

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051520\
 Data File : BG045396.D
 Acq On : 15 May 2020 13:46
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Quant Time: May 15 14:27:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 13:09:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63931	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	256357	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	177867	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	423172	20.00	ng	0.00
76) Chrysene-d12	21.62	240	398478	20.00	ng	0.00
87) Perylene-d12	24.78	264	459943	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	397204	102.57	ng	0.00
7) Phenol-d6	7.14	99	575107	99.96	ng	0.00
23) Nitrobenzene-d5	9.13	82	566012	100.74	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	268344	97.66	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1238868	102.13	ng	0.00
79) Terphenyl-d14	19.97	244	2012627	110.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	97146	56.449	ng	99
3) Pyridine	3.81	79	279163	52.685	ng	98
4) n-Nitrosodimethylamine	3.73	42	89244	54.980	ng	98
6) Aniline	7.29	93	370503	49.529	ng	98
8) 2-Chlorophenol	7.53	128	220944	53.089	ng	98
9) Benzaldehyde	7.10	77	181166	53.140	ng	94
10) Phenol	7.16	94	294665	51.181	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	229578	50.084	ng	96
12) 1,3-Dichlorobenzene	7.85	146	262417	53.510	ng	99
13) 1,4-Dichlorobenzene	8.00	146	260660	53.342	ng	97
14) 1,2-Dichlorobenzene	8.32	146	248750	53.209	ng	97
15) Benzyl Alcohol	8.20	79	237963	49.332	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	215757	47.950	ng	100
17) 2-Methylphenol	8.41	107	220093	49.548	ng	98
18) Hexachloroethane	9.05	117	99113	53.953	ng	93
19) n-Nitroso-di-n-propylamine	8.78	70	196404	48.271	ng	98
20) 3+4-Methylphenols	8.75	107	301892	48.555	ng	98
22) Acetophenone	8.79	105	365503	52.723	ng	99
24) Nitrobenzene	9.17	77	300387	52.160	ng	98
25) Isophorone	9.69	82	559889	48.663	ng	98
26) 2-Nitrophenol	9.88	139	132893	53.572	ng	94
27) 2,4-Dimethylphenol	9.95	122	191574	48.671	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	289878	47.952	ng	97
29) 2,4-Dichlorophenol	10.43	162	233897	51.463	ng	97
30) 1,2,4-Trichlorobenzene	10.64	180	267916	52.064	ng	98
31) Naphthalene	10.83	128	717461	51.160	ng	99
32) Benzoic acid	10.12	122	138279	46.838	ng	97
33) 4-Chloroaniline	10.93	127	299865	45.849	ng	96
34) Hexachlorobutadiene	11.12	225	189330	53.664	ng	99
35) Caprolactam	11.71	113	82821	45.786	ng	90
36) 4-Chloro-3-methylphenol	12.07	107	256137	47.973	ng	98
37) 2-Methylnaphthalene	12.44	142	534279	49.083	ng	97
38) 1-Methylnaphthalene	12.65	142	499744	48.632	ng	# 96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	296210	51.723	ng	100

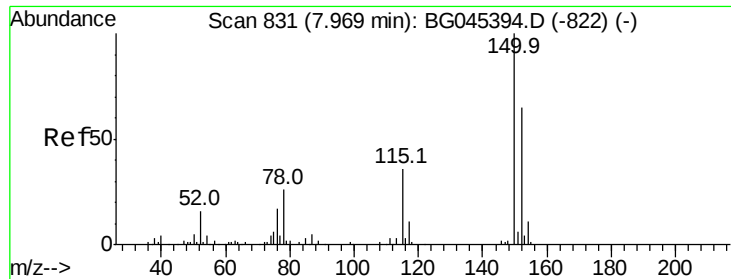
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	184569	51.565	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	209946	51.944	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	239862	52.137	ng	95
46) 1,1'-Biphenyl	13.44	154	652738	48.283	ng	99
47) 2-Chloronaphthalene	13.49	162	524379	50.763	ng	99
48) 2-Nitroaniline	13.68	65	176932	52.058	ng	91
49) Acenaphthylene	14.33	152	850187	50.528	ng	100
50) Dimethylphthalate	14.06	163	715685	49.416	ng	97
51) 2,6-Dinitrotoluene	14.18	165	162520	50.170	ng	100
52) Acenaphthene	14.68	154	518844	45.575	ng	99
53) 3-Nitroaniline	14.51	138	168827	47.519	ng	99
54) 2,4-Dinitrophenol	14.72	184	105925	54.991	ng	96
55) Dibenzofuran	15.01	168	827469	49.855	ng	96
56) 4-Nitrophenol	14.83	139	130868	47.507	ng	91
57) 2,4-Dinitrotoluene	14.97	165	236842	50.030	ng	98
58) Fluorene	15.66	166	686460	50.634	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	208042	50.822	ng	99
60) Diethylphthalate	15.43	149	740314	49.028	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	396978	50.873	ng	99
62) 4-Nitroaniline	15.68	138	174830	47.444	ng	99
63) Azobenzene	15.94	77	700881	50.346	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	151219	54.365	ng	97
66) n-Nitrosodiphenylamine	15.87	169	606785	49.906	ng	98
67) 4-Bromophenyl-phenylether	16.55	248	273710	50.137	ng	98
68) Hexachlorobenzene	16.67	284	289647	51.157	ng	95
69) Atrazine	16.82	200	245665	50.551	ng	98
70) Pentachlorophenol	17.02	266	159224	45.841	ng	95
71) Phenanthrene	17.40	178	1094662	50.339	ng	100
72) Anthracene	17.49	178	1090639	49.999	ng	97
73) Carbazole	17.76	167	1057173	47.758	ng	99
74) Di-n-butylphthalate	18.33	149	1262834	48.649	ng	98
75) Fluoranthene	19.42	202	1365402	49.468	ng	99
77) Benzidine	19.59	184	712660	55.574	ng	98
78) Pyrene	19.77	202	1360069	49.509	ng	99
80) Butylbenzylphthalate	20.66	149	587758	51.616	ng	97
81) Benzo(a)anthracene	21.61	228	1320385	51.124	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	527147	51.280	ng	98
83) Chrysene	21.67	228	1271955	51.257	ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	811314	51.804	ng	99
85) Di-n-octyl phthalate	22.71	149	1410328	52.075	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1731928	52.568	ng	# 96
88) Benzo(b)fluoranthene	23.79	252	1479612	51.356	ng	99
89) Benzo(k)fluoranthene	23.85	252	1367274	49.903	ng	99
90) Benzo(a)pyrene	24.64	252	1371452	50.418	ng	99
91) Dibenzo(a,h)anthracene	28.44	278	1374882	50.160	ng	99
92) Benzo(g,h,i)perylene	29.50	276	1382635	50.315	ng	97

