

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
 Data File : BG045503.D
 Acq On : 28 May 2020 18:56
 Operator : CG/JU
 Sample : L2771-15MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2MSD

Quant Time: May 28 19:31:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	70798	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	288366	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	205840	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	460403	20.00	ng	0.00
76) Chrysene-d12	21.61	240	402076	20.00	ng	0.00
87) Perylene-d12	24.76	264	443864	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	422550	116.64	ng	0.00
7) Phenol-d6	7.17	99	622893	120.81	ng	0.00
23) Nitrobenzene-d5	9.12	82	404990	76.59	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	303690	115.36	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	953336	78.56	ng	0.00
79) Terphenyl-d14	19.97	244	1452684	84.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	65288	36.343	ng	93
3) Pyridine	3.80	79	154821	30.944	ng	97
4) n-Nitrosodimethylamine	3.72	42	72448	44.251	ng	# 93
6) Aniline	7.28	93	240625	35.749	ng	98
8) 2-Chlorophenol	7.54	128	206810	52.057	ng	99
9) Benzaldehyde	7.09	77	134516	40.042	ng	94
10) Phenol	7.19	94	275067	51.761	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	187035	45.123	ng	97
12) 1,3-Dichlorobenzene	7.85	146	220428	46.172	ng	98
13) 1,4-Dichlorobenzene	7.99	146	222686	47.266	ng	96
14) 1,2-Dichlorobenzene	8.31	146	211691	46.716	ng	94
15) Benzyl Alcohol	8.20	79	209868	49.271	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	171462	43.578	ng	98
17) 2-Methylphenol	8.43	107	189659	47.682	ng	96
18) Hexachloroethane	9.04	117	85742	47.517	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	170851	47.917	ng	99
20) 3+4-Methylphenols	8.77	107	254136	46.919	ng	# 70
22) Acetophenone	8.78	105	317497	46.454	ng	# 96
24) Nitrobenzene	9.16	77	256928	45.349	ng	98
25) Isophorone	9.69	82	476383	45.744	ng	98
26) 2-Nitrophenol	9.87	139	120641	49.777	ng	92
27) 2,4-Dimethylphenol	9.96	122	201329	56.008	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	262462	48.056	ng	98
29) 2,4-Dichlorophenol	10.44	162	221963	52.290	ng	96
30) 1,2,4-Trichlorobenzene	10.63	180	244078	48.661	ng	97
31) Naphthalene	10.82	128	650733	48.426	ng	100
32) Benzoic acid	10.14	122	127794	51.380	ng	93
33) 4-Chloroaniline	10.93	127	128802	22.931	ng	96
34) Hexachlorobutadiene	11.11	225	165936	46.801	ng	95
35) Caprolactam	11.69	113	41188	26.435	ng	97
36) 4-Chloro-3-methylphenol	12.09	107	246683	51.572	ng	98
37) 2-Methylnaphthalene	12.42	142	495961	49.519	ng	98
38) 1-Methylnaphthalene	12.65	142	471402	49.826	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	287740	50.047	ng	99

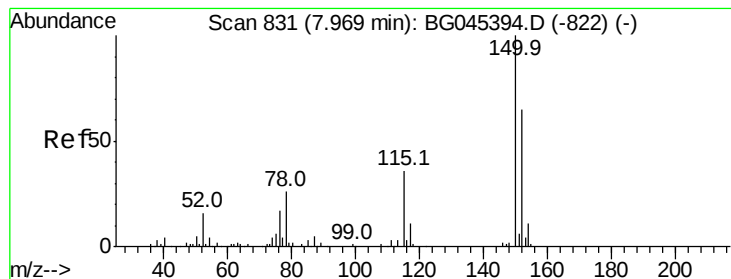
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	275241	82.942	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	197758	49.515	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	209453	45.892	ng	98
46) 1,1'-Biphenyl	13.43	154	642014	50.760	ng	99
47) 2-Chloronaphthalene	13.47	162	484822	47.205	ng	99
48) 2-Nitroaniline	13.69	65	152535	45.149	ng	93
49) Acenaphthylene	14.33	152	807370	48.940	ng	99
50) Dimethylphthalate	14.06	163	777464	55.059	ng	99
51) 2,6-Dinitrotoluene	14.17	165	145184	45.565	ng	99
52) Acenaphthene	14.67	154	472399	42.779	ng	98
53) 3-Nitroaniline	14.51	138	93688	28.925	ng	95
54) 2,4-Dinitrophenol	14.72	184	169396	81.079	ng	96
55) Dibenzofuran	15.00	168	776665	47.361	ng	97
56) 4-Nitrophenol	14.87	139	224474	91.538	ng	93
57) 2,4-Dinitrotoluene	14.97	165	209709	45.445	ng	98
58) Fluorene	15.65	166	626947	46.535	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	189026	47.076	ng	99
60) Diethylphthalate	15.42	149	656443	44.665	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	352959	45.783	ng	99
62) 4-Nitroaniline	15.68	138	137040	40.528	ng	97
63) Azobenzene	15.94	77	631088	46.051	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	127639	47.602	ng	97
66) n-Nitrosodiphenylamine	15.86	169	565362	51.144	ng	96
67) 4-Bromophenyl-phenylether	16.54	248	243538	48.850	ng	95
68) Hexachlorobenzene	16.66	284	260781	50.012	ng	98
69) Atrazine	16.81	200	207699	45.617	ng	98
70) Pentachlorophenol	17.02	266	271937	100.439	ng	97
71) Phenanthrene	17.39	178	997065	49.607	ng	99
72) Anthracene	17.49	178	1004142	49.749	ng	98
73) Carbazole	17.76	167	891490	45.311	ng	99
74) Di-n-butylphthalate	18.31	149	1073276	45.450	ng	99
75) Fluoranthene	19.40	202	1178171	46.085	ng	99
77) Benzidine	19.58	184	624275	55.282	ng	99
78) Pyrene	19.76	202	1168657	50.989	ng	99
80) Butylbenzylphthalate	20.65	149	457223	46.217	ng	100
81) Benzo(a)anthracene	21.59	228	1094407	48.861	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	313504	35.682	ng	100
83) Chrysene	21.66	228	1049774	48.743	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	639155	46.999	ng	98
85) Di-n-octyl phthalate	22.69	149	1070230	45.821	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1372996	48.751	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1158406	48.662	ng	99
89) Benzo(k)fluoranthene	23.83	252	1114728	49.844	ng	98
90) Benzo(a)pyrene	24.61	252	1054873	47.581	ng	98
91) Dibenzo(a,h)anthracene	28.40	278	1121405	50.335	ng	99
92) Benzo(g,h,i)perylene	29.45	276	1145525	51.411	ng	98

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

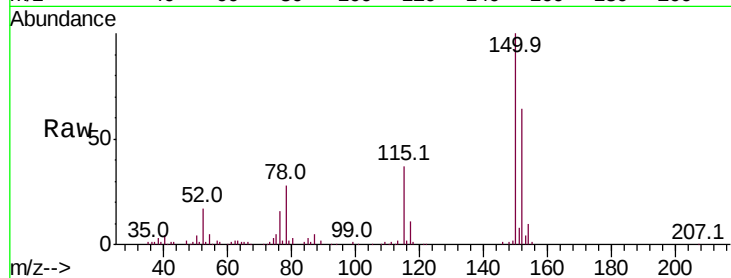


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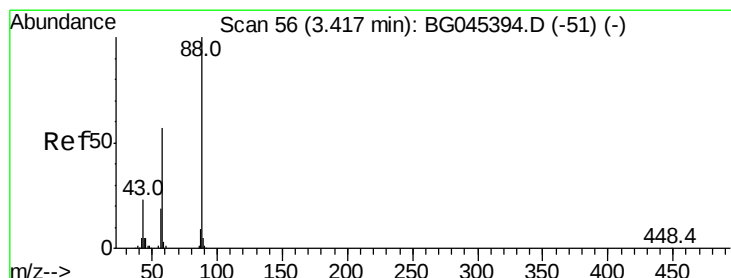
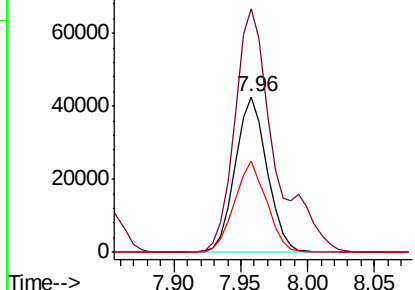
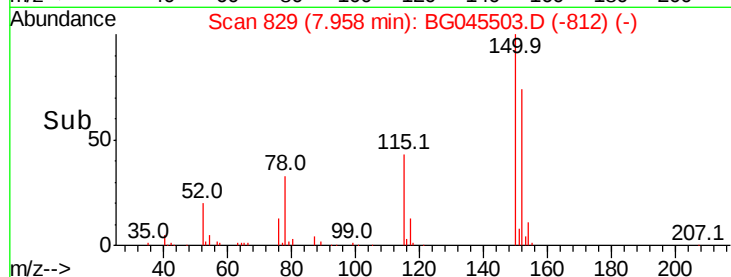
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

Tot Ion:152 Resp: 70798
Ion Ratio Lower Upper
152 100
150 156.6 122.4 183.6
115 58.5 44.2 66.4



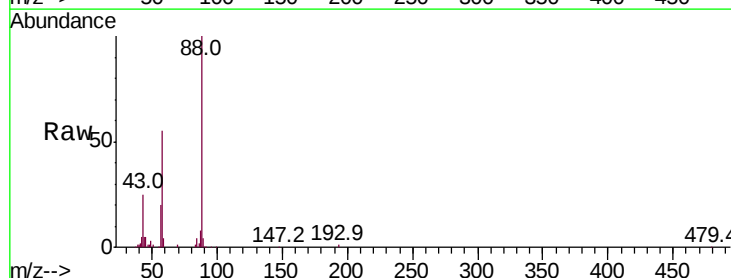
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



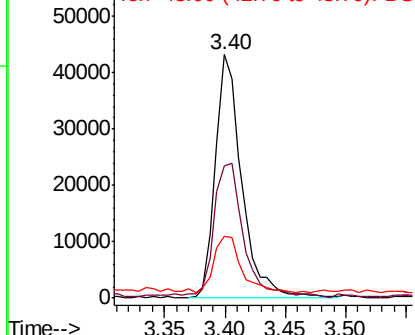
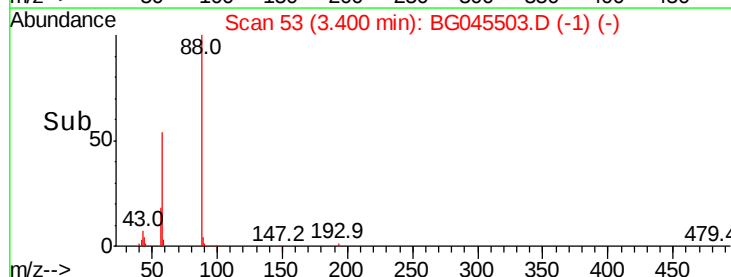
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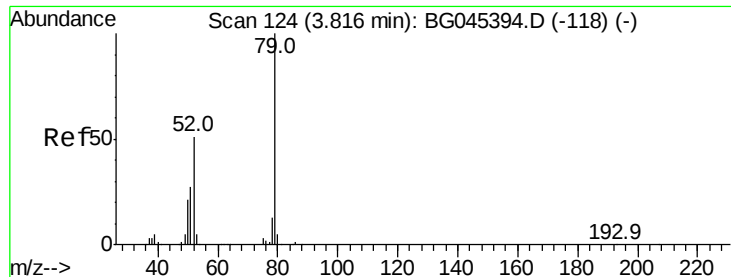
1,4-Dioxane
Concen: 36.343 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion: 88 Resp: 65288
Ion Ratio Lower Upper
88 100
58 61.4 45.7 68.5
43 25.0 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: 30.944 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

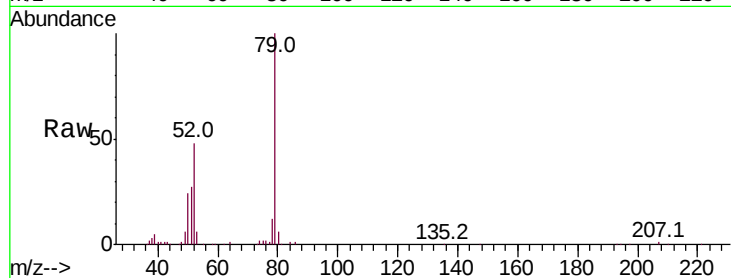
Tot Ion: 79 Resp: 154821

Ion Ratio Lower Upper

79 100

52 47.9 40.8 61.2

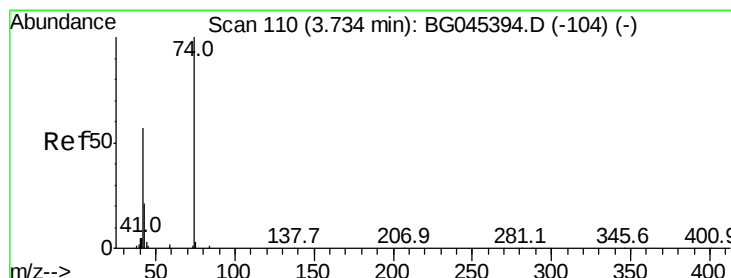
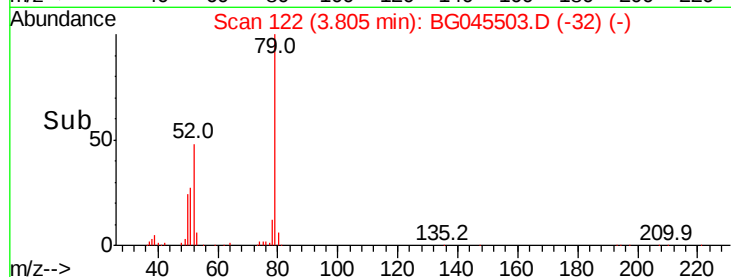
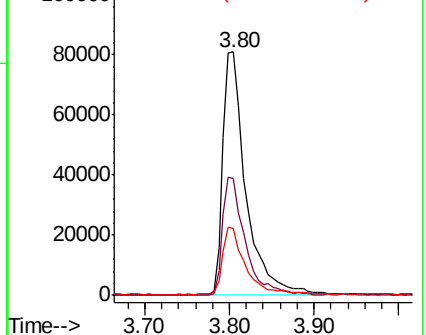
51 27.5 21.9 32.9



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: 44.251 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

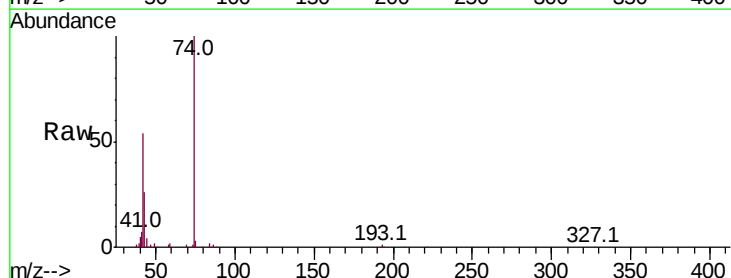
Tgt Ion: 42 Resp: 72448

Ion Ratio Lower Upper

42 100

74 185.9 141.3 211.9

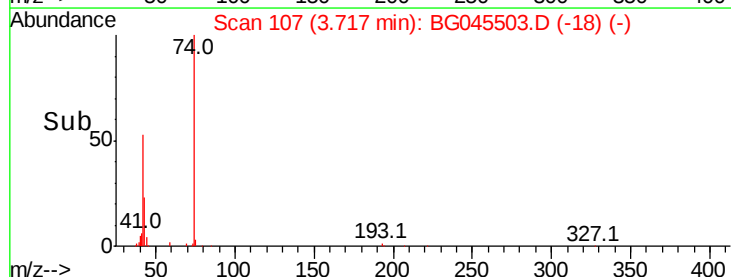
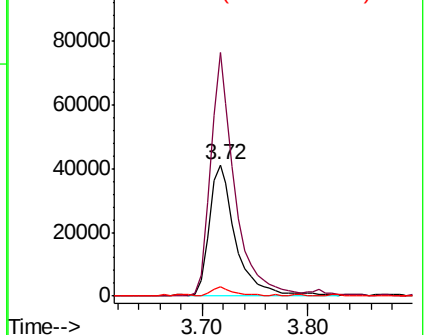
44 7.1 4.2 6.4#

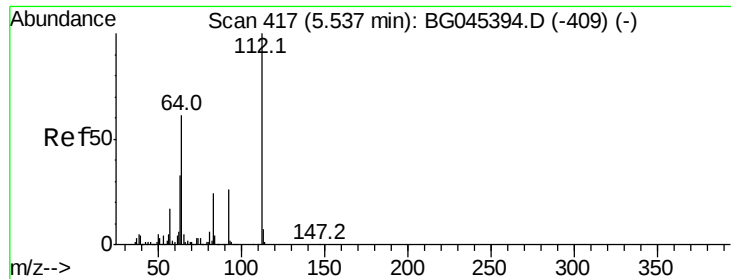


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 116.640 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

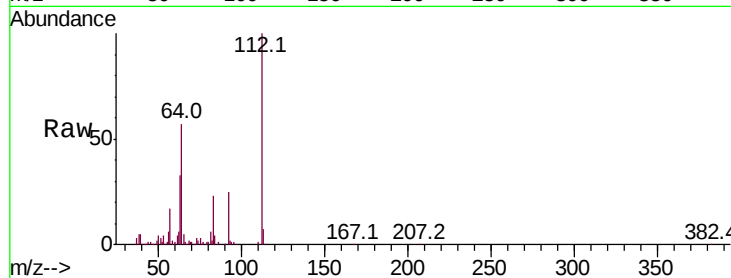
Tot Ion:112 Resp: 422550

Ion Ratio Lower Upper

112 100

64 57.1 48.6 72.8

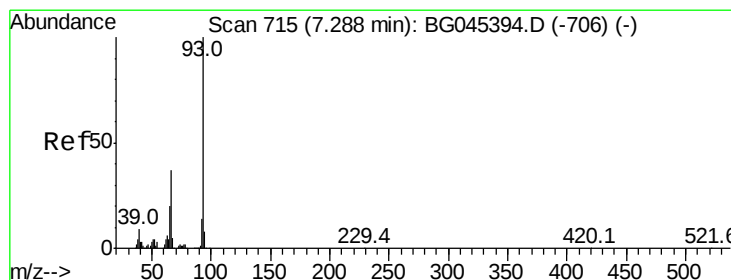
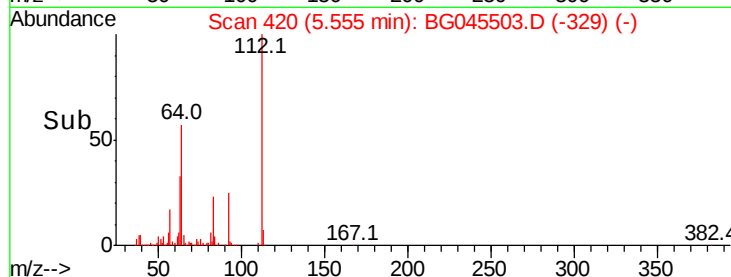
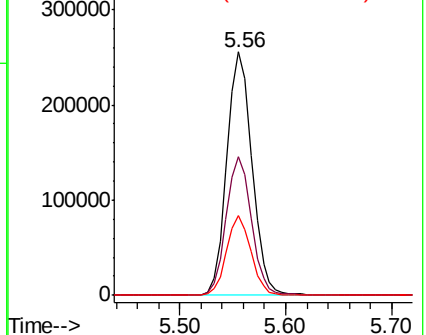
63 32.7 26.5 39.7



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: 35.749 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

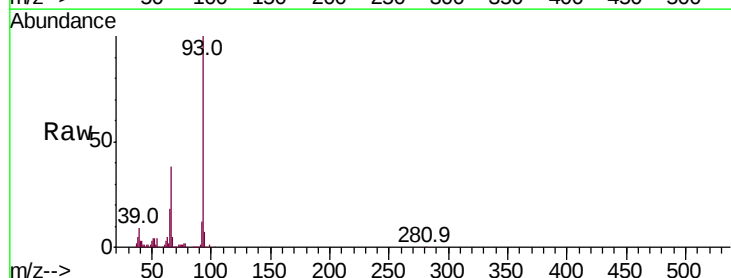
Tgt Ion: 93 Resp: 240625

Ion Ratio Lower Upper

93 100

66 38.0 29.6 44.4

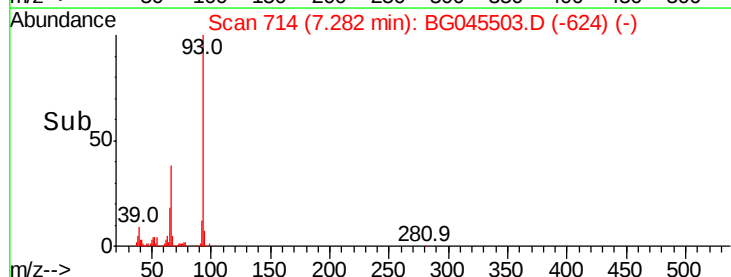
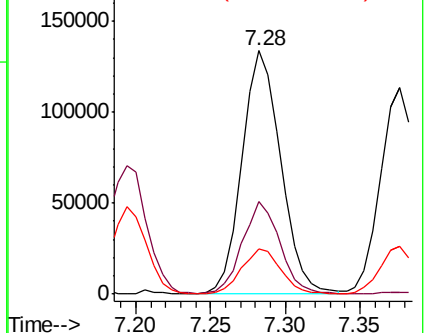
65 18.3 15.9 23.9

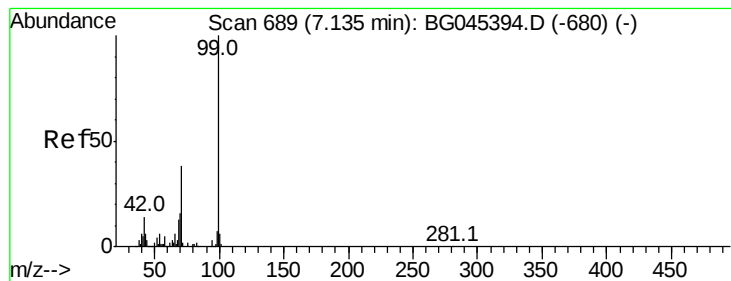


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.805 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

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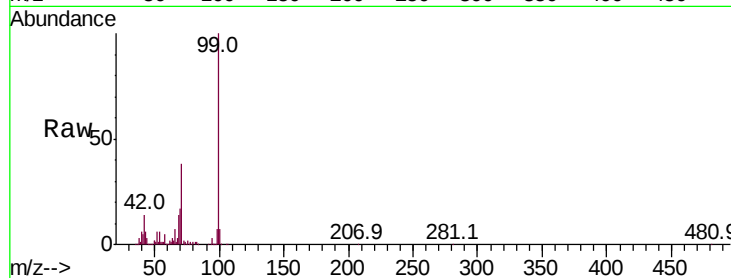
Tot Ion: 99 Resp: 622893

Ion Ratio Lower Upper

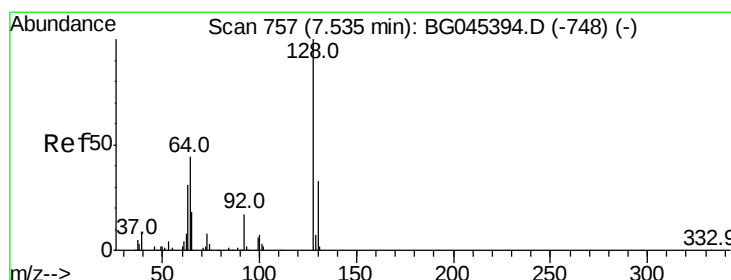
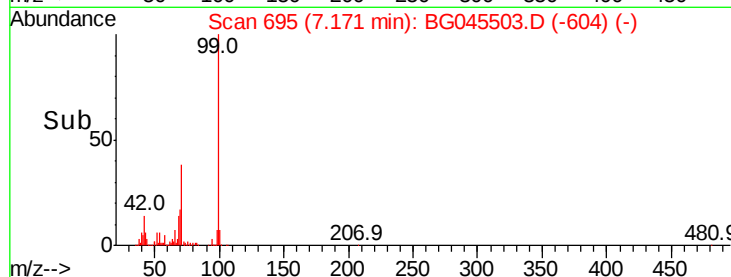
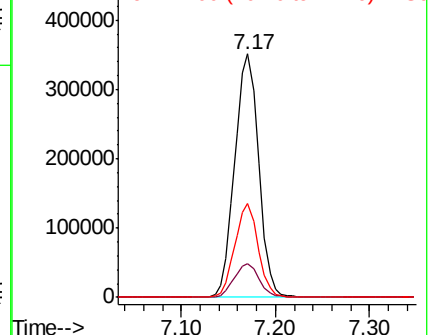
99 100

42 13.9 11.3 16.9

71 38.3 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: 52.057 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

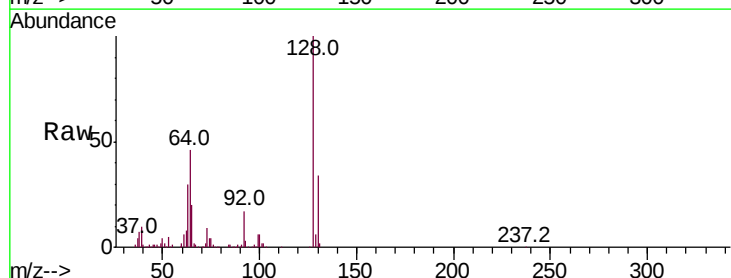
Tgt Ion: 128 Resp: 206810

Ion Ratio Lower Upper

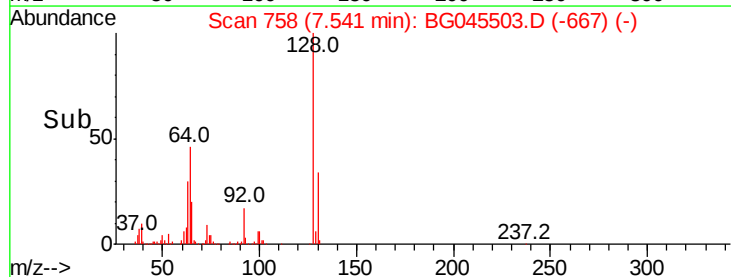
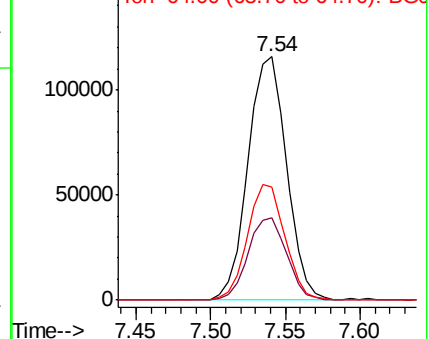
128 100

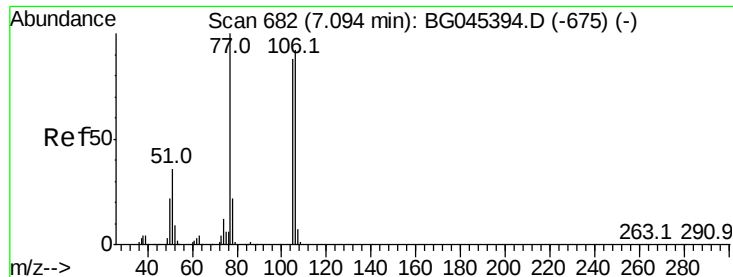
130 33.6 12.6 52.6

64 46.2 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: 40.042 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

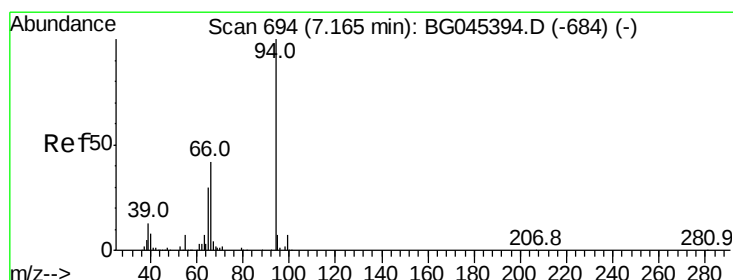
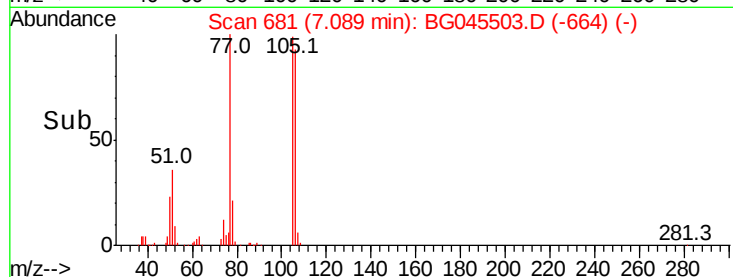
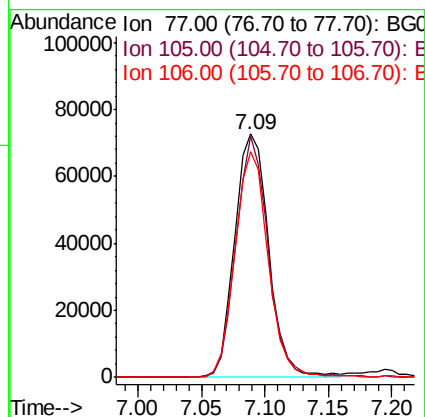
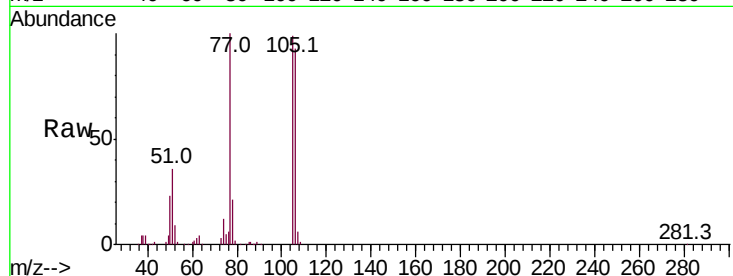
Tot Ion: 77 Resp: 134516

Ion Ratio Lower Upper

77 100

105 99.0 68.5 108.5

106 92.9 71.6 111.6



#10

Phenol

Concen: 51.761 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

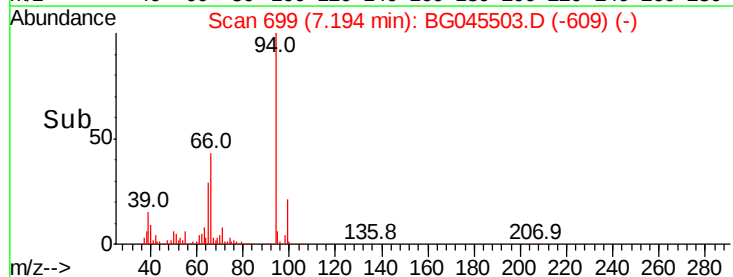
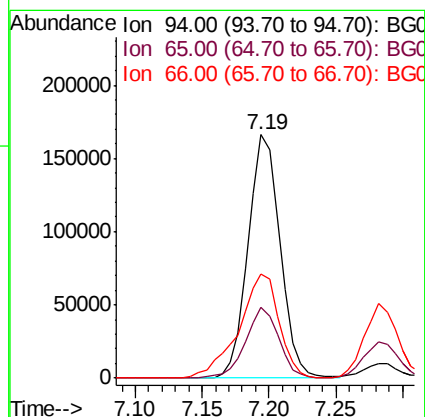
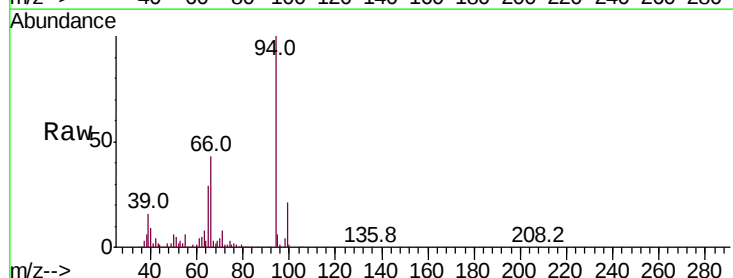
Tgt Ion: 94 Resp: 275067

