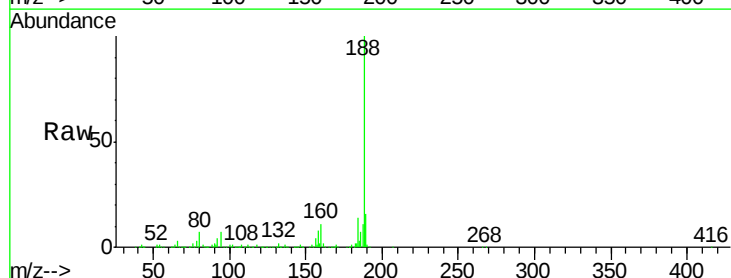
Tgt Ion: 188 Resp: 448669

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

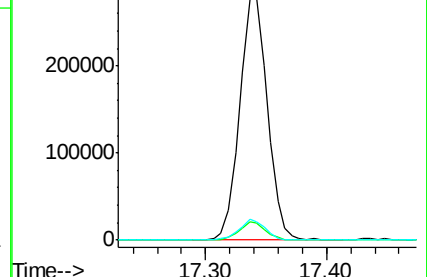
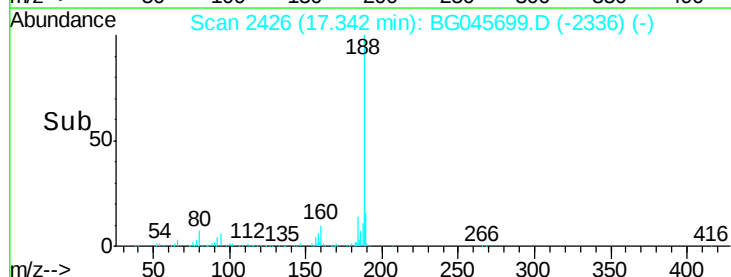
80 7.4 6.6 10.0

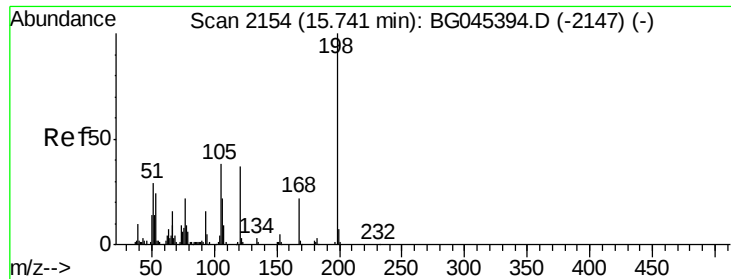


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.793 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

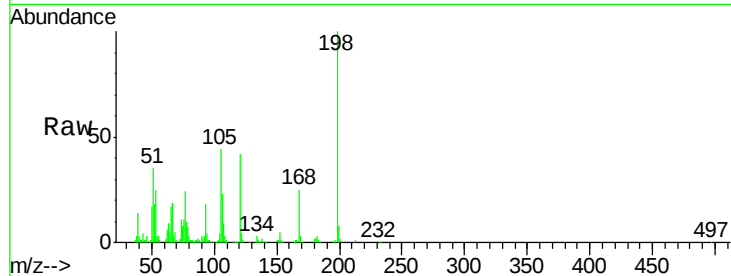
Tot Ion:198 Resp: 106594

Ion Ratio Lower Upper

198 100

51 34.8 10.0 50.0

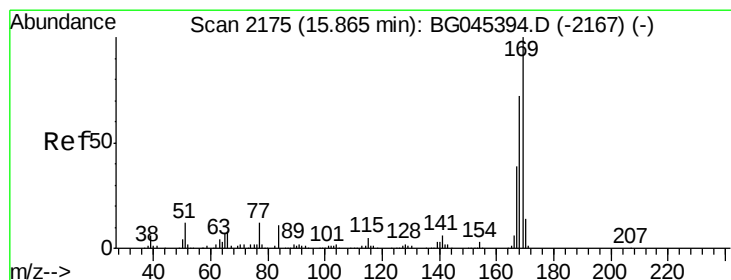
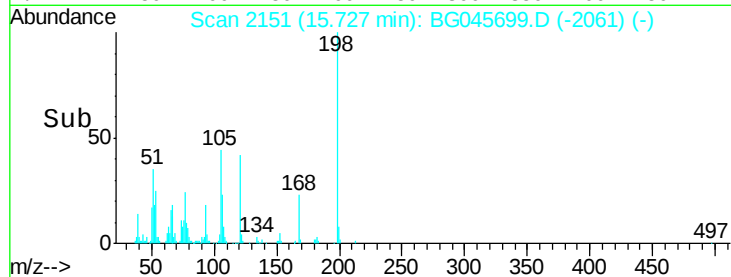
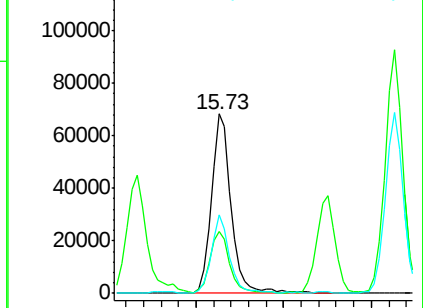
105 44.1 18.9 58.9



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: 41.837 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

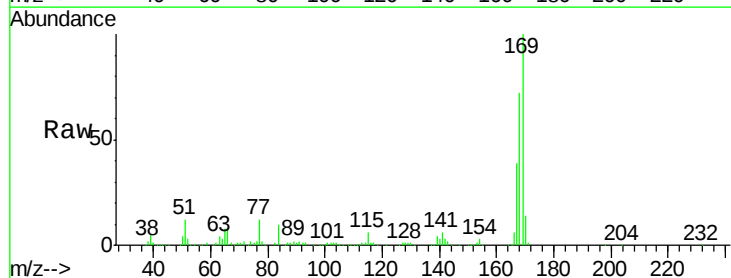
Tgt Ion:169 Resp: 450686

Ion Ratio Lower Upper

169 100

168 71.7 57.8 86.6

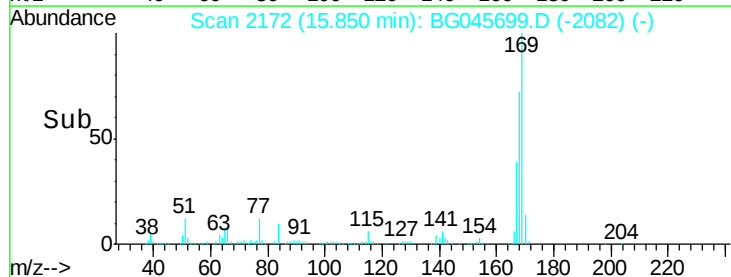
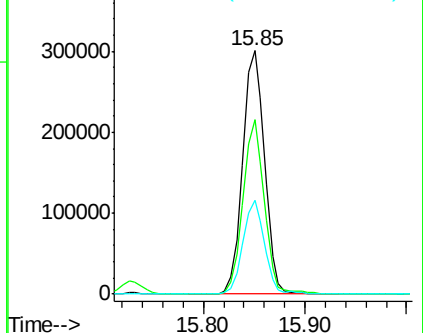
167 38.6 31.5 47.3



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

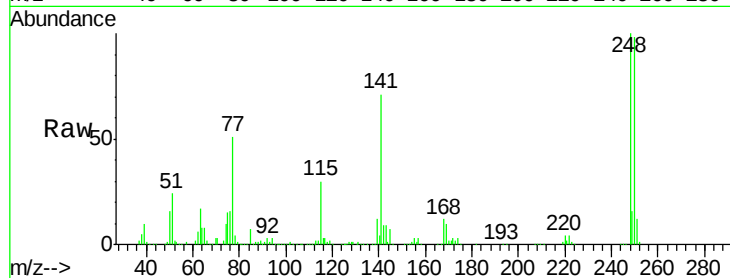




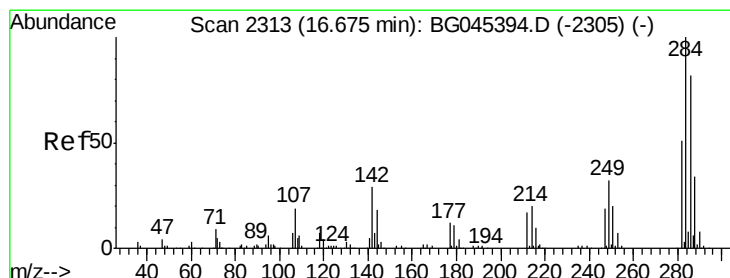
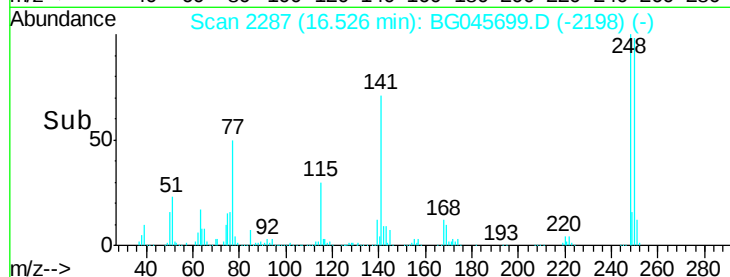
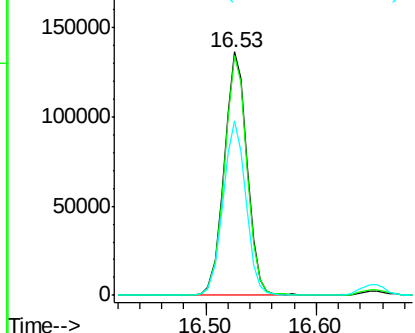
#67
 4-Bromophenyl-phenylether
 Concen: 40.641 ng
 RT: 16.53 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 72-11939MS

