

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045399.D
 Acq On : 15 May 2020 16:31
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Quant Time: May 15 17:06:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	71727	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	274139	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	190326	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	439355	20.00	ng	0.00
76) Chrysene-d12	21.62	240	420810	20.00	ng	0.00
87) Perylene-d12	24.78	264	472448	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	290389	79.12	ng	0.00
7) Phenol-d6	7.14	99	416539	79.74	ng	0.00
23) Nitrobenzene-d5	9.13	82	407566	81.07	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	188408	77.41	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	911013	81.19	ng	0.00
79) Terphenyl-d14	19.98	244	1505983	83.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	70024	38.474	ng	98
3) Pyridine	3.82	79	202488	39.947	ng	97
4) n-Nitrosodimethylamine	3.73	42	63044	38.008	ng	100
6) Aniline	7.29	93	268258	39.338	ng	98
8) 2-Chlorophenol	7.54	128	158889	39.477	ng	98
9) Benzaldehyde	7.10	77	141875	41.686	ng	97
10) Phenol	7.17	94	214835	39.904	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	167217	39.819	ng	97
12) 1,3-Dichlorobenzene	7.86	146	191659	39.626	ng	97
13) 1,4-Dichlorobenzene	8.01	146	189356	39.671	ng	97
14) 1,2-Dichlorobenzene	8.33	146	179559	39.112	ng	96
15) Benzyl Alcohol	8.21	79	169069	39.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	155787	39.082	ng	96
17) 2-Methylphenol	8.42	107	159328	39.538	ng	98
18) Hexachloroethane	9.06	117	71698	39.220	ng	94
19) n-Nitroso-di-n-propylamine	8.78	70	145406	40.253	ng	98
20) 3+4-Methylphenols	8.75	107	222202	40.492	ng	96
22) Acetophenone	8.79	105	265502	40.863	ng	97
24) Nitrobenzene	9.17	77	217501	40.382	ng	99
25) Isophorone	9.70	82	401379	40.542	ng	99
26) 2-Nitrophenol	9.89	139	97279	42.221	ng	92
27) 2,4-Dimethylphenol	9.95	122	139095	40.703	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	215138	41.436	ng	98
29) 2,4-Dichlorophenol	10.43	162	168240	41.691	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	193719	40.625	ng	97
31) Naphthalene	10.83	128	515279	40.336	ng	98
32) Benzoic acid	10.10	122	84189	38.682	ng	92
33) 4-Chloroaniline	10.93	127	221743	41.526	ng	99
34) Hexachlorobutadiene	11.12	225	136647	40.540	ng	98
35) Caprolactam	11.70	113	57177	38.602	ng	85
36) 4-Chloro-3-methylphenol	12.07	107	182913	40.225	ng	96
37) 2-Methylnaphthalene	12.43	142	387818	40.731	ng	96
38) 1-Methylnaphthalene	12.66	142	356097	39.592	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	215679	40.571	ng	99

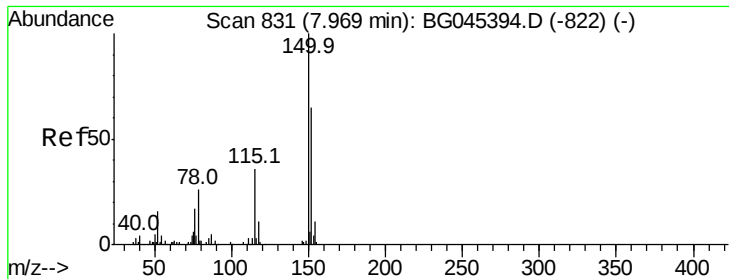
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	126632	41.270	ng	98
43) 2,4,6-Trichlorophenol	13.05	196	147237	39.870	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	170480	40.398	ng	99
46) 1,1'-Biphenyl	13.45	154	470475	40.230	ng	98
47) 2-Chloronaphthalene	13.49	162	376906	39.689	ng	98
48) 2-Nitroaniline	13.69	65	124323	39.798	ng	97
49) Acenaphthylene	14.33	152	606349	39.751	ng	98
50) Dimethylphthalate	14.07	163	509312	39.009	ng	100
51) 2,6-Dinitrotoluene	14.18	165	116390	39.506	ng	95
52) Acenaphthene	14.68	154	369783	36.216	ng	97
53) 3-Nitroaniline	14.51	138	119114	39.772	ng	# 92
54) 2,4-Dinitrophenol	14.72	184	68459	38.511	ng	97
55) Dibenzofuran	15.01	168	592151	39.053	ng	97
56) 4-Nitrophenol	14.83	139	87949	38.788	ng	94
57) 2,4-Dinitrotoluene	14.97	165	168530	39.498	ng	100
58) Fluorene	15.67	166	495907	39.809	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	144832	39.010	ng	97
60) Diethylphthalate	15.43	149	518881	38.183	ng	98
61) 4-Chlorophenyl-phenylether	15.65	204	279947	39.272	ng	98
62) 4-Nitroaniline	15.68	138	119260	38.144	ng	99
63) Azobenzene	15.95	77	493725	38.964	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	104709	40.921	ng	98
66) n-Nitrosodiphenylamine	15.87	169	433972	41.139	ng	98
67) 4-Bromophenyl-phenylether	16.55	248	195405	41.073	ng	96
68) Hexachlorobenzene	16.68	284	203242	40.845	ng	97
69) Atrazine	16.82	200	176349	40.587	ng	98
70) Pentachlorophenol	17.02	266	109842	42.513	ng	96
71) Phenanthrene	17.40	178	782072	40.775	ng	99
72) Anthracene	17.49	178	780526	40.523	ng	99
73) Carbazole	17.76	167	763961	40.690	ng	100
74) Di-n-butylphthalate	18.33	149	903444	40.091	ng	100
75) Fluoranthene	19.41	202	982474	40.272	ng	99
77) Benzidine	19.59	184	474355	40.136	ng	98
78) Pyrene	19.78	202	991877	41.349	ng	99
80) Butylbenzylphthalate	20.66	149	416485	40.225	ng	100
81) Benzo(a)anthracene	21.60	228	950133	40.531	ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	375296	40.814	ng	99
83) Chrysene	21.67	228	920715	40.847	ng	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	581071	40.826	ng	99
85) Di-n-octyl phthalate	22.71	149	1015136	41.527	ng	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1201579	40.765	ng	99
88) Benzo(b)fluoranthene	23.78	252	1040561	41.067	ng	99
89) Benzo(k)fluoranthene	23.85	252	974067	40.919	ng	99
90) Benzo(a)pyrene	24.64	252	966038	40.937	ng	# 95
91) Dibenzo(a,h)anthracene	28.44	278	960797	40.517	ng	98
92) Benzo(g,h,i)perylene	29.49	276	961415	40.538	ng	98

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

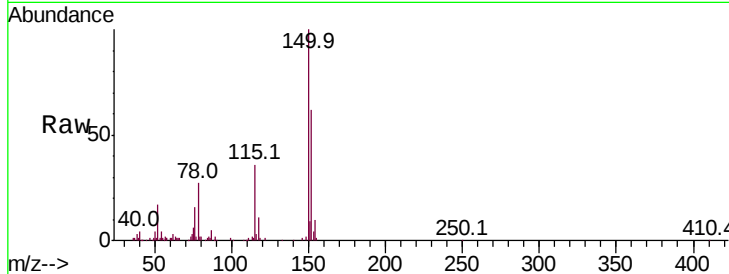


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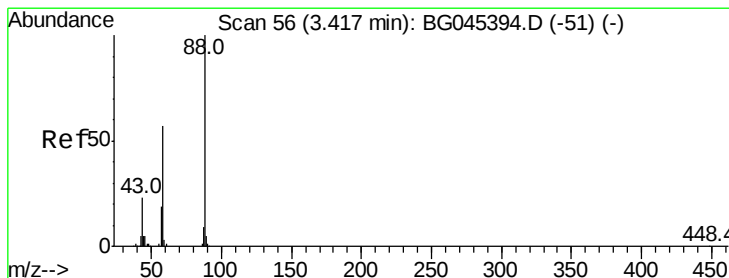
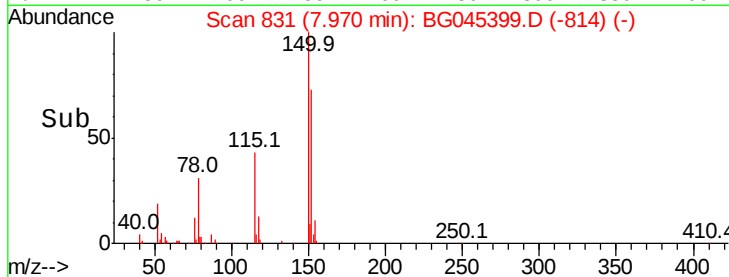
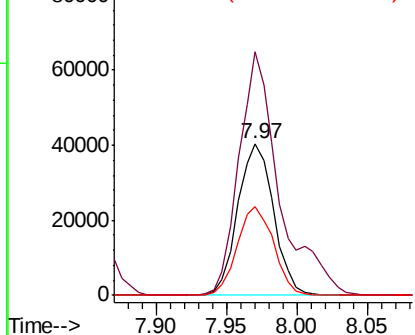
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion:152 Resp: 71727
Ion Ratio Lower Upper
152 100
150 160.2 122.4 183.6
115 58.4 44.2 66.4



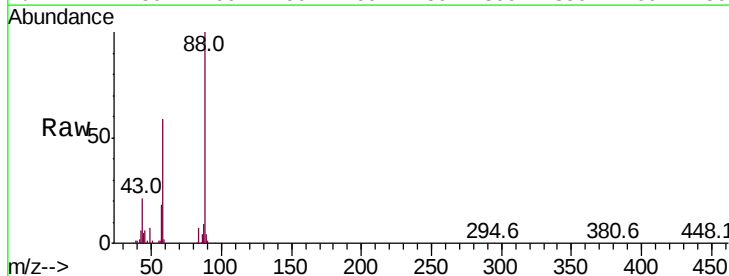
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



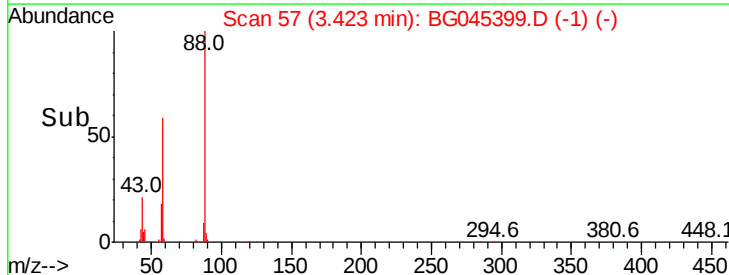
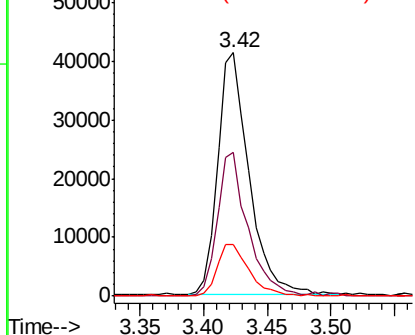
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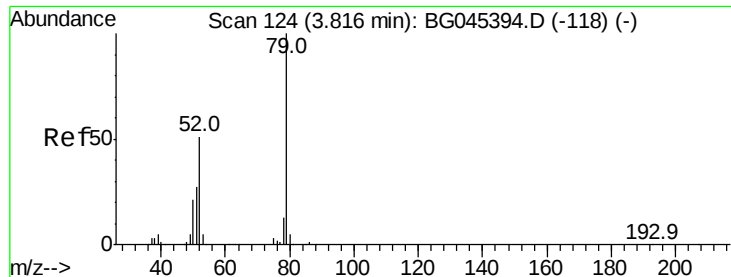
1,4-Dioxane
Concen: 38.474 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion: 88 Resp: 70024
Ion Ratio Lower Upper
88 100
58 58.3 45.7 68.5
43 22.3 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.947 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

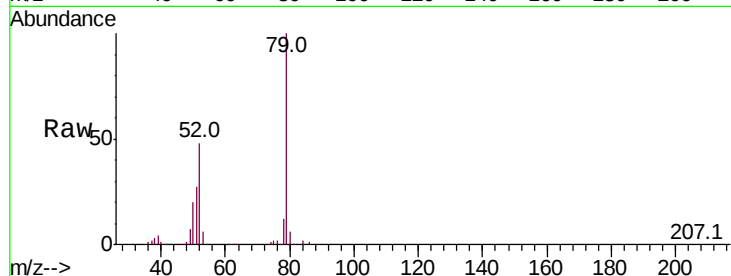
Tot Ion: 79 Resp: 202488

Ion Ratio Lower Upper

79 100

52 47.9 40.8 61.2

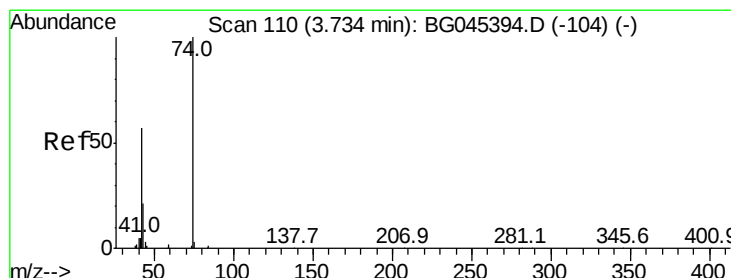
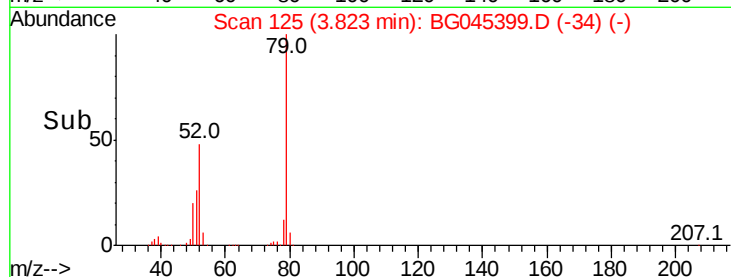
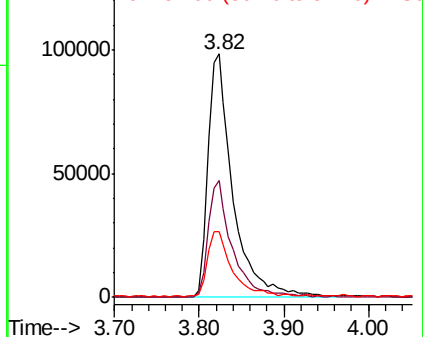
51 27.1 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.008 ng

RT: 3.73 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

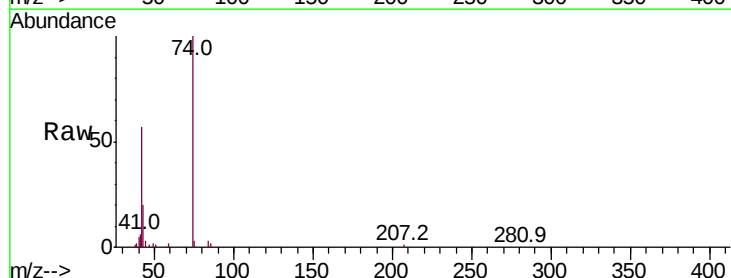
Tgt Ion: 42 Resp: 63044

Ion Ratio Lower Upper

42 100

74 176.9 141.3 211.9

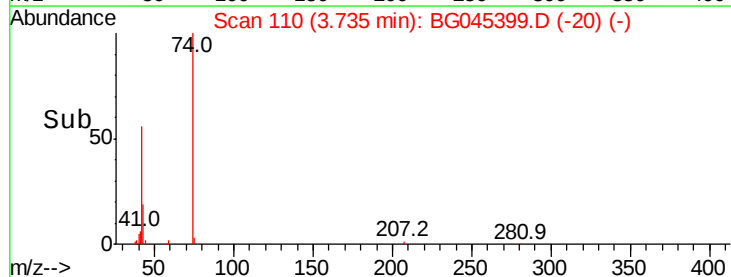
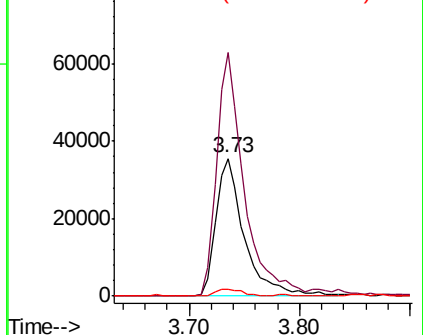
44 5.4 4.2 6.4

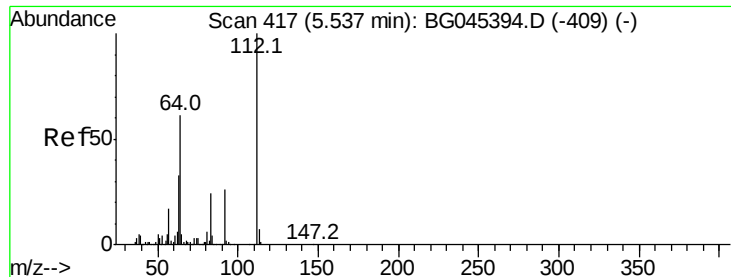


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 79.120 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

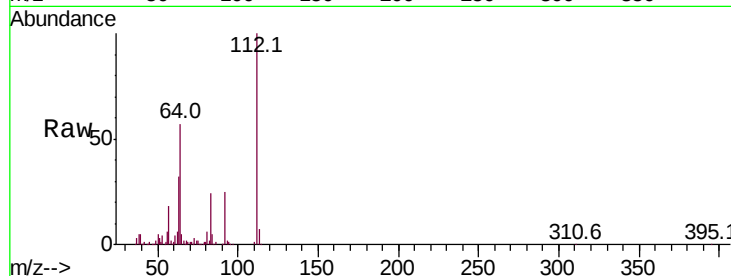
Tot Ion:112 Resp: 290389

Ion Ratio Lower Upper

112 100

64 56.8 48.6 72.8

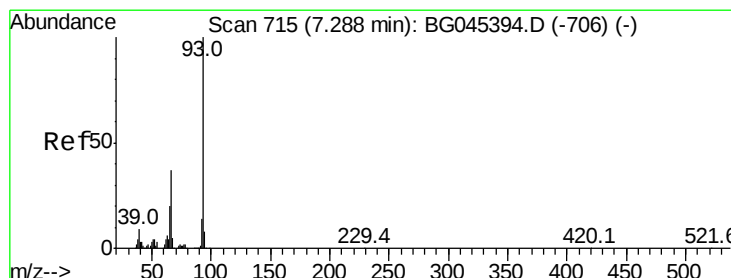
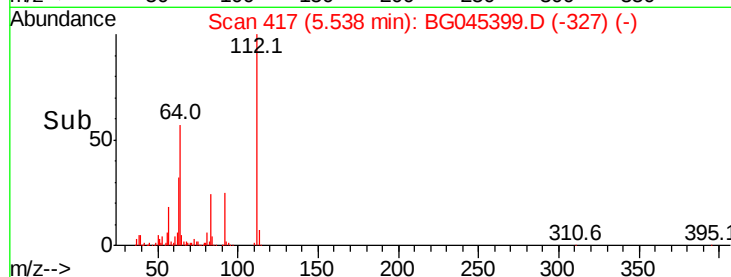
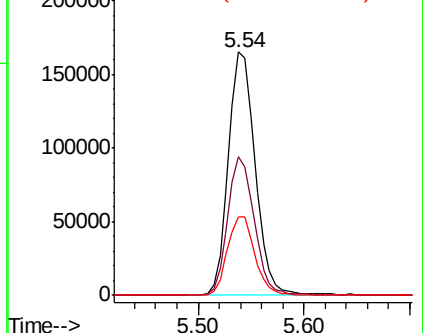
63 32.0 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.338 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

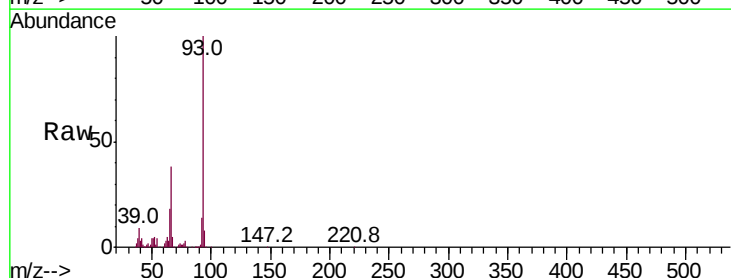
Tgt Ion: 93 Resp: 268258

Ion Ratio Lower Upper

93 100

66 37.6 29.6 44.4

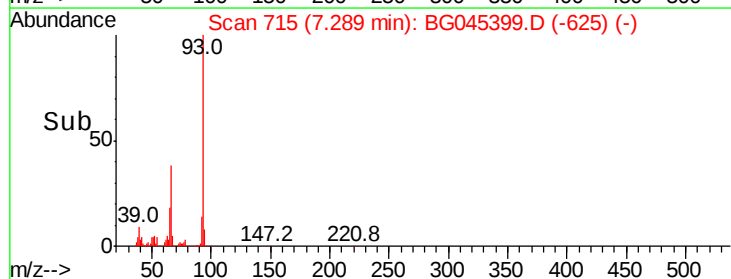
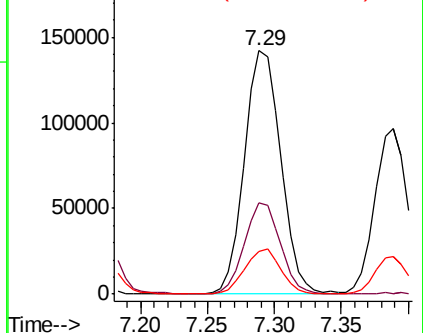
65 17.7 15.9 23.9

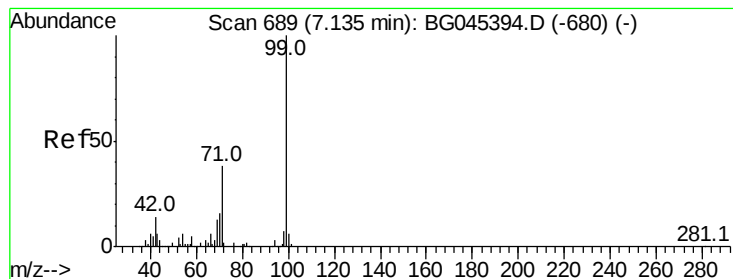


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.738 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

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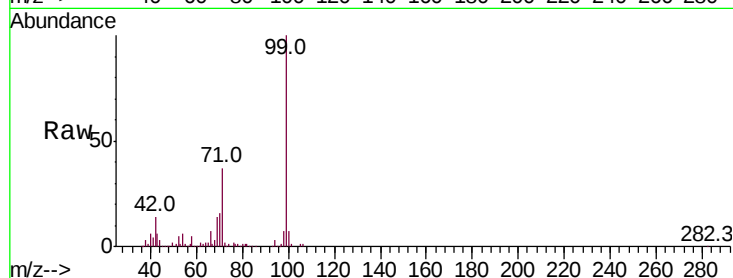
Tot Ion: 99 Resp: 416539

Ion Ratio Lower Upper

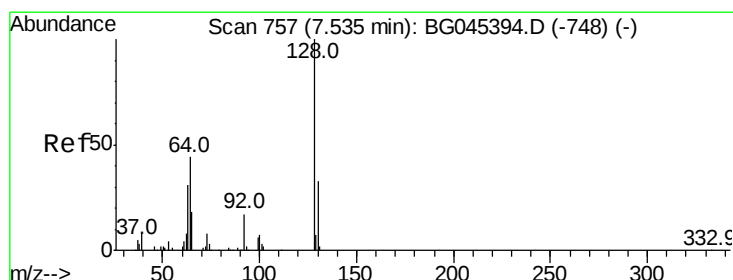
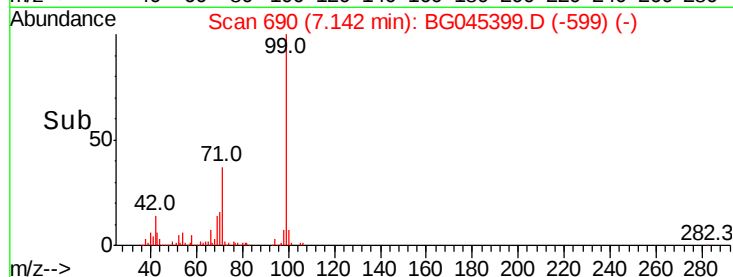
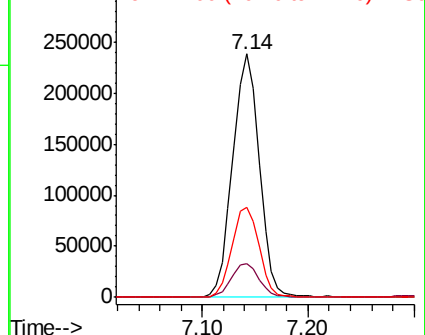
99 100

42 13.9 11.3 16.9

71 36.9 30.8 46.2



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



#8

2-Chlorophenol

Concen: 39.477 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

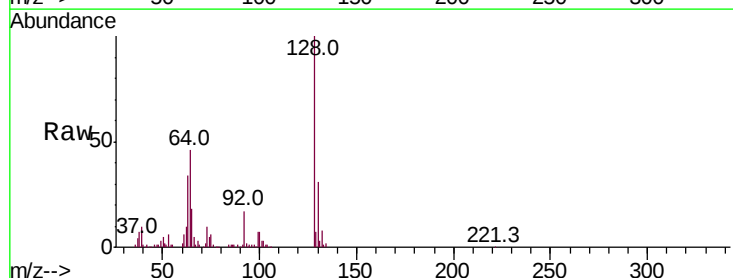
Tgt Ion: 128 Resp: 158889

Ion Ratio Lower Upper

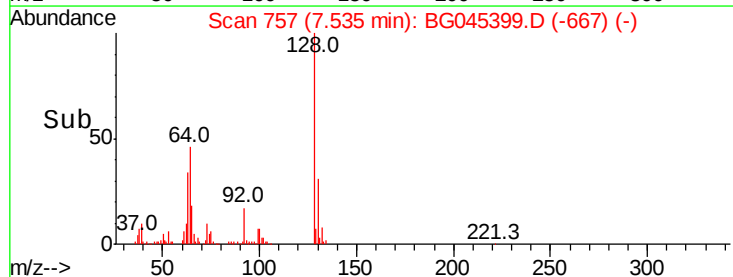
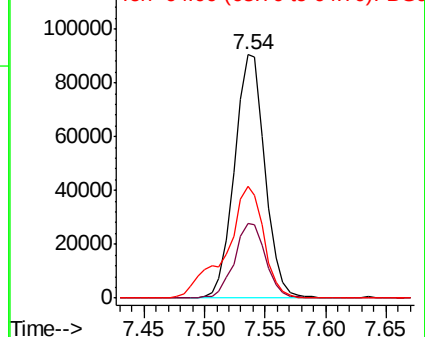
128 100

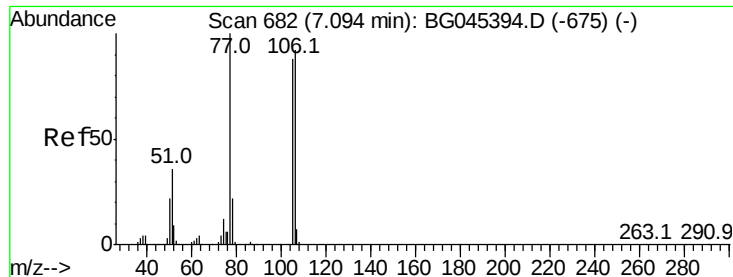
130 30.6 12.6 52.6

64 45.9 27.0 67.0



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





#9

Benzaldehyde

Concen: 41.686 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

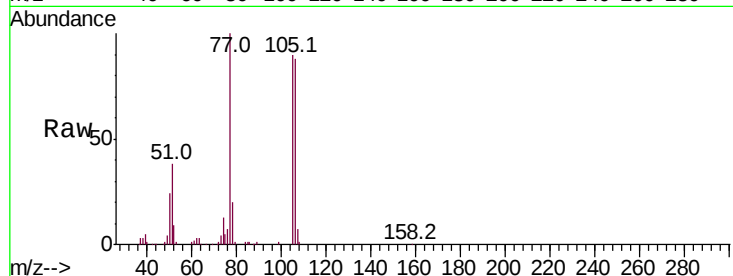
Tot Ion: 77 Resp: 141875

Ion Ratio Lower Upper

77 100

105 90.0 68.5 108.5

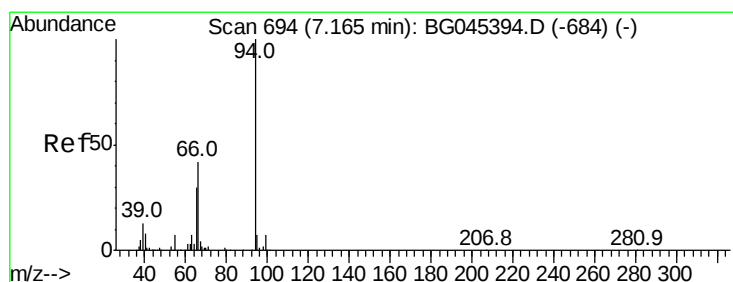
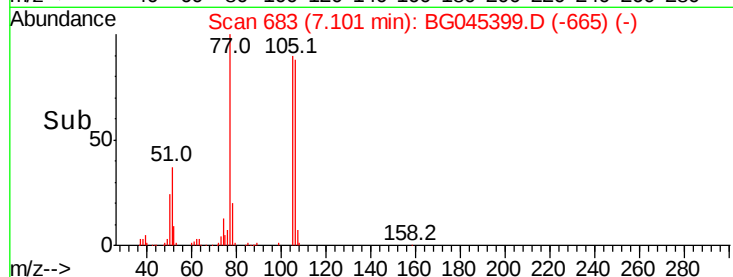
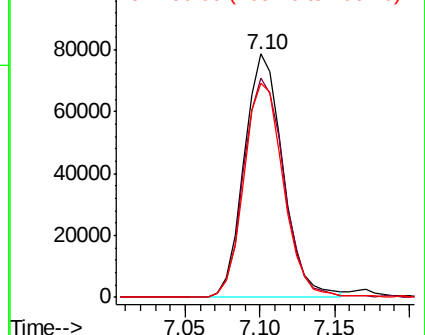
106 88.0 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.904 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