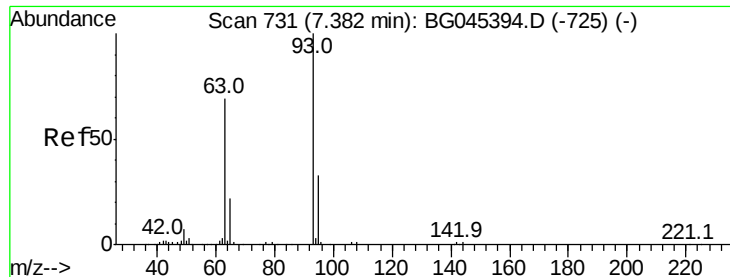
Ion Ratio Lower Upper

94 100

65 29.1 9.8 49.8

66 42.7 22.0 62.0

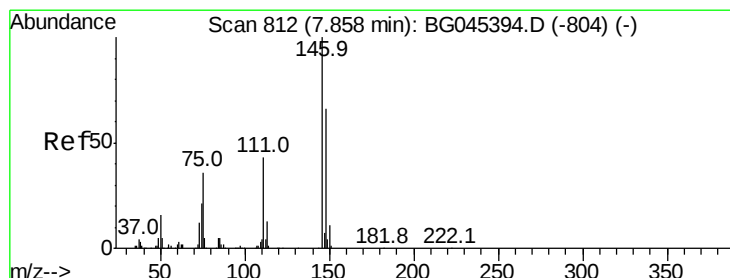
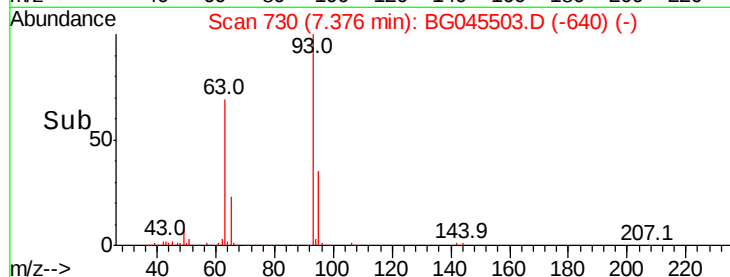
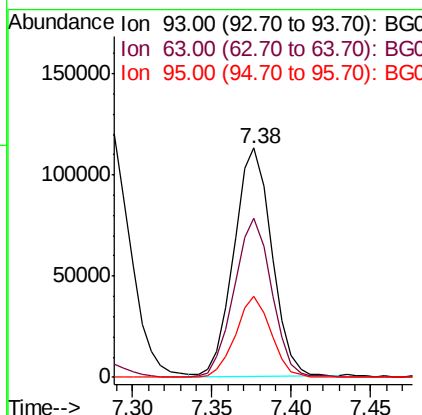
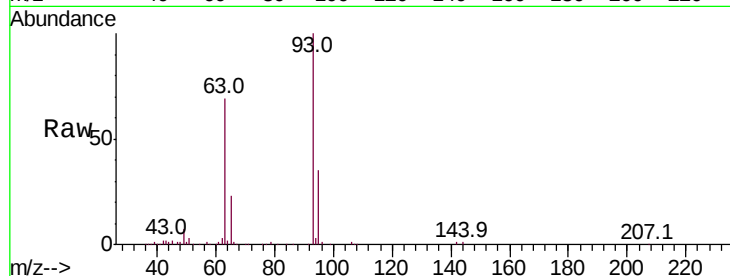




#11
bis(2-Chloroethyl)ether
Concen: 45.123 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

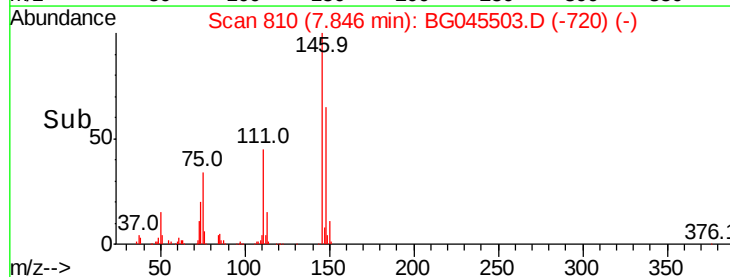
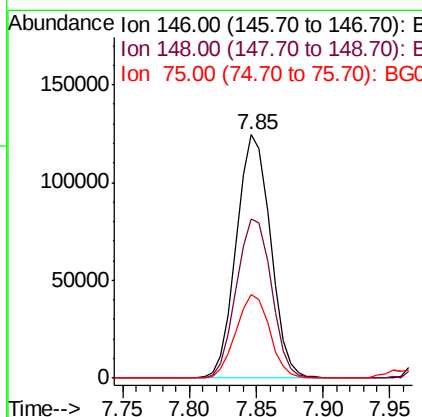
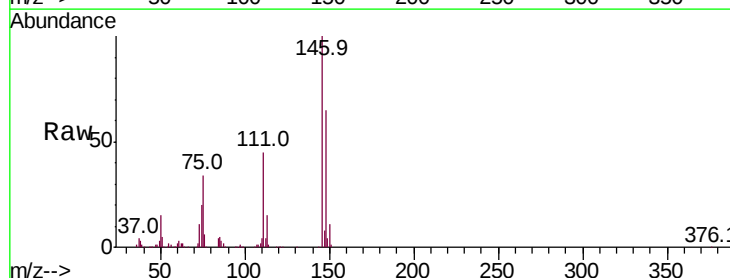
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

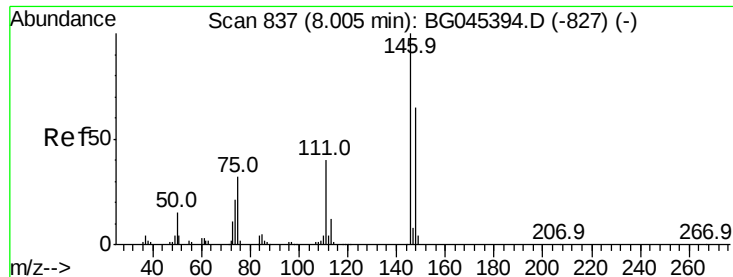
Tot Ion: 93 Resp: 187035
Ion Ratio Lower Upper
93 100
63 69.5 48.4 88.4
95 35.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.172 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion: 146 Resp: 220428
Ion Ratio Lower Upper
146 100
148 65.3 53.2 79.8
75 34.2 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 47.266 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

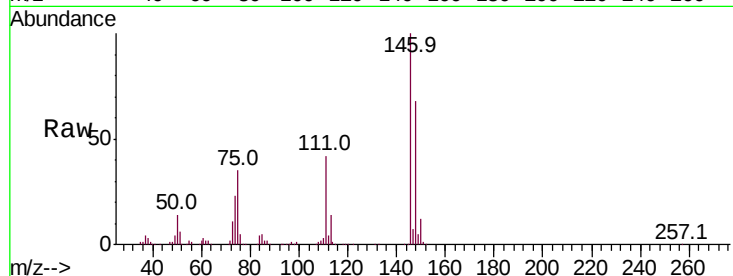
Tot Ion:146 Resp: 222686

Ion Ratio Lower Upper

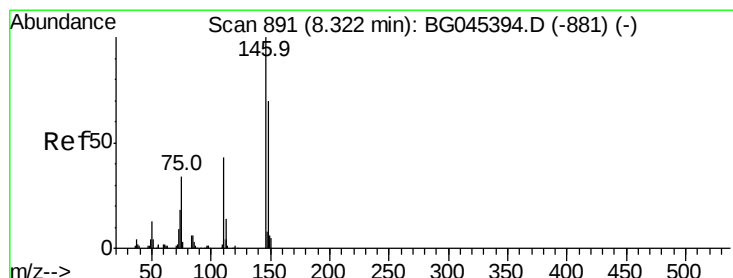
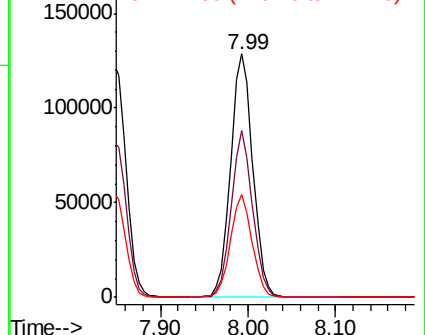
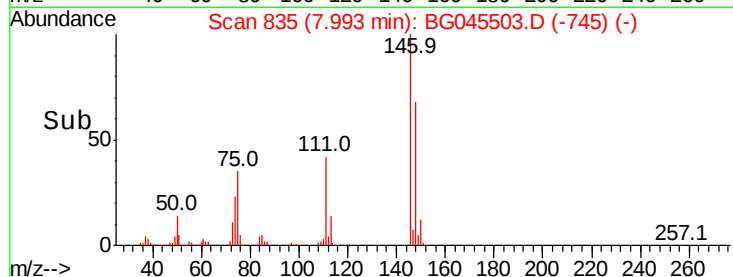
146 100

148 68.3 51.8 77.8

111 42.5 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: 46.716 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

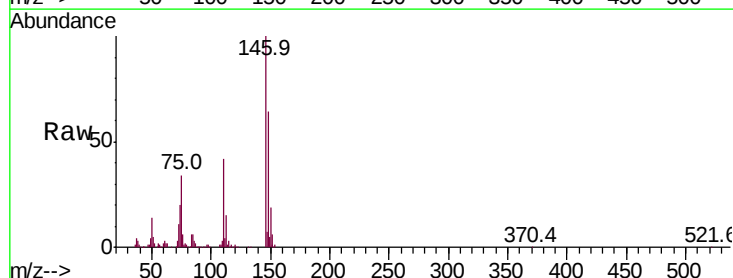
Tgt Ion:146 Resp: 211691

Ion Ratio Lower Upper

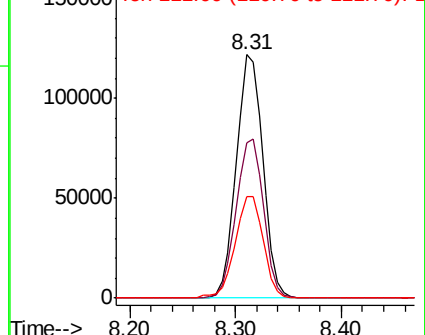
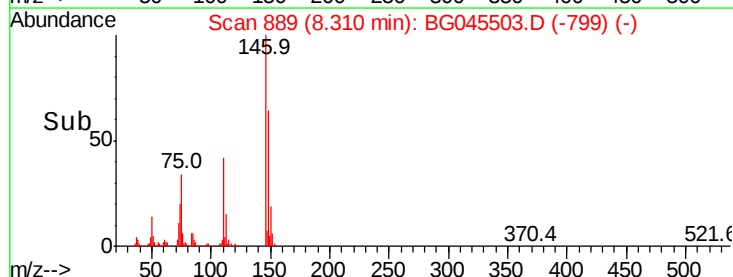
146 100

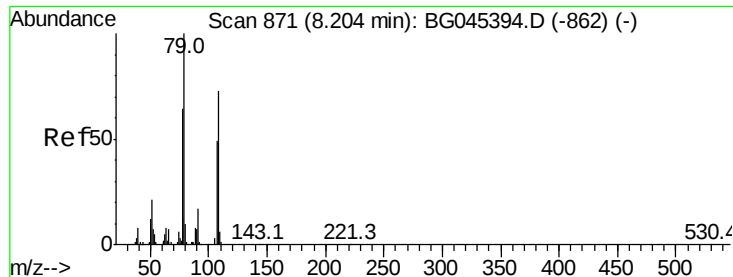
148 63.8 55.9 83.9

111 41.5 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: 49.271 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

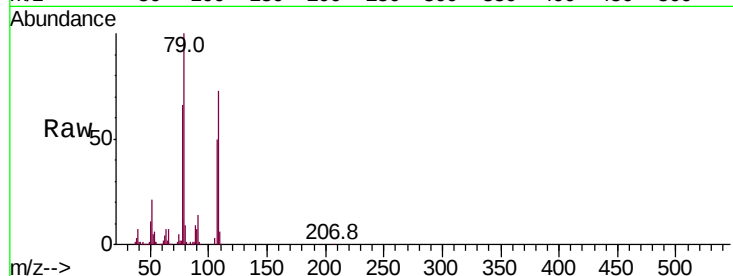
Tot Ion: 79 Resp: 209868

Ion Ratio Lower Upper

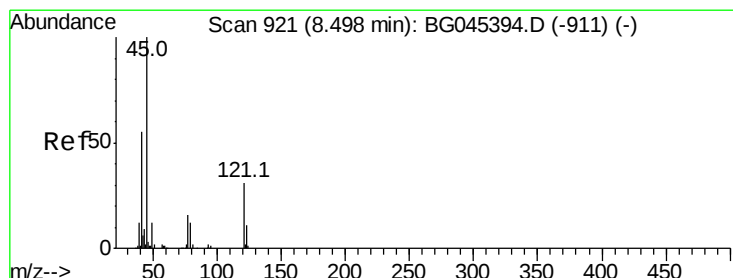
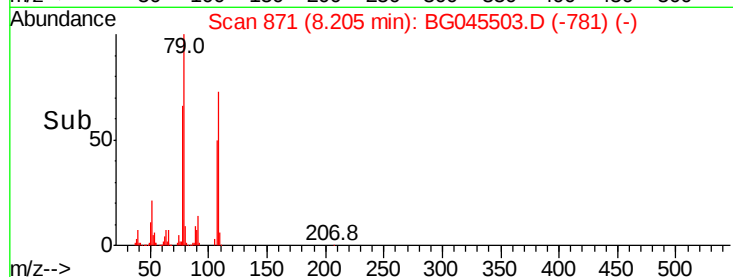
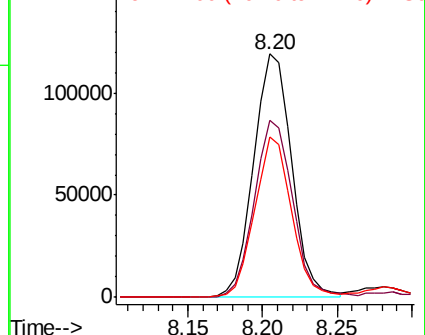
79 100

108 72.7 58.2 87.4

77 65.7 51.0 76.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.578 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

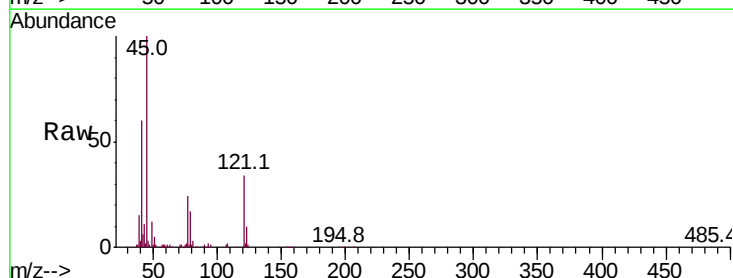
Tgt Ion: 45 Resp: 171462

Ion Ratio Lower Upper

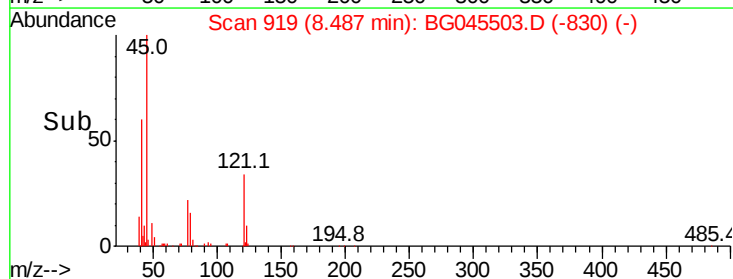
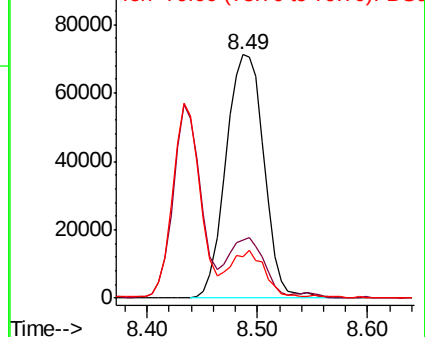
45 100

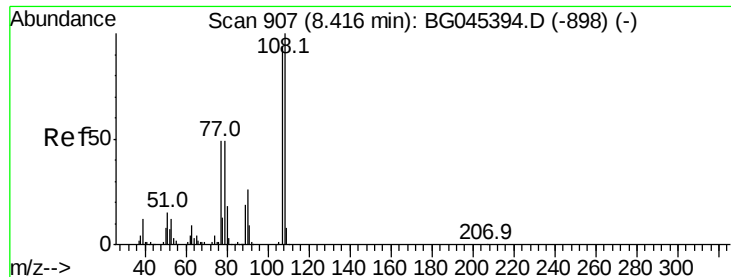
77 23.8 4.0 44.0

79 17.3 0.0 38.6



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





#17

2-Methylphenol

Concen: 47.682 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

Tot Ion:107 Resp: 189659

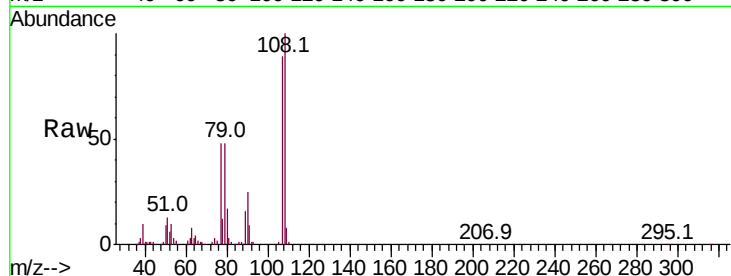
Ion Ratio Lower Upper

107 100

108 111.9 85.2 127.8

77 53.7 41.6 62.4

79 54.1 41.8 62.8

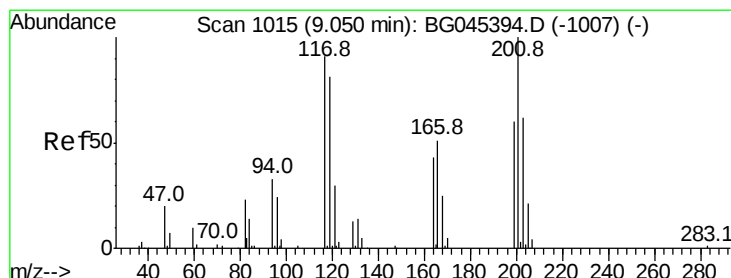
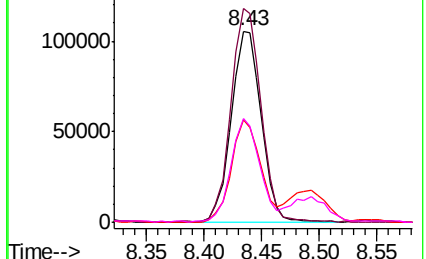
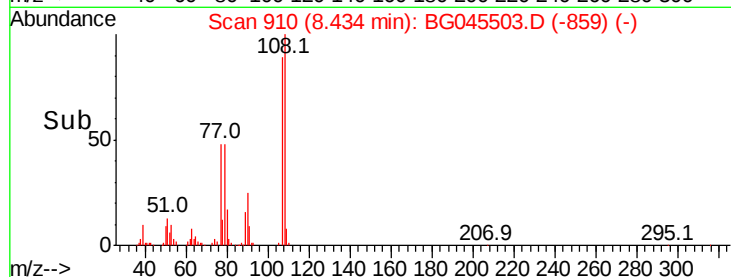


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 47.517 ng

RT: 9.04 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

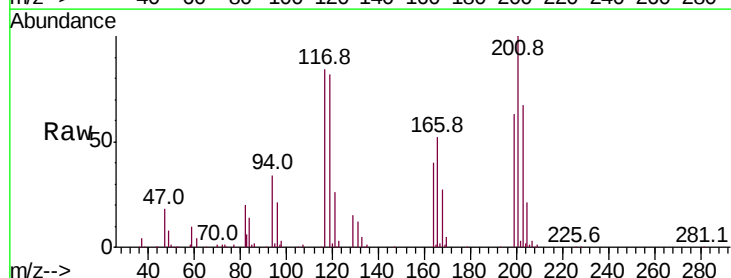
Tgt Ion:117 Resp: 85742

Ion Ratio Lower Upper

117 100

119 97.3 71.3 106.9

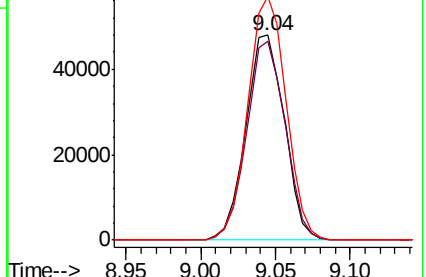
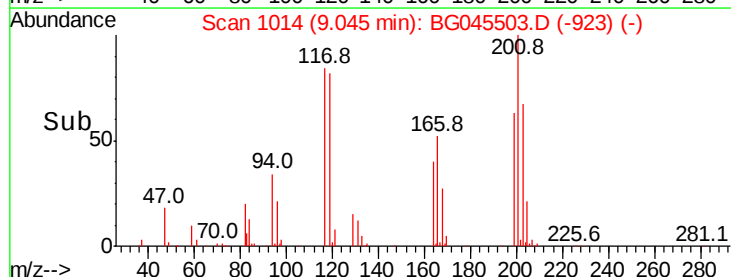
201 118.9 87.5 131.3

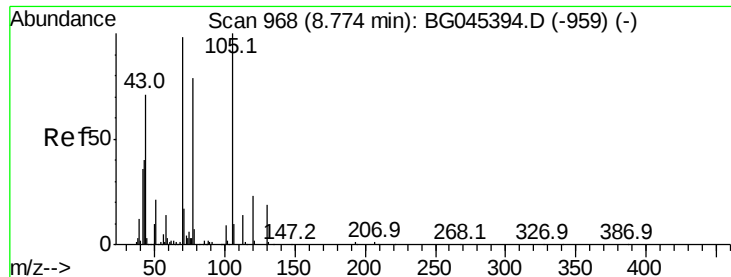


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

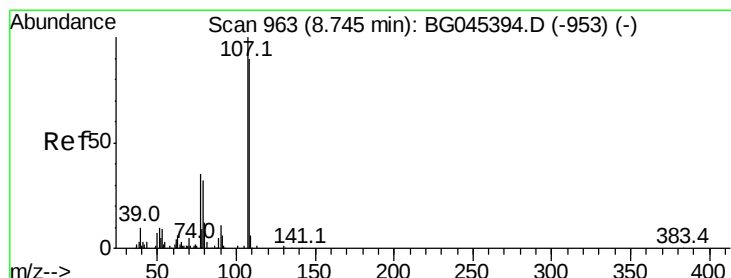
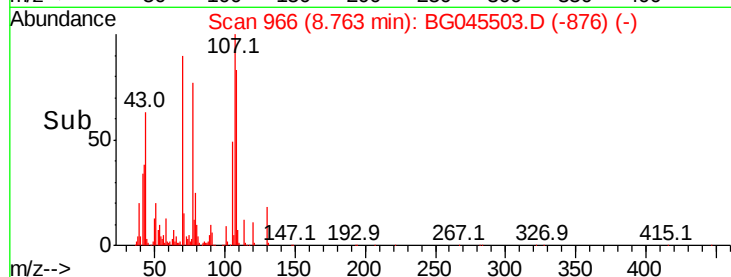
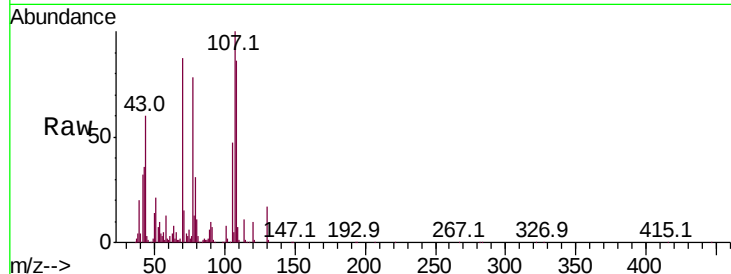
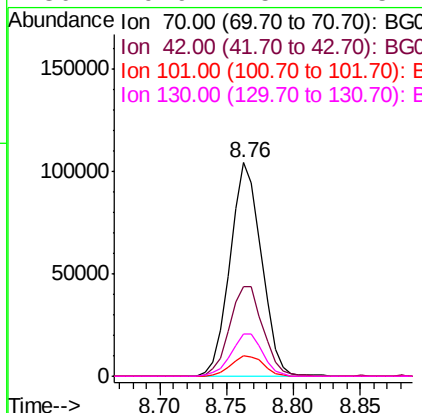




#19
n-Nitroso-di-n-propylamine
Concen: 47.917 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

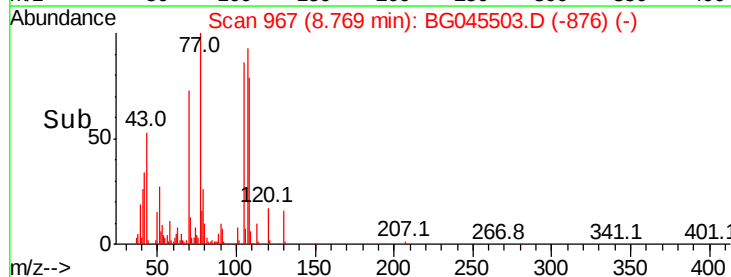
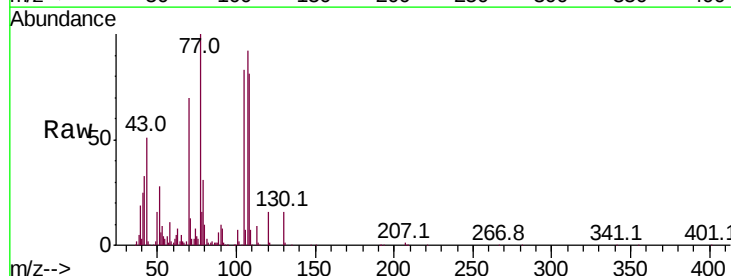
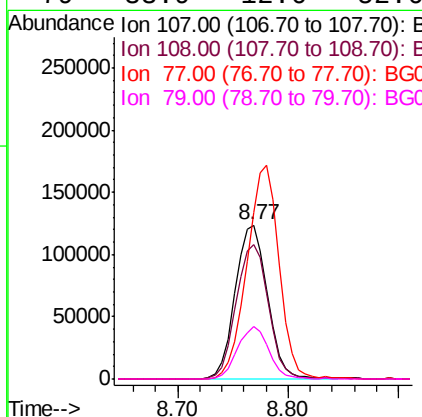
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

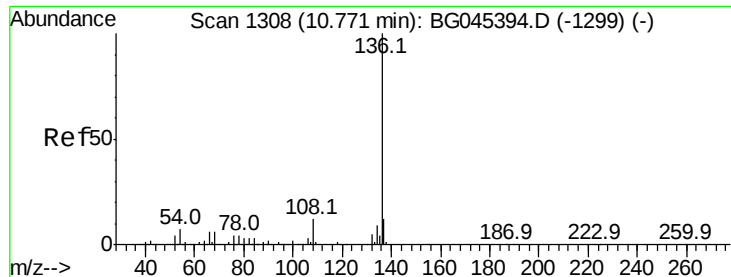
Tot Ion:	70	Resp:	170851
Ion	Ratio	Lower	Upper
70	100		
42	41.8	33.2	49.8
101	9.4	7.8	11.6
130	19.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 46.919 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:	107	Resp:	254136
Ion	Ratio	Lower	Upper
107	100		
108	87.3	70.3	110.3
77	108.3	15.4	55.4#
79	33.9	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

Tot Ion:136 Resp: 288366

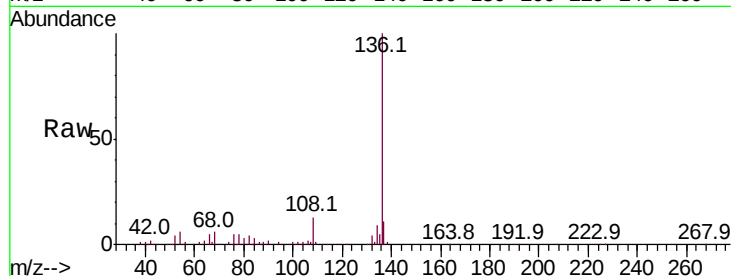
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.2

54 6.4 5.8 8.6

68 6.3 4.5 6.7

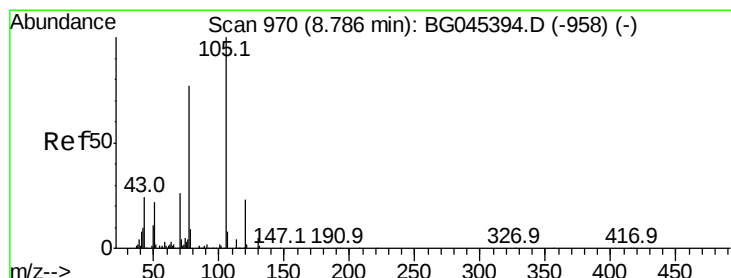
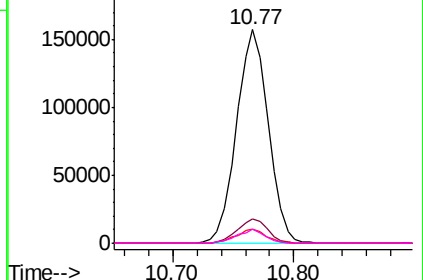
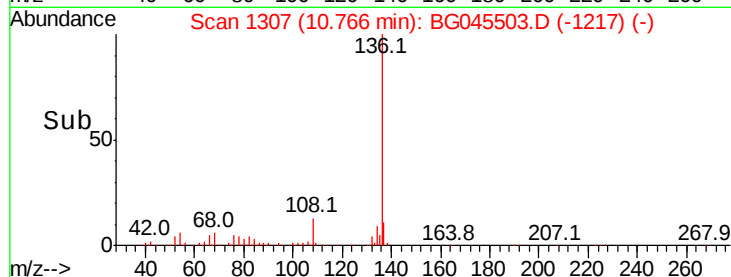


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 46.454 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Tgt Ion:105 Resp: 317497

