

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
 Data File : BG045839.D
 Acq On : 23 Jun 2020 14:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 23 15:36:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55161	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	209545	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	144152	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	339738	20.00	ng	0.00
76) Chrysene-d12	21.58	240	319063	20.00	ng	0.00
86) Perylene-d12	24.71	264	346850	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	281774	86.29	ng	0.00
7) Phenol-d6	7.15	99	425860	85.74	ng	-0.02
23) Nitrobenzene-d5	9.09	82	395567	86.24	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	189696	87.16	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	871559	88.85	ng	0.00
79) Terphenyl-d14	19.94	244	1345629	85.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	60512	40.460	ng	98
3) Pyridine	3.78	79	181660	40.989	ng	99
4) n-Nitrosodimethylamine	3.69	42	66771	44.884	ng	100
6) Aniline	7.25	93	246031	42.067	ng	97
8) 2-Chlorophenol	7.51	128	150650	43.101	ng	97
9) Benzaldehyde	7.06	77	124779	41.825	ng	95
10) Phenol	7.18	94	201802	41.931	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	154716	42.324	ng	91
12) 1,3-Dichlorobenzene	7.81	146	176773	42.439	ng	97
13) 1,4-Dichlorobenzene	7.96	146	177785	42.731	ng	95
14) 1,2-Dichlorobenzene	8.28	146	167082	41.948	ng	95
15) Benzyl Alcohol	8.18	79	168370	43.803	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	141661	41.118	ng	81
17) 2-Methylphenol	8.41	107	149622	41.775	ng	96
18) Hexachloroethane	9.00	117	67282	42.579	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	138692	42.472	ng	96
20) 3+4-Methylphenols	8.75	107	203403	43.182	ng	# 75
22) Acetophenone	8.75	105	244906	42.582	ng	98
24) Nitrobenzene	9.13	77	210042	42.947	ng	98
25) Isophorone	9.66	82	379329	42.718	ng	98
26) 2-Nitrophenol	9.84	139	89914	44.129	ng	95
27) 2,4-Dimethylphenol	9.94	122	130763	42.035	ng	95
28) bis(2-Chloroethoxy)methane	10.14	93	195653	42.181	ng	100
29) 2,4-Dichlorophenol	10.41	162	159299	43.891	ng	94
30) 1,2,4-Trichlorobenzene	10.60	180	188266	43.817	ng	99
31) Naphthalene	10.78	128	488181	42.613	ng	99
32) Benzoic acid	10.14	122	96695	47.942	ng	95
33) 4-Chloroaniline	10.90	127	208820	43.527	ng	98
34) Hexachlorobutadiene	11.07	225	137712	45.067	ng	98
35) Caprolactam	11.68	113	53668	45.695	ng	93
36) 4-Chloro-3-methylphenol	12.07	107	181063	43.207	ng	98
37) 2-Methylnaphthalene	12.39	142	367622	43.094	ng	99
38) 1-Methylnaphthalene	12.61	142	345901	42.848	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	213984	45.082	ng	100

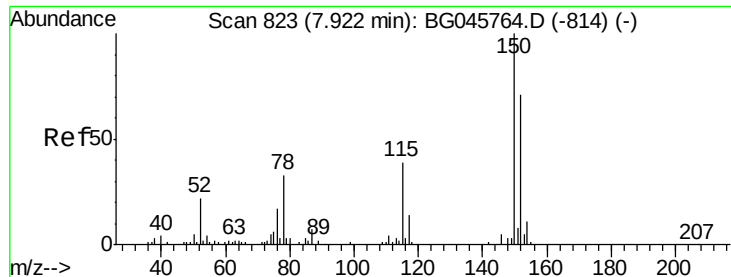
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	91562	39.666	ng	95
43) 2,4,6-Trichlorophenol	13.02	196	141944	44.107	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	158413	43.190	ng	96
46) 1,1'-Biphenyl	13.40	154	452489	43.844	ng	99
47) 2-Chloronaphthalene	13.45	162	366629	43.978	ng	97
48) 2-Nitroaniline	13.66	65	123246	44.444	ng	96
49) Acenaphthylene	14.29	152	581981	43.583	ng	99
50) Dimethylphthalate	14.03	163	490208	43.409	ng	99
51) 2,6-Dinitrotoluene	14.15	165	109013	42.979	ng	95
52) Acenaphthene	14.64	154	353163	43.632	ng	99
53) 3-Nitroaniline	14.49	138	109555	43.243	ng	# 90
54) 2,4-Dinitrophenol	14.70	184	53083	42.832	ng	94
55) Dibenzofuran	14.97	168	576068	43.811	ng	99
56) 4-Nitrophenol	14.87	139	65180	38.099	ng	97
57) 2,4-Dinitrotoluene	14.94	165	156974	43.195	ng	# 98
58) Fluorene	15.62	166	475967	43.532	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	134272	42.179	ng	97
60) Diethylphthalate	15.39	149	500080	43.318	ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	278896	44.257	ng	98
62) 4-Nitroaniline	15.66	138	113563	43.676	ng	91
63) Azobenzene	15.91	77	475851	42.929	ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	91092	43.386	ng	97
66) n-Nitrosodiphenylamine	15.83	169	410461	42.655	ng	100
67) 4-Bromophenyl-phenylether	16.51	248	192830	43.682	ng	98
68) Hexachlorobenzene	16.63	284	201977	44.123	ng	95
69) Atrazine	16.79	200	155494	41.642	ng	99
70) Pentachlorophenol	16.99	266	73837	37.219	ng	92
71) Phenanthrene	17.36	178	744607	42.496	ng	99
72) Anthracene	17.46	178	749462	42.954	ng	99
73) Carbazole	17.73	167	708358	42.637	ng	99
74) Di-n-butylphthalate	18.29	149	835599	42.478	ng	99
75) Fluoranthene	19.38	202	907543	42.122	ng	100
77) Benzidine	19.56	184	261617	31.540	ng	99
78) Pyrene	19.74	202	909891	42.587	ng	99
80) Butylbenzylphthalate	20.62	149	388893	43.485	ng	95
81) Benzo(a)anthracene	21.56	228	900760	43.544	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	327755	41.888	ng	98
83) Chrysene	21.63	228	860640	43.015	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	539165	43.343	ng	# 97
85) Di-n-octyl phthalate	22.65	149	903586	42.111	ng	100
87) Indeno(1,2,3-cd)pyrene	28.27	276	1087155	43.235	ng	# 95
88) Benzo(b)fluoranthene	23.72	252	945092	43.458	ng	97
89) Benzo(k)fluoranthene	23.79	252	894213	42.962	ng	98
90) Benzo(a)pyrene	24.57	252	878726	43.255	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	881899	43.736	ng	99
92) Benzo(g,h,i)perylene	29.38	276	870991	43.156	ng	96

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

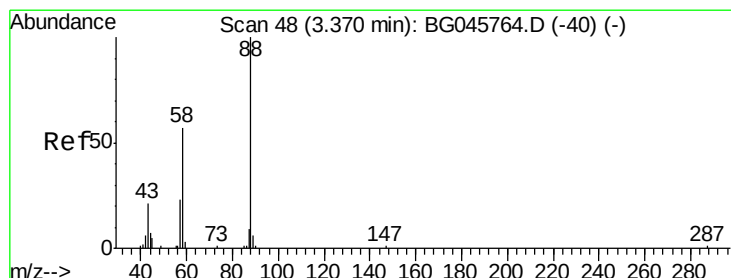
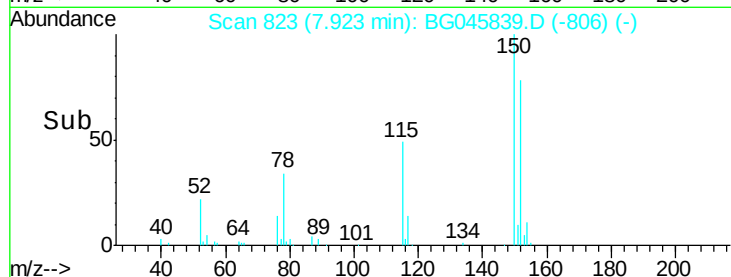
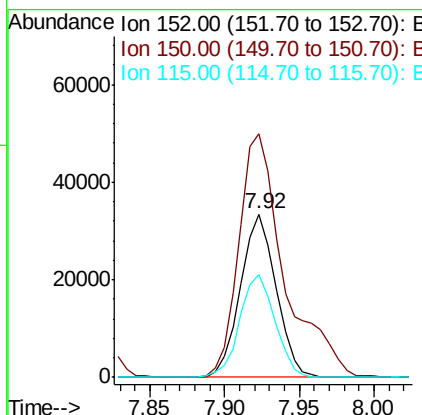
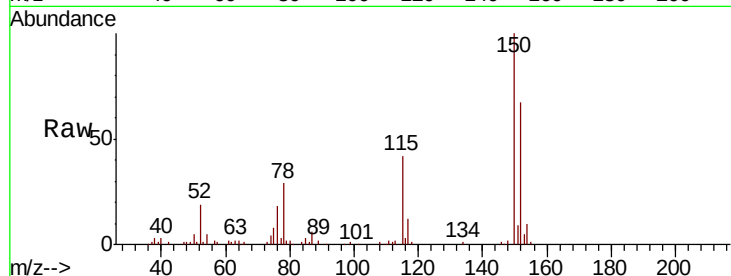


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

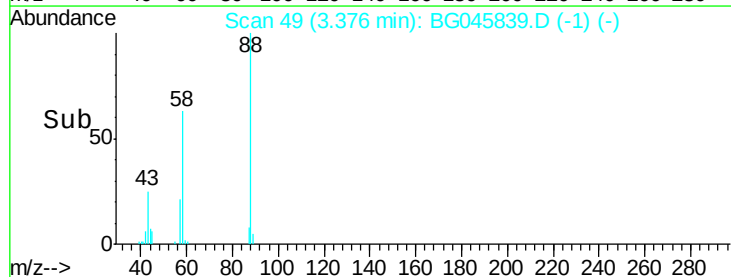
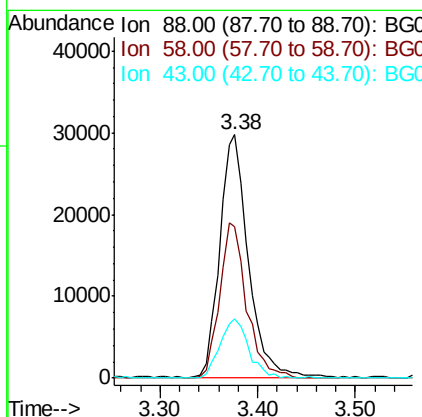
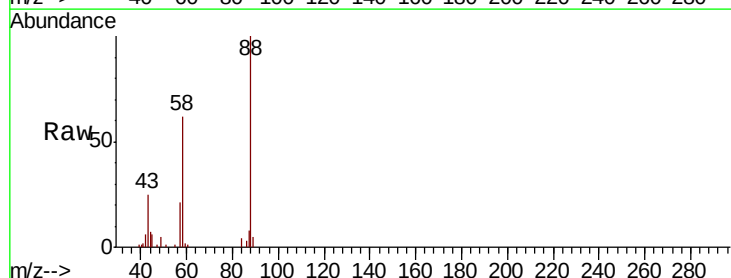
Tot Ion:152 Resp: 55161
Ion Ratio Lower Upper
152 100
150 148.8 113.1 169.7
115 62.6 43.8 65.6

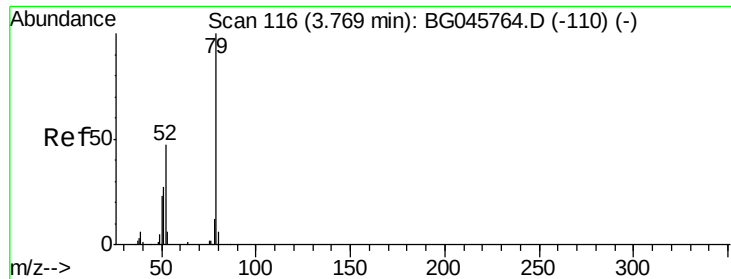


#2

1,4-Dioxane
Concen: 40.460 ng
RT: 3.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion: 88 Resp: 60512
Ion Ratio Lower Upper
88 100
58 59.9 46.1 69.1
43 24.3 19.2 28.8





#3

Pvridine

Concen: 40.989 ng

RT: 3.78 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

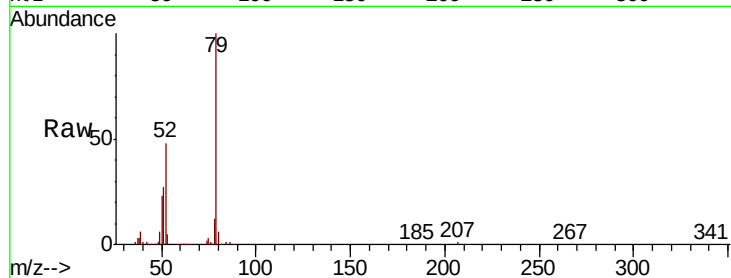
Tot Ion: 79 Resp: 181660

Ion Ratio Lower Upper

79 100

52 48.3 37.9 56.9

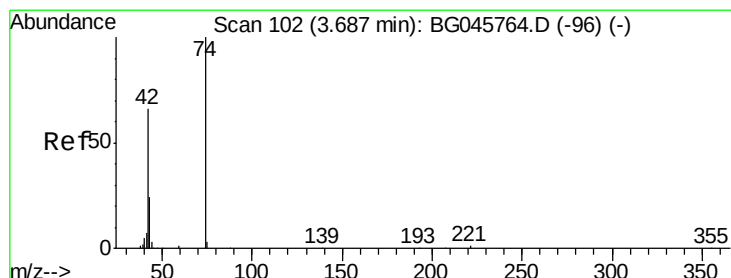
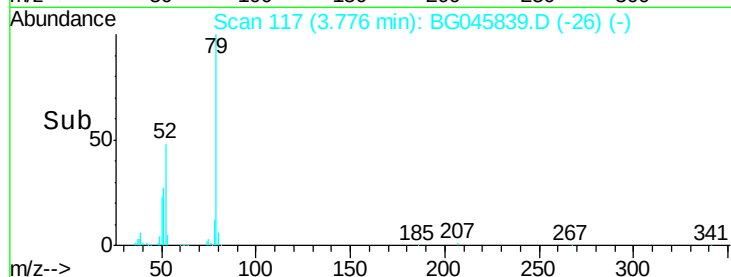
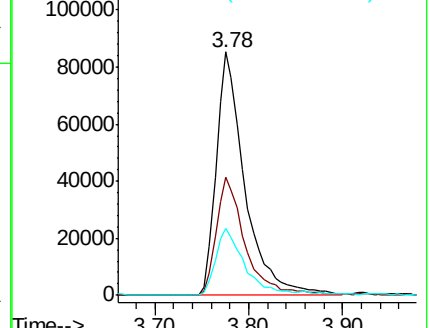
51 27.4 22.0 33.0



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: 44.884 ng

RT: 3.69 min Scan# 103

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

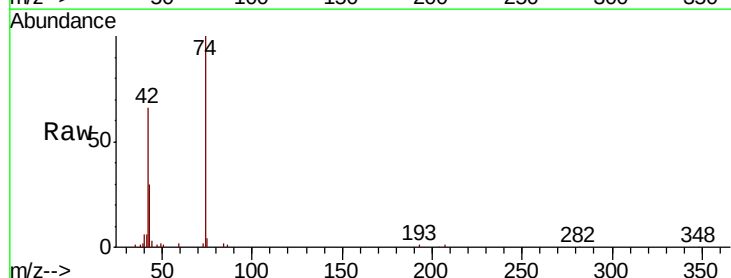
Tgt Ion: 42 Resp: 66771

Ion Ratio Lower Upper

42 100

74 151.6 121.0 181.4

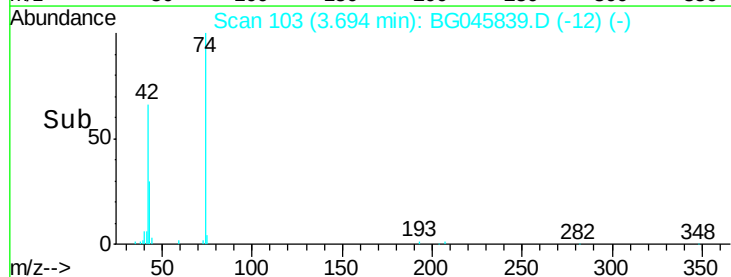
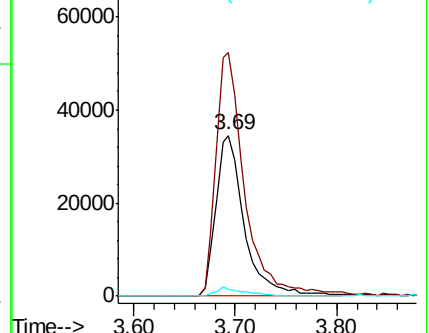
44 4.1 3.5 5.3

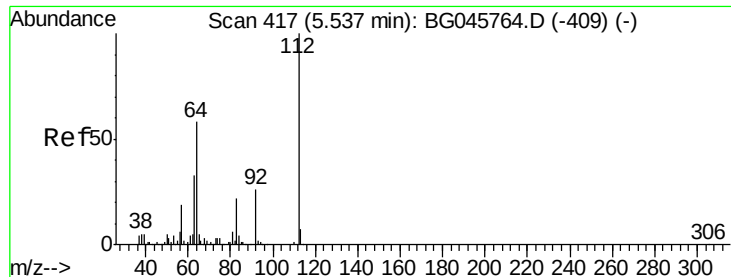


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 86.290 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

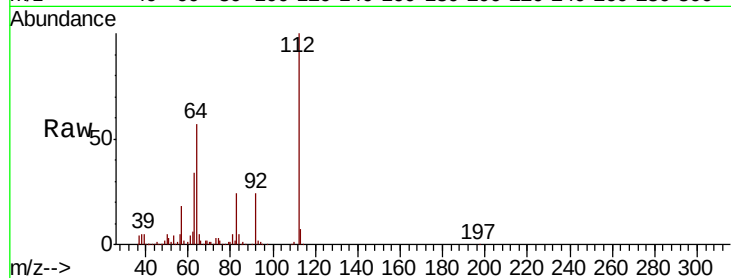
Tot Ion:112 Resp: 281774

Ion Ratio Lower Upper

112 100

64 56.7 46.6 69.8

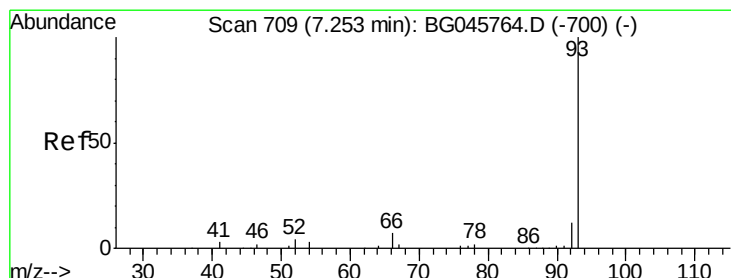
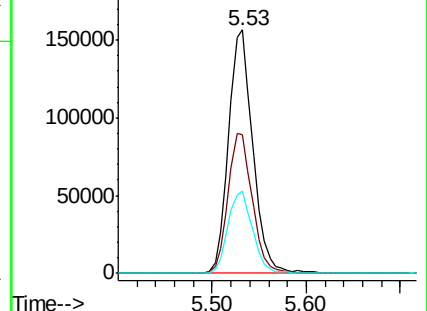
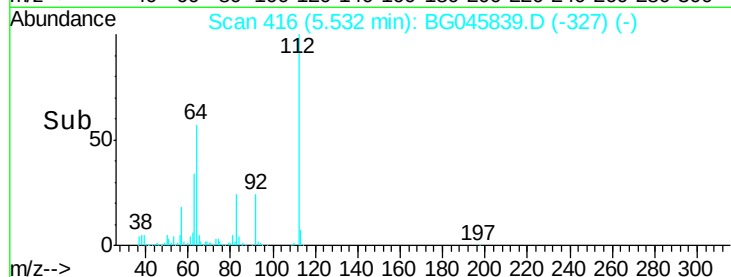
63 34.0 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.067 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

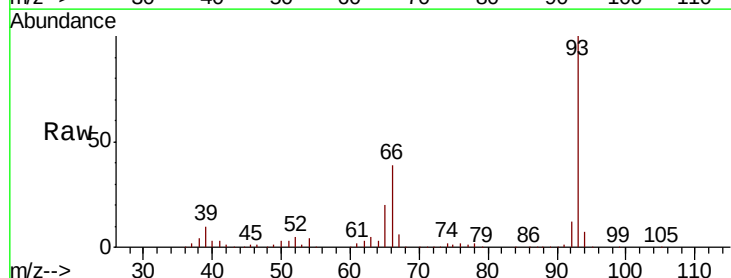
Tgt Ion: 93 Resp: 246031

Ion Ratio Lower Upper

93 100

66 38.6 30.0 45.0

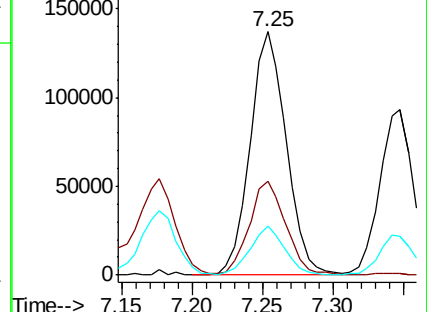
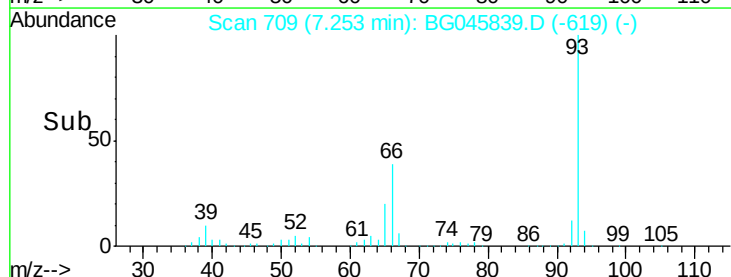
65 20.2 14.7 22.1

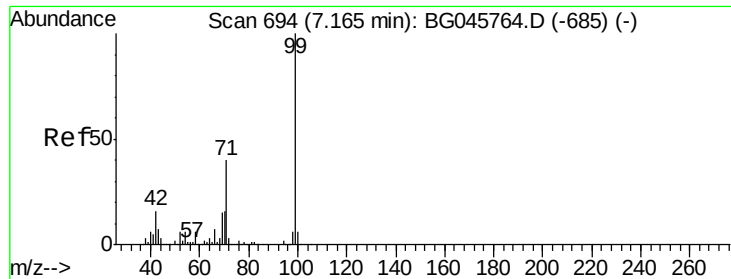


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.737 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

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ClientSampleId :

SSTDCCC040EC

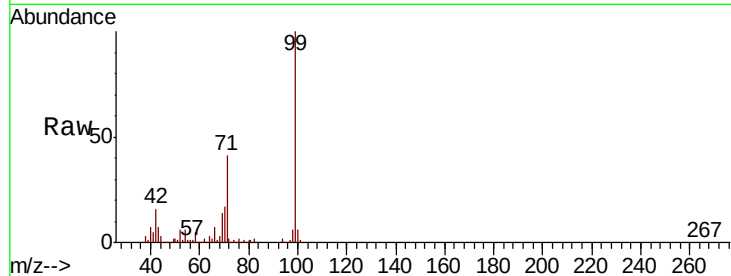
Tot Ion: 99 Resp: 425860

Ion Ratio Lower Upper

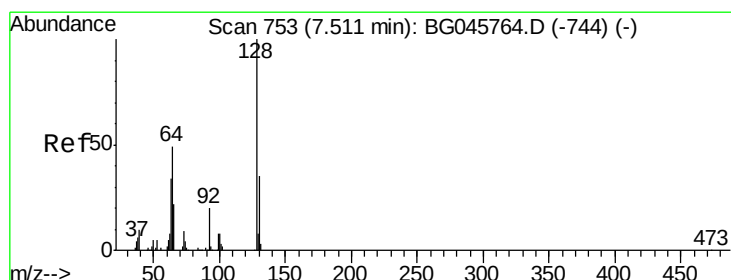
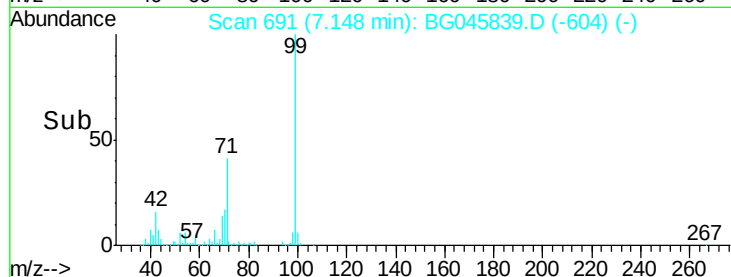
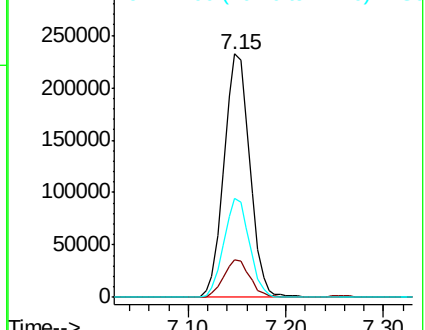
99 100

42 15.6 12.4 18.6

71 40.6 32.1 48.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.101 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

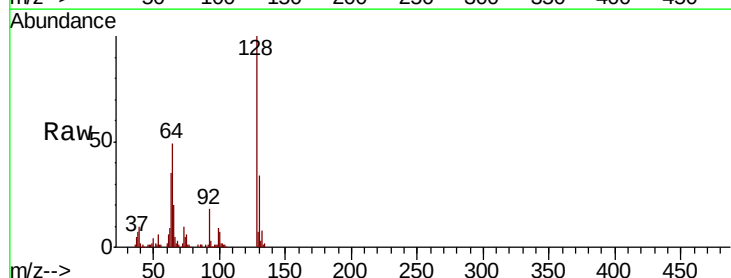
Tgt Ion: 128 Resp: 150650

Ion Ratio Lower Upper

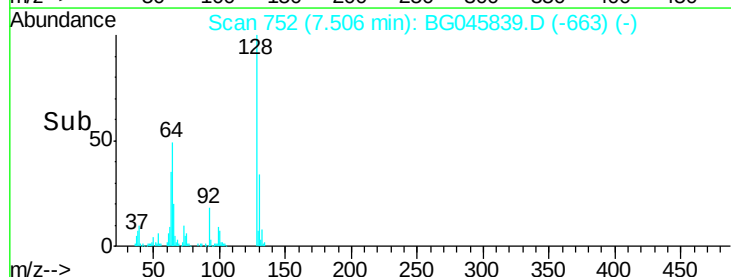
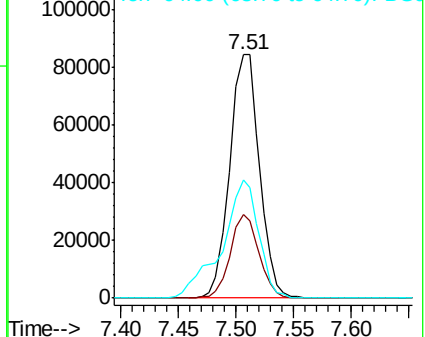
128 100

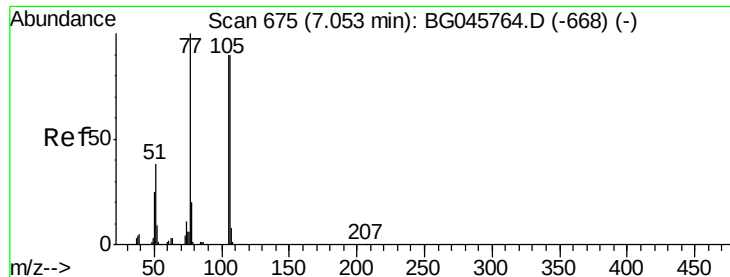
130 34.2 14.5 54.5

64 48.7 31.6 71.6



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: 41.825 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

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ClientSampleId :

SSTDCCC040EC

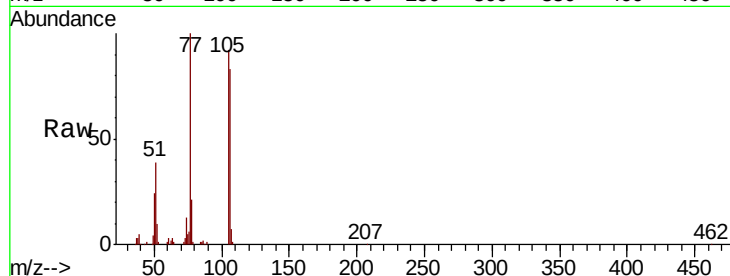
Tot Ion: 77 Resp: 124779

Ion Ratio Lower Upper

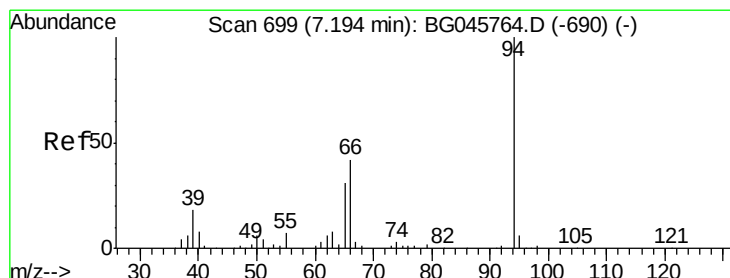
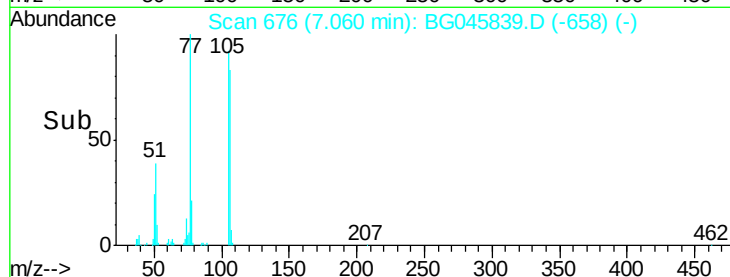
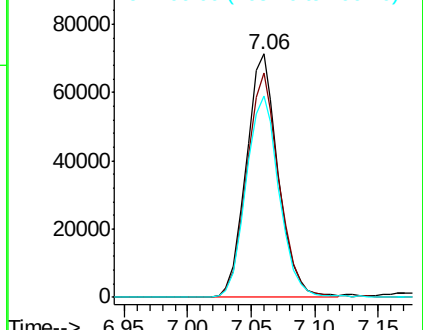
77 100

105 92.0 70.4 110.4

106 82.8 70.2 110.2



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: 41.931 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