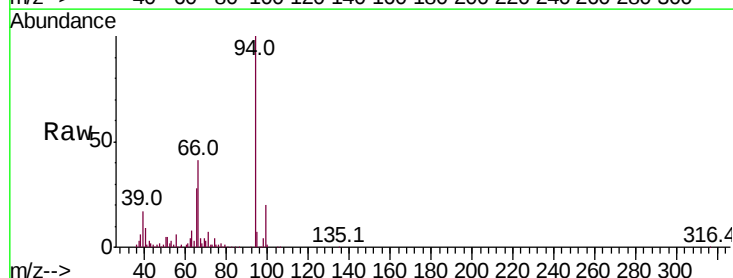
Tgt Ion: 94 Resp: 214835

Ion Ratio Lower Upper

94 100

65 27.8 9.8 49.8

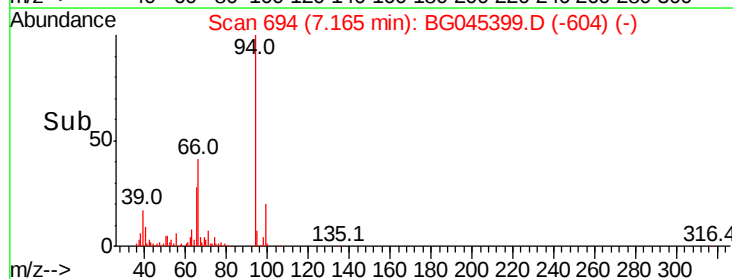
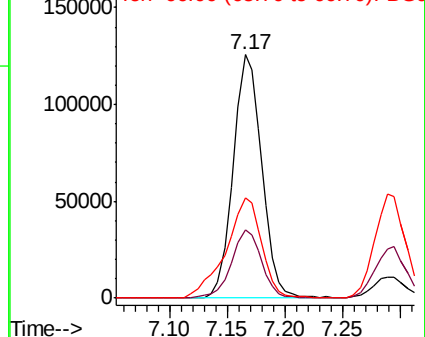
66 41.4 22.0 62.0

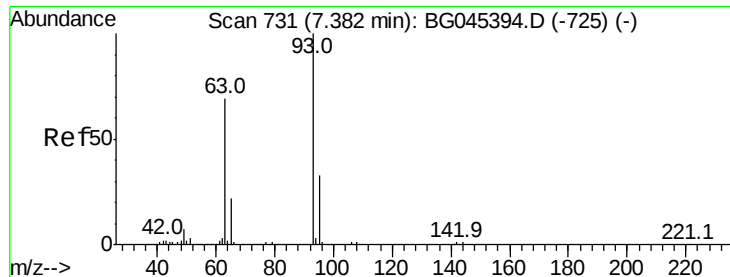


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

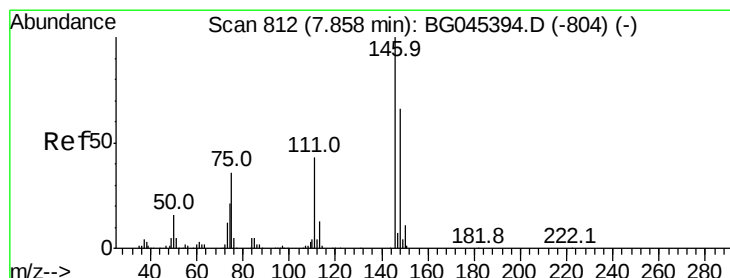
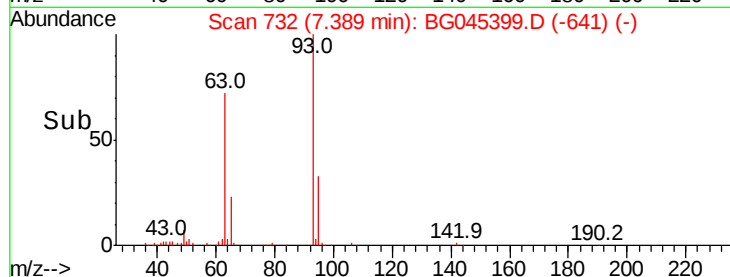
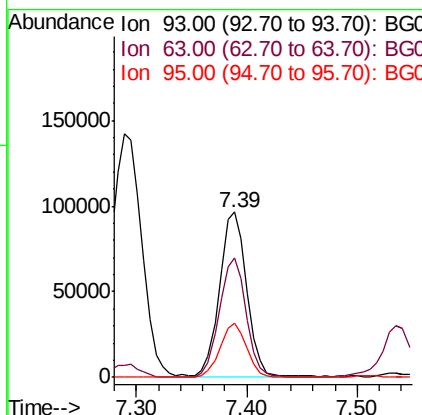
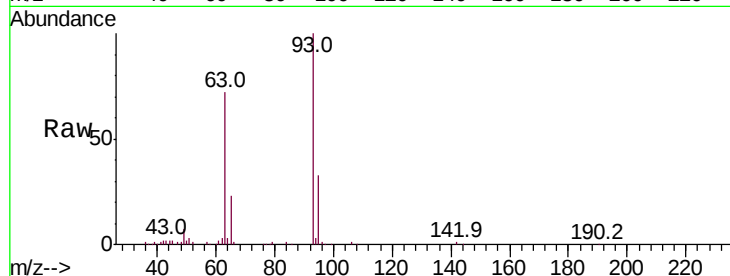




#11
bis(2-Chloroethyl)ether
Concen: 39.819 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

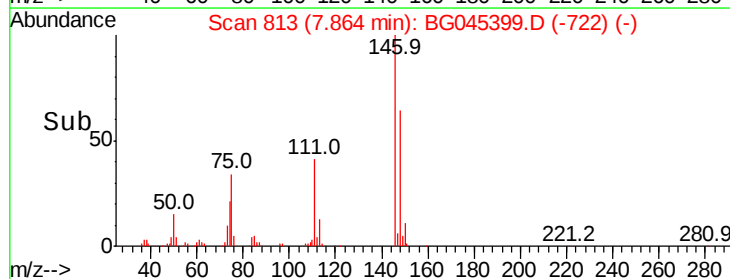
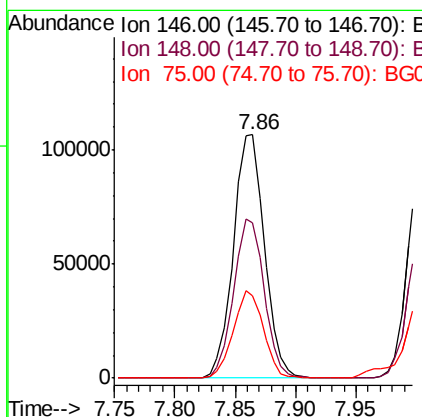
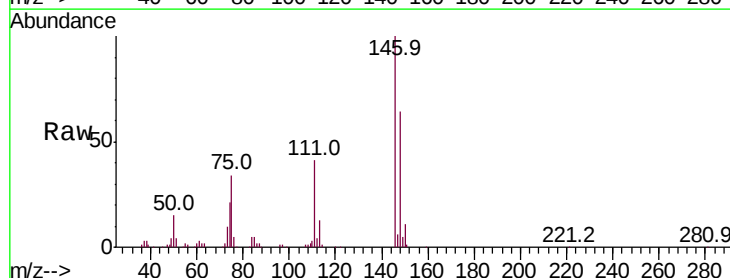
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

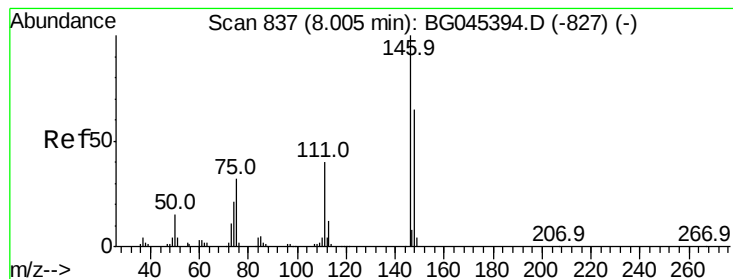
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	48.4	88.4
95	32.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 39.626 ng
RT: 7.86 min Scan# 813
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.2	79.8
75	33.8	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 39.671 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

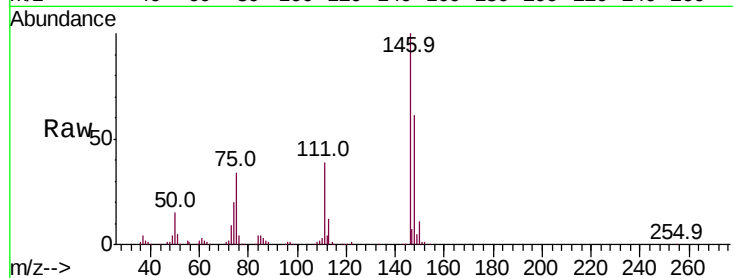
Tot Ion:146 Resp: 189356

Ion Ratio Lower Upper

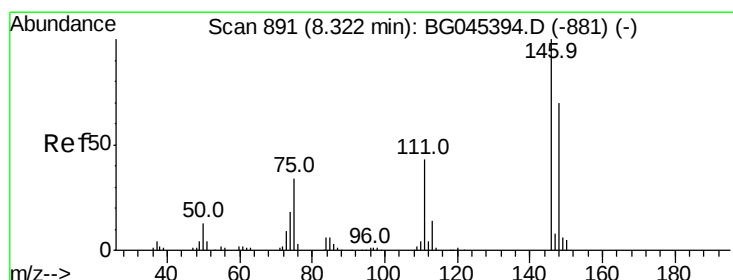
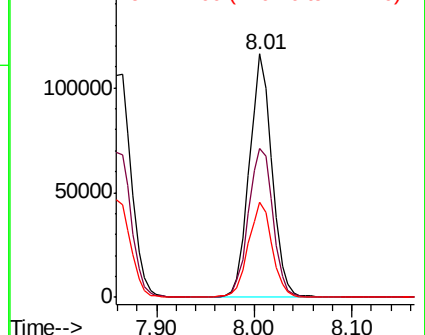
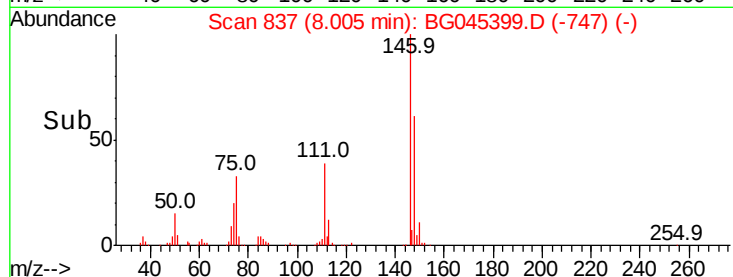
146 100

148 61.2 51.8 77.8

111 39.2 32.1 48.1



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



#14

1,2-Dichlorobenzene

Concen: 39.112 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

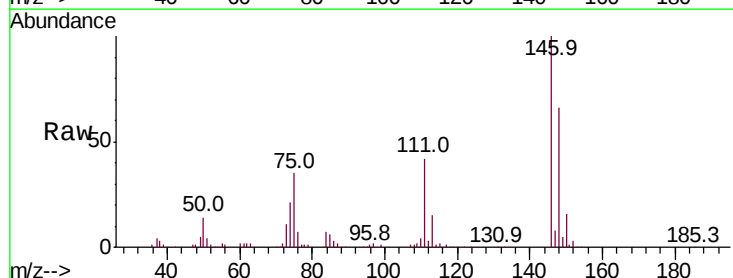
Tgt Ion:146 Resp: 179559

Ion Ratio Lower Upper

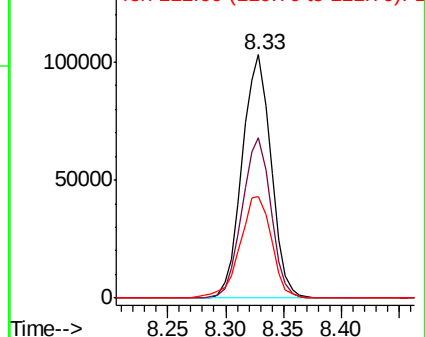
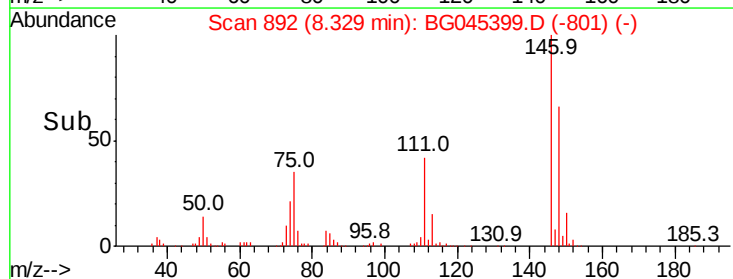
146 100

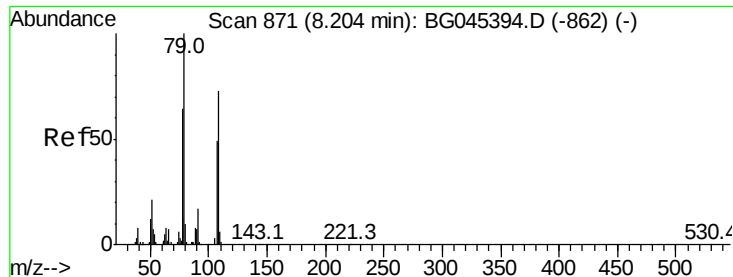
148 66.0 55.9 83.9

111 41.6 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 39.178 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

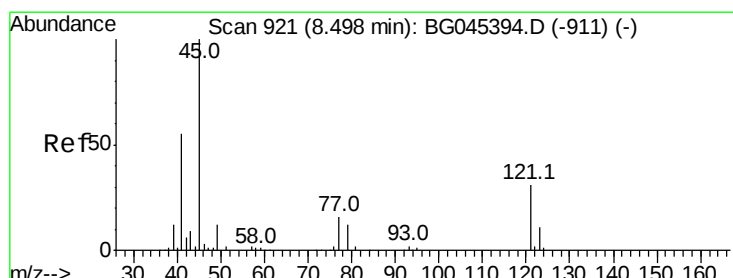
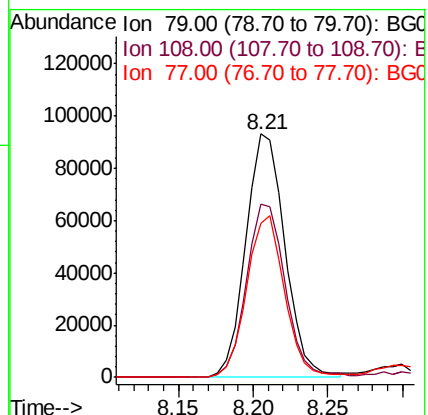
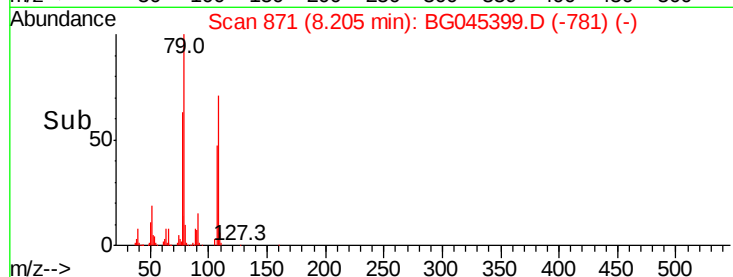
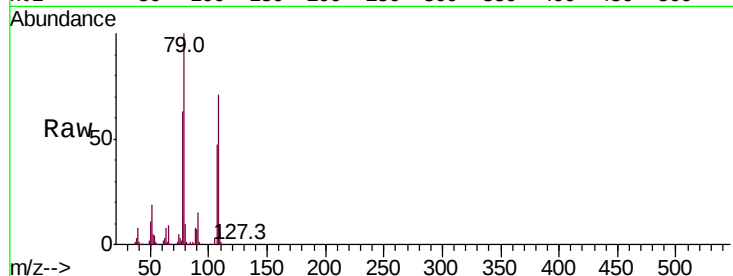
Tot Ion: 79 Resp: 169069

Ion Ratio Lower Upper

79 100

108 71.2 58.2 87.4

77 63.3 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.082 ng

RT: 8.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

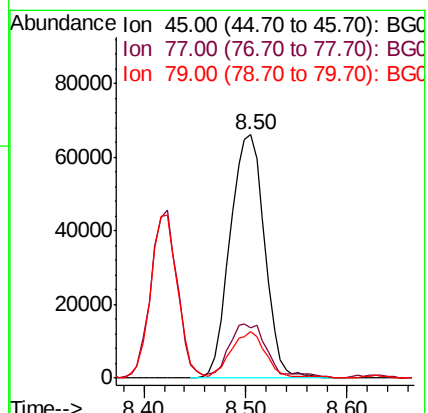
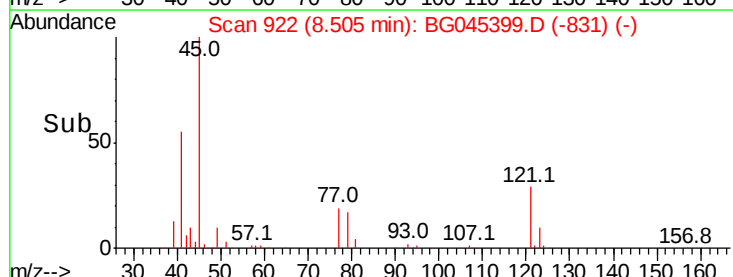
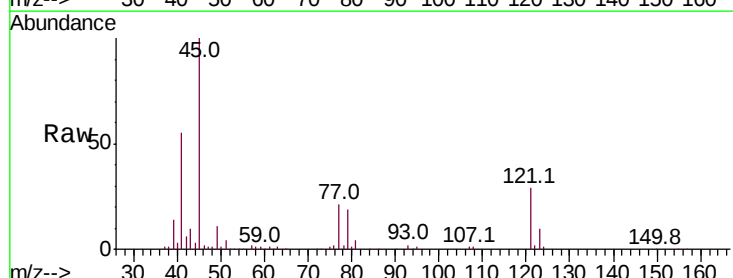
Tgt Ion: 45 Resp: 155787

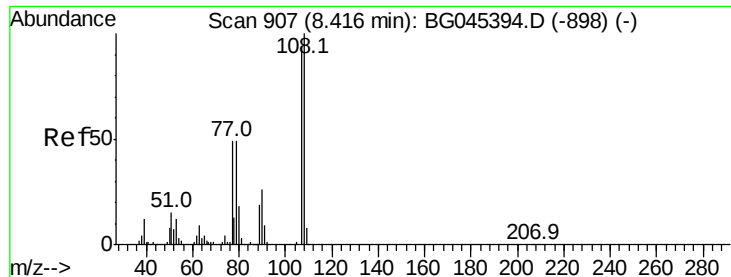
Ion Ratio Lower Upper

45 100

77 20.6 4.0 44.0

79 19.0 0.0 38.6





#17

2-Methylphenol

Concen: 39.538 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

Tot Ion:107 Resp: 159328

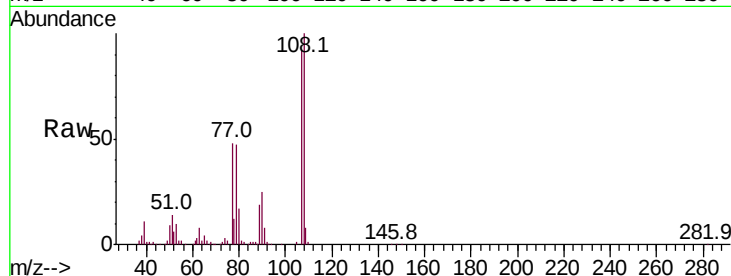
Ion Ratio Lower Upper

107 100

108 108.9 85.2 127.8

77 52.5 41.6 62.4

79 50.7 41.8 62.8

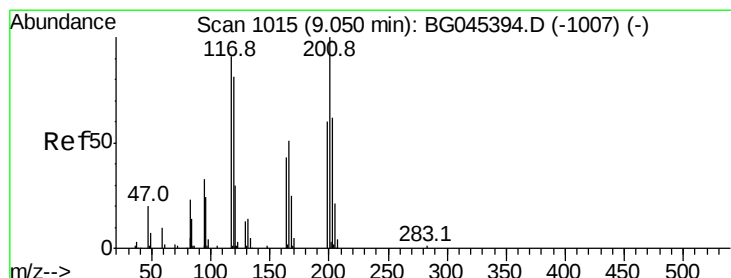
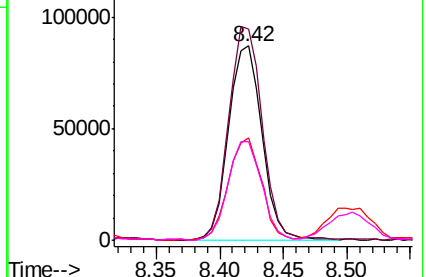
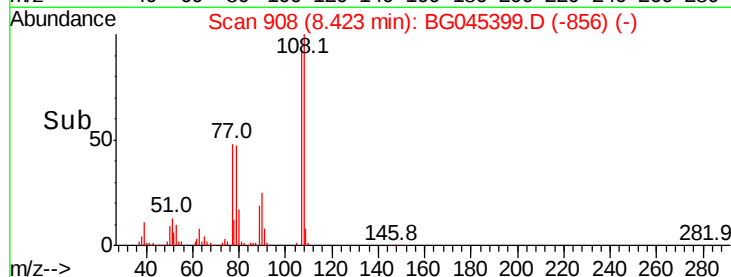


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 39.220 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

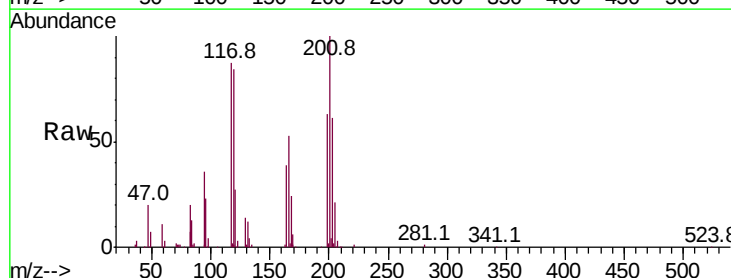
Tgt Ion:117 Resp: 71698

Ion Ratio Lower Upper

117 100

119 95.5 71.3 106.9

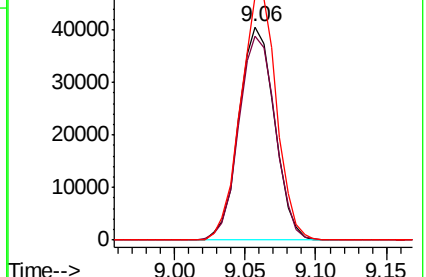
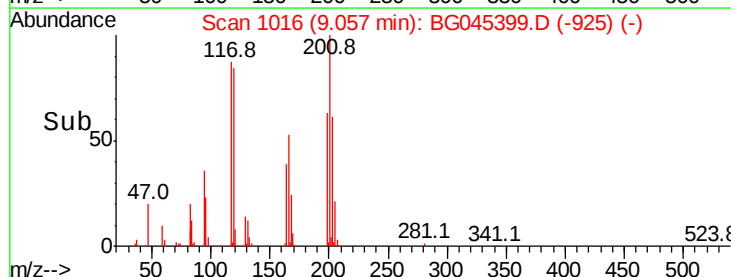
201 114.3 87.5 131.3

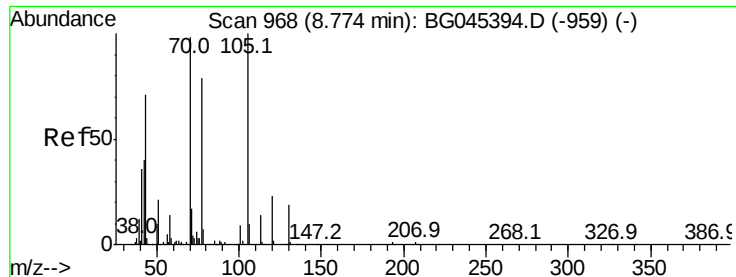


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

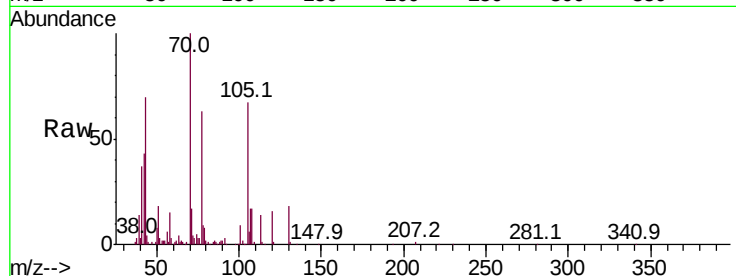




#19
n-Nitroso-di-n-propylamine
Concen: 40.253 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion:	70	Resp:	145406
Ion	Ratio	Lower	Upper
70	100		
42	42.7	33.2	49.8
101	8.6	7.8	11.6
130	18.3	15.4	23.2



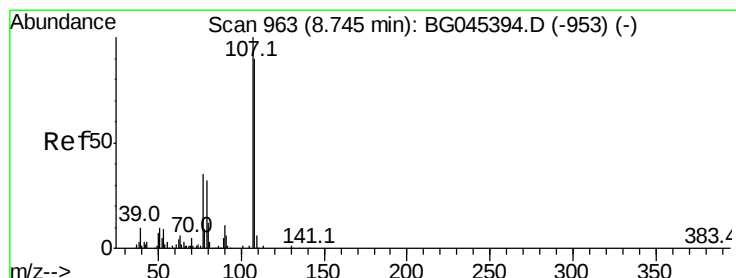
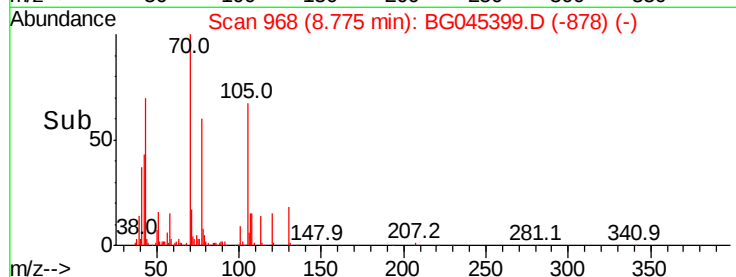
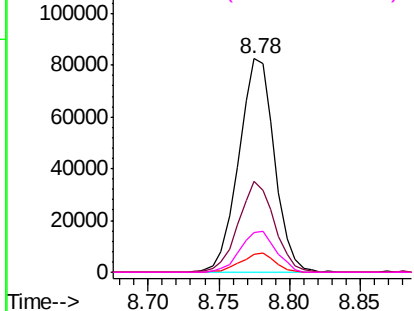
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

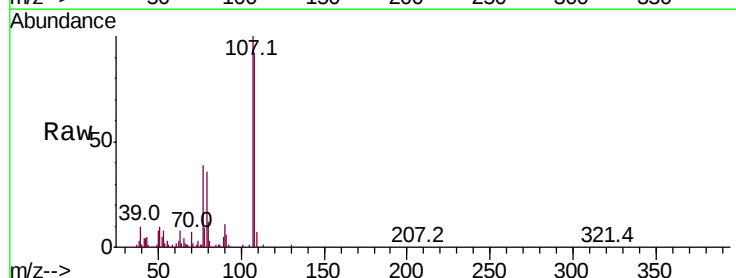
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.492 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion:	107	Resp:	222202
Ion	Ratio	Lower	Upper
107	100		
108	92.1	70.3	110.3
77	38.7	15.4	55.4
79	36.0	12.6	52.6



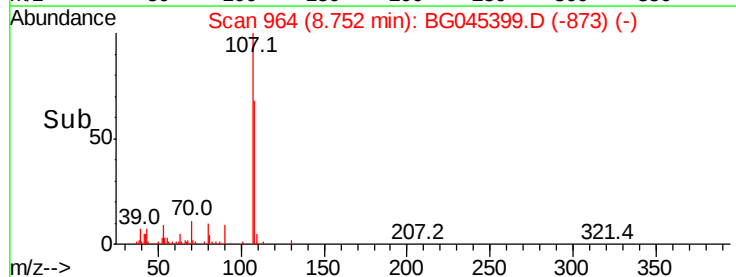
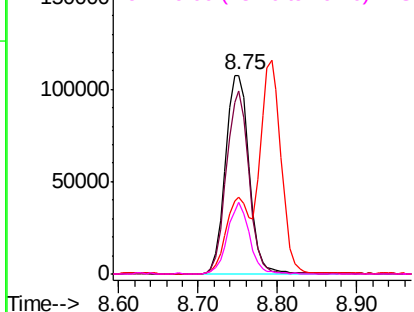
Abundance

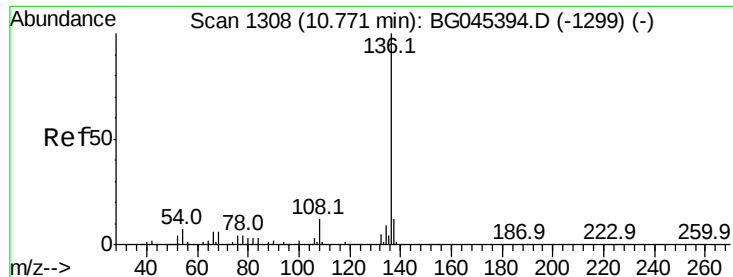
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

Tot Ion:136 Resp: 274139

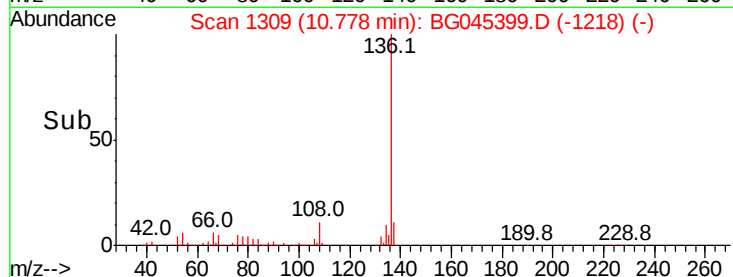
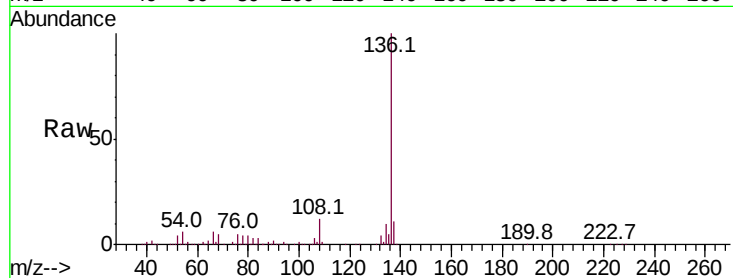
Ion Ratio Lower Upper

136 100

137 10.5 9.4 14.2

54 6.4 5.8 8.6

68 4.8 4.5 6.7

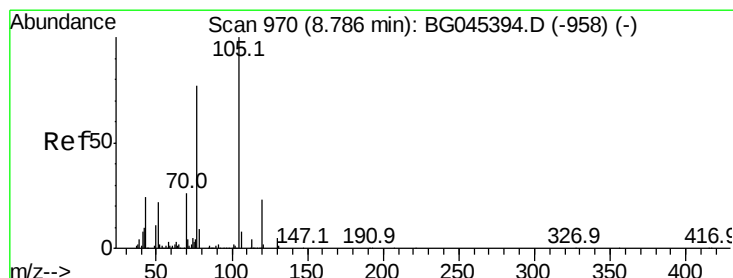
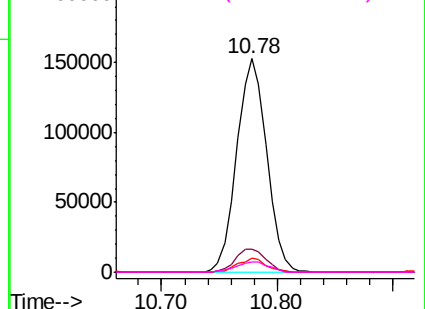