Tot Ion:248 Resp: 197448
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.6 117.8
 141 71.4 58.2 87.2

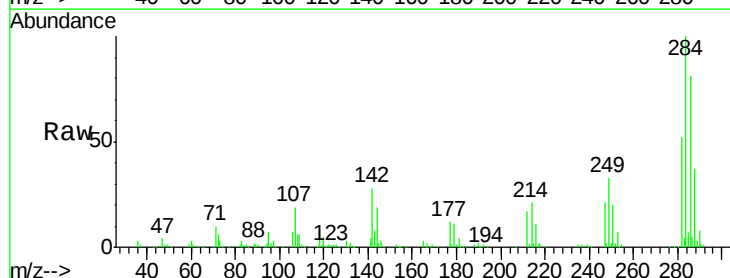


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

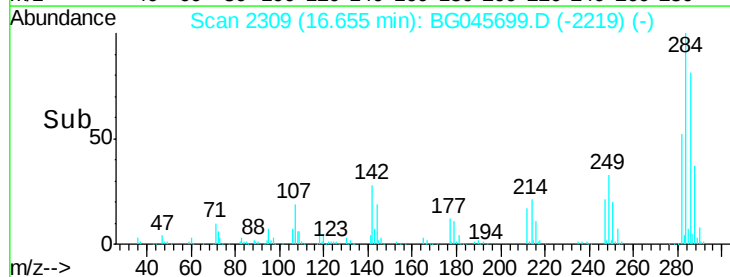
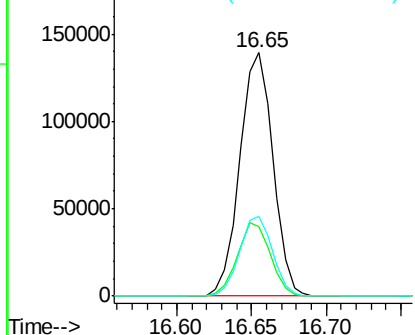


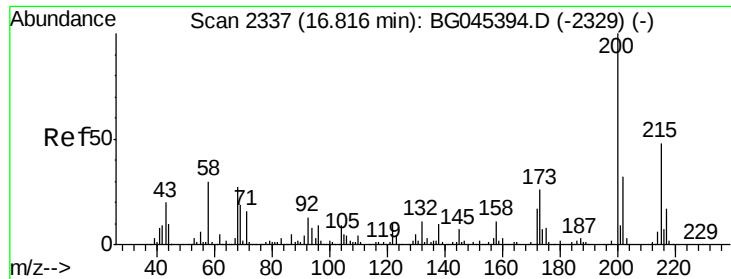
#68
 Hexachlorobenzene
 Concen: 42.076 ng
 RT: 16.65 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

Tgt Ion:284 Resp: 213807
 Ion Ratio Lower Upper
 284 100
 142 28.5 23.0 34.6
 249 32.9 25.8 38.6



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

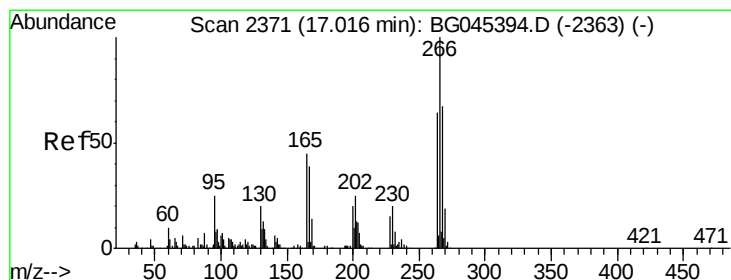
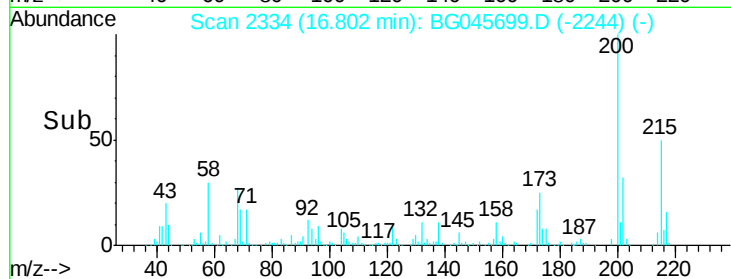
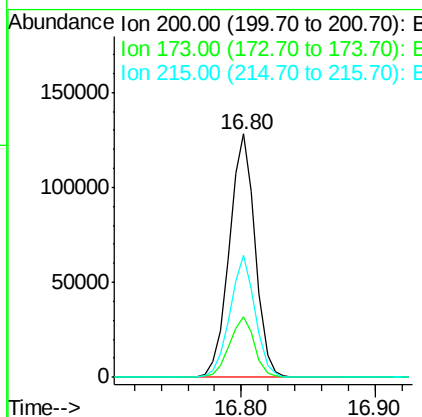
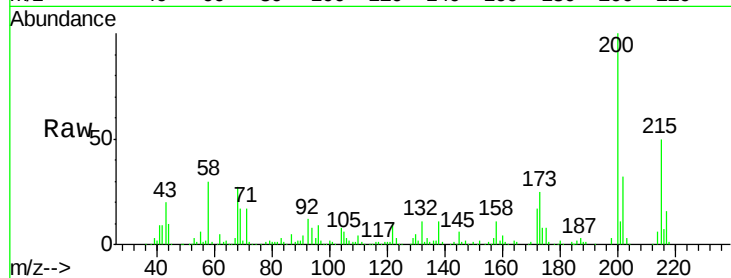




#69
 Atrazine
 Concen: 39.080 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

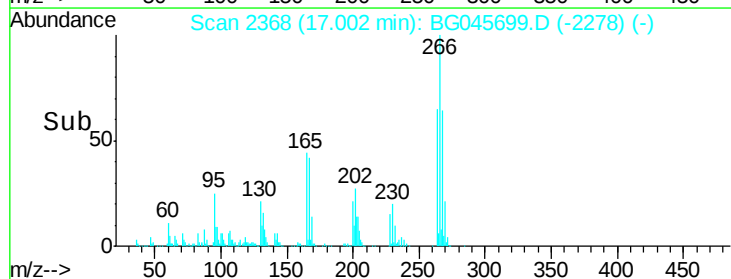
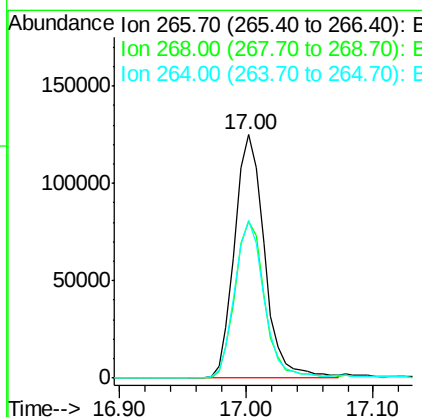
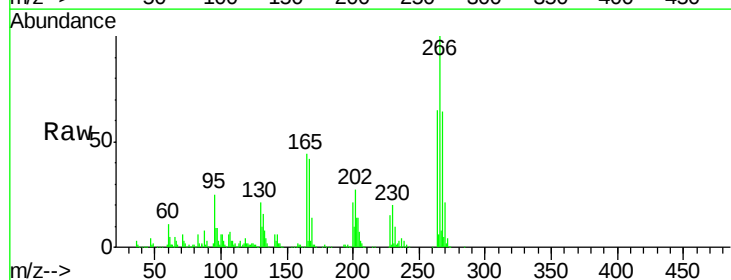
Instrument :
 BNA_G
 ClientSampleId :
 72-11939MS

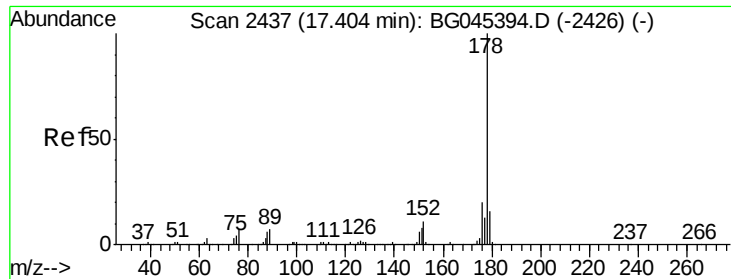
Tot Ion:200 Resp: 173402
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.5 45.5
 215 50.3 28.2 68.2



#70
 Pentachlorophenol
 Concen: 77.458 ng
 RT: 17.00 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BG045699.D
 Acq: 10 Jun 2020 19:56

Tgt Ion:266 Resp: 204372
 Ion Ratio Lower Upper
 266 100
 268 64.4 53.2 79.8
 264 64.6 51.0 76.4