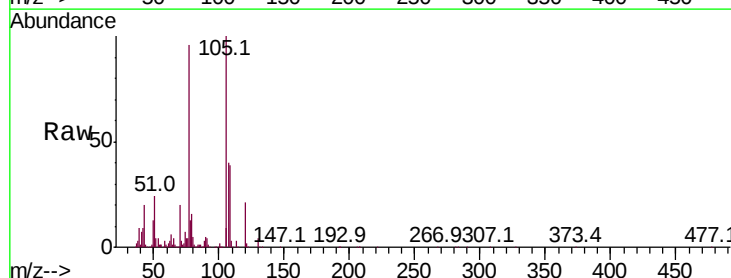
Ion Ratio Lower Upper

105 100

71 3.2 3.4 5.0#

51 24.3 18.2 27.2

120 21.2 18.6 27.8

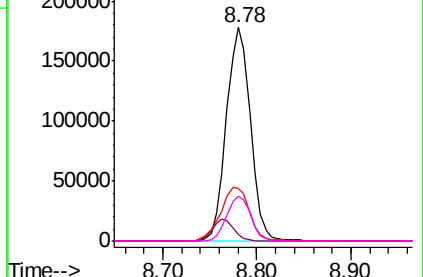
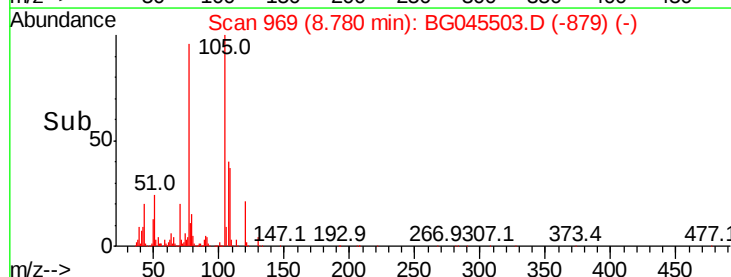


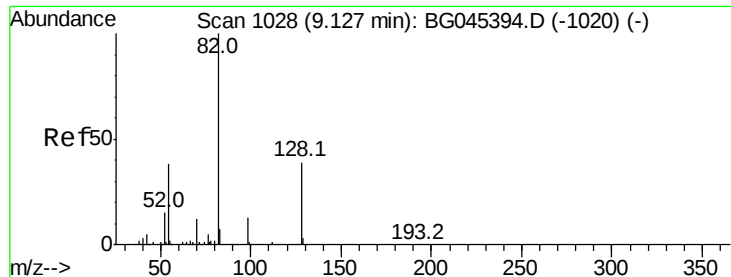
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

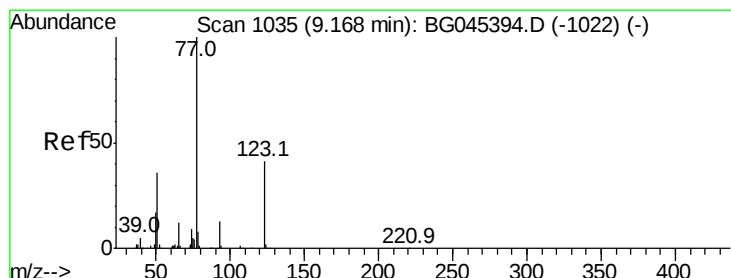
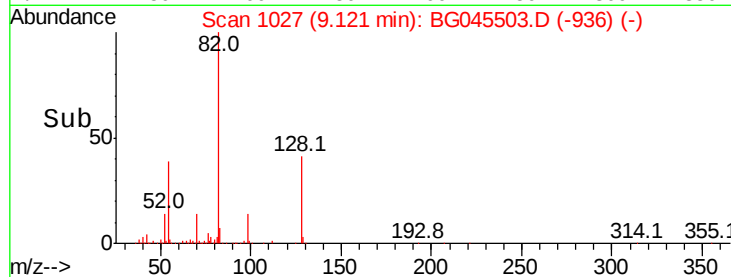
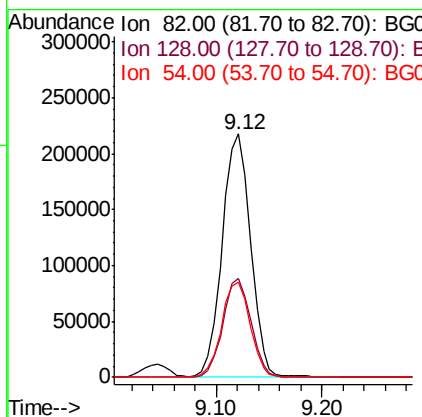
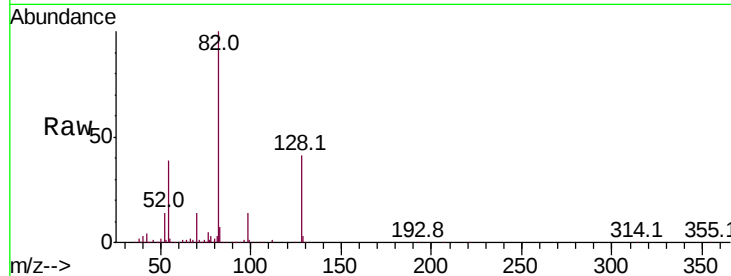




#23
 Nitrobenzene-d5
 Concen: 76.586 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

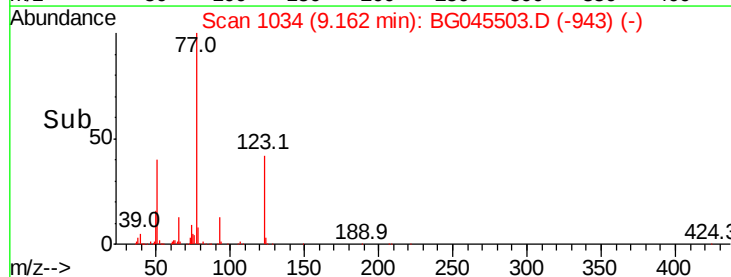
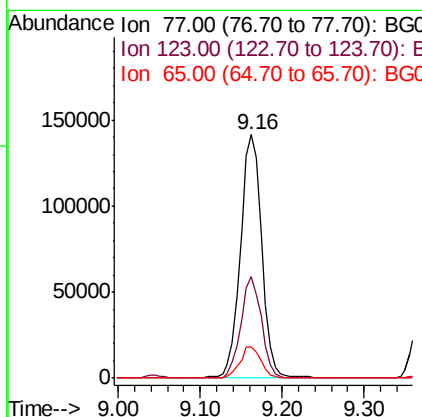
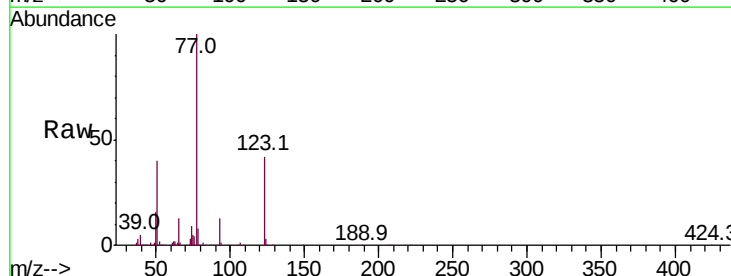
Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2MSD

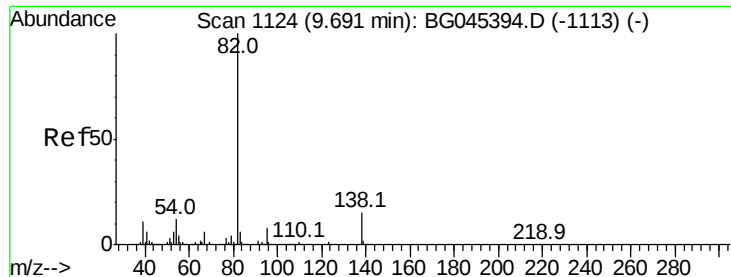
Tot Ion	82	Resp	404990
Ion	Ratio	Lower	Upper
82	100		
128	40.8	30.9	46.3
54	39.1	30.3	45.5



#24
 Nitrobenzene
 Concen: 45.349 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

Tgt Ion	77	Resp	256928
Ion	Ratio	Lower	Upper
77	100		
123	41.9	32.9	49.3
65	12.8	9.4	14.2





#25

Isophorone

Concen: 45.744 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

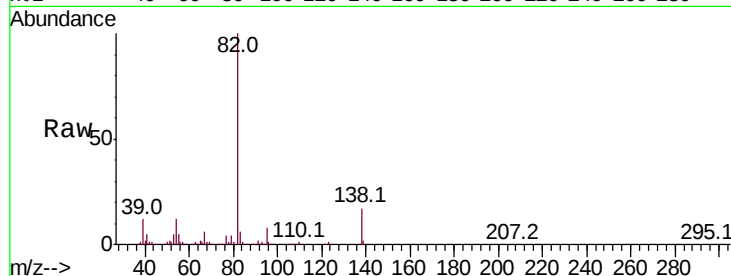
Tot Ion: 82 Resp: 476383

Ion Ratio Lower Upper

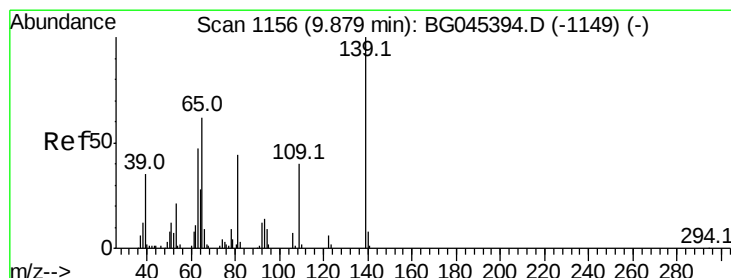
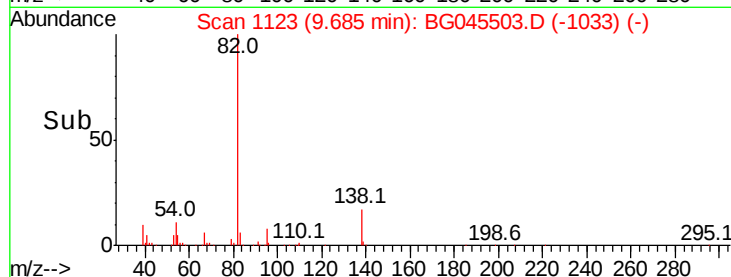
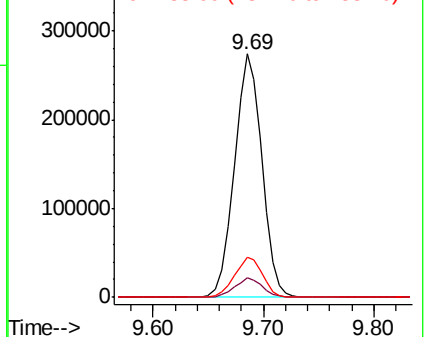
82 100

95 8.2 6.7 10.1

138 16.7 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: 49.777 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

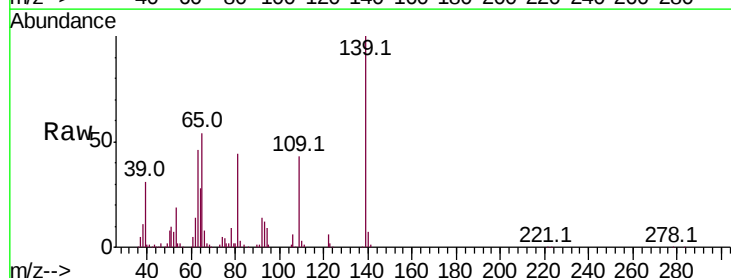
Tgt Ion: 139 Resp: 120641

Ion Ratio Lower Upper

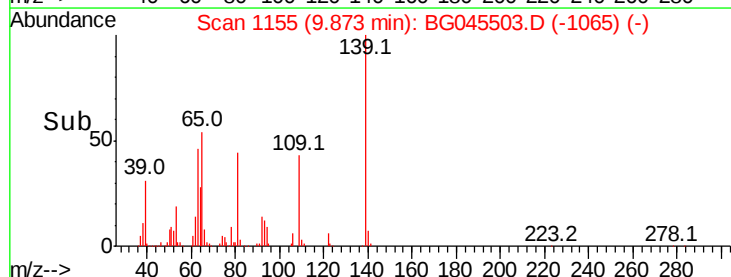
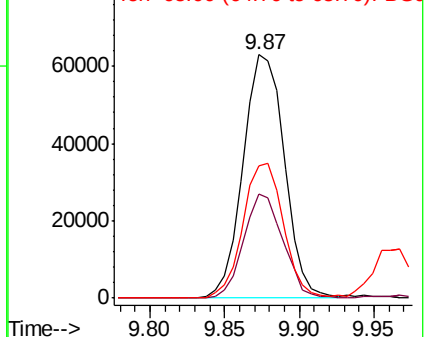
139 100

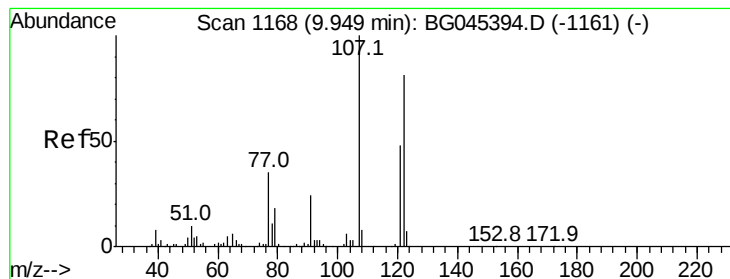
109 42.8 32.2 48.4

65 54.1 49.6 74.4



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





#27

2,4-Dimethylphenol

Concen: 56.008 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

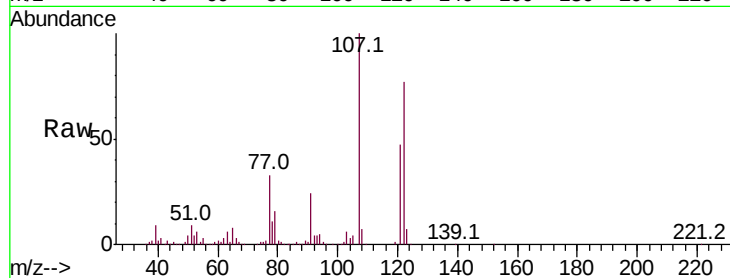
Tot Ion:122 Resp: 201329

Ion Ratio Lower Upper

122 100

107 129.1 99.0 148.4

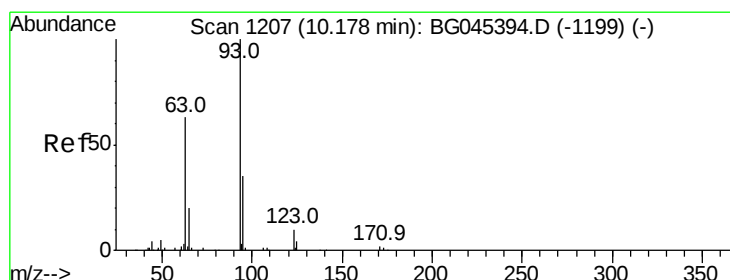
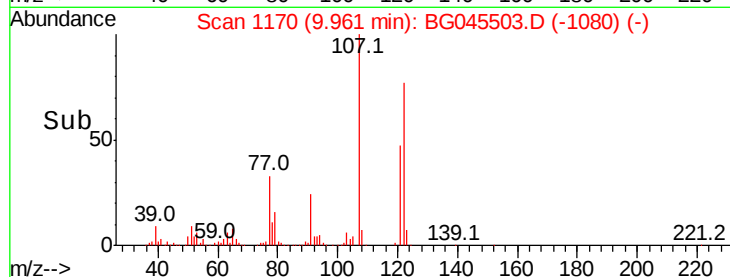
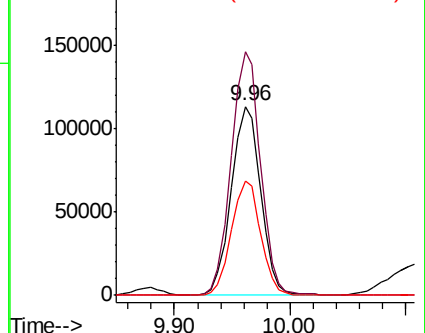
121 60.3 47.7 71.5



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: 48.056 ng

RT: 10.17 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

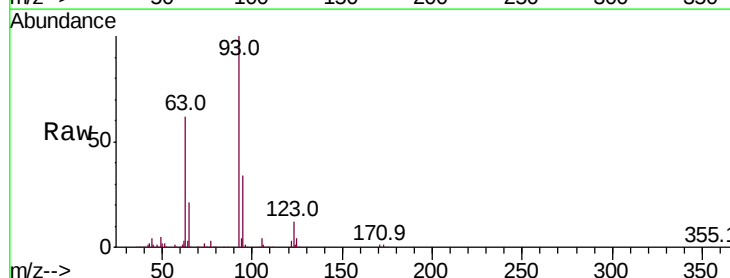
Tgt Ion: 93 Resp: 262462

Ion Ratio Lower Upper

93 100

95 33.9 27.6 41.4

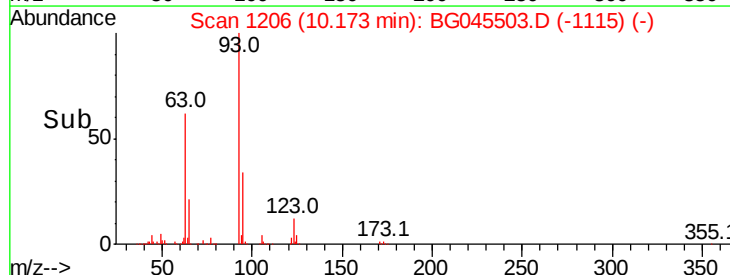
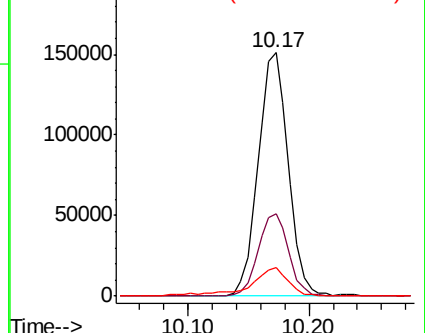
123 12.0 8.1 12.1

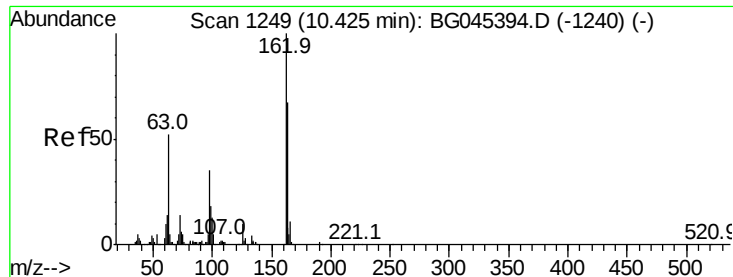


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

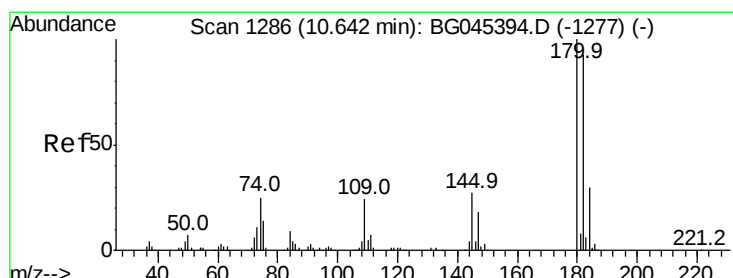
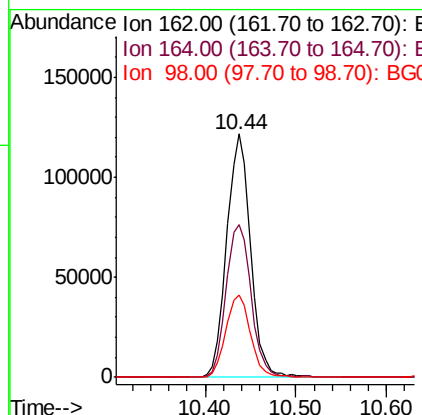
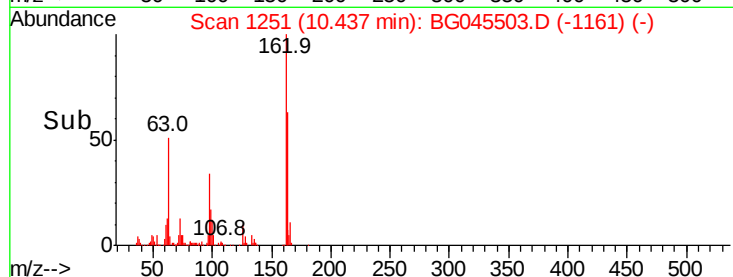
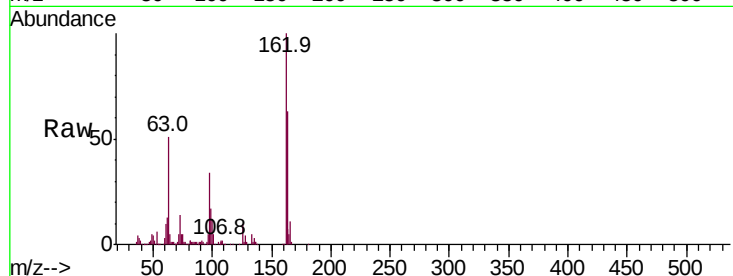




#29
 2,4-Dichlorophenol
 Concen: 52.290 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

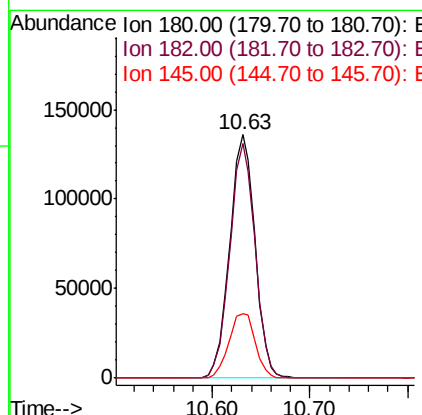
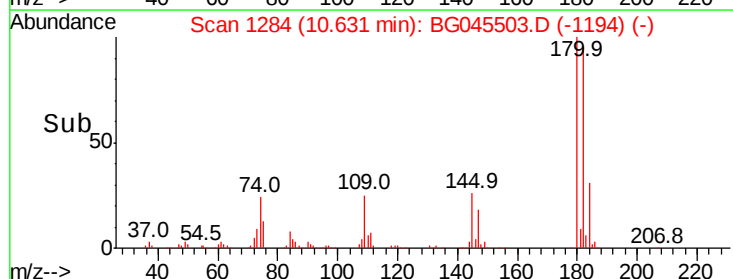
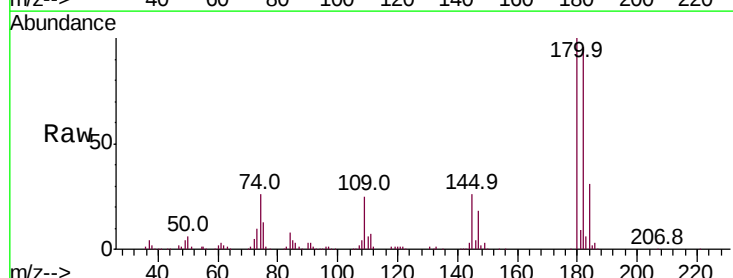
Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2MSD

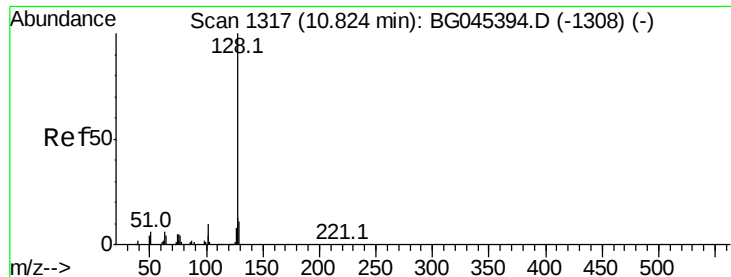
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	46.8	86.8
98	33.9	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.661 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	74.8	112.2
145	26.2	21.9	32.9

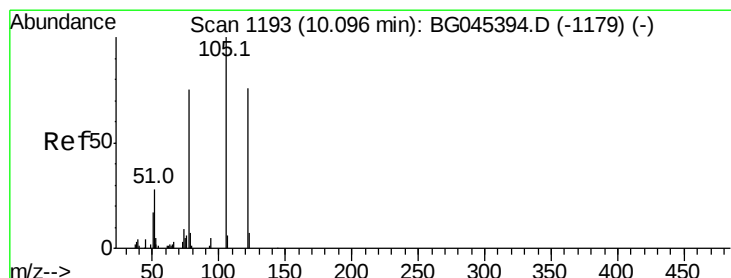
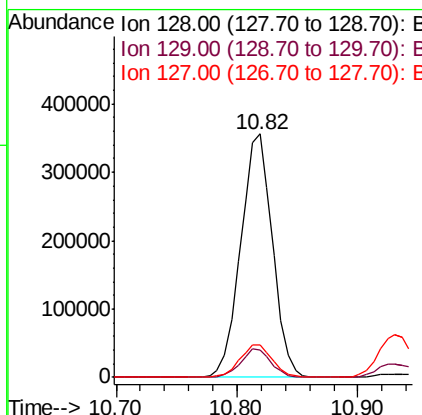
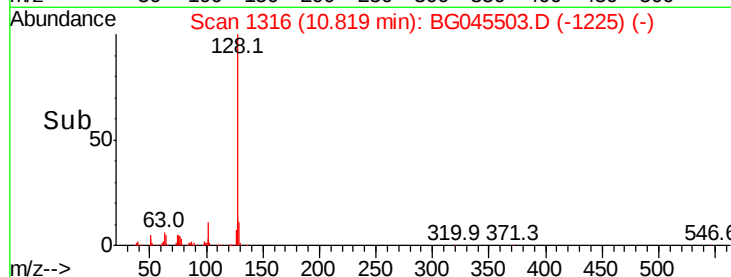
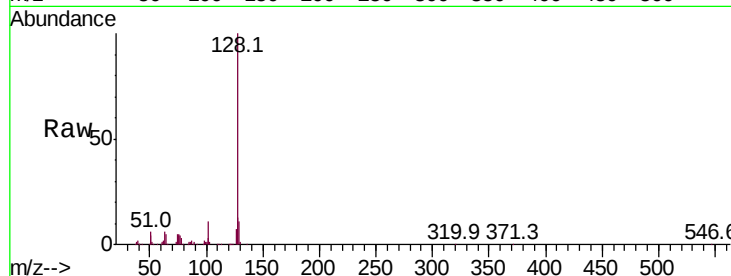




#31
Naphthalene
Concen: 48.426 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

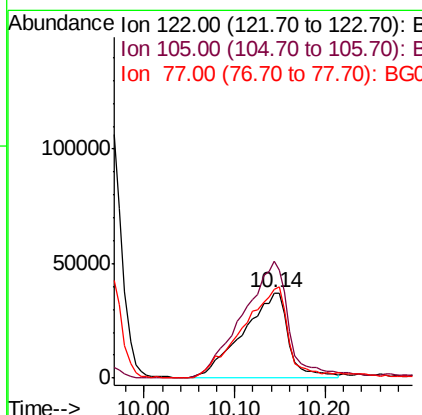
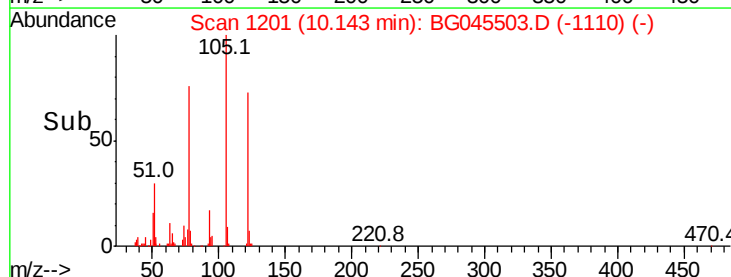
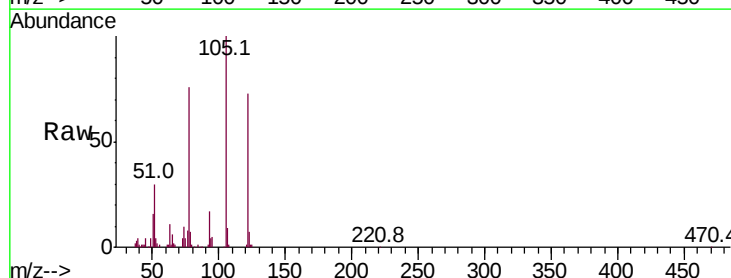
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

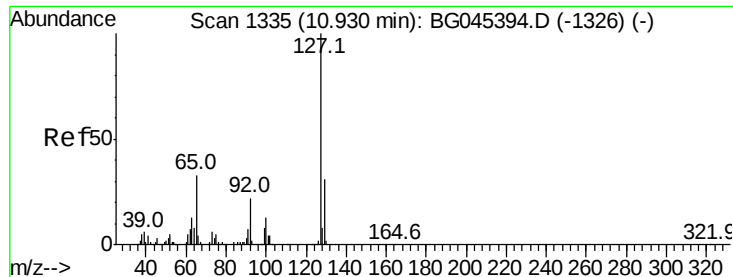
Tot Ion:128 Resp: 650733
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 51.380 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:122 Resp: 127794
Ion Ratio Lower Upper
122 100
105 137.2 107.9 147.9
77 104.5 78.9 118.9

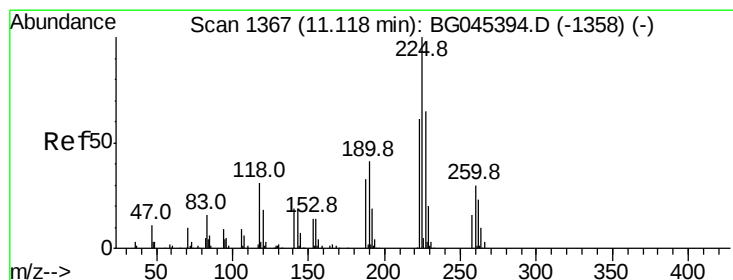
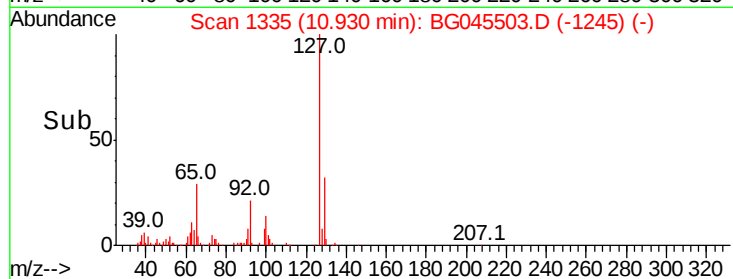
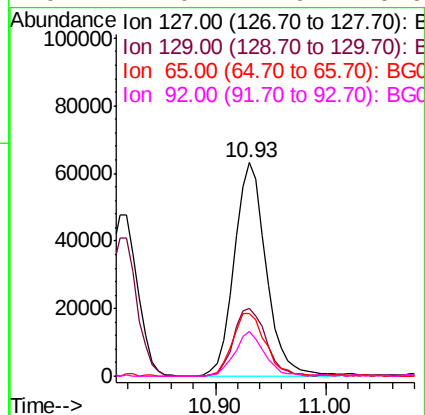
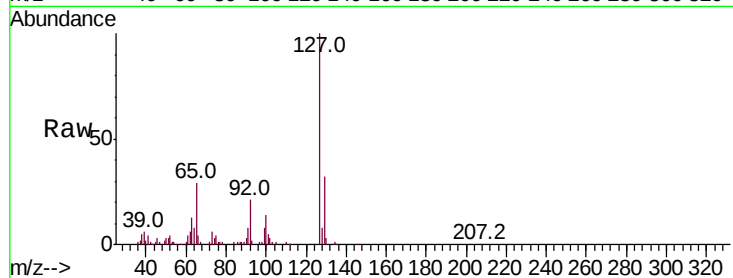