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.863 ng

RT: 8.79 min Scan# 971

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:105 Resp: 265502

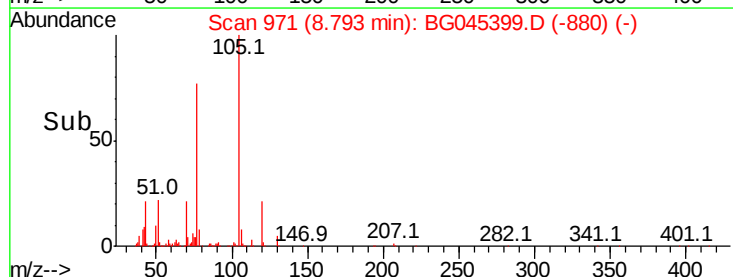
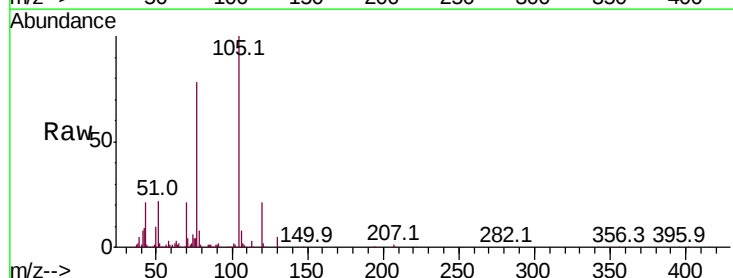
Ion Ratio Lower Upper

105 100

71 3.8 3.4 5.0

51 21.9 18.2 27.2

120 21.3 18.6 27.8

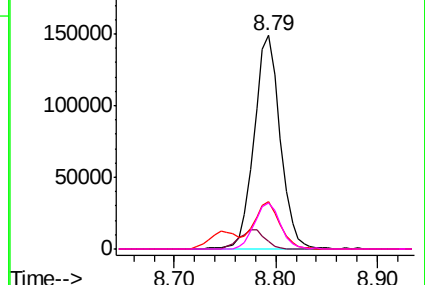


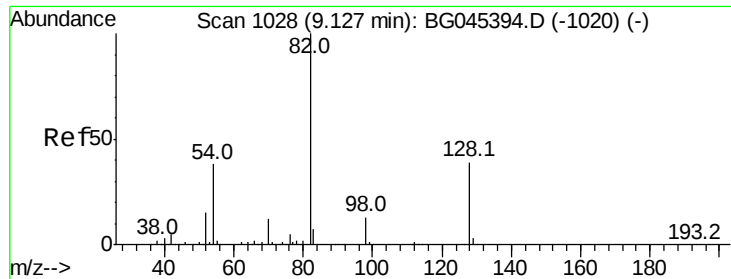
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

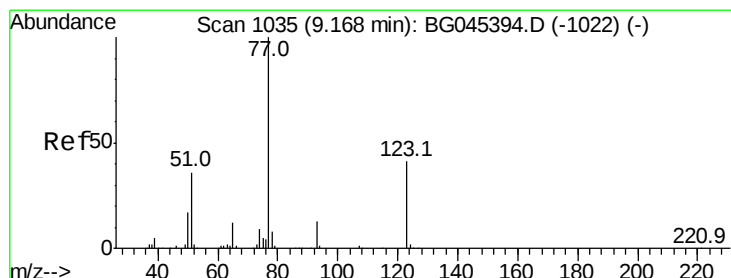
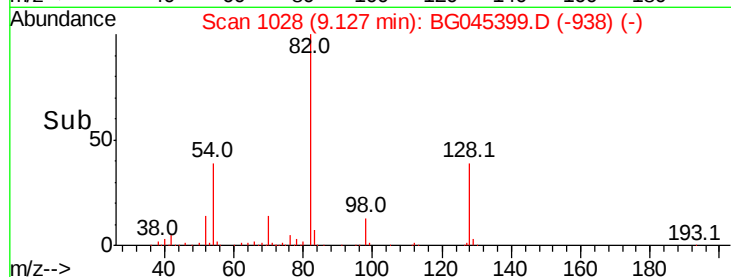
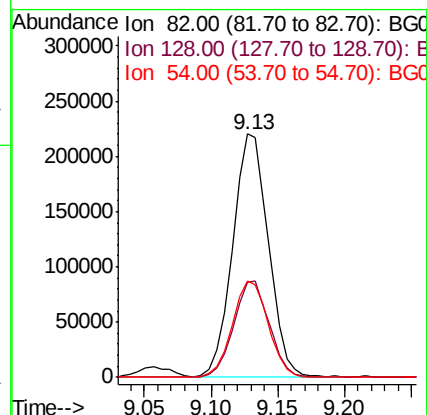
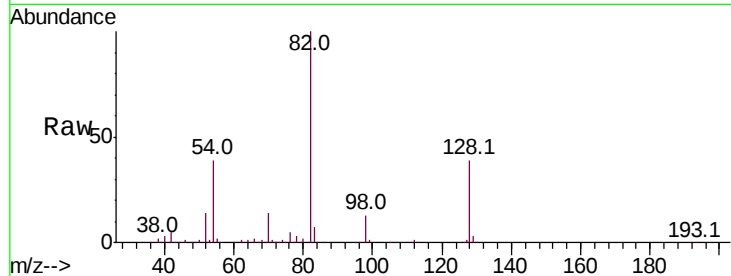




#23
 Nitrobenzene-d5
 Concen: 81.073 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

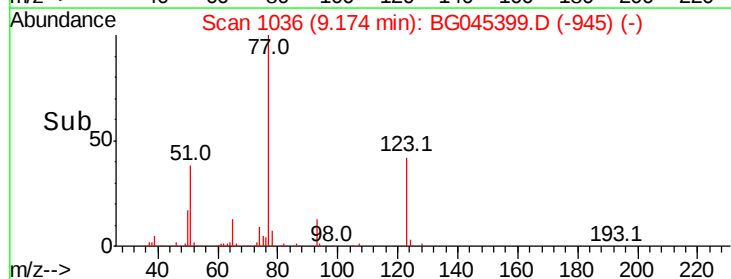
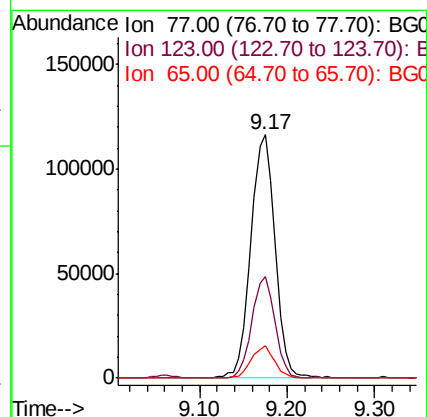
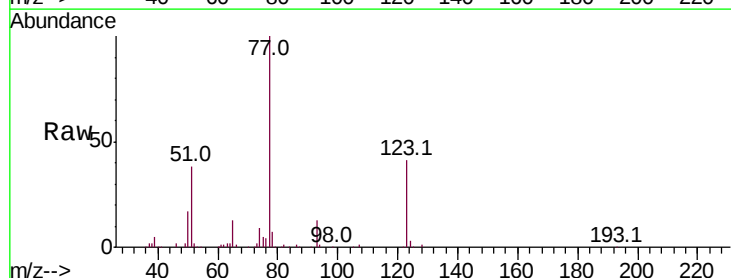
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

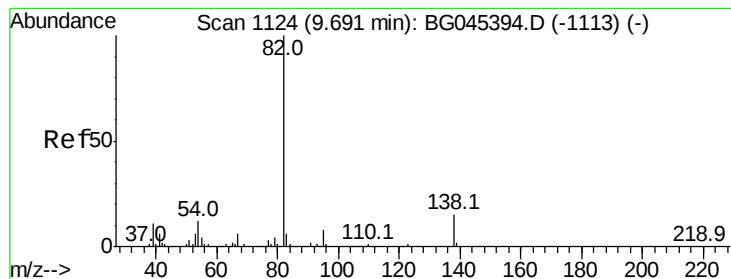
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.9	46.3
54	39.4	30.3	45.5



#24
 Nitrobenzene
 Concen: 40.382 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	32.9	49.3
65	13.3	9.4	14.2





#25

Isophorone

Concen: 40.542 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

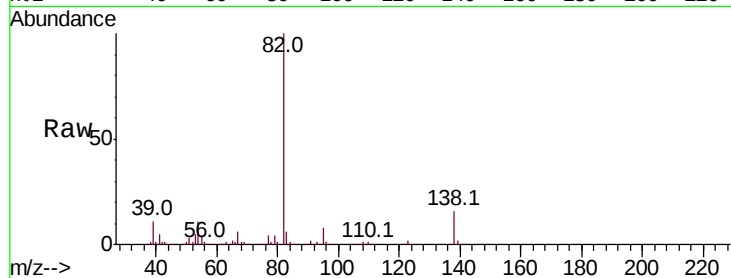
Tot Ion: 82 Resp: 401379

Ion Ratio Lower Upper

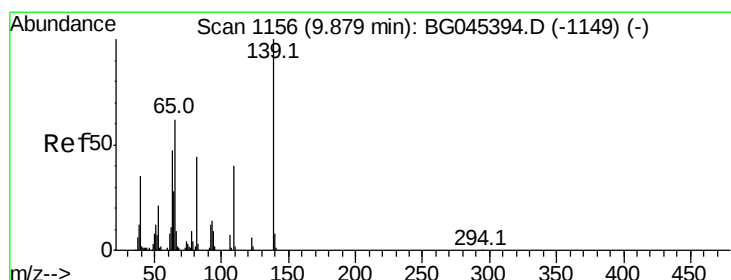
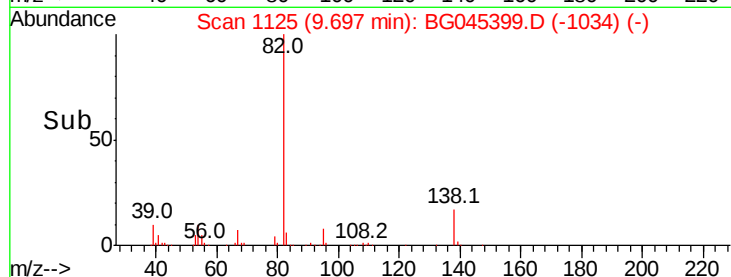
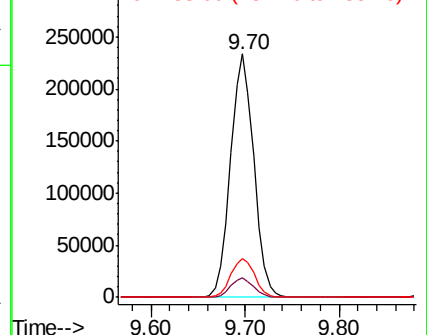
82 100

95 8.0 6.7 10.1

138 16.0 12.2 18.4



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



#26

2-Nitrophenol

Concen: 42.221 ng

RT: 9.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

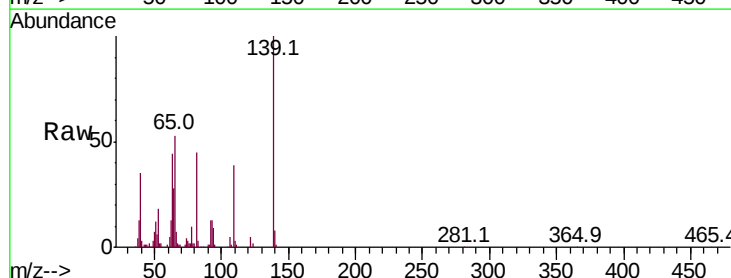
Tgt Ion: 139 Resp: 97279

Ion Ratio Lower Upper

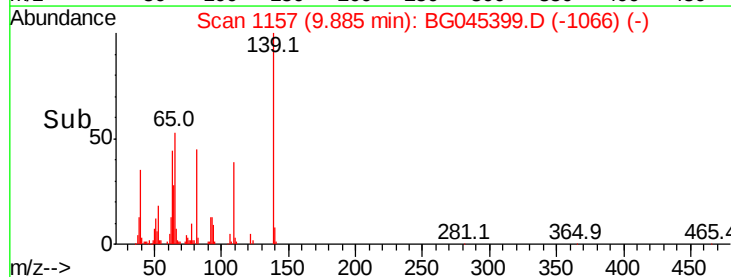
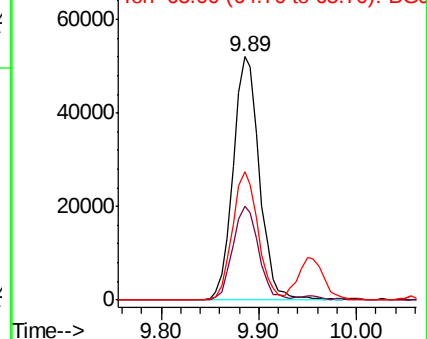
139 100

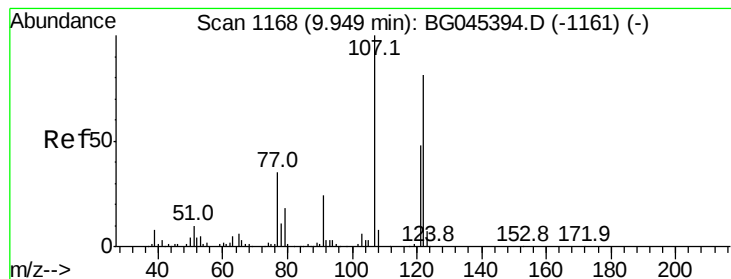
109 38.5 32.2 48.4

65 52.7 49.6 74.4



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





#27

2,4-Dimethylphenol

Concen: 40.703 ng

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

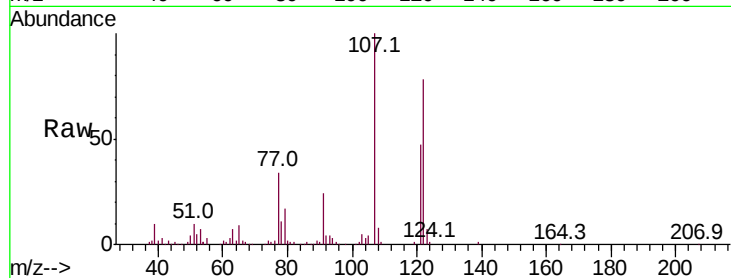
Tot Ion:122 Resp: 139095

Ion Ratio Lower Upper

122 100

107 127.6 99.0 148.4

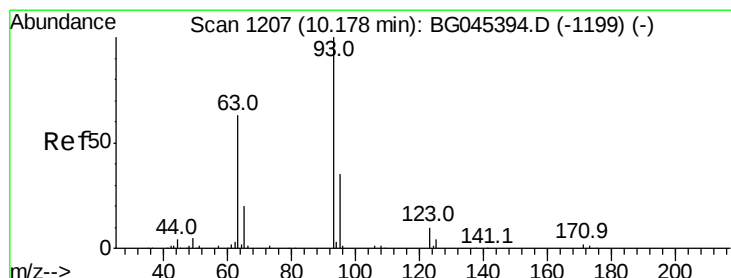
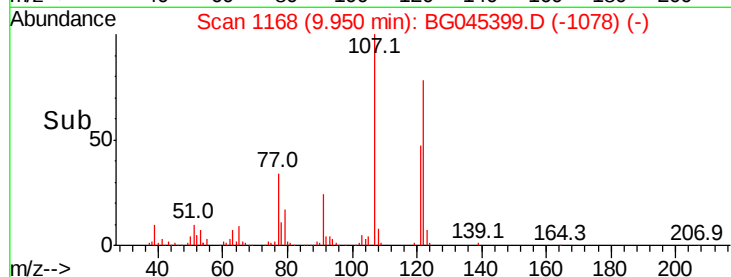
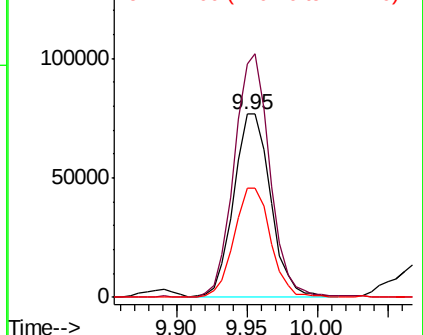
121 59.7 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.436 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

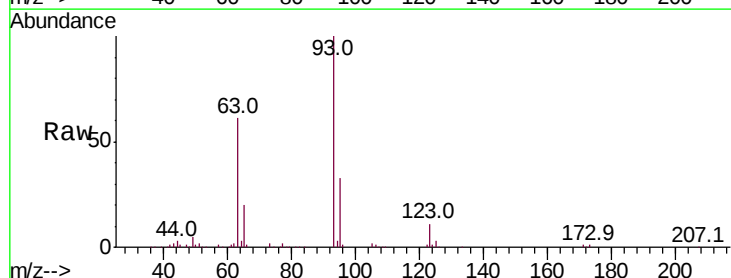
Tgt Ion: 93 Resp: 215138

Ion Ratio Lower Upper

93 100

95 33.1 27.6 41.4

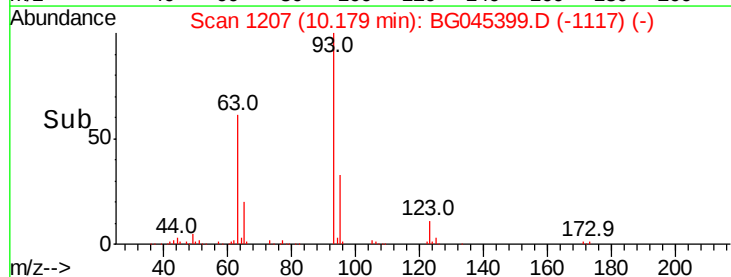
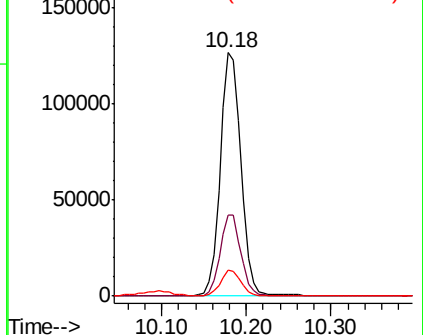
123 10.8 8.1 12.1

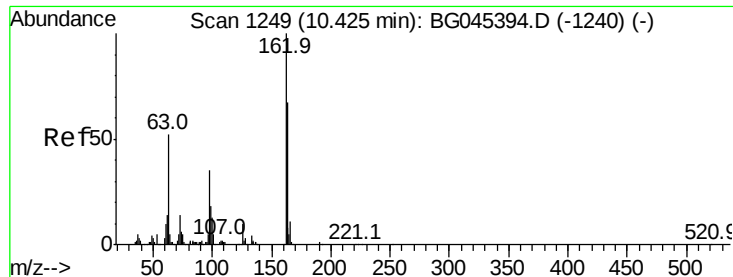


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

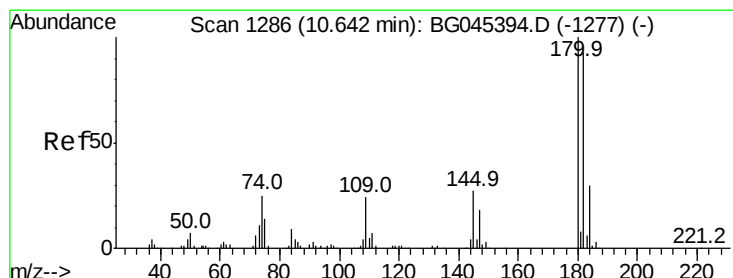
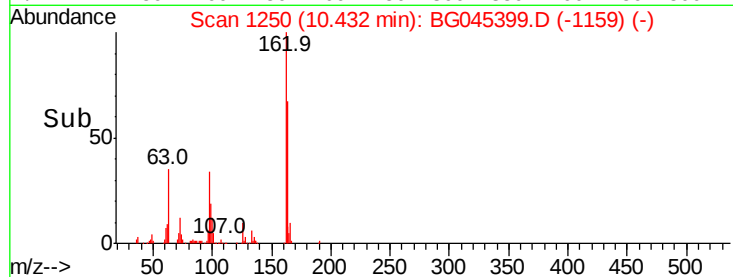
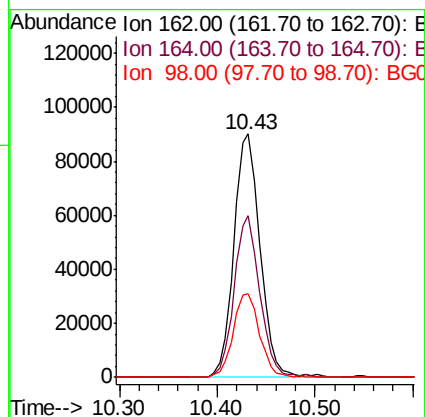
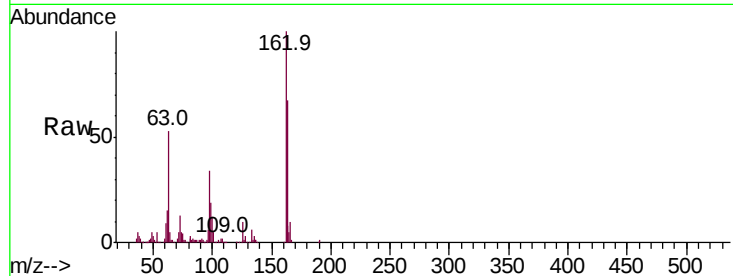




#29
2,4-Dichlorophenol
Concen: 41.691 ng
RT: 10.43 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

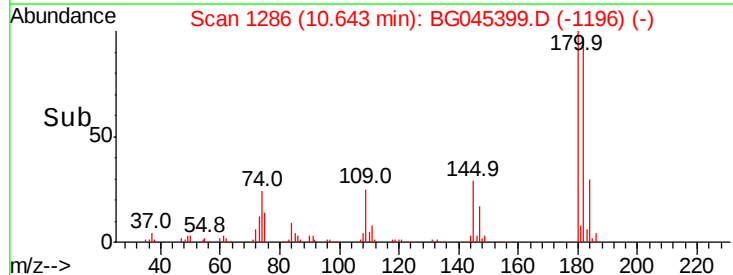
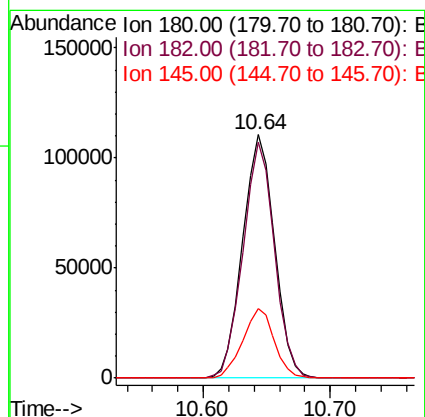
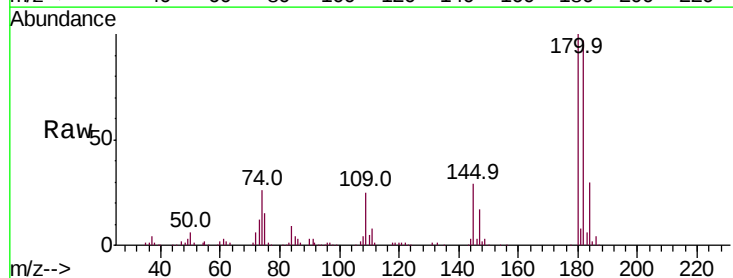
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

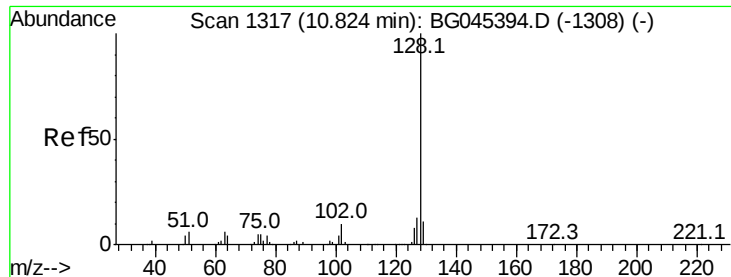
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	46.8	86.8
98	34.5	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 40.625 ng
RT: 10.64 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	74.8	112.2
145	28.8	21.9	32.9

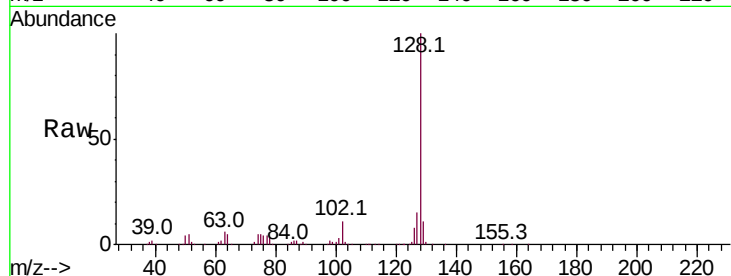




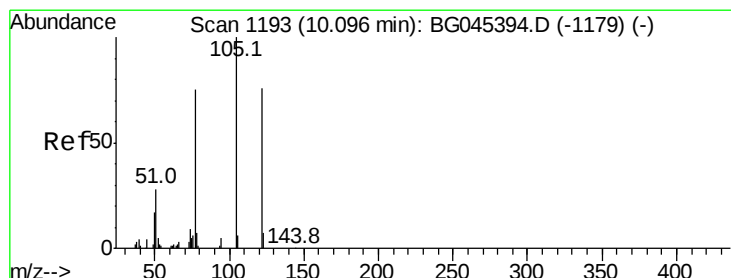
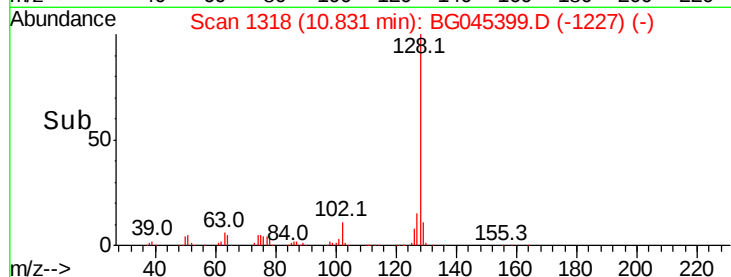
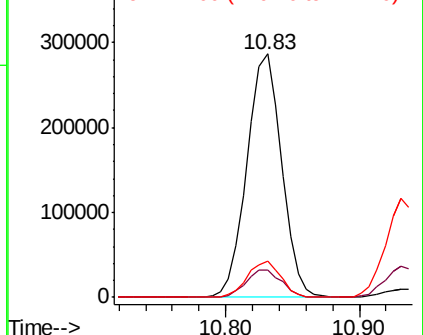
#31
Naphthalene
Concen: 40.336 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion:128 Resp: 515279
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.7 10.7 16.1

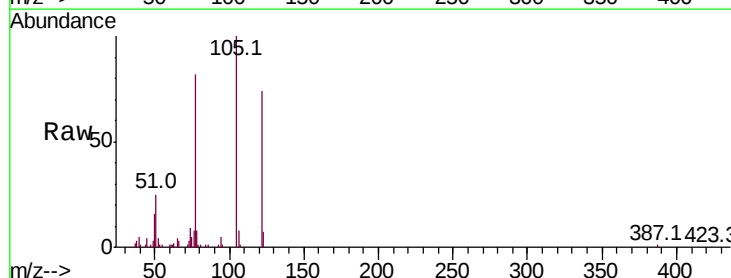


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

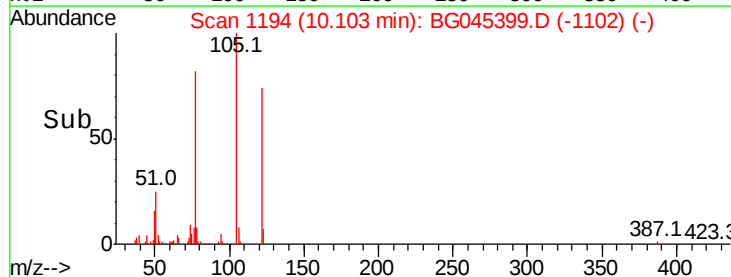
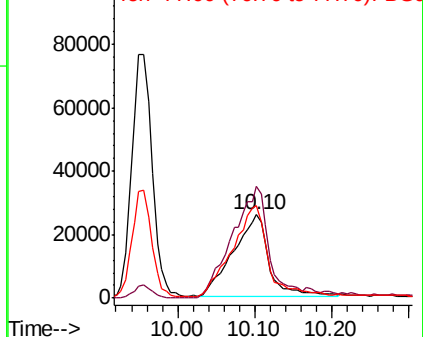


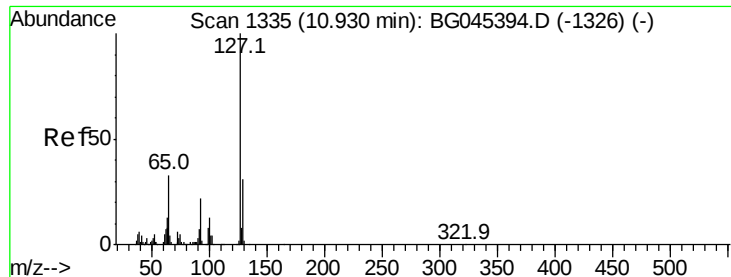
#32
Benzoic acid
Concen: 38.682 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion:122 Resp: 84189
Ion Ratio Lower Upper
122 100
105 134.3 107.9 147.9
77 110.6 78.9 118.9



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

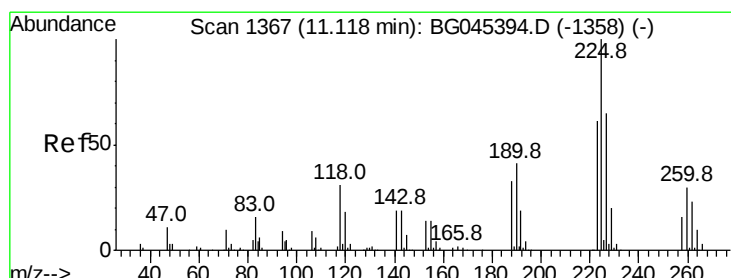
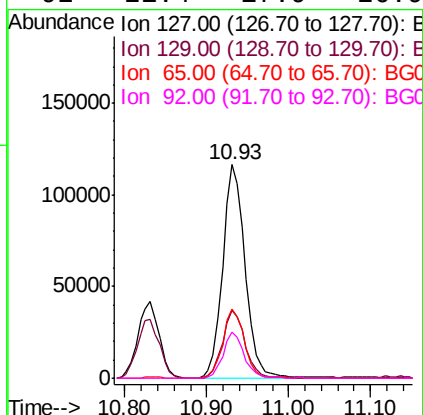
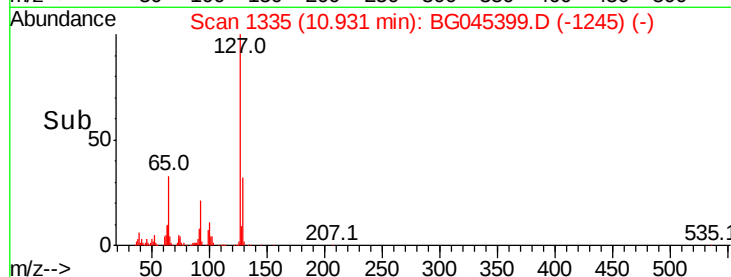
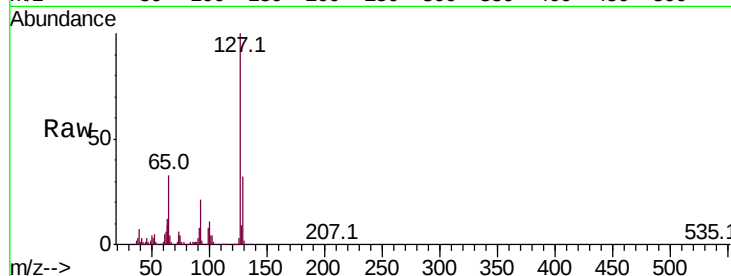