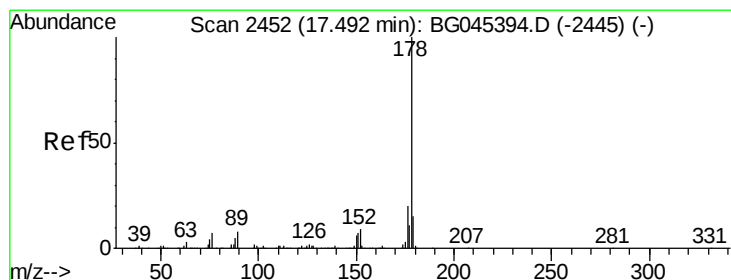
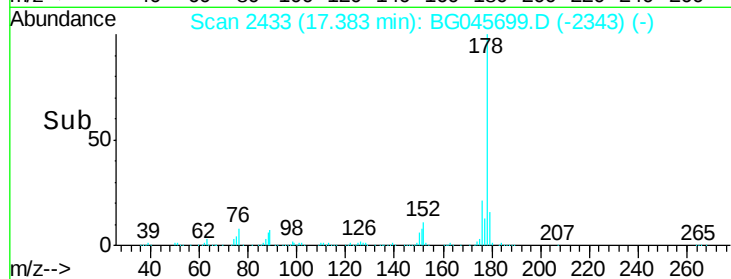
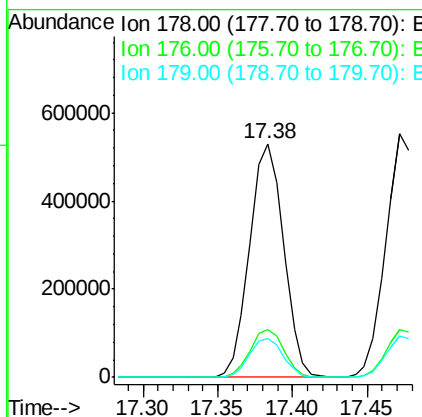
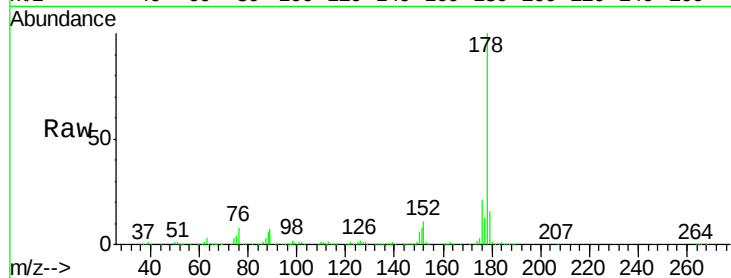




#71
Phenanthrene
Concen: 42.687 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

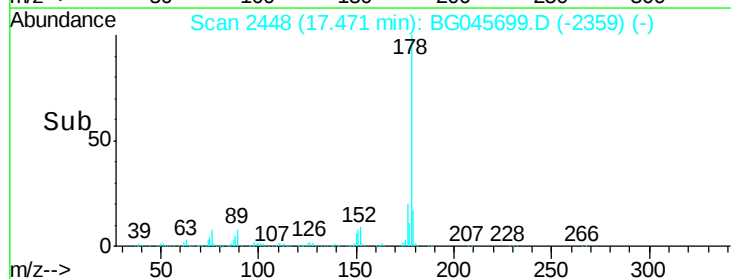
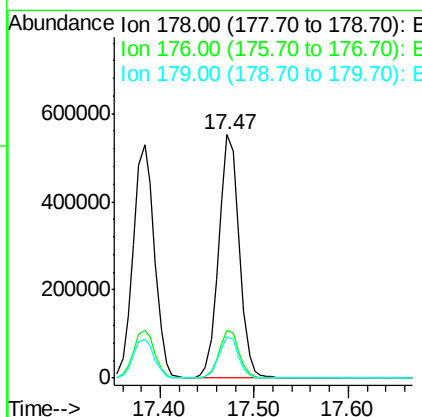
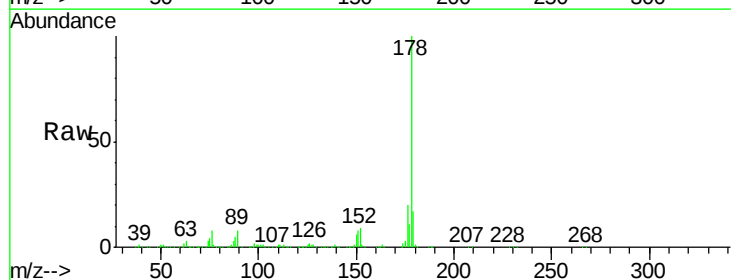
Instrument :
BNA_G
ClientSampleId :
72-11939MS

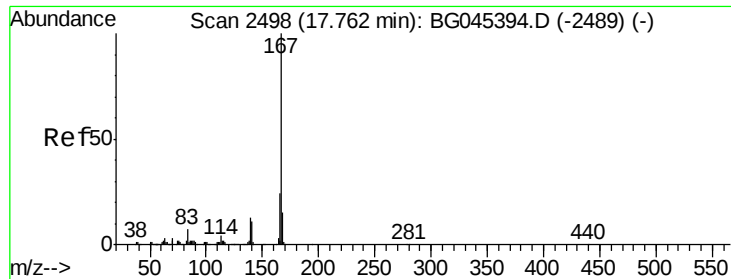
Tot Ion:178 Resp: 836107
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.5 13.1 19.7



#72
Anthracene
Concen: 42.706 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion:178 Resp: 840027
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 17.1 12.2 18.4





#73

Carbazole

Concen: 39.773 ng

RT: 17.75 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

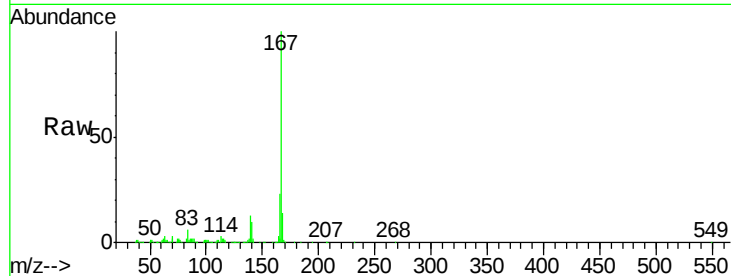
Tot Ion:167 Resp: 762584

Ion Ratio Lower Upper

167 100

166 23.2 19.2 28.8

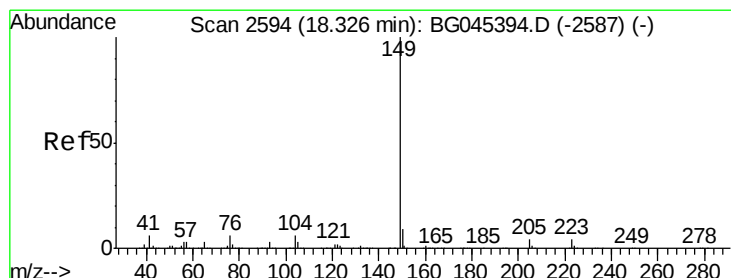
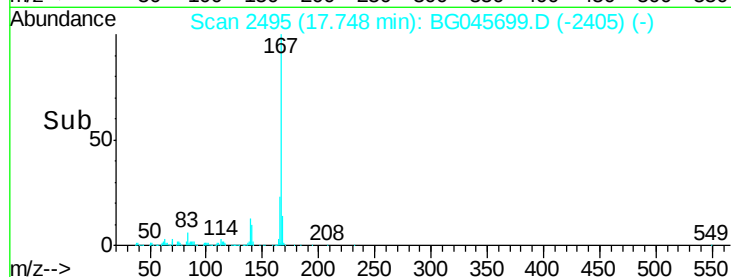
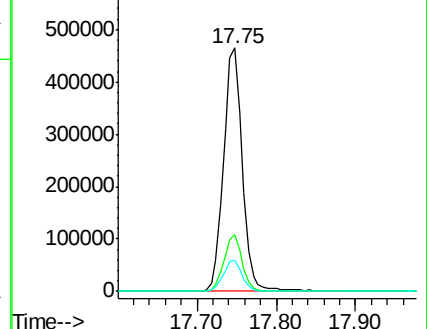
139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.994 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

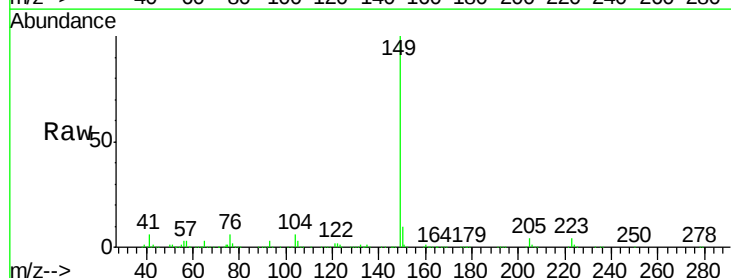
Tgt Ion:149 Resp: 920367

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

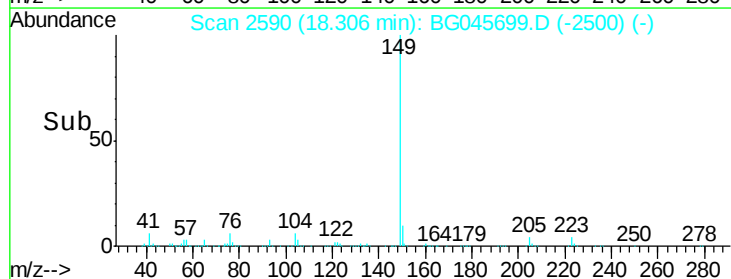
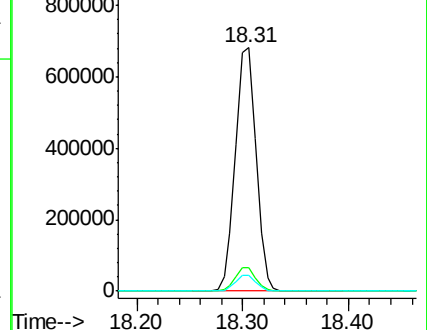
104 6.3 5.0 7.4