#33
4-Chloroaniline
Concen: 22.931 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

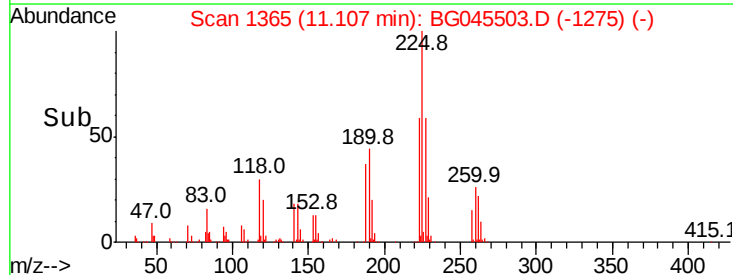
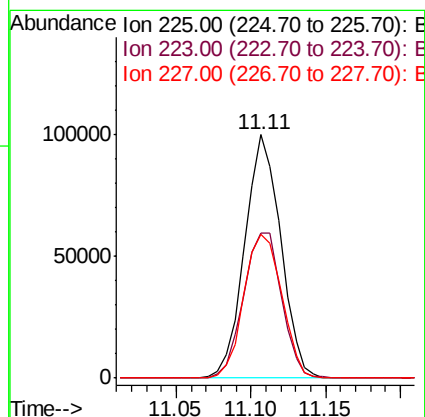
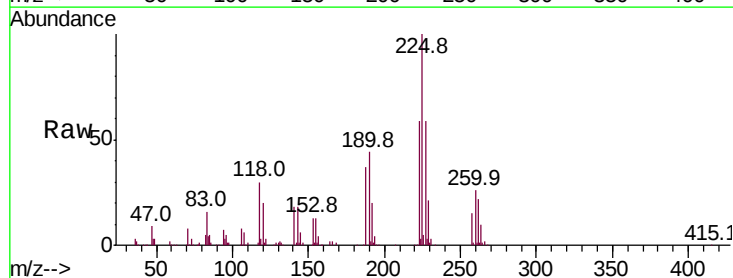
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

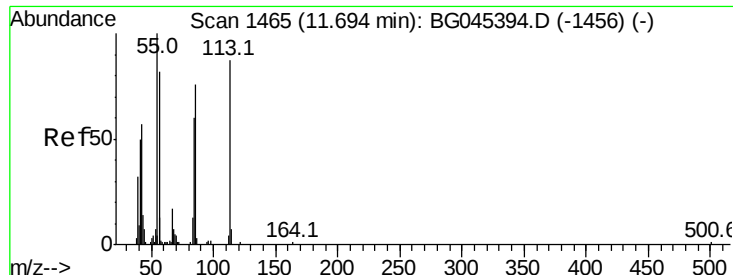
Tot Ion:127	Resp:	128802
Ion Ratio	Lower	Upper
127	100	
129	31.9	24.7 37.1
65	29.4	26.2 39.2
92	21.0	17.9 26.9



#34
Hexachlorobutadiene
Concen: 46.801 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:225	Resp:	165936
Ion Ratio	Lower	Upper
225	100	
223	59.5	49.1 73.7
227	59.2	52.0 78.0





#35

Caprolactam

Concen: 26.435 ng

RT: 11.69 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

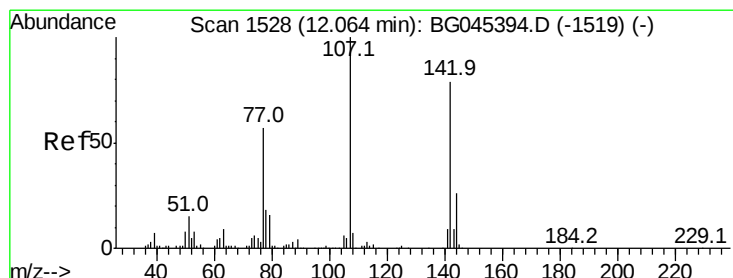
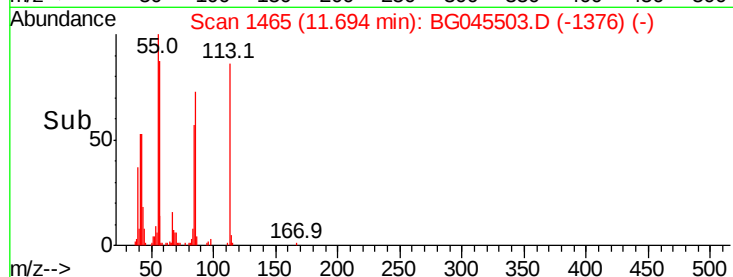
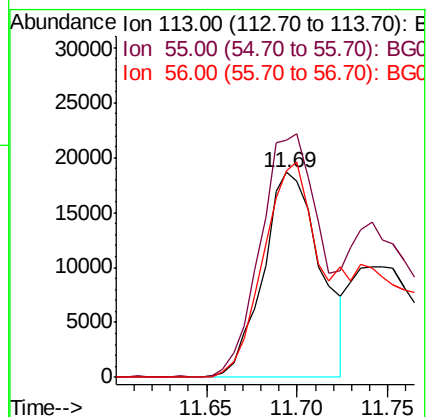
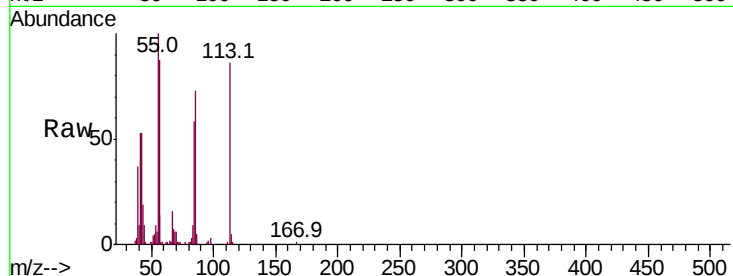
Tot Ion:113 Resp: 41188

Ion Ratio Lower Upper

113 100

55 116.1 96.0 136.0

56 101.0 75.1 115.1



#36

4-Chloro-3-methylphenol

Concen: 51.572 ng

RT: 12.09 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

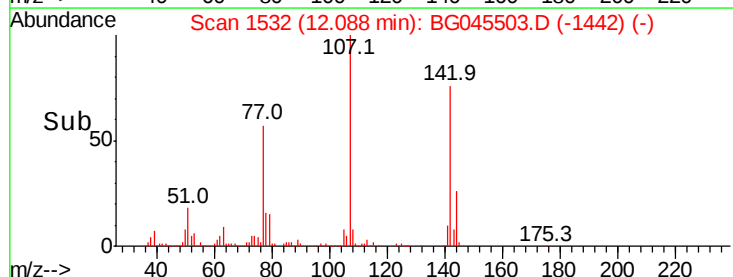
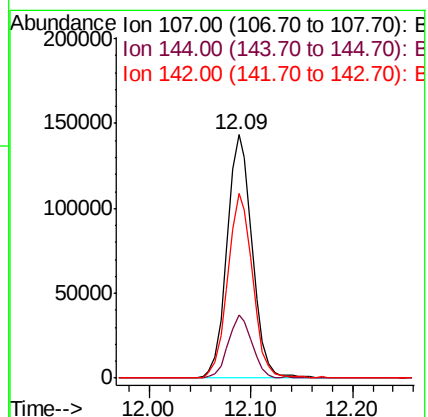
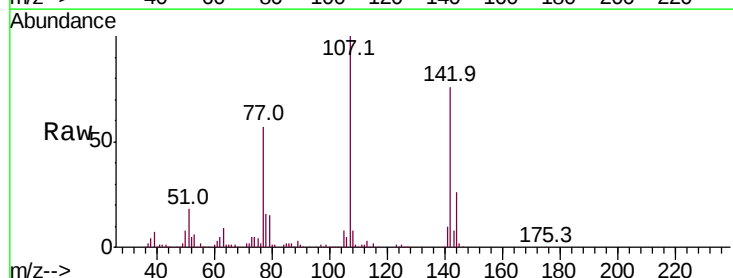
Tgt Ion:107 Resp: 246683

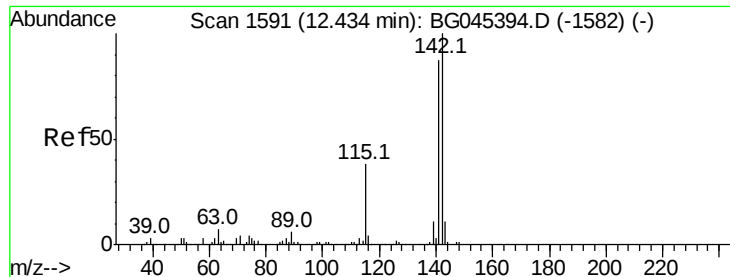
Ion Ratio Lower Upper

107 100

144 25.7 20.8 31.2

142 76.1 62.8 94.2

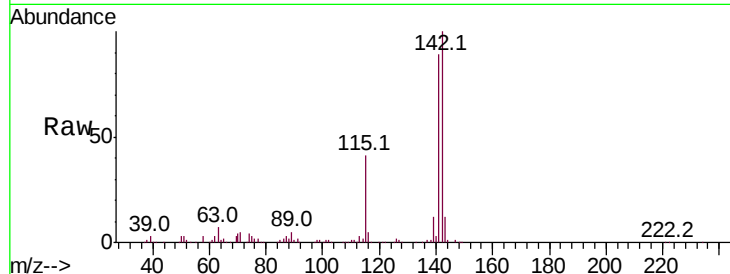




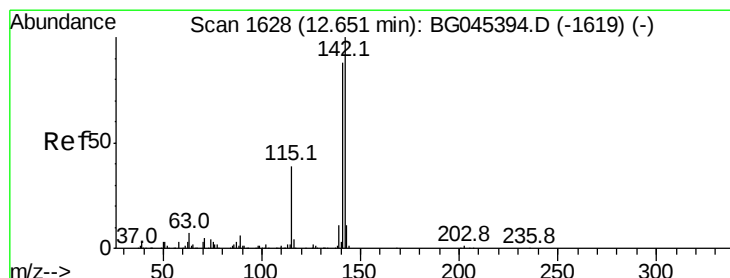
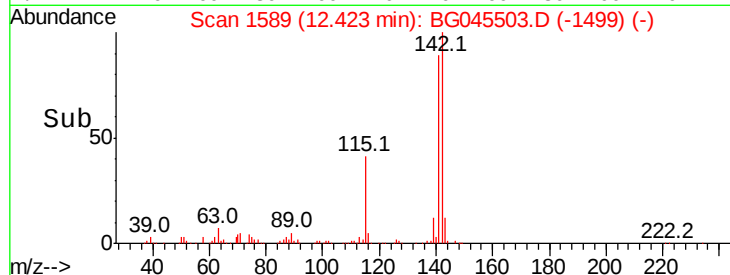
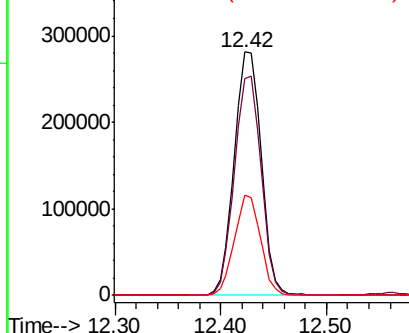
#37
2-Methylnaphthalene
Concen: 49.519 ng
RT: 12.42 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

Tot Ion:142 Resp: 495961
Ion Ratio Lower Upper
142 100
141 88.9 70.0 105.0
115 41.1 30.8 46.2

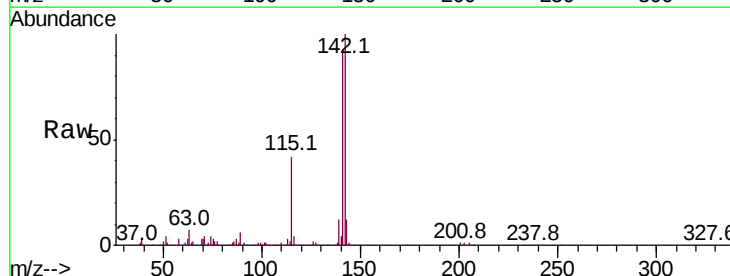


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

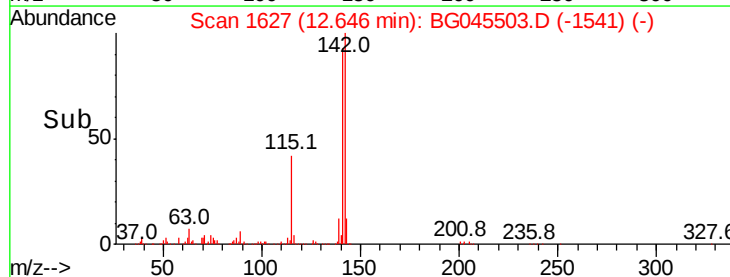
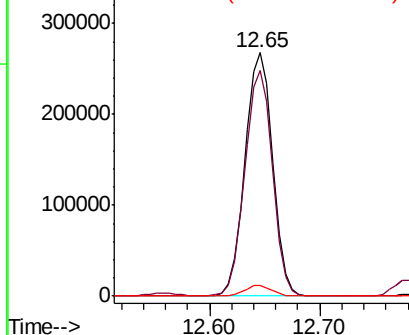


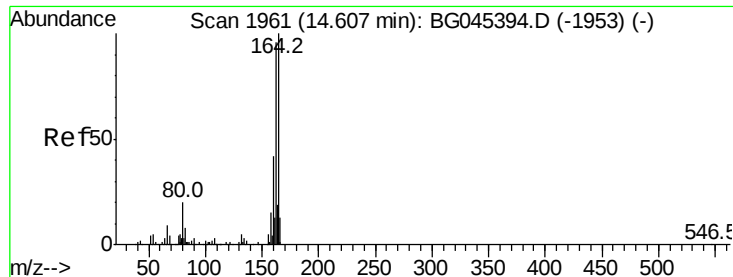
#38
1-Methylnaphthalene
Concen: 49.826 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:142 Resp: 471402
Ion Ratio Lower Upper
142 100
141 92.9 70.8 106.2
116 4.3 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: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

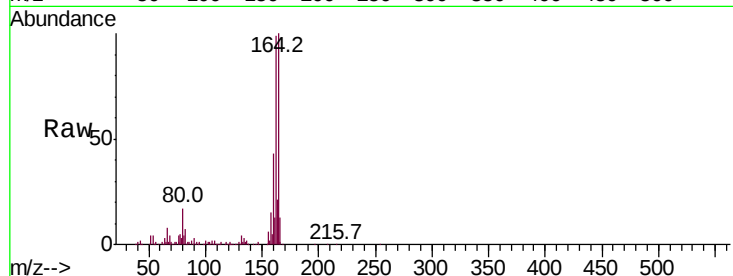
Tot Ion:164 Resp: 205840

Ion Ratio Lower Upper

164 100

162 99.4 76.9 115.3

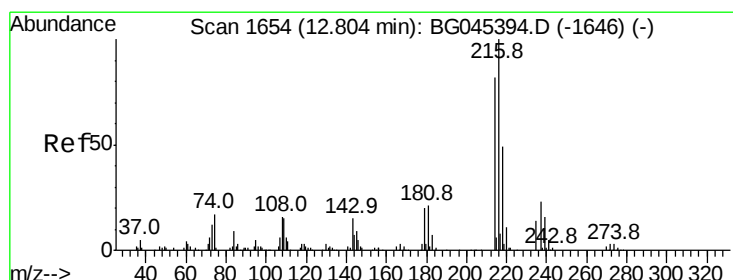
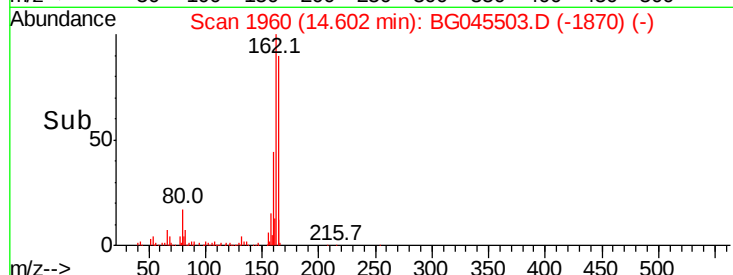
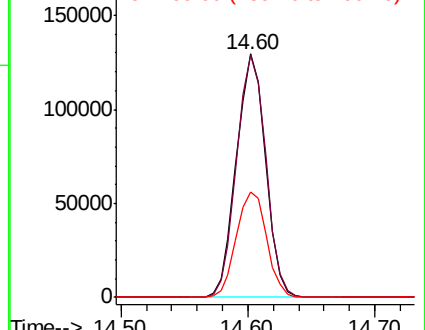
160 43.4 33.8 50.8



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: 50.047 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Tgt Ion:216 Resp: 287740

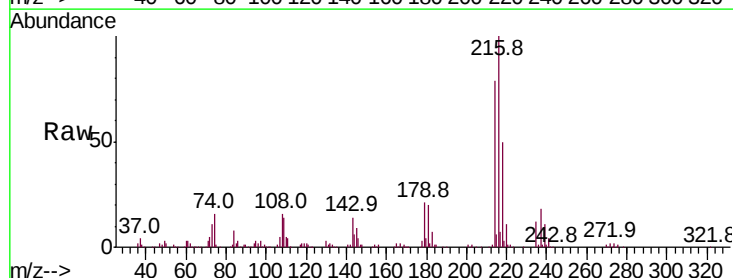
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 19.7 16.1 24.1

108 18.4 13.8 20.6

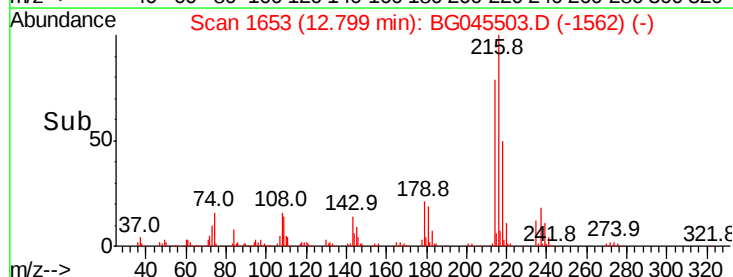
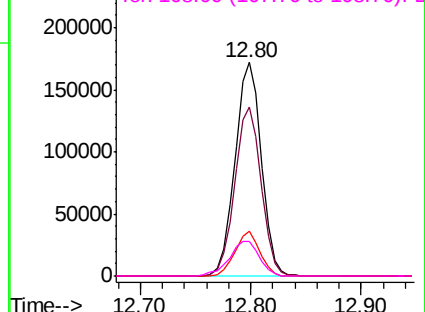


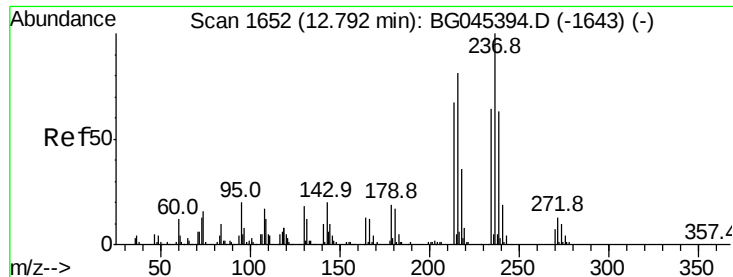
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.942 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

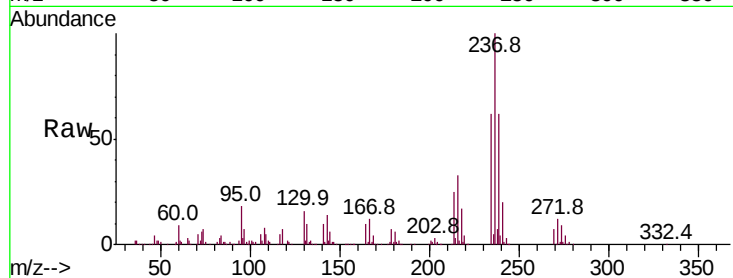
Tot Ion:237 Resp: 275241

Ion Ratio Lower Upper

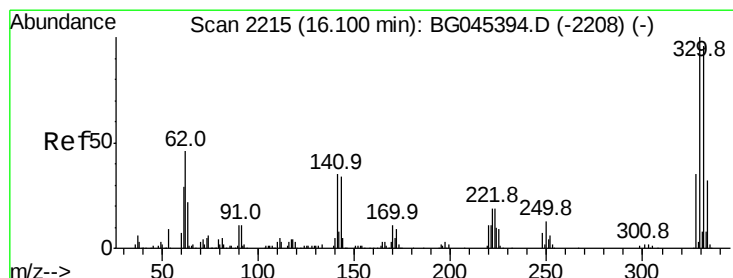
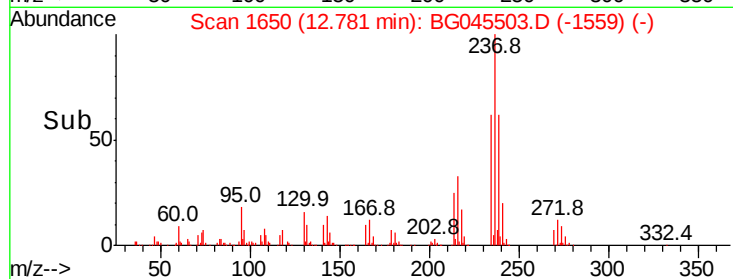
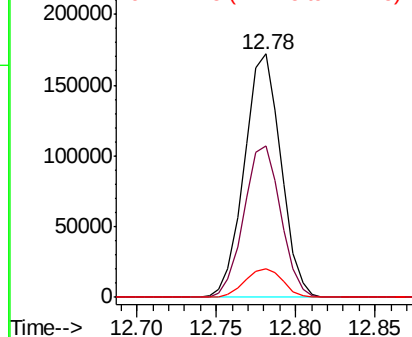
237 100

235 62.1 44.4 84.4

272 11.6 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: 115.364 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

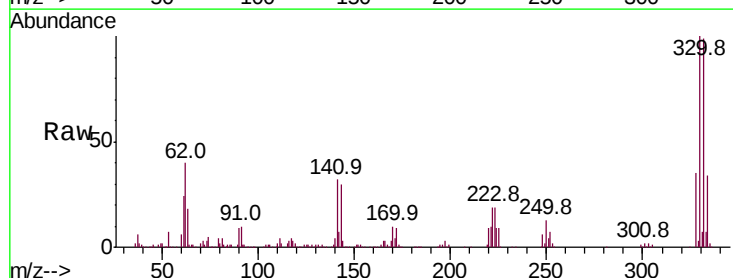
Tgt Ion:330 Resp: 303690

Ion Ratio Lower Upper

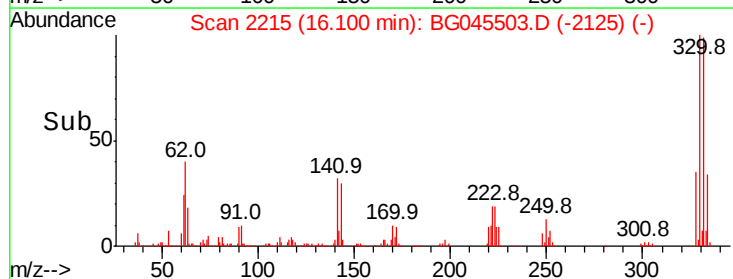
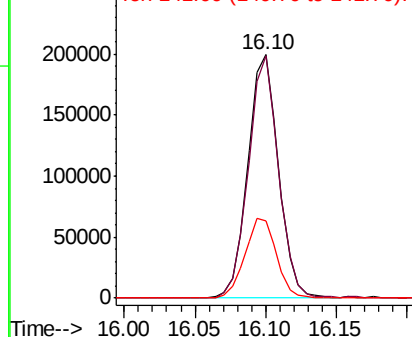
330 100

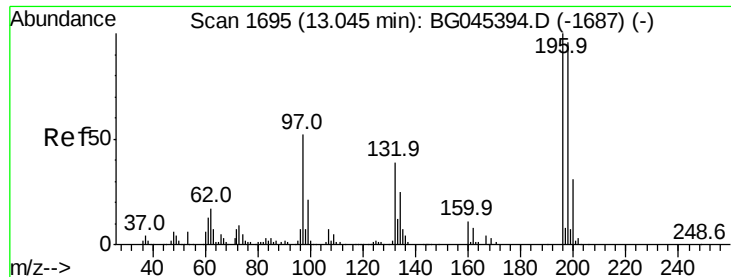
332 98.5 78.2 117.4

141 33.9 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

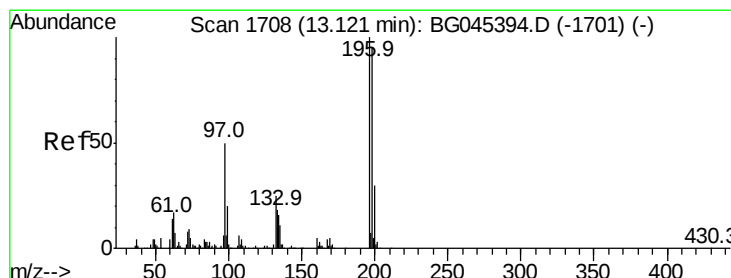
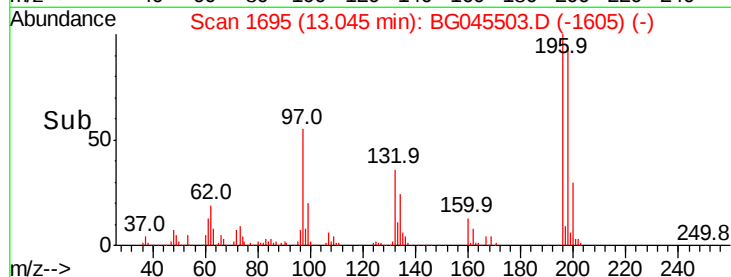
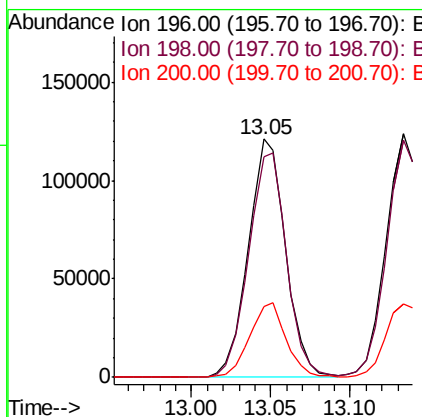
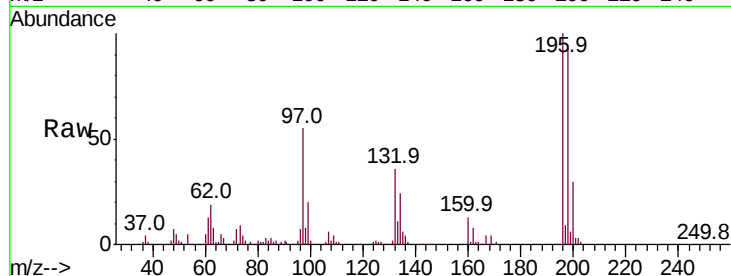




#43
 2,4,6-Trichlorophenol
 Concen: 49.515 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

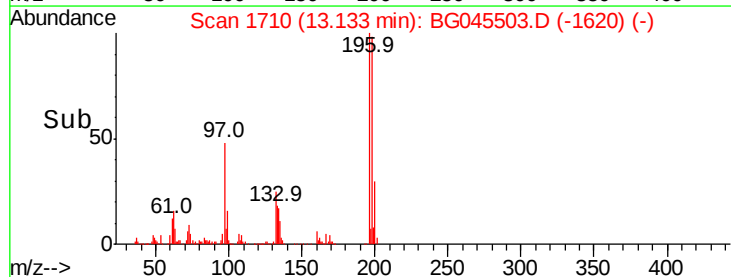
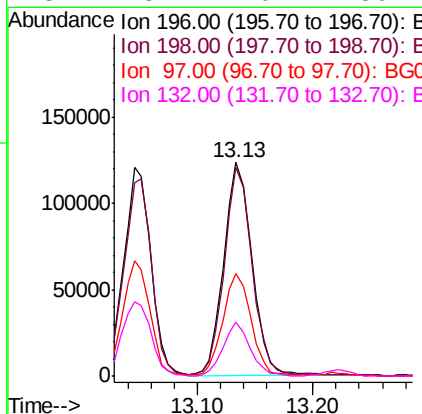
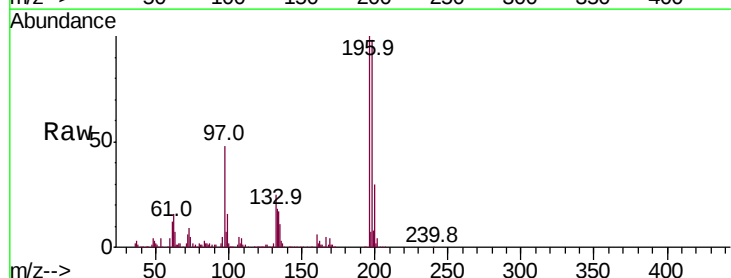
Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2MSD

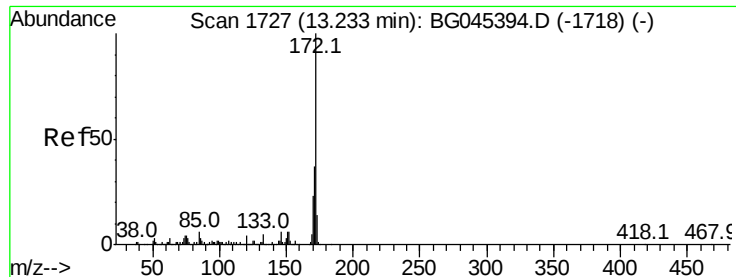
Tot Ion:196 Resp: 197758
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.7 115.1
 200 29.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.892 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

Tgt Ion:196 Resp: 209453
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.1 114.1
 97 47.7 40.0 60.0
 132 25.1 20.2 30.2