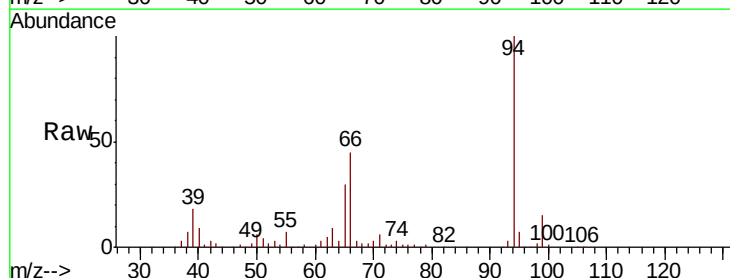
Tgt Ion: 94 Resp: 201802

Ion Ratio Lower Upper

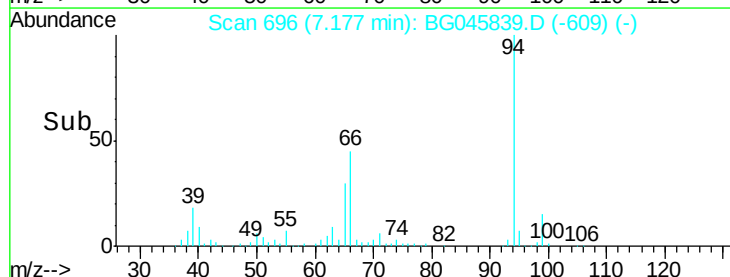
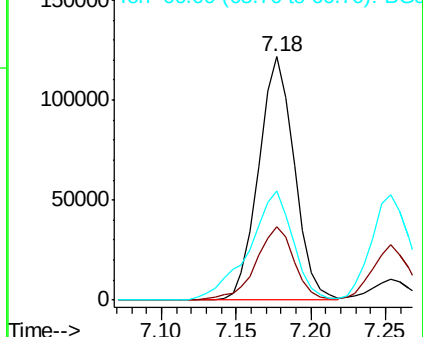
94 100

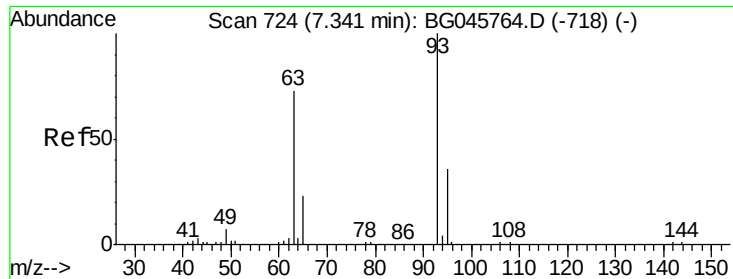
65 29.9 10.7 50.7

66 44.6 22.5 62.5



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: 42.324 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

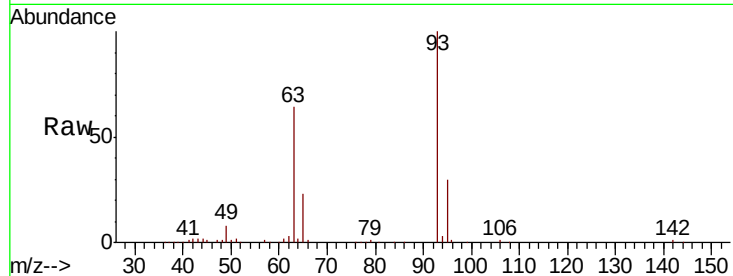
Tot Ion: 93 Resp: 154716

Ion Ratio Lower Upper

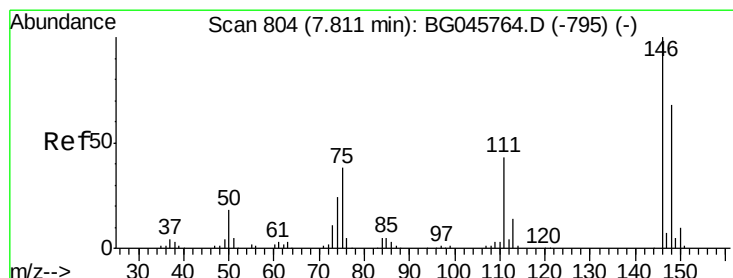
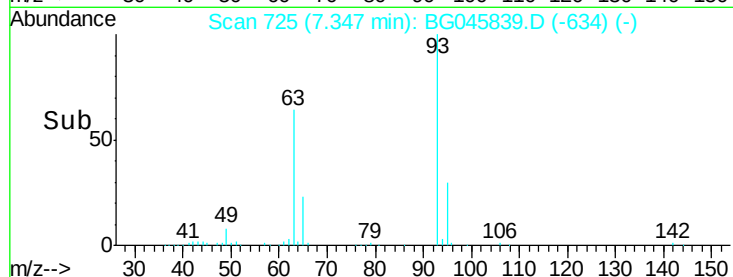
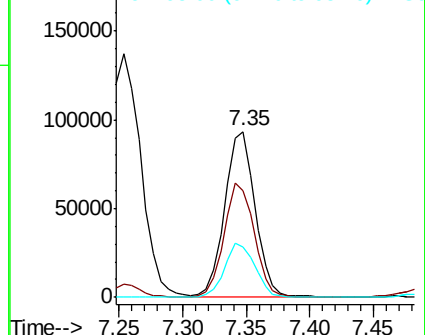
93 100

63 64.1 52.0 92.0

95 30.3 15.6 55.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.439 ng

RT: 7.81 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

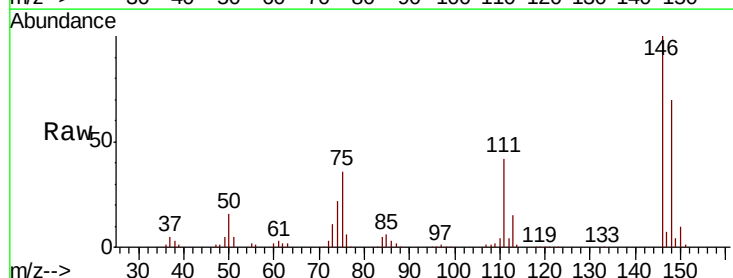
Tgt Ion: 146 Resp: 176773

Ion Ratio Lower Upper

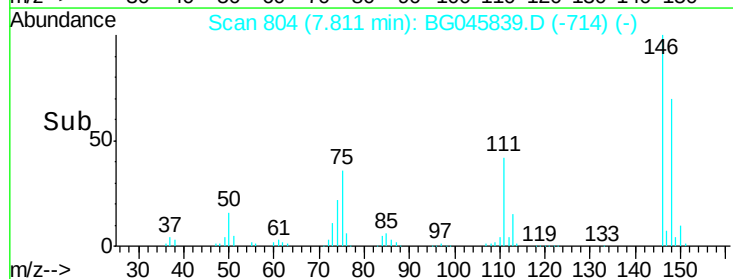
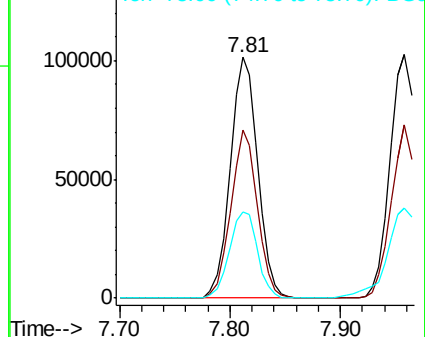
146 100

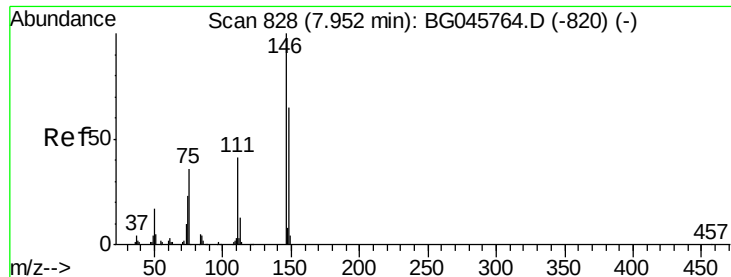
148 69.7 54.2 81.4

75 35.9 30.1 45.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

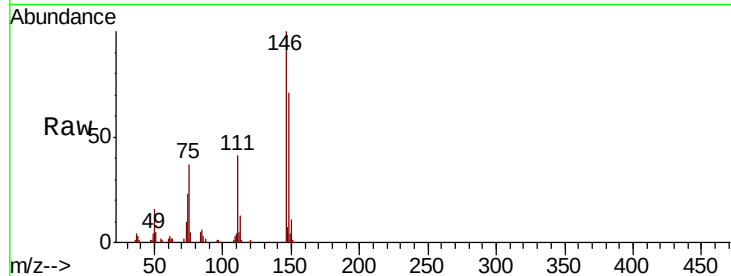




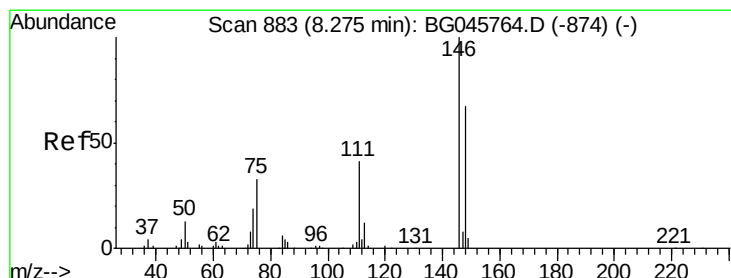
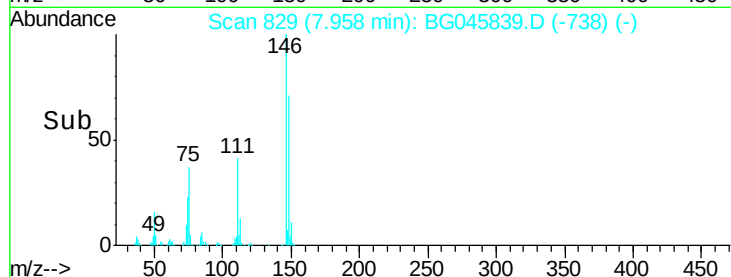
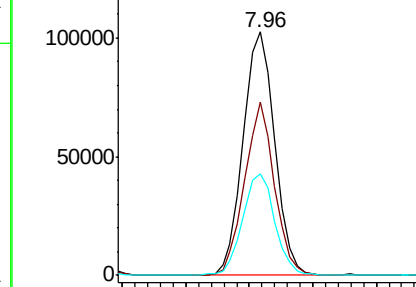
#13
 1,4-Dichlorobenzene
 Concen: 42.731 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.0	51.8	77.6
111	41.5	32.8	49.2

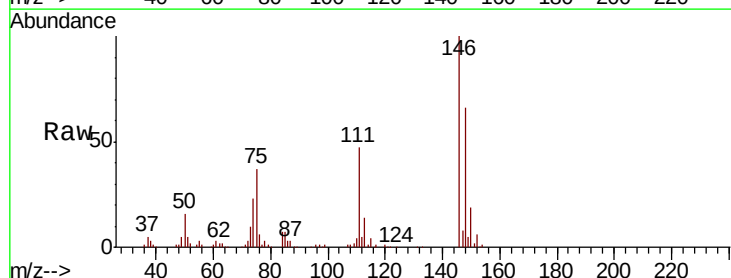


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

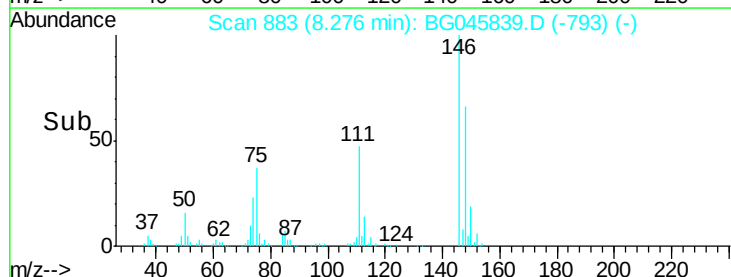
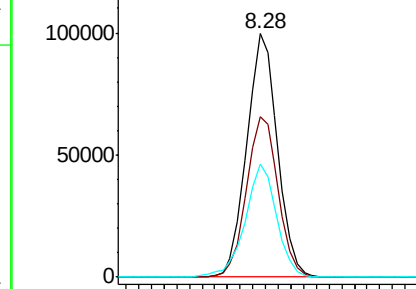


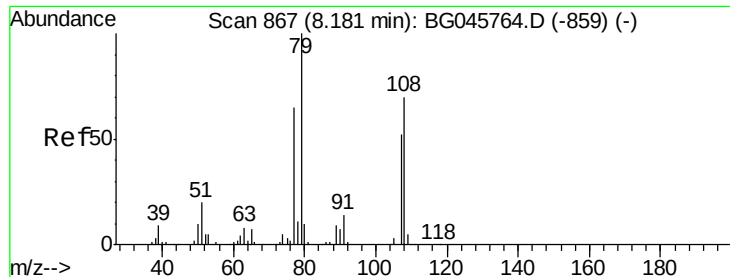
#14
 1,2-Dichlorobenzene
 Concen: 41.948 ng
 RT: 8.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	54.1	81.1
111	46.6	32.9	49.3



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: 43.803 ng

RT: 8.18 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

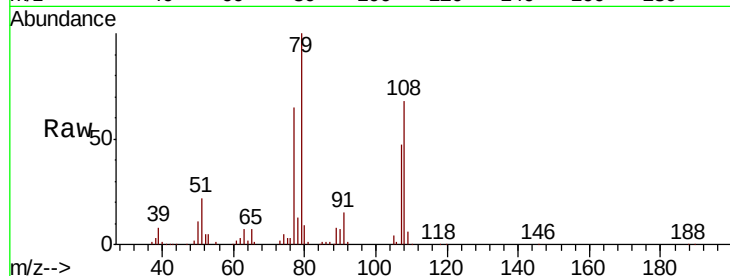
Tot Ion: 79 Resp: 168370

Ion Ratio Lower Upper

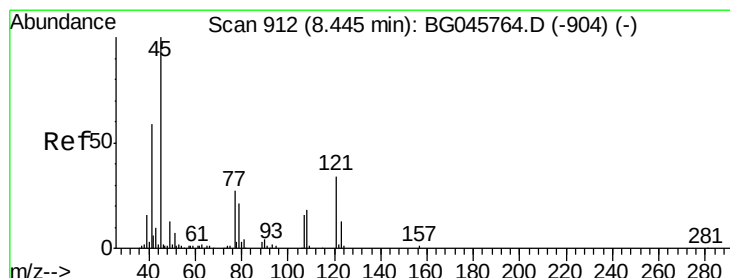
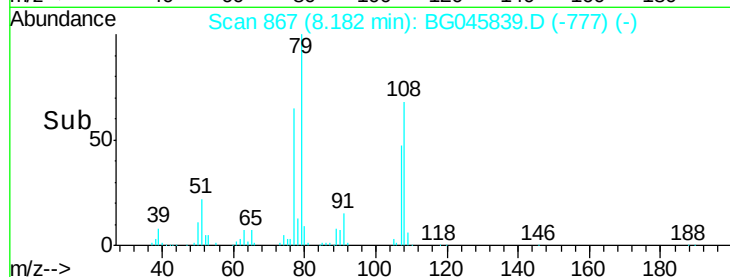
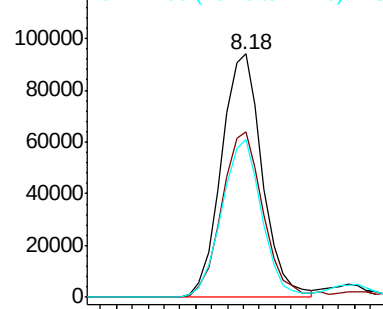
79 100

108 68.0 56.2 84.4

77 64.8 52.2 78.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.118 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

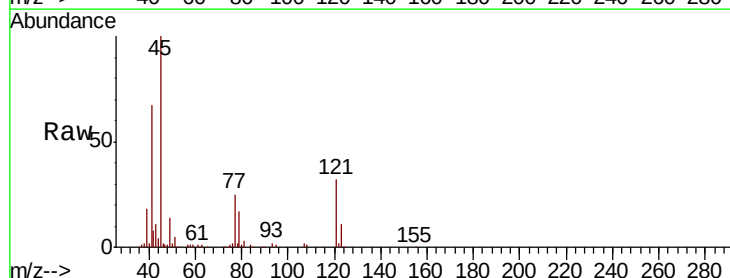
Tgt Ion: 45 Resp: 141661

Ion Ratio Lower Upper

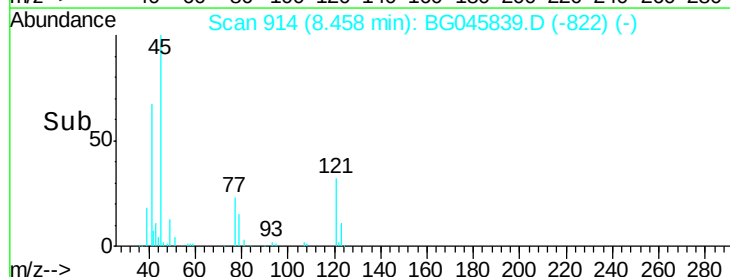
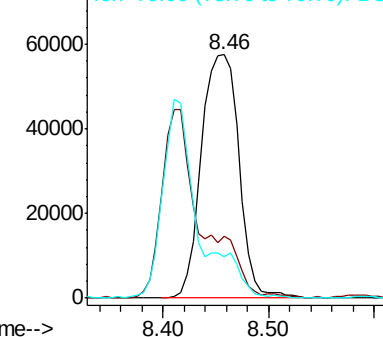
45 100

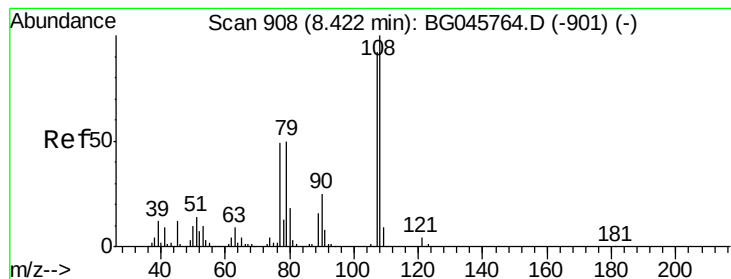
77 25.4 14.9 54.9

79 17.1 9.2 49.2



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





#17

2-Methylphenol

Concen: 41.775 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 149622

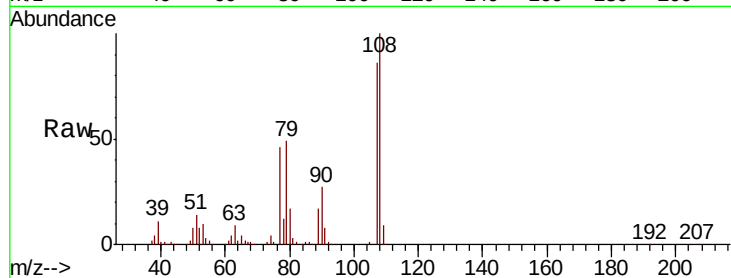
Ion Ratio Lower Upper

107 100

108 115.7 87.4 131.0

77 53.6 42.5 63.7

79 56.5 44.0 66.0

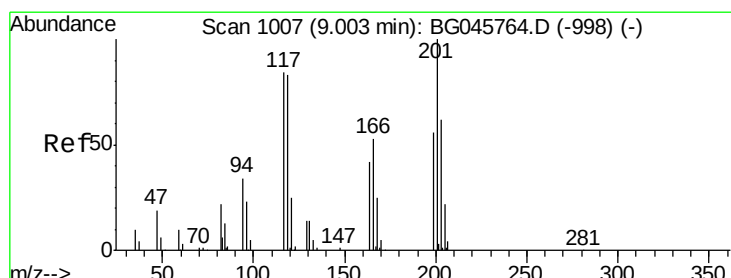
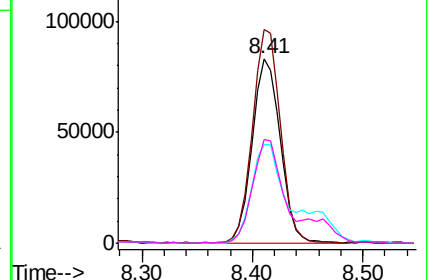
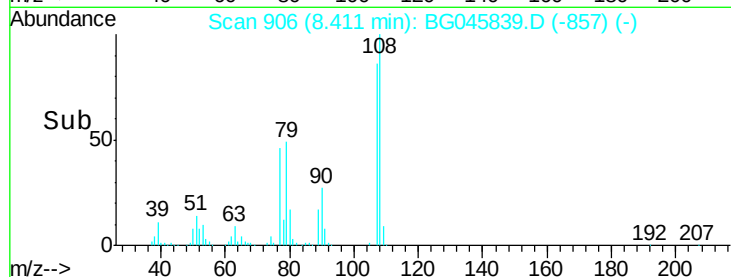


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.579 ng

RT: 9.00 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

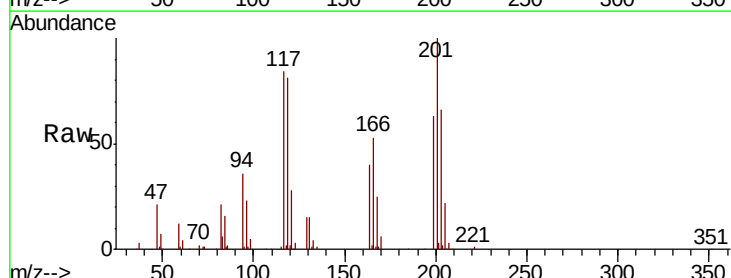
Tgt Ion:117 Resp: 67282

Ion Ratio Lower Upper

117 100

119 96.5 78.9 118.3

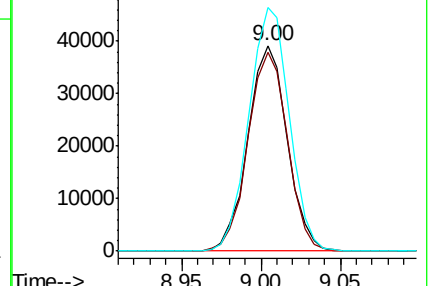
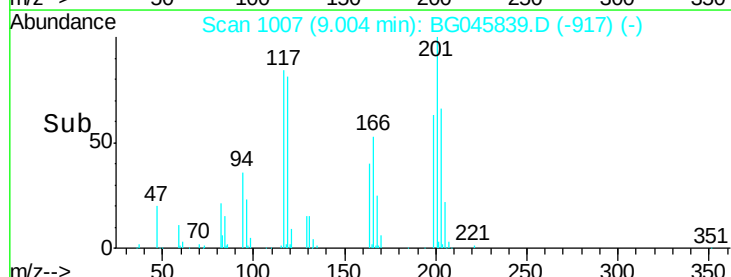
201 118.6 95.5 143.3

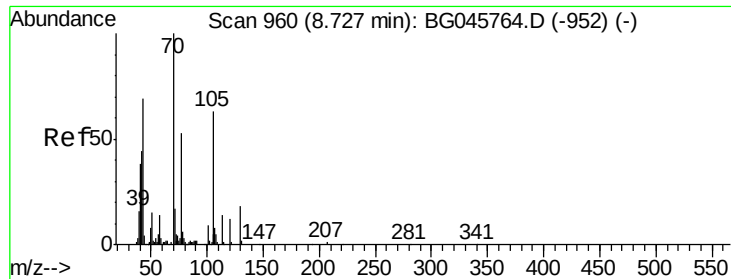


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

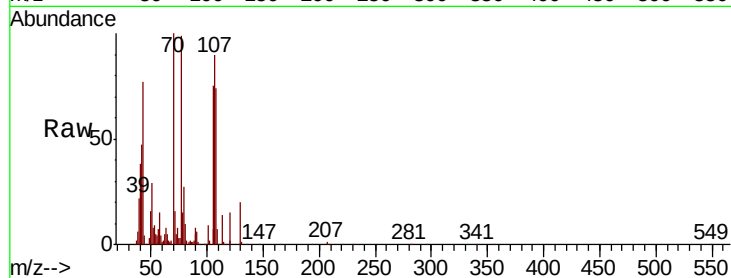




#19
n-Nitroso-di-n-propylamine
Concen: 42.472 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	70	Resp:	138692
Ion	Ratio	Lower	Upper
70	100		
42	46.6	35.1	52.7
101	9.5	7.4	11.0
130	19.8	14.6	21.8



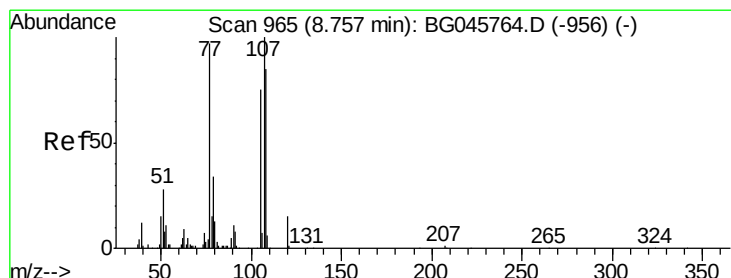
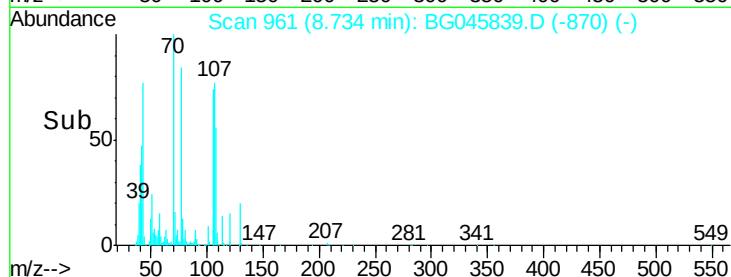
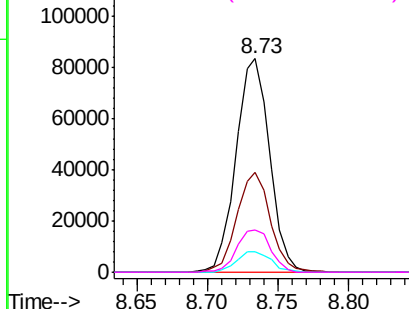
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

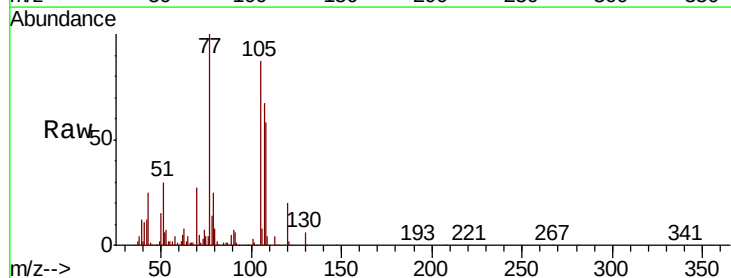
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.182 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:	107	Resp:	203403
Ion	Ratio	Lower	Upper
107	100		
108	87.1	65.4	105.4
77	149.4	77.2	117.2
79	37.5	14.2	54.2



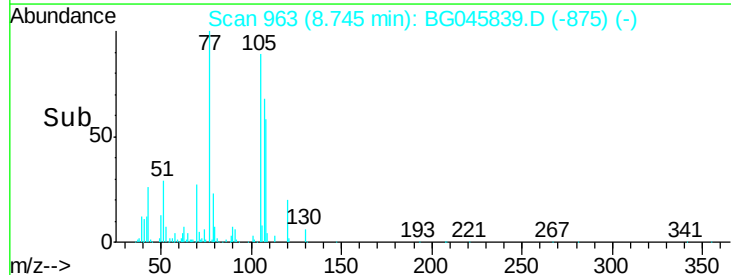
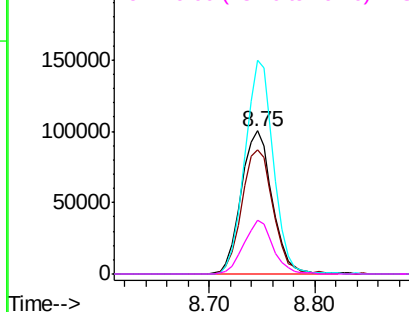
Abundance

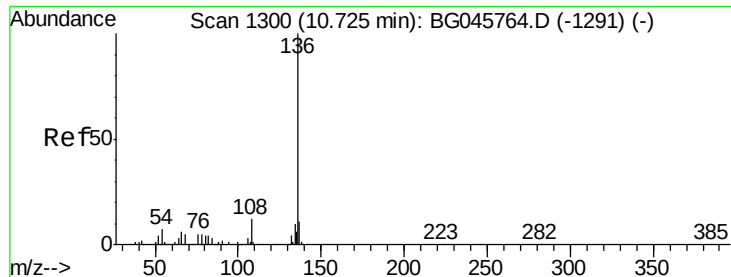
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

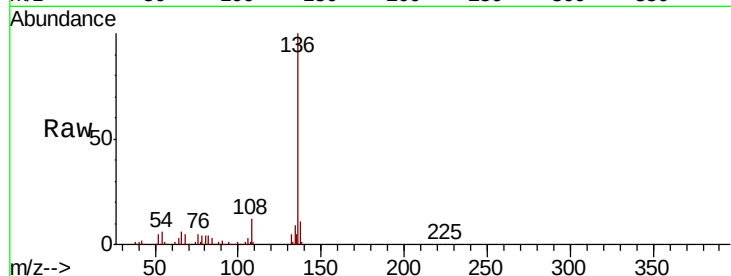




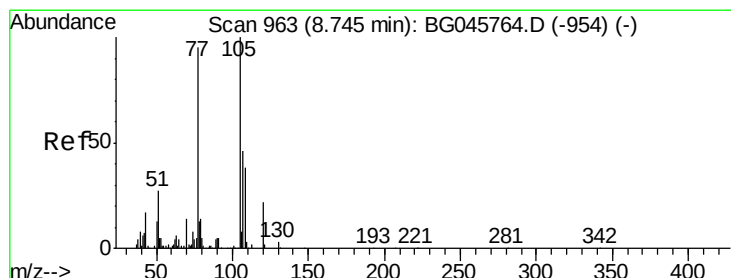
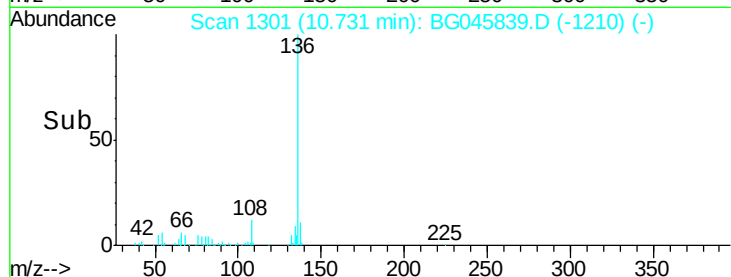
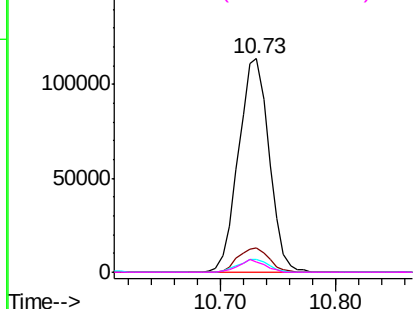
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	209545	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.7	13.1	
54 6.3	5.8	8.6	
68 4.9	4.0	6.0	