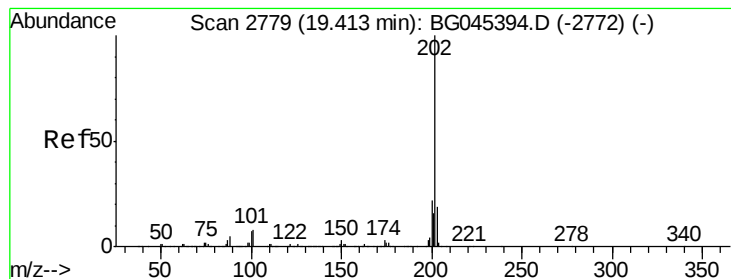


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.264 ng

RT: 19.39 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

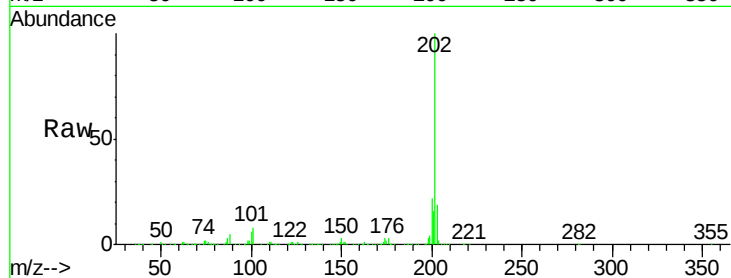
Tot Ion:202 Resp: 1028029

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.3

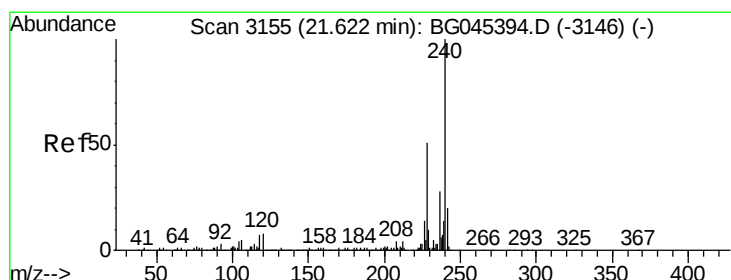
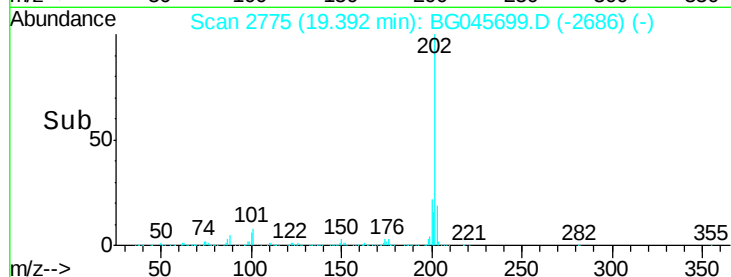
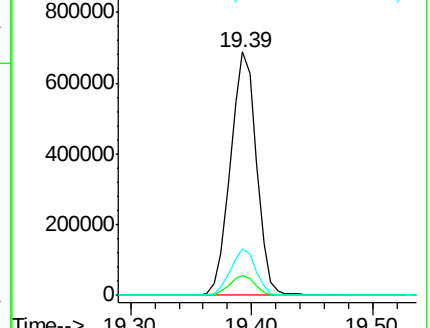
203 19.3 0.0 39.0



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: BG045699.D

Acq: 10 Jun 2020 19:56

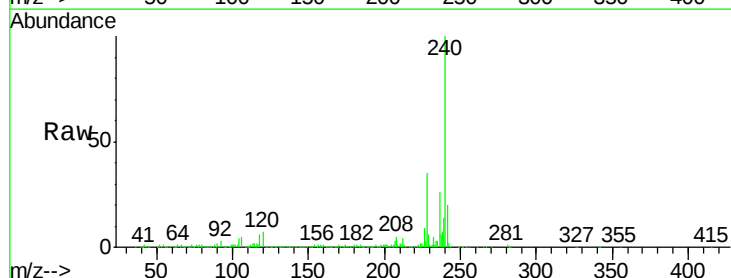
Tgt Ion:240 Resp: 409639

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

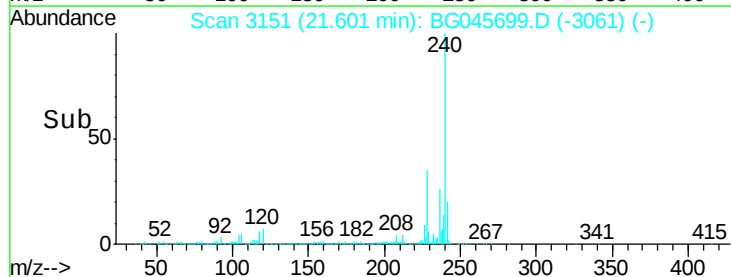
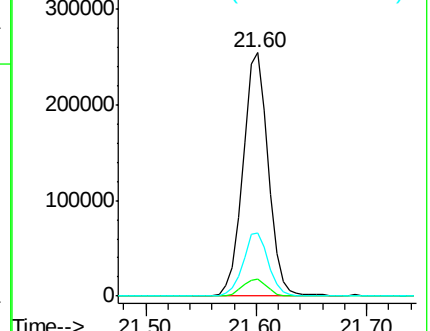
236 26.0 22.3 33.5

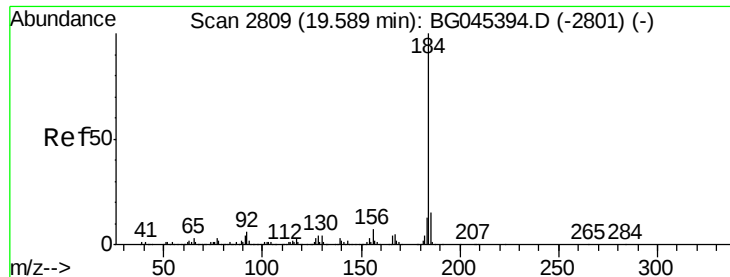


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.023 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

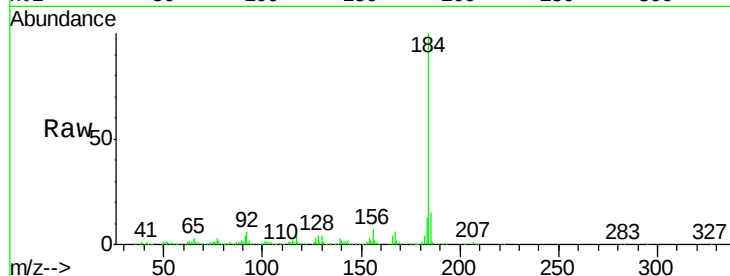
Tot Ion:184 Resp: 425943

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

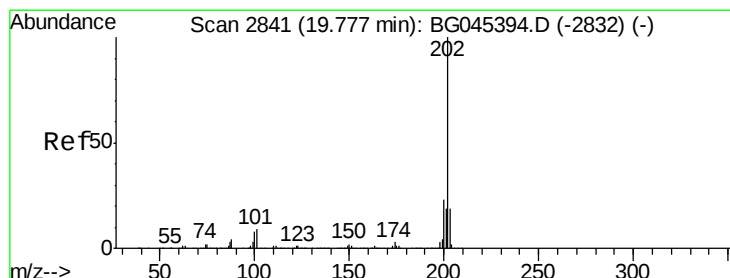
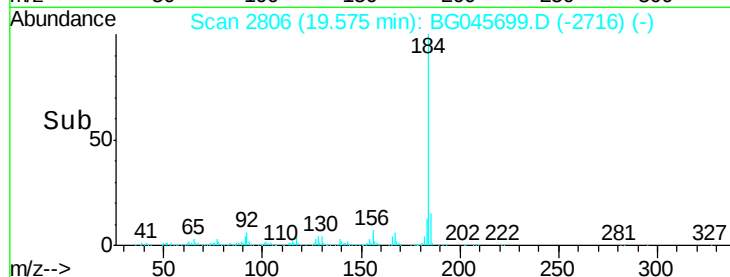
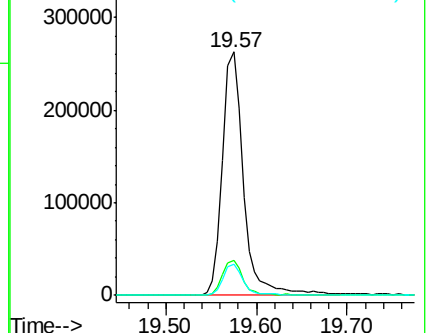
183 12.6 10.2 15.4