#33
4-Chloroaniline
Concen: 41.526 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

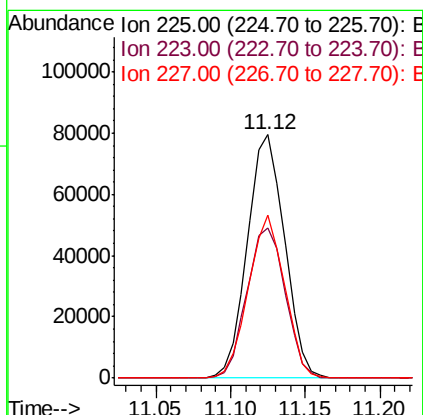
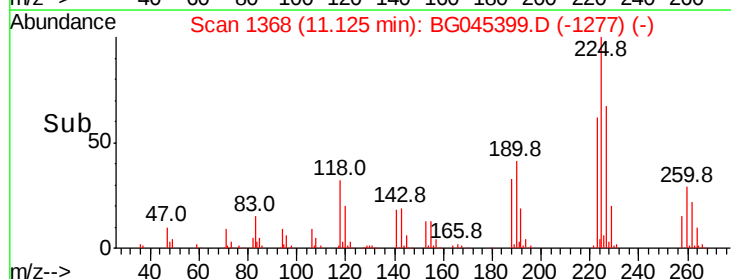
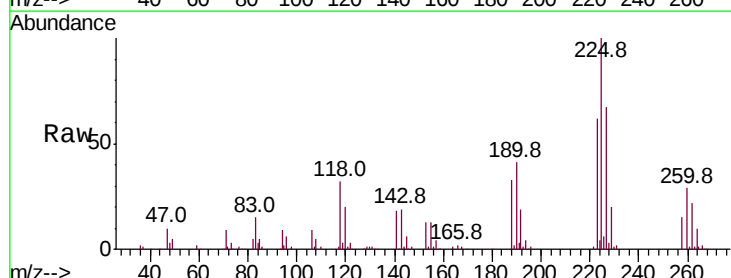
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

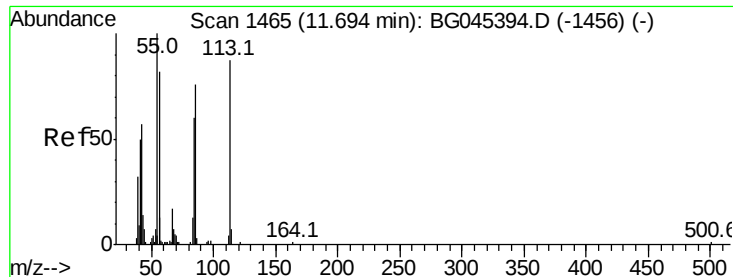
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.7	37.1
65	32.5	26.2	39.2
92	21.4	17.9	26.9



#34
Hexachlorobutadiene
Concen: 40.540 ng
RT: 11.12 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.1	73.7
227	67.1	52.0	78.0

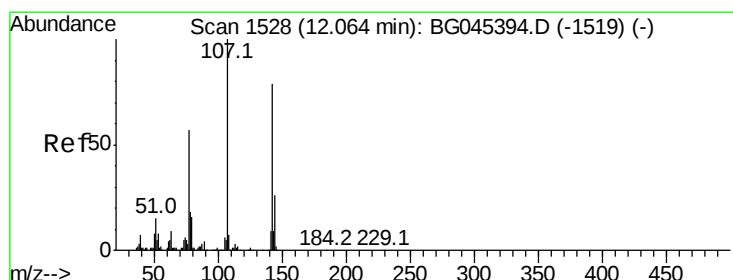
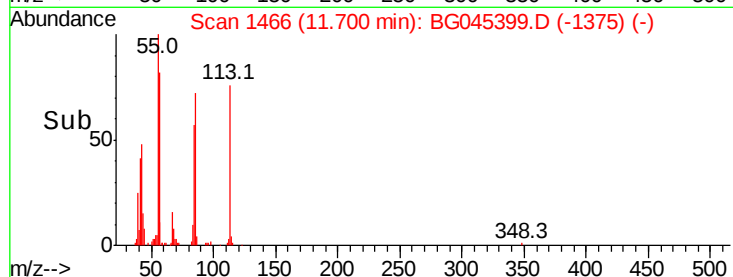
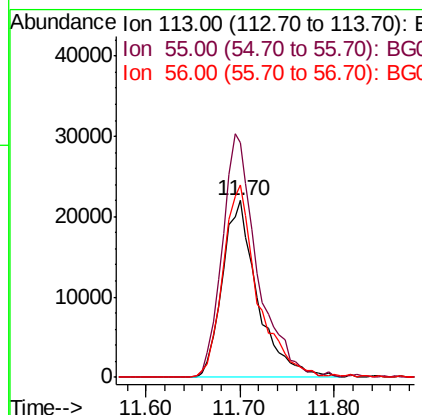
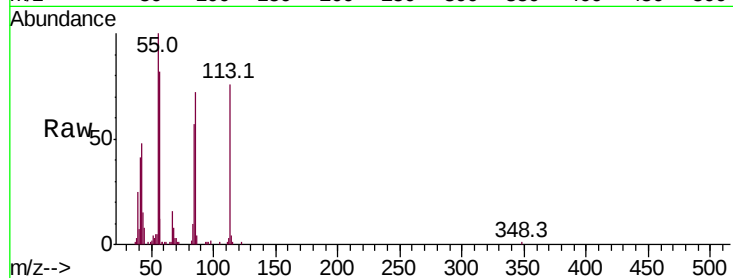




#35
 Caprolactam
 Concen: 38.602 ng
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

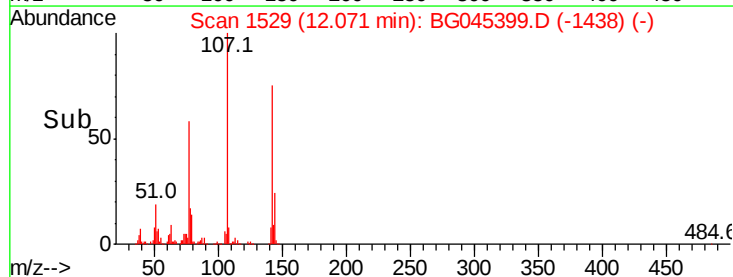
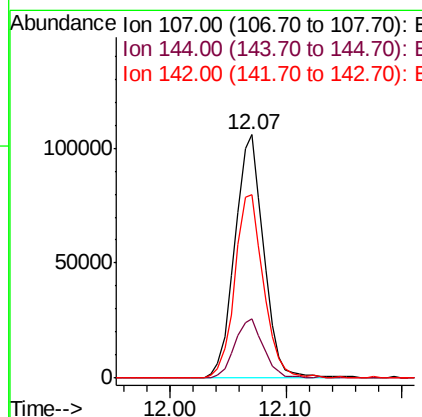
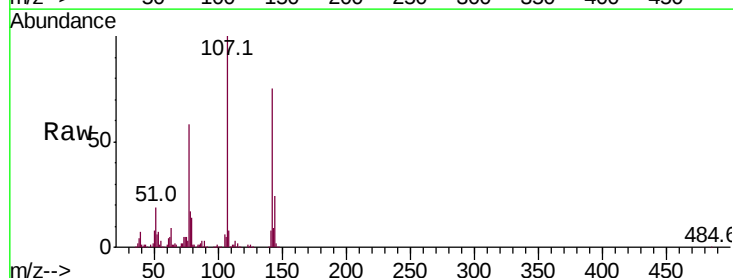
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

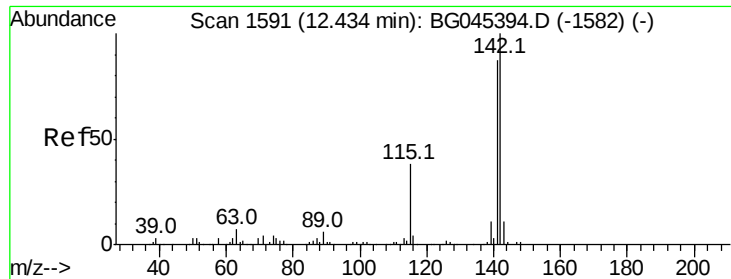
Tot Ion:113 Resp: 57177
 Ion Ratio Lower Upper
 113 100
 55 132.4 96.0 136.0
 56 108.7 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.225 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion:107 Resp: 182913
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 75.1 62.8 94.2

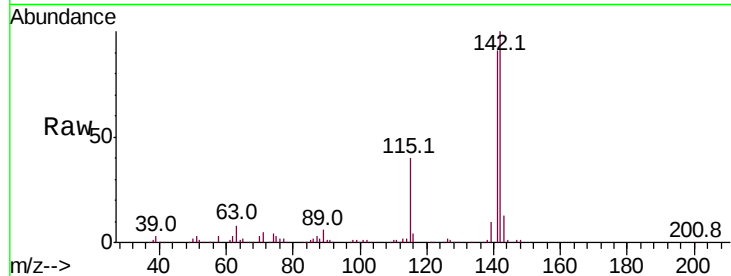




#37
2-Methylnaphthalene
Concen: 40.731 ng
RT: 12.43 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	70.0	105.0
115	40.2	30.8	46.2

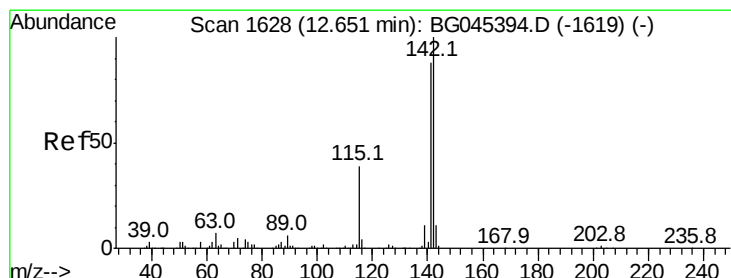
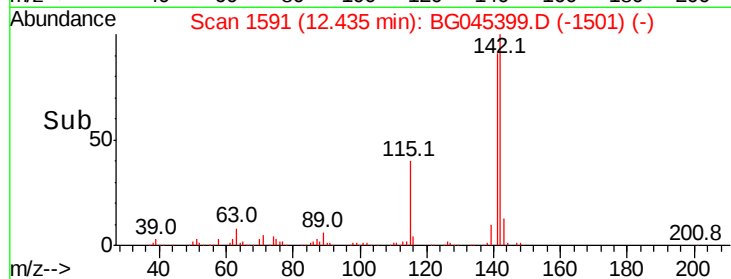
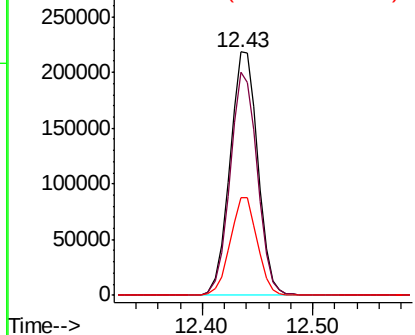


Abundance

Ion 142.00 (141.70 to 142.70): E

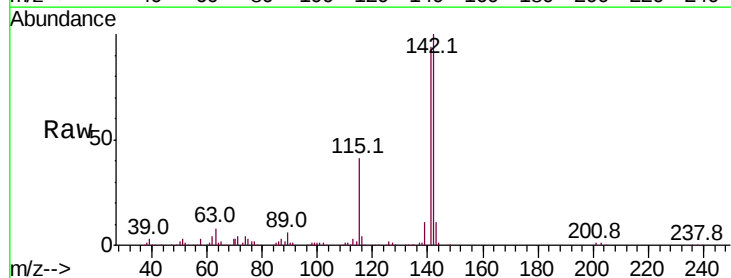
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.592 ng
RT: 12.66 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	70.8	106.2
116	4.0	3.0	4.6

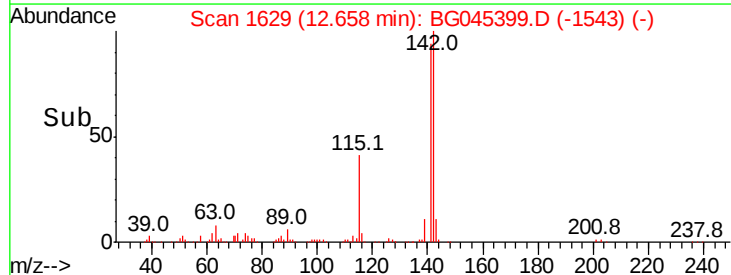
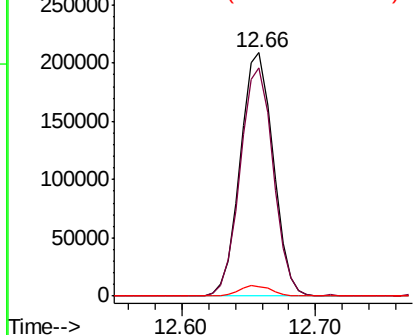


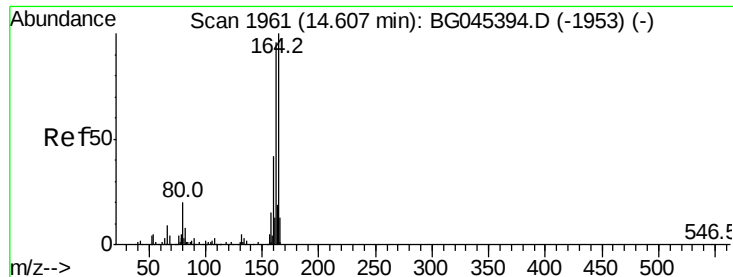
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

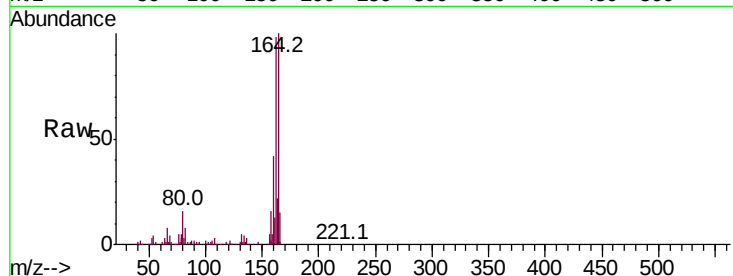
Tot Ion:164 Resp: 190326

Ion Ratio Lower Upper

164 100

162 97.5 76.9 115.3

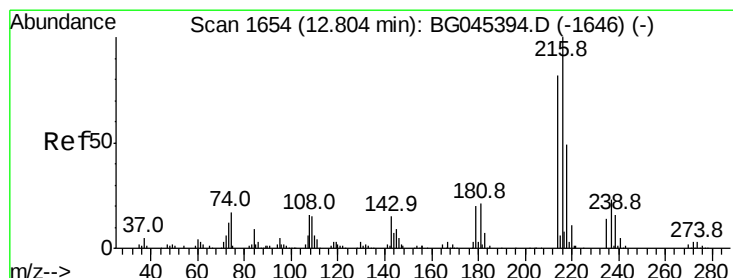
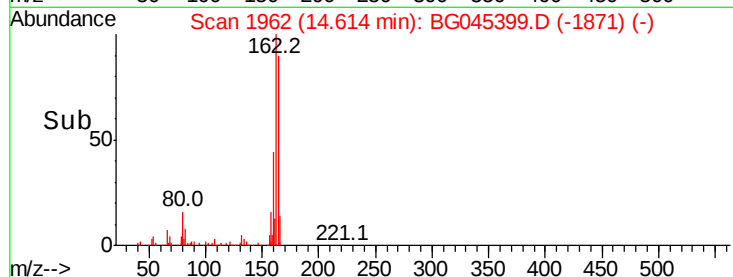
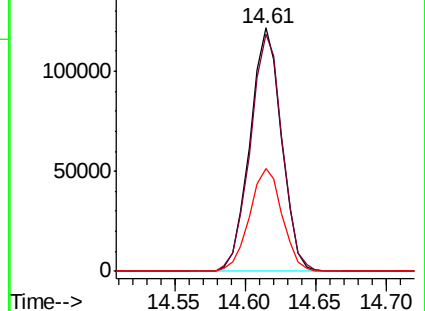
160 42.4 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.571 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:216 Resp: 215679

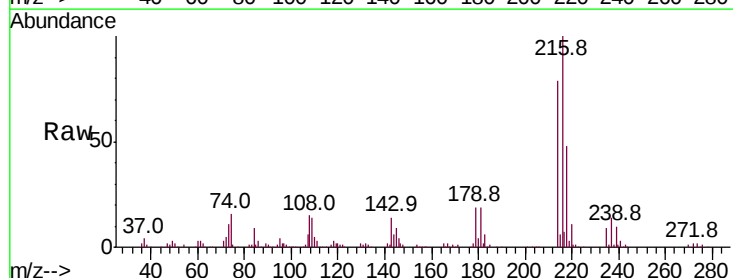
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 19.1 16.1 24.1

108 16.7 13.8 20.6

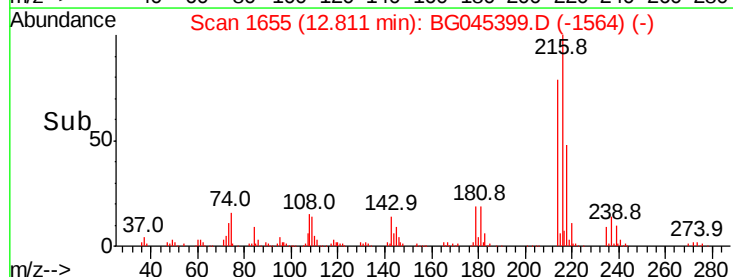
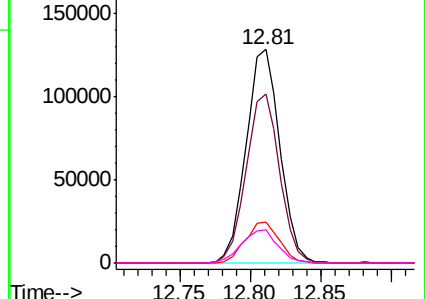


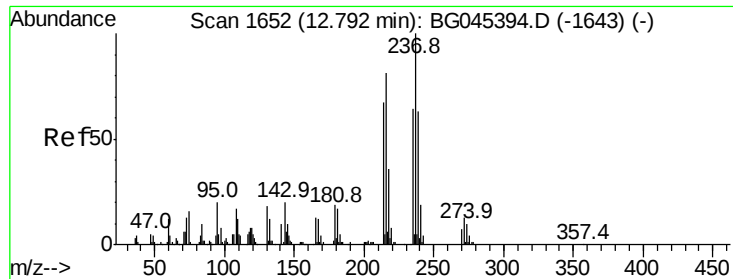
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.270 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

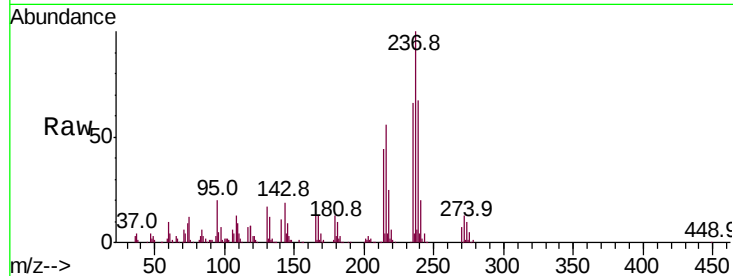
Tot Ion:237 Resp: 126632

Ion Ratio Lower Upper

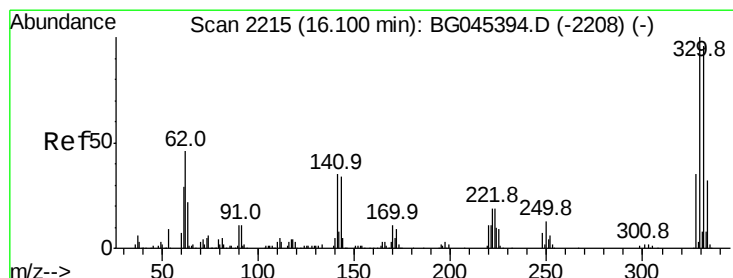
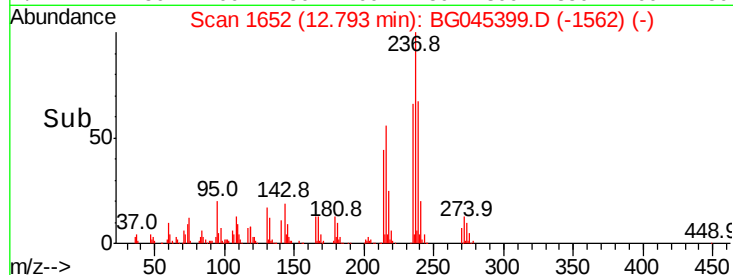
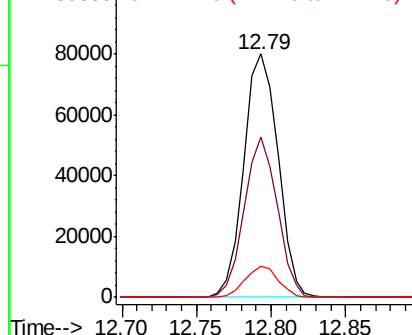
237 100

235 66.0 44.4 84.4

272 12.9 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 77.405 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

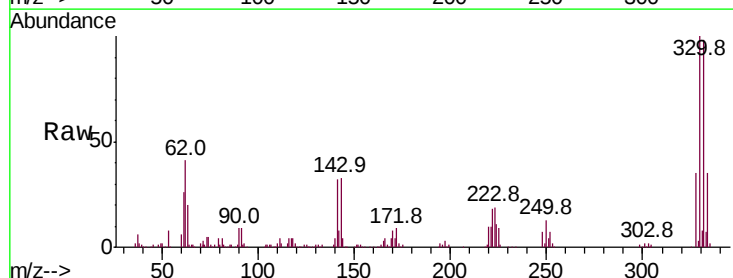
Tgt Ion:330 Resp: 188408

Ion Ratio Lower Upper

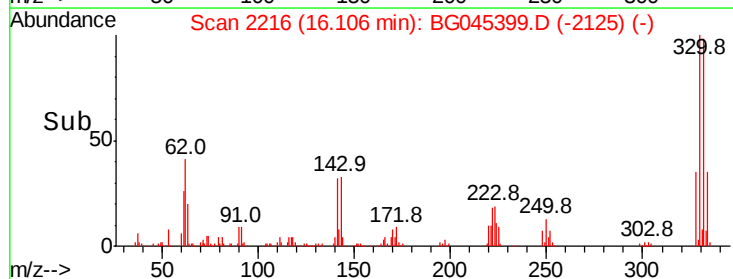
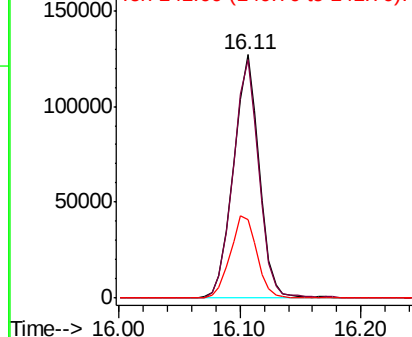
330 100

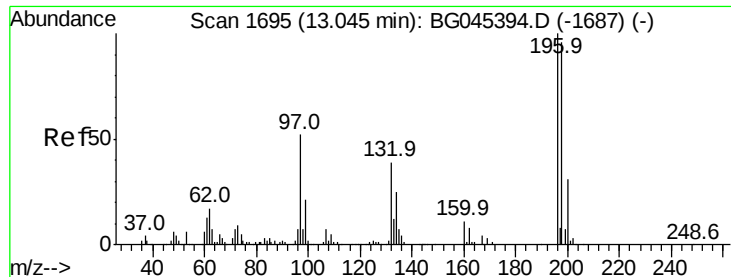
332 98.2 78.2 117.4

141 34.8 28.2 42.4



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

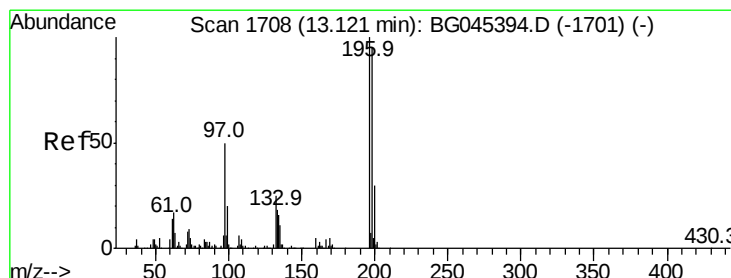
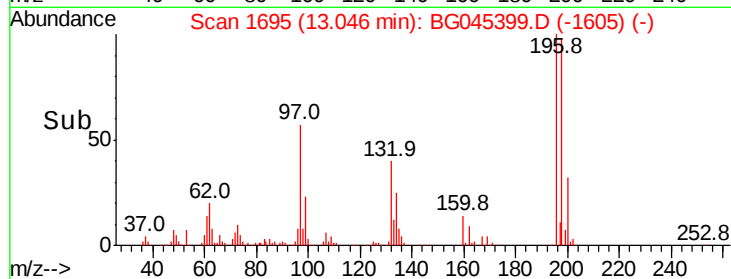
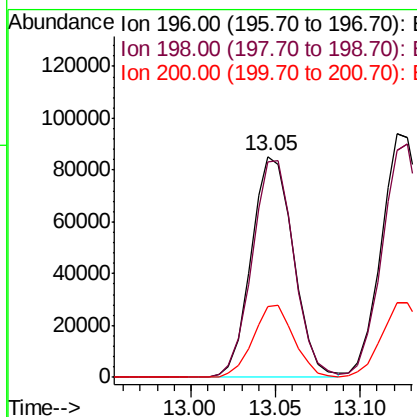
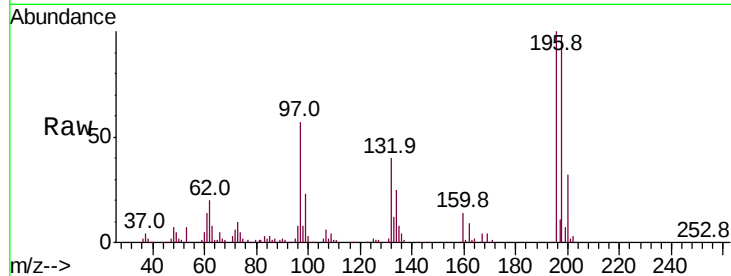




#43
 2,4,6-Trichlorophenol
 Concen: 39.870 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

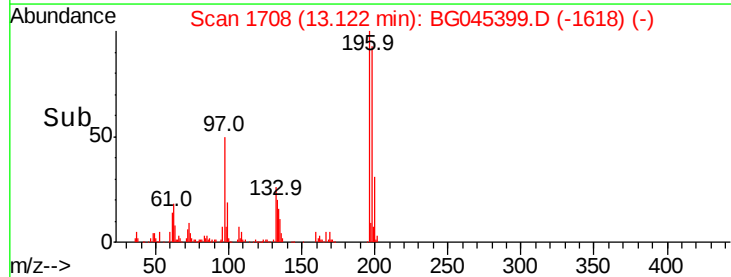
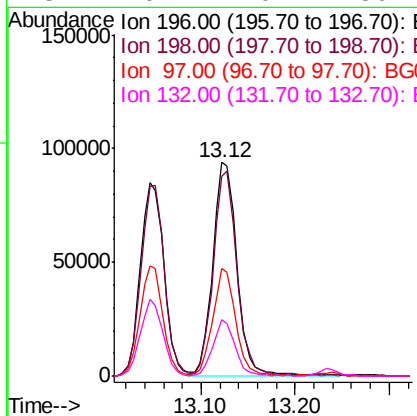
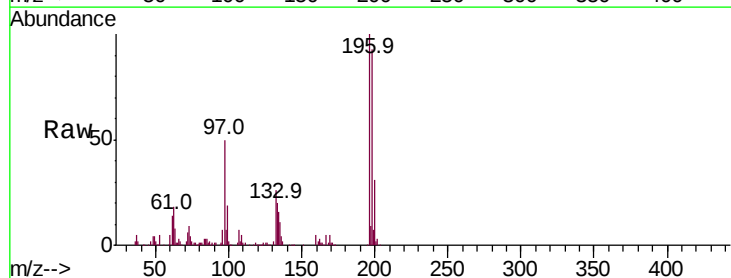
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

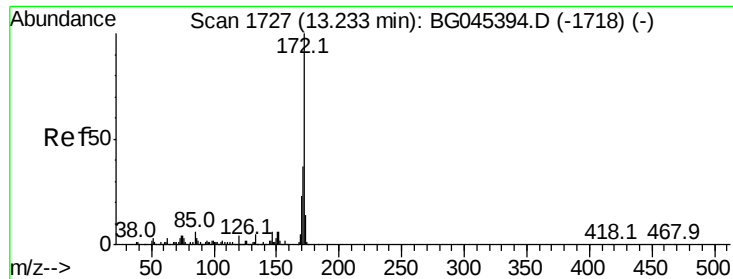
Tot Ion:	196	Resp:	147237
Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.7	115.1
200	31.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.398 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion:	196	Resp:	170480
Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.1	114.1
97	50.2	40.0	60.0
132	26.2	20.2	30.2