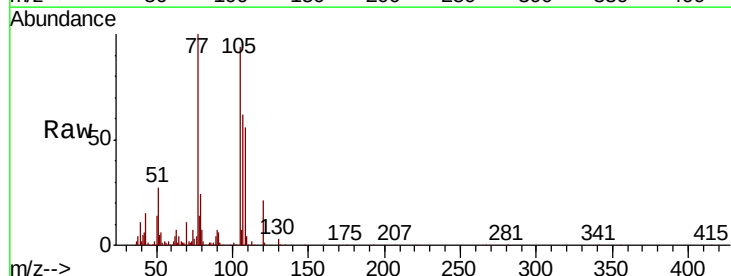


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

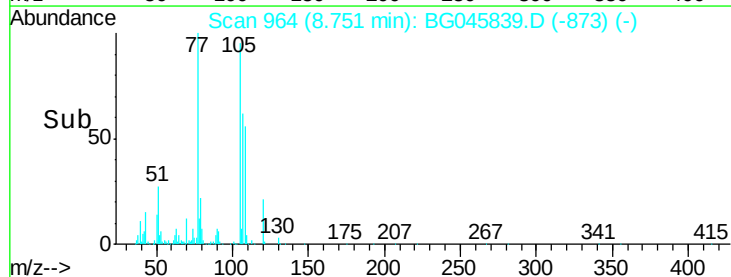
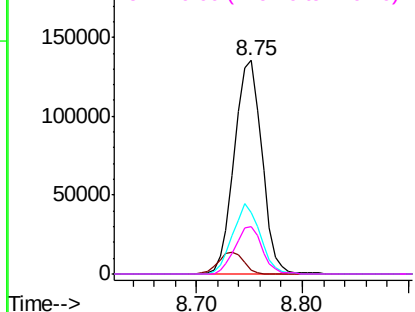


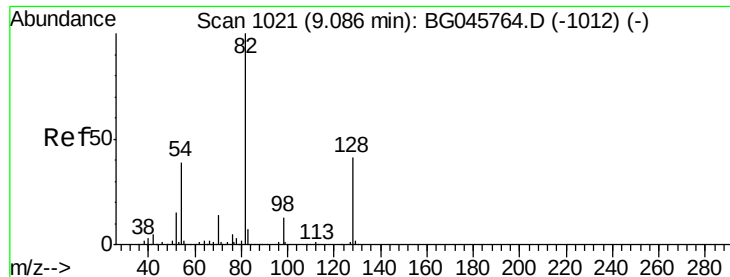
#22
Acetophenone
Concen: 42.582 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion	Ion:105	Resp:	244906
105	Ratio 100	Lower	Upper
71	2.0	1.8	2.8
51	28.8	21.9	32.9
120	22.0	17.3	25.9



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

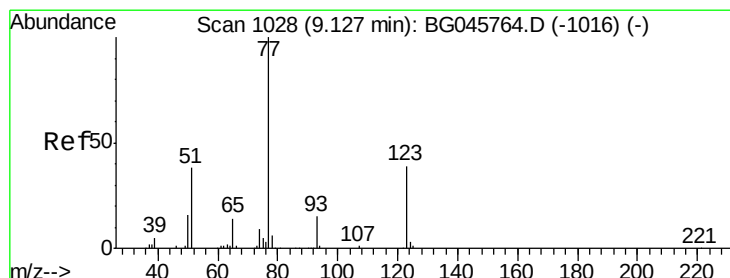
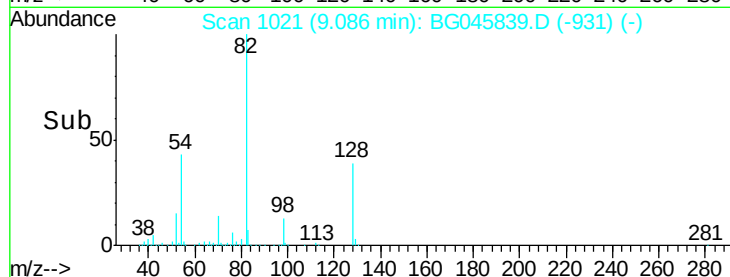
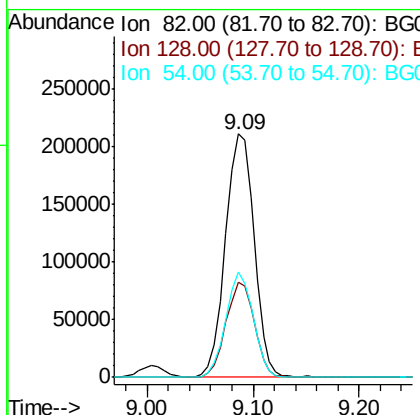
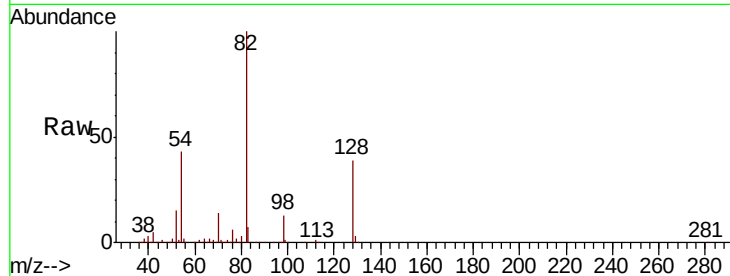




#23
 Nitrobenzene-d5
 Concen: 86.239 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

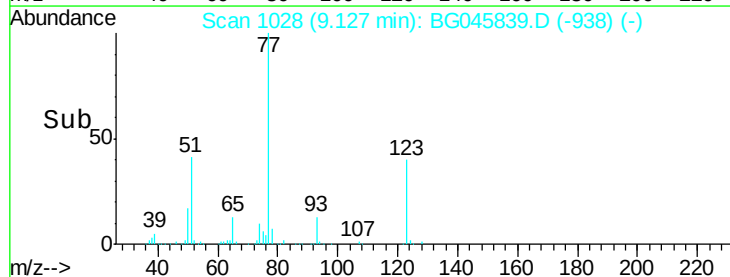
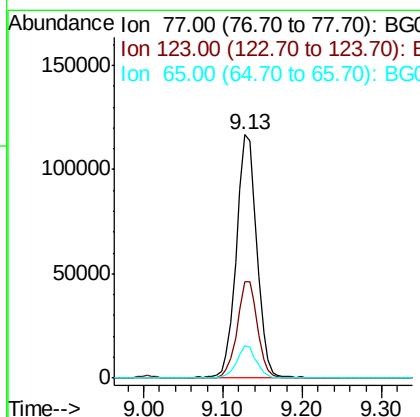
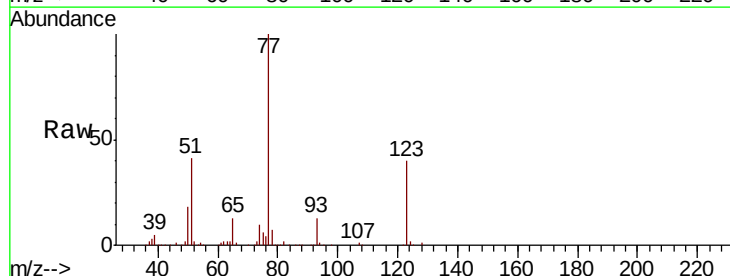
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

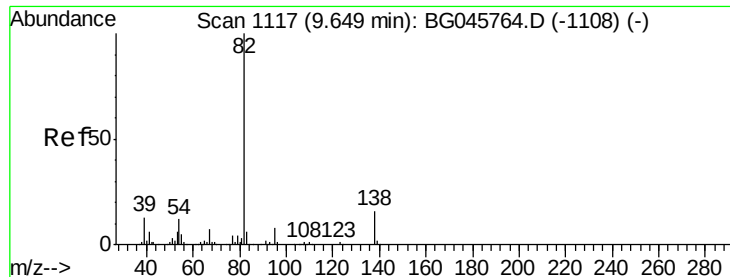
Tot Ion	82	Resp	395567
Ion Ratio	Lower	Upper	
82	100		
128	38.9	32.5	48.7
54	43.4	31.2	46.8



#24
 Nitrobenzene
 Concen: 42.947 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

Tgt Ion	77	Resp	210042
Ion Ratio	Lower	Upper	
77	100		
123	39.8	31.2	46.8
65	13.3	11.4	17.2





#25

Isophorone

Concen: 42.718 ng

RT: 9.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

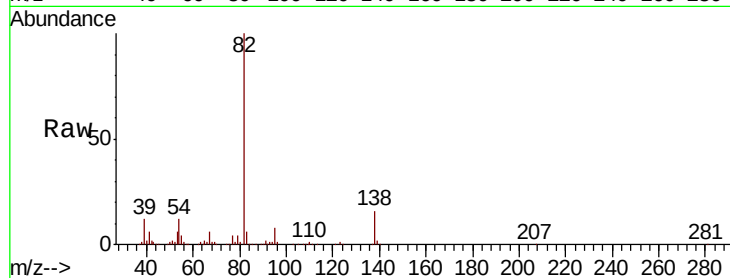
Tot Ion: 82 Resp: 379329

Ion Ratio Lower Upper

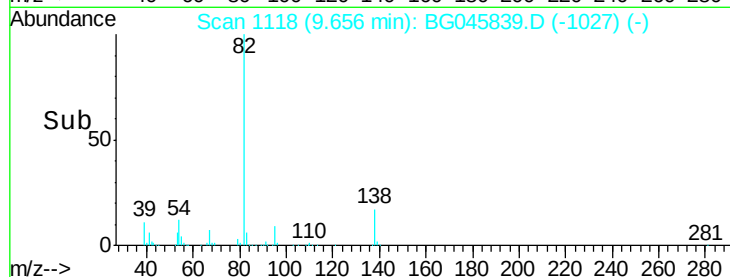
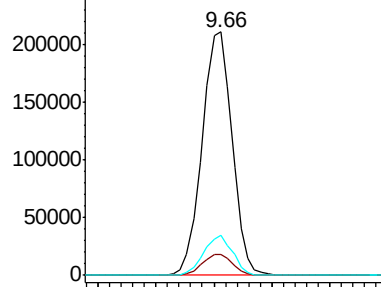
82 100

95 8.4 6.2 9.4

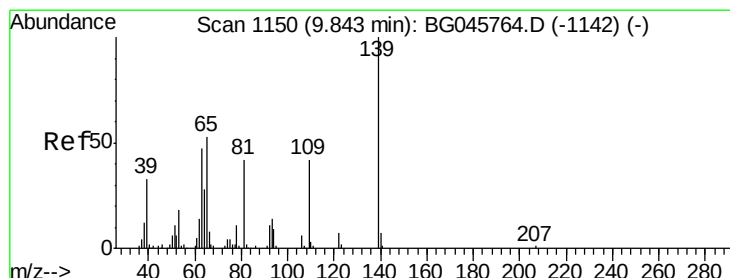
138 16.4 12.6 18.8



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



Time-->



#26

2-Nitrophenol

Concen: 44.129 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

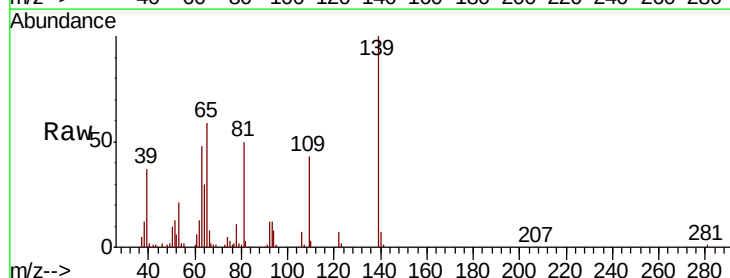
Tgt Ion: 139 Resp: 89914

Ion Ratio Lower Upper

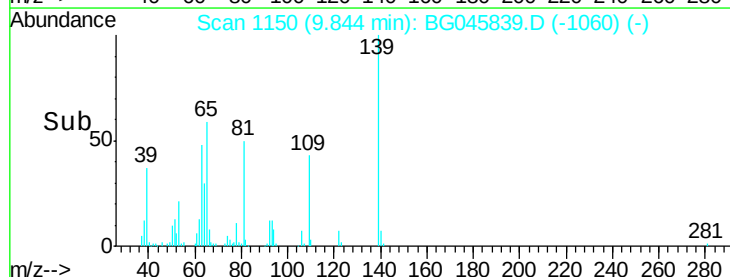
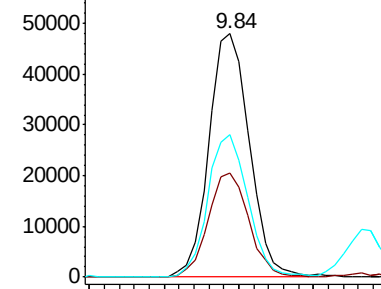
139 100

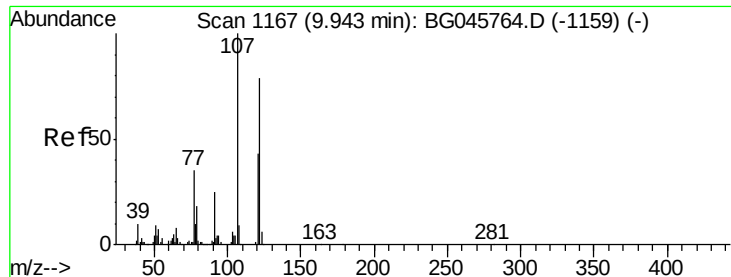
109 42.9 33.5 50.3

65 58.6 42.2 63.4



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





#27

2,4-Dimethylphenol

Concen: 42.035 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

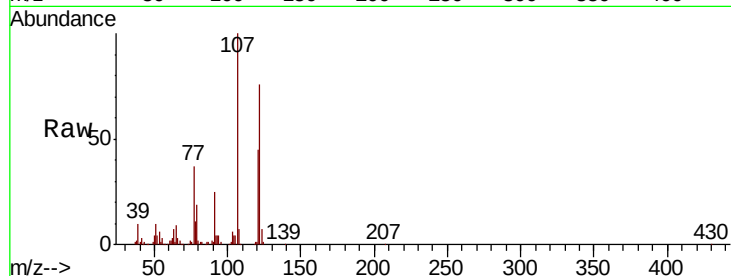
Tot Ion:122 Resp: 130763

Ion Ratio Lower Upper

122 100

107 131.7 101.3 151.9

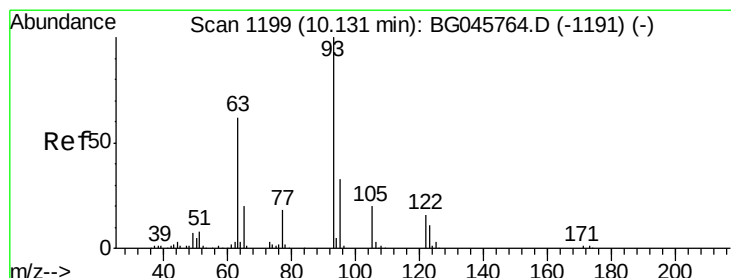
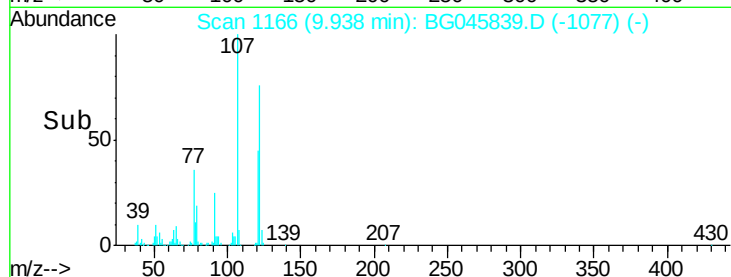
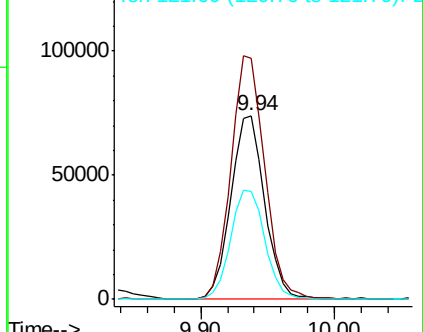
121 59.2 43.9 65.9



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: 42.181 ng

RT: 10.14 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

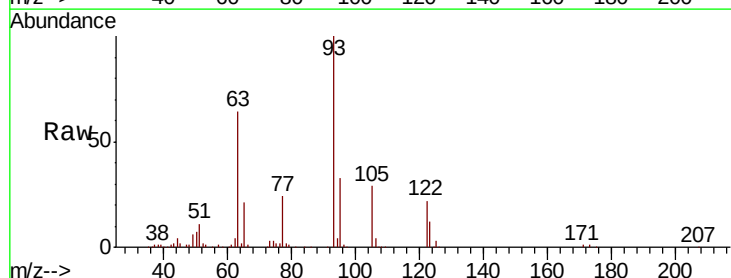
Tgt Ion: 93 Resp: 195653

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

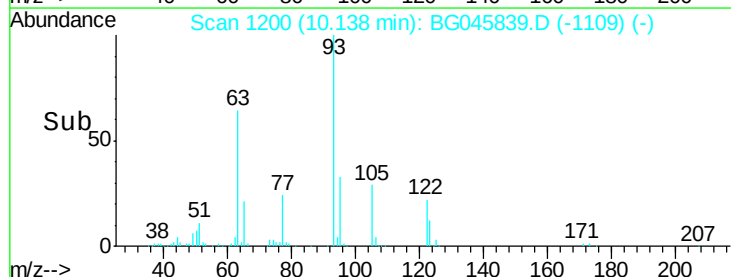
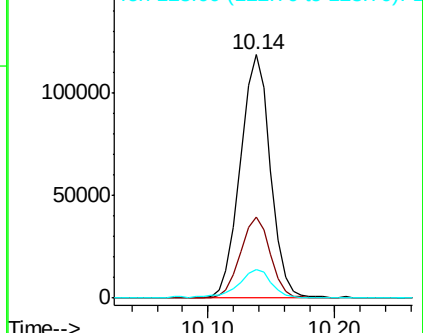
123 11.6 9.3 13.9

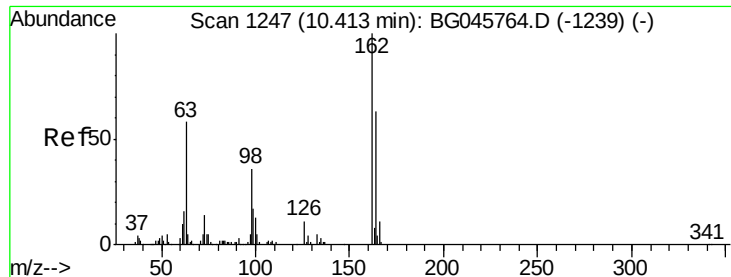


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.891 ng

RT: 10.41 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

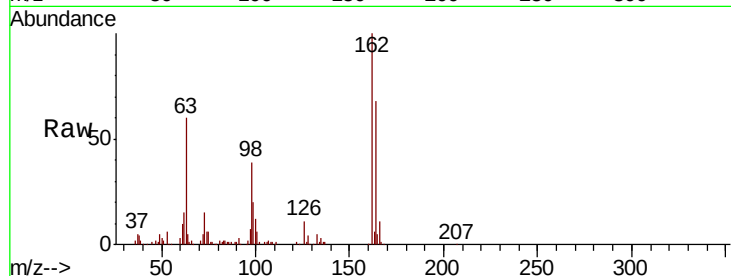
Tot Ion:162 Resp: 159299

Ion Ratio Lower Upper

162 100

164 67.8 43.3 83.3

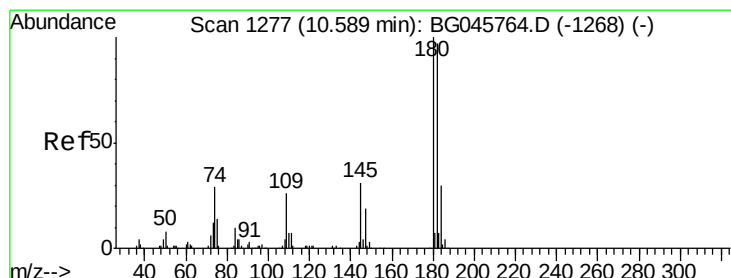
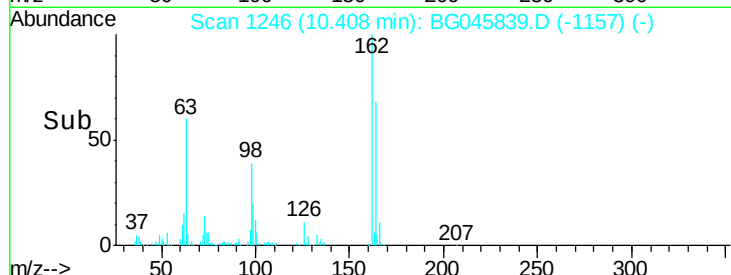
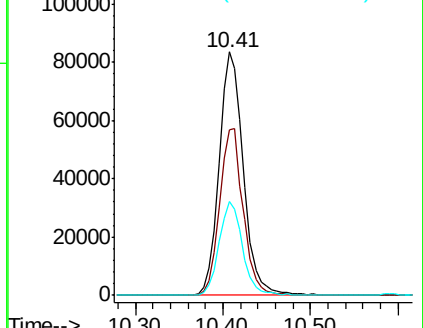
98 38.8 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.817 ng

RT: 10.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

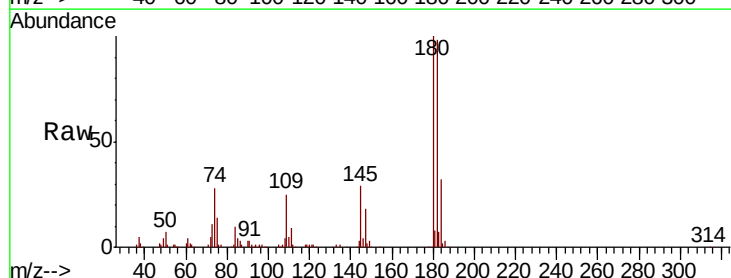
Tgt Ion:180 Resp: 188266

Ion Ratio Lower Upper

180 100

182 97.5 77.8 116.6

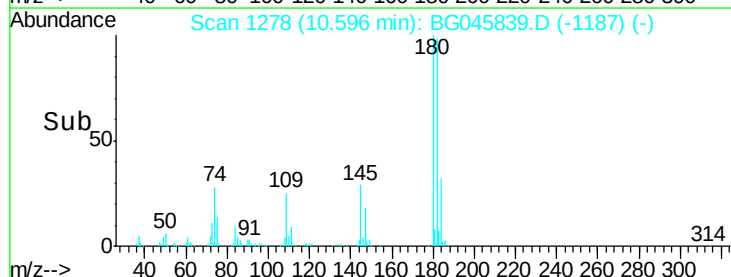
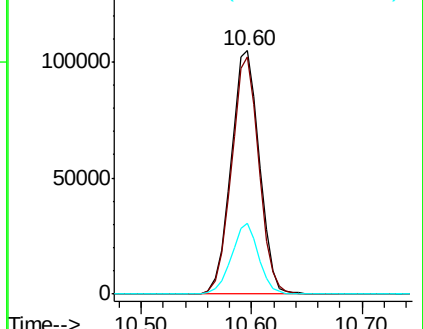
145 29.2 24.5 36.7

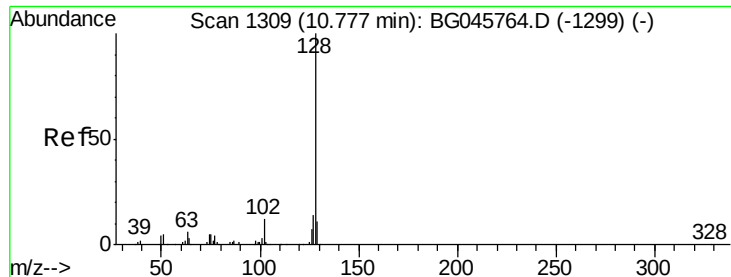


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

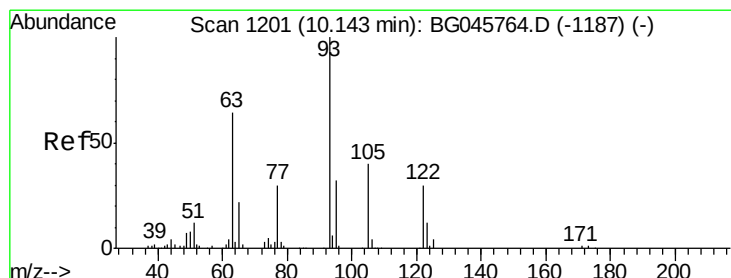
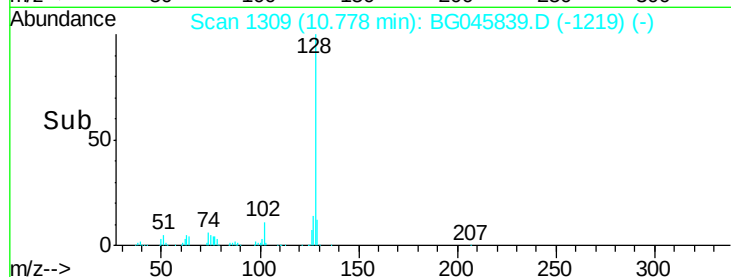
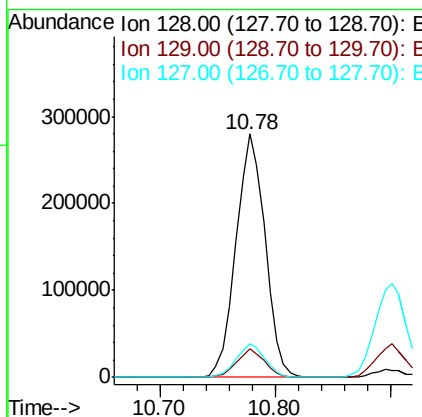
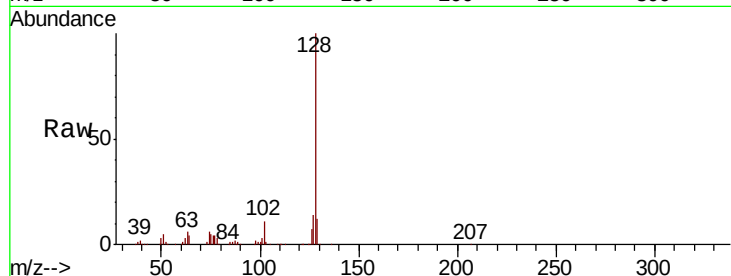




#31
Naphthalene
Concen: 42.613 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

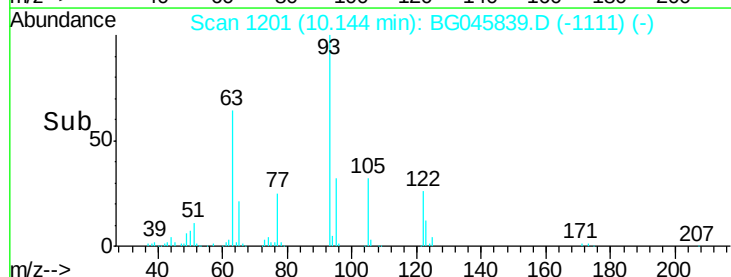
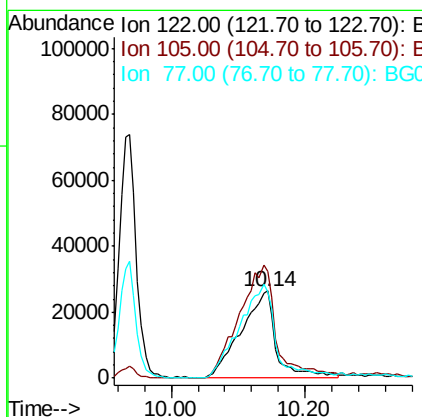
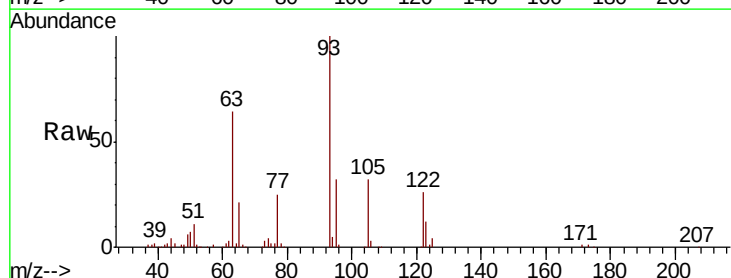
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

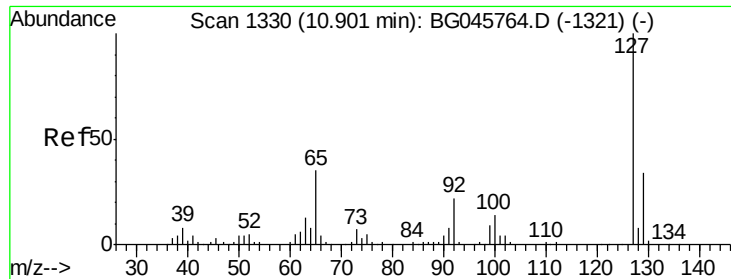
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.9	10.9	16.3



#32
Benzoic acid
Concen: 47.942 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	112.9	152.9
77	98.4	79.2	119.2

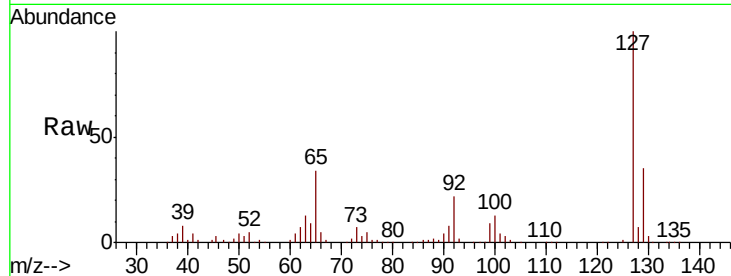




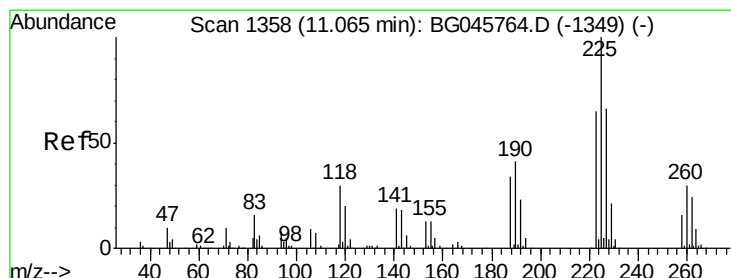
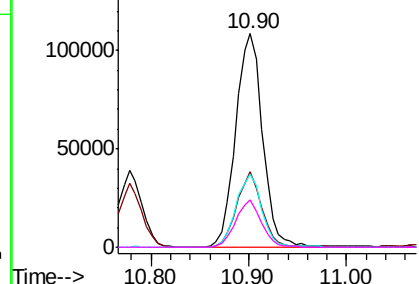
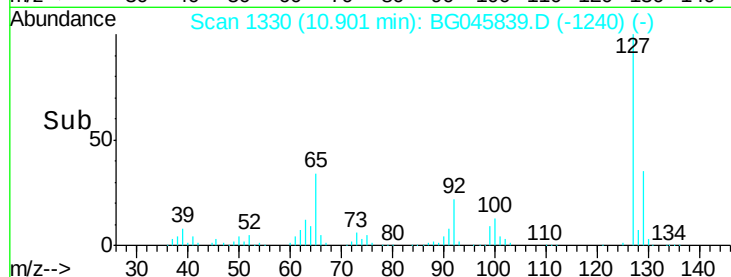
#33
4-Chloroaniline
Concen: 43.527 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:127 Resp: 208820
Ion Ratio Lower Upper
127 100
129 35.4 26.8 40.2
65 34.1 27.8 41.8
92 22.0 17.3 25.9