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: 43.124 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

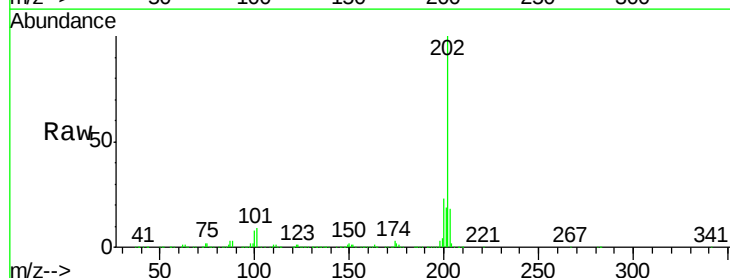
Tgt Ion:202 Resp: 1006986

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

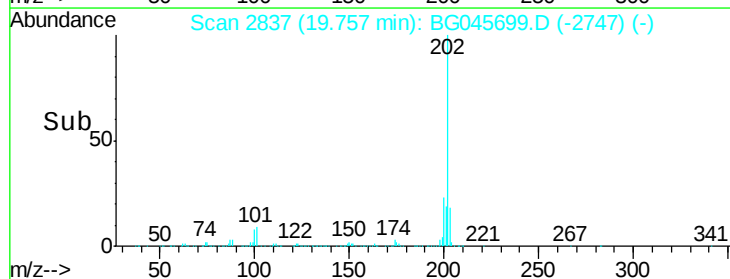
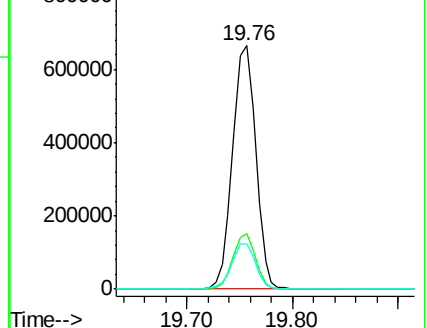
203 18.4 15.1 22.7

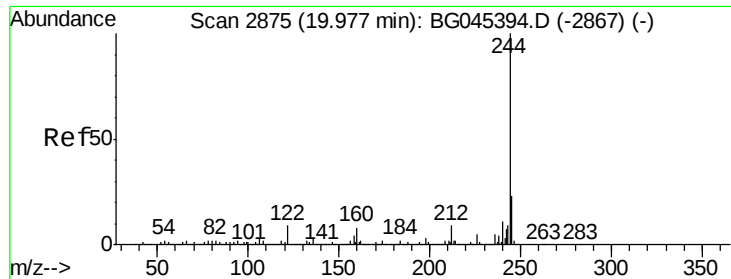


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.395 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

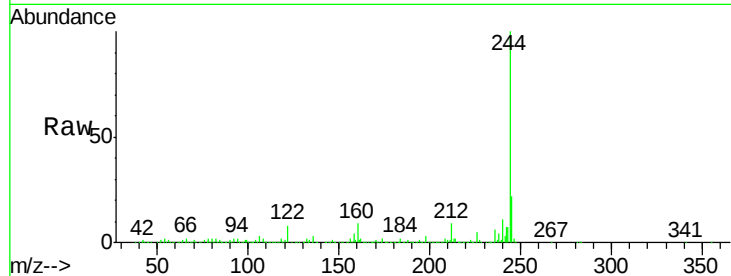
Tot Ion:244 Resp: 1183709

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

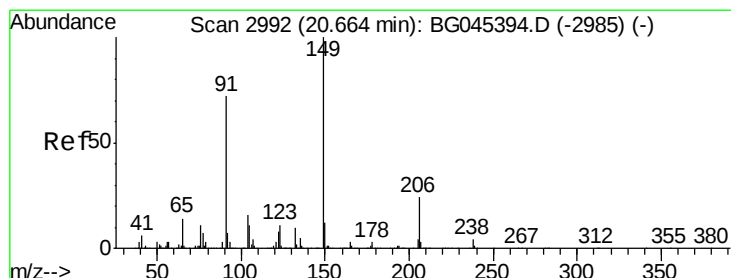
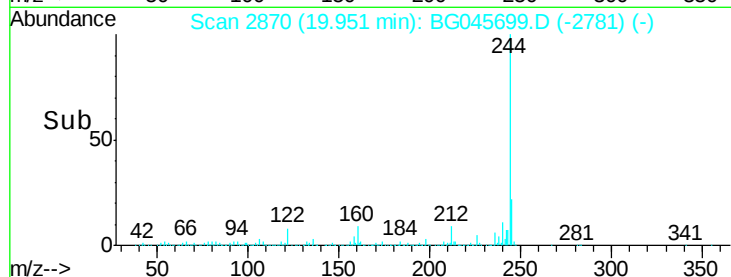
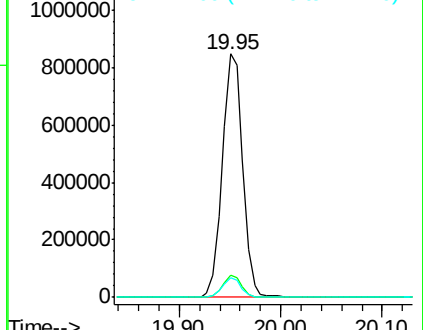
122 8.0 6.8 10.2



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: 40.096 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

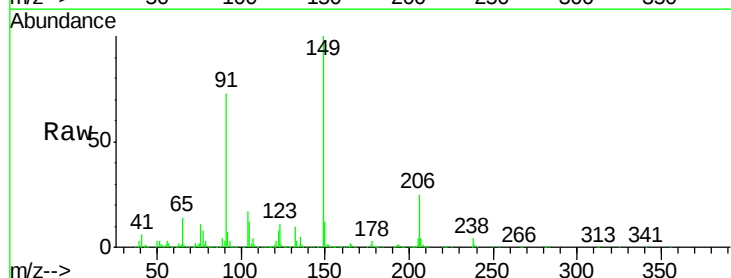
Tgt Ion:149 Resp: 404127

Ion Ratio Lower Upper

149 100

91 73.2 57.8 86.6

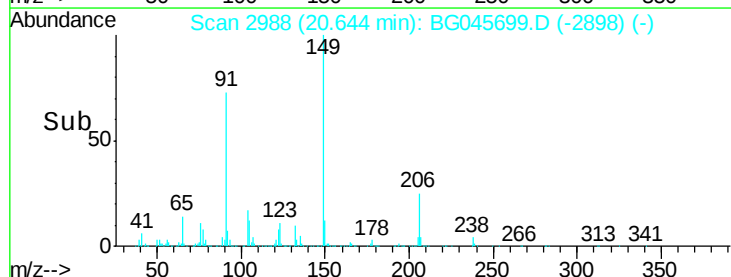
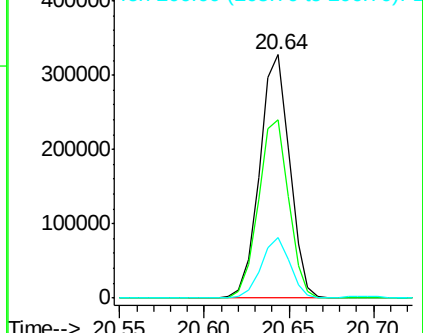
206 24.7 19.1 28.7

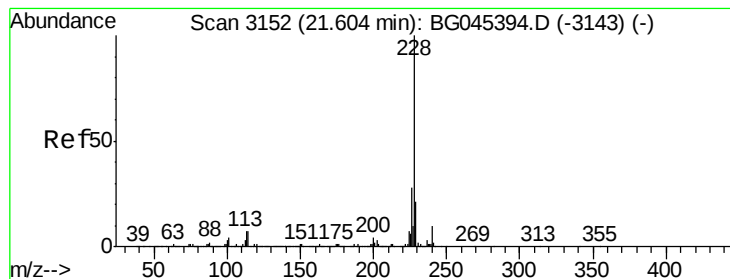


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.857 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