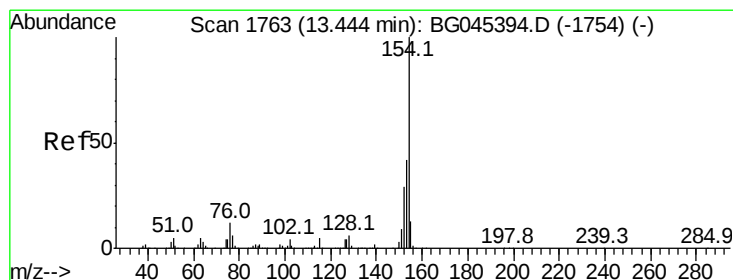
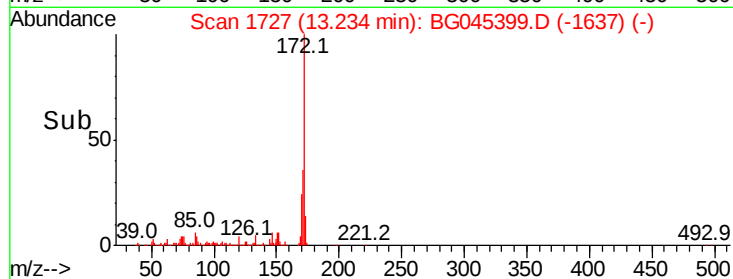
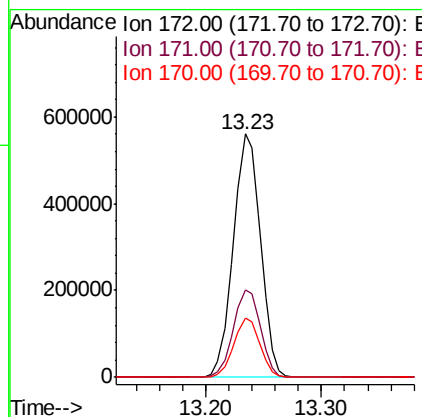
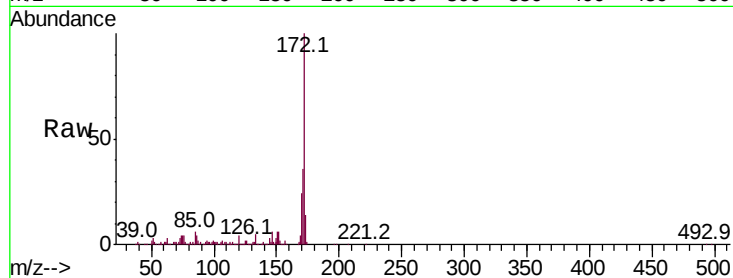




#45
2-Fluorobiphenyl
Concen: 81.191 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

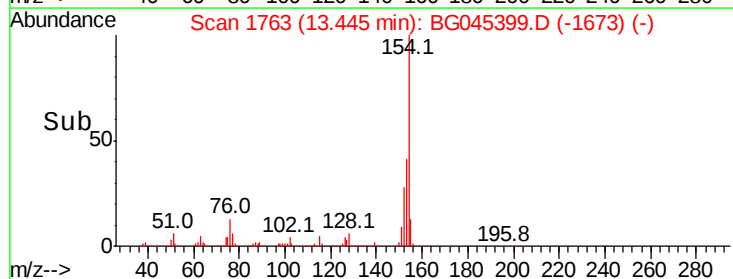
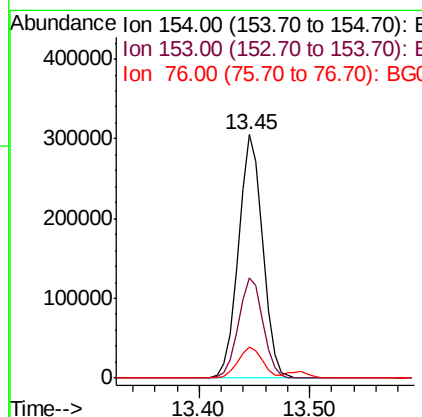
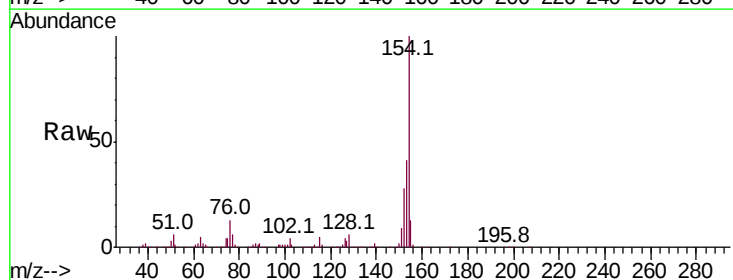
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

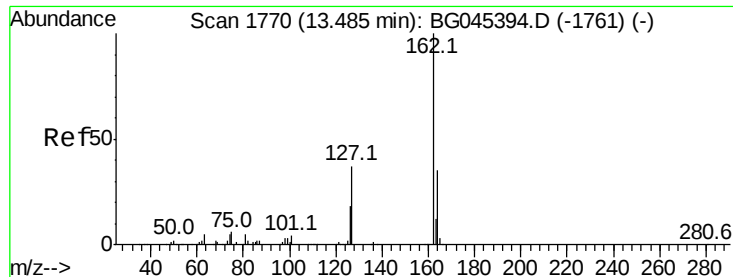
Tot Ion:172 Resp: 911013
Ion Ratio Lower Upper
172 100
171 36.0 29.5 44.3
170 24.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 40.230 ng
RT: 13.45 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion:154 Resp: 470475
Ion Ratio Lower Upper
154 100
153 41.0 22.2 62.2
76 12.7 0.0 32.4





#47

2-Chloronaphthalene

Concen: 39.689 ng

RT: 13.49 min Scan# 1771

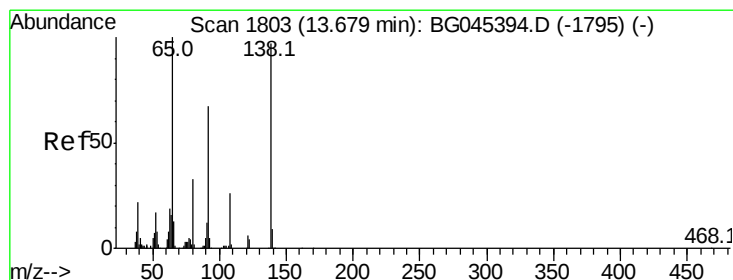
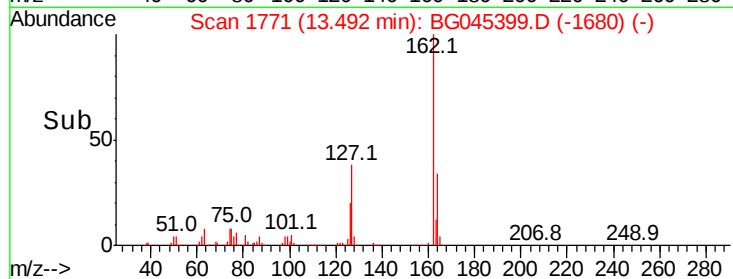
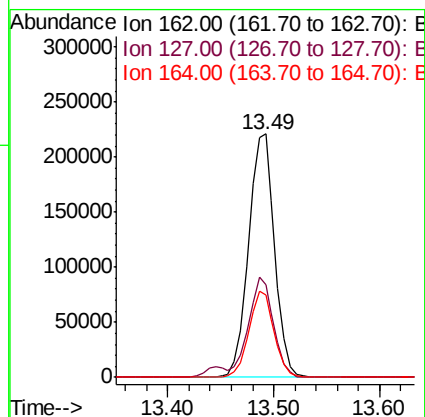
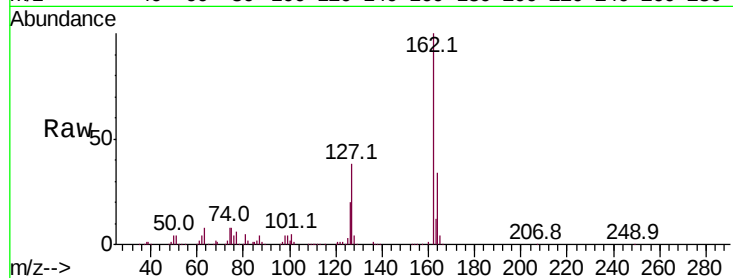
Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.6	47.4
164	34.1	28.1	42.1



#48

2-Nitroaniline

Concen: 39.798 ng

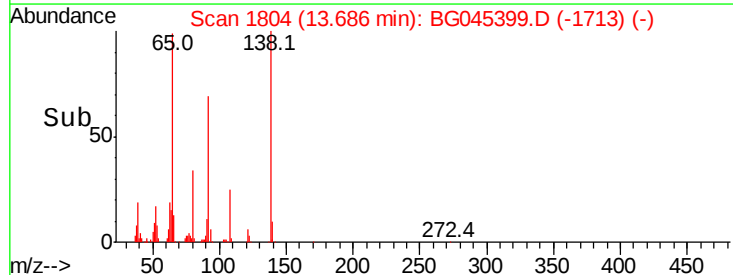
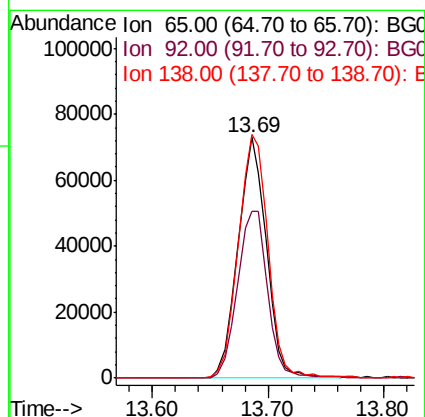
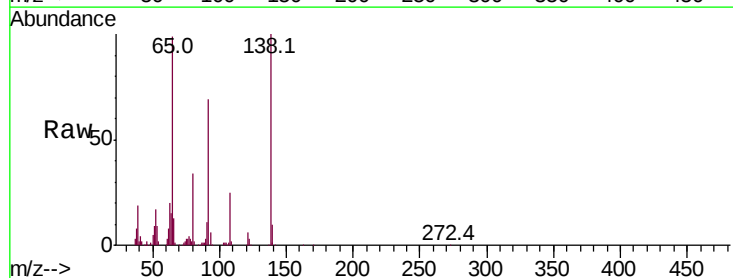
RT: 13.69 min Scan# 1804

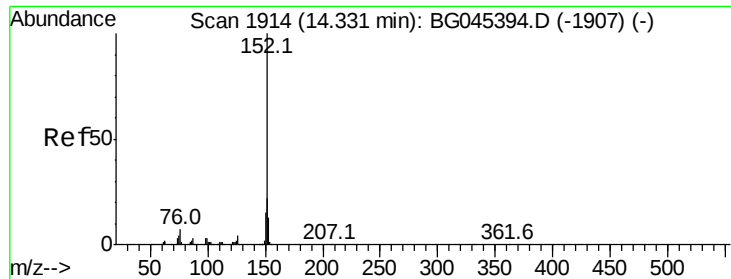
Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.8	80.8
138	101.2	77.9	116.9





#49

Acenaphthylene

Concen: 39.751 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

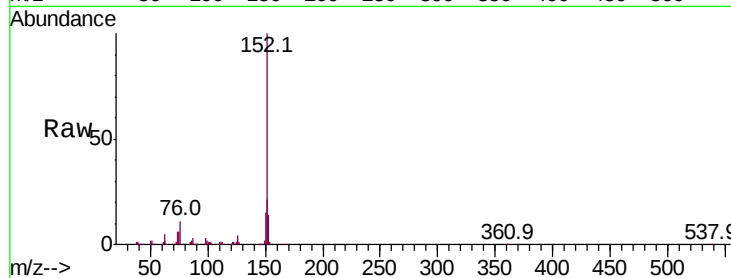
Tot Ion:152 Resp: 606349

Ion Ratio Lower Upper

152 100

151 21.1 17.4 26.2

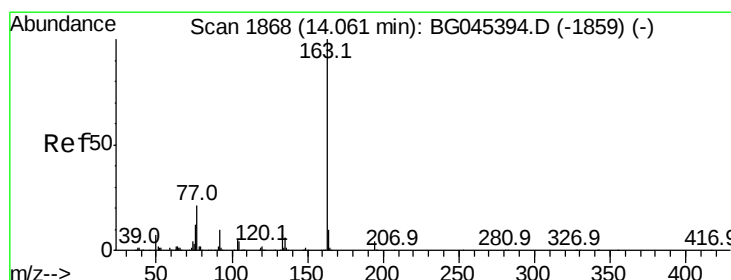
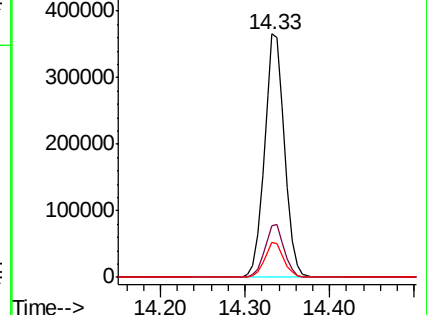
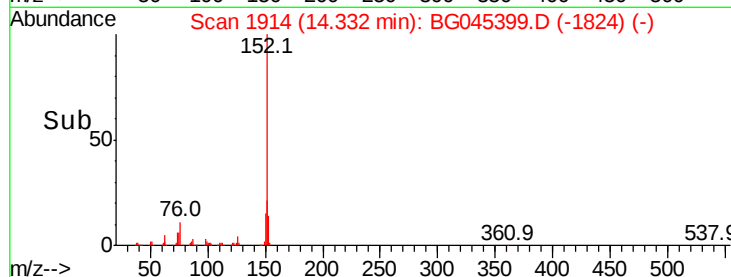
153 14.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.009 ng

RT: 14.07 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

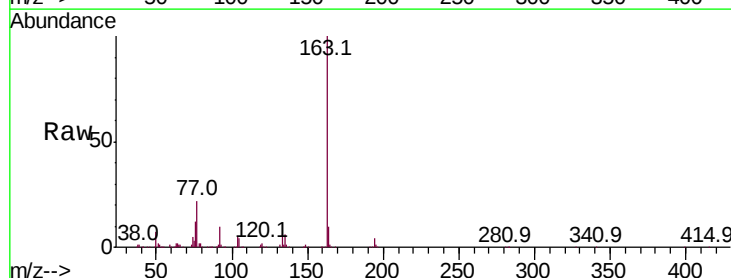
Tgt Ion:163 Resp: 509312

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

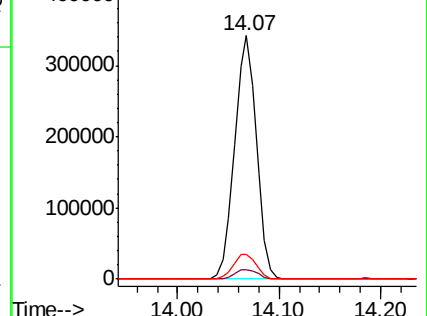
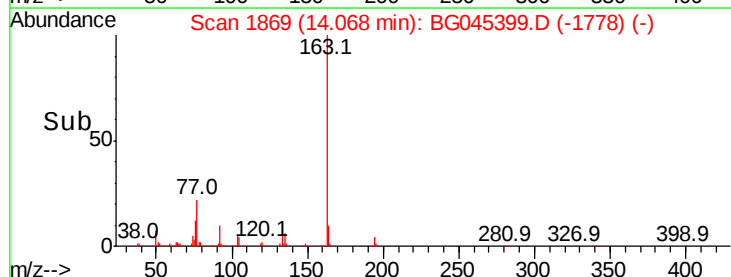
164 10.4 8.3 12.5

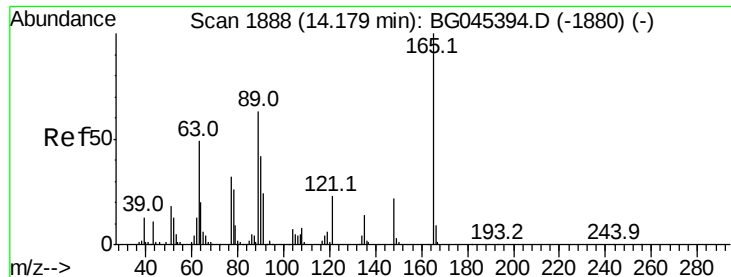


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

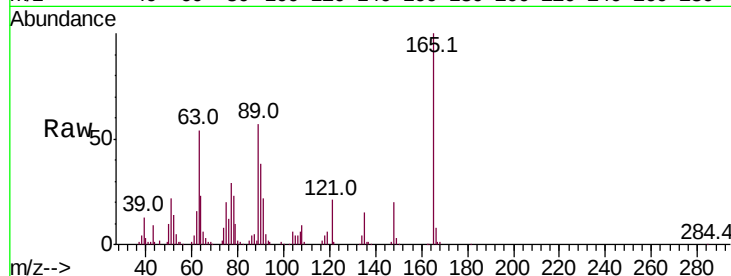




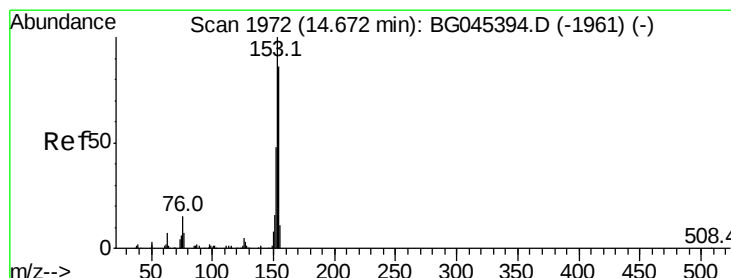
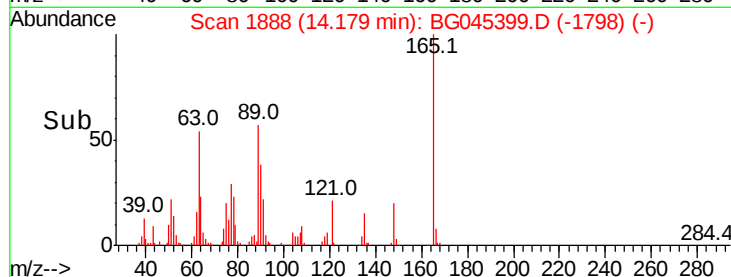
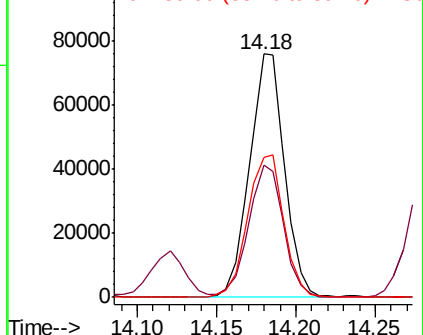
#51
 2,6-Dinitrotoluene
 Concen: 39.506 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion:165 Resp: 116390
 Ion Ratio Lower Upper
 165 100
 63 54.3 45.0 67.4
 89 57.4 50.2 75.4

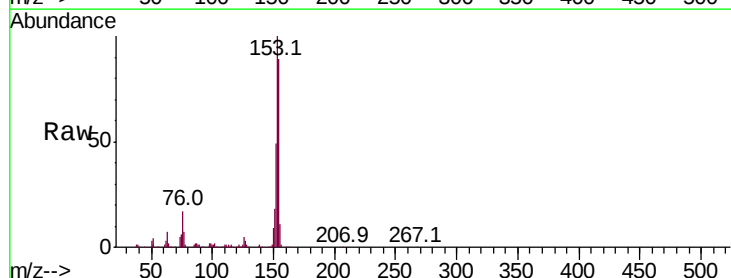


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

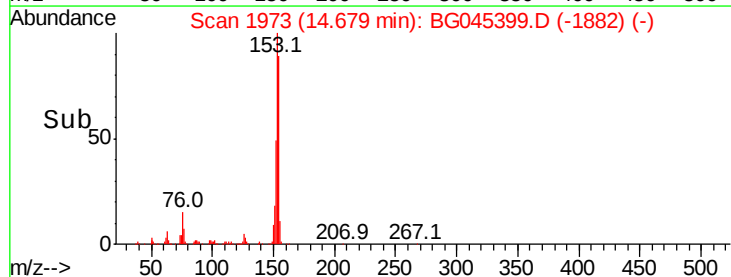
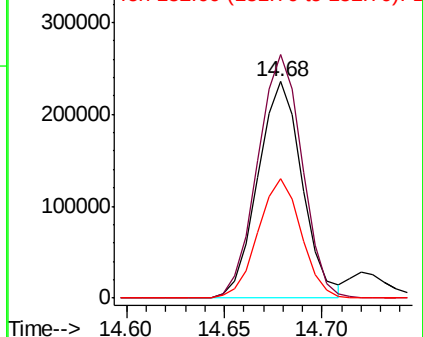


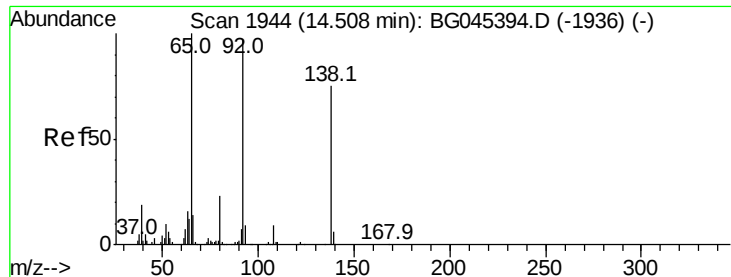
#52
 Acenaphthene
 Concen: 36.216 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion:154 Resp: 369783
 Ion Ratio Lower Upper
 154 100
 153 112.5 92.8 139.2
 152 55.0 44.6 66.8



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

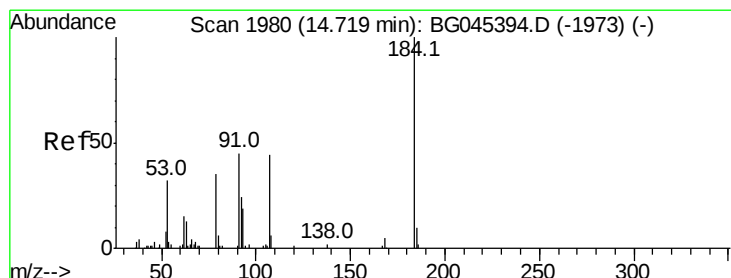
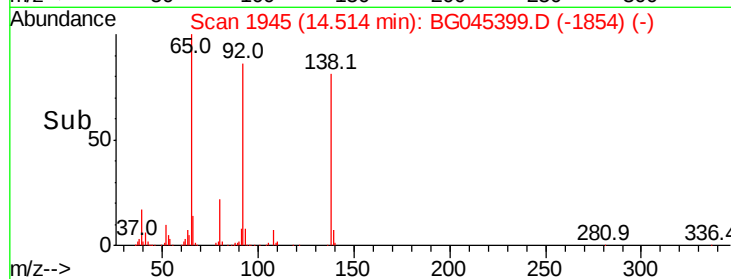
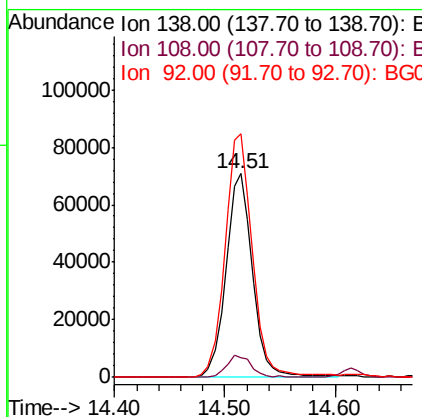
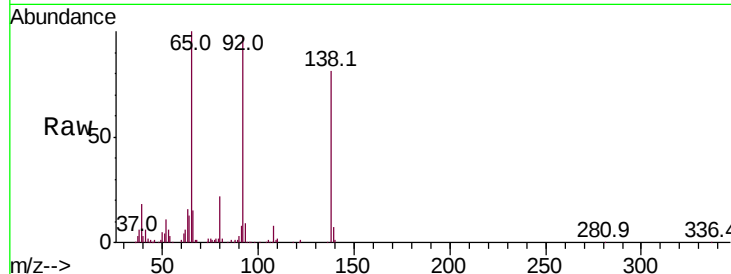




#53
3-Nitroaniline
Concen: 39.772 ng
RT: 14.51 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

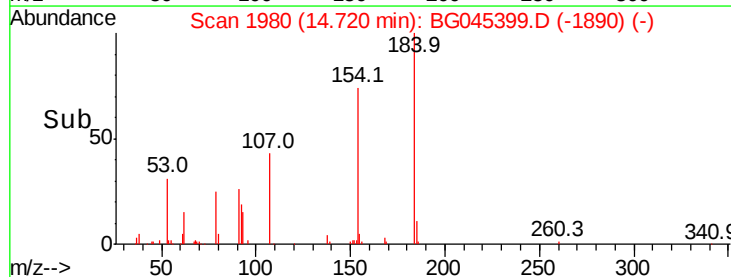
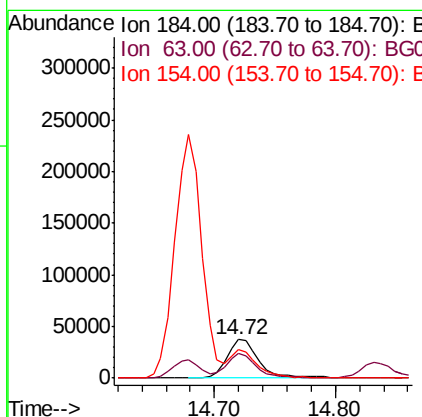
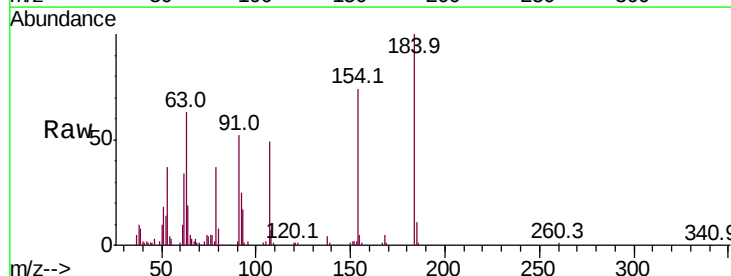
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

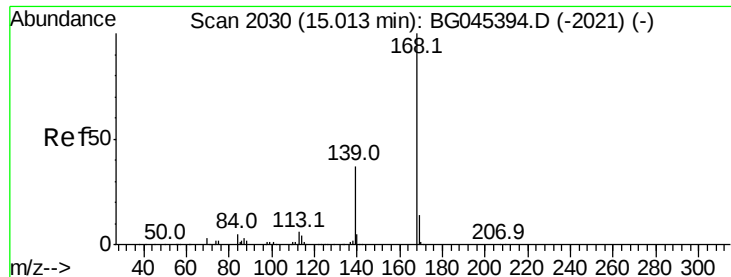
Tot Ion:138 Resp: 119114
Ion Ratio Lower Upper
138 100
108 9.6 9.8 14.6#
92 119.5 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 38.511 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion:184 Resp: 68459
Ion Ratio Lower Upper
184 100
63 62.7 47.8 71.6
154 74.4 58.3 87.5

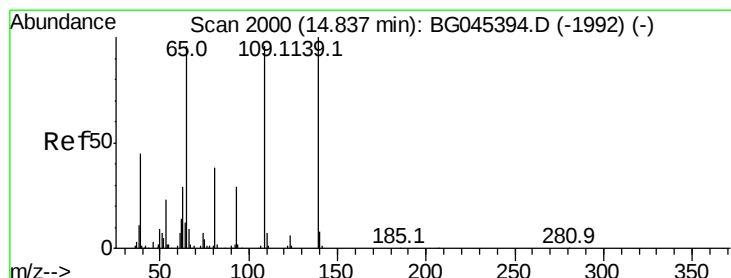
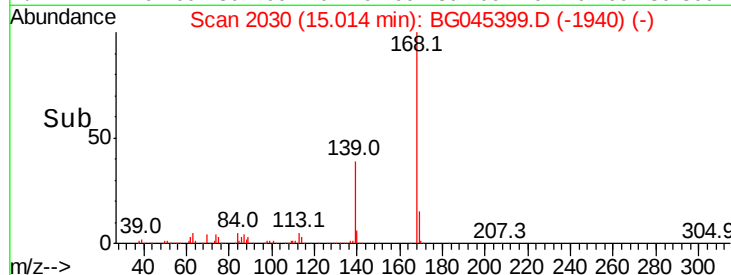
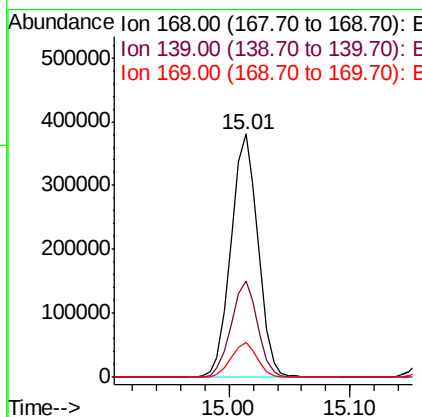
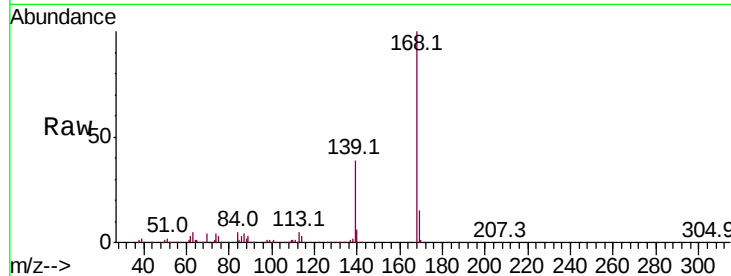




#55
Dibenzenofuran
Concen: 39.053 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

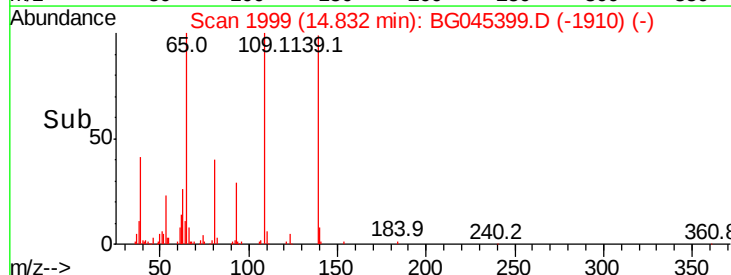
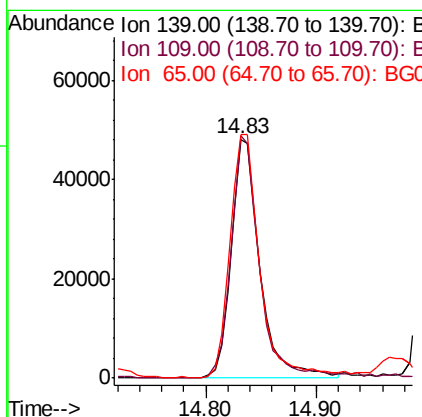
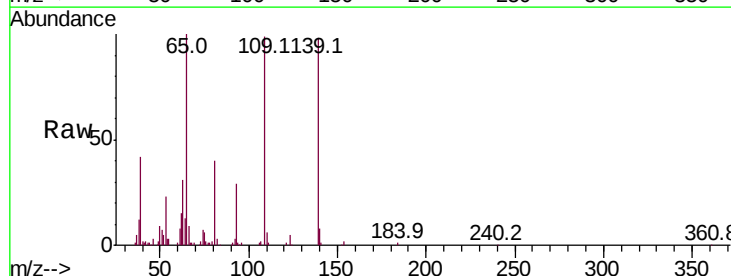
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

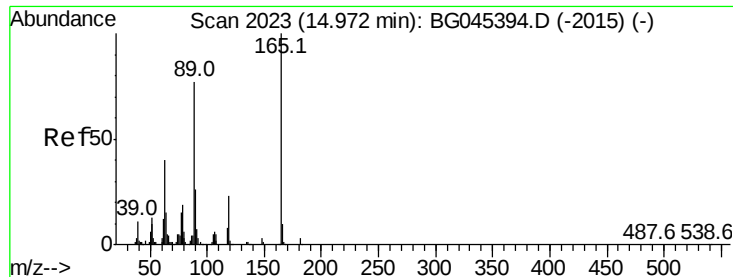
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.9	44.9
169	14.6	10.9	16.3