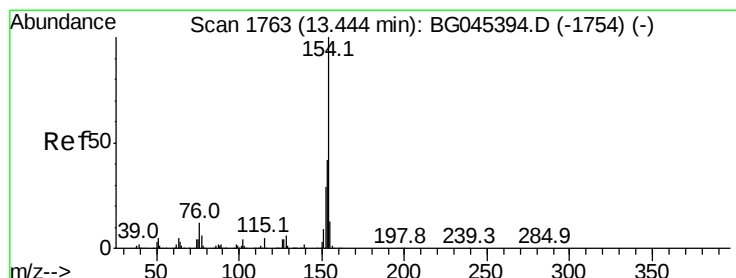
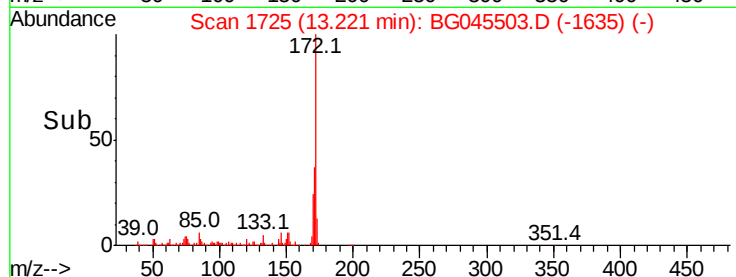
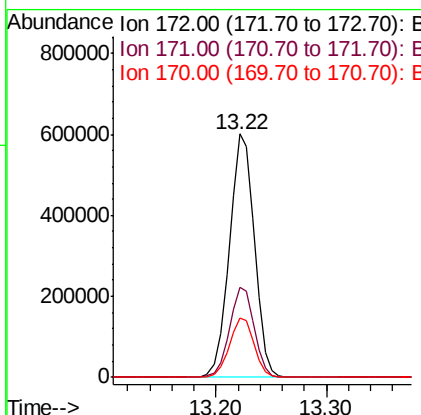
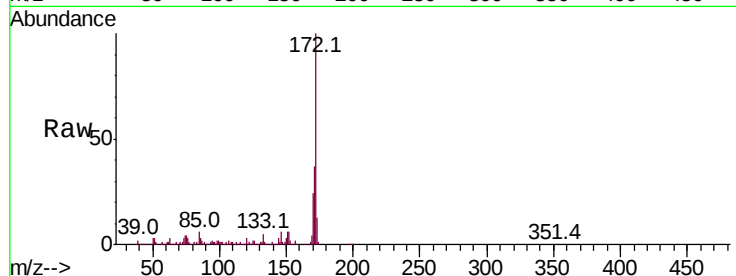




#45
2-Fluorobiphenyl
Concen: 78.559 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

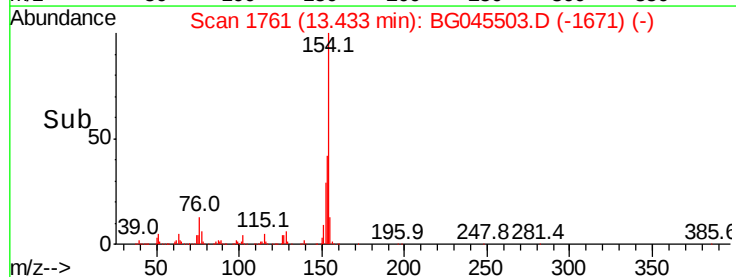
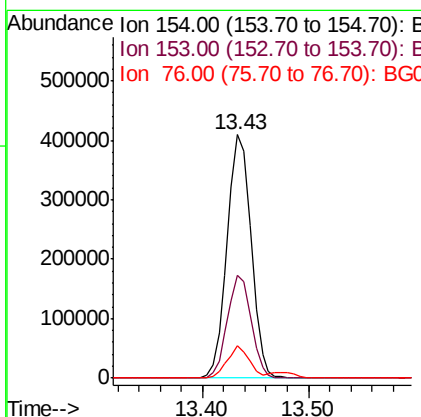
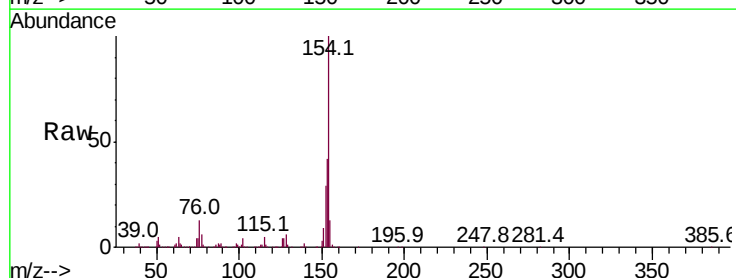
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

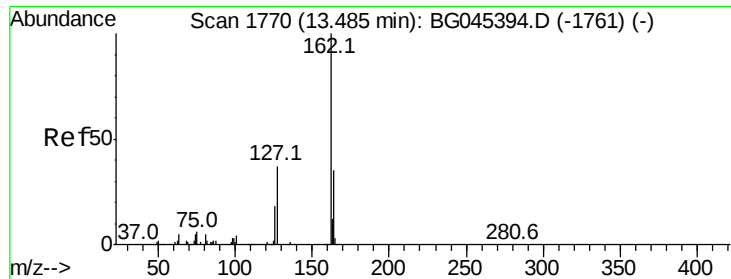
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.1	18.5	27.7



#46
1,1'-Biphenyl
Concen: 50.760 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.2	62.2
76	13.3	0.0	32.4





#47

2-Chloronaphthalene

Concen: 47.205 ng

RT: 13.47 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

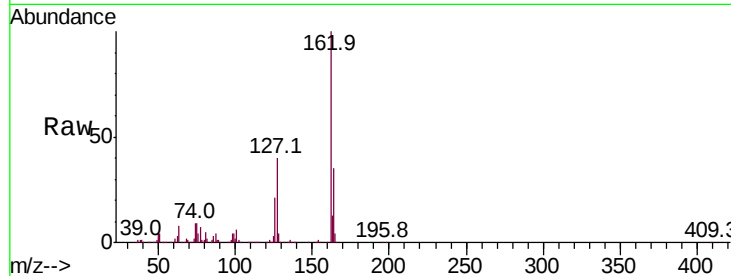
Tot Ion:162 Resp: 484822

Ion Ratio Lower Upper

162 100

127 40.4 31.6 47.4

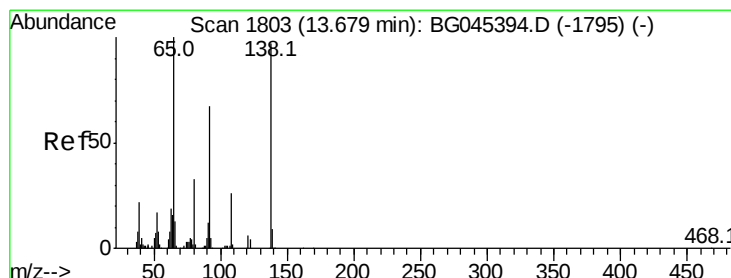
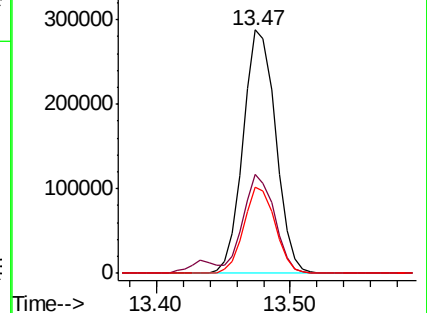
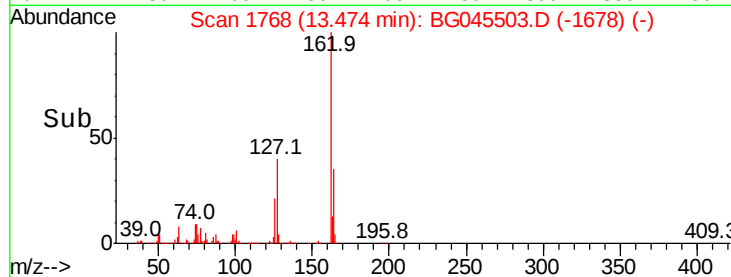
164 35.2 28.1 42.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.149 ng

RT: 13.69 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

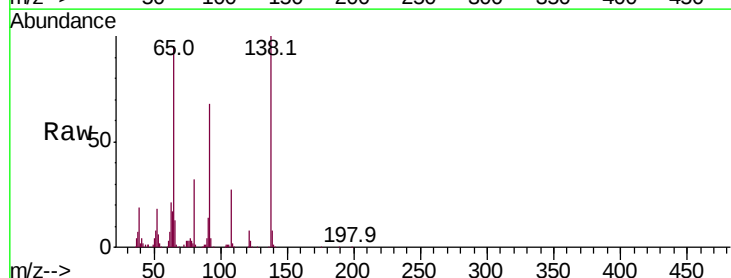
Tgt Ion: 65 Resp: 152535

Ion Ratio Lower Upper

65 100

92 72.2 53.8 80.8

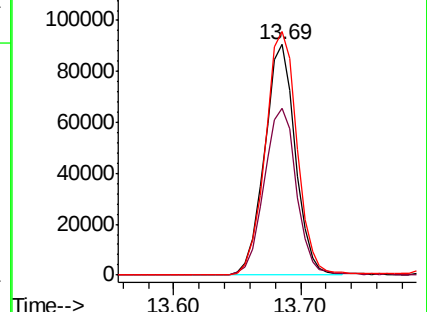
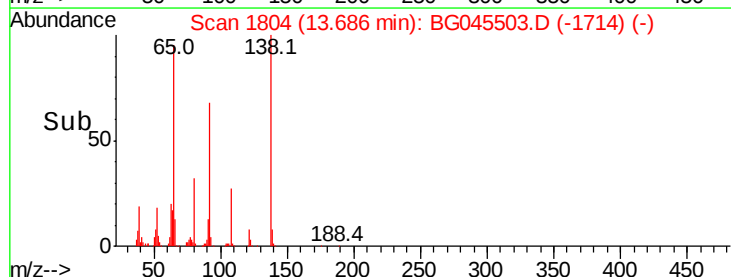
138 105.5 77.9 116.9

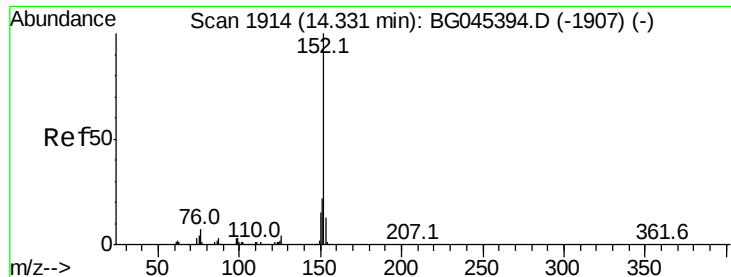


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.940 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

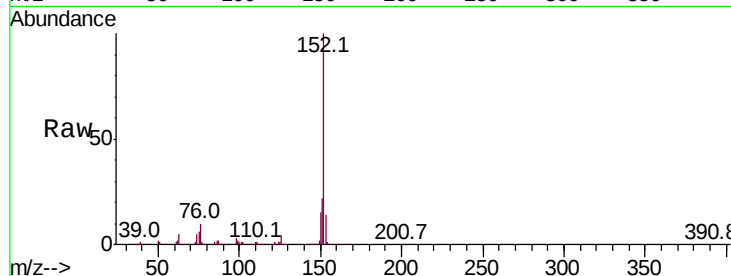
Tot Ion:152 Resp: 807370

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.2

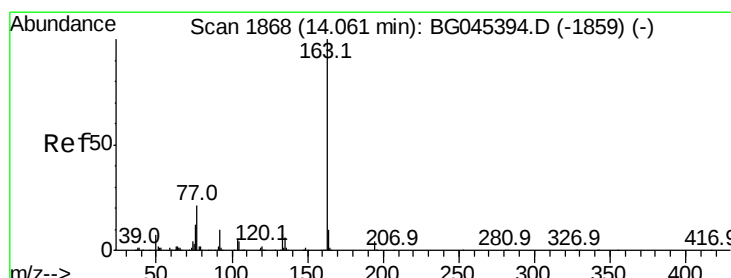
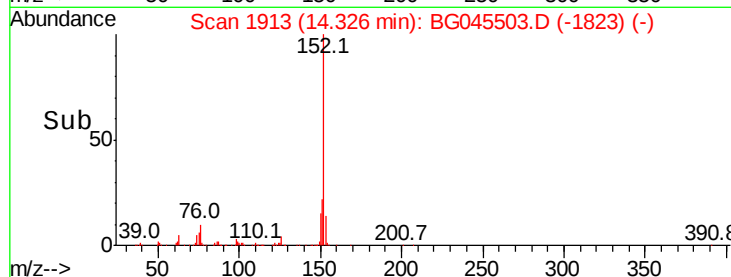
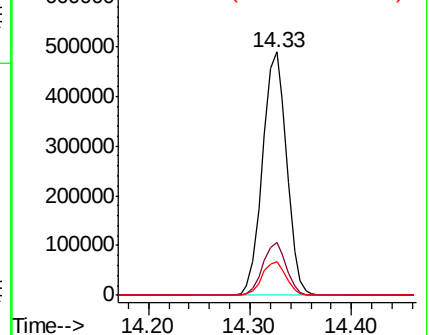
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.059 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

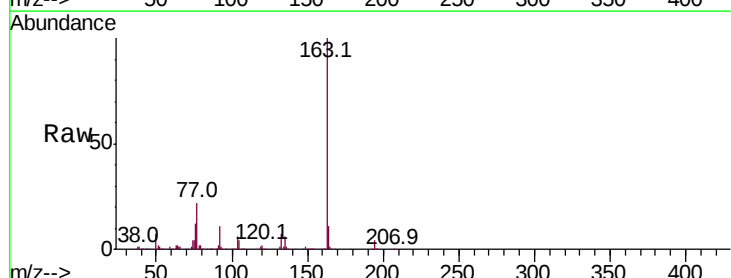
Tgt Ion:163 Resp: 777464

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

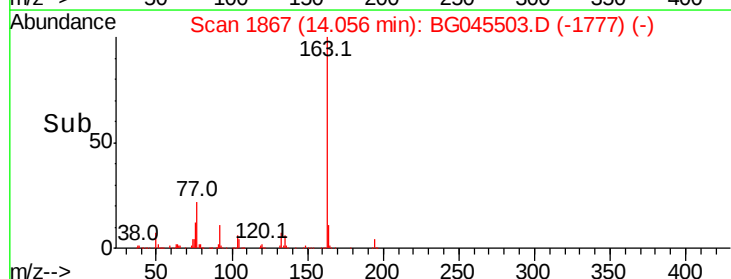
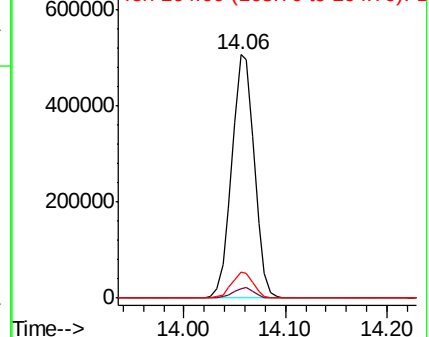
164 10.9 8.3 12.5

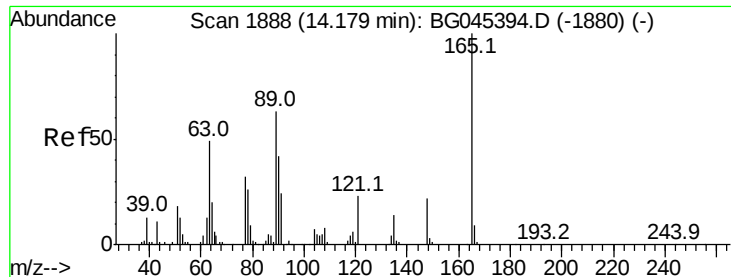


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

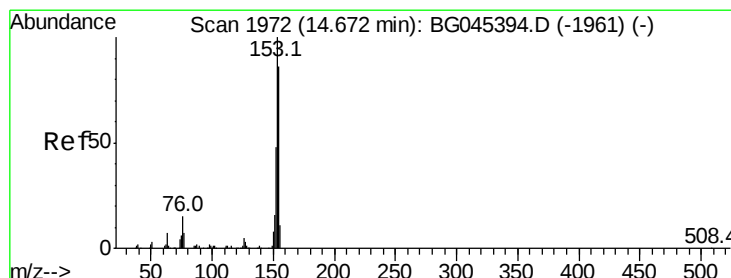
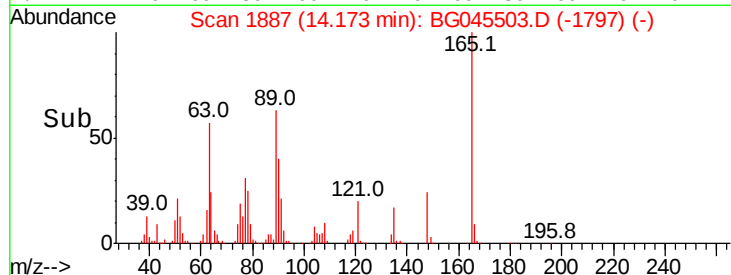
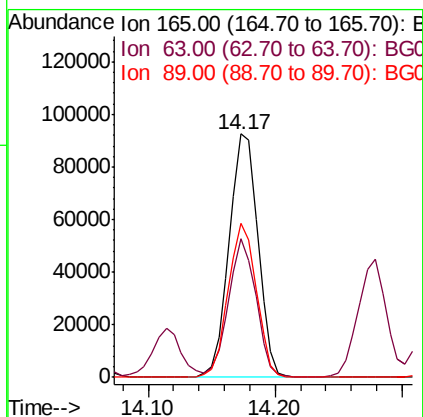
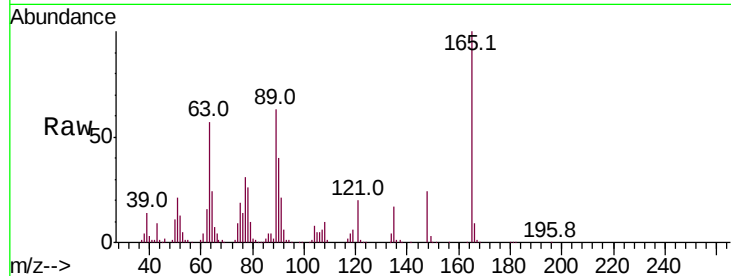




#51
 2,6-Dinitrotoluene
 Concen: 45.565 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

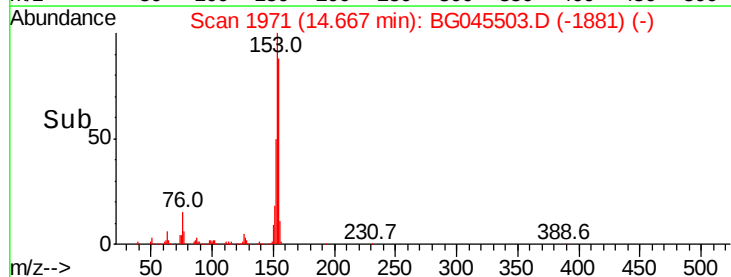
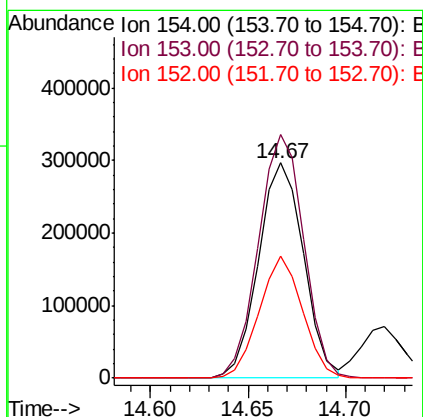
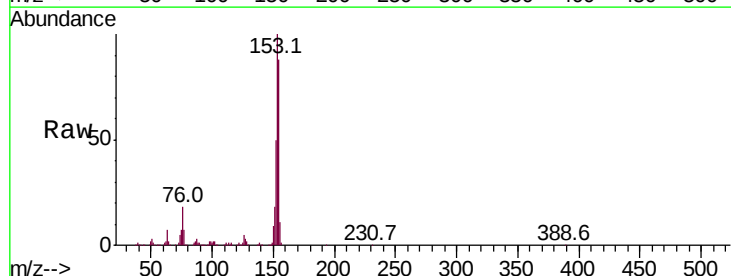
Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2MSD

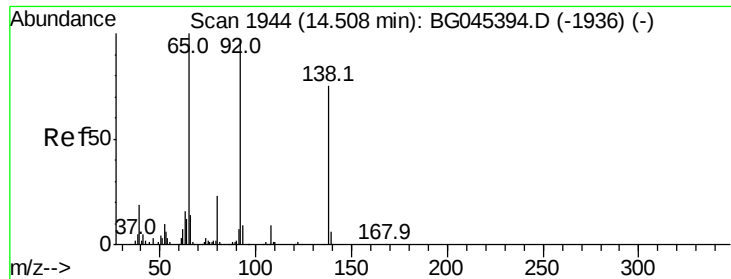
Tot Ion:165 Resp: 145184
 Ion Ratio Lower Upper
 165 100
 63 56.7 45.0 67.4
 89 63.1 50.2 75.4



#52
 Acenaphthene
 Concen: 42.779 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

Tgt Ion:154 Resp: 472399
 Ion Ratio Lower Upper
 154 100
 153 113.1 92.8 139.2
 152 56.5 44.6 66.8

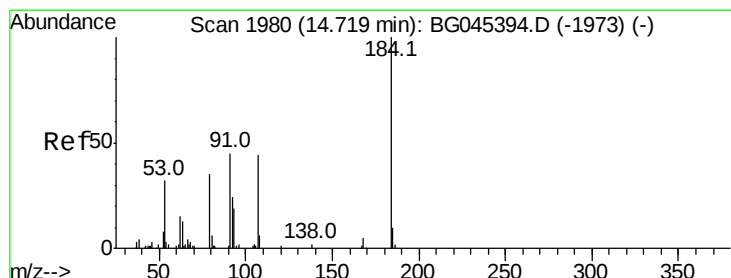
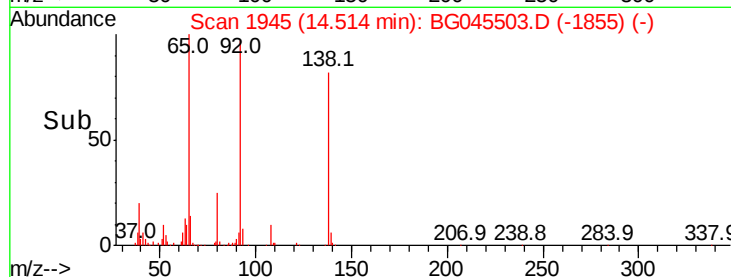
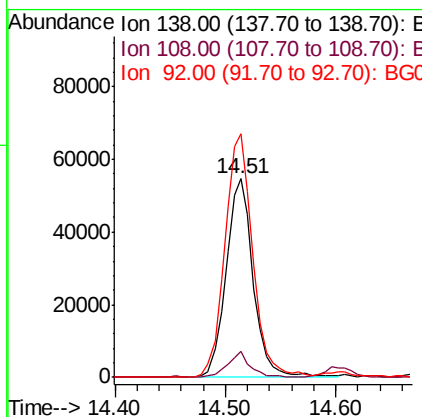
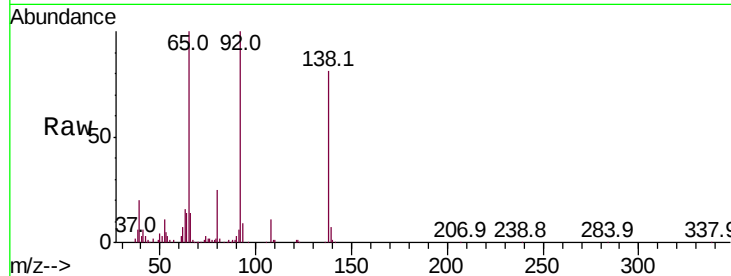




#53
3-Nitroaniline
Concen: 28.925 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

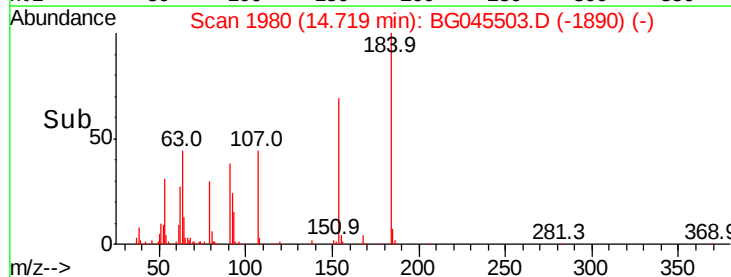
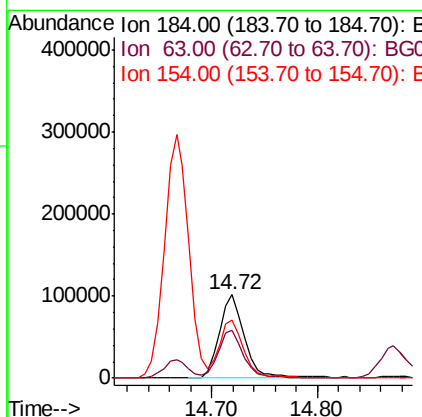
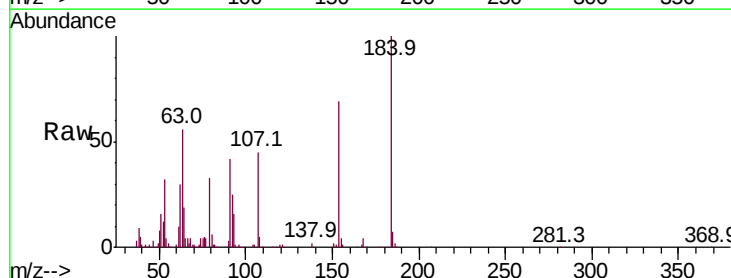
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

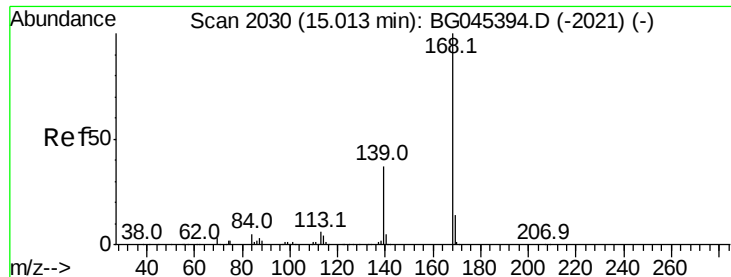
Tot Ion:138 Resp: 93688
Ion Ratio Lower Upper
138 100
108 13.2 9.8 14.6
92 122.8 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 81.079 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:184 Resp: 169396
Ion Ratio Lower Upper
184 100
63 56.5 47.8 71.6
154 69.3 58.3 87.5





#55

Dibenzofuran

Concen: 47.361 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

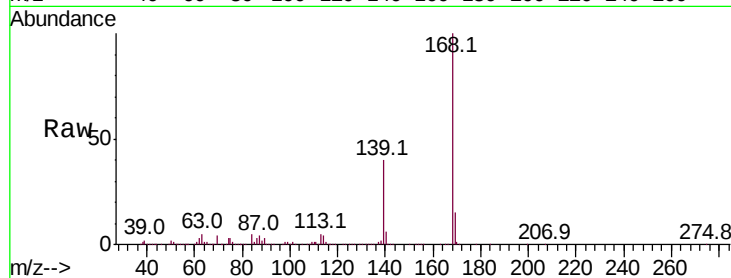
Tot Ion:168 Resp: 776665

Ion Ratio Lower Upper

168 100

139 39.7 29.9 44.9

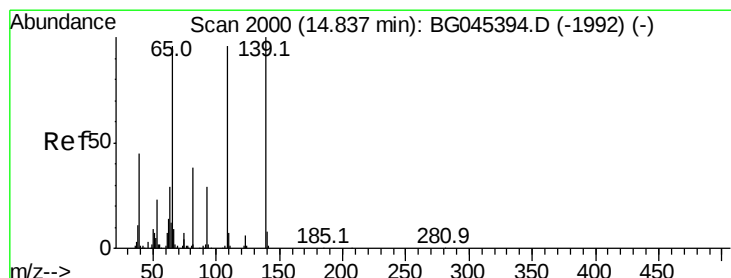
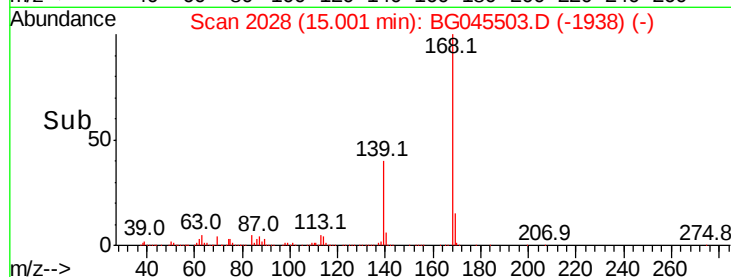
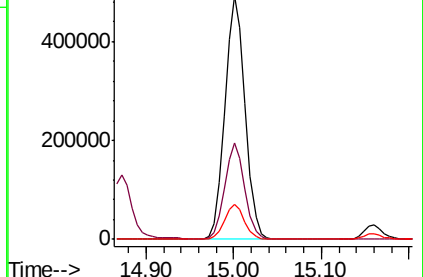
169 14.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.538 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

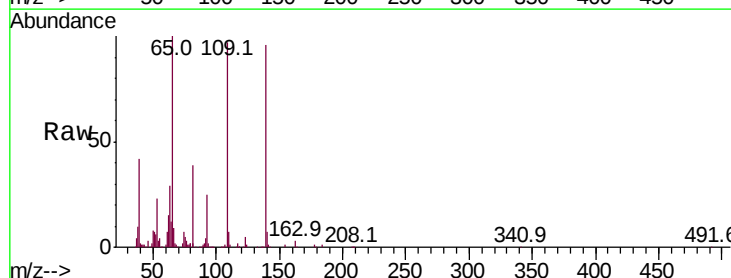
Tgt Ion:139 Resp: 224474

Ion Ratio Lower Upper

139 100

109 101.4 75.6 115.6

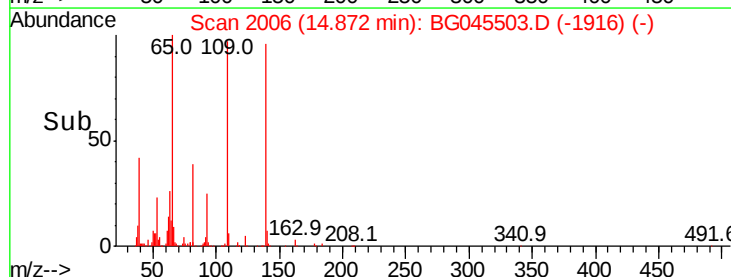
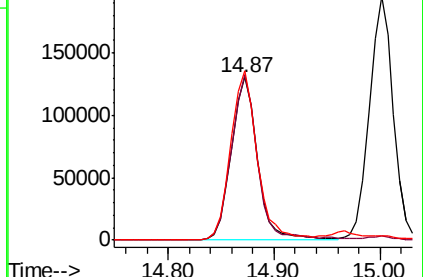
65 104.1 76.8 116.8