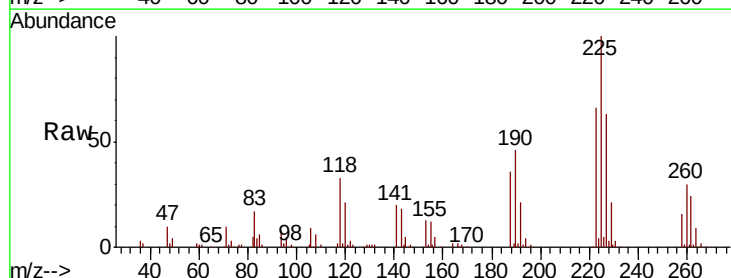


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

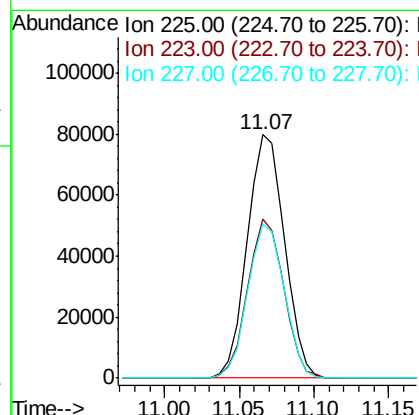
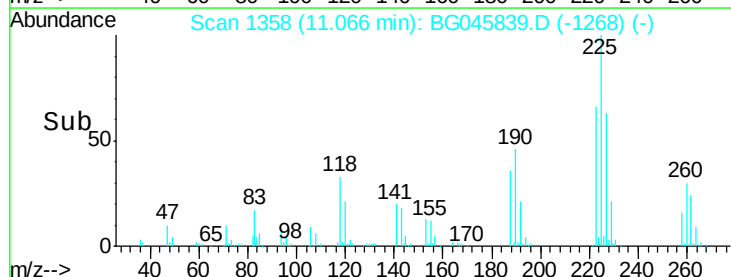


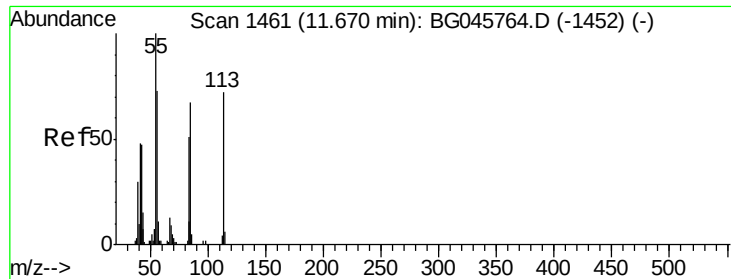
#34
Hexachlorobutadiene
Concen: 45.067 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:225 Resp: 137712
Ion Ratio Lower Upper
225 100
223 65.6 52.0 78.0
227 63.2 52.5 78.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.695 ng

RT: 11.68 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

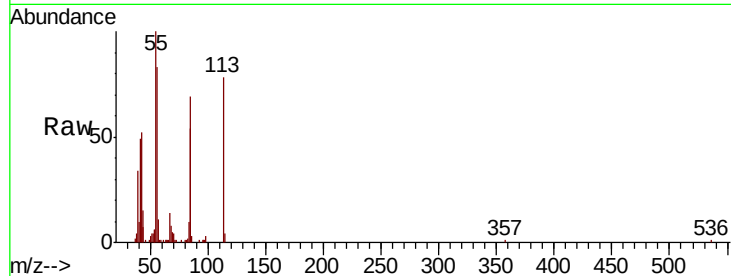
Tot Ion:113 Resp: 53668

Ion Ratio Lower Upper

113 100

55 128.1 119.7 159.7

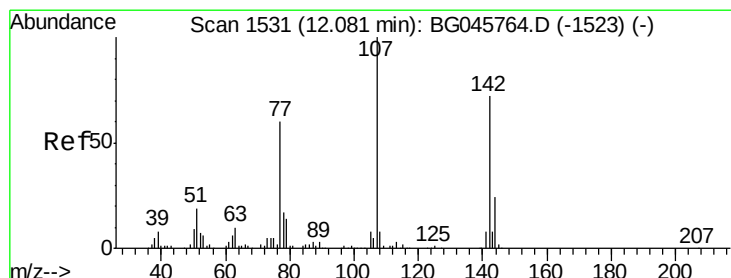
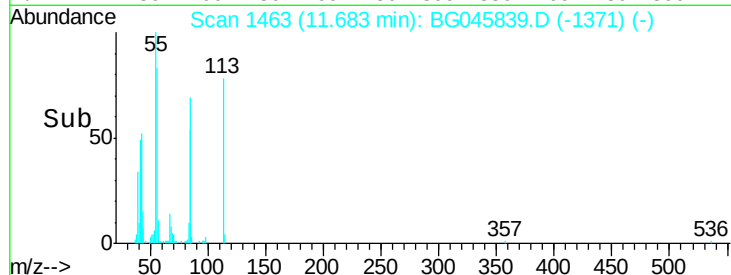
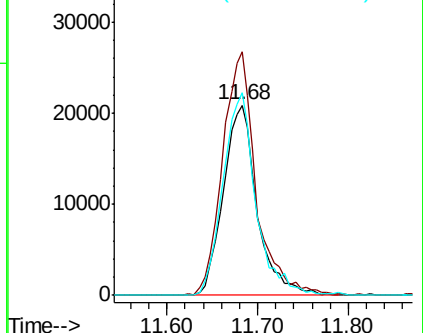
56 106.8 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.207 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

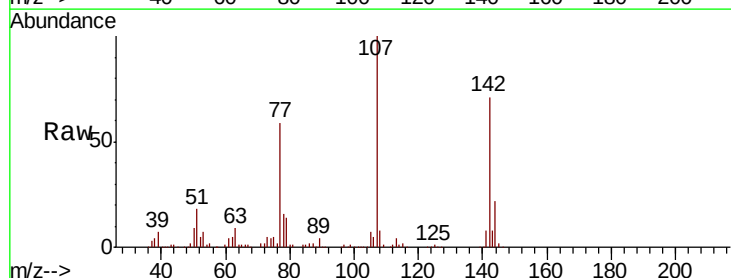
Tgt Ion:107 Resp: 181063

Ion Ratio Lower Upper

107 100

144 22.0 19.5 29.3

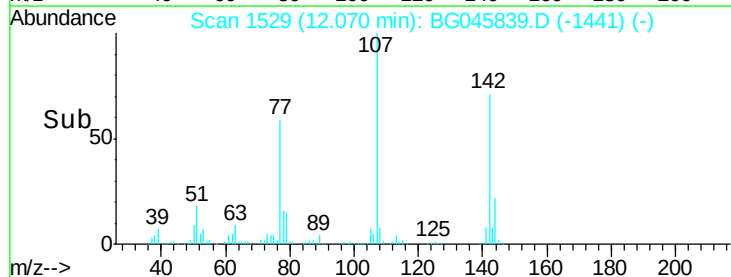
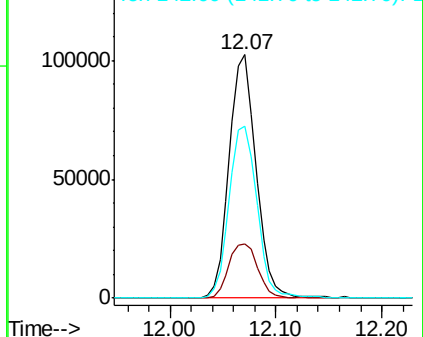
142 70.7 57.4 86.0

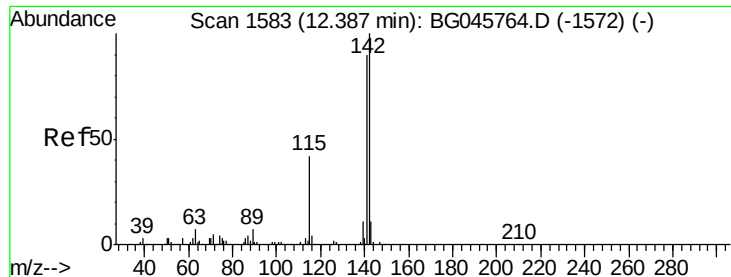


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

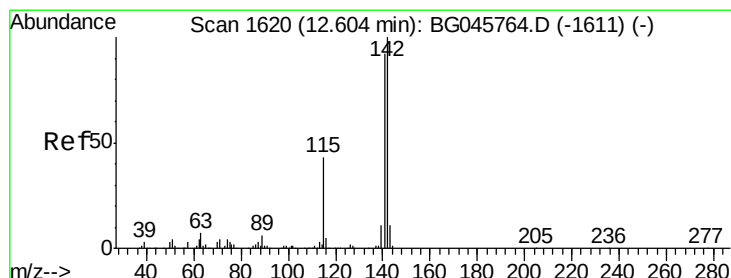
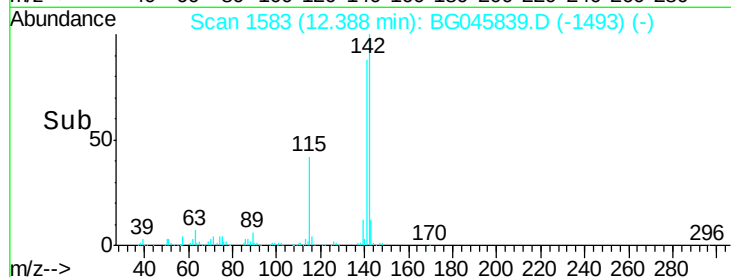
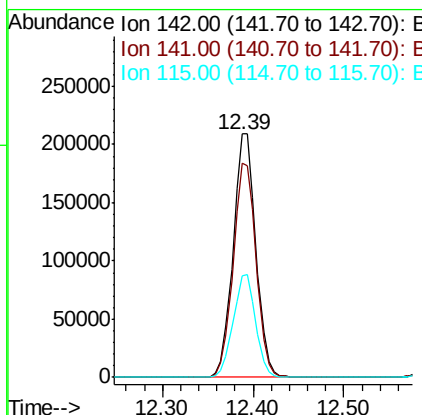
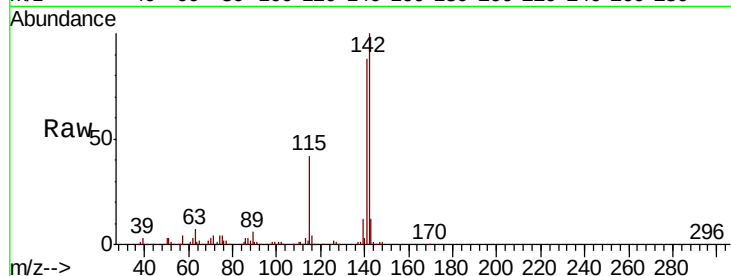




#37
2-Methylnaphthalene
Concen: 43.094 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

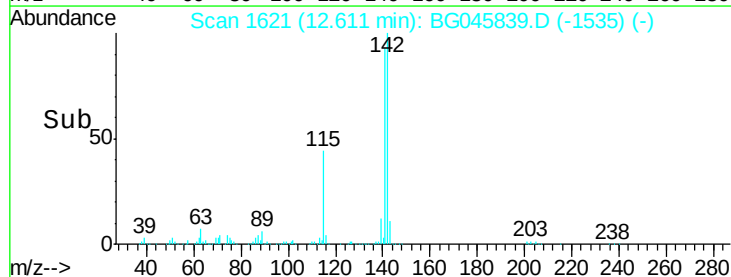
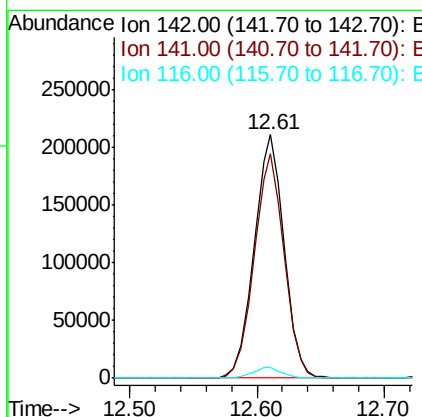
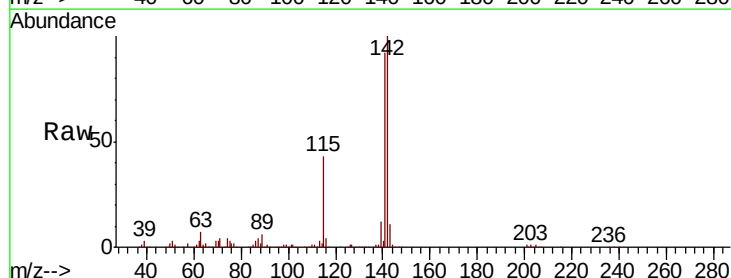
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

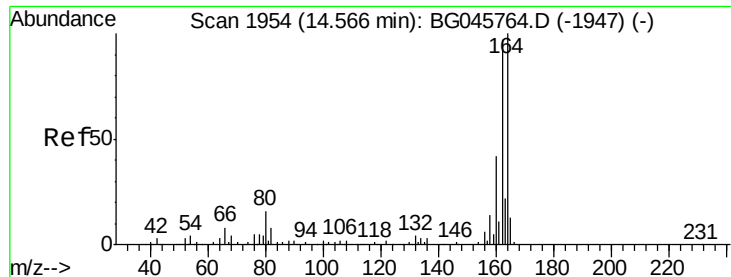
Tot Ion:142 Resp: 367622
Ion Ratio Lower Upper
142 100
141 88.1 71.7 107.5
115 41.7 33.8 50.6



#38
1-Methylnaphthalene
Concen: 42.848 ng
RT: 12.61 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:142 Resp: 345901
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.8
116 4.2 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

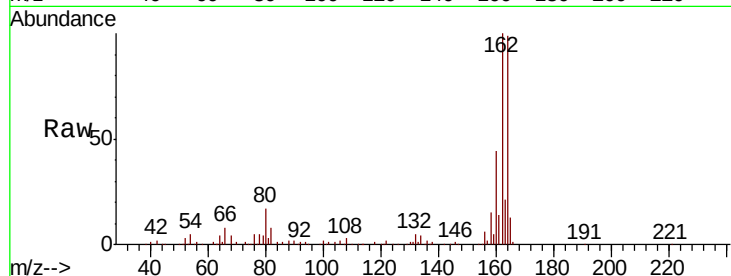
Tot Ion:164 Resp: 144152

Ion Ratio Lower Upper

164 100

162 100.5 77.4 116.0

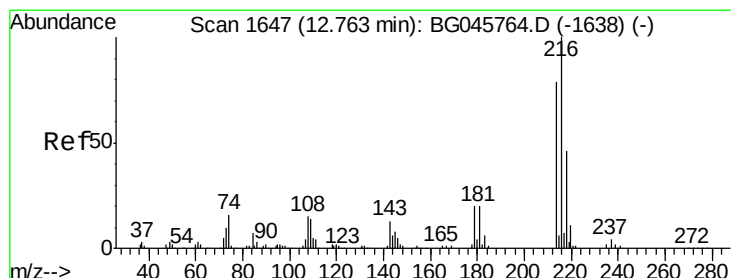
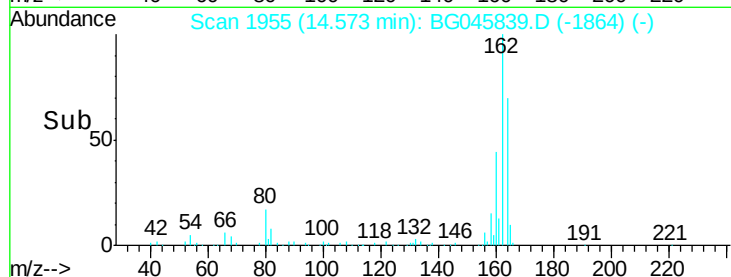
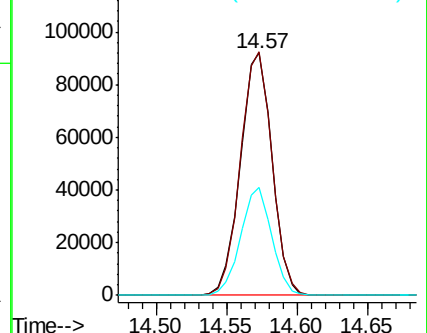
160 44.4 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.082 ng

RT: 12.76 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Tgt Ion:216 Resp: 213984

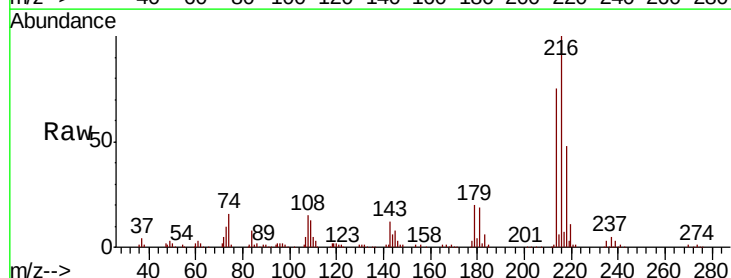
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 20.2 16.2 24.4

108 16.8 13.4 20.2

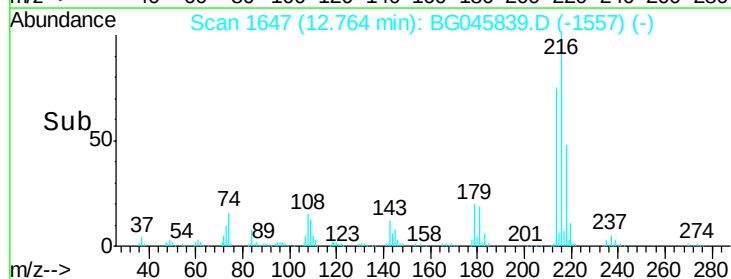
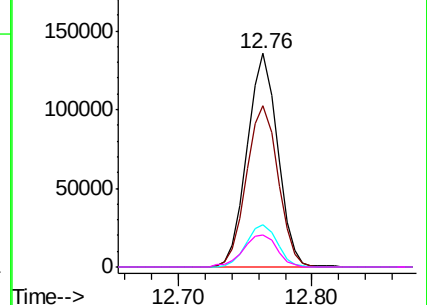


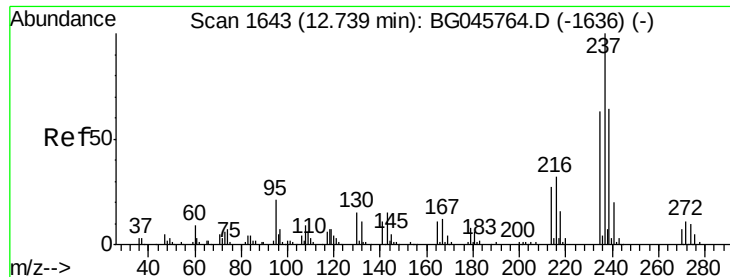
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.666 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

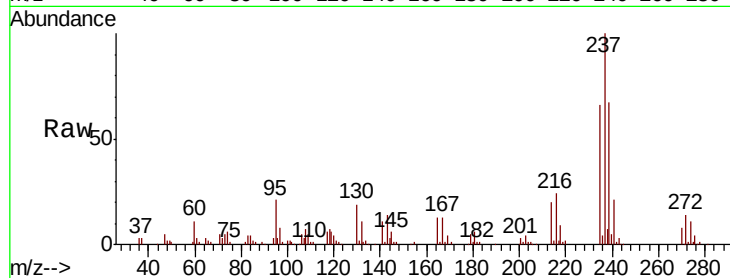
Tot Ion:237 Resp: 91562

Ion Ratio Lower Upper

237 100

235 65.8 42.9 82.9

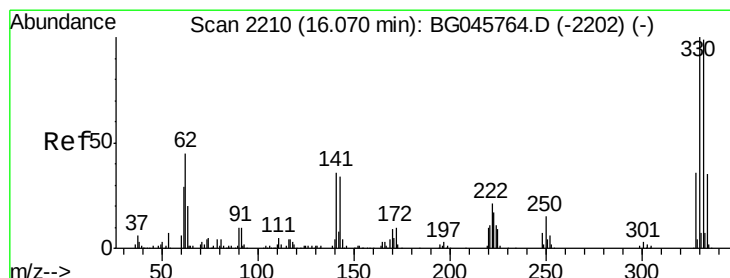
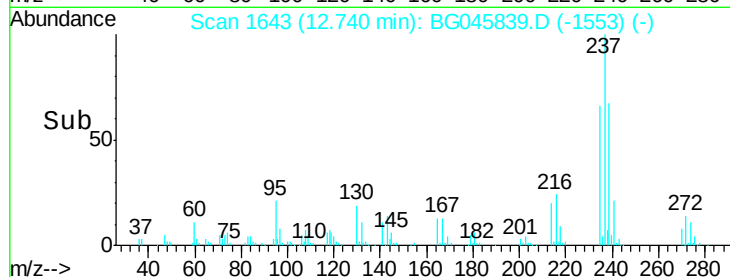
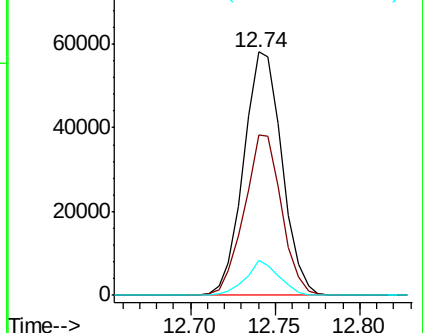
272 14.2 0.0 30.9



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: 87.164 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

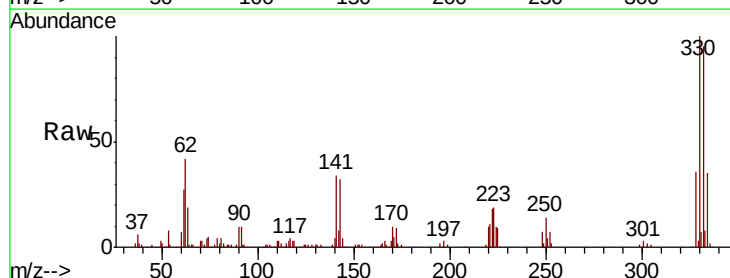
Tgt Ion:330 Resp: 189696

Ion Ratio Lower Upper

330 100

332 97.0 78.6 117.8

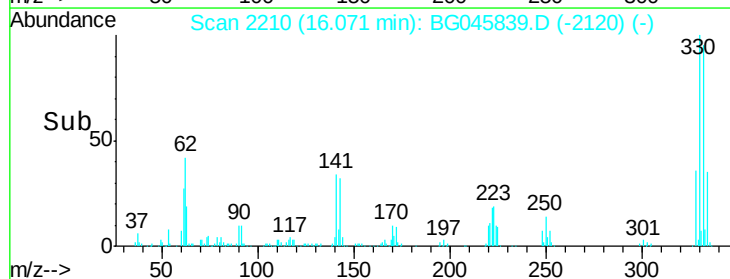
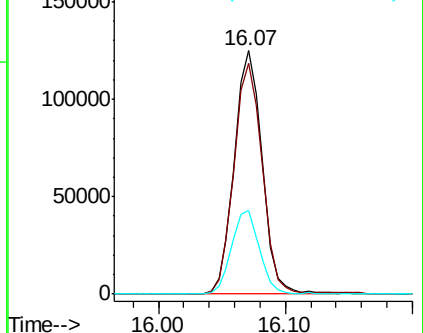
141 34.7 28.2 42.4

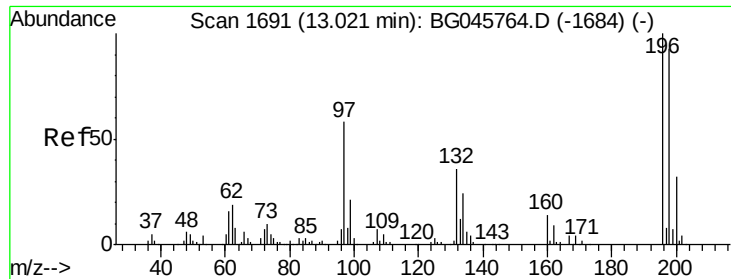


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

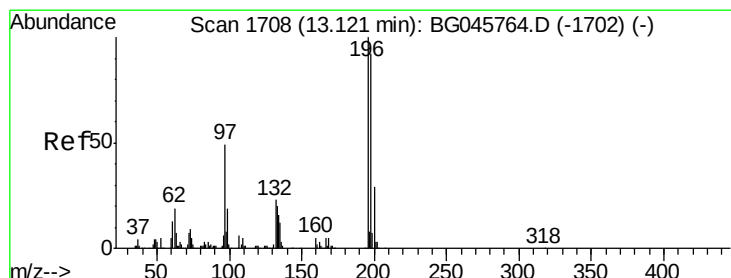
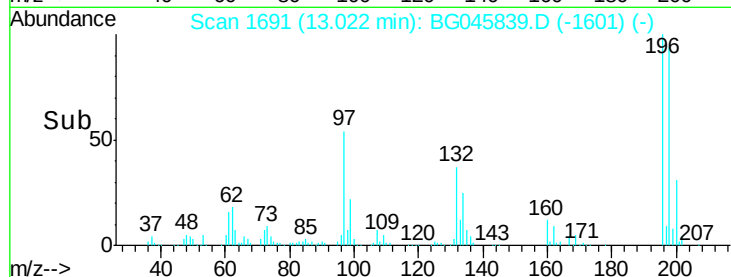
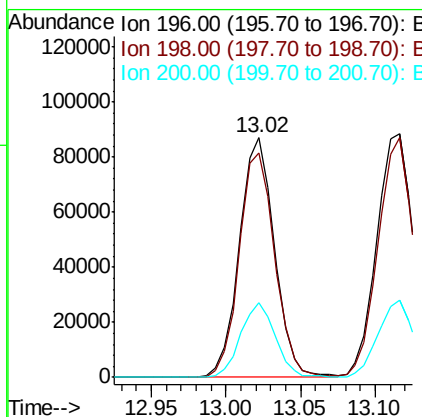
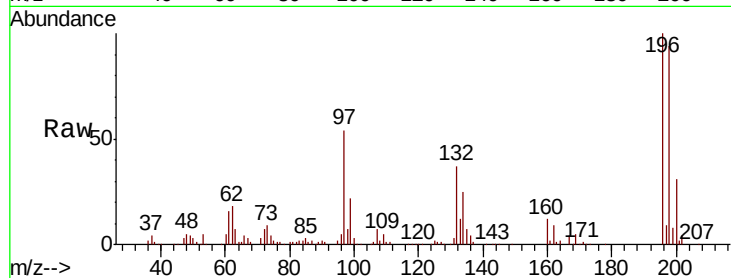




#43
 2,4,6-Trichlorophenol
 Concen: 44.107 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

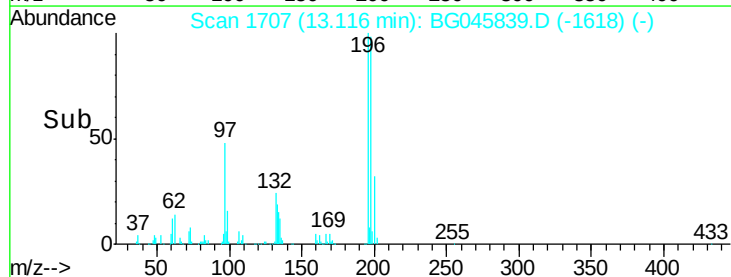
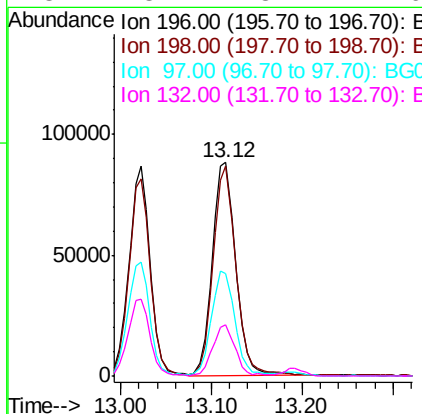
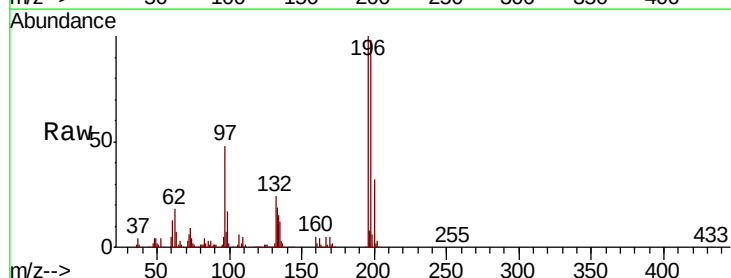
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

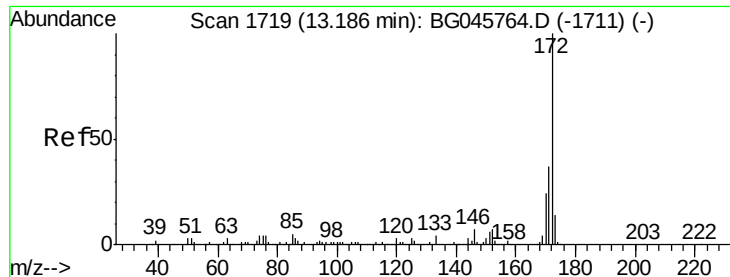
Tot Ion:196 Resp: 141944
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.4 111.6
 200 31.3 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.190 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

Tgt Ion:196 Resp: 158413
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.0 111.0
 97 48.1 39.0 58.6
 132 23.7 18.4 27.6