#56
4-Nitrophenol
Concen: 38.788 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.3	75.6	115.6
65	102.0	76.8	116.8

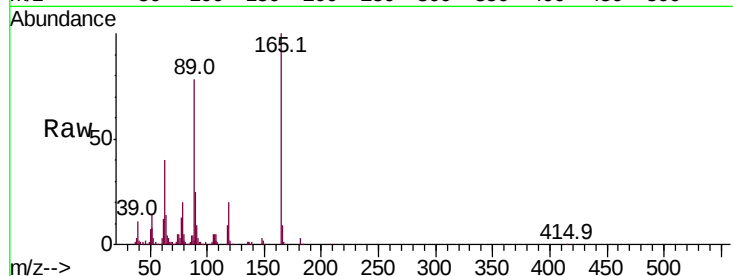




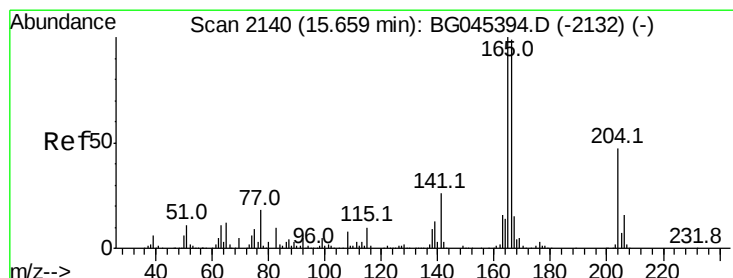
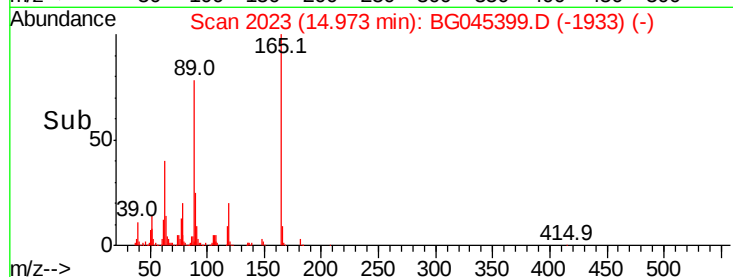
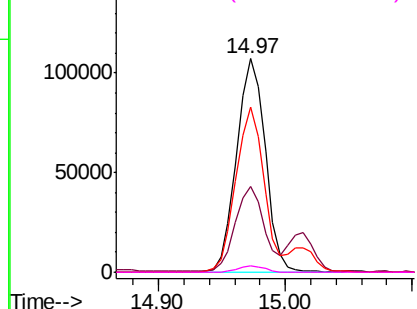
#57
2,4-Dinitrotoluene
Concen: 39.498 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.3	32.5	48.7
89	77.6	61.8	92.6
182	3.0	2.3	3.5

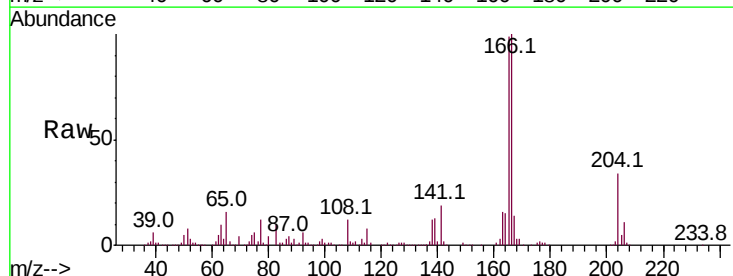


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

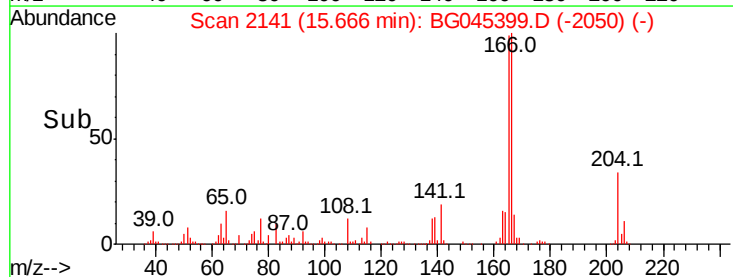
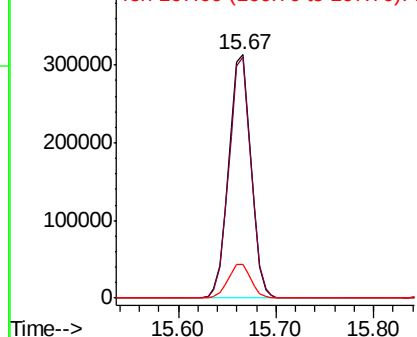


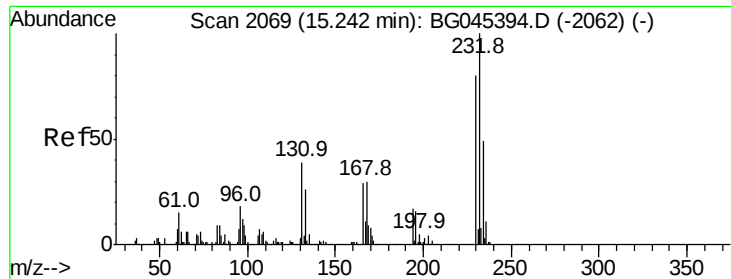
#58
Fluorene
Concen: 39.809 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.8	121.2
167	13.7	12.0	18.0



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

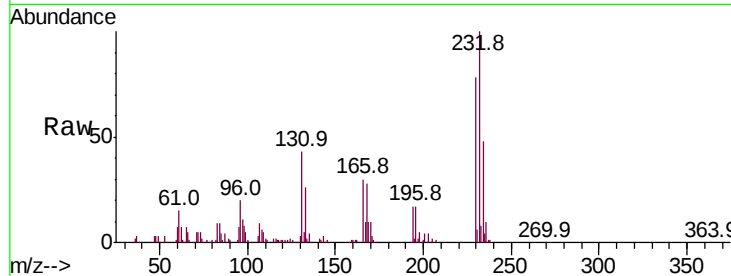




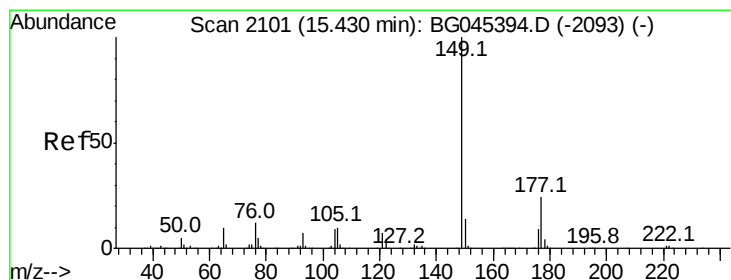
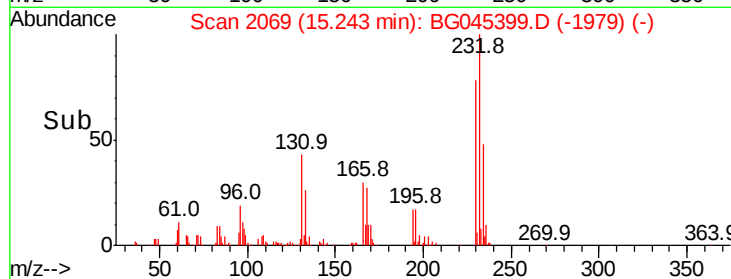
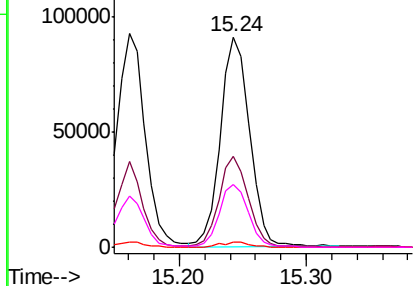
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.010 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG051520

Tot Ion:	232	Resp:	144832
Ion	Ratio	Lower	Upper
232	100		
131	44.0	33.7	50.5
130	2.5	2.1	3.1
166	30.5	23.2	34.8

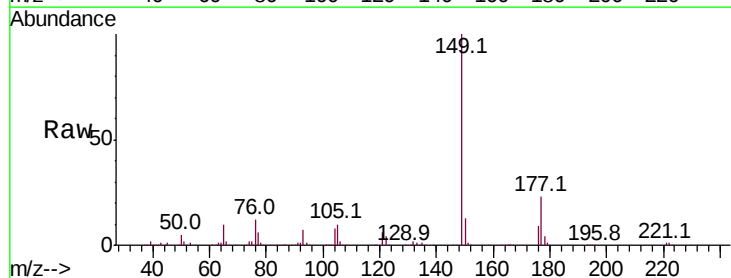


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

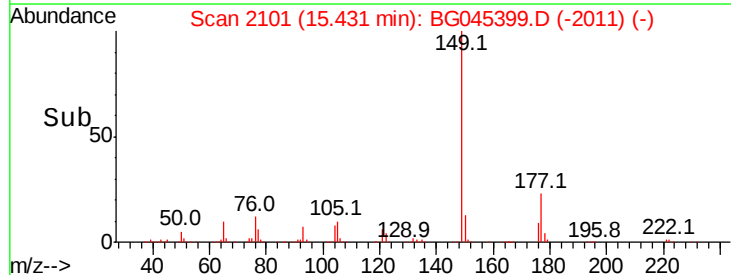
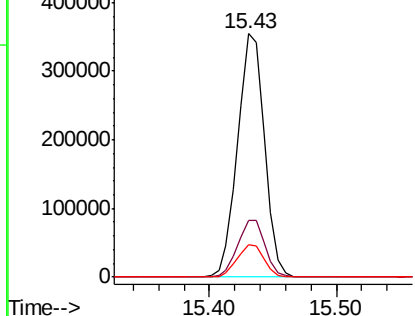


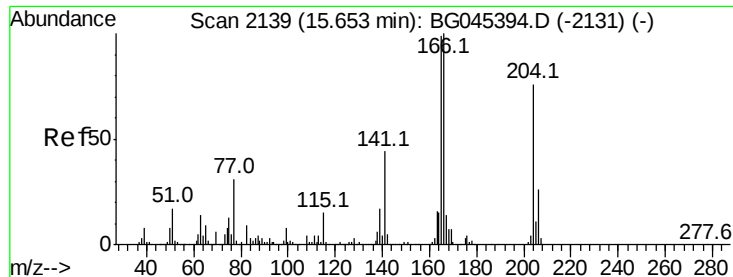
#60
 Diethylphthalate
 Concen: 38.183 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG045399.D
 Acq: 15 May 2020 16:31

Tgt Ion:	149	Resp:	518881
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.4
150	13.3	11.4	17.0



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

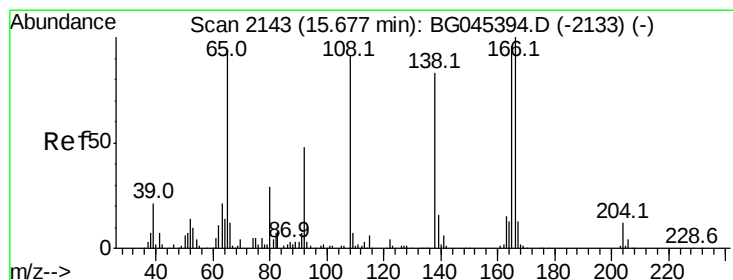
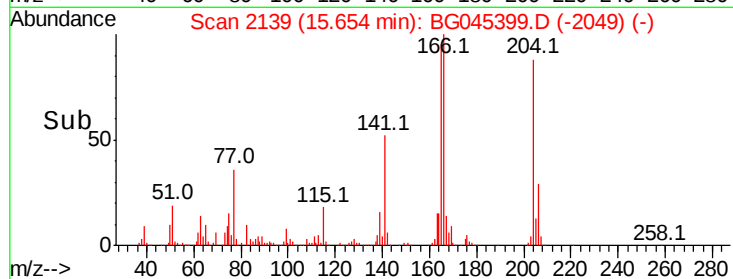
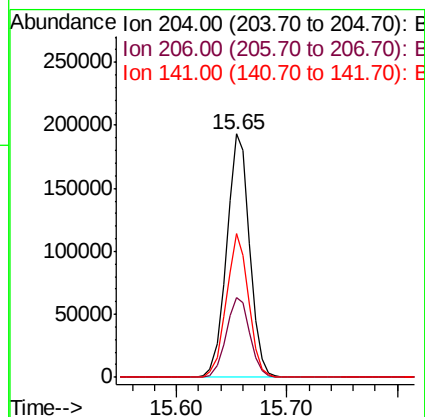
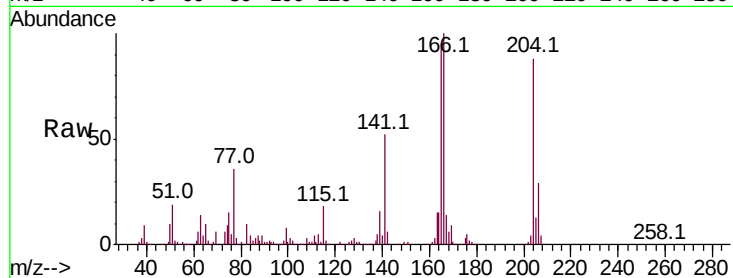




#61
4-Chlorophenyl-phenylether
Concen: 39.272 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

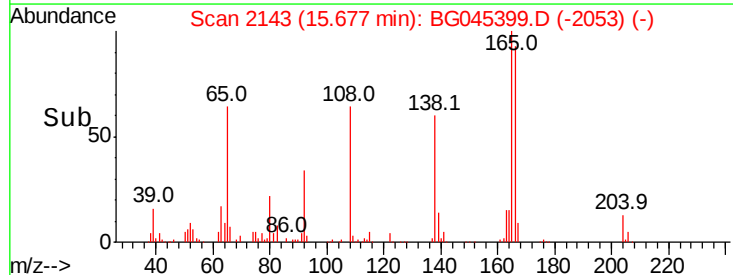
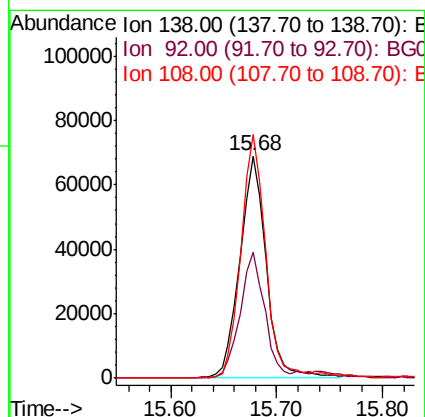
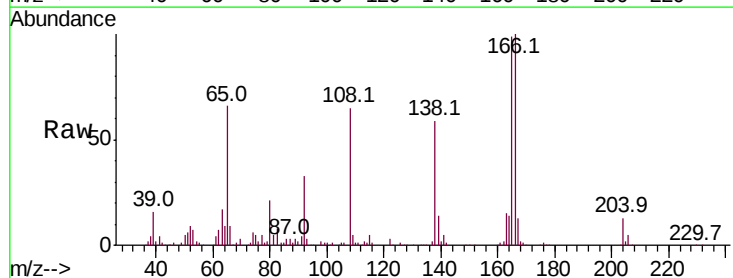
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

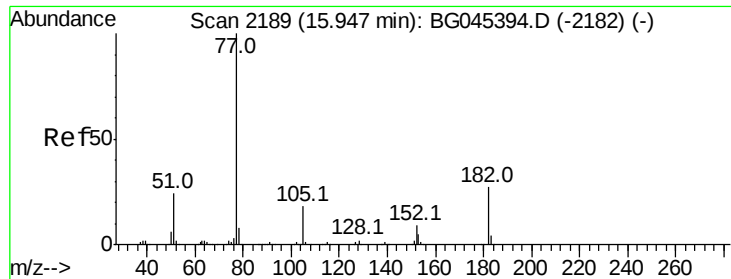
Tot Ion:204 Resp: 279947
Ion Ratio Lower Upper
204 100
206 32.7 27.3 40.9
141 58.8 45.9 68.9



#62
4-Nitroaniline
Concen: 38.144 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion:138 Resp: 119260
Ion Ratio Lower Upper
138 100
92 56.4 38.0 78.0
108 109.5 89.3 129.3





#63

Azobenzene

Concen: 38.964 ng

RT: 15.95 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

Tot Ion: 77 Resp: 493725

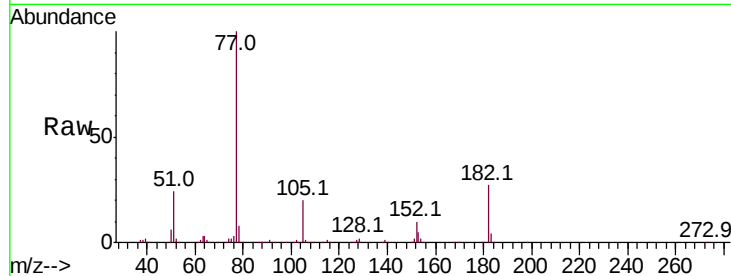
Ion Ratio Lower Upper

77 100

182 26.9 6.5 46.5

105 20.2 0.0 37.9

51 24.1 4.1 44.1

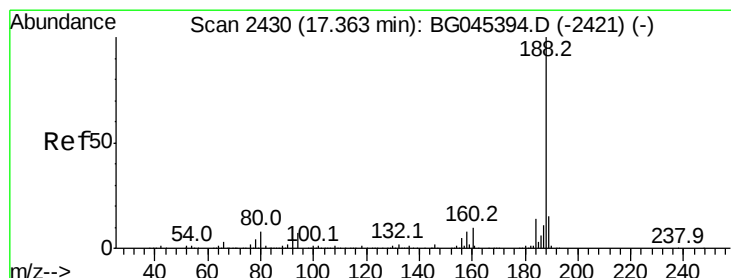
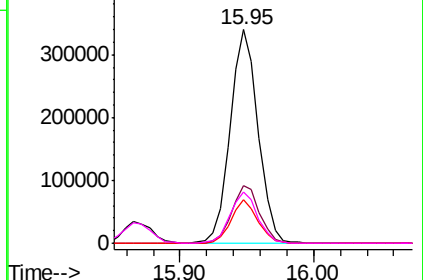
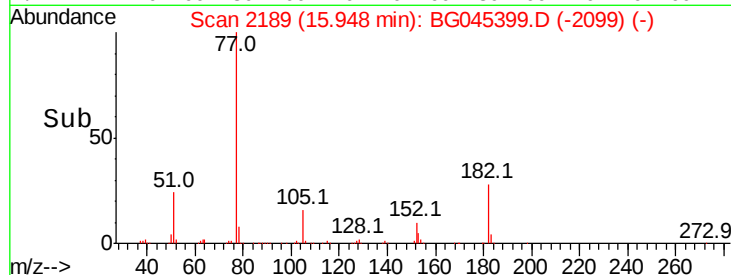


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

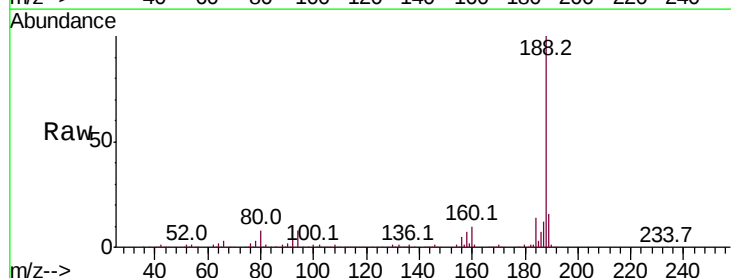
Tgt Ion: 188 Resp: 439355

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

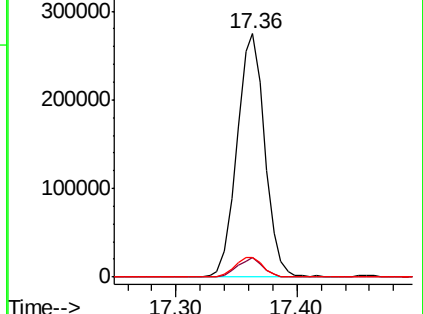
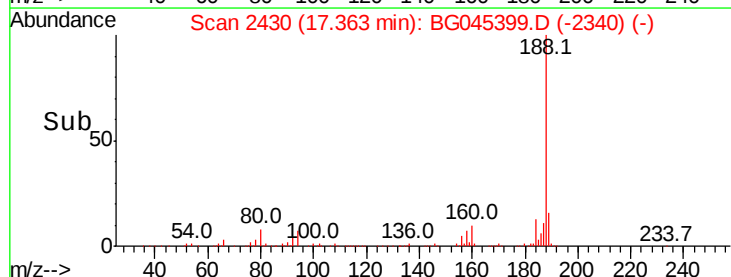
80 7.8 6.6 10.0

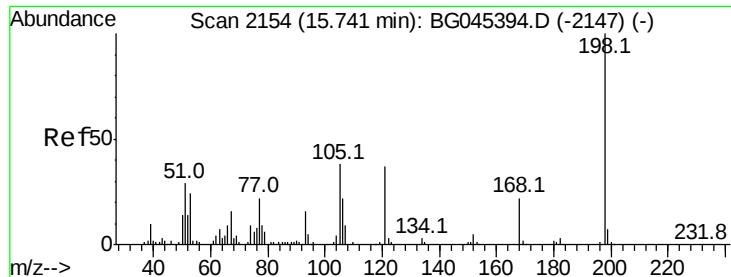


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

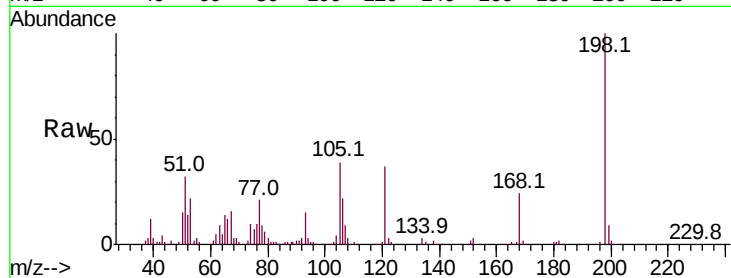




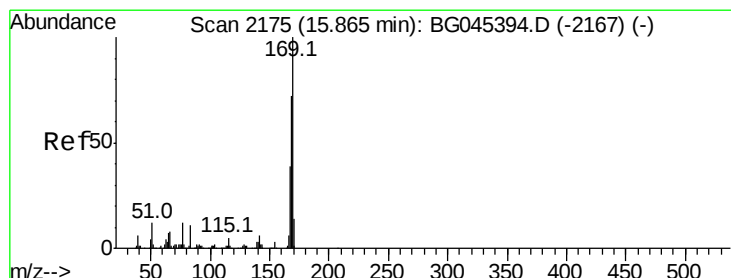
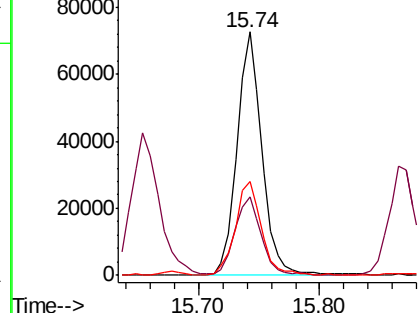
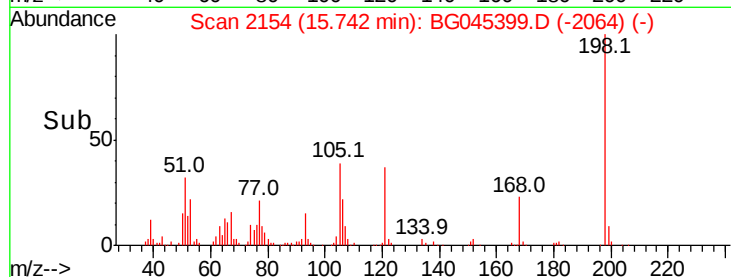
#65
4,6-Dinitro-2-methylphenol
Concen: 40.921 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.2	10.0	50.0
105	38.7	18.9	58.9

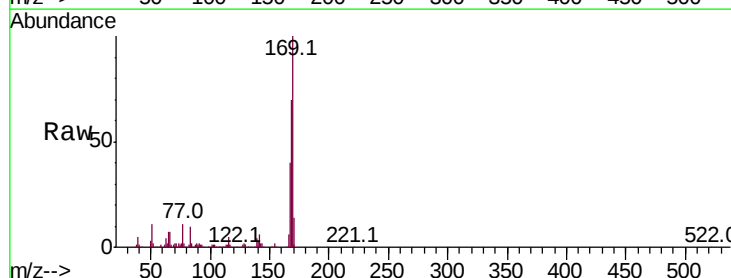


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

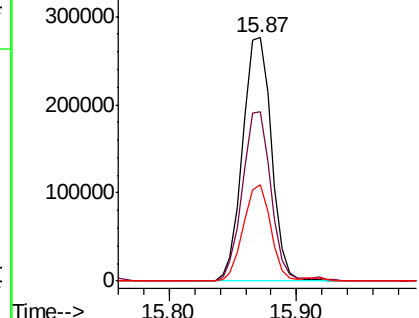
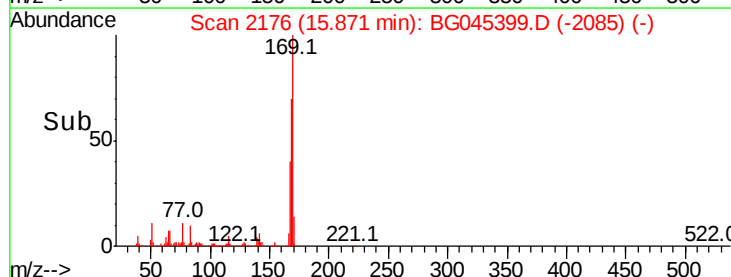


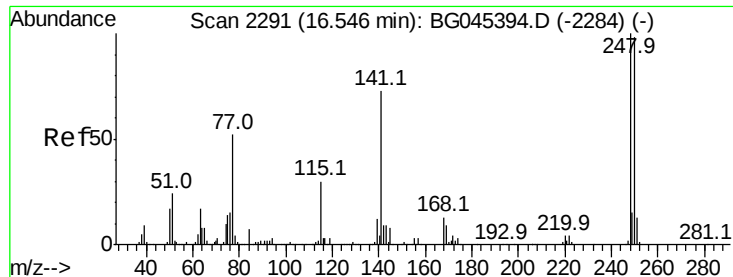
#66
n-Nitrosodiphenylamine
Concen: 41.139 ng
RT: 15.87 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	57.8	86.6
167	39.8	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

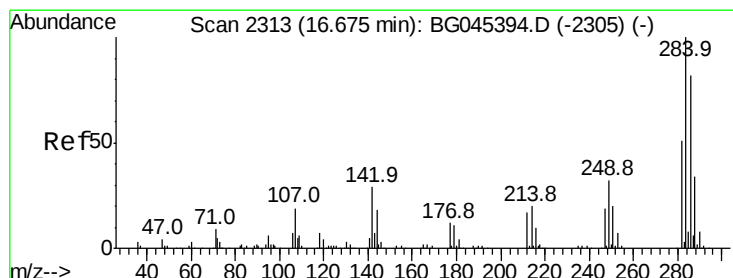
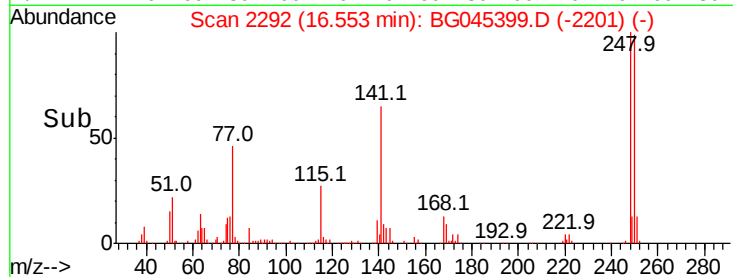
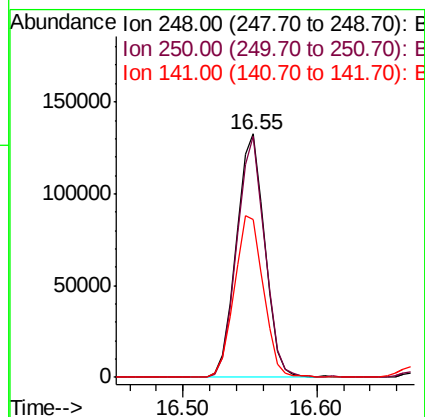
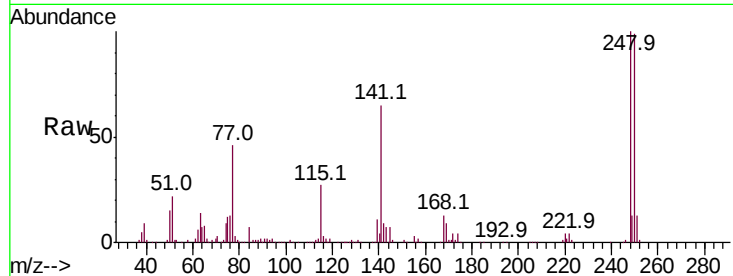




#67
4-Bromophenyl-phenylether
Concen: 41.073 ng
RT: 16.55 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

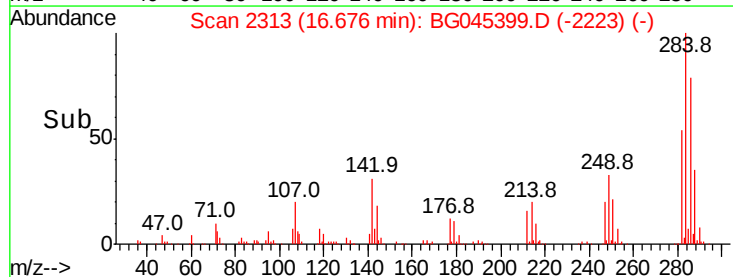
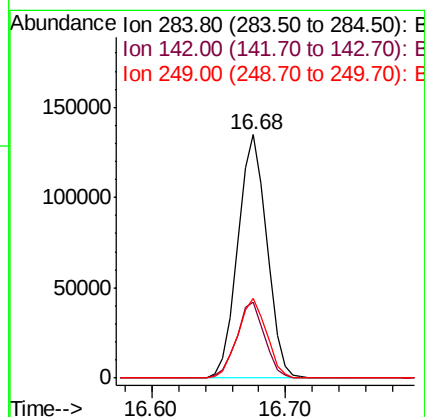
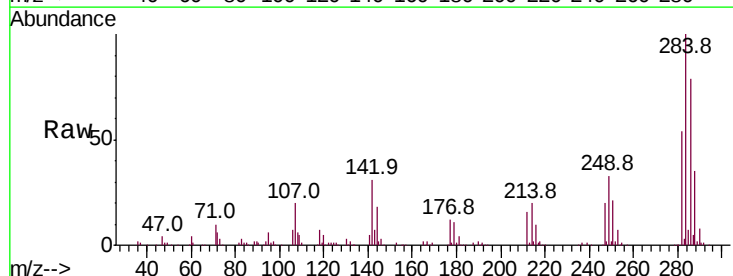
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