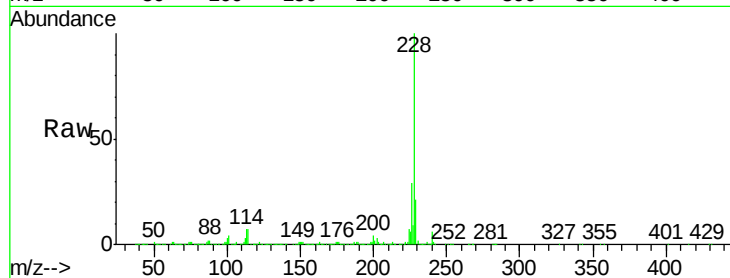
Tot Ion:228 Resp: 955153

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

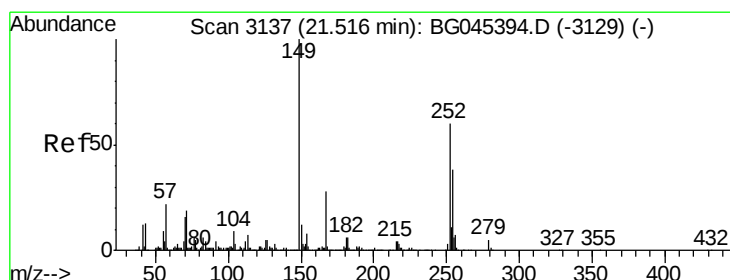
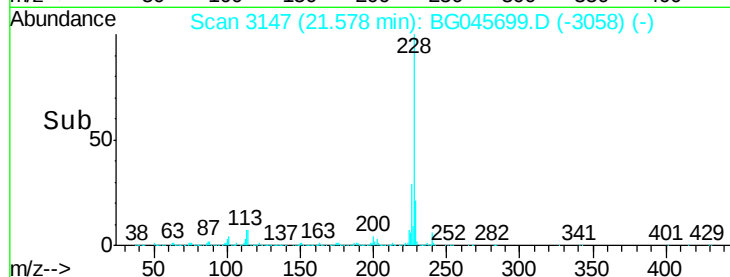
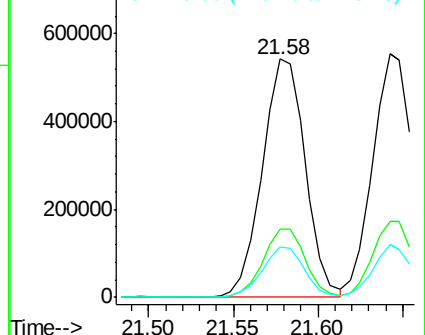
229 21.1 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.874 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

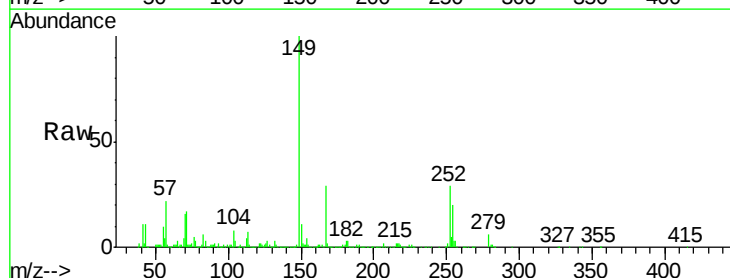
Tgt Ion:252 Resp: 177901

Ion Ratio Lower Upper

252 100

254 66.7 51.3 76.9

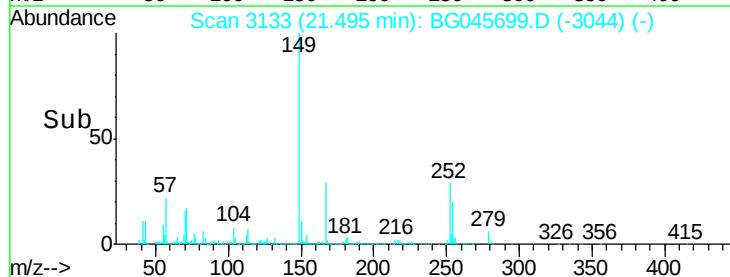
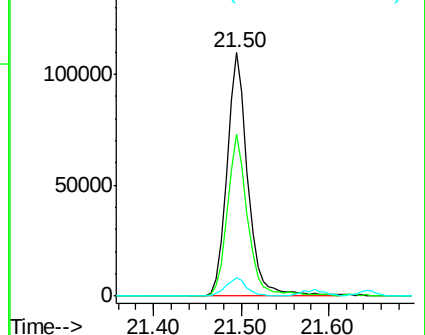
126 7.7 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 41.903 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

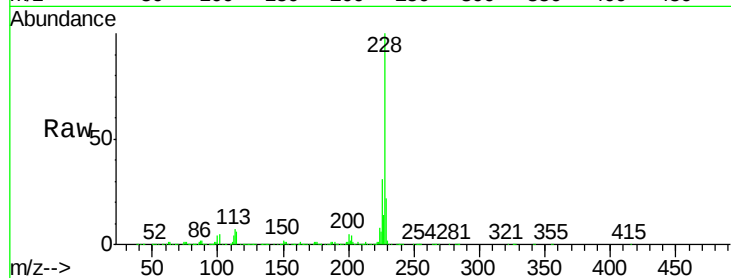
Tot Ion:228 Resp: 919436

Ion Ratio Lower Upper

228 100

226 31.4 25.2 37.8

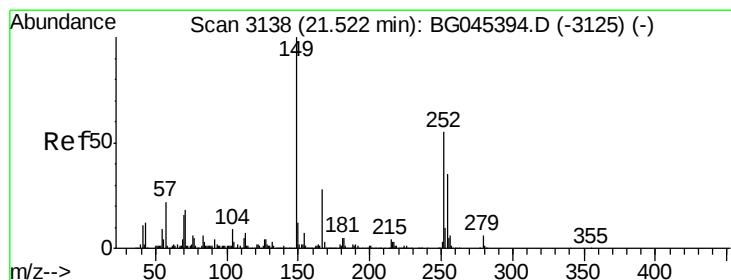
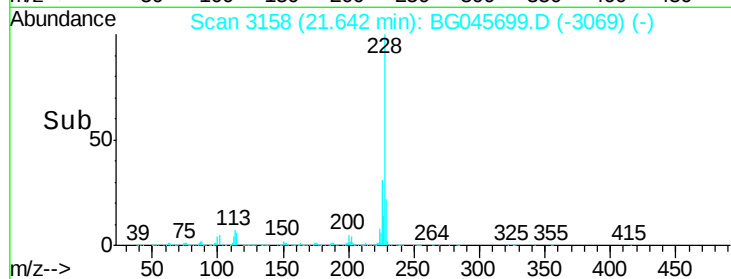
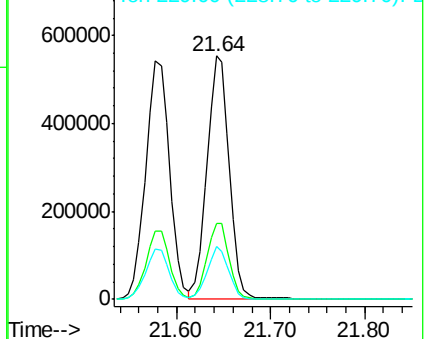
229 21.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.673 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

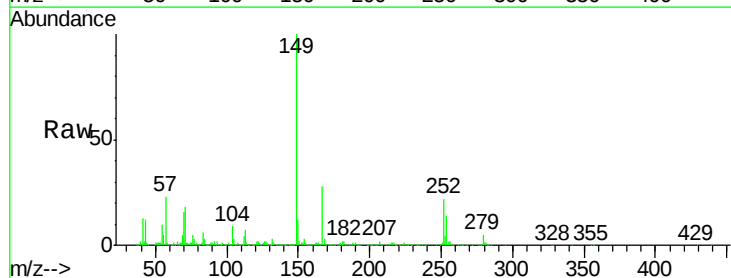
Tgt Ion:149 Resp: 563520

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

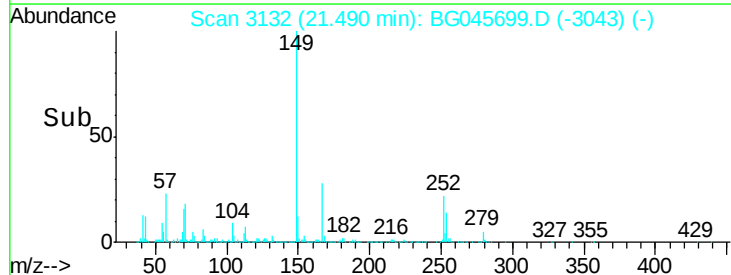
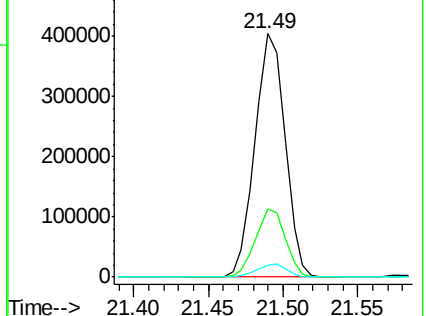
279 5.0 4.7 7.1

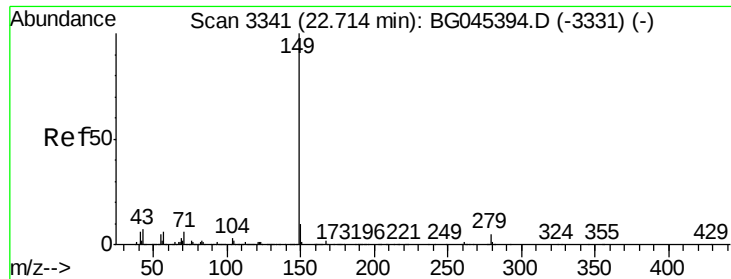


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.976 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