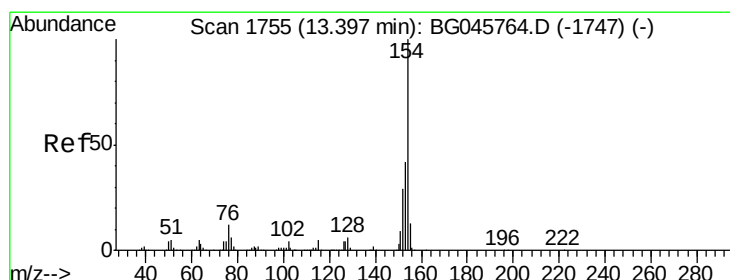
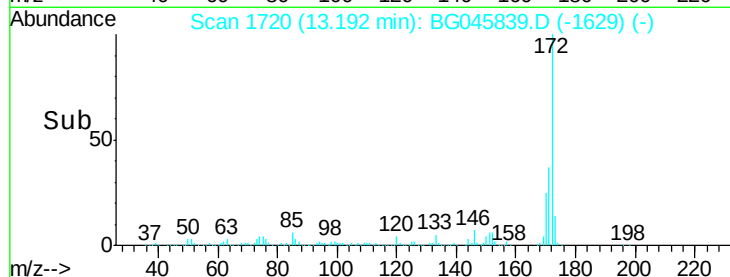
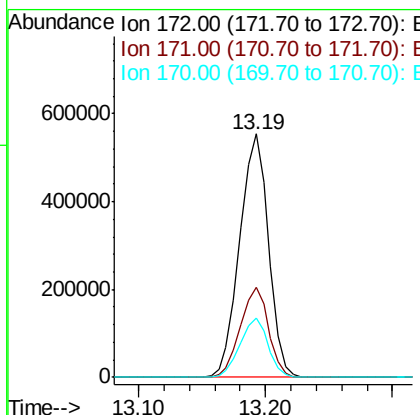
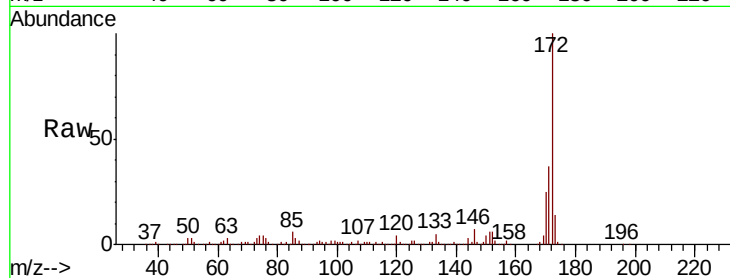




#45
2-Fluorobiphenyl
Concen: 88.851 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

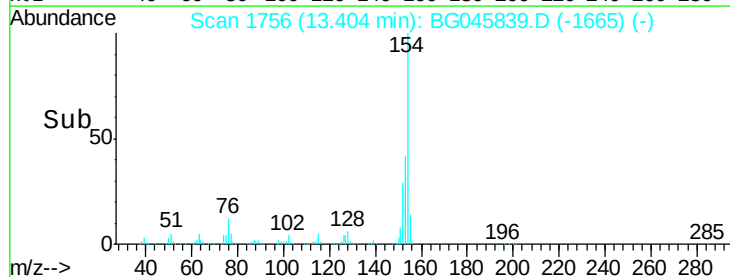
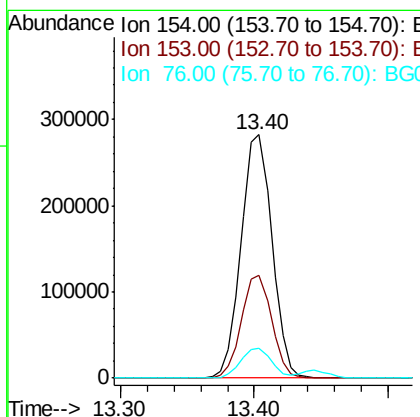
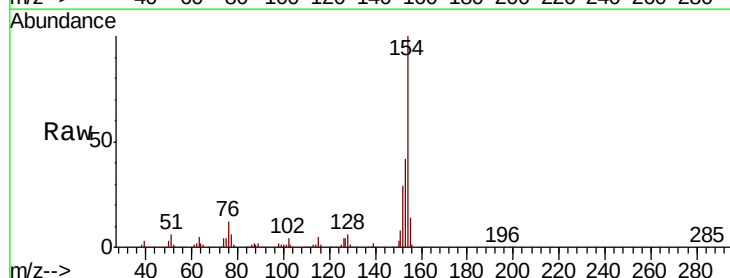
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

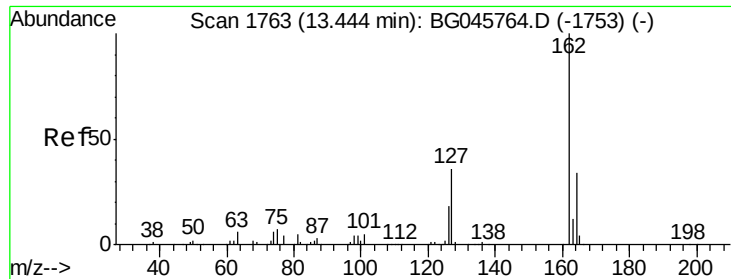
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.6	19.3	28.9



#46
1,1'-Biphenyl
Concen: 43.844 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.7	61.7
76	12.1	0.0	32.0

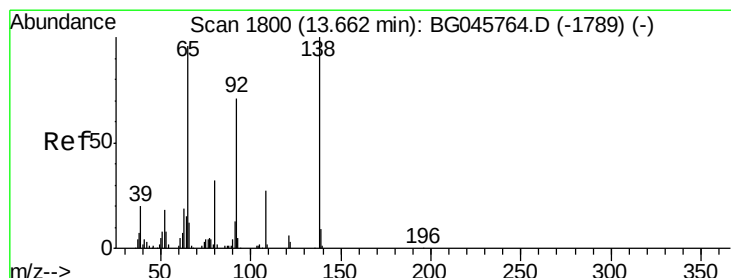
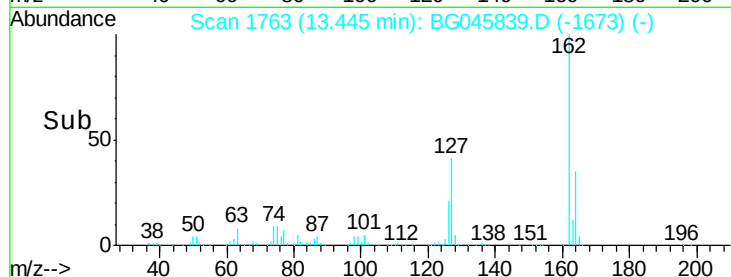
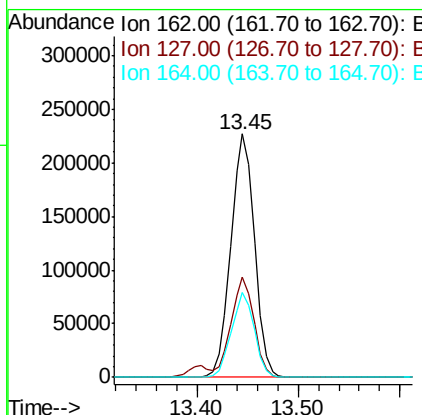
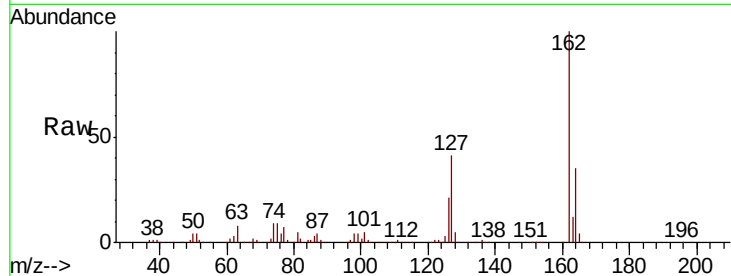




#47
 2-Chloronaphthalene
 Concen: 43.978 ng
 RT: 13.45 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

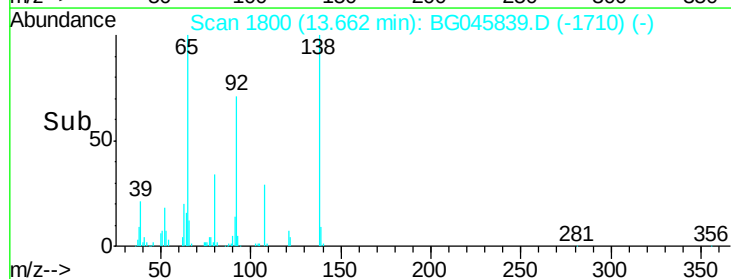
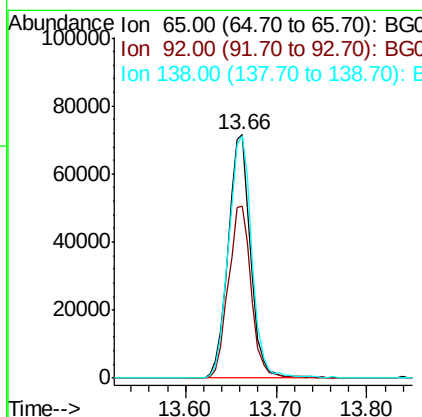
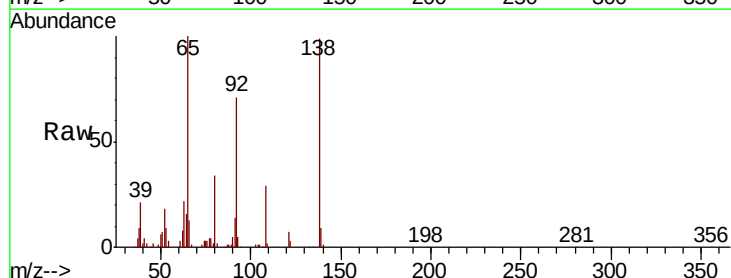
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

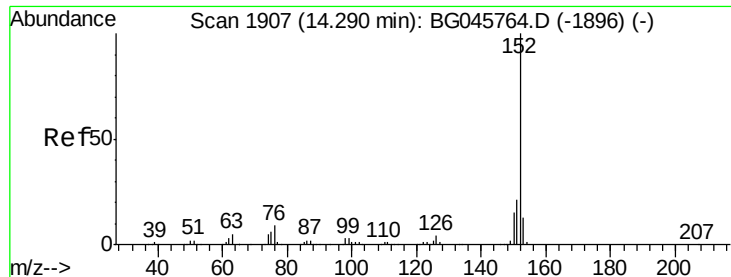
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	30.5	45.7
164	35.1	27.2	40.8



#48
 2-Nitroaniline
 Concen: 44.444 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	59.0	88.6
138	99.3	83.6	125.4





#49

Acenaphthylene

Concen: 43.583 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

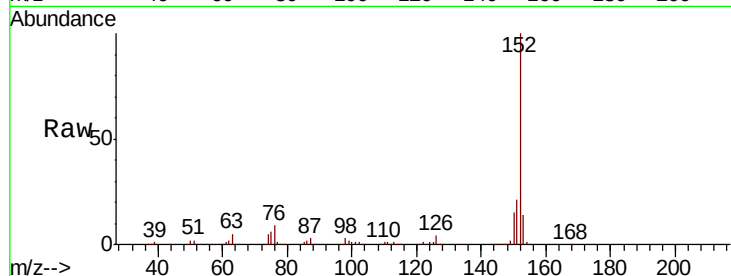
Tot Ion:152 Resp: 581981

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.4

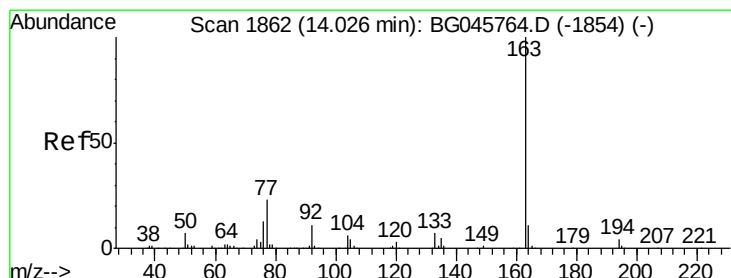
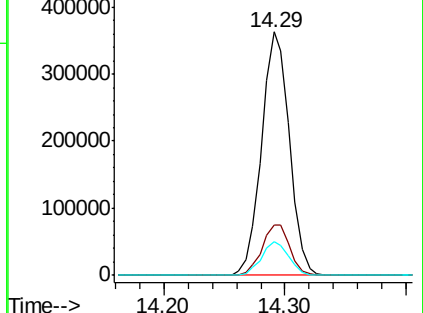
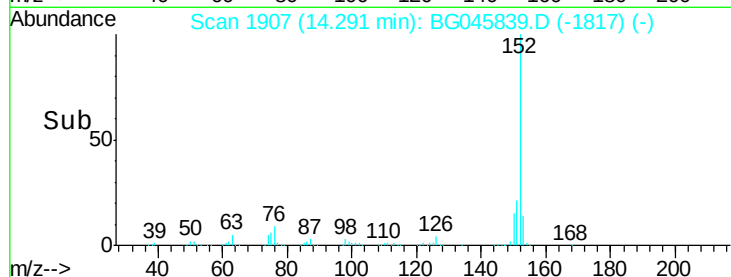
153 13.8 10.6 15.8



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: 43.409 ng

RT: 14.03 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

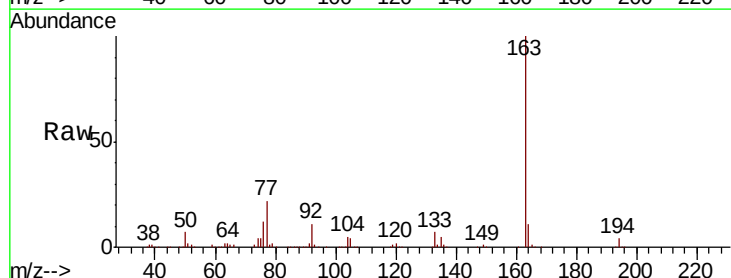
Tgt Ion:163 Resp: 490208

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

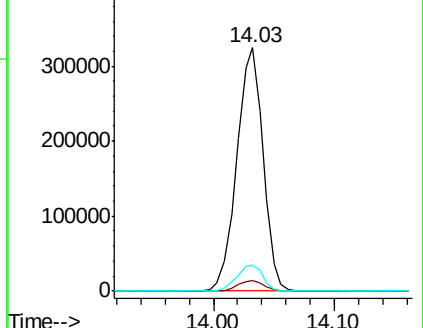
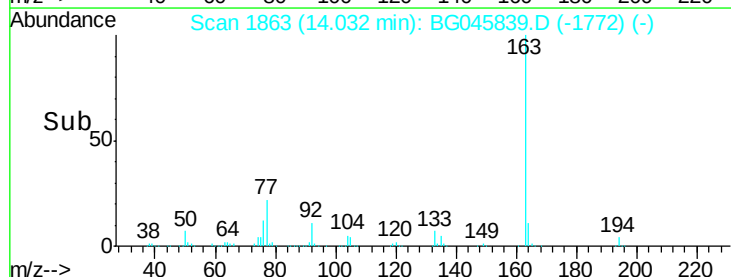
164 10.7 8.9 13.3

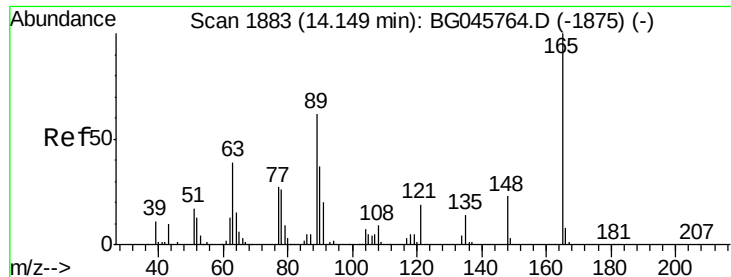


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

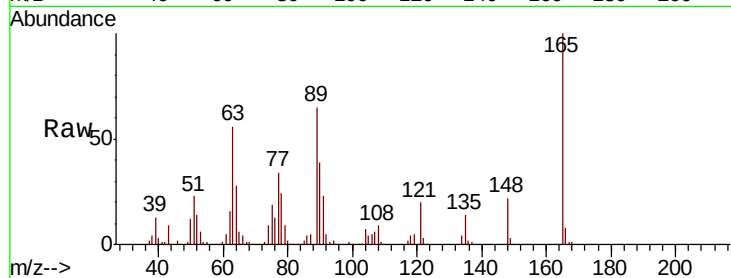




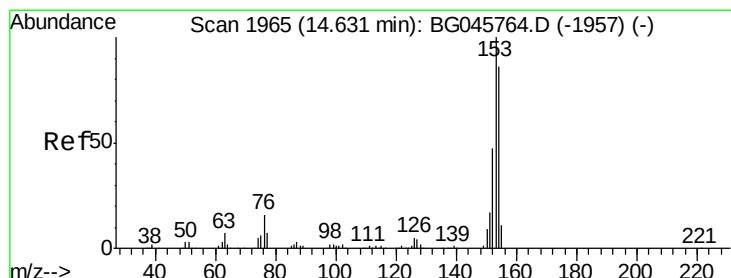
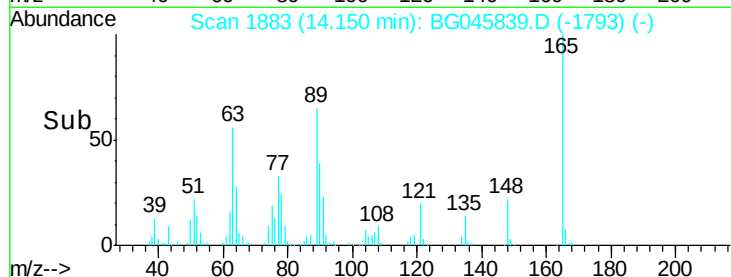
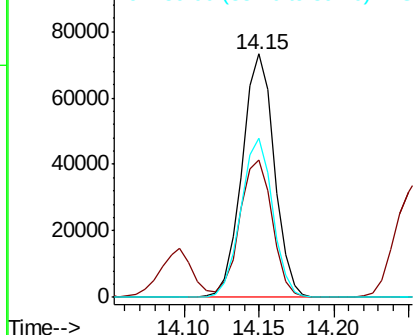
#51
2,6-Dinitrotoluene
Concen: 42.979 ng
RT: 14.15 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 109013
Ion Ratio Lower Upper
165 100
63 56.4 41.2 61.8
89 65.3 49.7 74.5

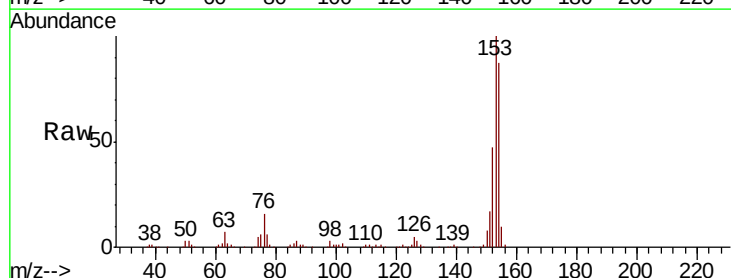


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

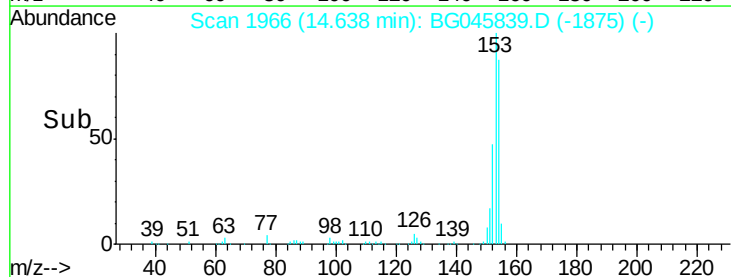
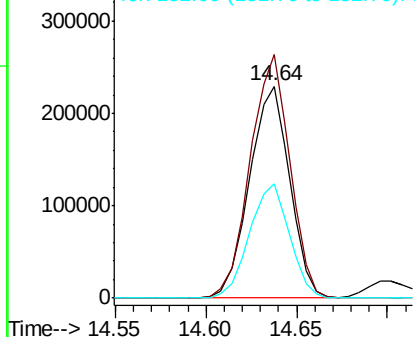


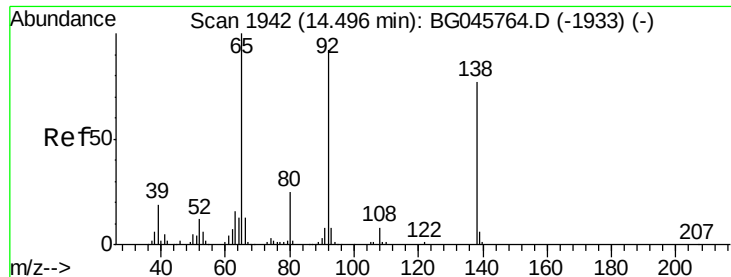
#52
Acenaphthene
Concen: 43.632 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:154 Resp: 353163
Ion Ratio Lower Upper
154 100
153 115.0 93.0 139.4
152 54.2 43.7 65.5



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

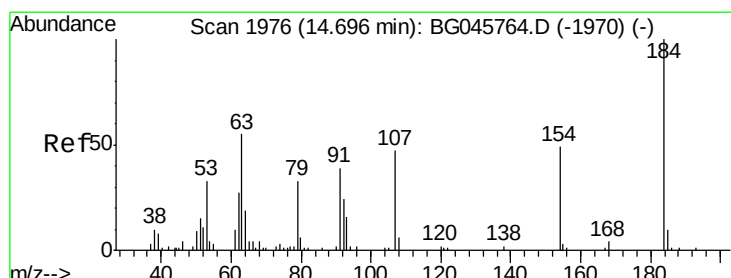
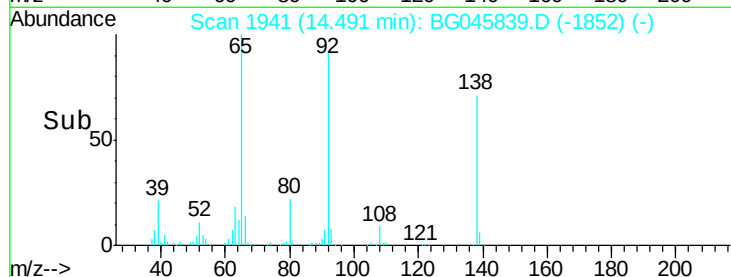
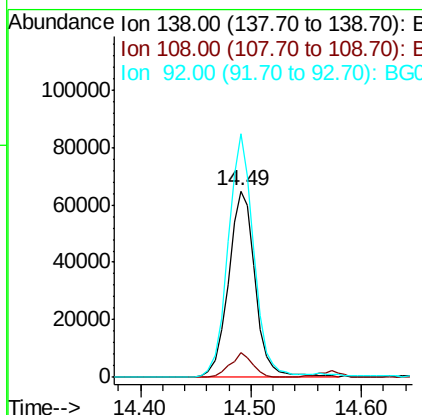
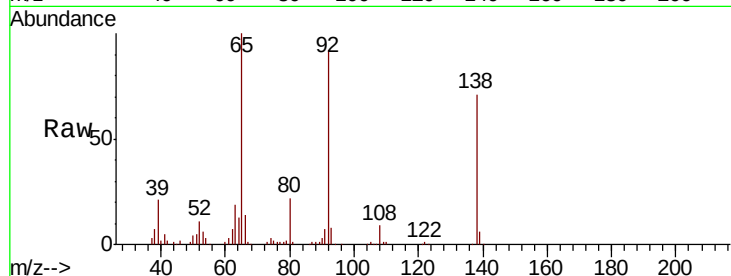




#53
3-Nitroaniline
Concen: 43.243 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

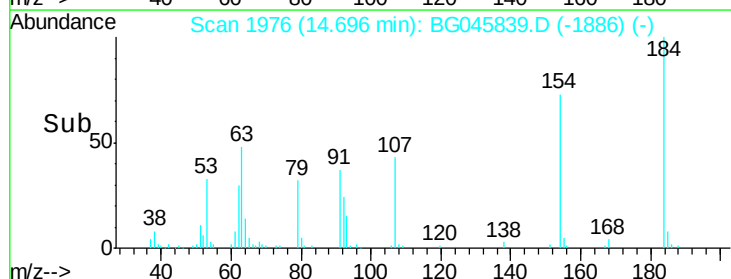
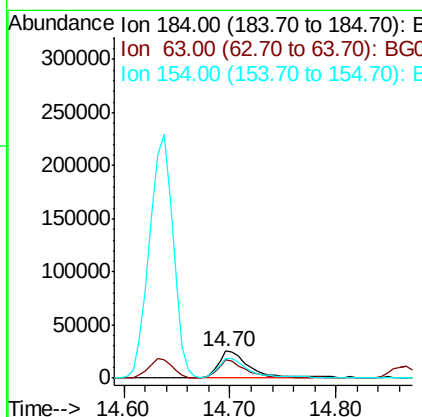
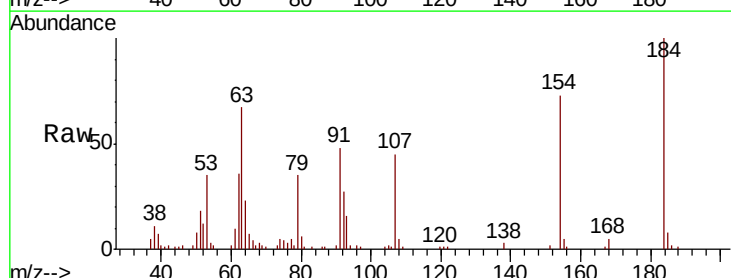
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

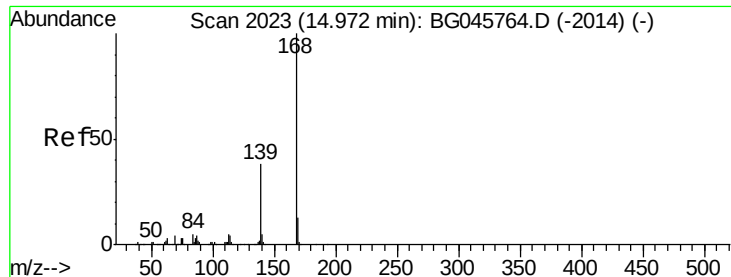
Tot Ion:138 Resp: 109555
Ion Ratio Lower Upper
138 100
108 13.1 8.4 12.6#
92 130.6 95.6 143.4



#54
2,4-Dinitrophenol
Concen: 42.832 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:184 Resp: 53083
Ion Ratio Lower Upper
184 100
63 67.4 46.6 70.0
154 72.8 58.6 87.8





#55

Dibenzenofuran

Concen: 43.811 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

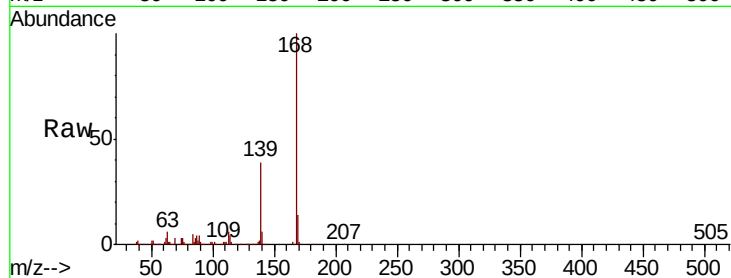
Tot Ion:168 Resp: 576068

Ion Ratio Lower Upper

168 100

139 39.4 31.8 47.6

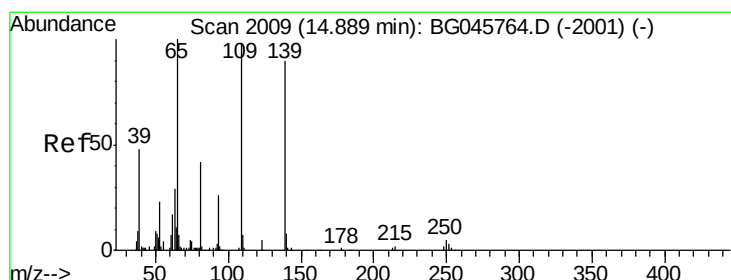
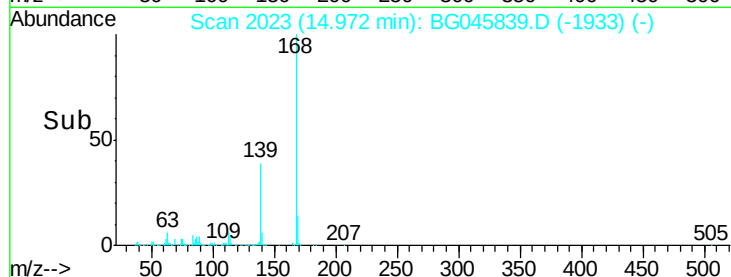
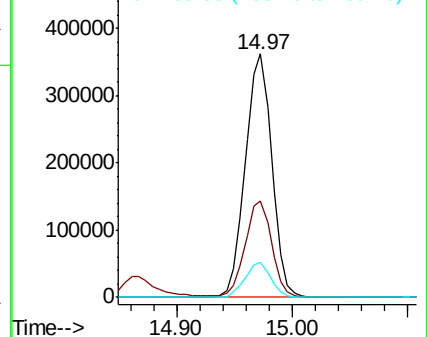
169 14.4 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.099 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

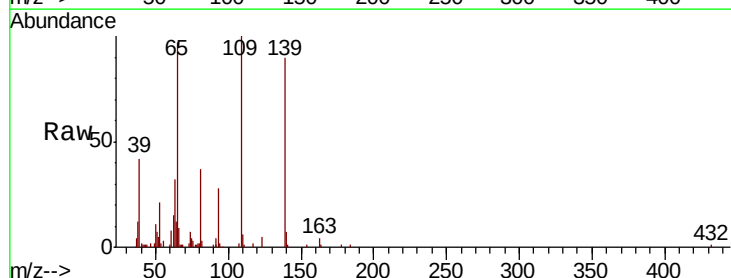
Tgt Ion:139 Resp: 65180

Ion Ratio Lower Upper

139 100

109 111.3 88.9 128.9

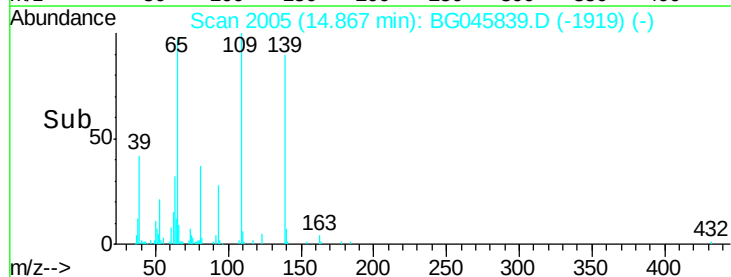
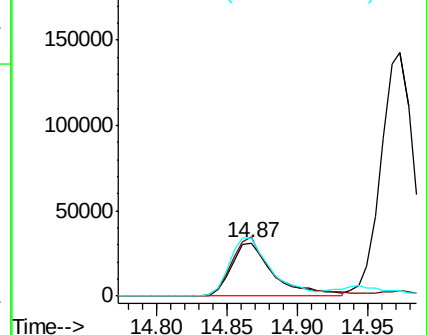
65 107.9 92.3 132.3