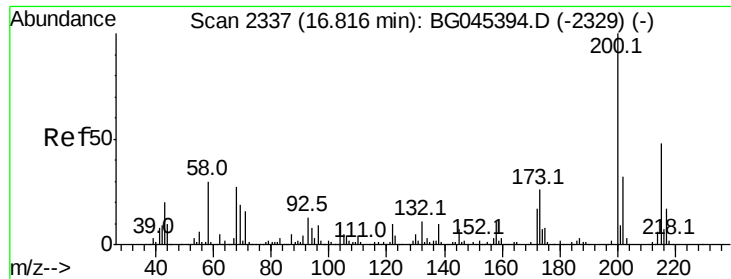
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.6	117.8
141	64.9	58.2	87.2



#68
Hexachlorobenzene
Concen: 40.845 ng
RT: 16.68 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.0	34.6
249	32.9	25.8	38.6





#69

Atrazine

Concen: 40.587 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

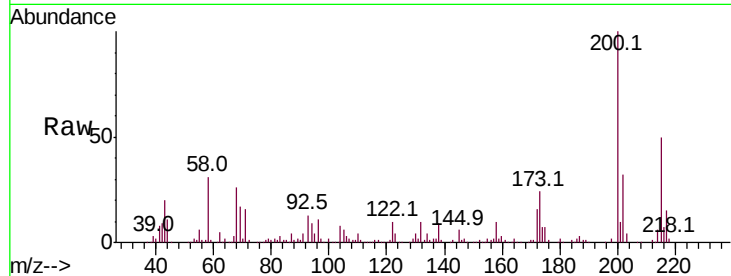
Tot Ion:200 Resp: 176349

Ion Ratio Lower Upper

200 100

173 23.9 5.5 45.5

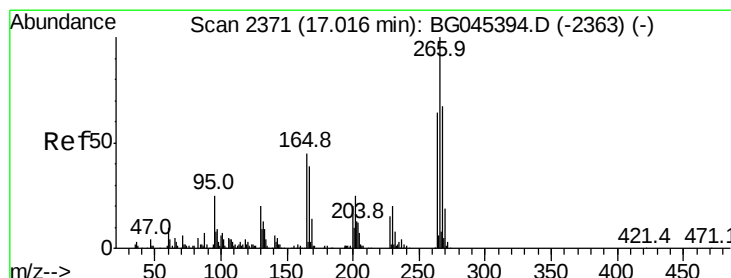
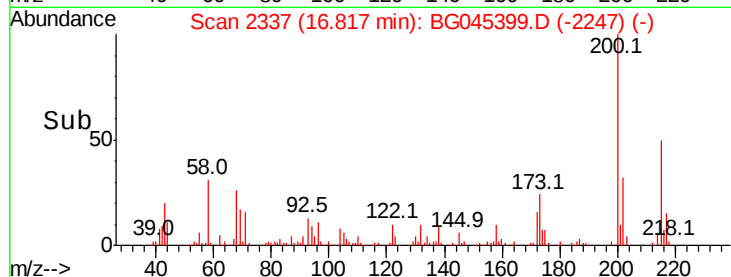
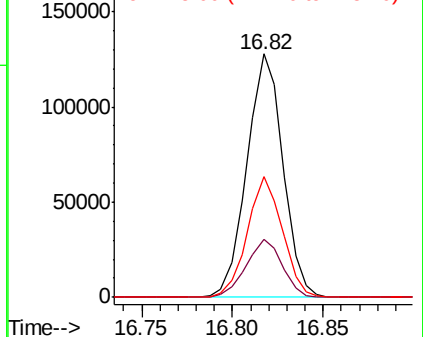
215 49.5 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.513 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

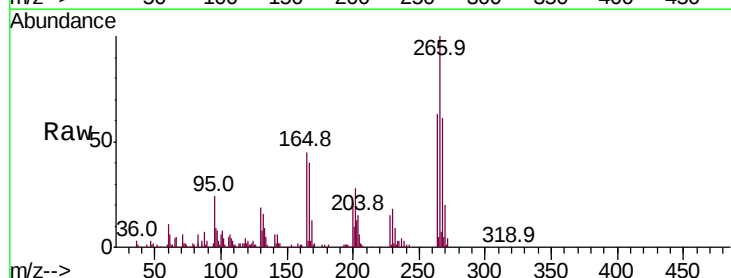
Tgt Ion:266 Resp: 109842

Ion Ratio Lower Upper

266 100

268 61.3 53.2 79.8

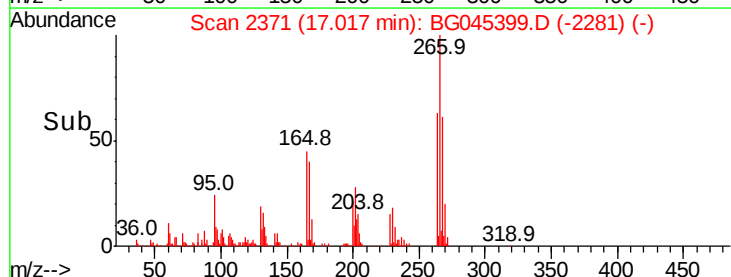
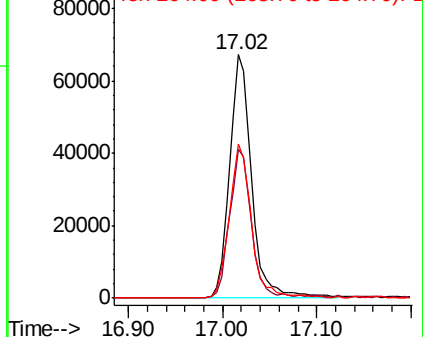
264 63.0 51.0 76.4

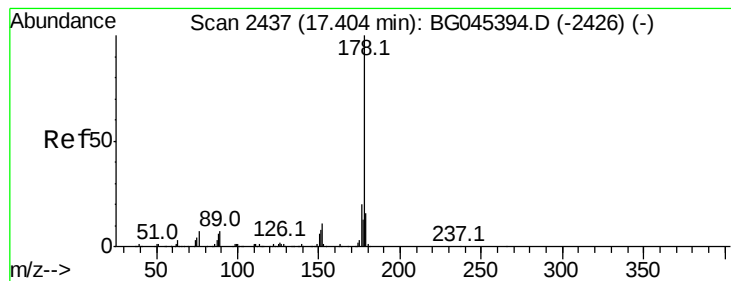


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.775 ng

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

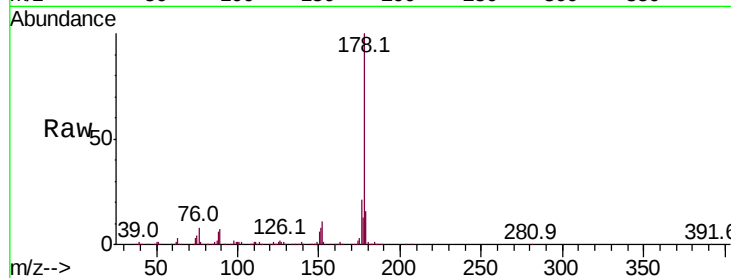
Tot Ion:178 Resp: 782072

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

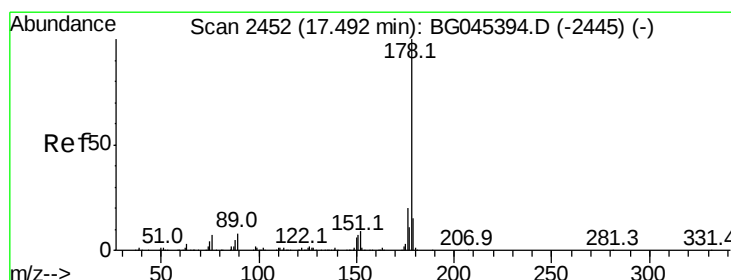
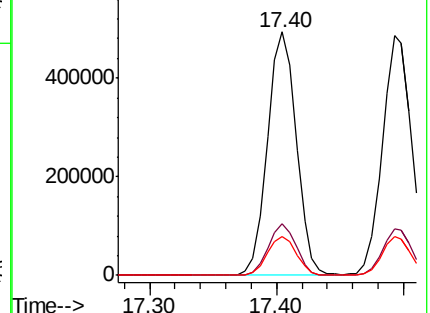
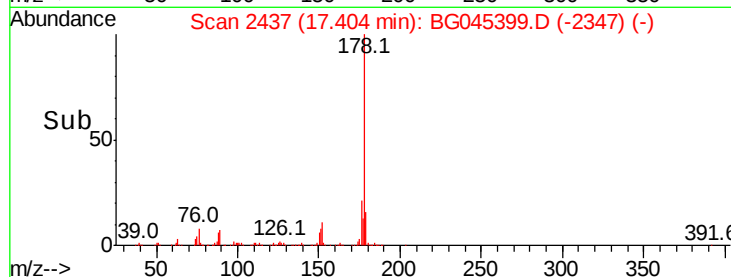
179 16.2 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.523 ng

RT: 17.49 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

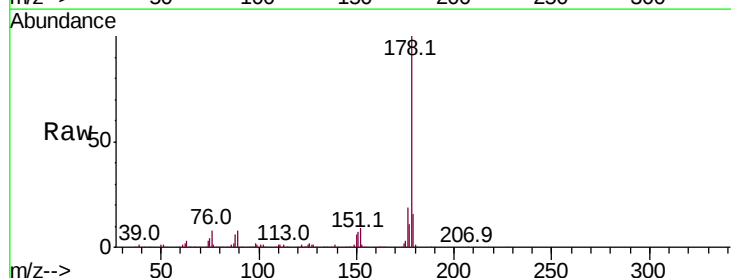
Tgt Ion:178 Resp: 780526

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

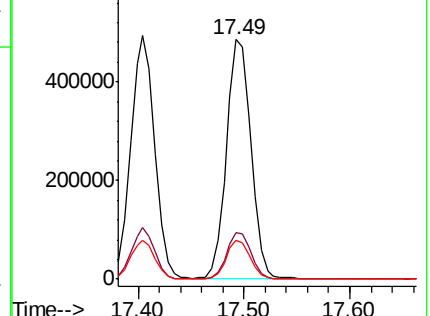
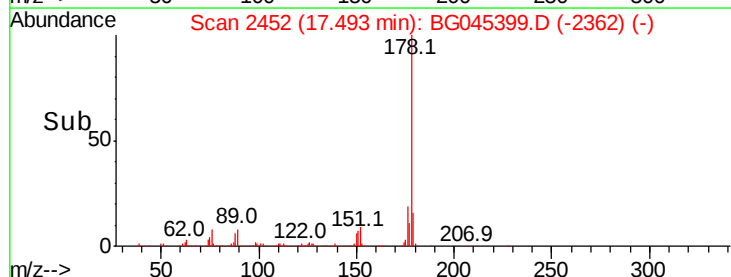
179 16.2 12.2 18.4

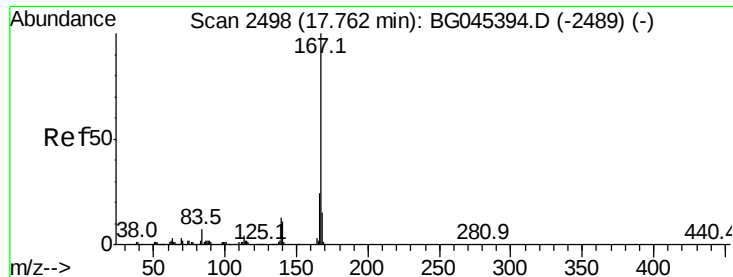


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.690 ng

RT: 17.76 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

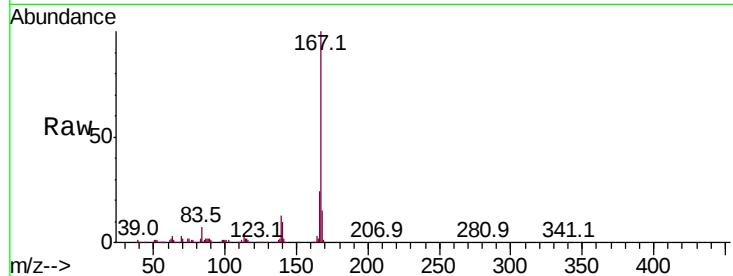
Tot Ion:167 Resp: 763961

Ion Ratio Lower Upper

167 100

166 24.0 19.2 28.8

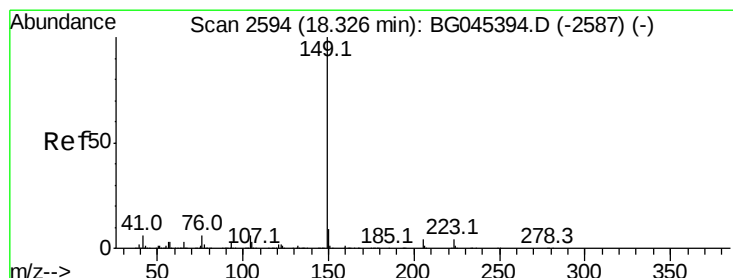
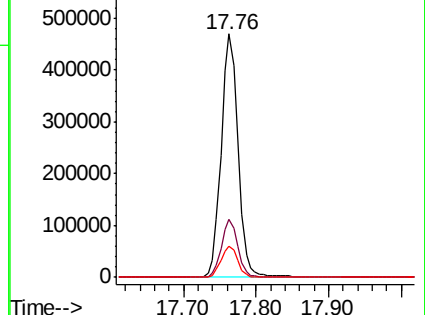
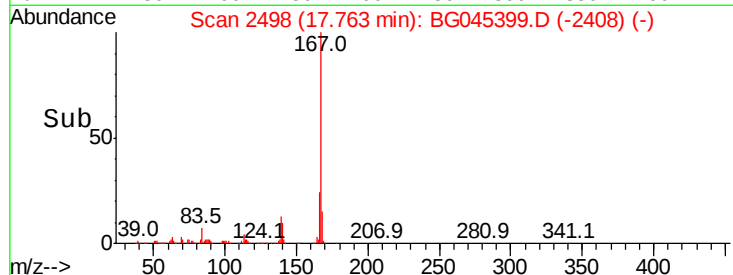
139 12.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.091 ng

RT: 18.33 min Scan# 2594

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

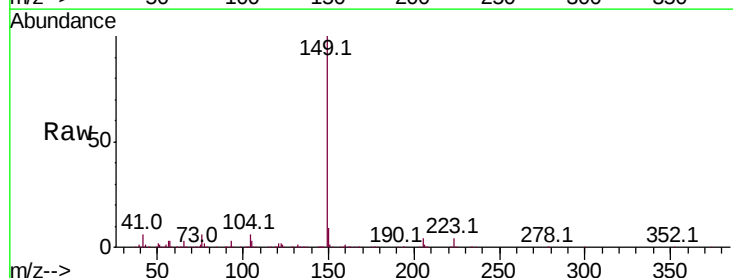
Tgt Ion:149 Resp: 903444

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

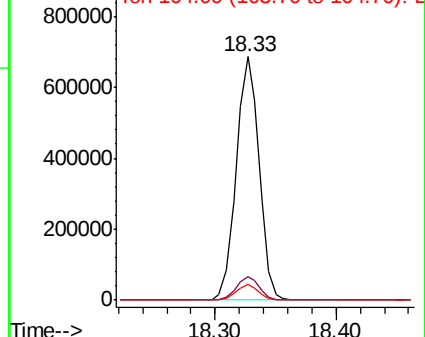
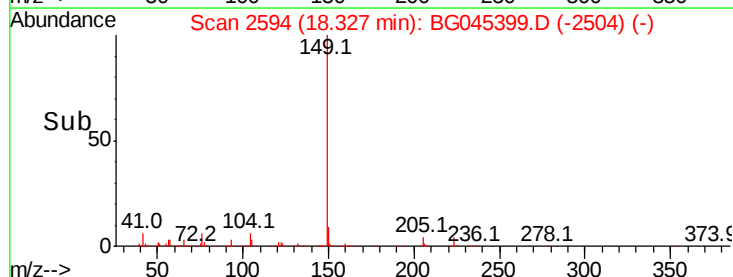
104 6.4 5.0 7.4

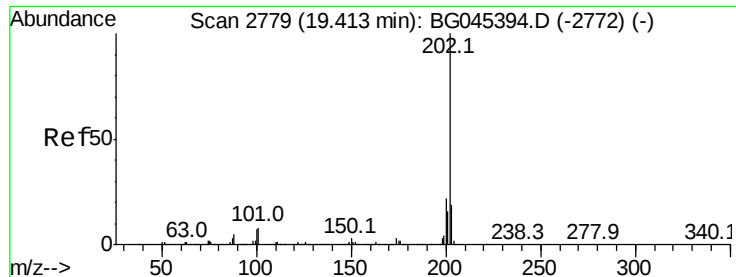


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.272 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

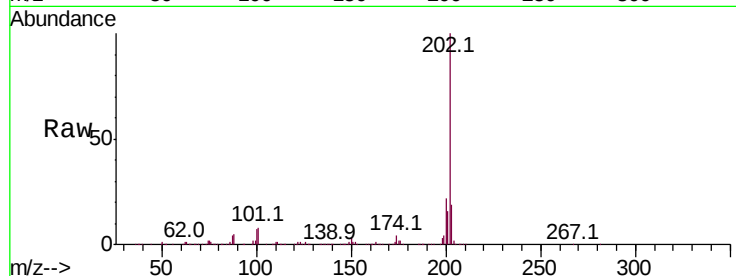
Tot Ion:202 Resp: 982474

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.3

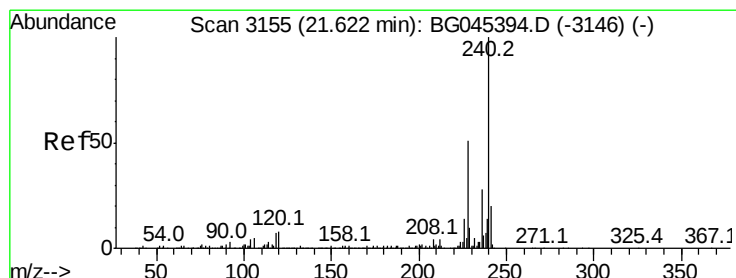
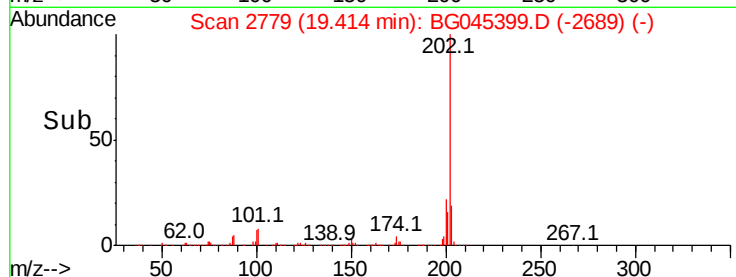
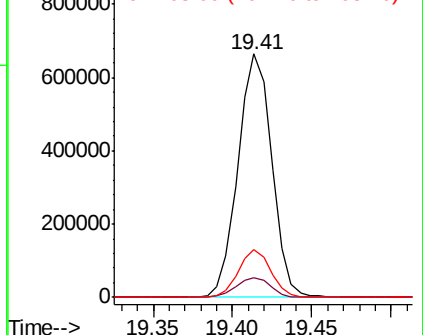
203 19.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

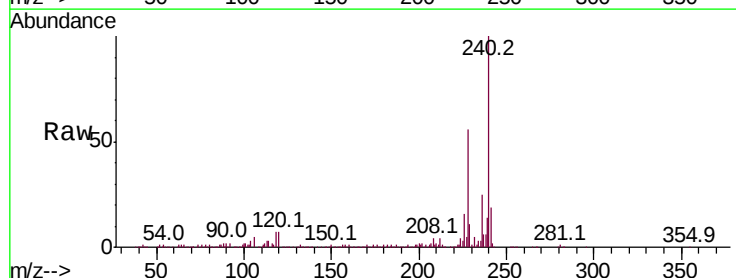
Tgt Ion:240 Resp: 420810

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

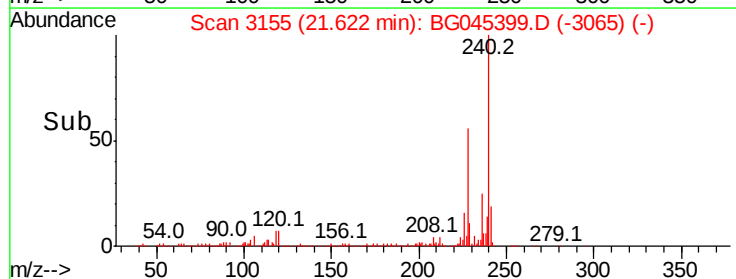
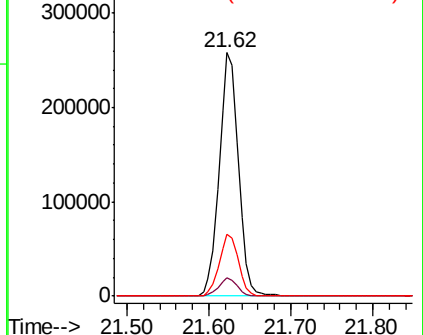
236 25.4 22.3 33.5

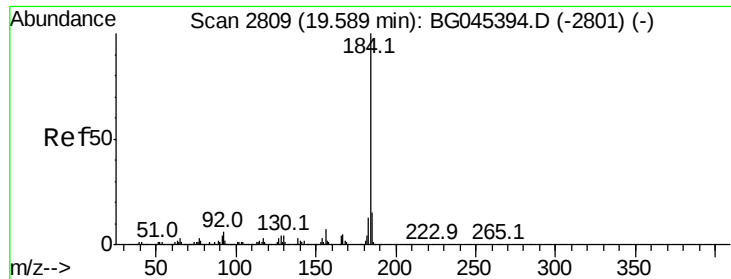


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.136 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

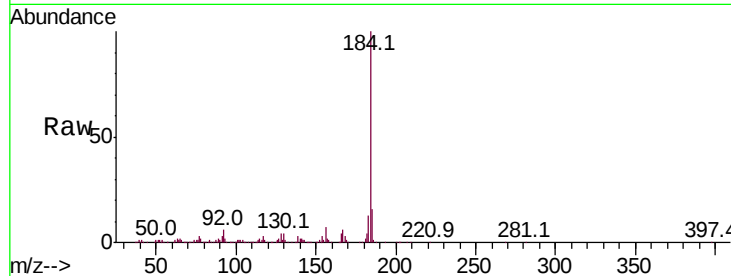
Tot Ion:184 Resp: 474355

Ion Ratio Lower Upper

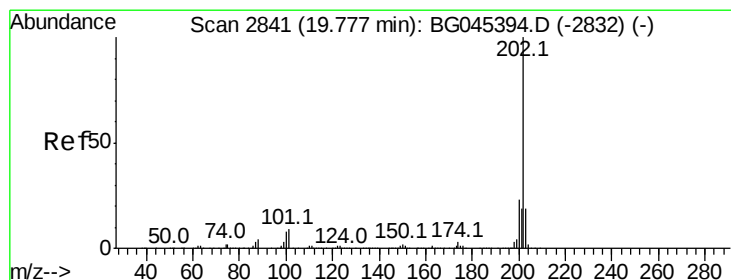
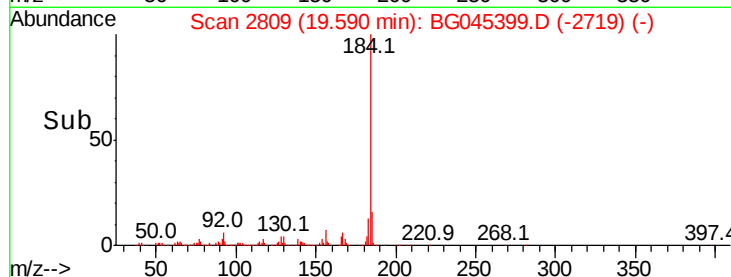
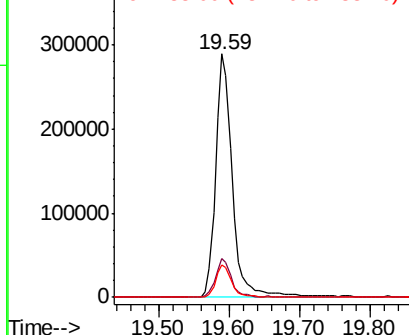
184 100

185 15.8 11.7 17.5

183 13.1 10.2 15.4



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



#78

Pyrene

Concen: 41.349 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

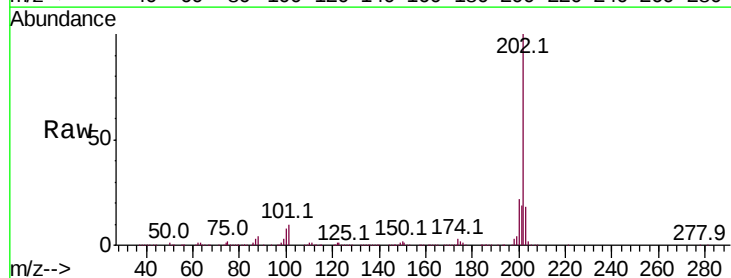
Tgt Ion:202 Resp: 991877

Ion Ratio Lower Upper

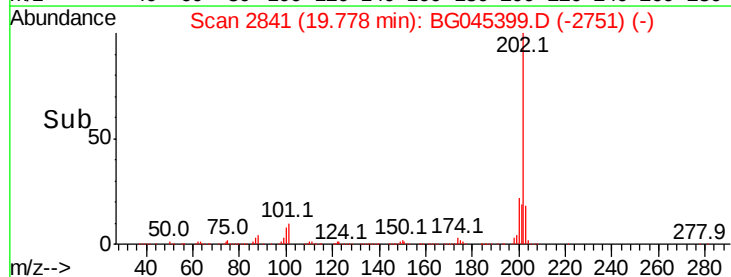
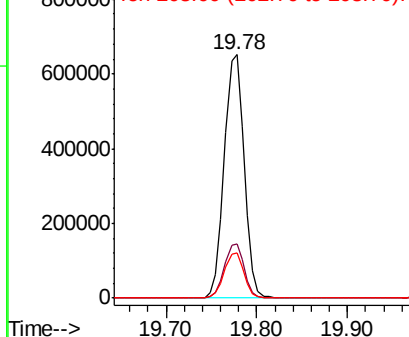
202 100

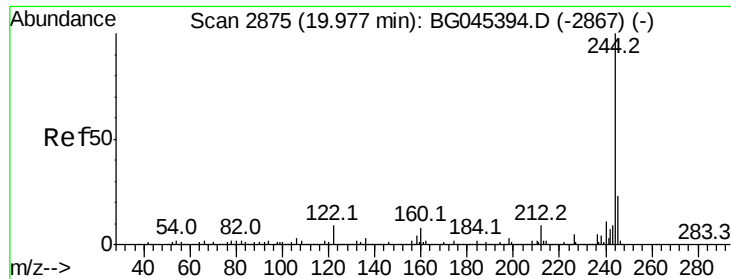
200 22.1 18.2 27.2

203 18.5 15.1 22.7



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





#79

Terphenyl-d14

Concen: 83.468 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampled :

ICVBG051520

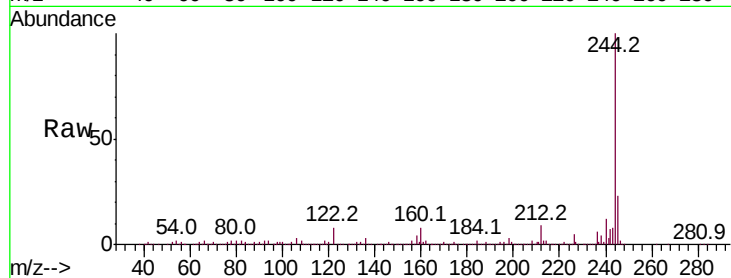
Tot Ion:244 Resp: 1505983

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

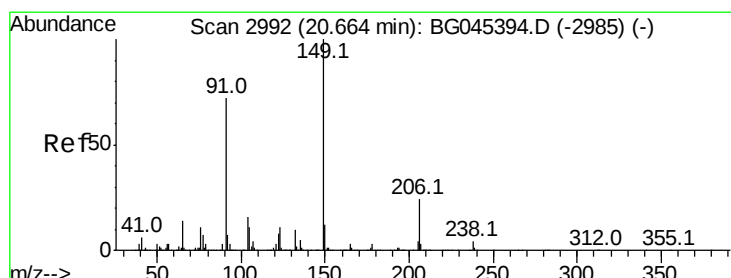
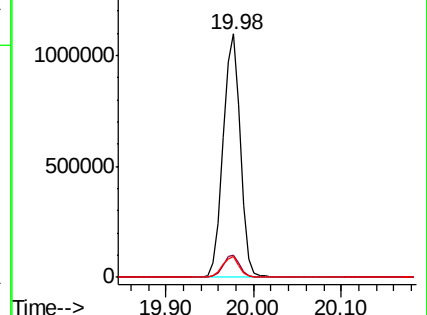
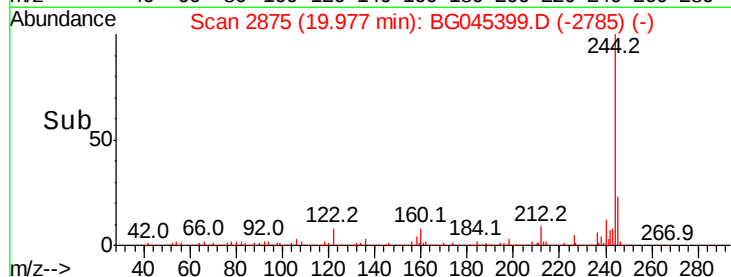
122 8.3 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.225 ng

RT: 20.66 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

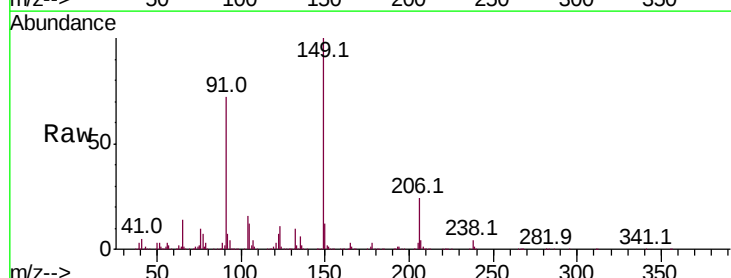
Tgt Ion:149 Resp: 416485

Ion Ratio Lower Upper

149 100

91 72.2 57.8 86.6

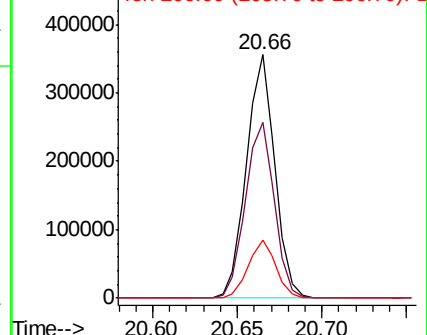
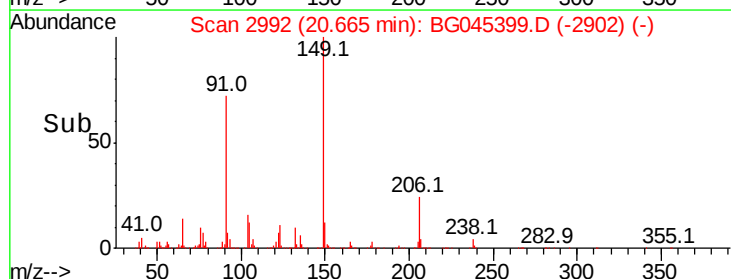
206 24.0 19.1 28.7