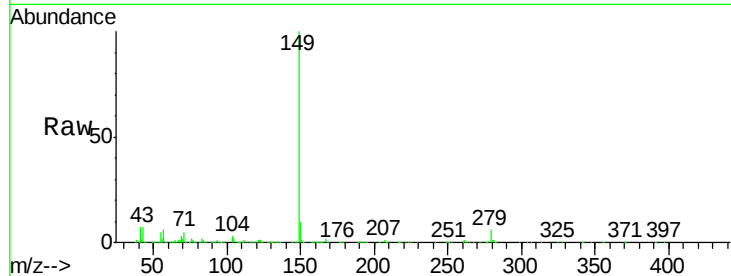
Tot Ion:149 Resp: 951284

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

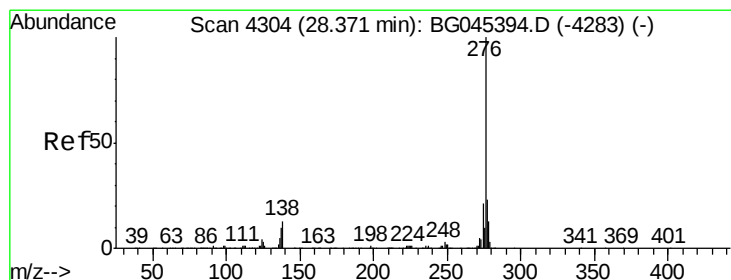
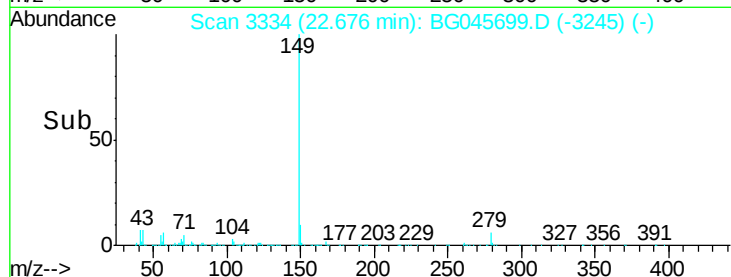
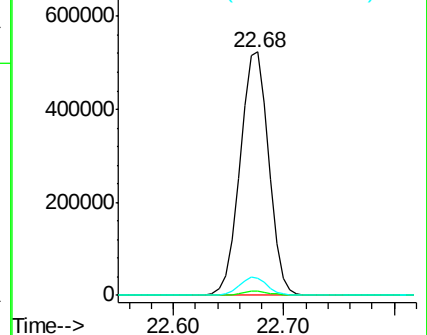
43 7.3 5.8 8.8



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: 42.262 ng

RT: 28.31 min Scan# 4293

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

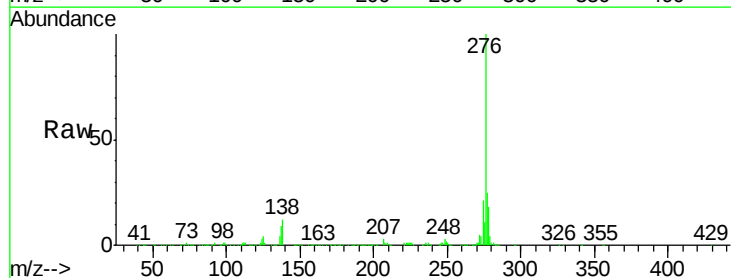
Tgt Ion:276 Resp: 1212626

Ion Ratio Lower Upper

276 100

138 10.5 8.6 12.8

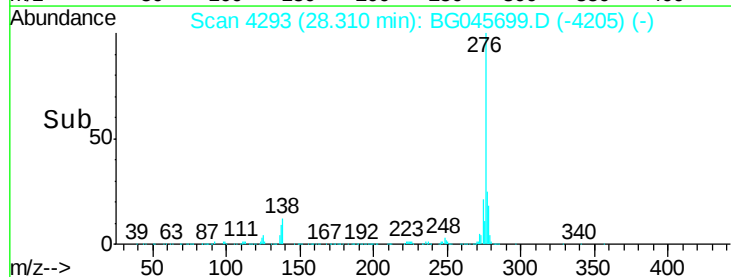
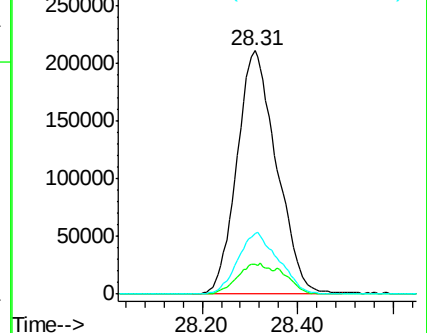
277 25.8 20.2 30.4

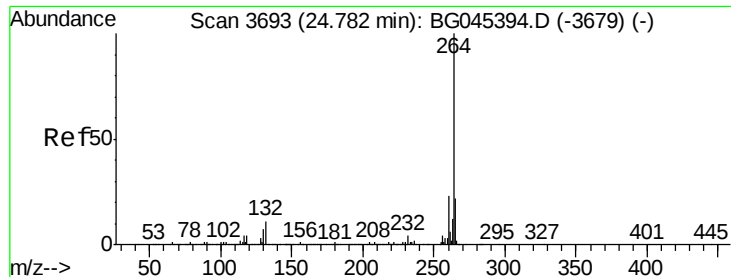


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG045699.D

Acq: 10 Jun 2020 19:56

Instrument :

BNA_G

ClientSampleId :

72-11939MS

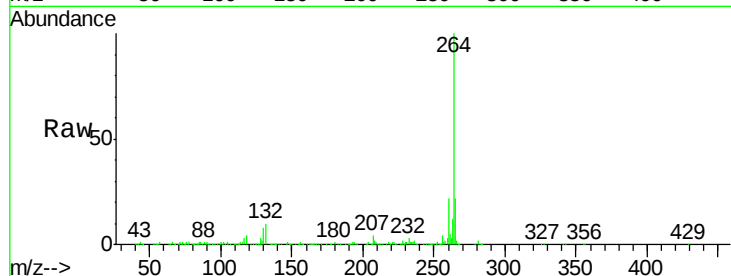
Tot Ion:264 Resp: 450776

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

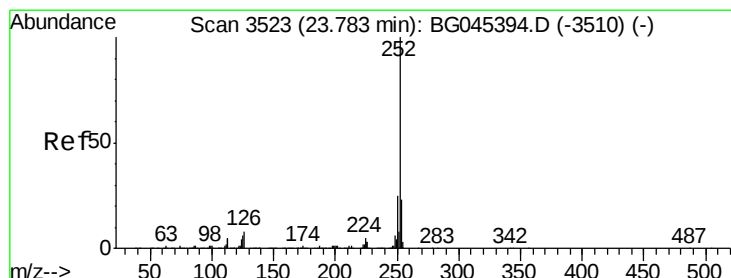
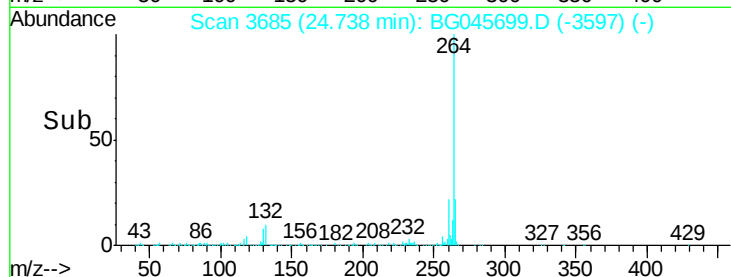
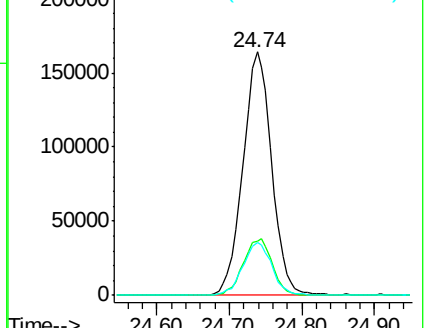
265 21.8 17.6 26.4



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: 43.515 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG045699.D

Acq: 10 Jun 2020 19:56

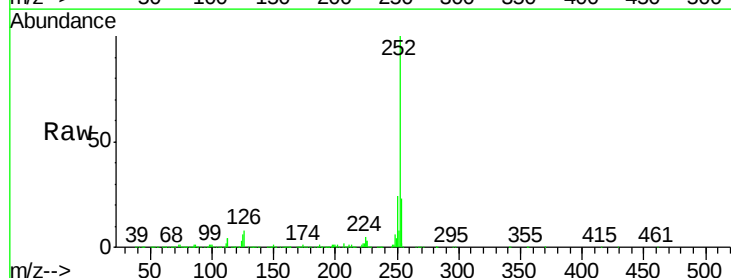
Tgt Ion:252 Resp: 1052011

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

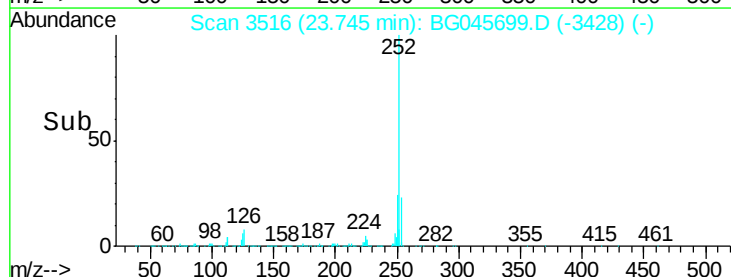
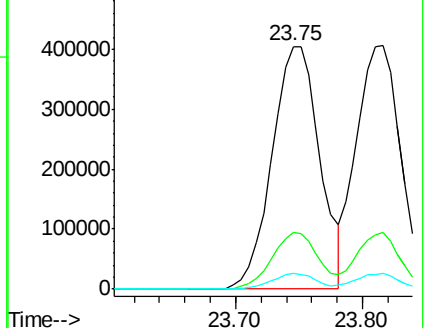
125 6.4 5.0 7.6