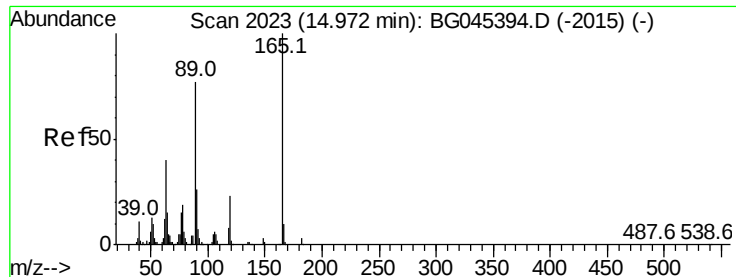


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

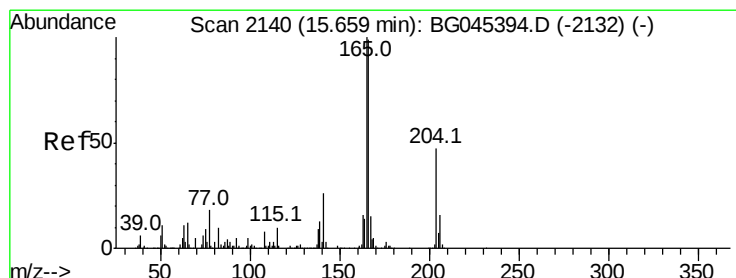
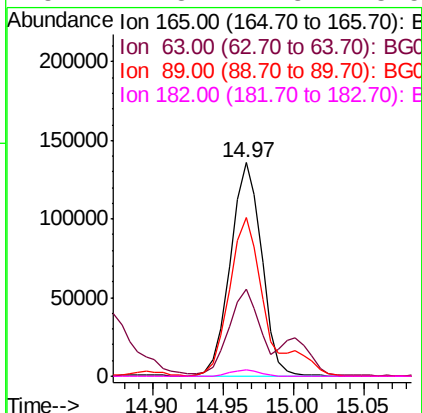
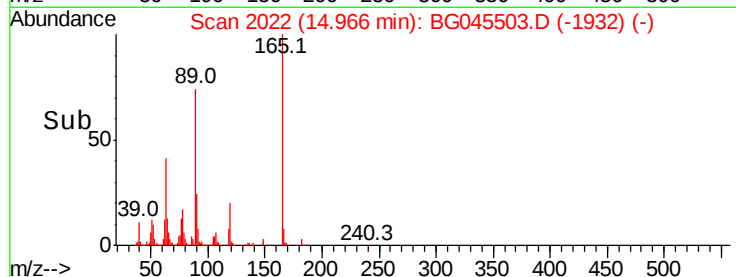
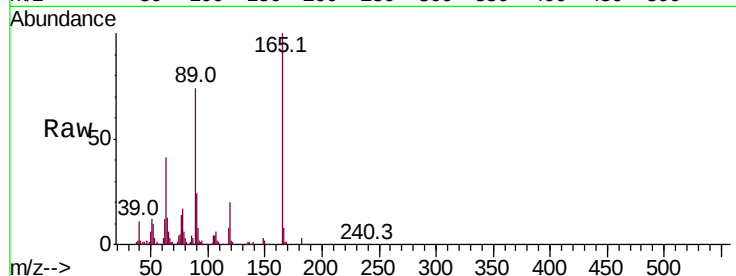




#57
2,4-Dinitrotoluene
Concen: 45.445 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

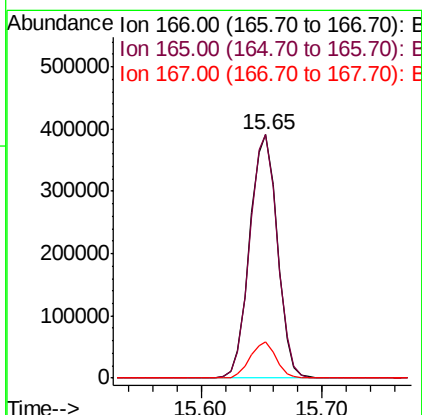
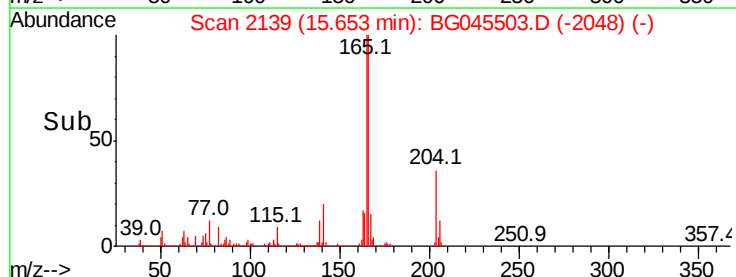
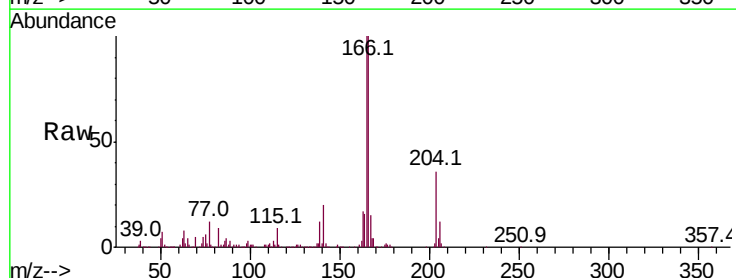
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

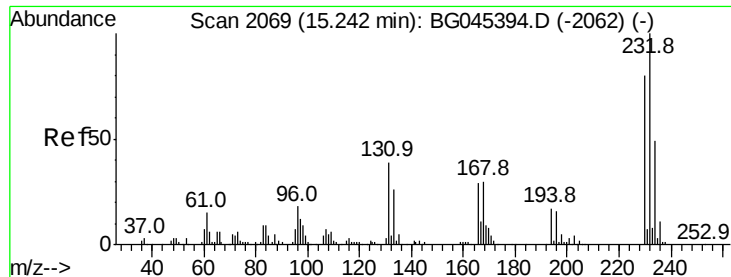
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.5	32.5	48.7
89	74.0	61.8	92.6
182	2.8	2.3	3.5



#58
Fluorene
Concen: 46.535 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.8	121.2
167	15.1	12.0	18.0

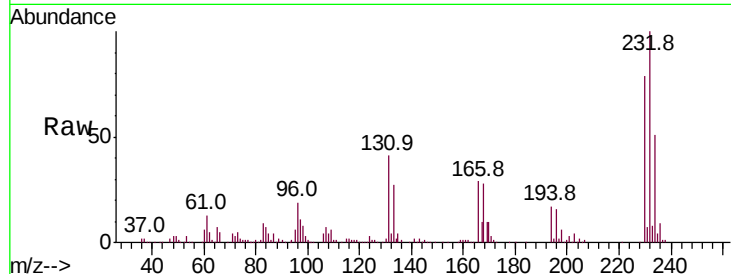




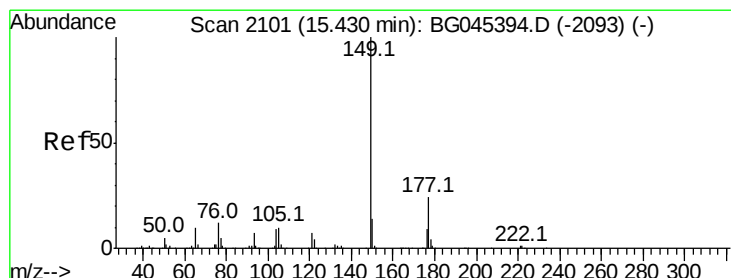
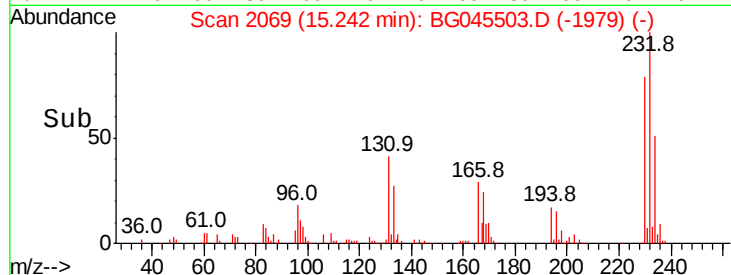
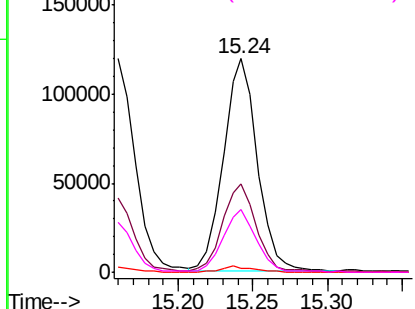
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.076 ng
RT: 15.24 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

Tot Ion:232	Resp:	189026
Ion Ratio	Lower	Upper
232	100	
131	41.3	33.7 50.5
130	2.7	2.1 3.1
166	29.0	23.2 34.8

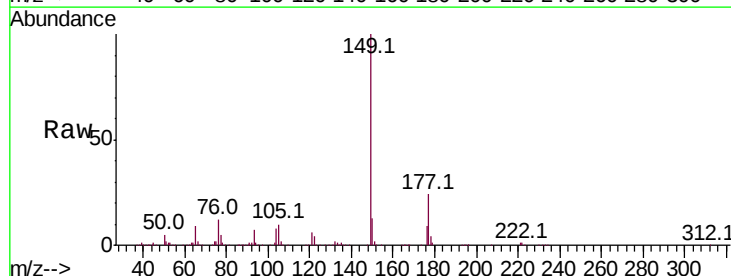


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

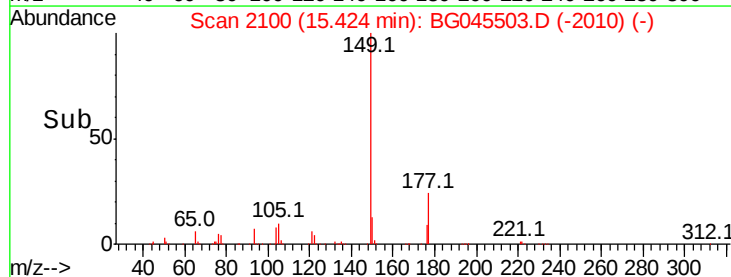
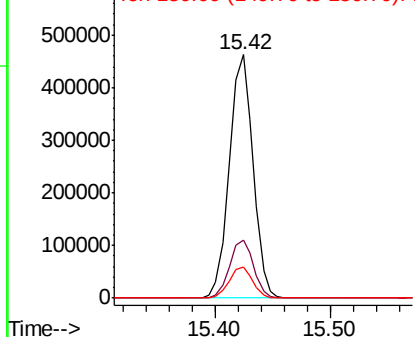


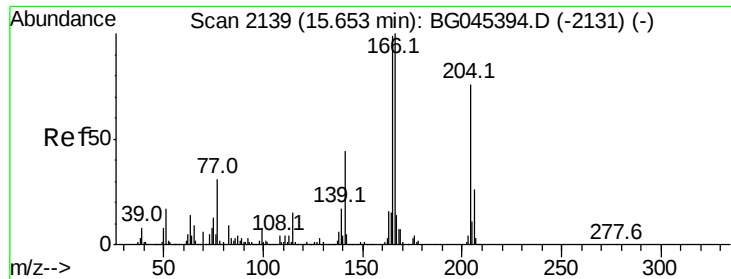
#60
Diethylphthalate
Concen: 44.665 ng
RT: 15.42 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:149	Resp:	656443
Ion Ratio	Lower	Upper
149	100	
177	23.8	19.0 28.4
150	13.0	11.4 17.0



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

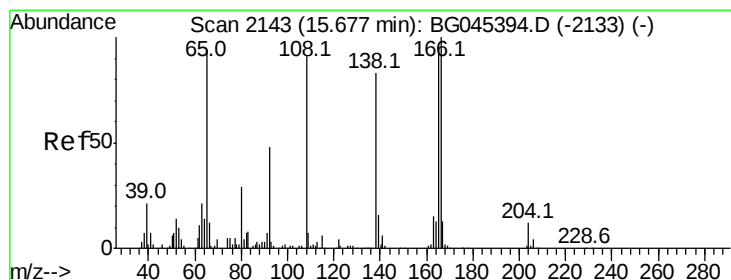
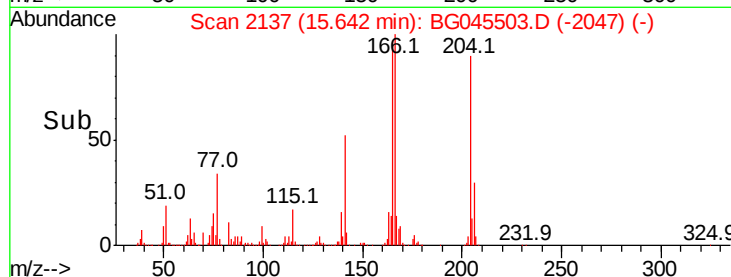
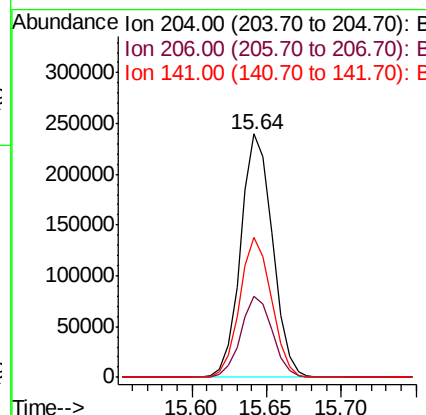
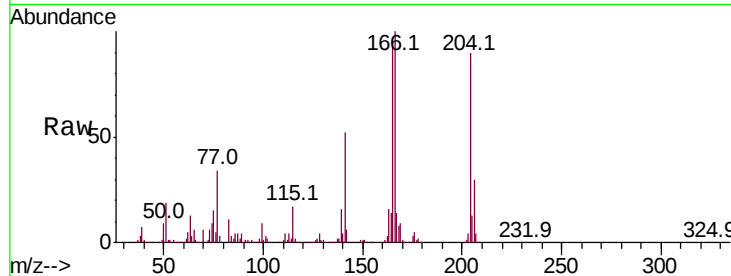




#61
4-Chlorophenyl-phenylether
Concen: 45.783 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

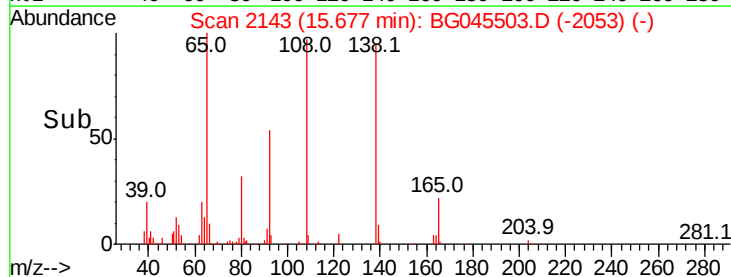
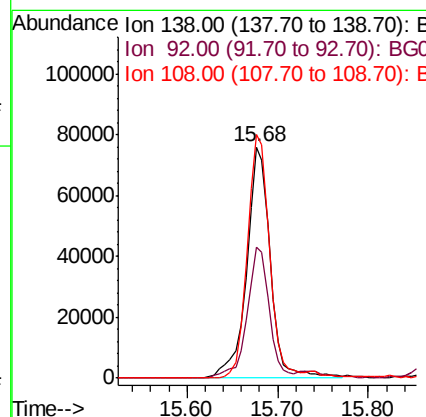
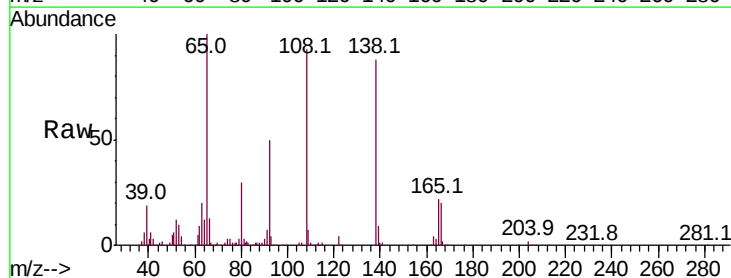
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

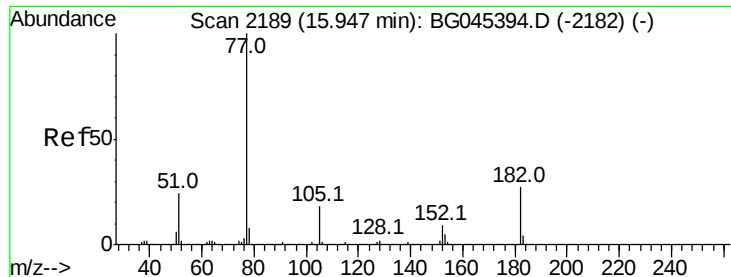
Tot Ion:204 Resp: 352959
Ion Ratio Lower Upper
204 100
206 33.0 27.3 40.9
141 57.4 45.9 68.9



#62
4-Nitroaniline
Concen: 40.528 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:138 Resp: 137040
Ion Ratio Lower Upper
138 100
92 56.8 38.0 78.0
108 105.4 89.3 129.3





#63

Azobenzene

Concen: 46.051 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

Tot Ion: 77 Resp: 631088

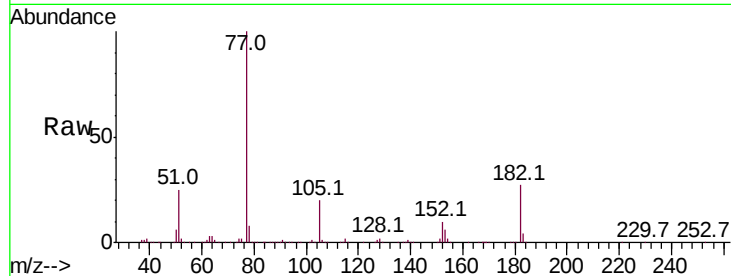
Ion Ratio Lower Upper

77 100

182 26.7 6.5 46.5

105 19.6 0.0 37.9

51 24.5 4.1 44.1

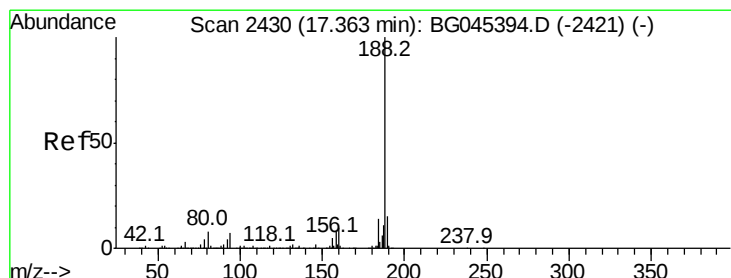
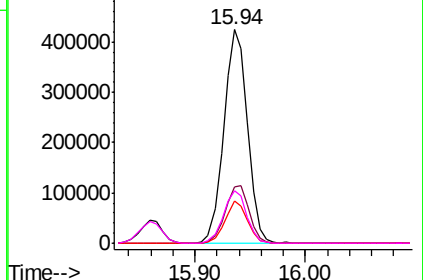
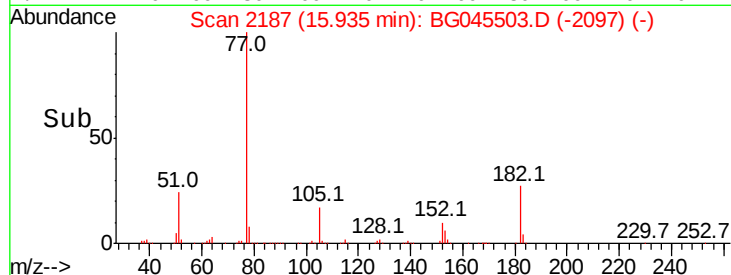


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

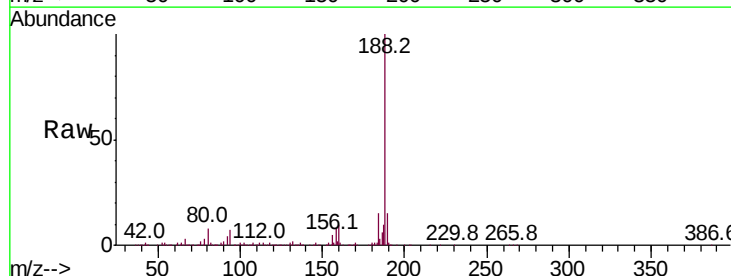
Tgt Ion: 188 Resp: 460403

Ion Ratio Lower Upper

188 100

94 6.7 5.5 8.3

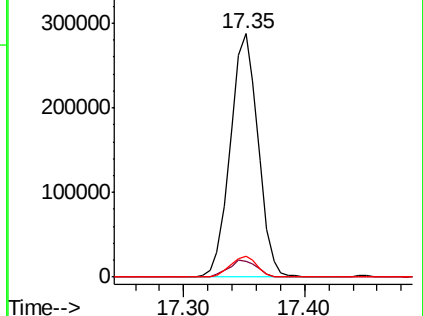
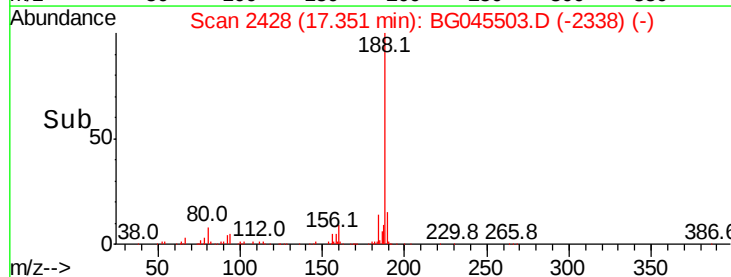
80 8.4 6.6 10.0

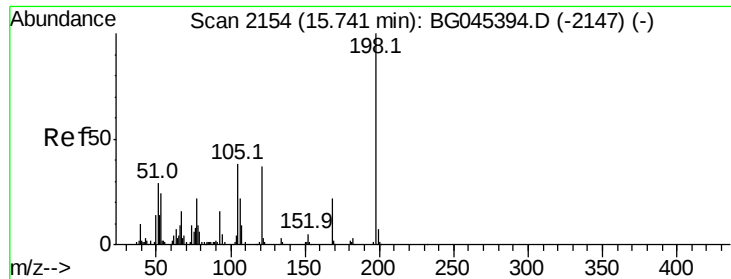


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

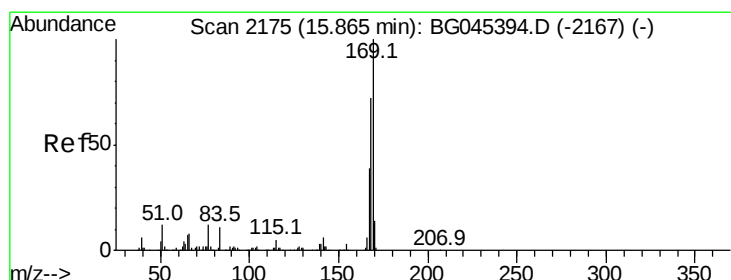
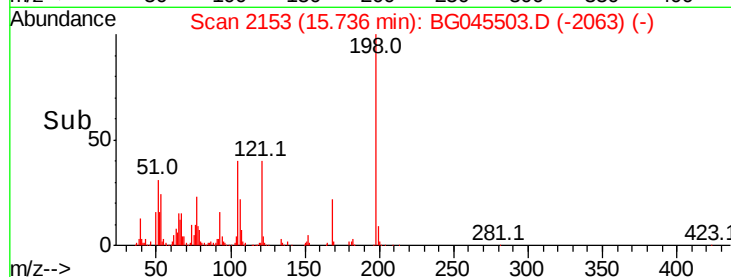
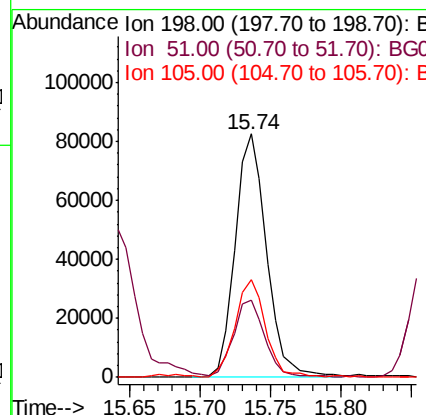
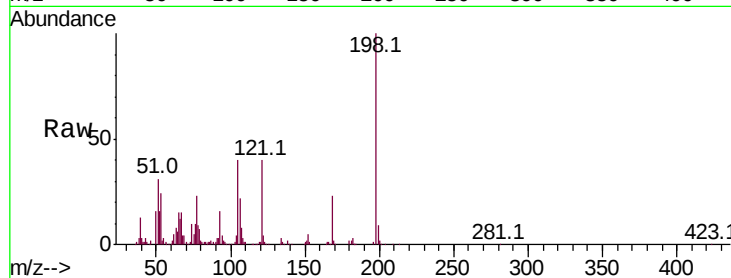




#65
4,6-Dinitro-2-methylphenol
Concen: 47.602 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

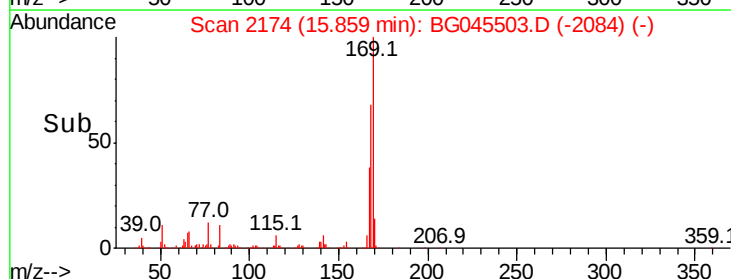
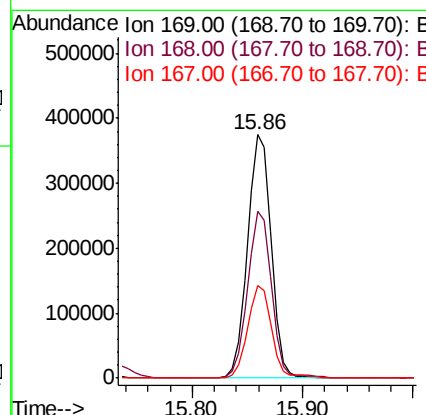
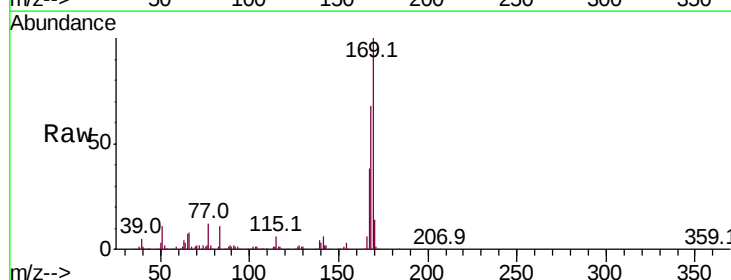
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

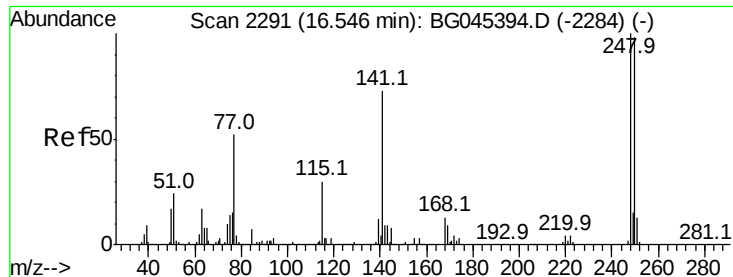
Tot Ion:198 Resp: 127639
Ion Ratio Lower Upper
198 100
51 31.5 10.0 50.0
105 40.3 18.9 58.9



#66
n-Nitrosodiphenylamine
Concen: 51.144 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:169 Resp: 565362
Ion Ratio Lower Upper
169 100
168 68.3 57.8 86.6
167 38.1 31.5 47.3

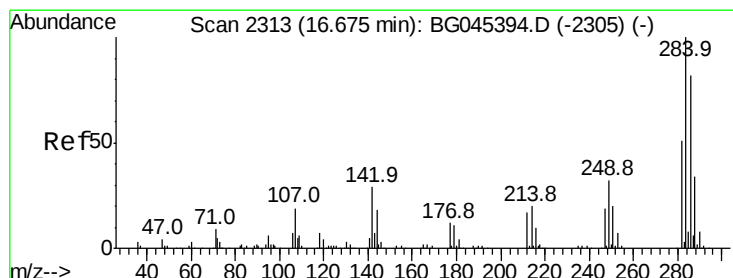
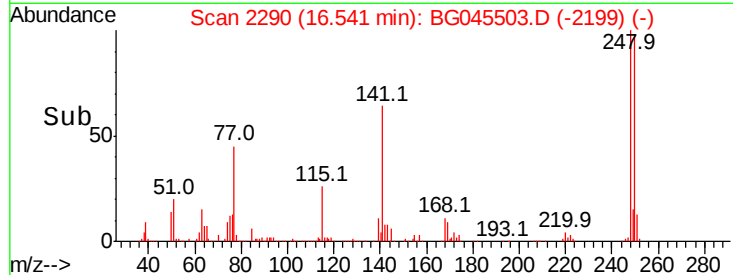
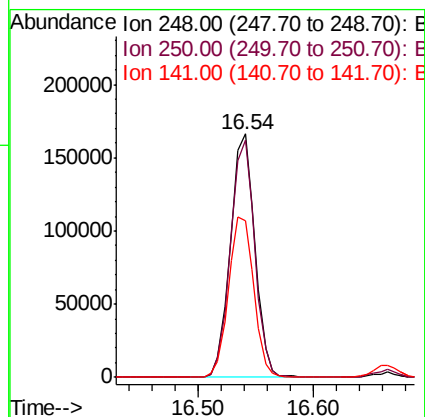
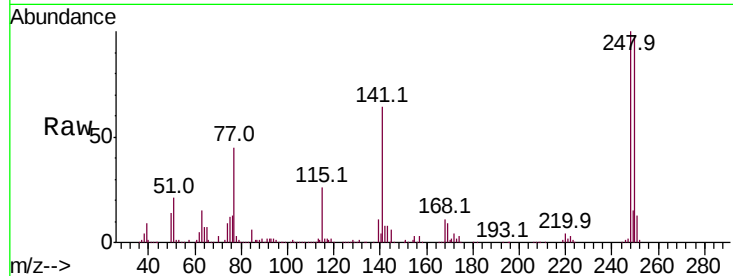




#67
 4-Bromophenyl-phenylether
 Concen: 48.850 ng
 RT: 16.54 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

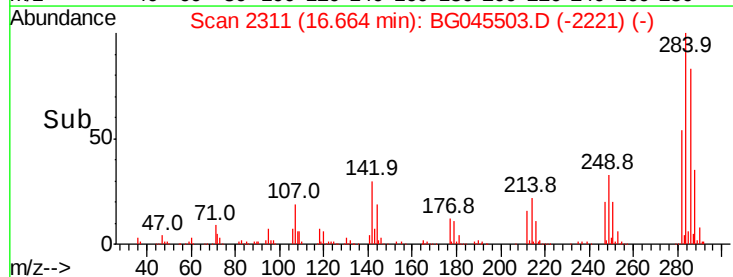
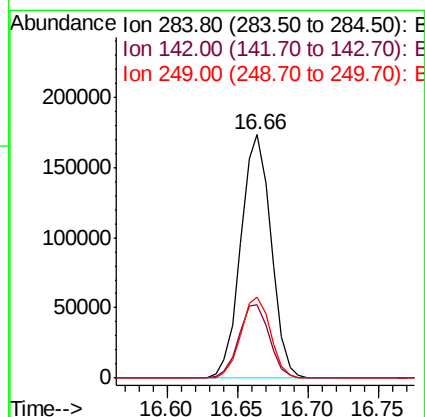
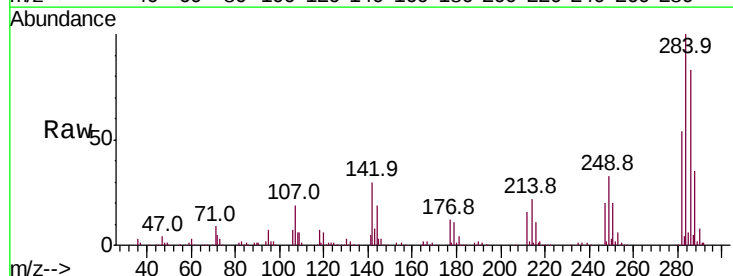
Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2MSD