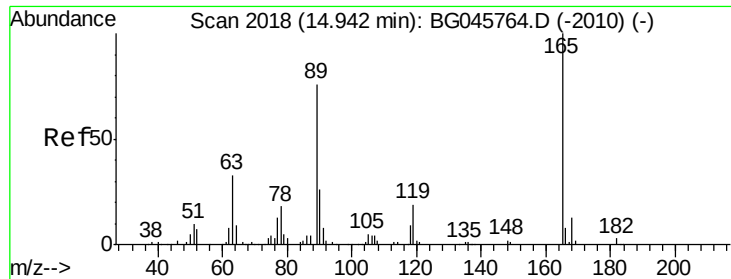


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 43.195 ng

RT: 14.94 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 156974

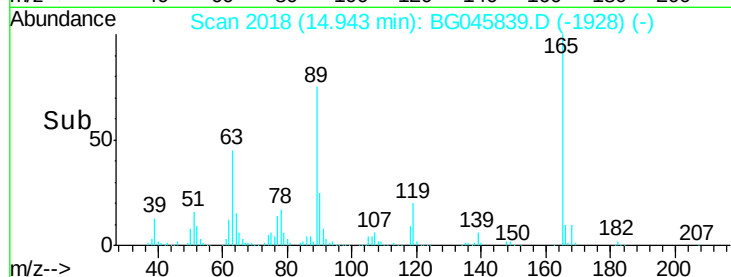
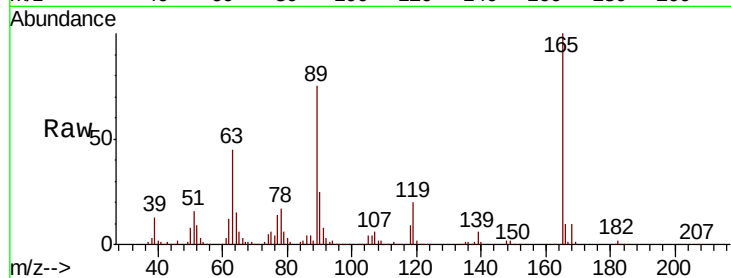
Ion Ratio Lower Upper

165 100

63 45.1 33.8 50.8

89 75.4 60.4 90.6

182 2.5 2.6 3.8#

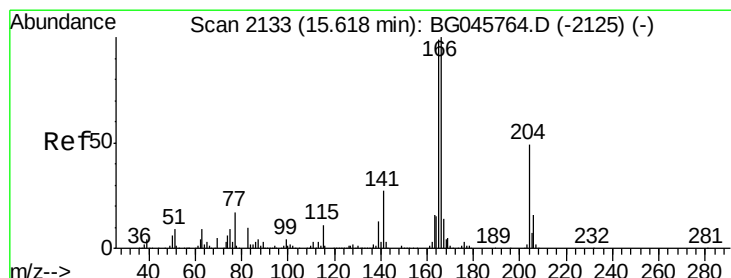
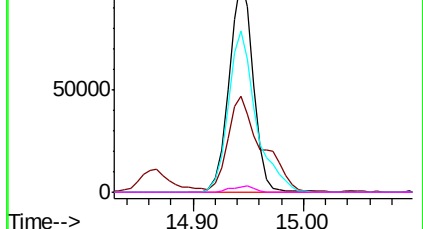


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.532 ng

RT: 15.62 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

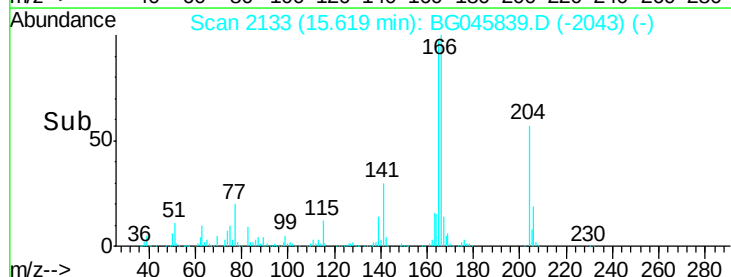
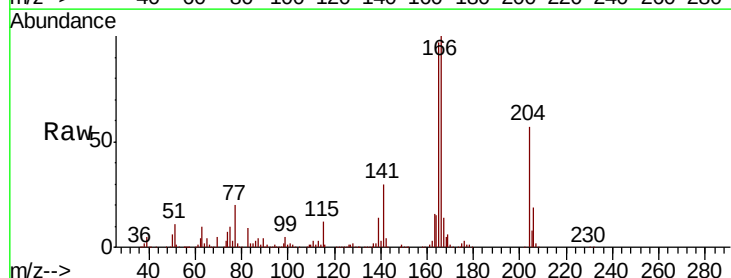
Tgt Ion:166 Resp: 475967

Ion Ratio Lower Upper

166 100

165 97.1 79.1 118.7

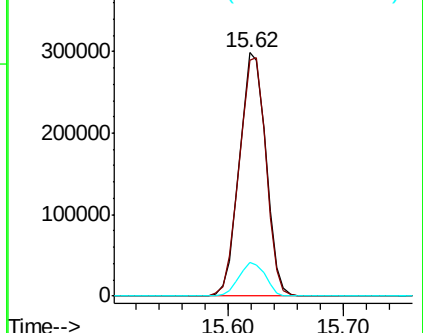
167 13.9 11.5 17.3

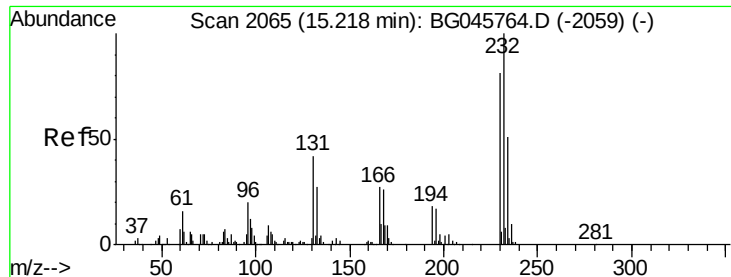


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

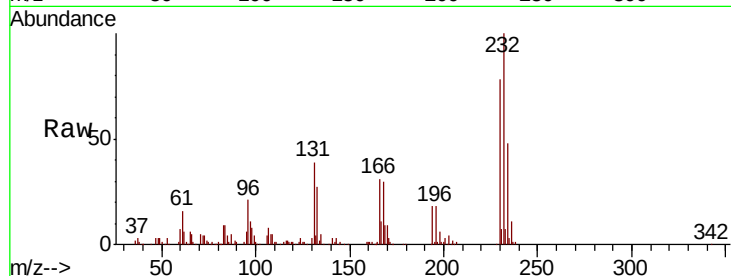




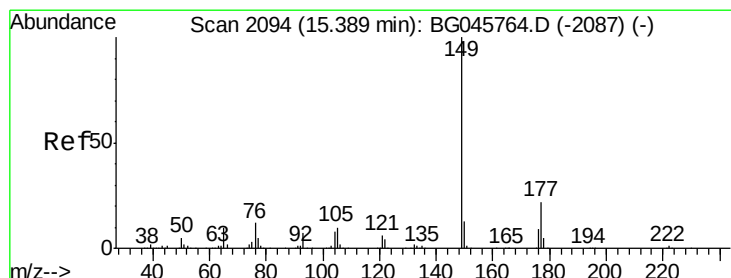
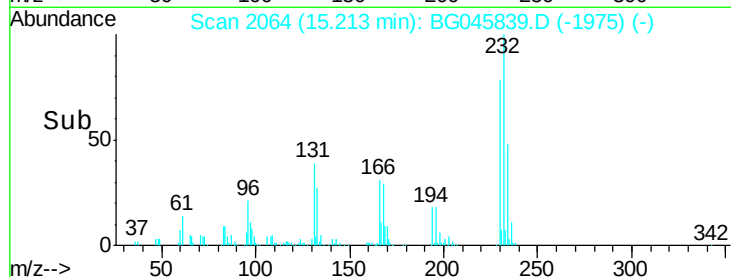
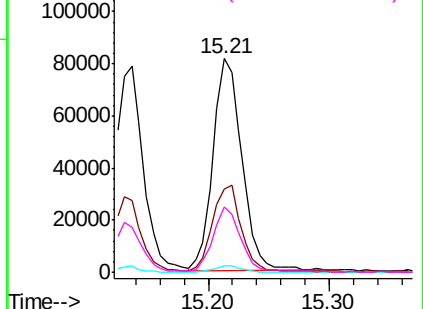
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.179 ng
RT: 15.21 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:232	Resp:	134272
Ion Ratio	Lower	Upper
232	100	
131	39.3	32.2 48.2
130	2.9	2.2 3.4
166	29.8	21.3 31.9

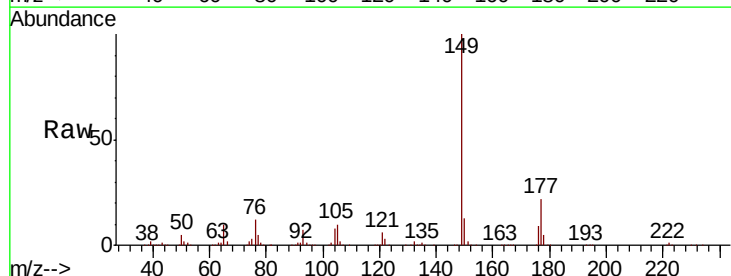


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

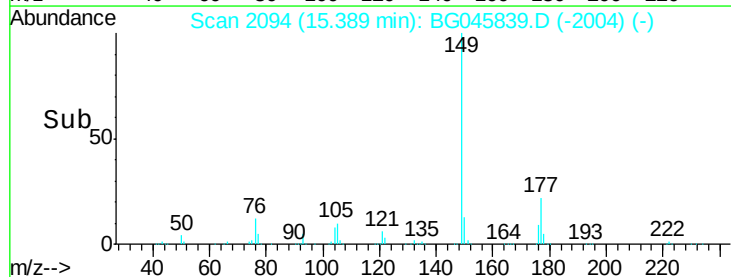
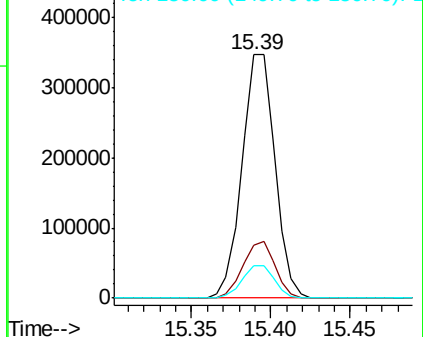


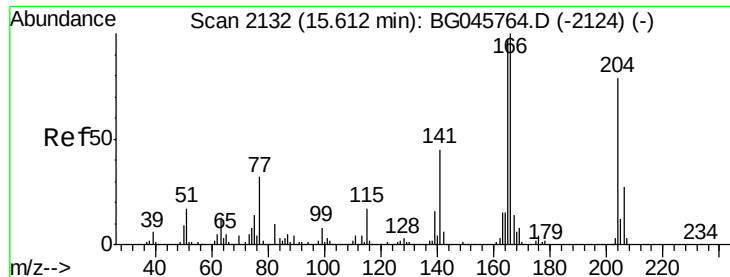
#60
Diethylphthalate
Concen: 43.318 ng
RT: 15.39 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:149	Resp:	500080
Ion Ratio	Lower	Upper
149	100	
177	21.8	17.2 25.8
150	13.1	10.7 16.1



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

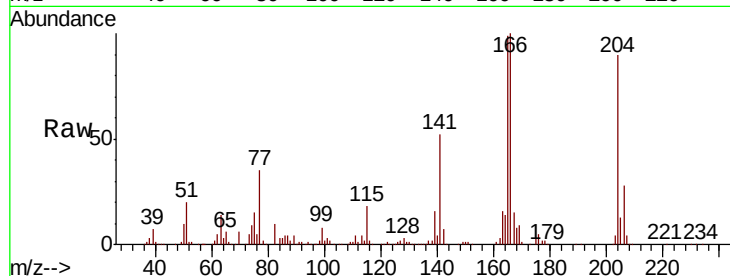




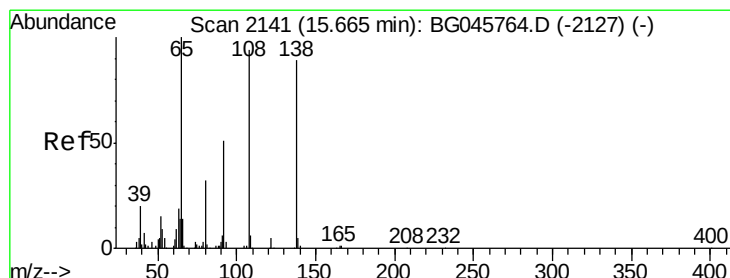
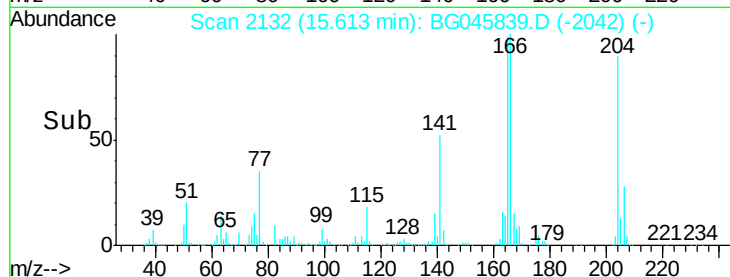
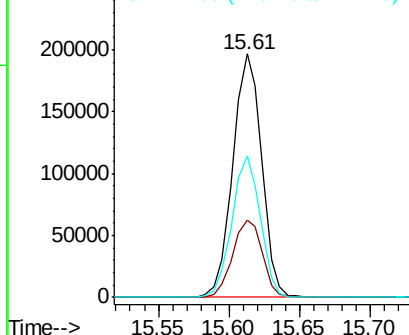
#61
4-Chlorophenyl-phenylether
Concen: 44.257 ng
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 278896
Ion Ratio Lower Upper
204 100
206 31.6 27.2 40.8
141 57.9 45.9 68.9

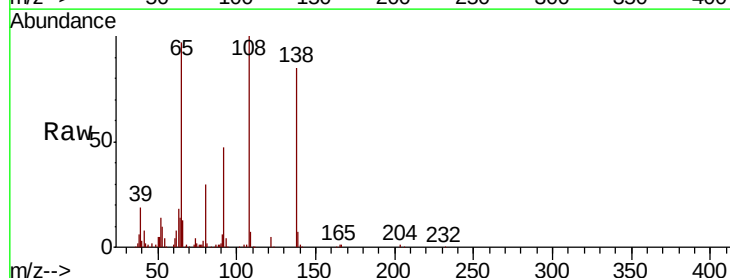


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

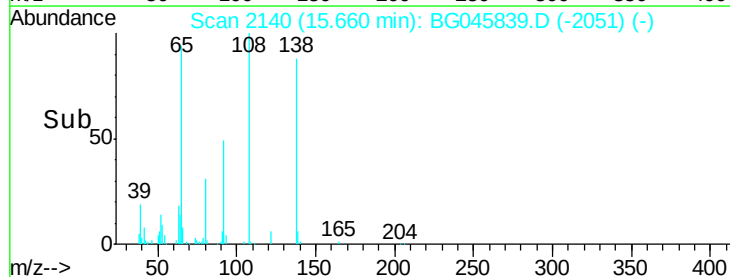
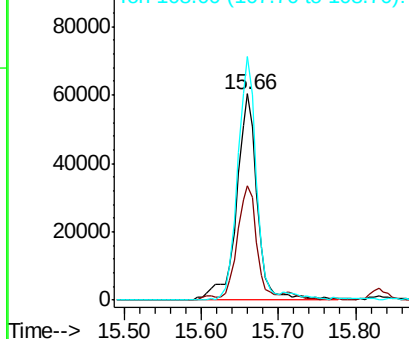


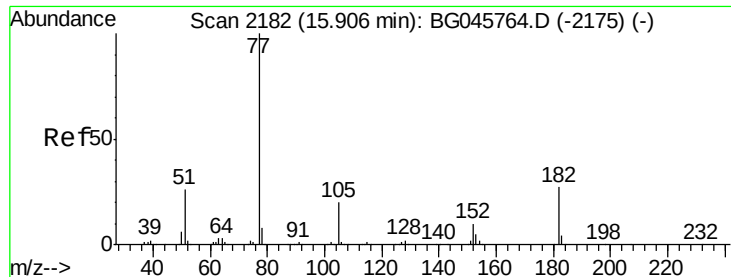
#62
4-Nitroaniline
Concen: 43.676 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:138 Resp: 113563
Ion Ratio Lower Upper
138 100
92 55.4 37.3 77.3
108 118.1 85.0 125.0



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





#63

Azobenzene

Concen: 42.929 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 475851

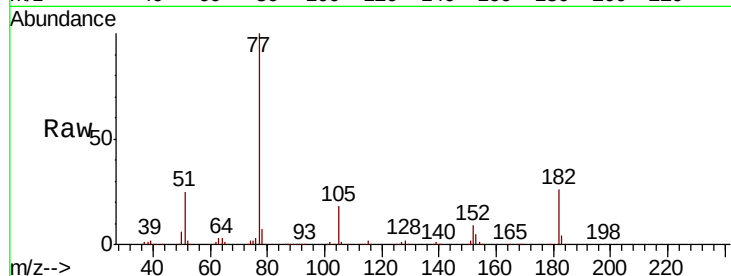
Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.4	47.4
105	18.1	0.1	40.1
51	25.3	5.7	45.7

77 100

182 26.4 7.4 47.4

105 18.1 0.1 40.1

51 25.3 5.7 45.7

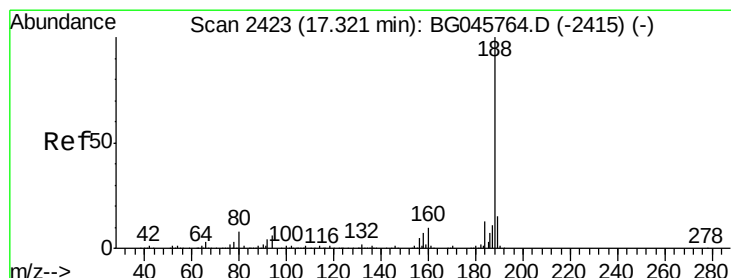
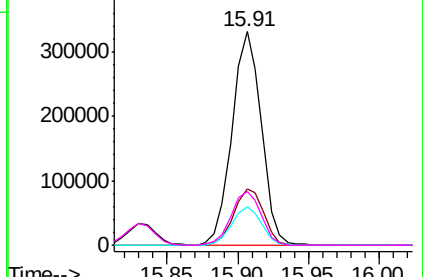
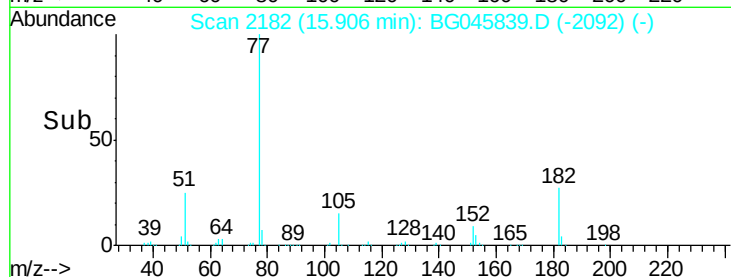


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

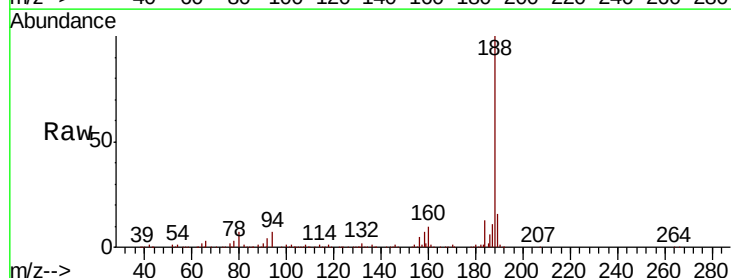
Tgt Ion: 188 Resp: 339738

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	7.2	6.2	9.4

188 100

94 6.5 5.1 7.7

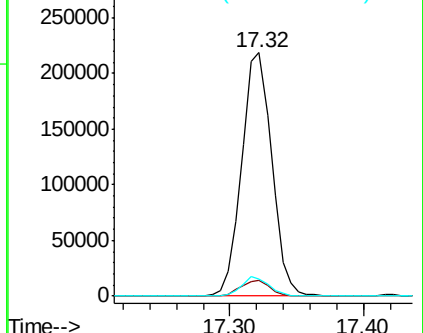
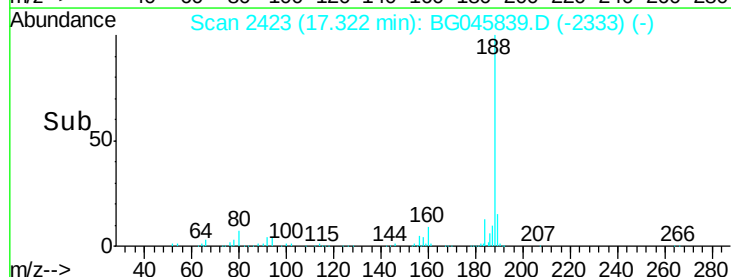
80 7.2 6.2 9.4

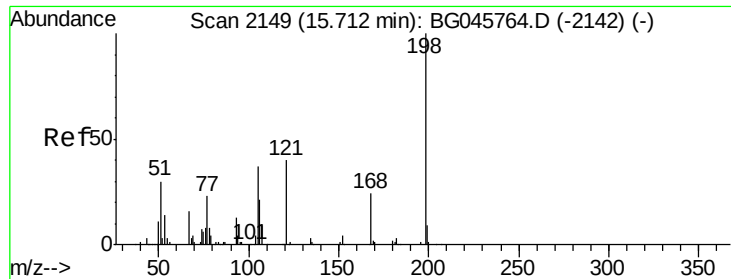


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.386 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

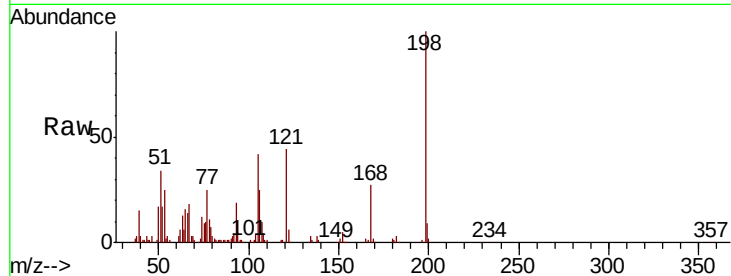
Tot Ion:198 Resp: 91092

Ion Ratio Lower Upper

198 100

51 34.4 14.6 54.6

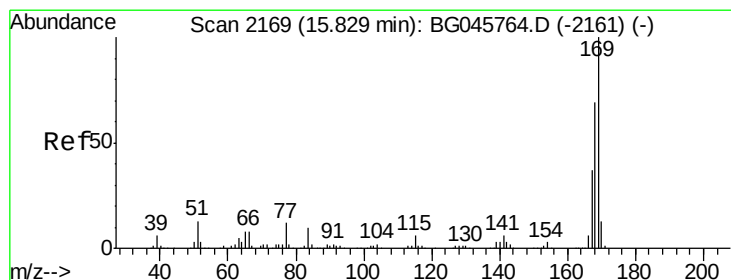
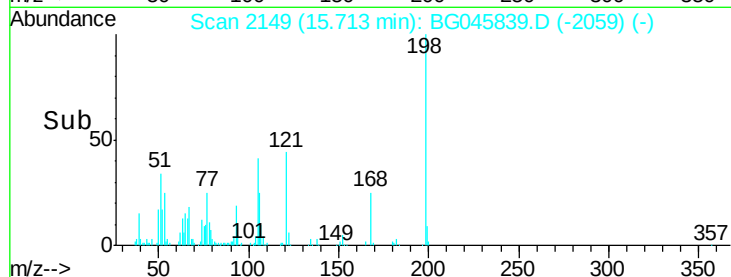
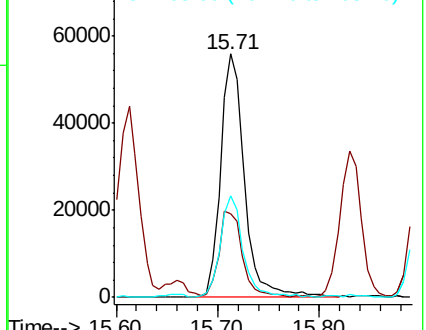
105 41.6 18.4 58.4



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: 42.655 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

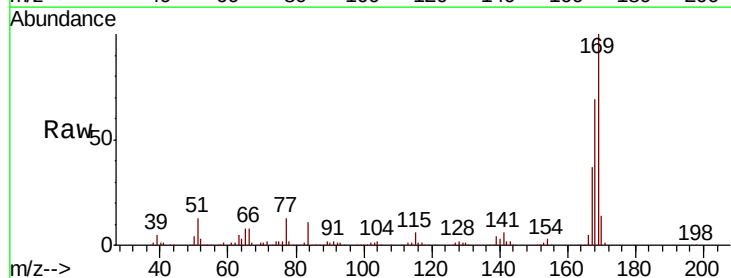
Tgt Ion:169 Resp: 410461

Ion Ratio Lower Upper

169 100

168 69.4 55.2 82.8

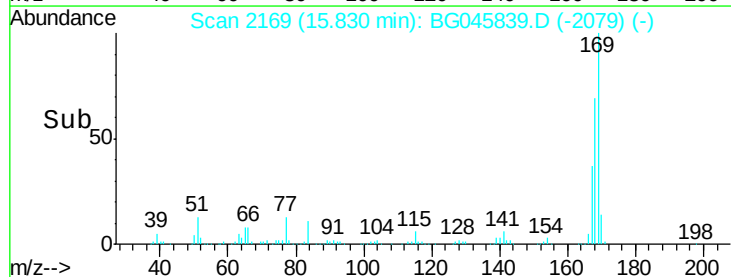
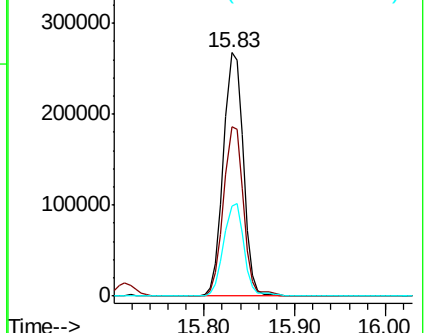
167 37.1 29.8 44.6

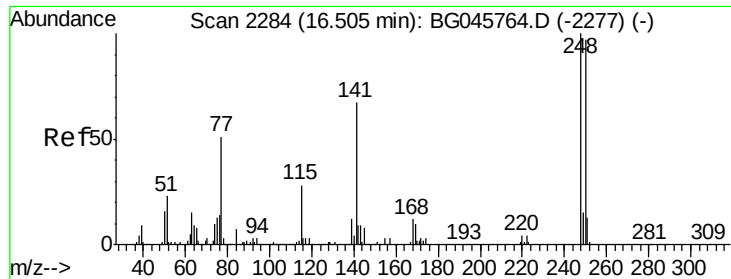


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

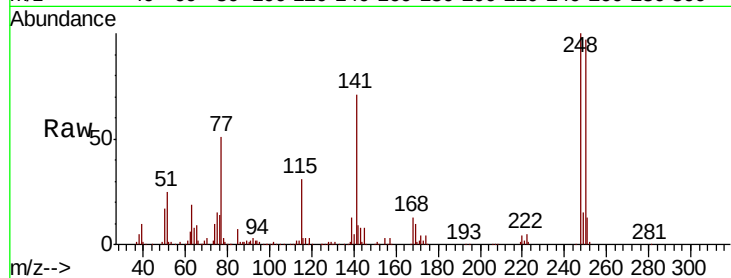




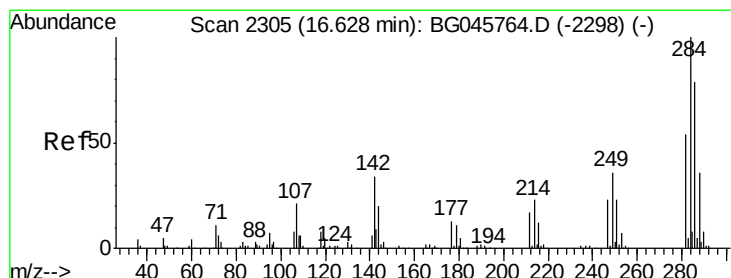
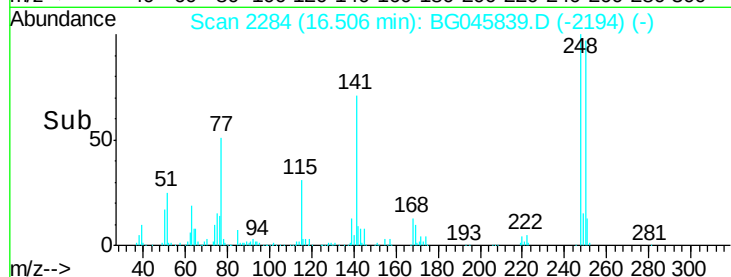
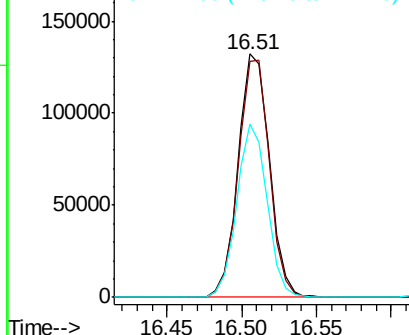
#67
4-Bromophenyl-phenylether
Concen: 43.682 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 192830
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 71.0 53.9 80.9

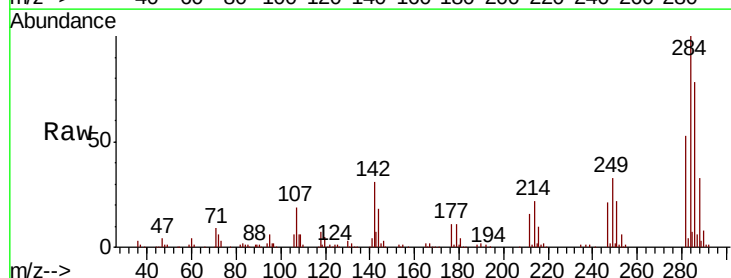


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

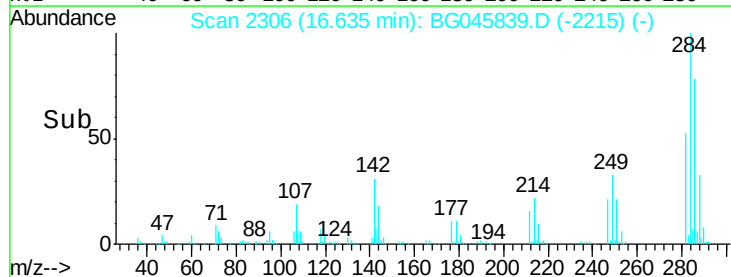
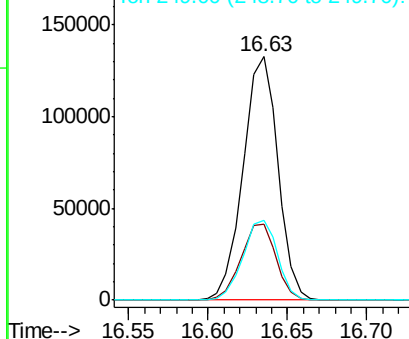