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

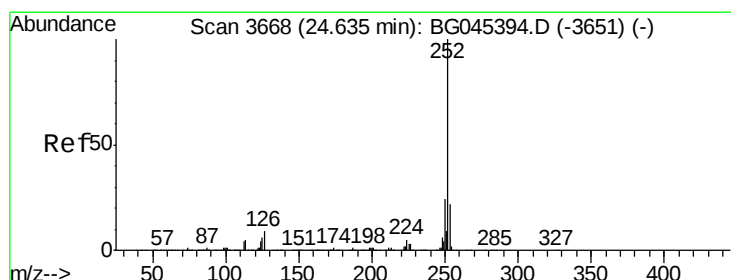
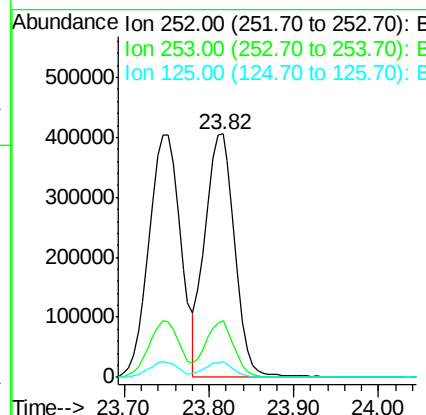
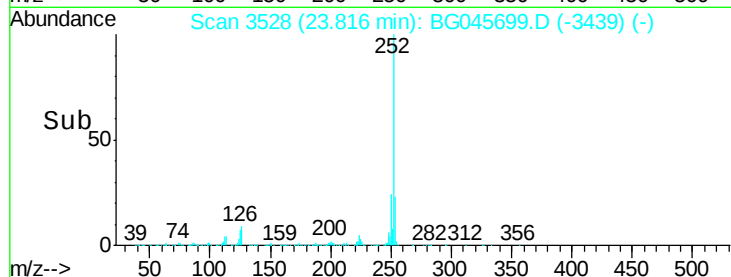
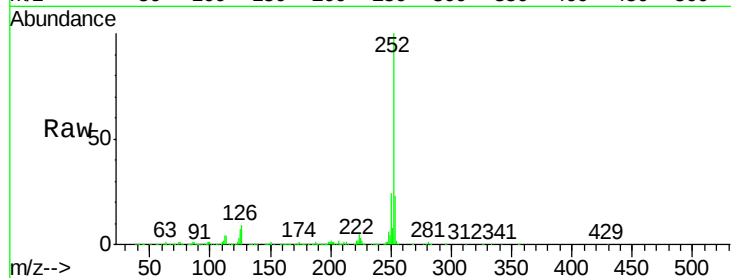




#89
Benzo(k)fluoranthene
Concen: 43.647 ng
RT: 23.82 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

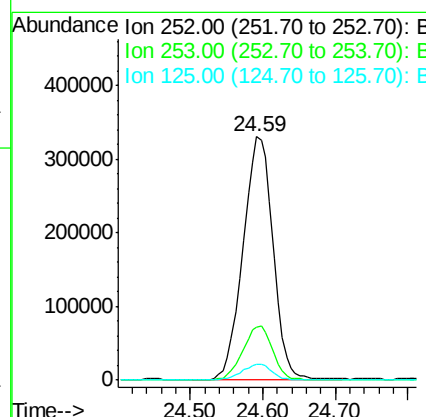
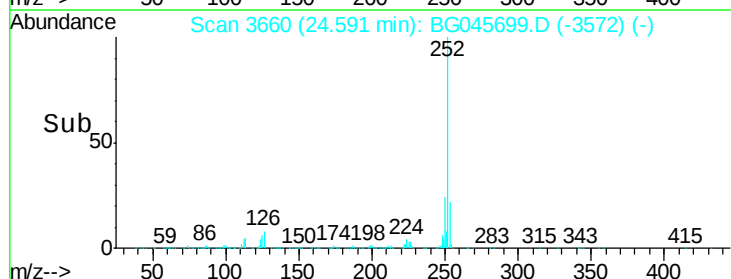
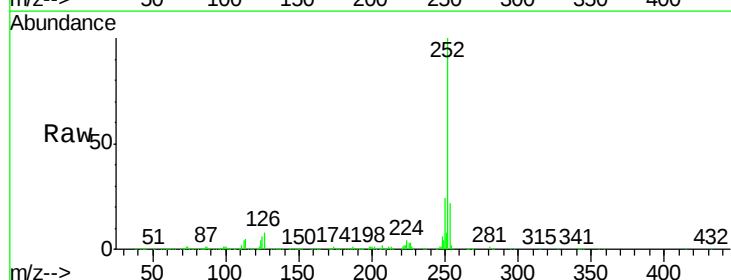
Instrument :
BNA_G
ClientSampleId :
72-11939MS

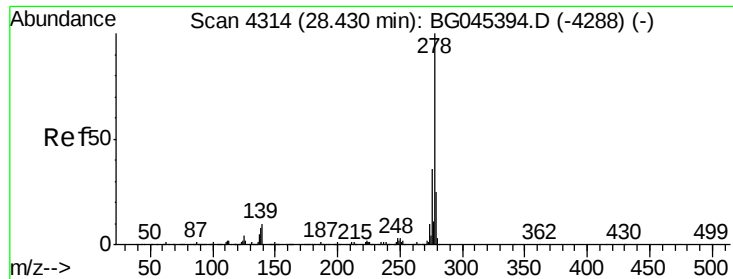
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	6.6	5.7	8.5



#90
Benzo(a)pyrene
Concen: 42.066 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	6.4	5.0	7.6

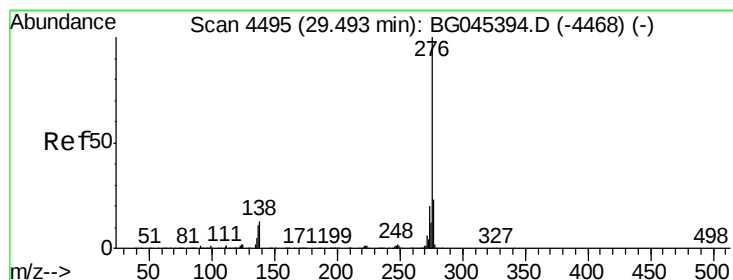
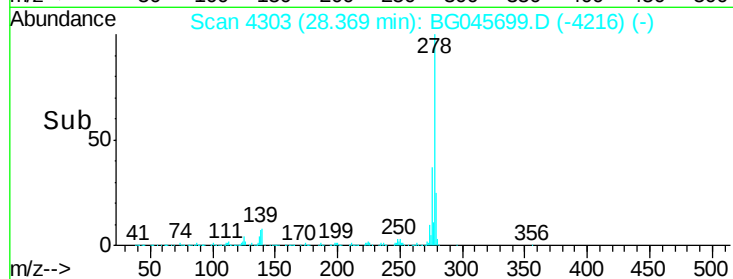
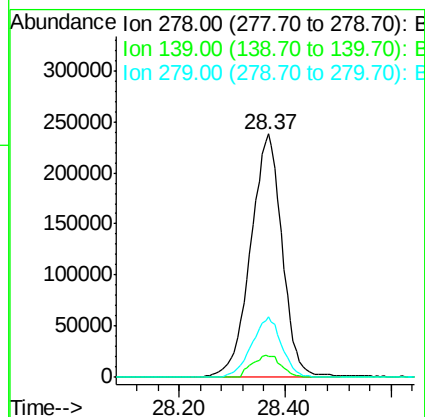
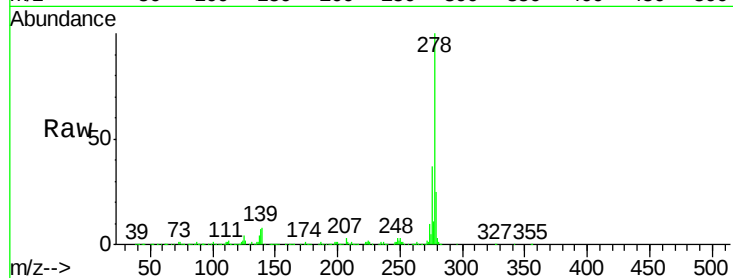




#91
Dibenzo(a,h)anthracene
Concen: 43.481 ng
RT: 28.37 min Scan# 4303
Delta R.T. -0.02 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Instrument :
BNA_G
ClientSampleId :
72-11939MS

Tot Ion:278 Resp: 983785
Ion Ratio Lower Upper
278 100
139 8.5 7.8 11.8
279 24.8 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 43.567 ng
RT: 29.42 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG045699.D
Acq: 10 Jun 2020 19:56

Tgt Ion:276 Resp: 985855
Ion Ratio Lower Upper
276 100
277 24.5 18.1 27.1
138 13.1 10.2 15.4