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

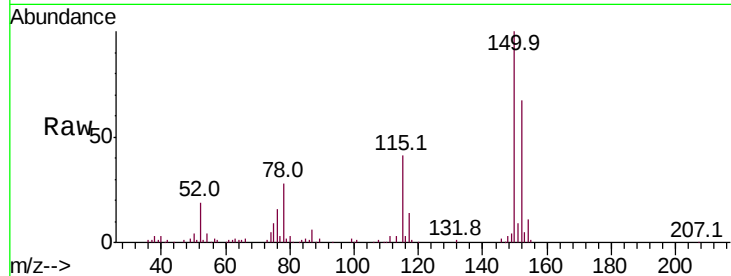


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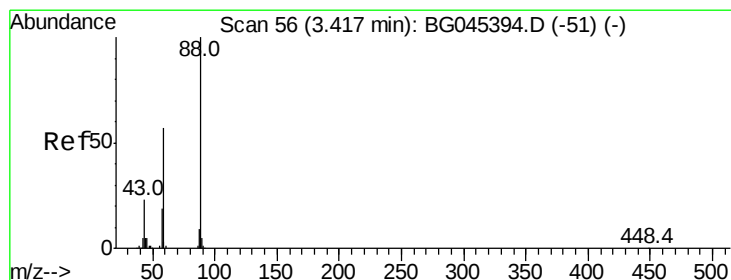
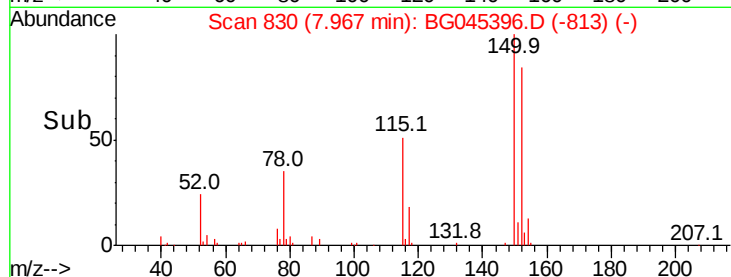
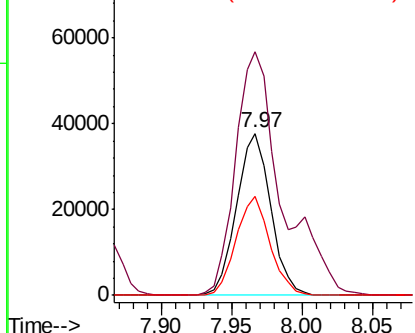
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:152 Resp: 63931
Ion Ratio Lower Upper
152 100
150 150.0 122.4 183.6
115 60.8 44.2 66.4



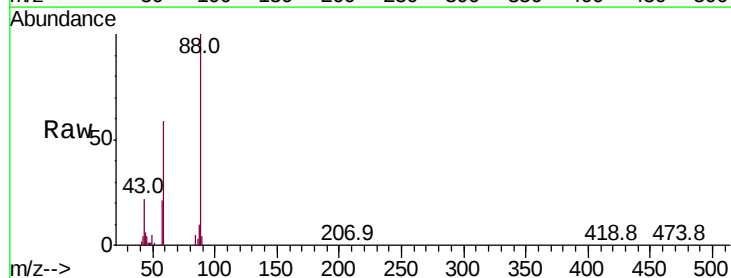
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



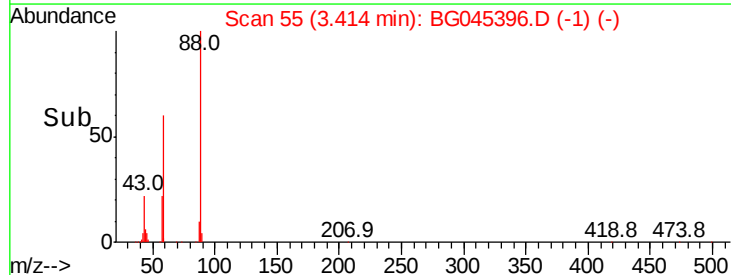
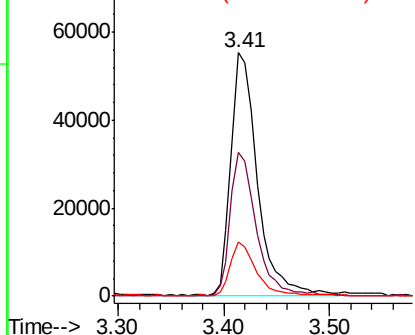
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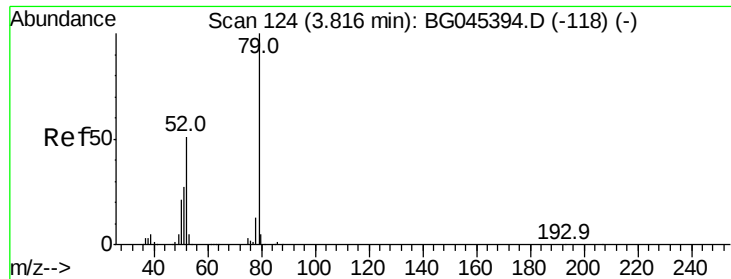
1,4-Dioxane
Concen: 56.449 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion: 88 Resp: 97146
Ion Ratio Lower Upper
88 100
58 57.7 45.7 68.5
43 21.9 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: 52.685 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