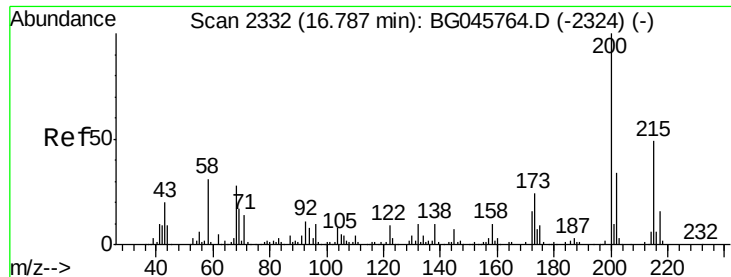
#68
Hexachlorobenzene
Concen: 44.123 ng
RT: 16.63 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:284 Resp: 201977
Ion Ratio Lower Upper
284 100
142 31.3 26.9 40.3
249 32.8 28.6 42.8



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: 41.642 ng

RT: 16.79 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

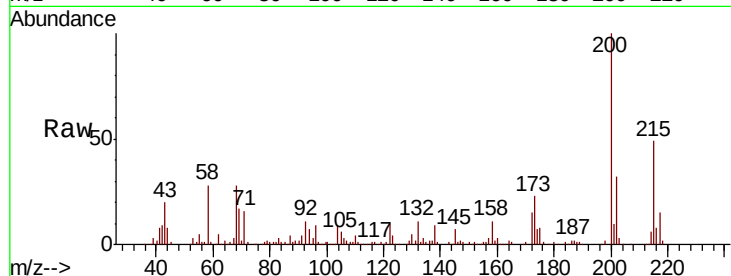
Tot Ion:200 Resp: 155494

Ion Ratio Lower Upper

200 100

173 23.3 3.9 43.9

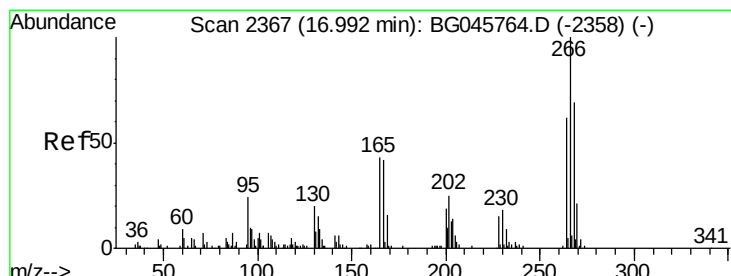
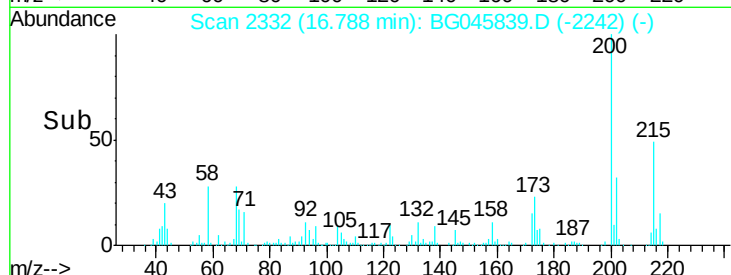
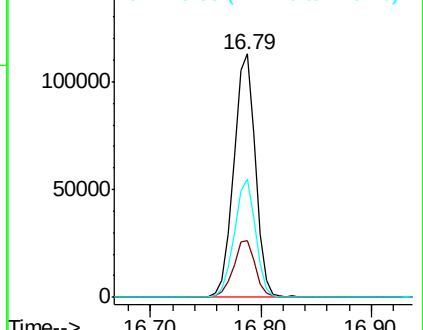
215 48.7 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.219 ng

RT: 16.99 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

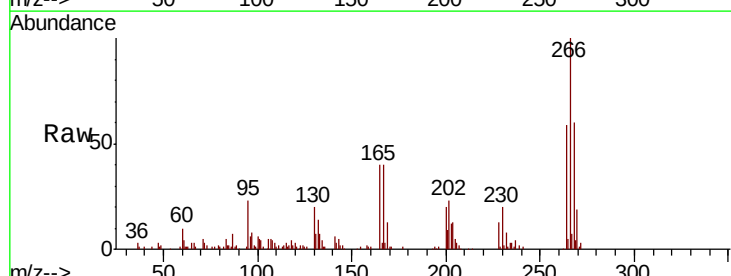
Tgt Ion:266 Resp: 73837

Ion Ratio Lower Upper

266 100

268 59.6 55.4 83.0

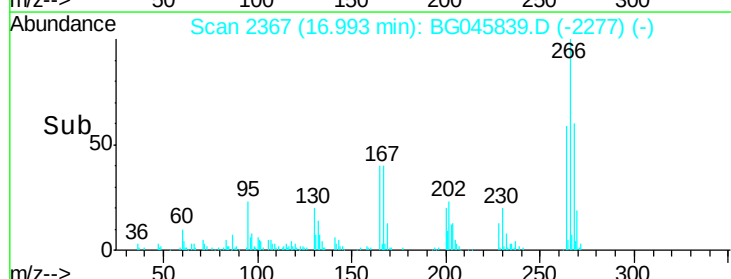
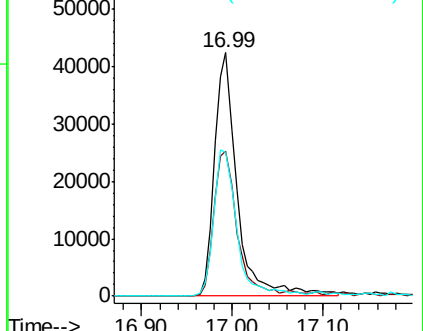
264 59.1 49.8 74.6

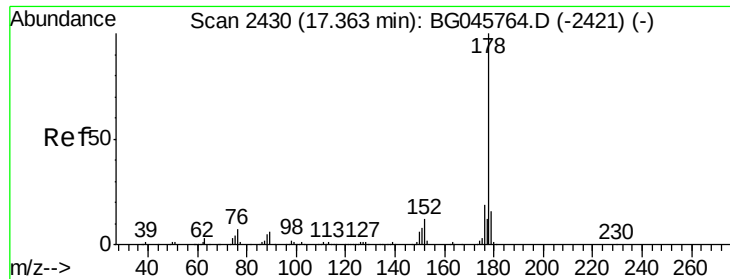


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

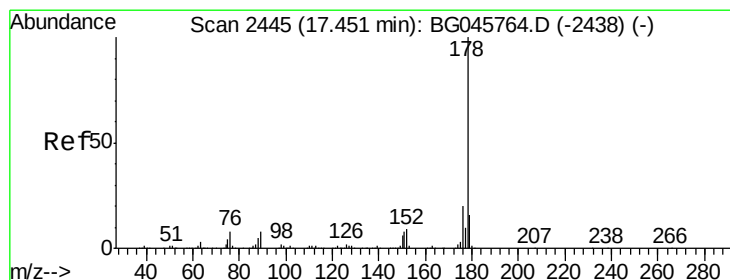
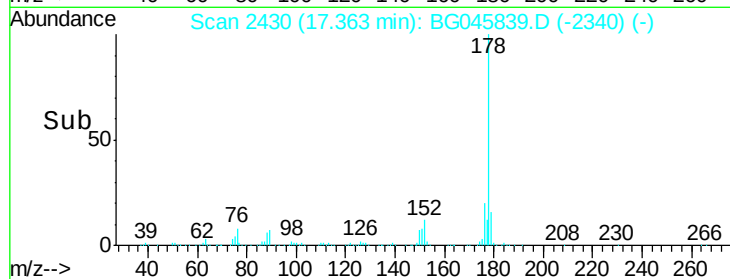
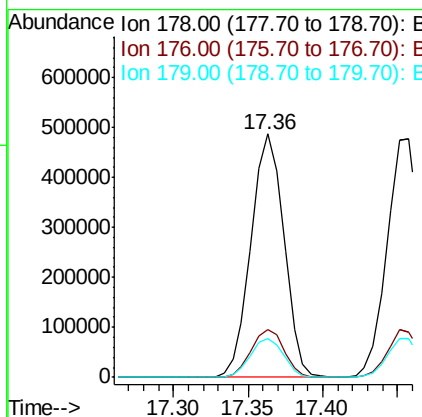
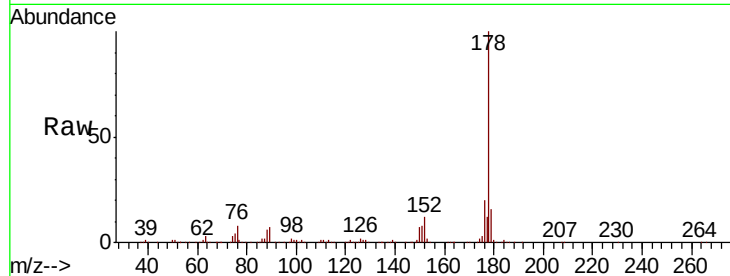




#71
Phenanthrene
Concen: 42.496 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

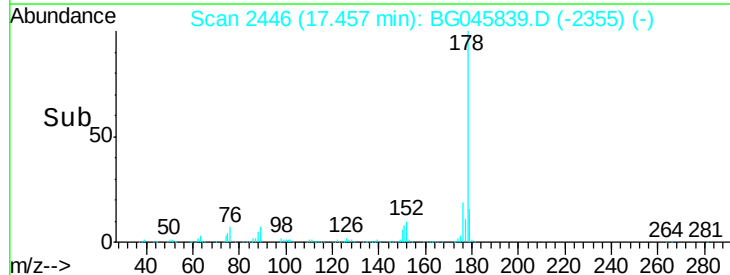
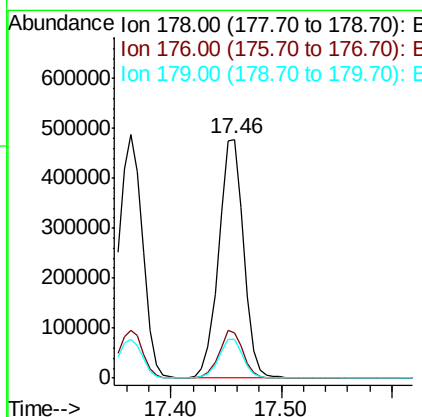
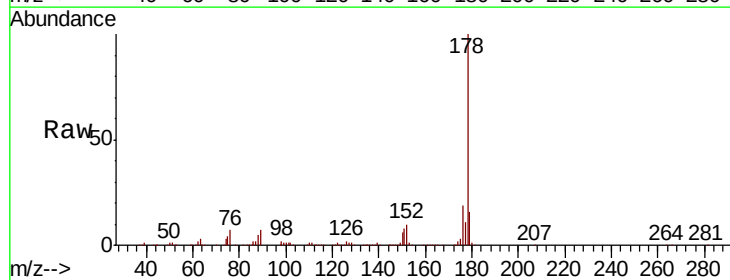
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

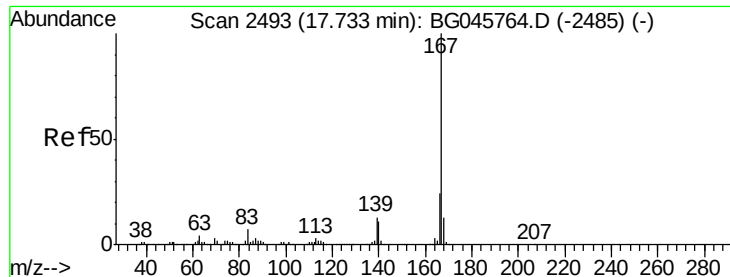
Tot Ion:178 Resp: 744607
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.1 13.2 19.8



#72
Anthracene
Concen: 42.954 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:178 Resp: 749462
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.0 13.1 19.7

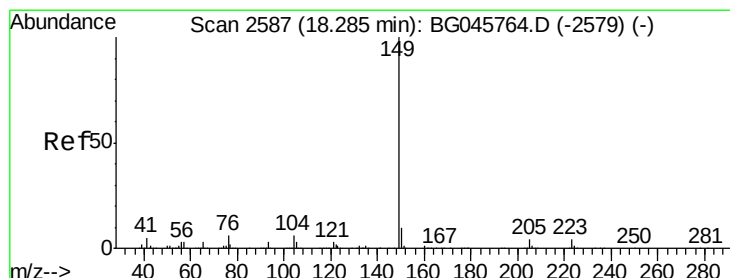
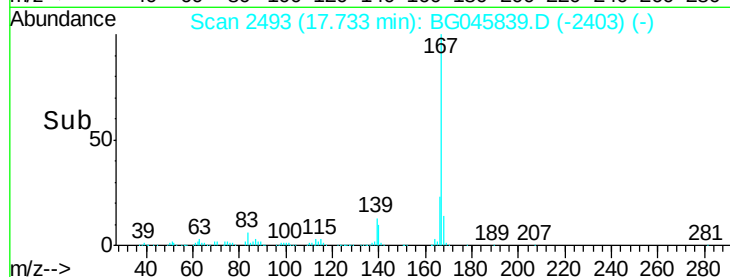
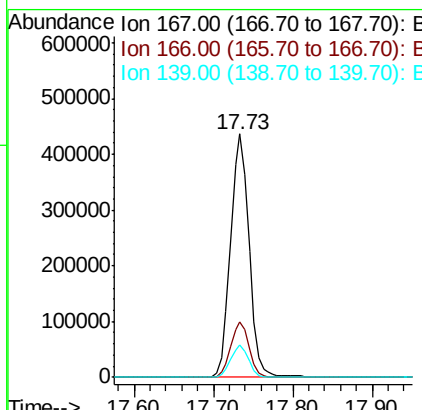
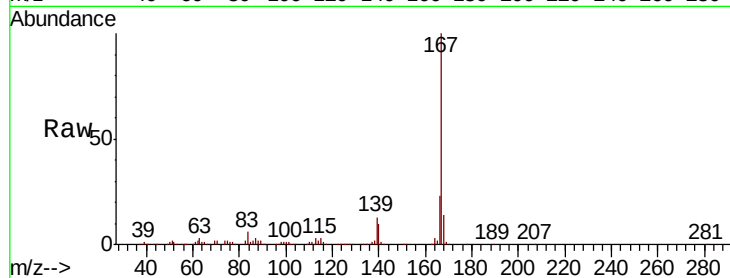




#73
 Carbazole
 Concen: 42.637 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

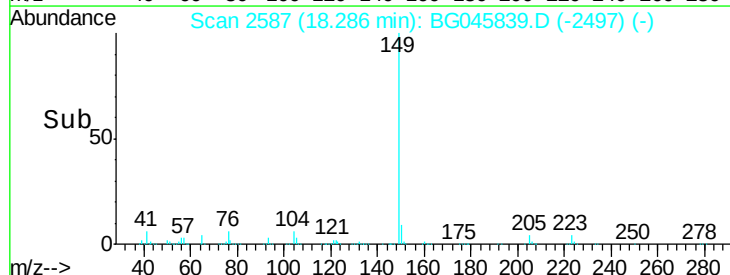
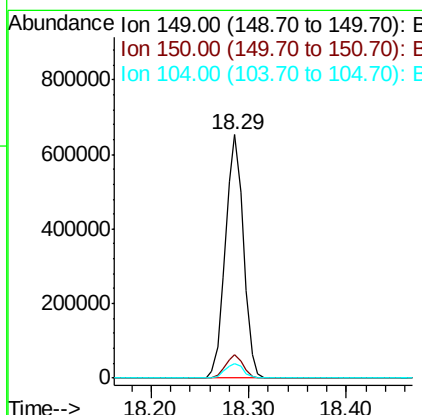
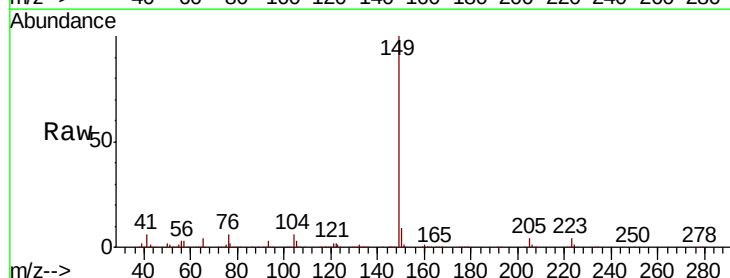
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

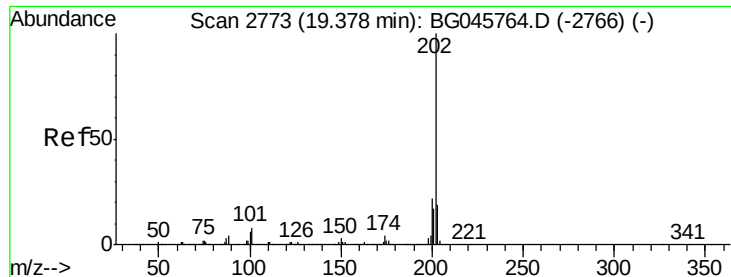
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.9	28.3
139	13.2	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 42.478 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	6.1	5.1	7.7





#75

Fluoranthene

Concen: 42.122 ng

RT: 19.38 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

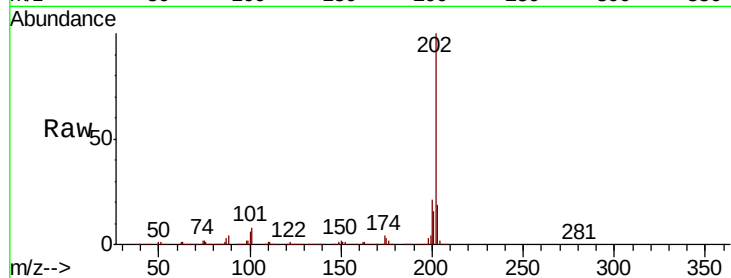
Tot Ion:202 Resp: 907543

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.7

203 18.9 0.0 38.7



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

19.38

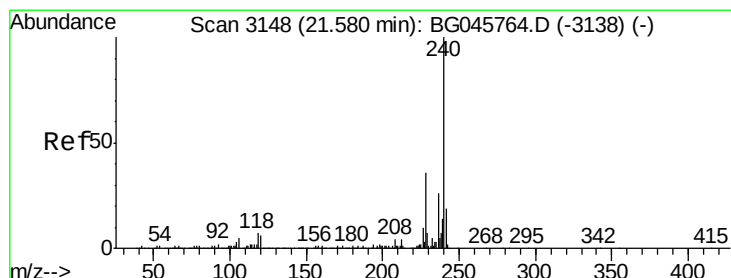
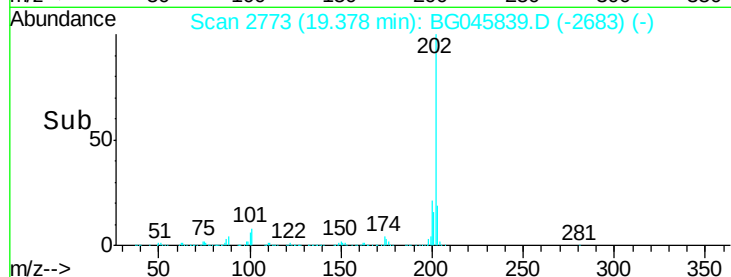
600000

400000

200000

0

Time--> 19.30 19.40 19.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

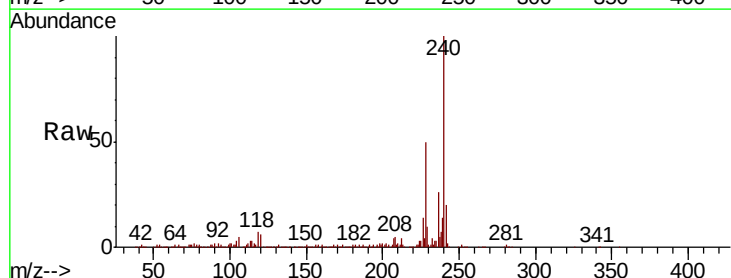
Tgt Ion:240 Resp: 319063

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

236 26.2 20.6 30.8



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

21.58

250000

200000

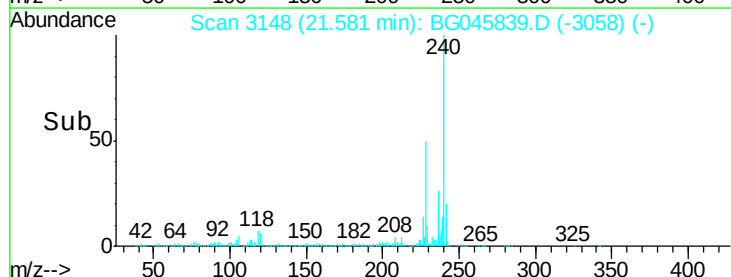
150000

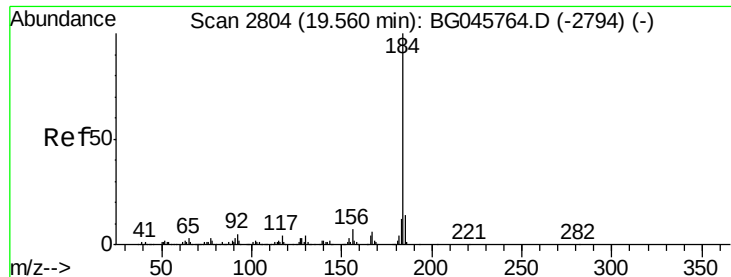
100000

50000

0

Time--> 21.50 21.60 21.70





#77

Benzidine

Concen: 31.540 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

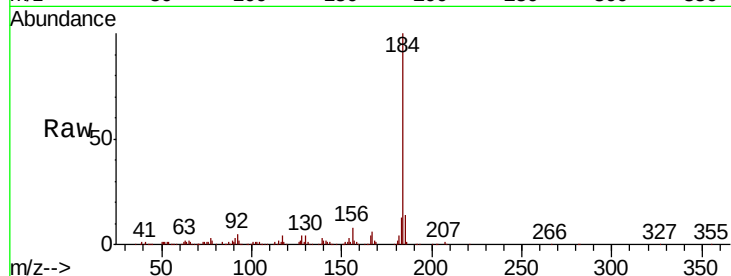
Tot Ion:184 Resp: 261617

Ion Ratio Lower Upper

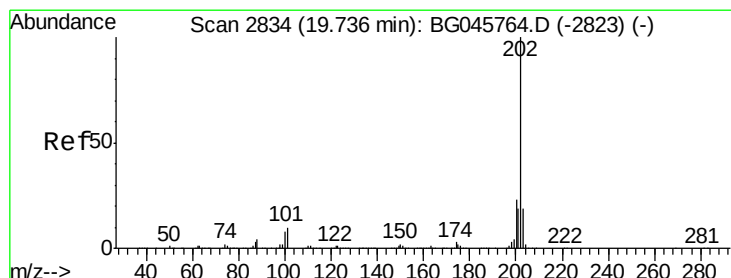
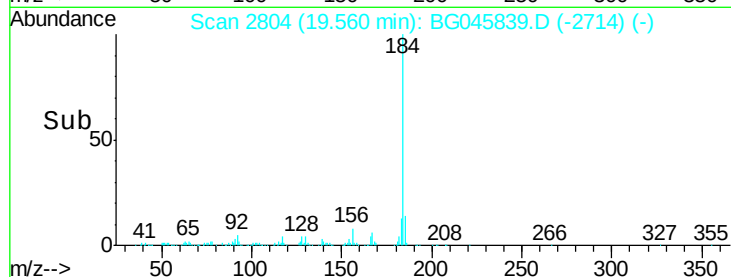
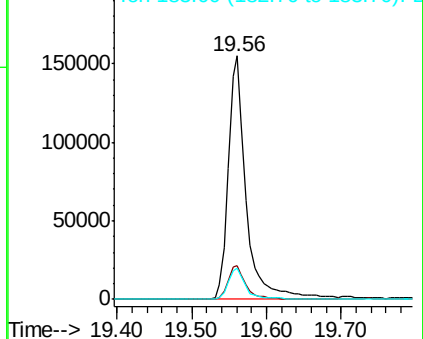
184 100

185 13.9 11.1 16.7

183 12.9 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.587 ng

RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

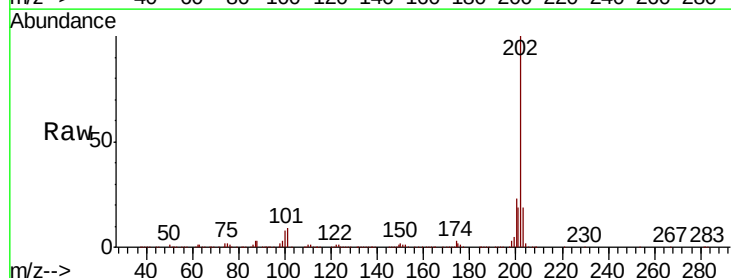
Tgt Ion:202 Resp: 909891

Ion Ratio Lower Upper

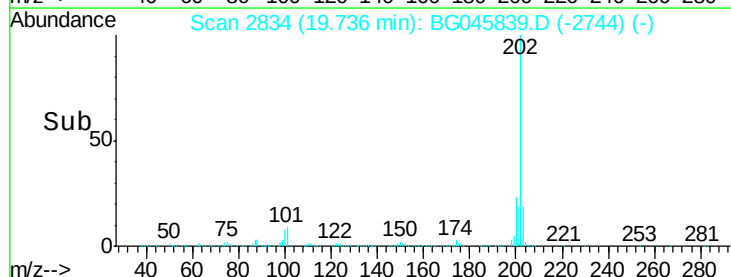
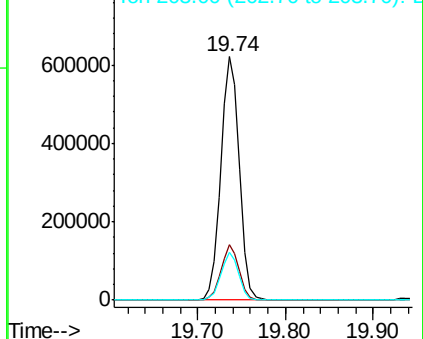
202 100

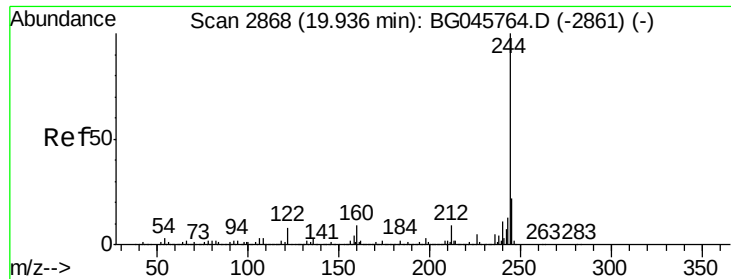
200 22.8 18.2 27.2

203 19.4 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.470 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

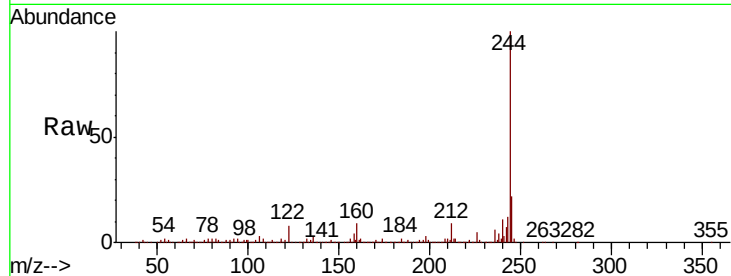
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1345629

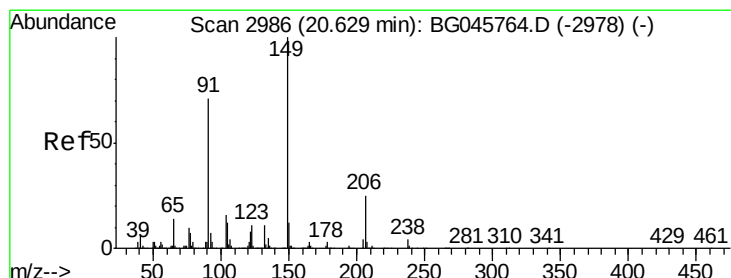
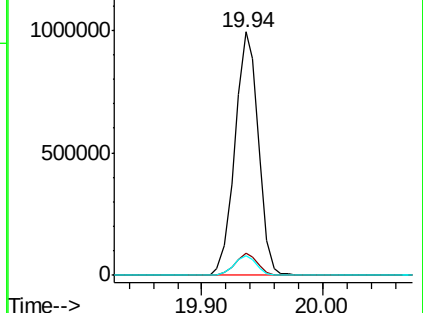
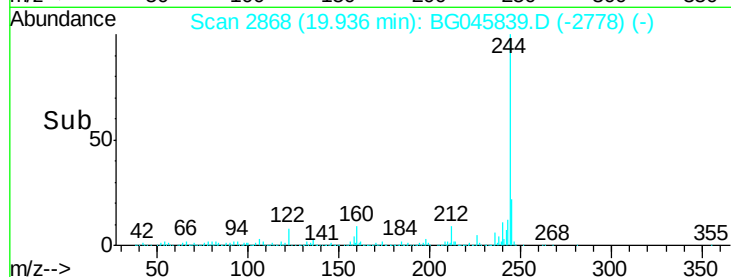
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	8.0	6.4	9.6



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: 43.485 ng

RT: 20.62 min Scan# 2985

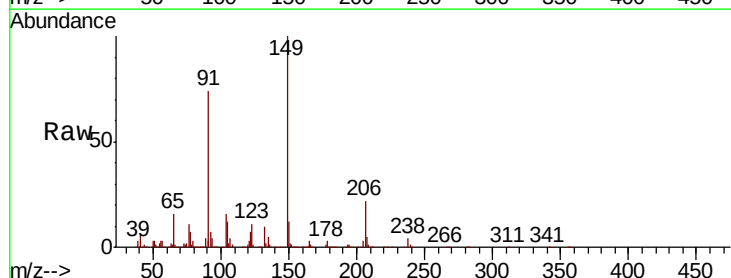
Delta R.T. -0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Tgt Ion:149 Resp: 388893

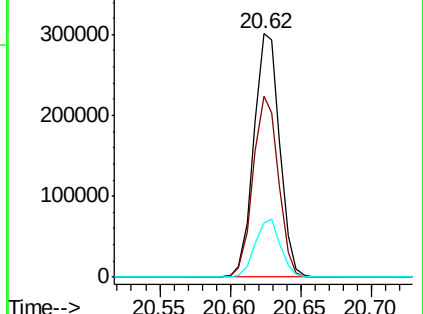
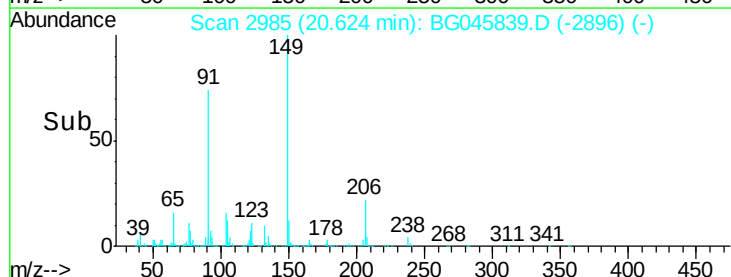
Ion	Ratio	Lower	Upper
149	100		
91	74.0	56.4	84.6
206	22.1	19.8	29.6