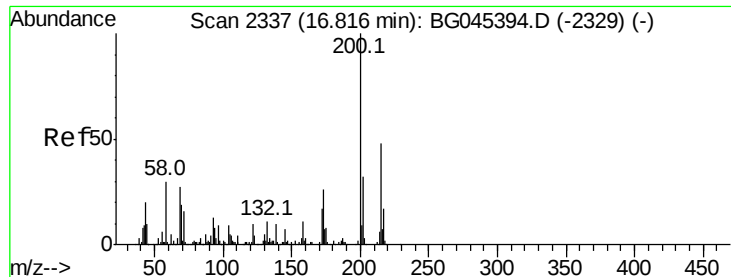
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.6	117.8
141	64.4	58.2	87.2



#68
 Hexachlorobenzene
 Concen: 50.012 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	23.0	34.6
249	33.2	25.8	38.6

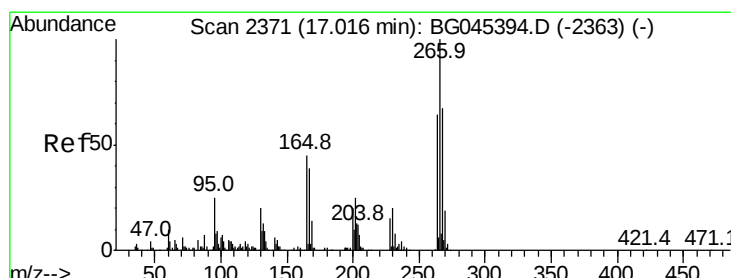
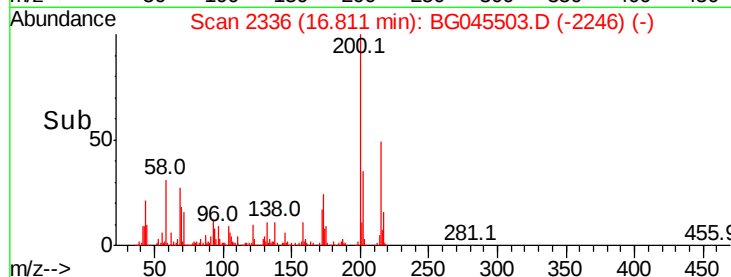
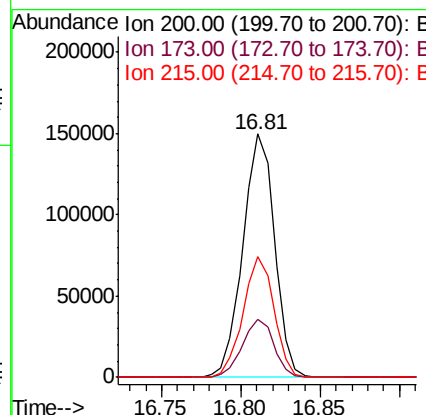
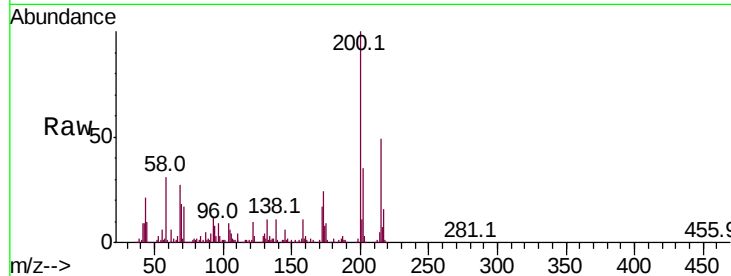




#69
 Atrazine
 Concen: 45.617 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

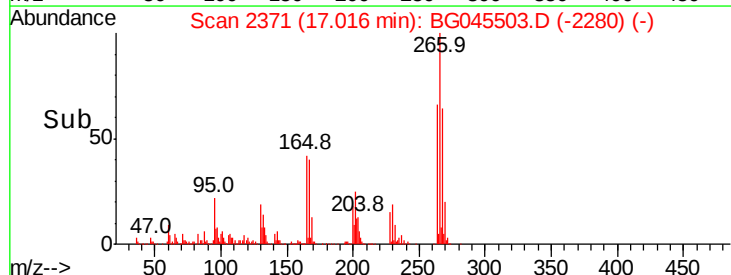
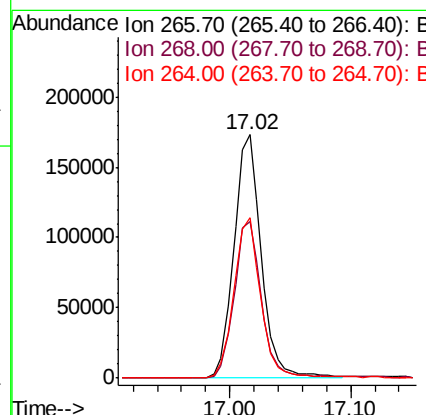
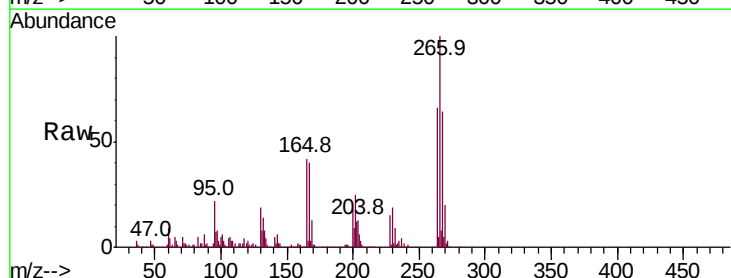
Instrument :
 BNA_G
 ClientSampleId :
 RAMP-A-INFIELD-2MSD

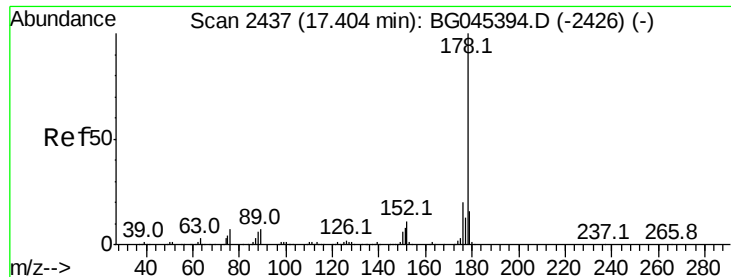
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.5	45.5
215	49.5	28.2	68.2



#70
 Pentachlorophenol
 Concen: 100.439 ng
 RT: 17.02 min Scan# 2371
 Delta R.T. 0.01 min
 Lab File: BG045503.D
 Acq: 28 May 2020 18:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	53.2	79.8
264	65.7	51.0	76.4

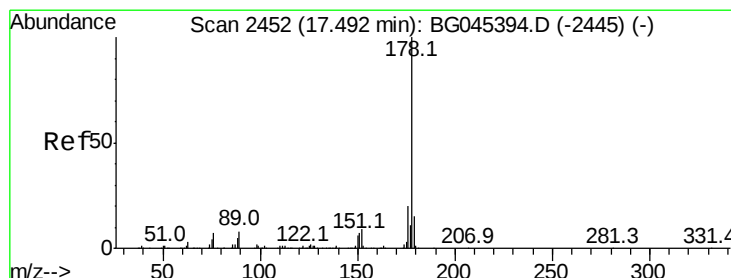
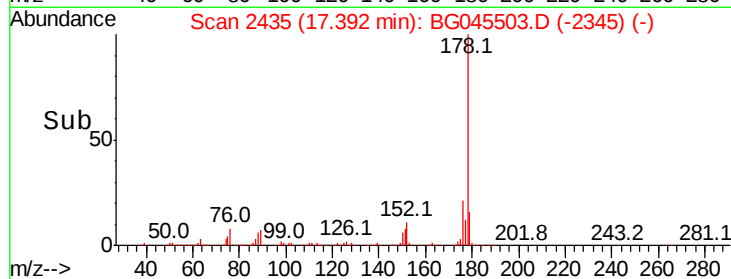
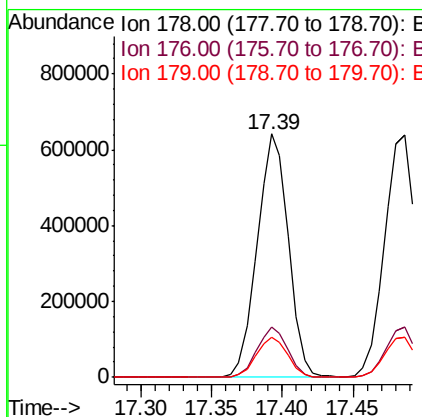
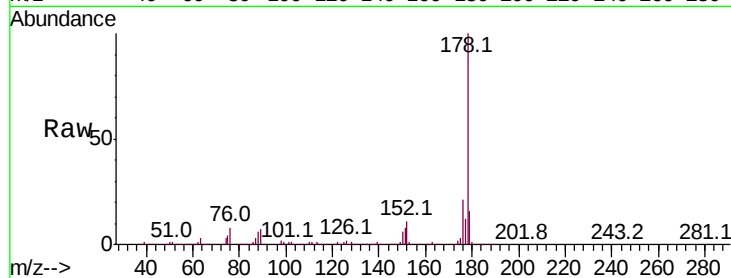




#71
Phenanthrene
Concen: 49.607 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

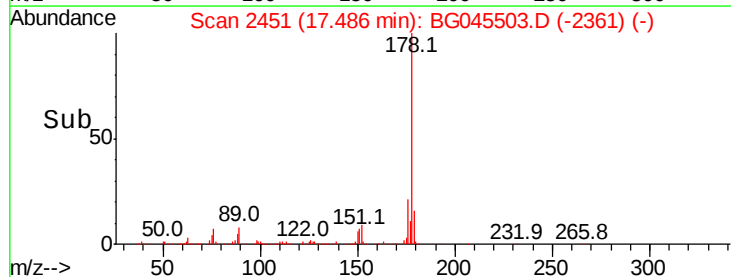
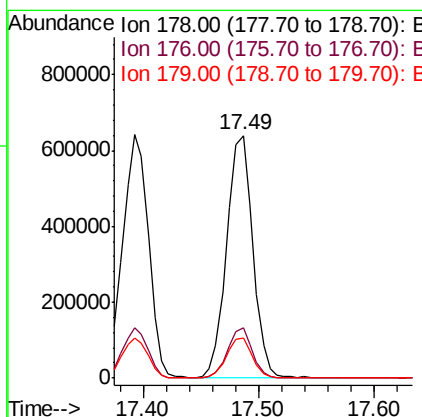
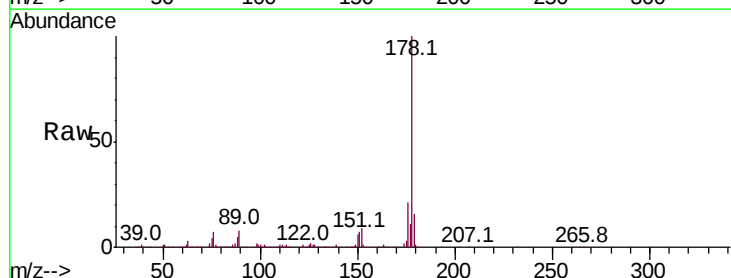
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

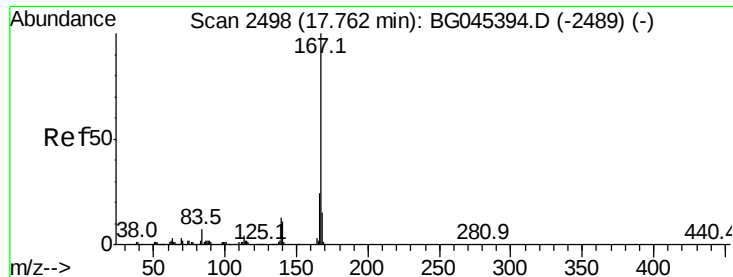
Tot Ion:178 Resp: 997065
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.5 13.1 19.7



#72
Anthracene
Concen: 49.749 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:178 Resp: 1004142
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 16.3 12.2 18.4





#73

Carbazole

Concen: 45.311 ng

RT: 17.76 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

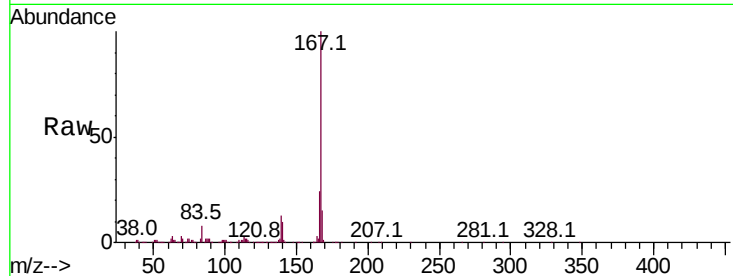
Tot Ion:167 Resp: 891490

Ion Ratio Lower Upper

167 100

166 23.8 19.2 28.8

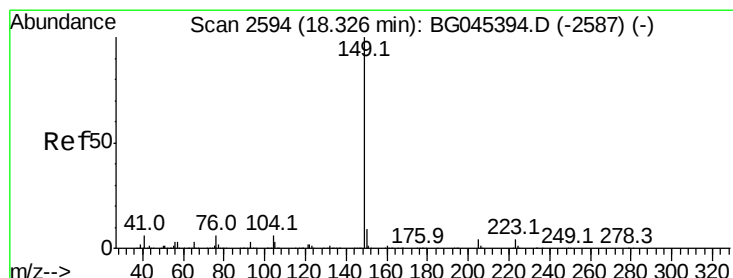
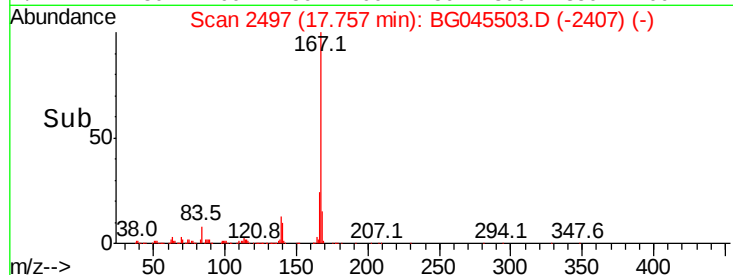
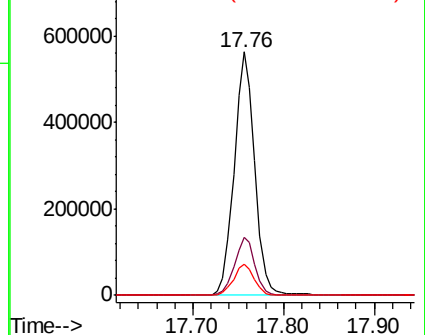
139 12.8 10.6 16.0



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: 45.450 ng

RT: 18.31 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

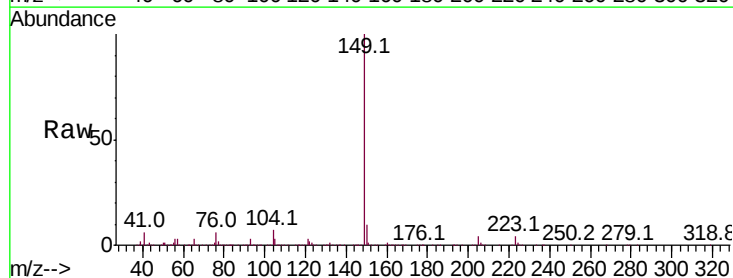
Tgt Ion:149 Resp: 1073276

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

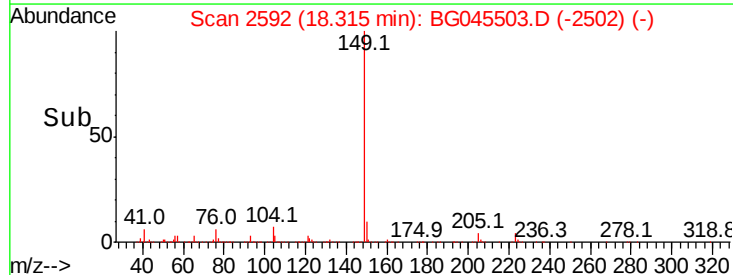
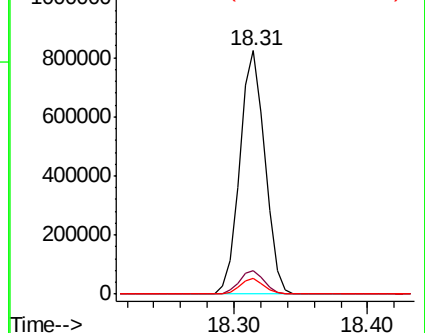
104 6.5 5.0 7.4

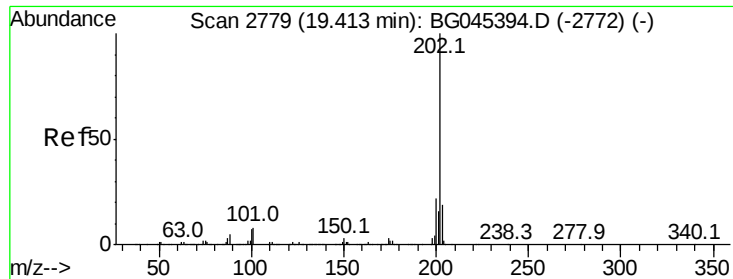


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.085 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

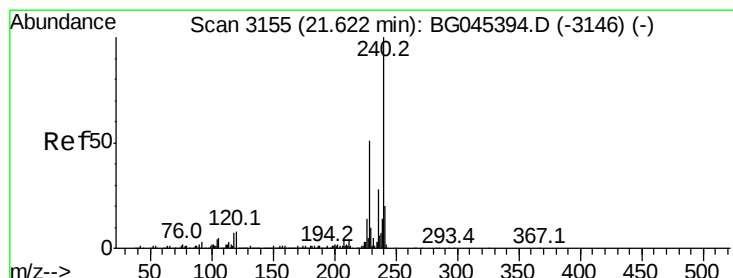
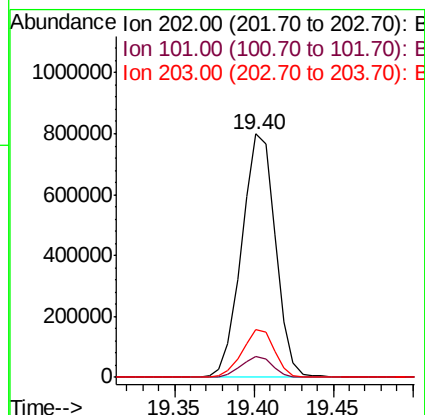
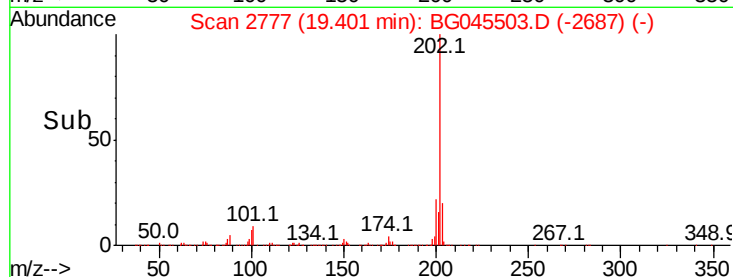
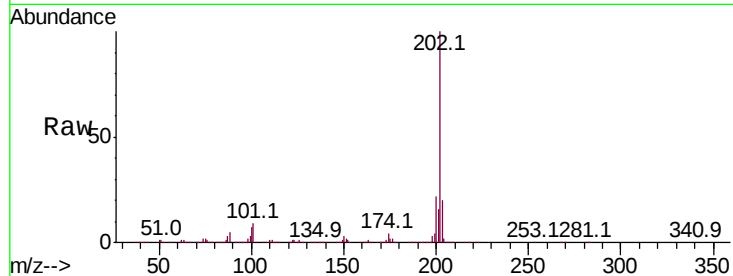
Tot Ion:202 Resp: 1178171

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.3

203 19.5 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

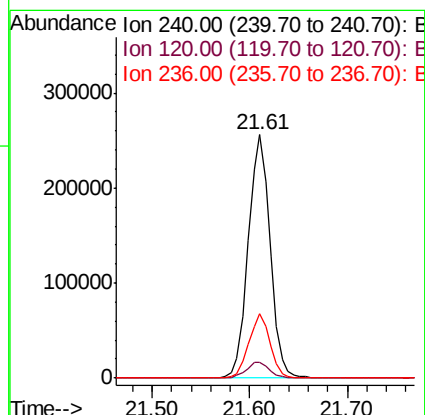
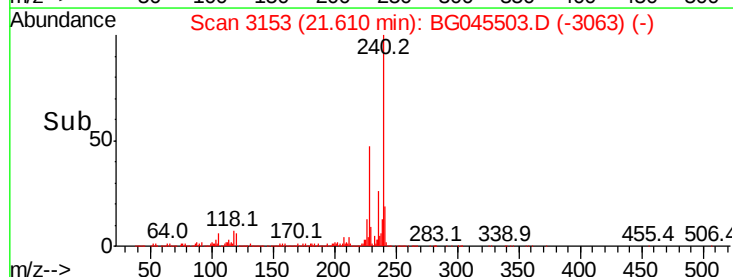
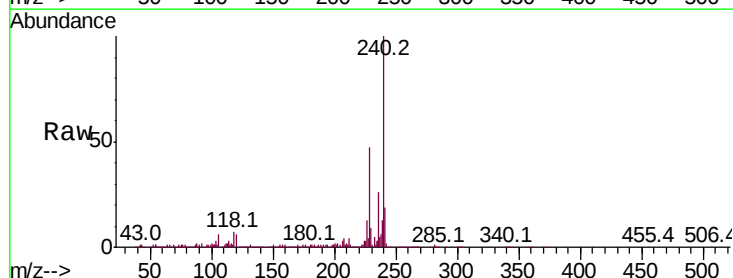
Tgt Ion:240 Resp: 402076

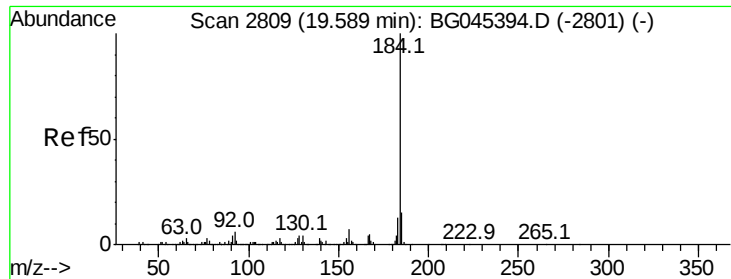
Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 26.3 22.3 33.5





#77

Benzidine

Concen: 55.282 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

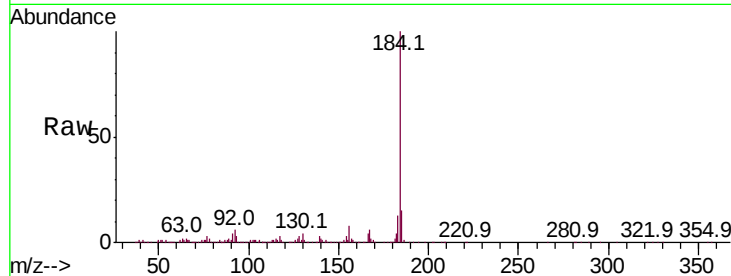
Tot Ion:184 Resp: 624275

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

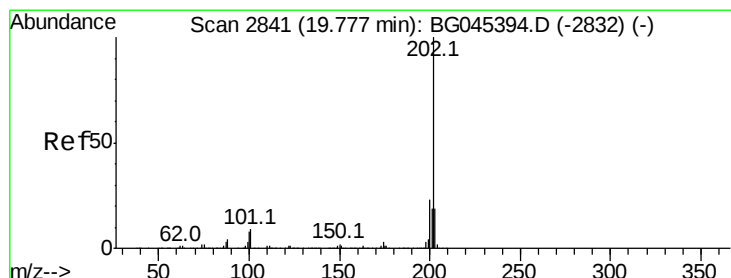
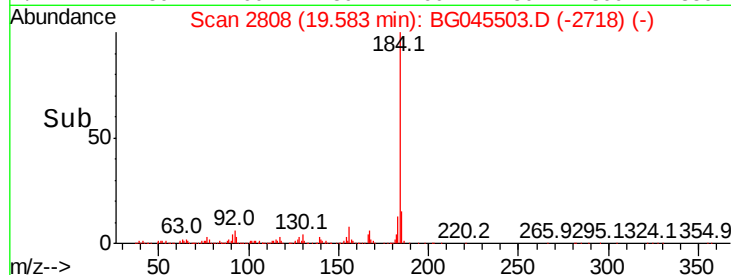
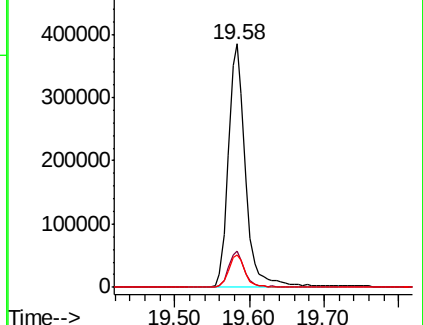
183 13.2 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.989 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

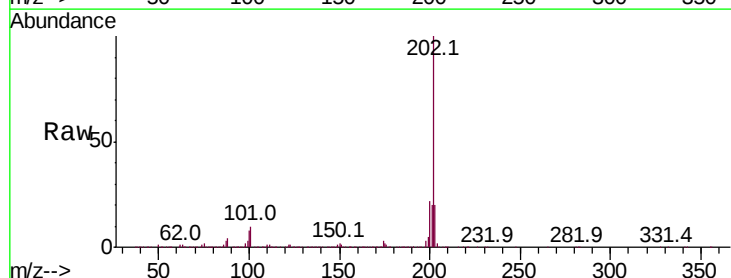
Tgt Ion:202 Resp: 1168657

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

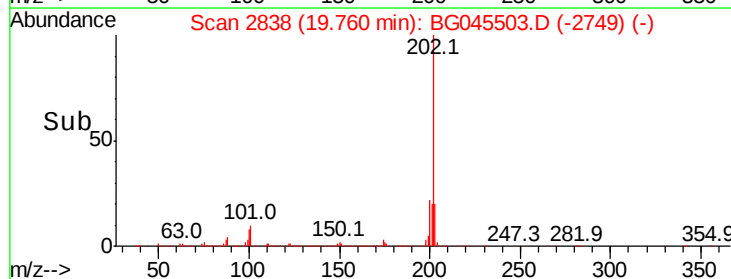
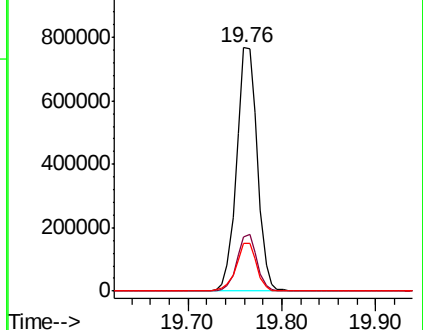
203 19.6 15.1 22.7

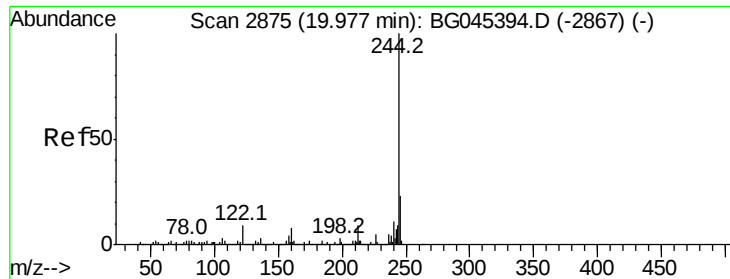


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.265 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

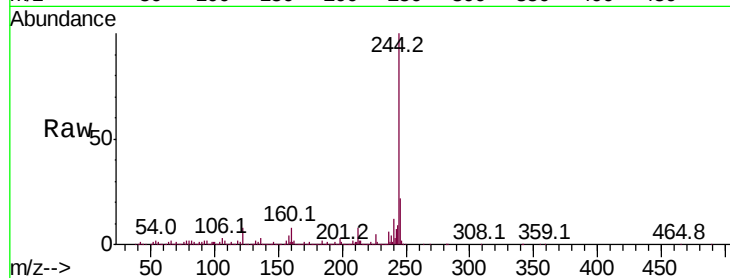
Tot Ion:244 Resp: 1452684

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

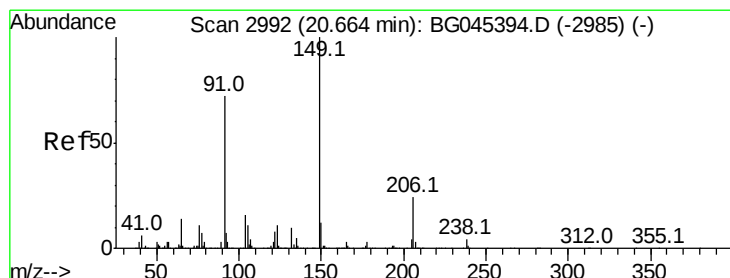
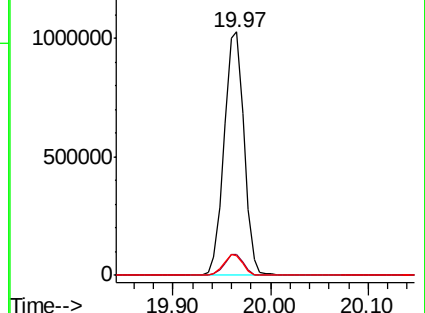
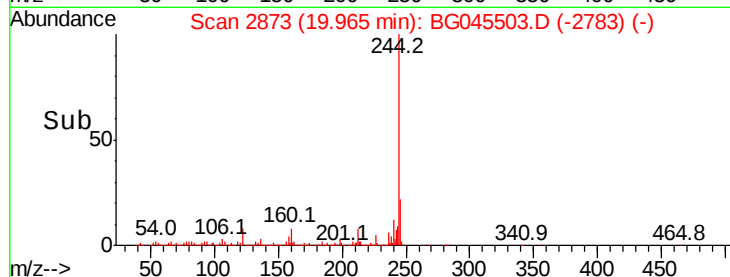
122 7.9 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.217 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