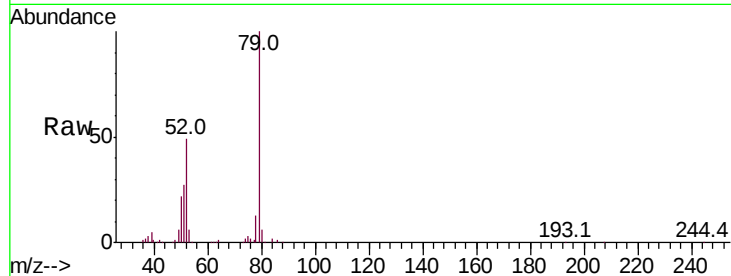
Tot Ion: 79 Resp: 279163

Ion Ratio Lower Upper

79 100

52 48.8 40.8 61.2

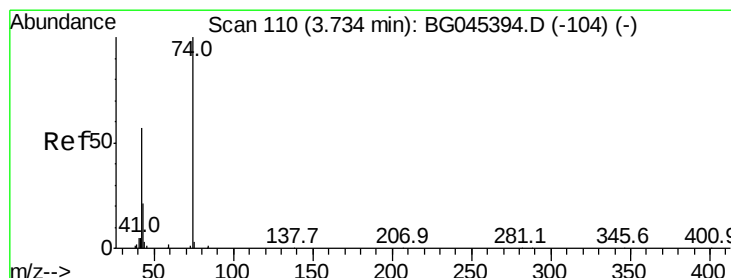
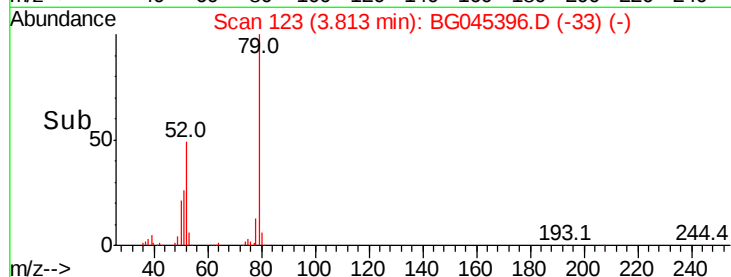
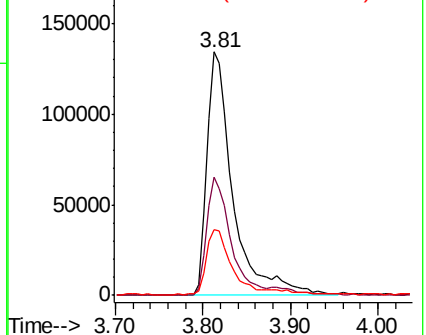
51 26.9 21.9 32.9



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: 54.980 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

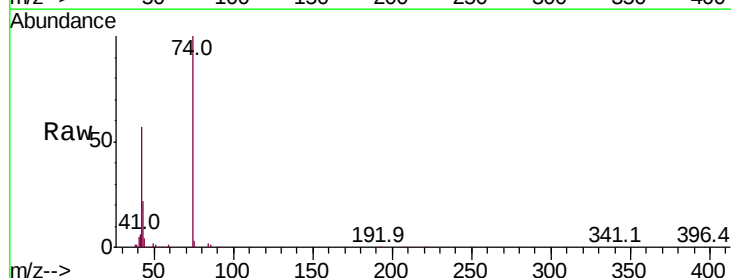
Tgt Ion: 42 Resp: 89244

Ion Ratio Lower Upper

42 100

74 174.4 141.3 211.9

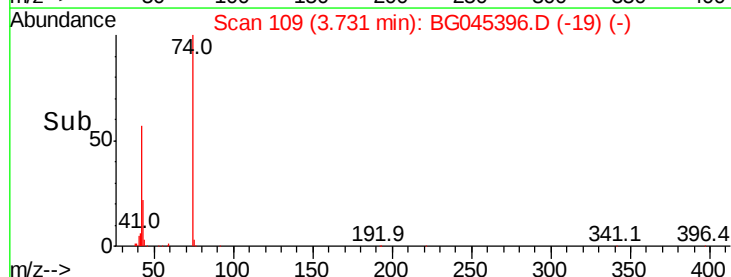
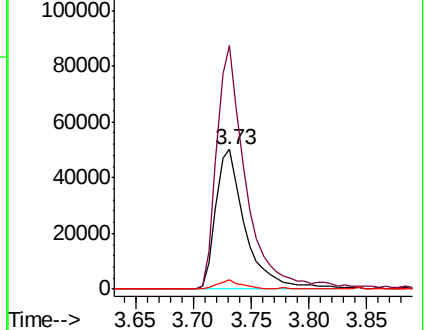
44 6.3 4.2 6.4

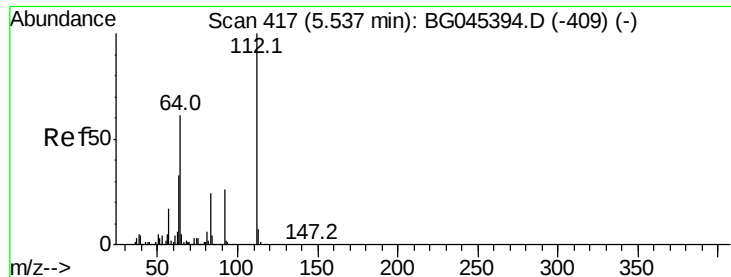


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 102.573 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

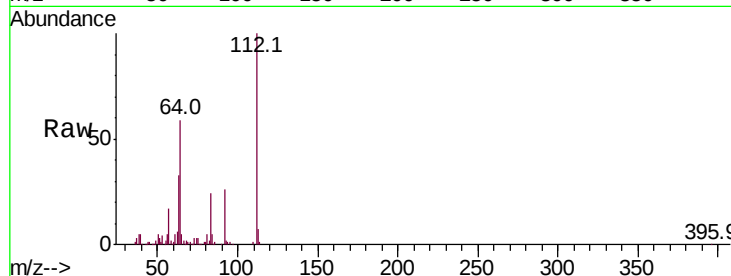
Tot Ion:112 Resp: 397204

Ion Ratio Lower Upper

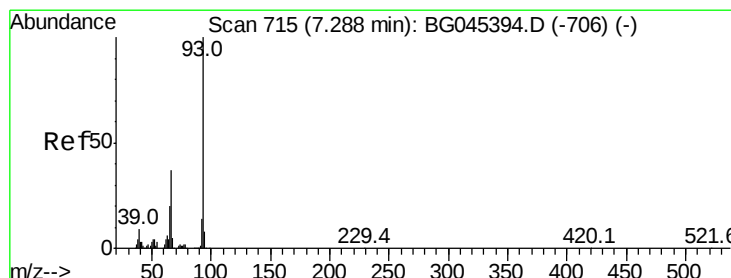
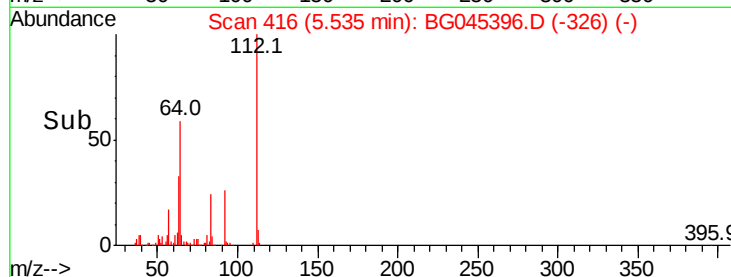
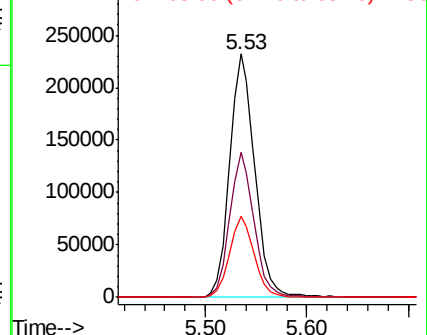
112 100