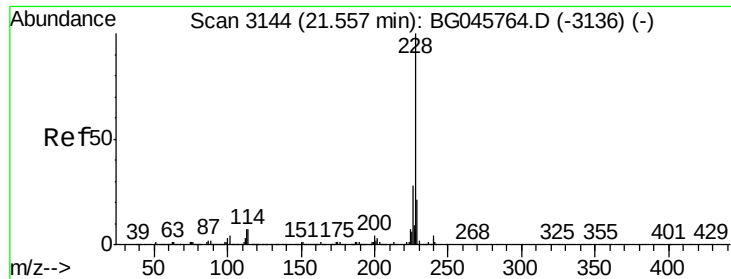


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

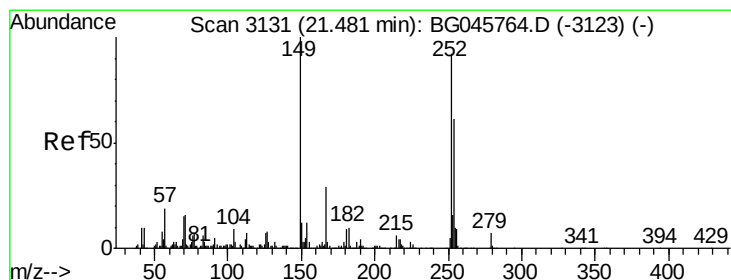
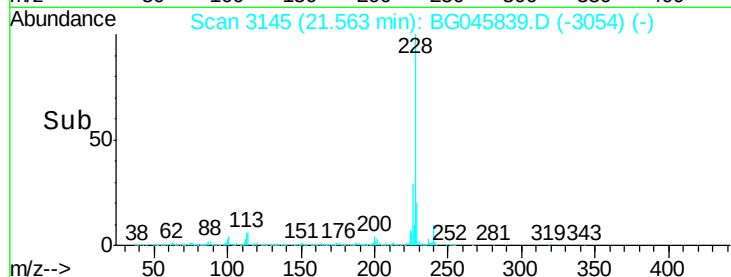
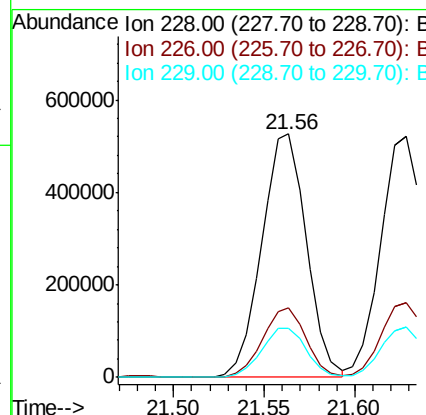
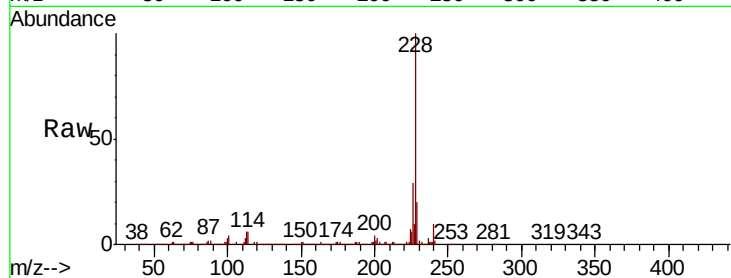




#81
Benzo(a)anthracene
Concen: 43.544 ng
RT: 21.56 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

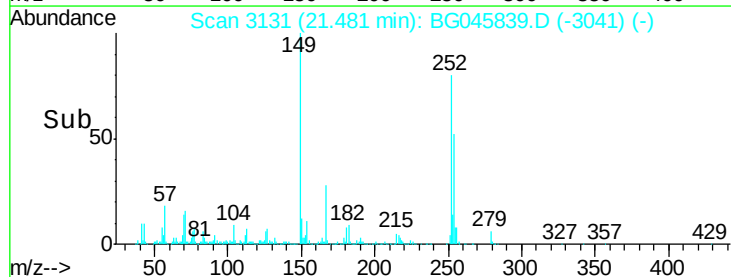
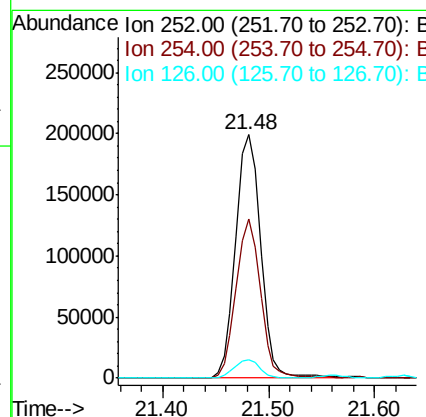
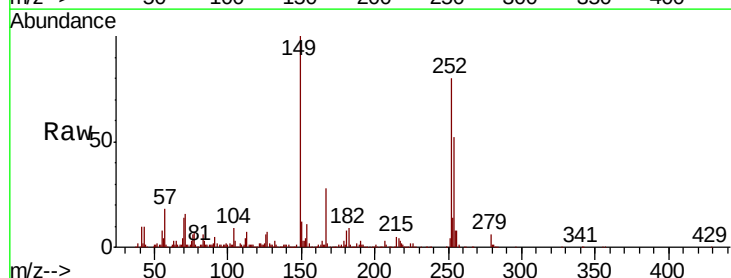
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

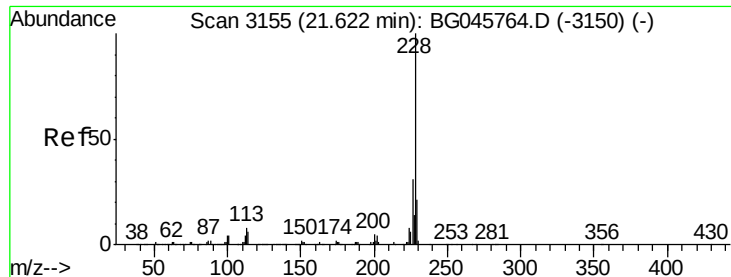
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	20.3	16.6	24.8



#82
3,3'-Dichlorobenzidine
Concen: 41.888 ng
RT: 21.48 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.4	80.0
126	7.6	5.8	8.8





#83

Chrysene

Concen: 43.015 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

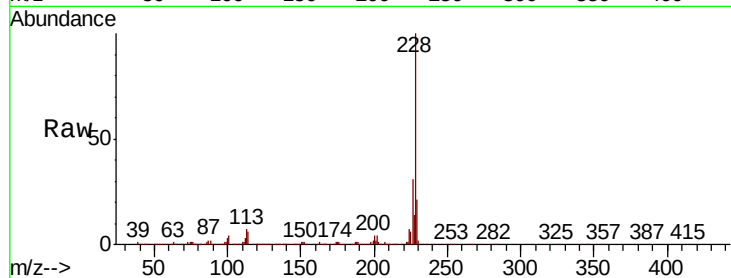
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 860640

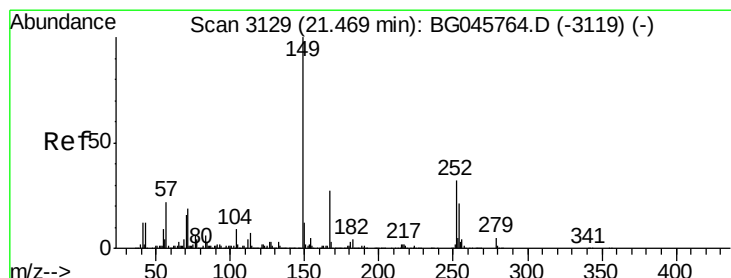
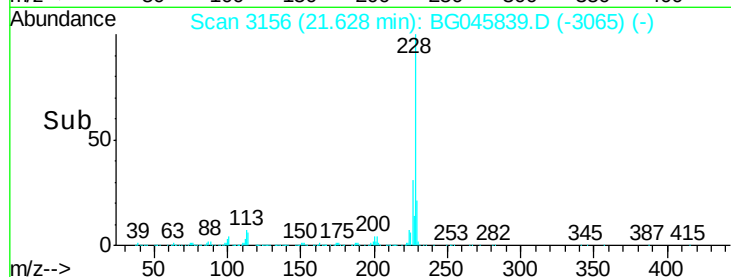
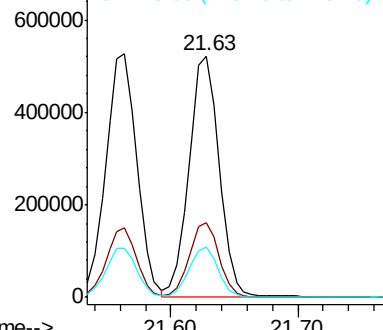
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	21.0	16.4	24.6



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: 43.343 ng

RT: 21.48 min Scan# 3130

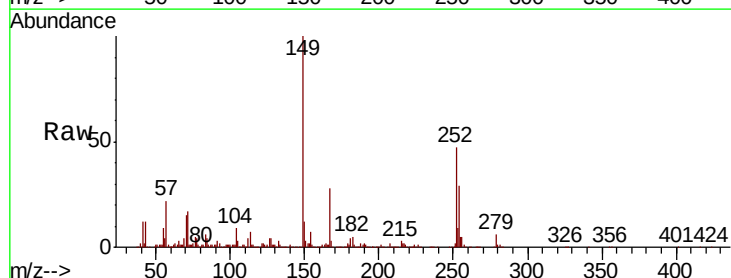
Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Tgt Ion:149 Resp: 539165

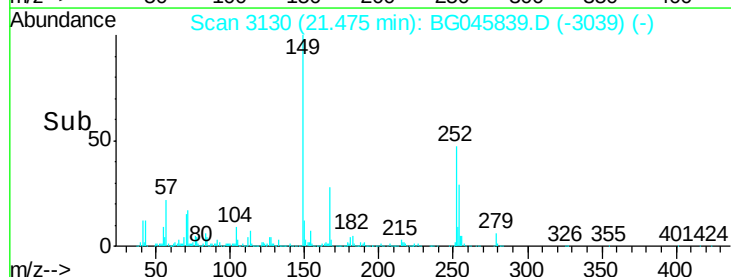
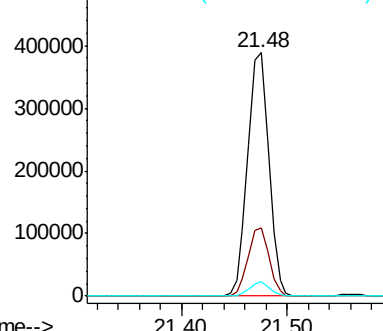
Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.3	31.9
279	5.9	3.7	5.5#

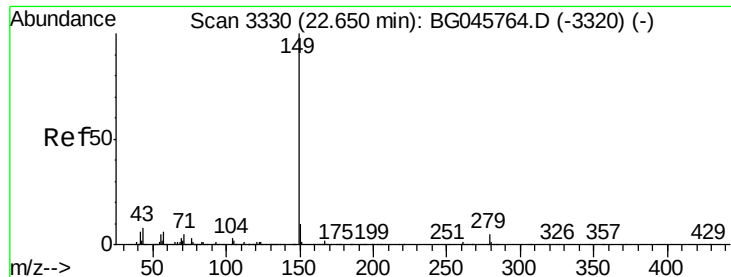


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.111 ng

RT: 22.65 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

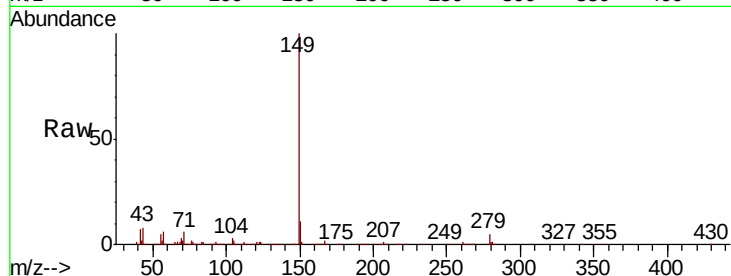
Tot Ion:149 Resp: 903586

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

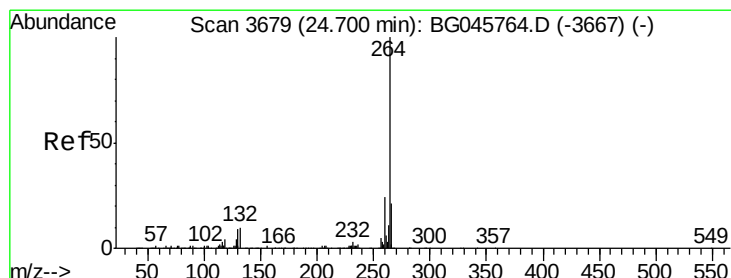
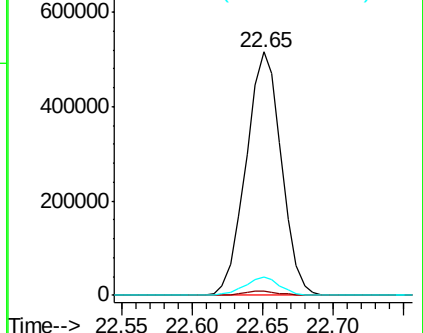
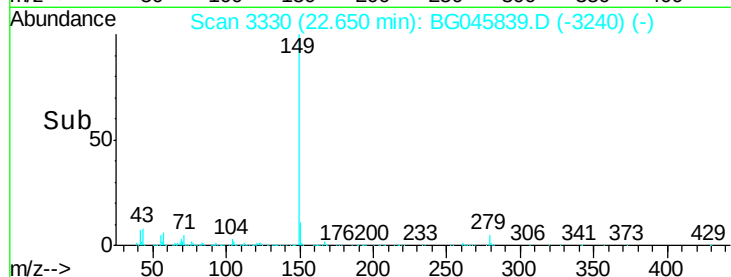
43 7.4 5.9 8.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3681

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

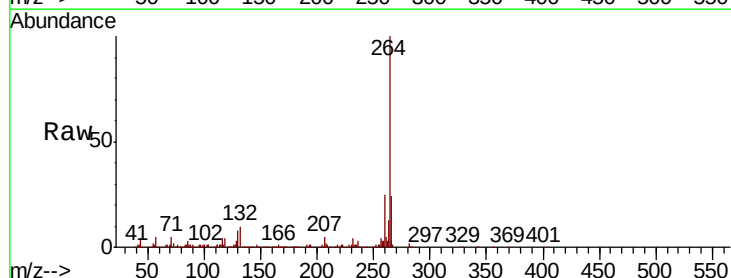
Tgt Ion:264 Resp: 346850

Ion Ratio Lower Upper

264 100

260 24.9 19.0 28.4

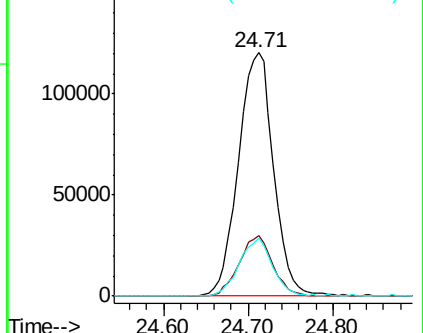
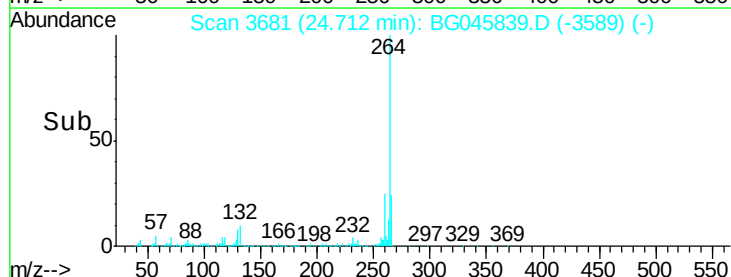
265 23.8 17.4 26.0

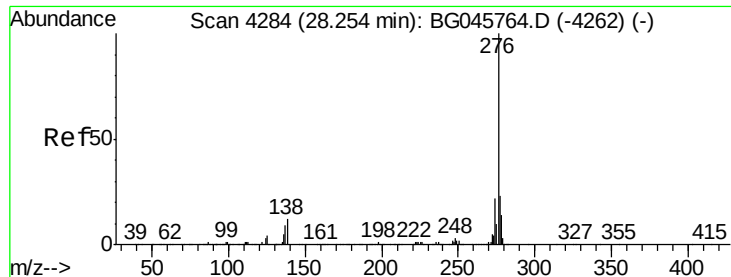


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

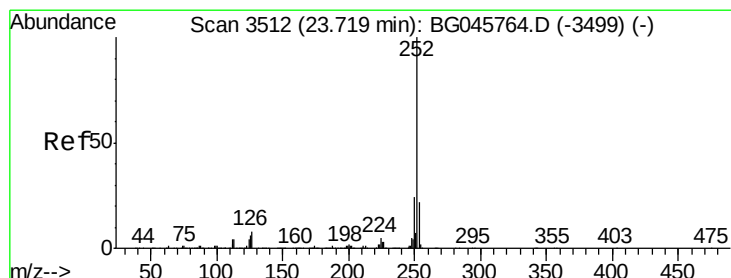
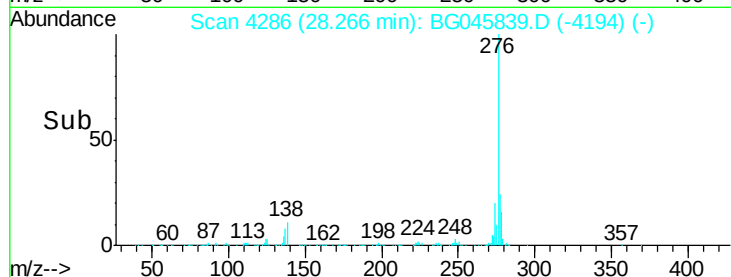
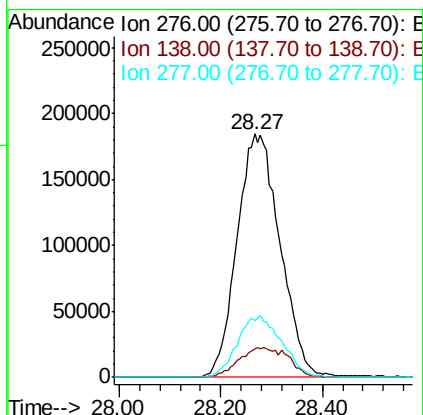
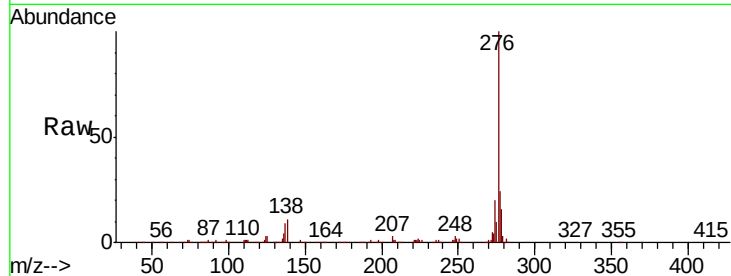




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.235 ng
 RT: 28.27 min Scan# 4286
 Delta R.T. 0.01 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

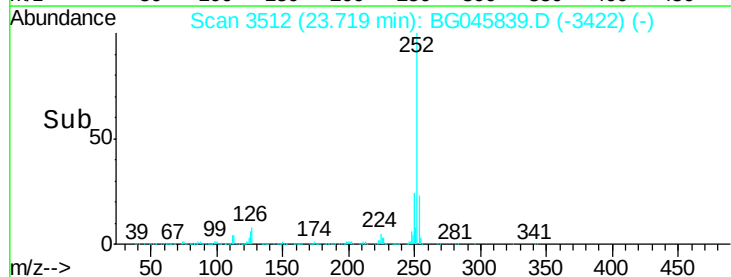
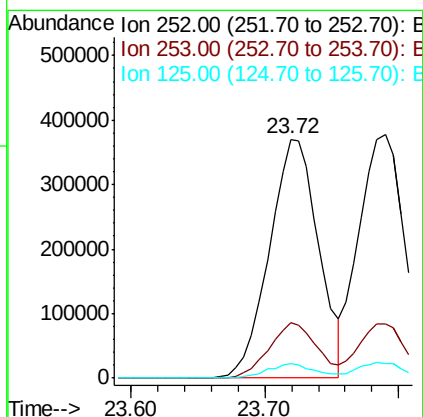
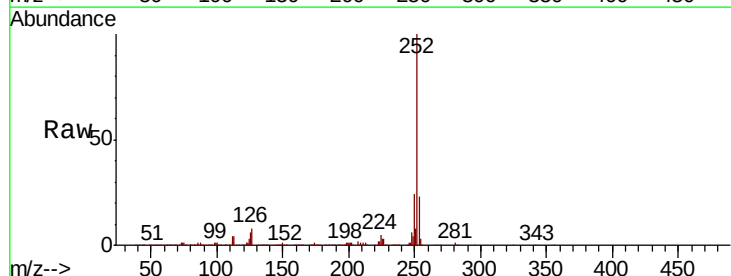
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040EC

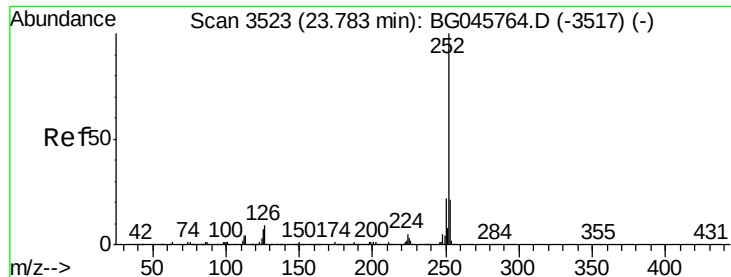
Tot Ion:276 Resp: 1087155
 Ion Ratio Lower Upper
 276 100
 138 14.0 5.4 8.0#
 277 25.9 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 43.458 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BG045839.D
 Acq: 23 Jun 2020 14:33

Tgt Ion:252 Resp: 945092
 Ion Ratio Lower Upper
 252 100
 253 23.4 17.4 26.0
 125 5.9 5.0 7.4

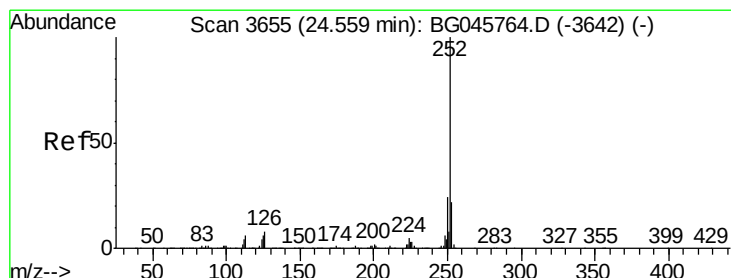
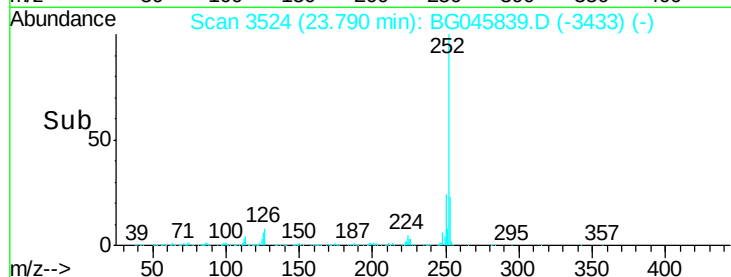
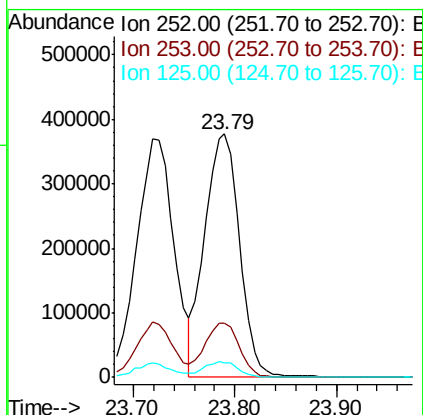
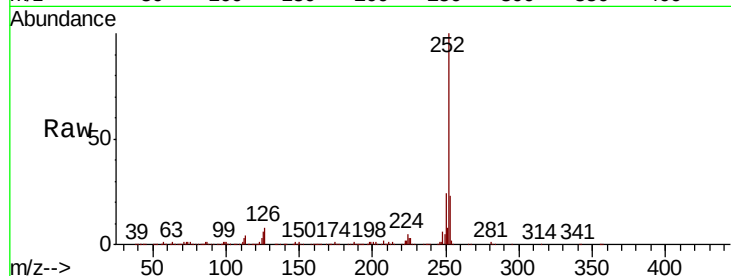




#89
Benzo(k)fluoranthene
Concen: 42.962 ng
RT: 23.79 min Scan# 3524
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

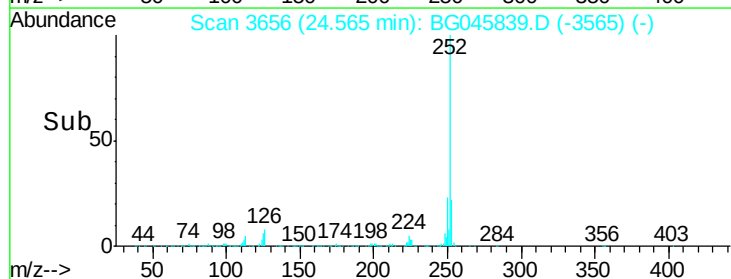
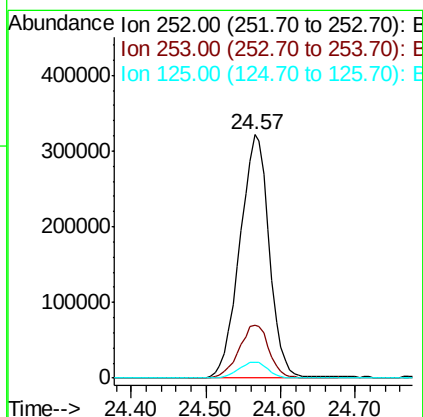
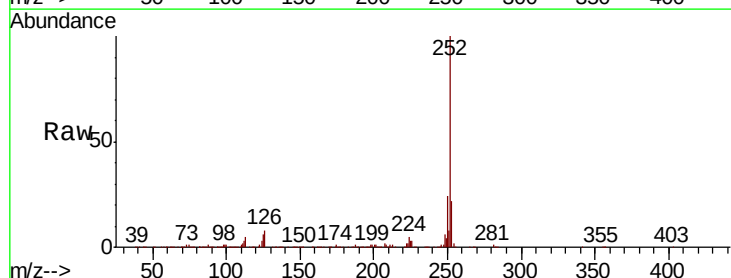
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

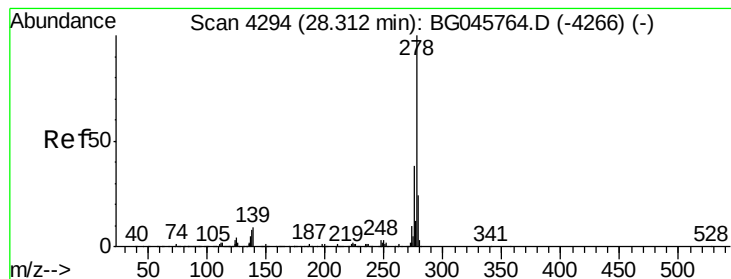
Tot Ion:252 Resp: 894213
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 5.8 5.2 7.8



#90
Benzo(a)pyrene
Concen: 43.255 ng
RT: 24.57 min Scan# 3656
Delta R.T. 0.01 min
Lab File: BG045839.D
Acq: 23 Jun 2020 14:33

Tgt Ion:252 Resp: 878726
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 6.3 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.736 ng

RT: 28.32 min Scan# 4296

Delta R.T. 0.01 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

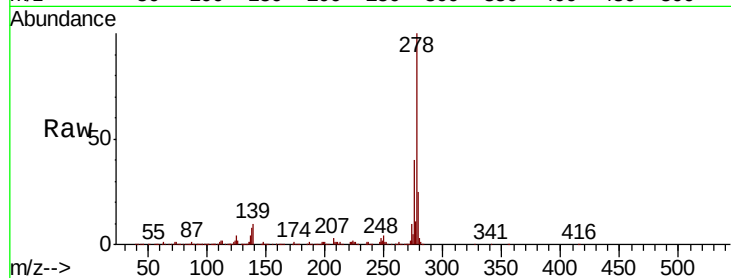
Tot Ion:278 Resp: 881899

Ion Ratio Lower Upper

278 100

139 10.2 7.3 10.9

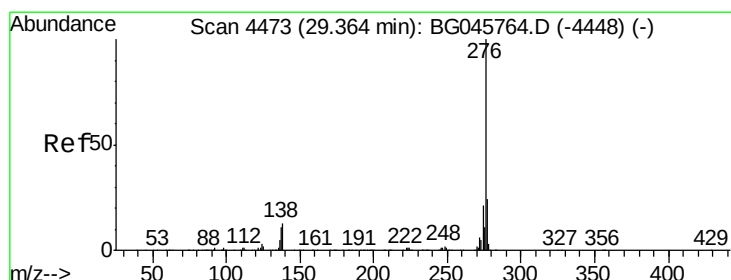
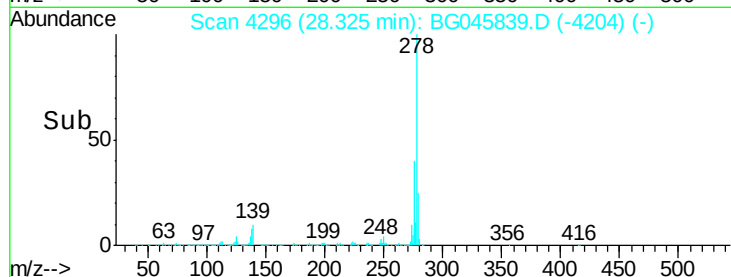
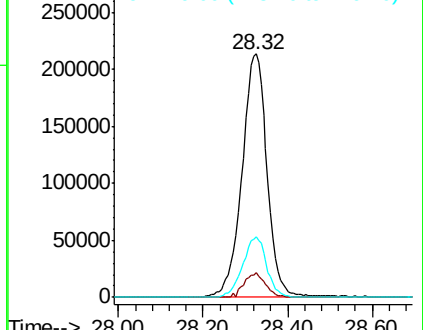
279 24.7 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.156 ng

RT: 29.38 min Scan# 4476

Delta R.T. 0.02 min

Lab File: BG045839.D

Acq: 23 Jun 2020 14:33

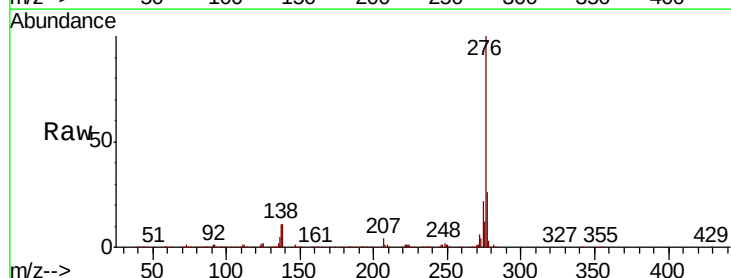
Tgt Ion:276 Resp: 870991

Ion Ratio Lower Upper

276 100

277 25.7 19.2 28.8

138 11.4 10.6 15.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