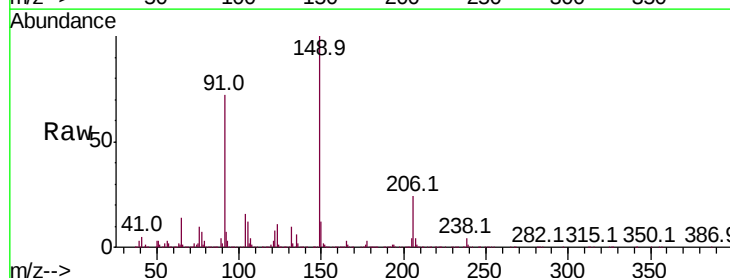
Tgt Ion:149 Resp: 457223

Ion Ratio Lower Upper

149 100

91 72.2 57.8 86.6

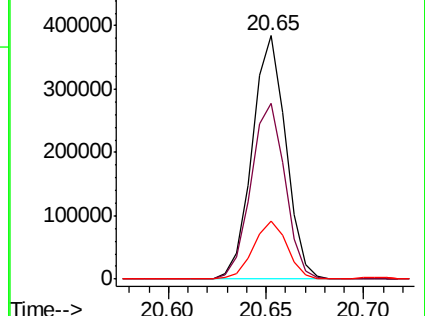
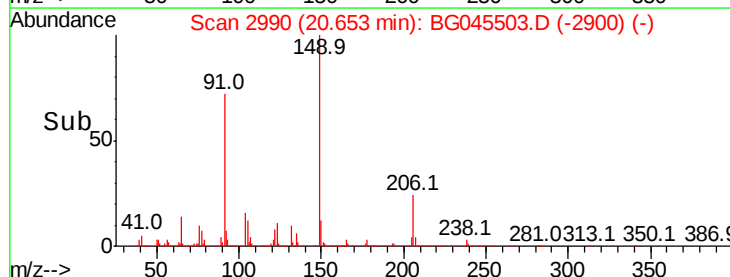
206 24.0 19.1 28.7

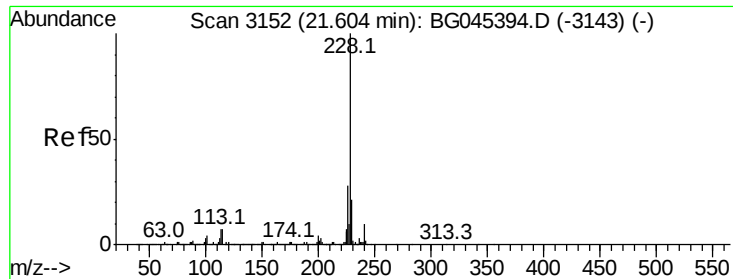


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

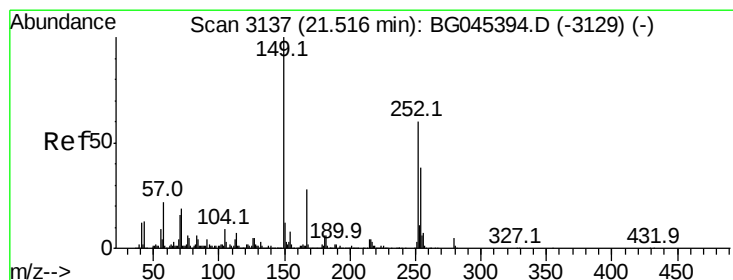
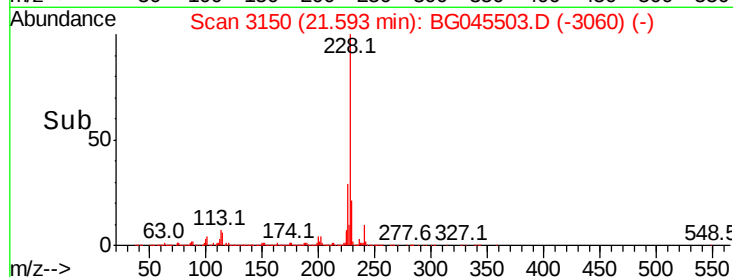
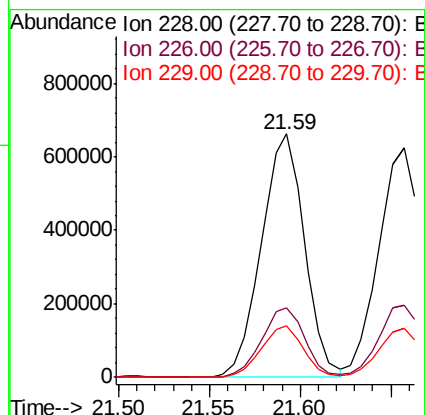
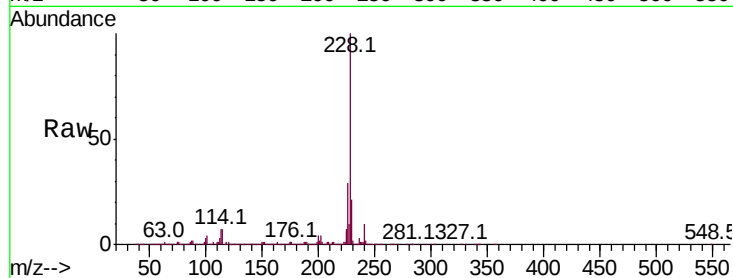




#81
Benzo(a)anthracene
Concen: 48.861 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

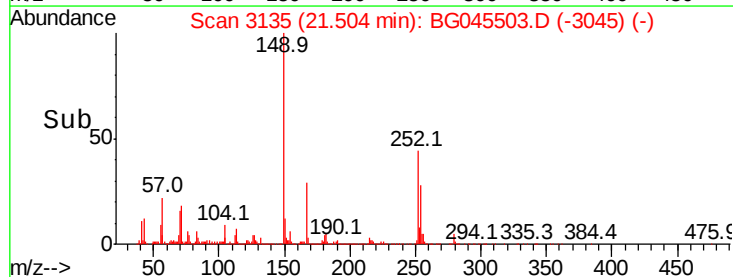
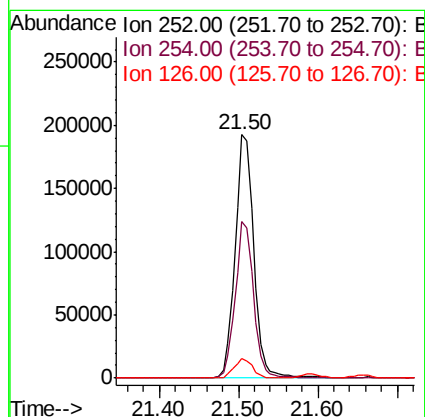
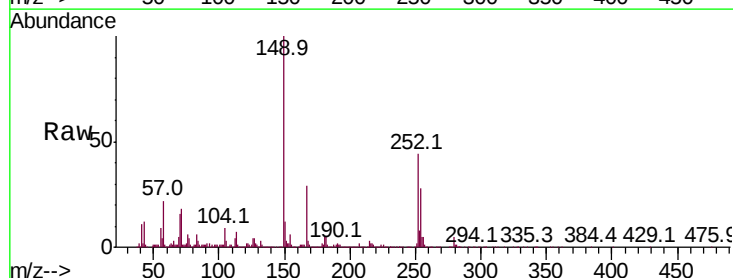
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

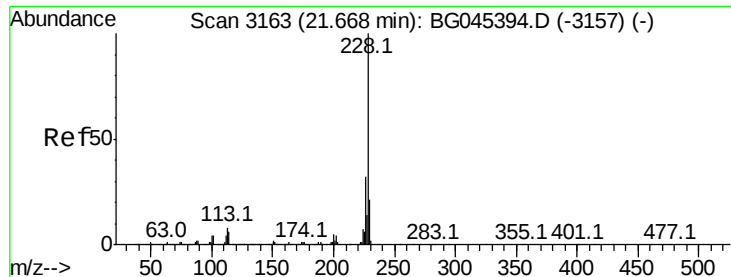
Tot Ion:228 Resp: 1094407
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 21.2 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 35.682 ng
RT: 21.50 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:252 Resp: 313504
Ion Ratio Lower Upper
252 100
254 64.4 51.3 76.9
126 8.2 6.6 10.0





#83

Chrysene

Concen: 48.743 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

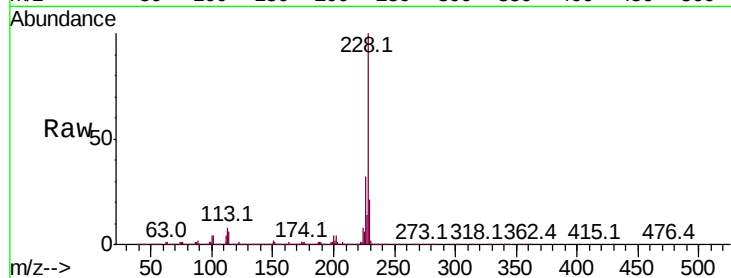
BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

Tot Ion:228 Resp: 1049774

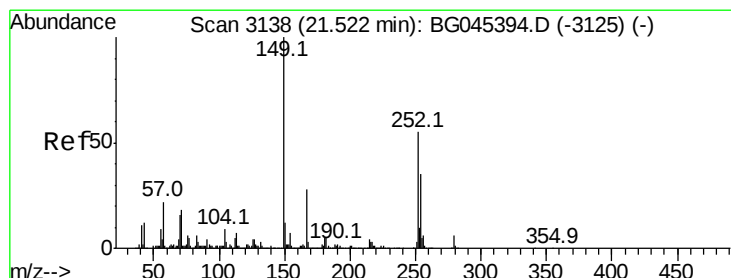
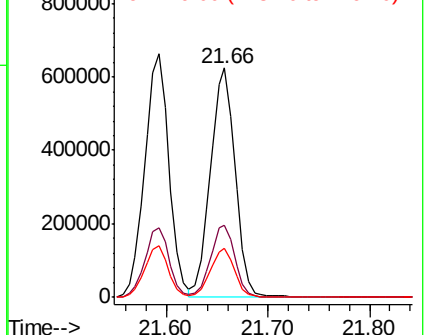
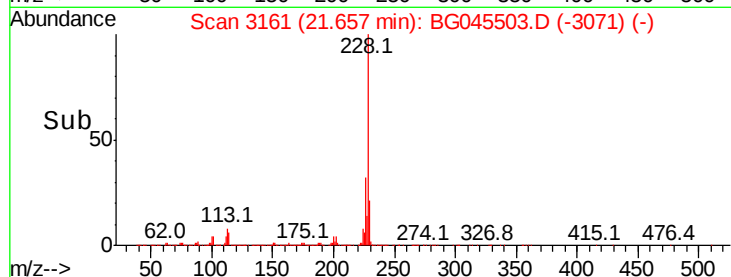
Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	21.2	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.999 ng

RT: 21.50 min Scan# 3135

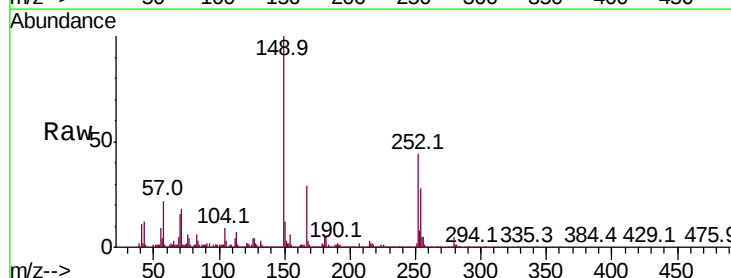
Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Tgt Ion:149 Resp: 639155

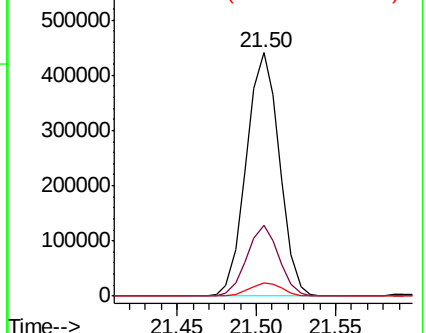
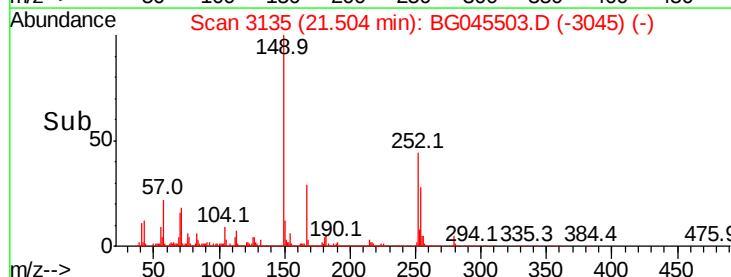
Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.2
279	5.5	4.7	7.1

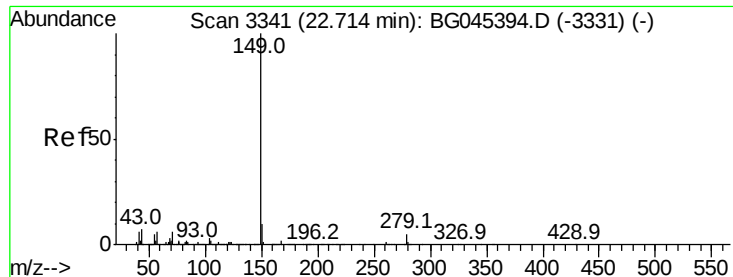


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.821 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

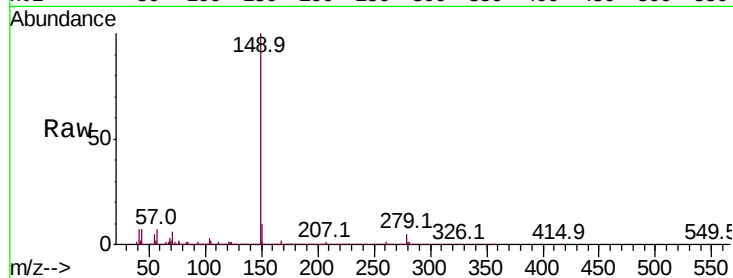
Tot Ion:149 Resp: 1070230

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

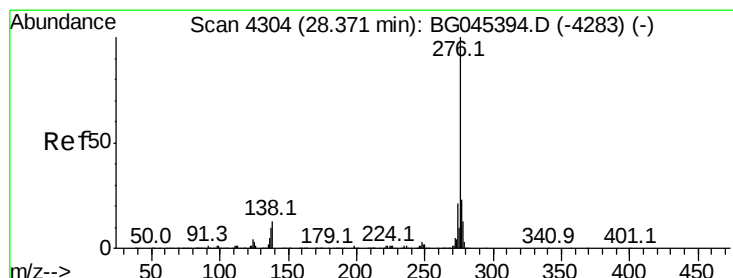
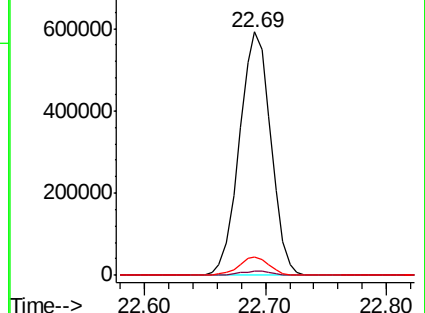
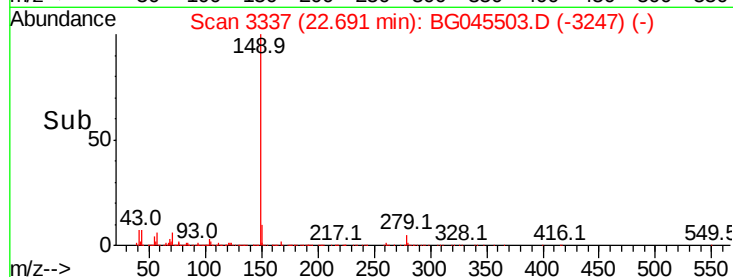
43 6.9 5.8 8.8



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: 48.751 ng

RT: 28.34 min Scan# 4299

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

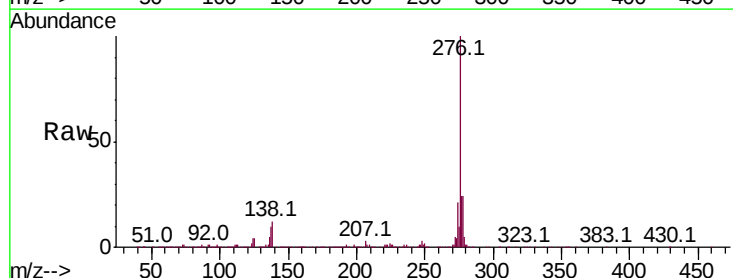
Tgt Ion:276 Resp: 1372996

Ion Ratio Lower Upper

276 100

138 14.6 8.6 12.8#

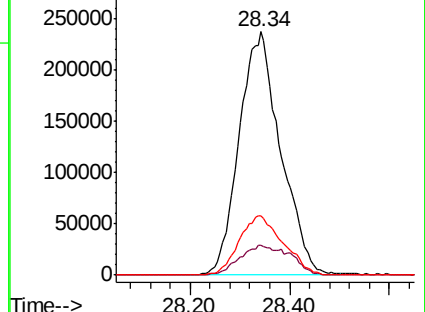
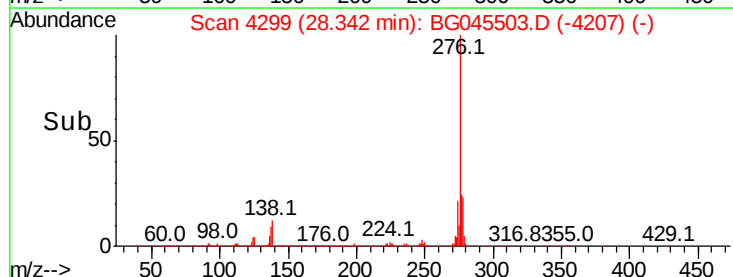
277 25.8 20.2 30.4

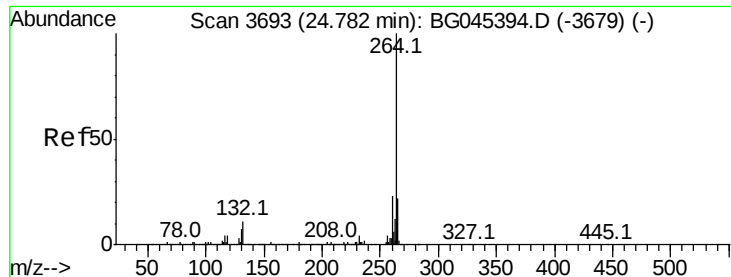


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

Instrument :

BNA_G

ClientSampleId :

RAMP-A-INFIELD-2MSD

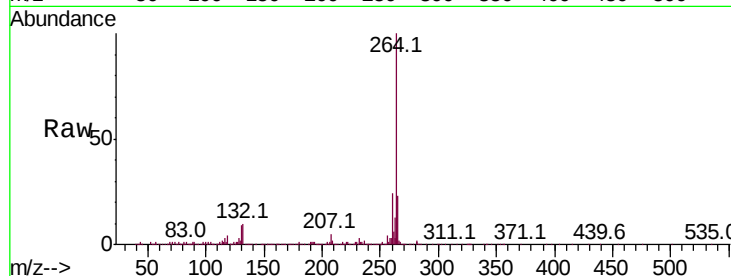
Tot Ion:264 Resp: 443864

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

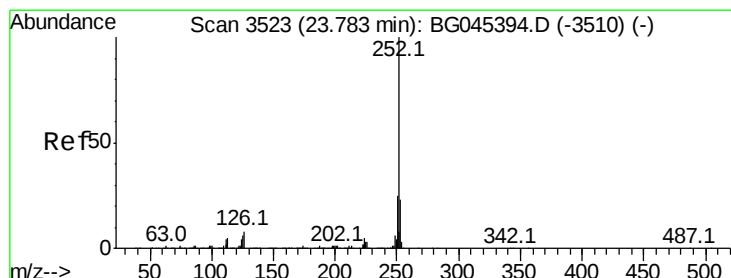
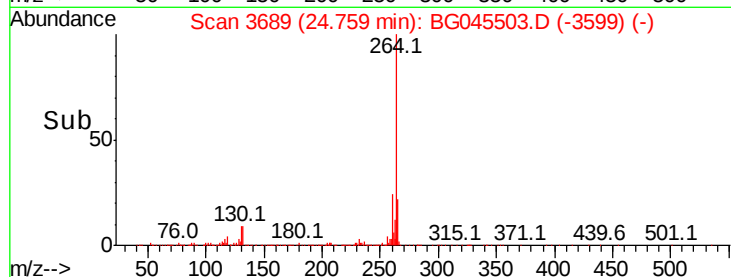
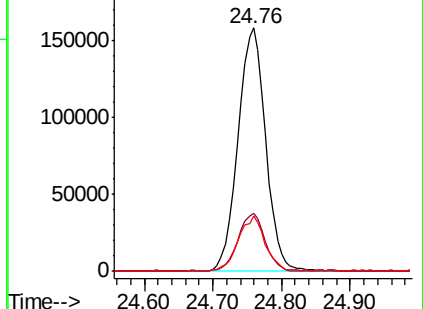
265 22.7 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.662 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BG045503.D

Acq: 28 May 2020 18:56

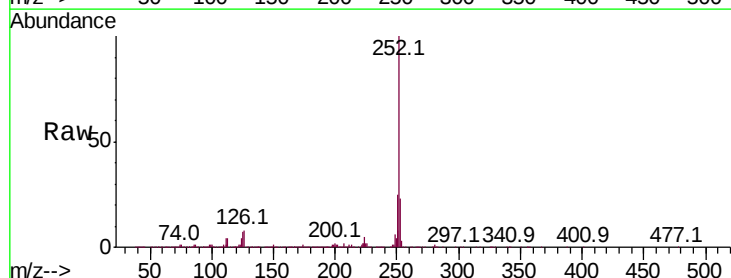
Tgt Ion:252 Resp: 1158406

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

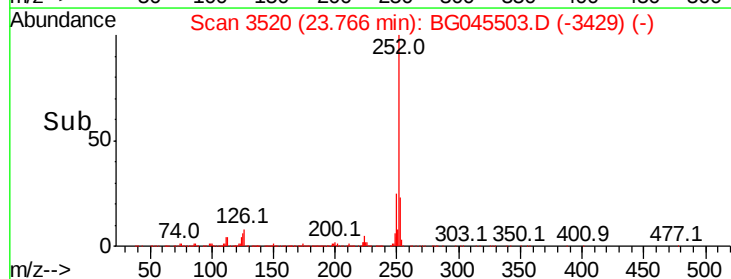
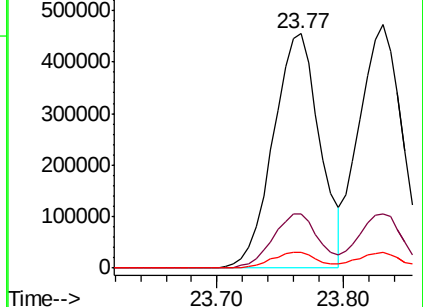
125 6.5 5.0 7.6

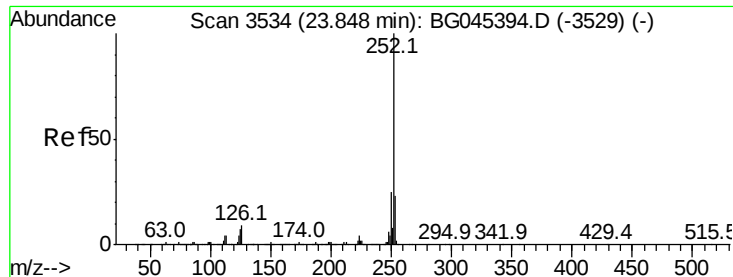


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

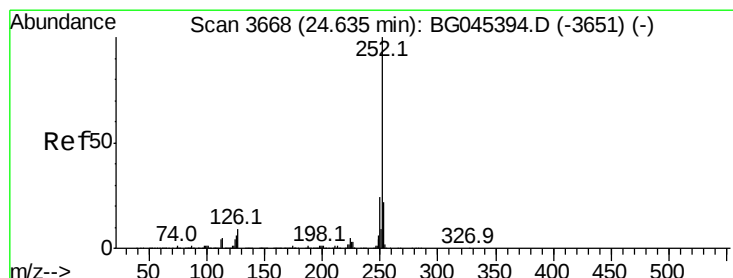
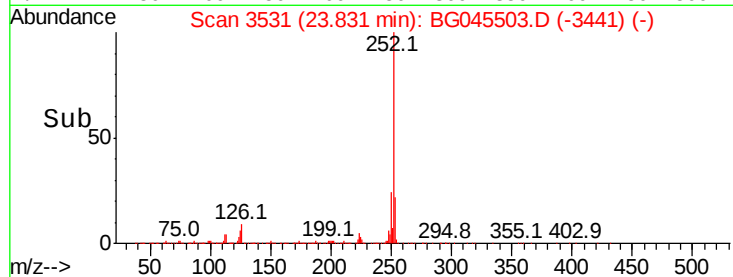
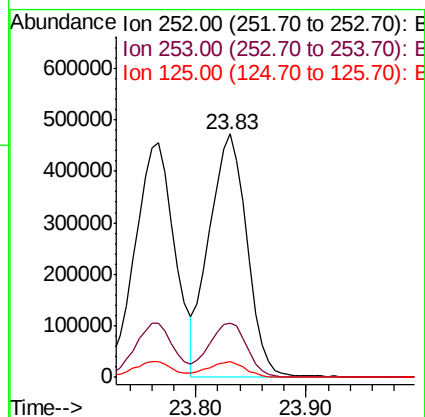
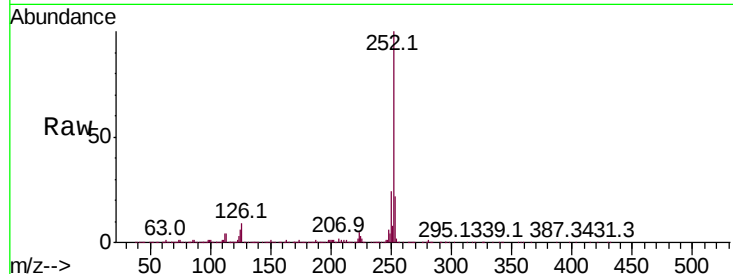




#89
Benzo(k)fluoranthene
Concen: 49.844 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

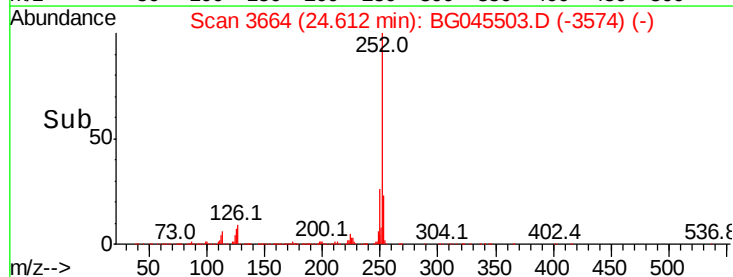
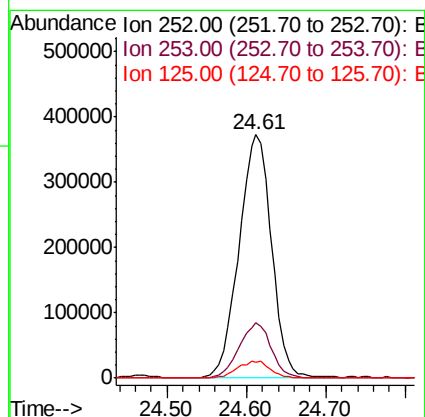
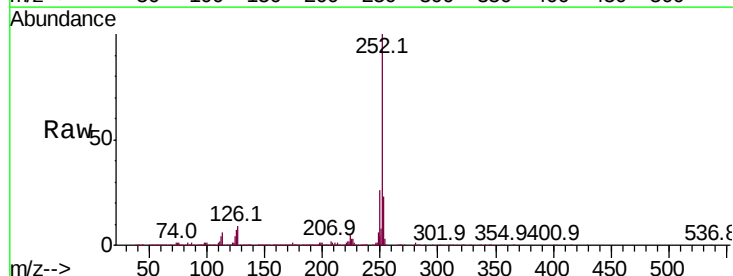
Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

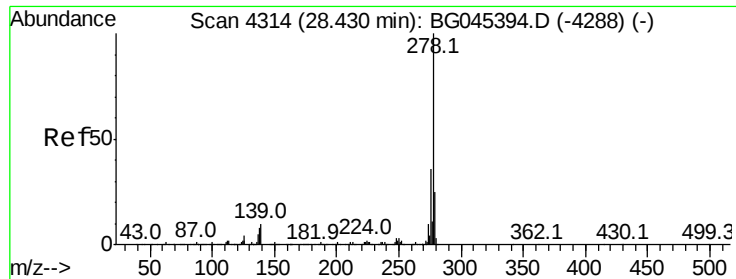
Tot Ion:252 Resp: 1114728
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 6.5 5.7 8.5



#90
Benzo(a)pyrene
Concen: 47.581 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:252 Resp: 1054873
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 6.6 5.0 7.6



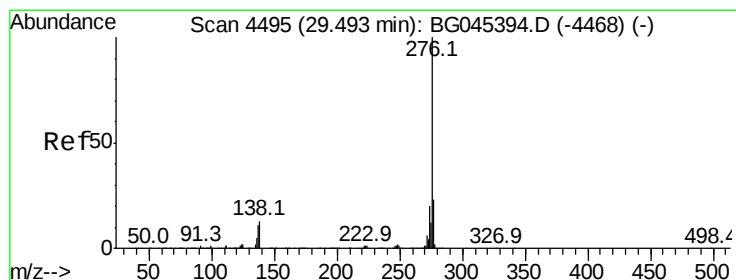
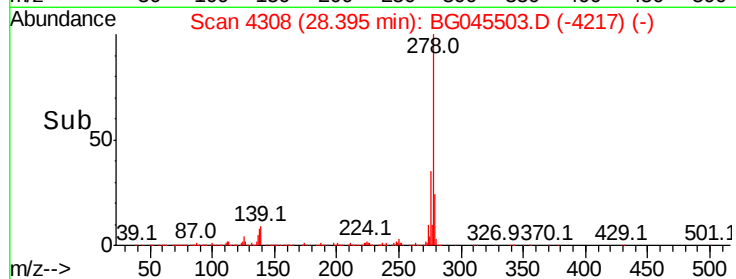
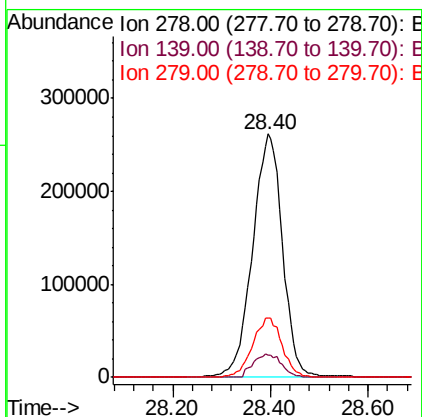
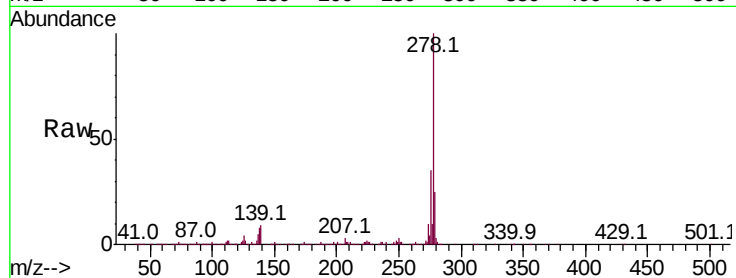


#91
Dibenzo(a,h)anthracene
Concen: 50.335 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Instrument :
BNA_G
ClientSampleId :
RAMP-A-INFIELD-2MSD

Tot Ion:278 Resp: 1121405

Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.8	11.8
279	24.5	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 51.411 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045503.D
Acq: 28 May 2020 18:56

Tgt Ion:276 Resp: 1145525

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.1	27.1
138	12.8	10.2	15.4