64 59.5 48.6 72.8

63 33.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 49.529 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

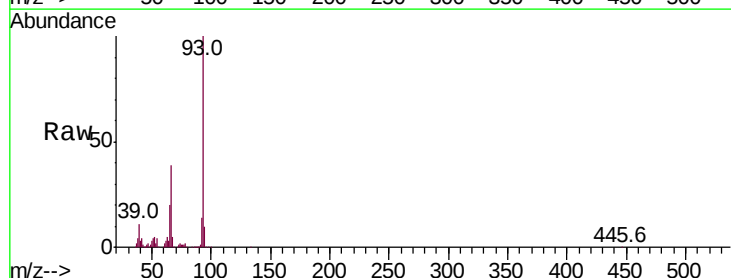
Tgt Ion: 93 Resp: 370503

Ion Ratio Lower Upper

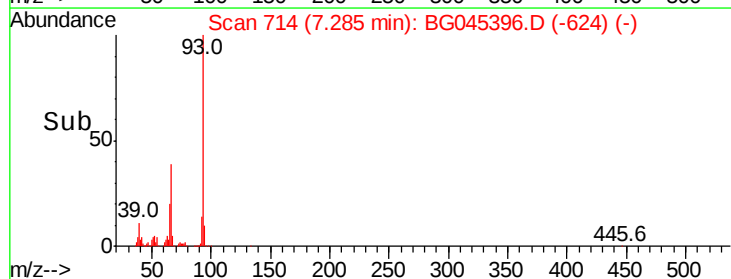
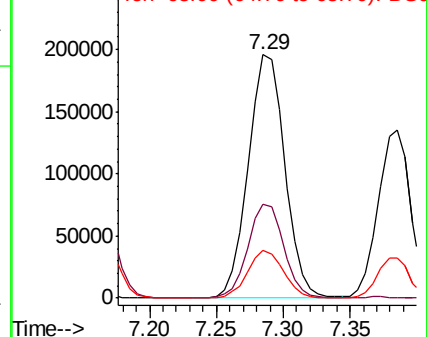
93 100

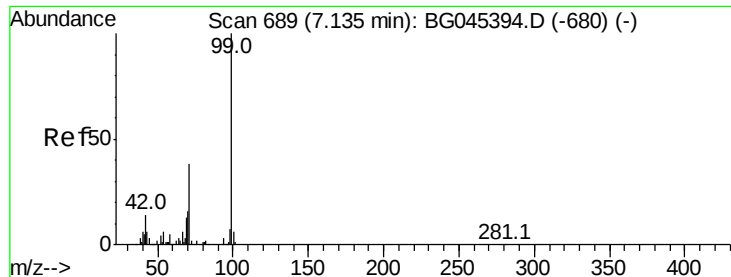
66 38.7 29.6 44.4

65 19.6 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.960 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

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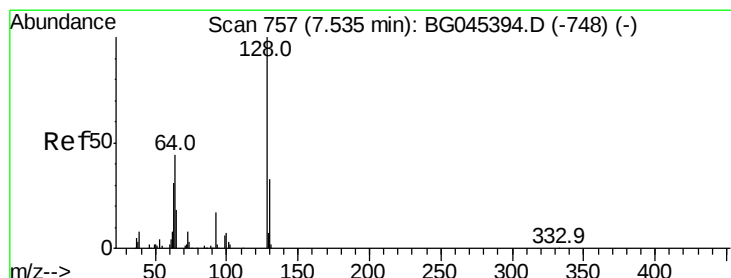
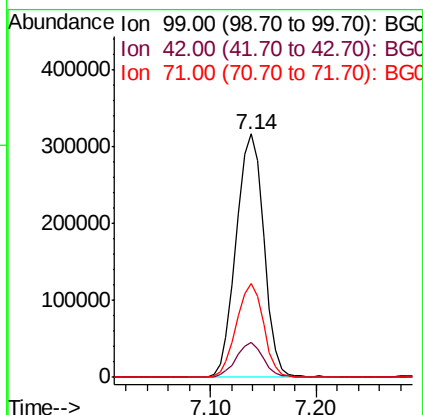
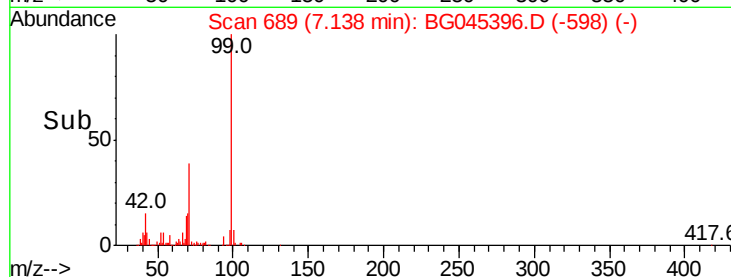
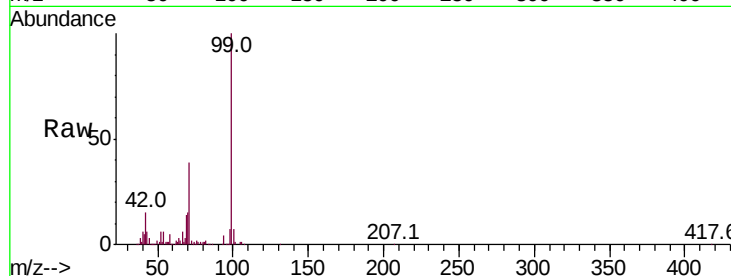
Tot Ion: 99 Resp: 575107

Ion Ratio Lower Upper

99 100

42 14.6 11.3 16.9

71 38.5 30.8 46.2



#8

2-Chlorophenol

Concen: 53.089 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

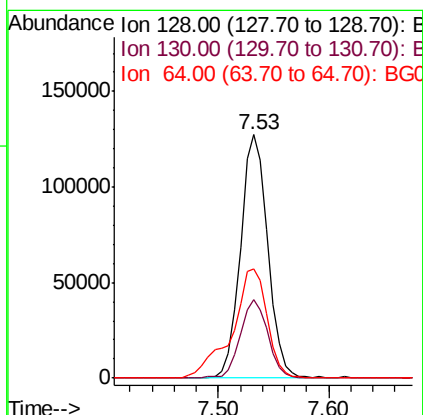
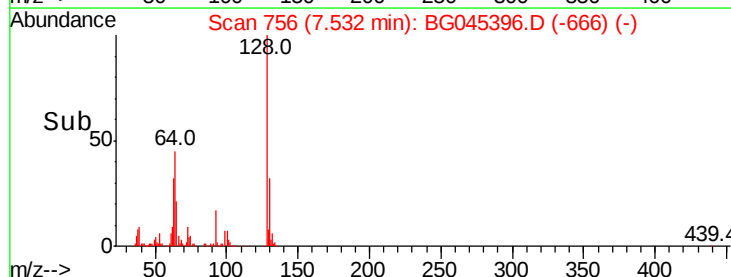
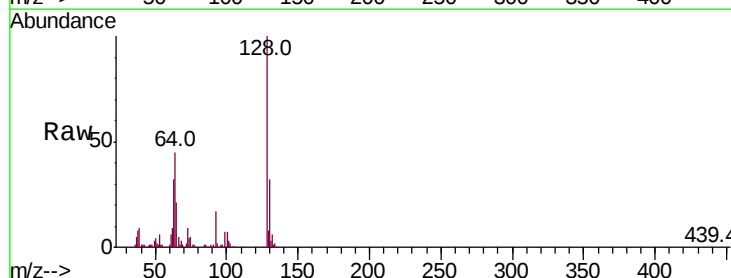
Tgt Ion: 128 Resp: 220944