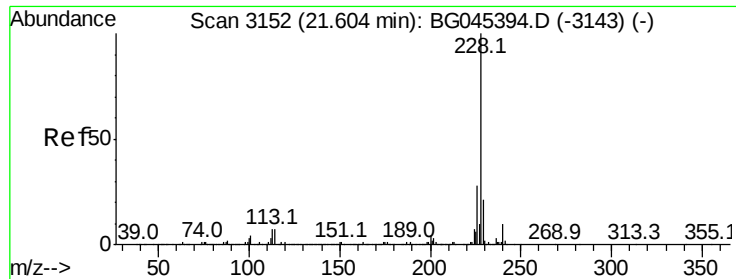


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.531 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

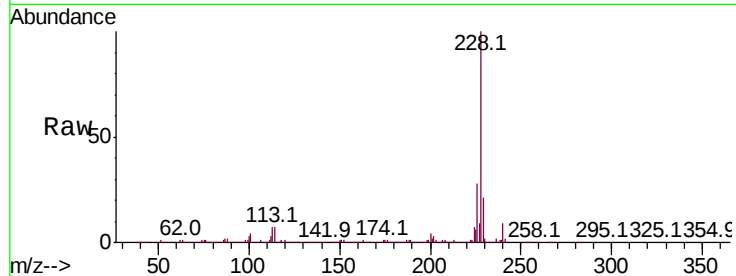
BNA_G

ClientSampleId :

ICVBG051520

Tot Ion:228 Resp: 950133

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.9	16.7	25.1

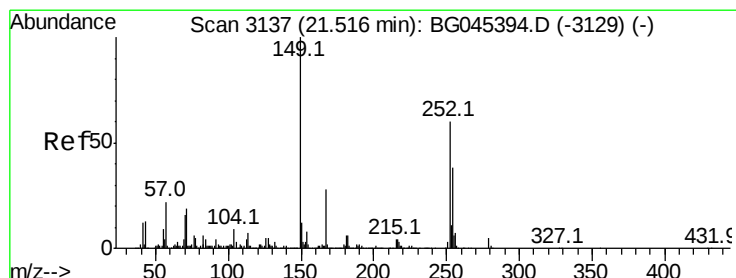
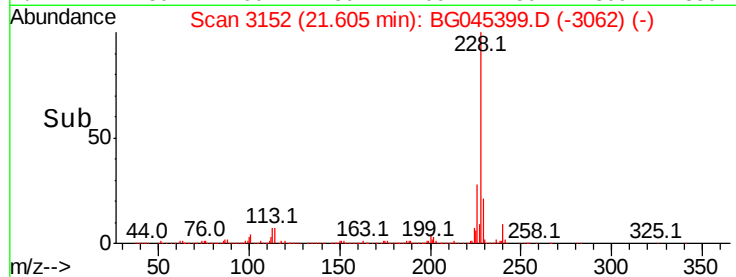
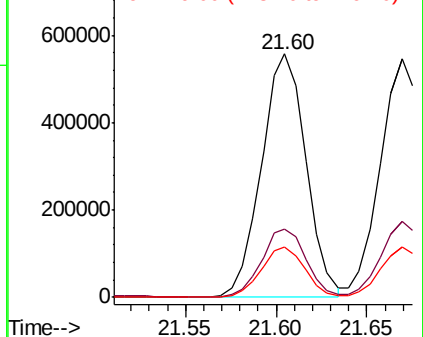


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.814 ng

RT: 21.52 min Scan# 3138

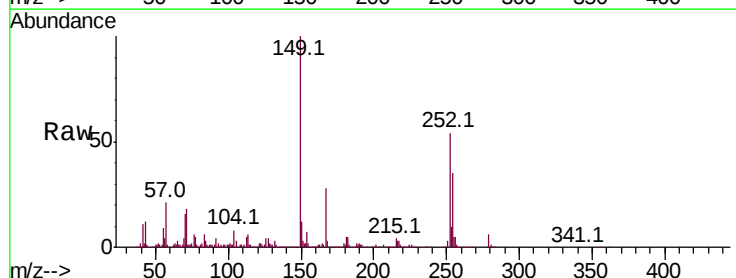
Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Tgt Ion:252 Resp: 375296

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	8.3	6.6	10.0

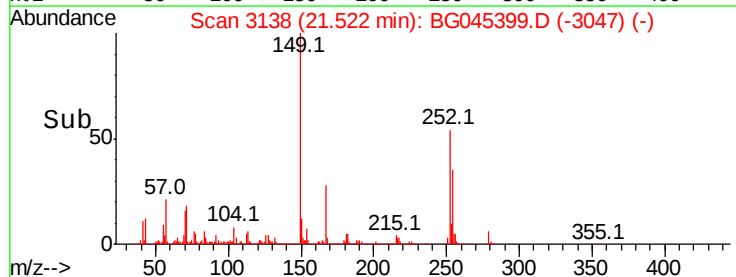
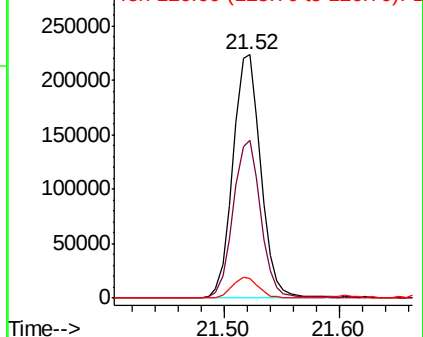


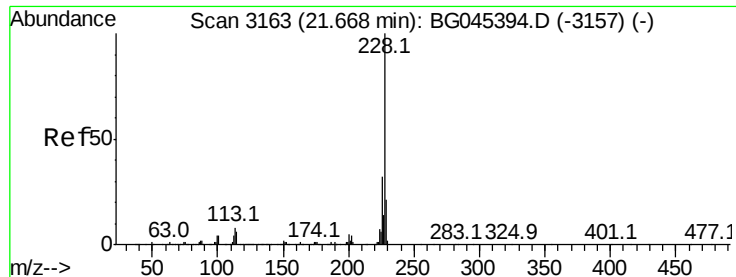
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.847 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

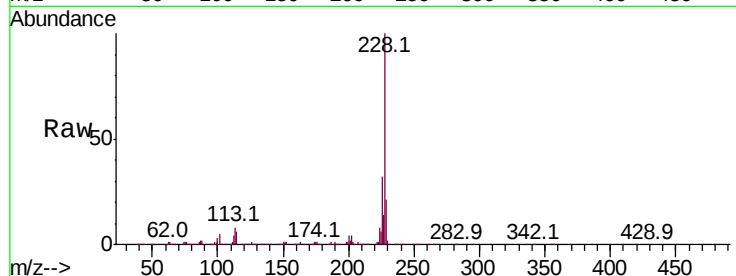
Tot Ion:228 Resp: 920715

Ion Ratio Lower Upper

228 100

226 31.8 25.2 37.8

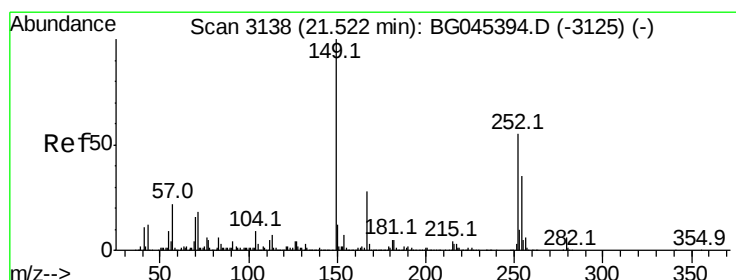
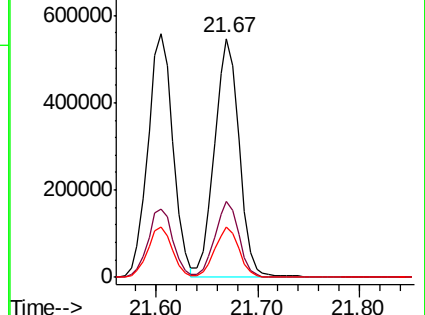
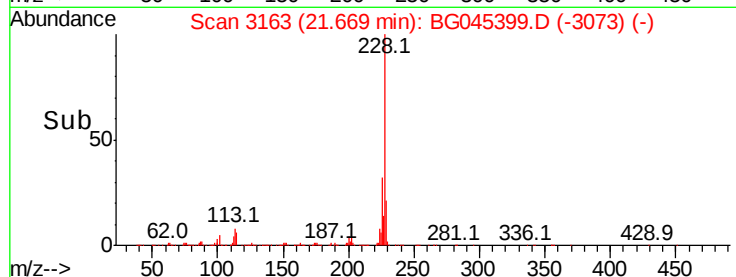
229 20.8 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.826 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

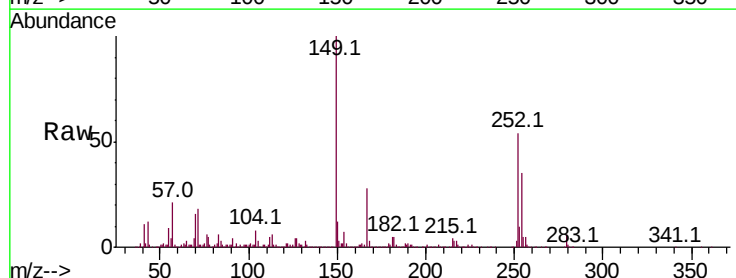
Tgt Ion:149 Resp: 581071

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

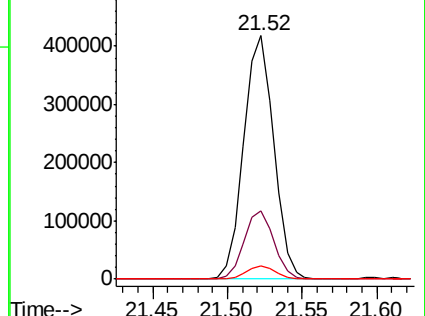
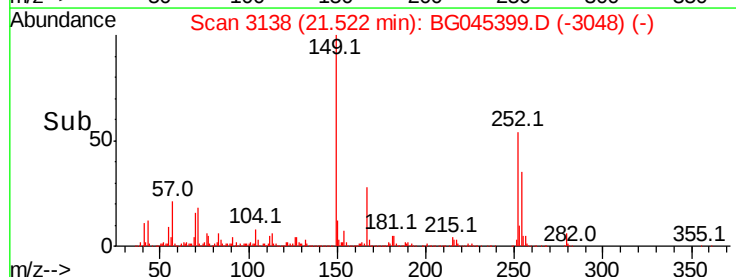
279 5.6 4.7 7.1

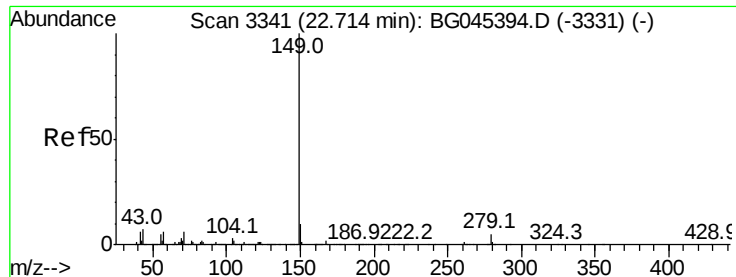


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.527 ng

RT: 22.71 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

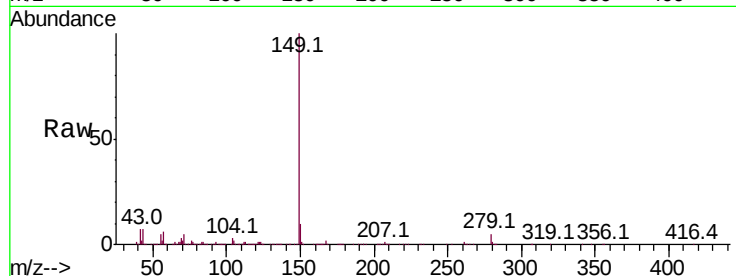
Tot Ion:149 Resp: 1015136

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

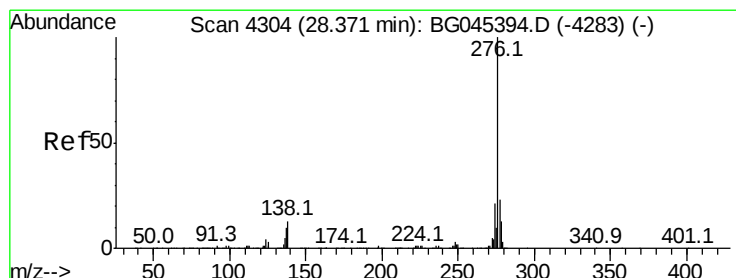
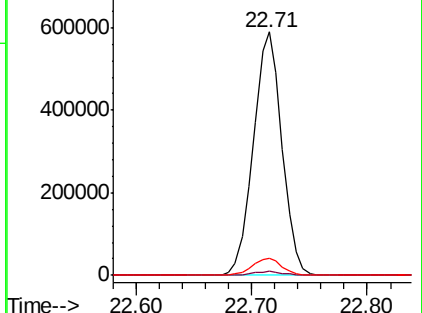
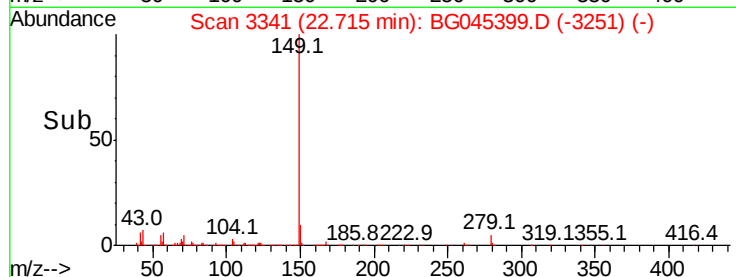
43 7.1 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.765 ng

RT: 28.38 min Scan# 4305

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

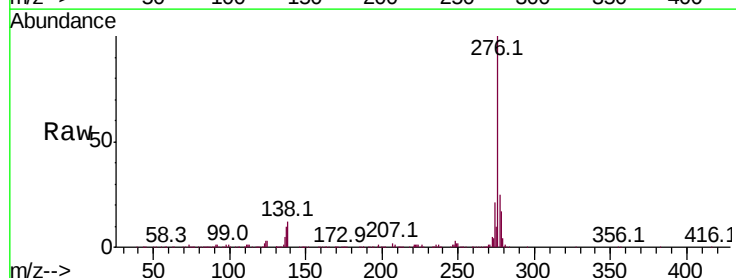
Tgt Ion:276 Resp: 1201579

Ion Ratio Lower Upper

276 100

138 11.3 8.6 12.8

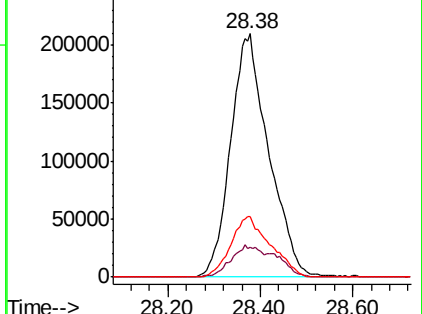
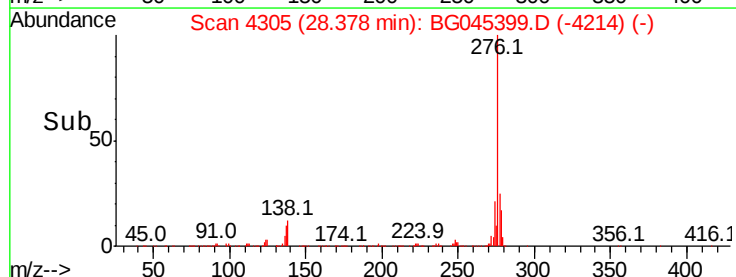
277 25.7 20.2 30.4

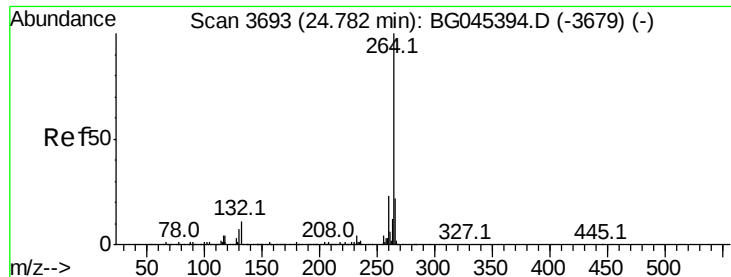


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



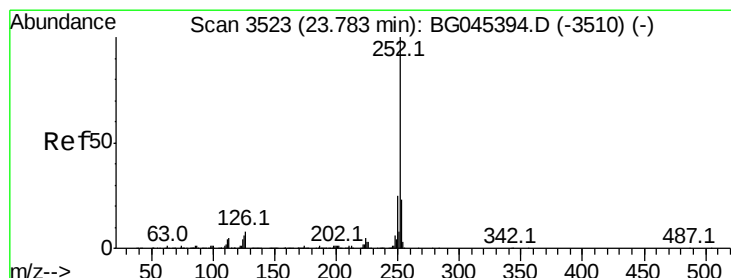
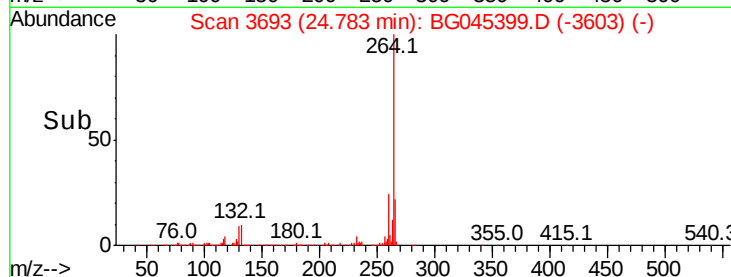
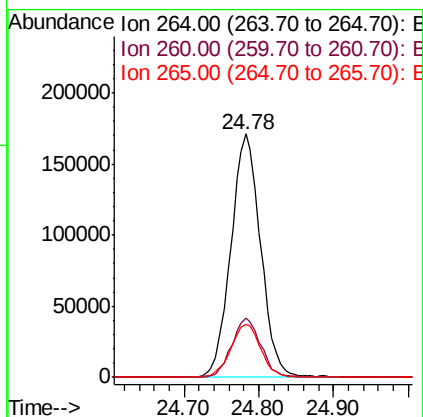
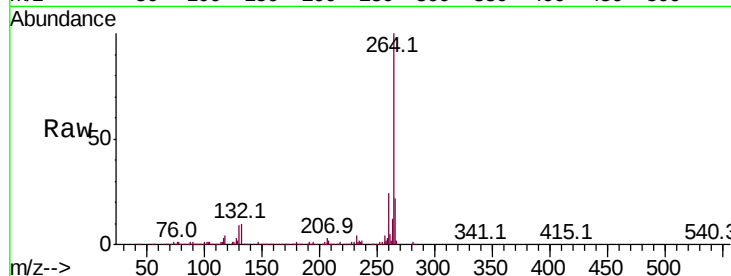


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Tot Ion:264 Resp: 472448

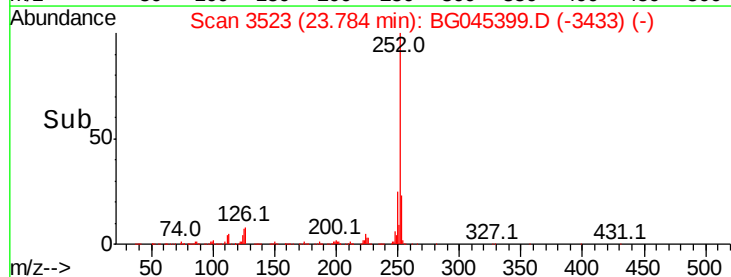
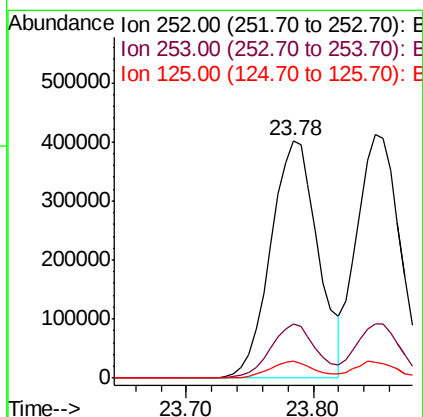
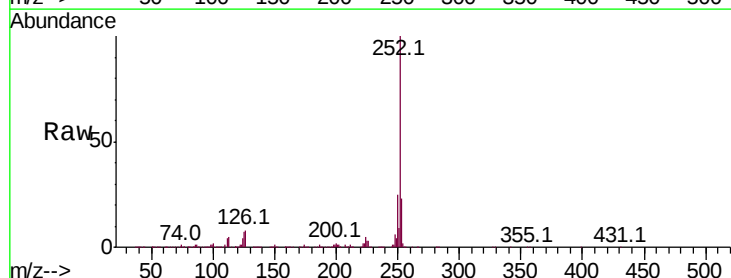
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	22.0	17.6	26.4

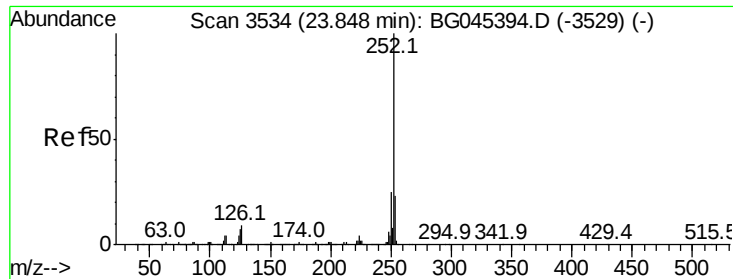


#88
Benzo(b)fluoranthene
Concen: 41.067 ng
RT: 23.78 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion:252 Resp: 1040561

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	7.3	5.0	7.6

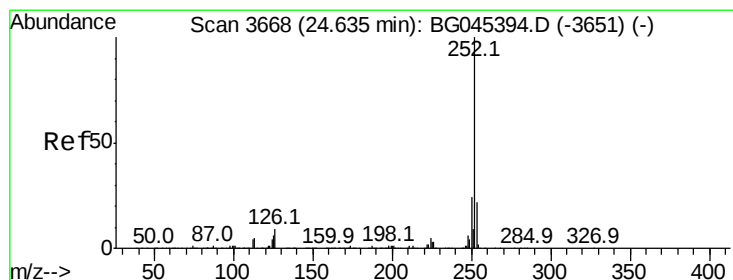
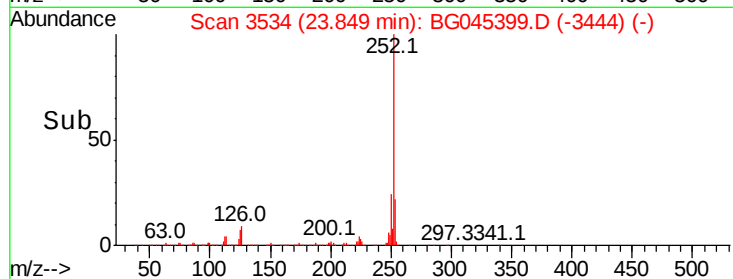
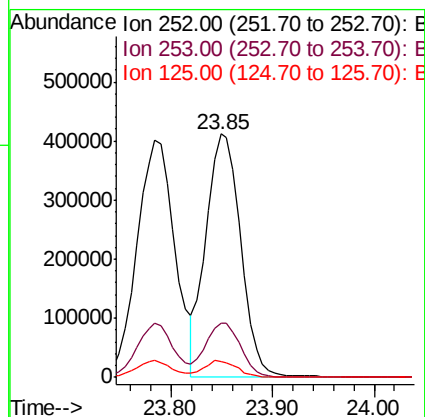
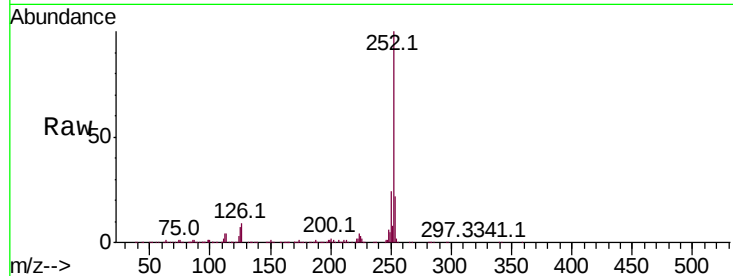




#89
Benzo(k)fluoranthene
Concen: 40.919 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

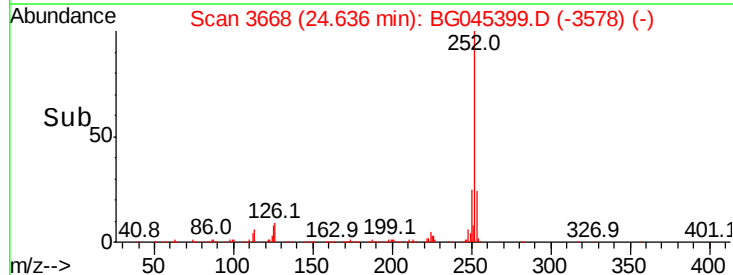
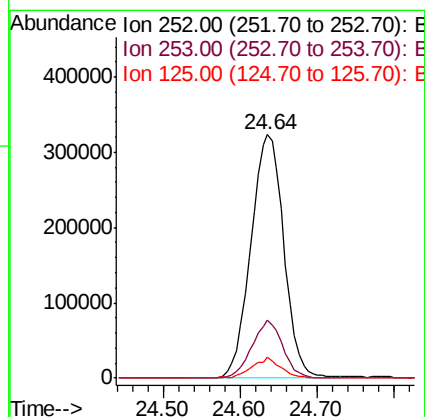
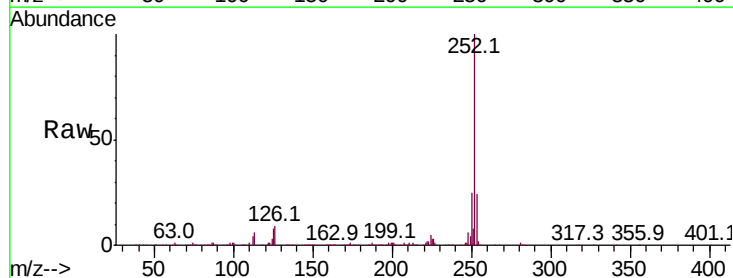
Instrument :
BNA_G
ClientSampleId :
ICVBG051520

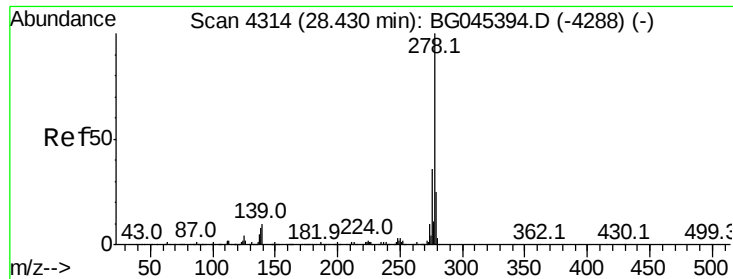
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	6.6	5.7	8.5



#90
Benzo(a)pyrene
Concen: 40.937 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG045399.D
Acq: 15 May 2020 16:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	8.4	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 40.517 ng

RT: 28.44 min Scan# 4315

Delta R.T. 0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

Instrument :

BNA_G

ClientSampleId :

ICVBG051520

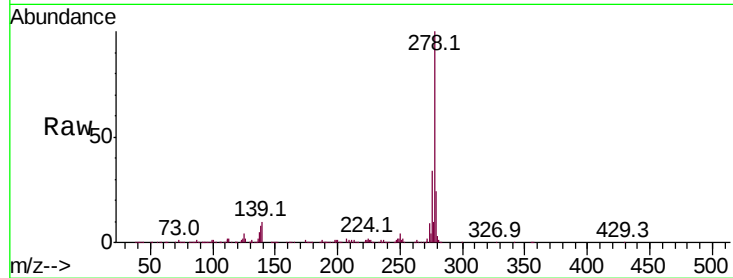
Tot Ion:278 Resp: 960797

Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.8	11.8
279	23.5	19.8	29.8

278 100

139 9.6 7.8 11.8

279 23.5 19.8 29.8

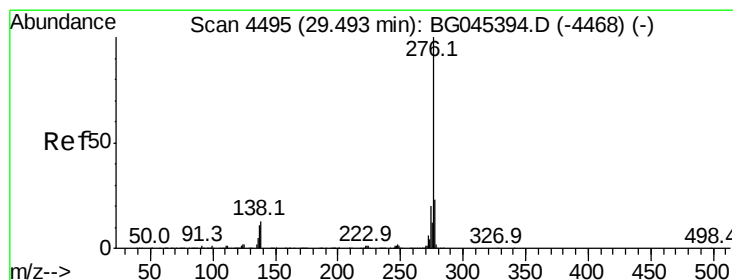
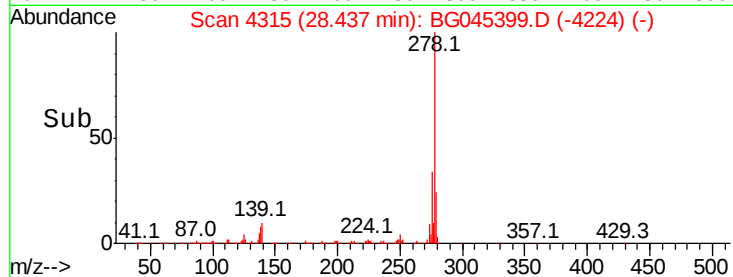
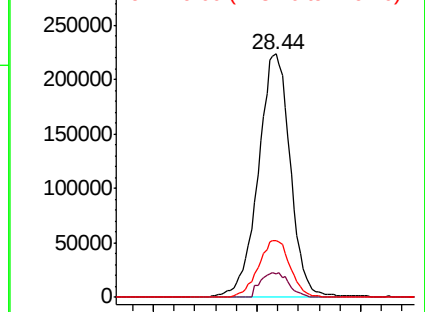


Abundance

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: 40.538 ng

RT: 29.49 min Scan# 4494

Delta R.T. -0.01 min

Lab File: BG045399.D

Acq: 15 May 2020 16:31

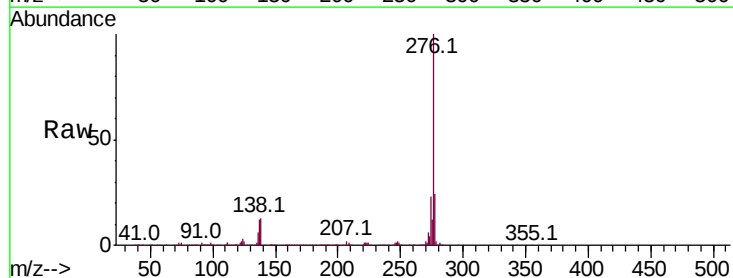
Tgt Ion:276 Resp: 961415

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.1	27.1
138	12.7	10.2	15.4

276 100

277 23.7 18.1 27.1

138 12.7 10.2 15.4



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