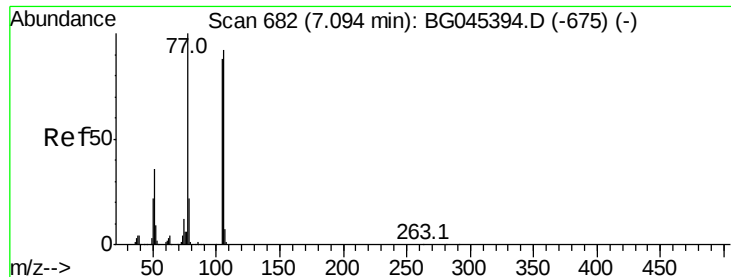
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 45.0 27.0 67.0





#9

Benzaldehyde

Concen: 53.140 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

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ClientSampleId :

SSTDIC060

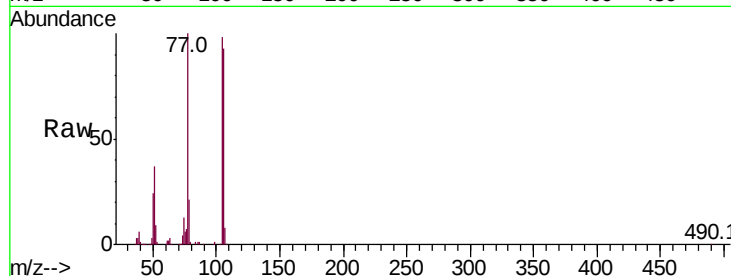
Tot Ion: 77 Resp: 181166

Ion Ratio Lower Upper

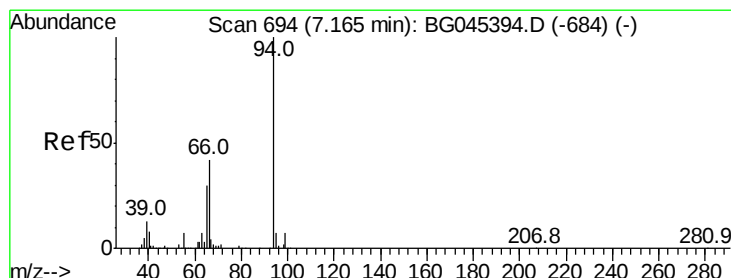
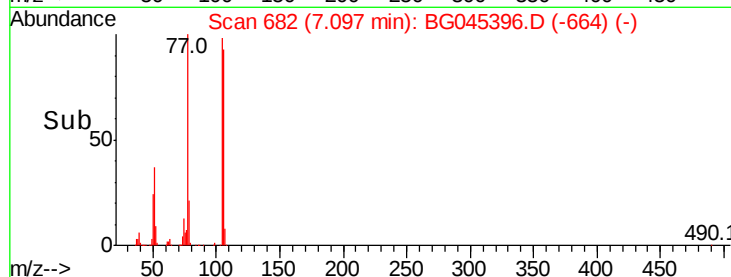
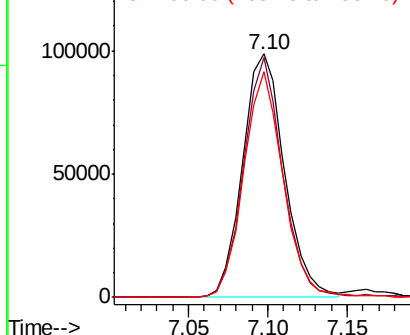
77 100

105 98.3 68.5 108.5

106 92.9 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.181 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

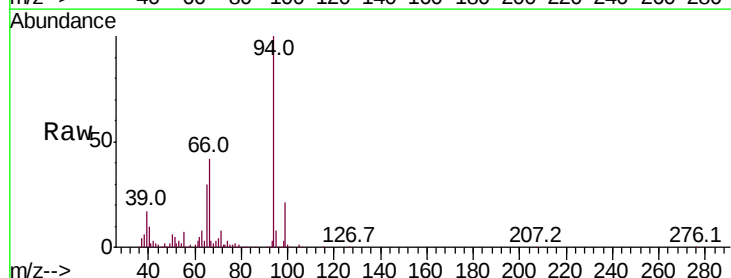
Tgt Ion: 94 Resp: 294665

Ion Ratio Lower Upper

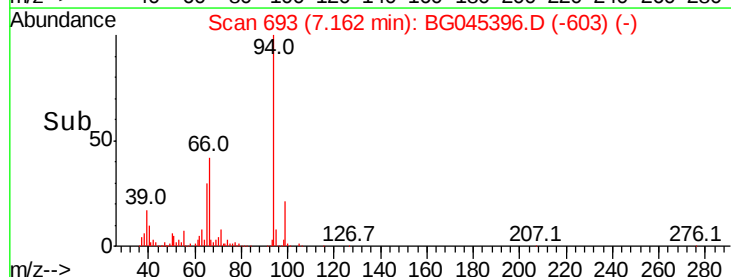
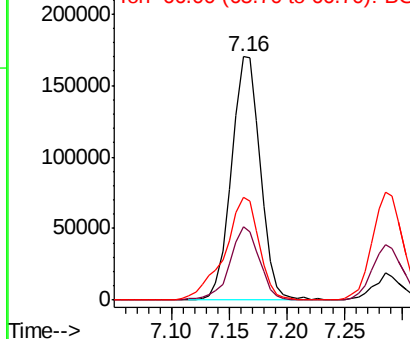
94 100

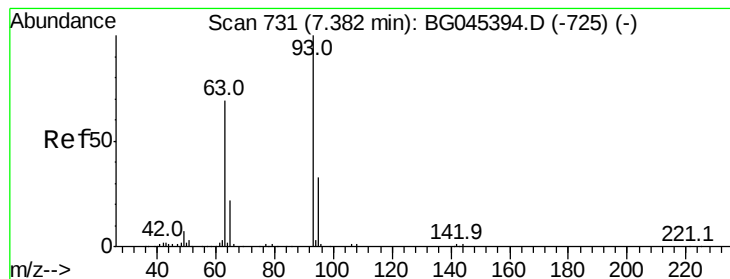
65 30.0 9.8 49.8

66 42.3 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 50.084 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

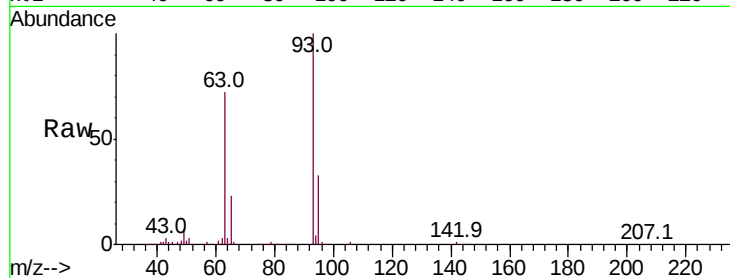
Tot Ion: 93 Resp: 229578

Ion Ratio Lower Upper

93 100

63 72.4 48.4 88.4

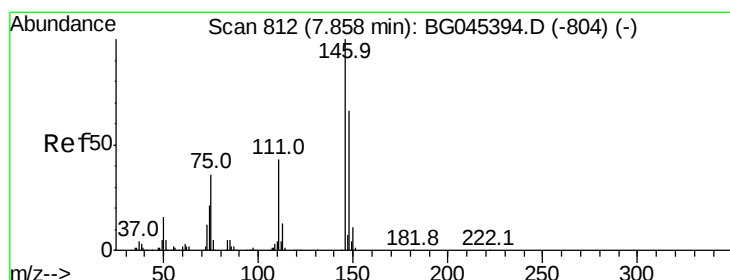
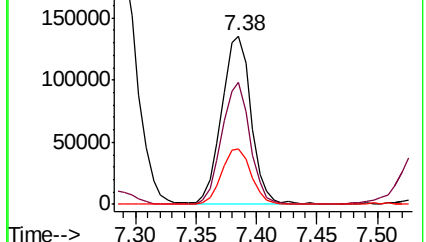
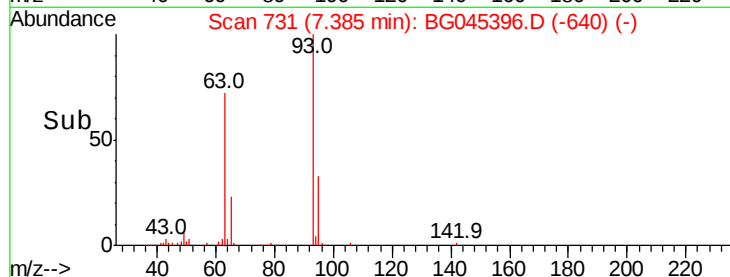
95 33.2 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 53.510 ng

RT: 7.85 min Scan# 811

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

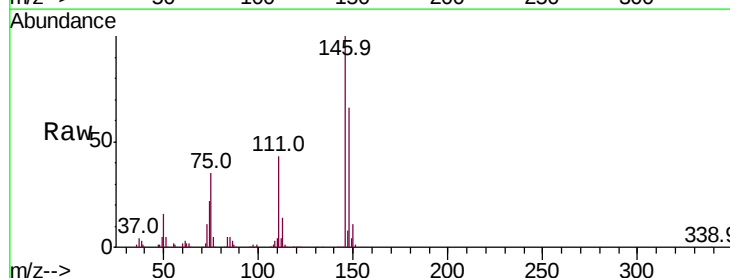
Tgt Ion: 146 Resp: 262417

Ion Ratio Lower Upper

146 100

148 66.3 53.2 79.8

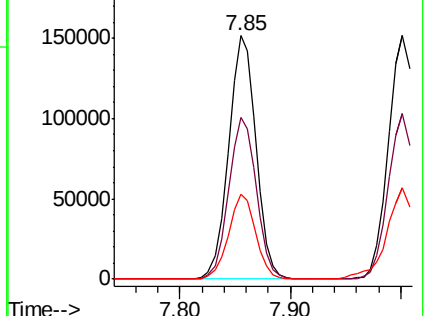
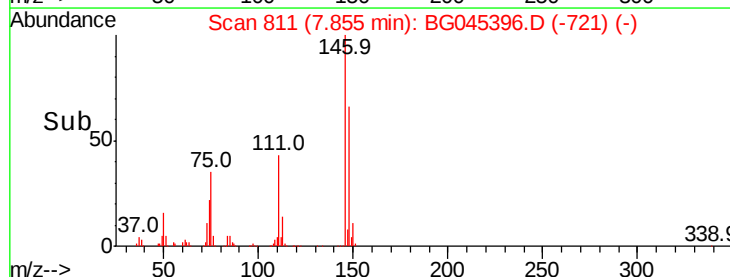
75 35.1 28.6 43.0

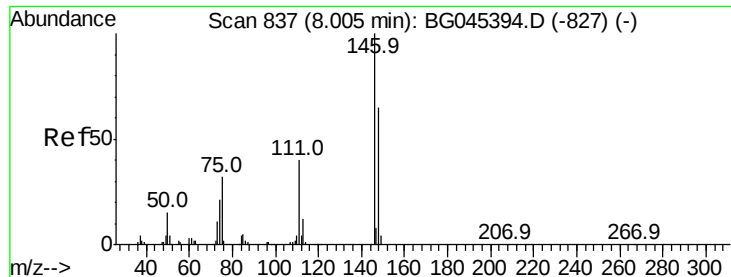


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

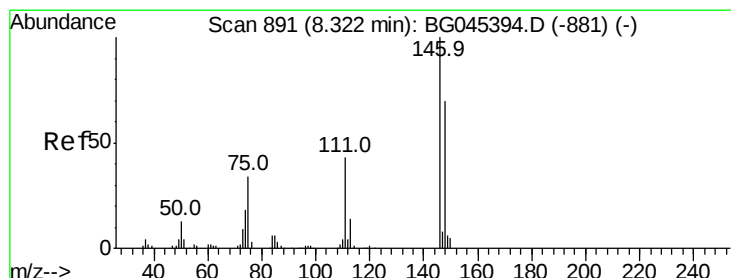
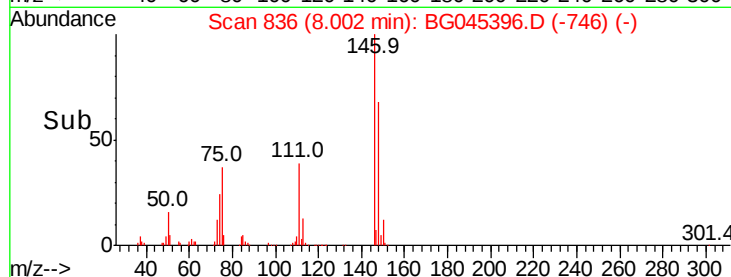
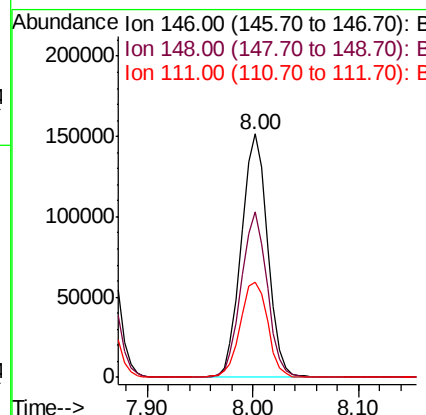
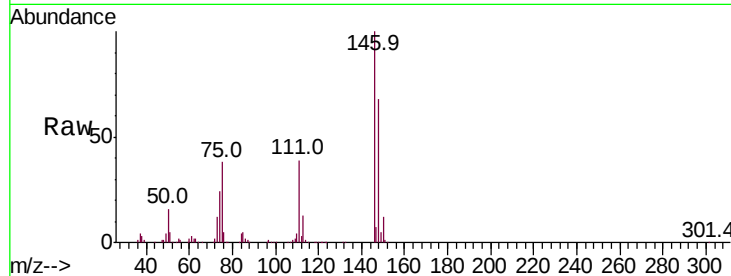




#13
 1,4-Dichlorobenzene
 Concen: 53.342 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG045396.D
 Acq: 15 May 2020 13:46

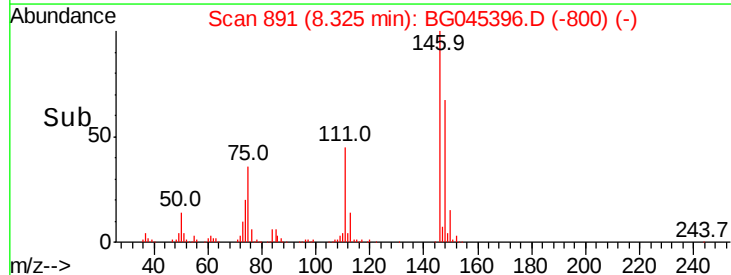
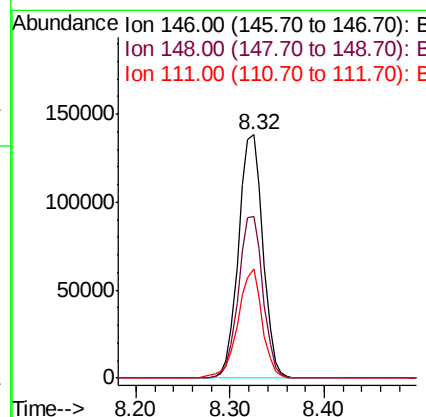
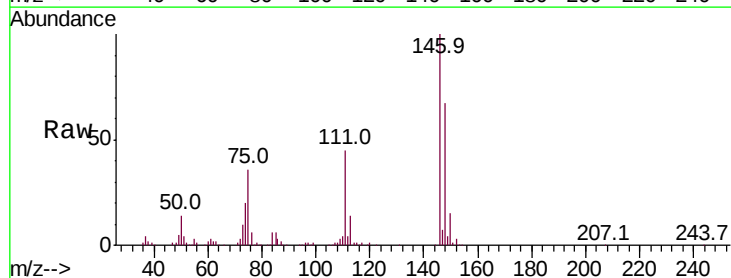
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

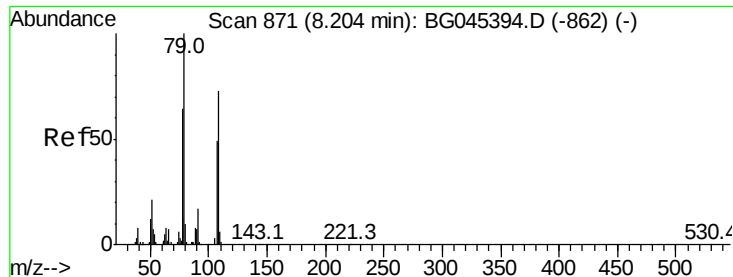
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.8	77.8
111	39.1	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 53.209 ng
 RT: 8.32 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BG045396.D
 Acq: 15 May 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	55.9	83.9
111	44.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 49.332 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

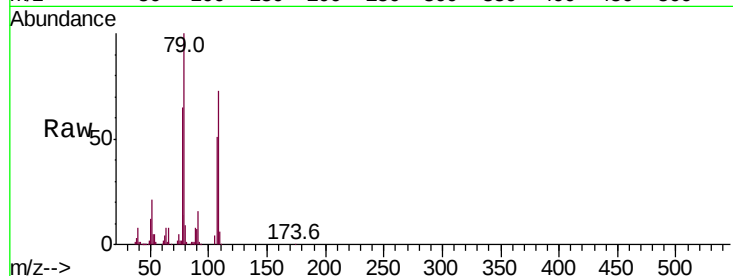
Tot Ion: 79 Resp: 237963

Ion Ratio Lower Upper

79 100

108 72.5 58.2 87.4

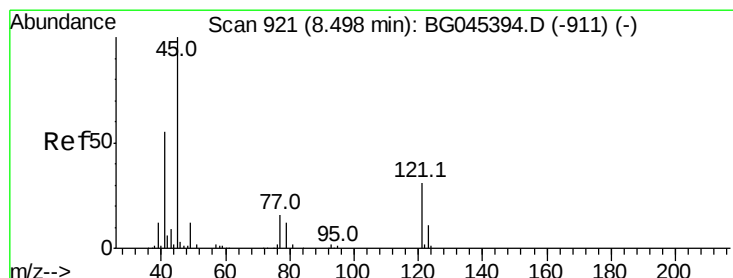
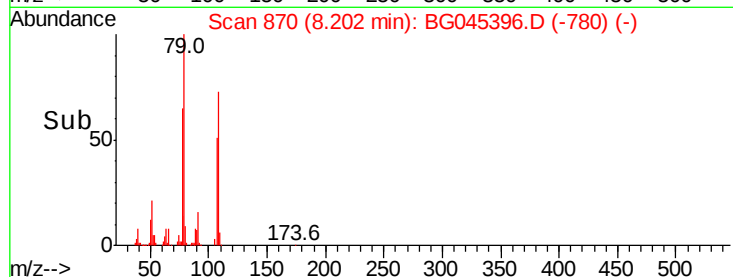
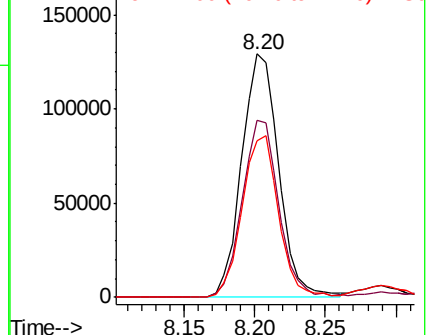
77 64.6 51.0 76.4



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: 47.950 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

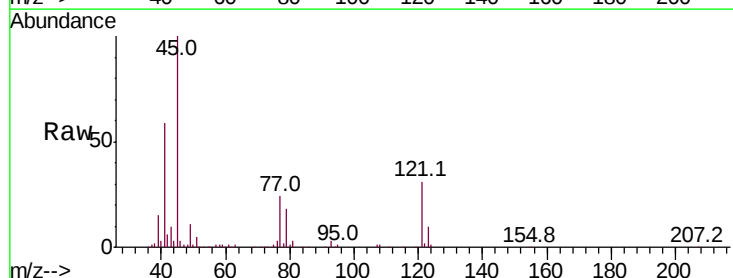
Tgt Ion: 45 Resp: 215757

Ion Ratio Lower Upper

45 100

77 24.2 4.0 44.0

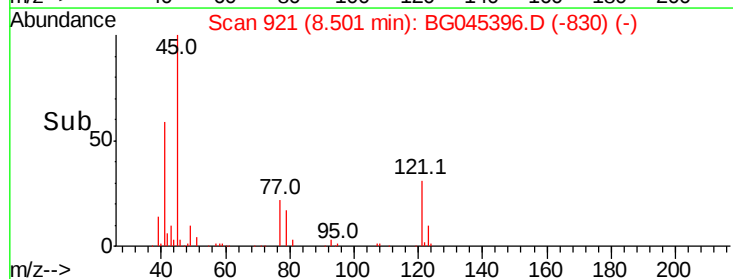
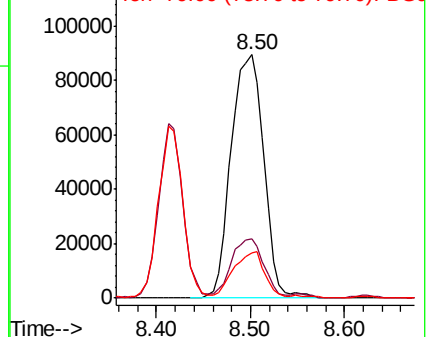
79 18.4 0.0 38.6

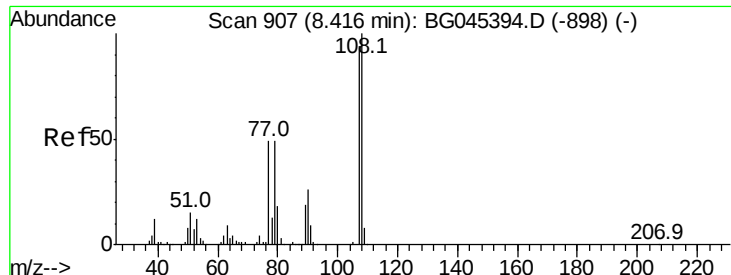


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 49.548 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:107 Resp: 220093

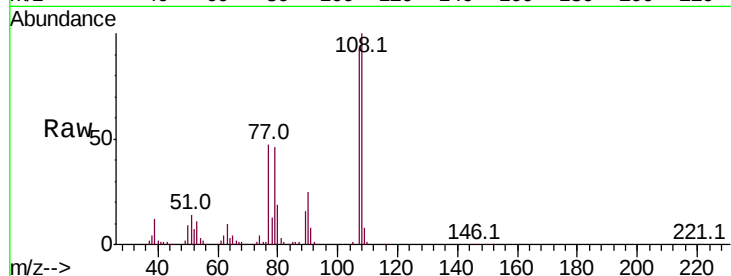
Ion Ratio Lower Upper

107 100

108 107.1 85.2 127.8

77 50.2 41.6 62.4

79 49.4 41.8 62.8

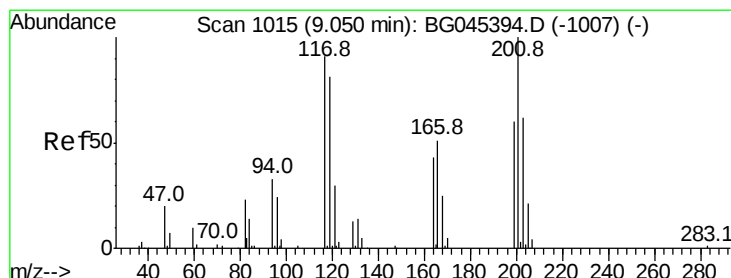
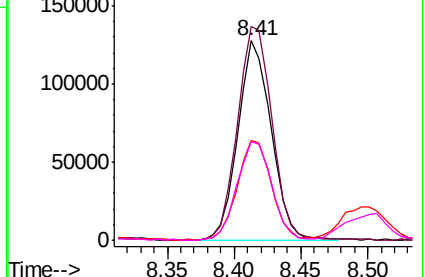
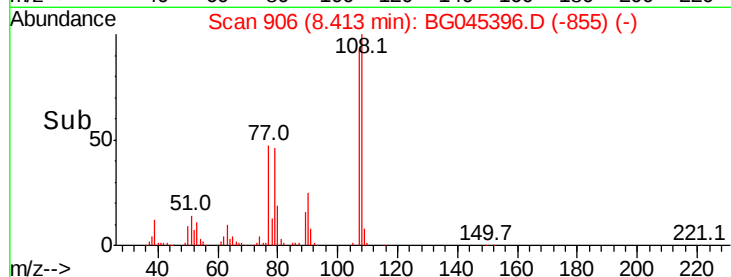


Abundance Ion 107.00 (106.70 to 107.70): E

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: 53.953 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

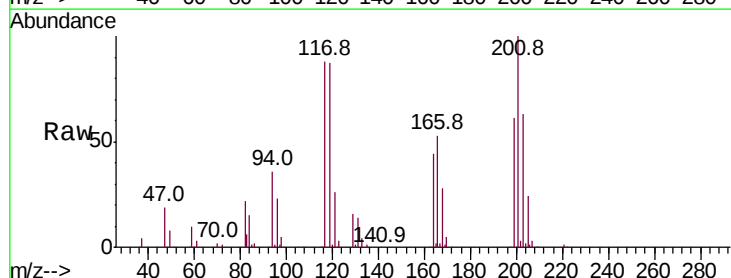
Tgt Ion:117 Resp: 99113

Ion Ratio Lower Upper

117 100

119 98.7 71.3 106.9

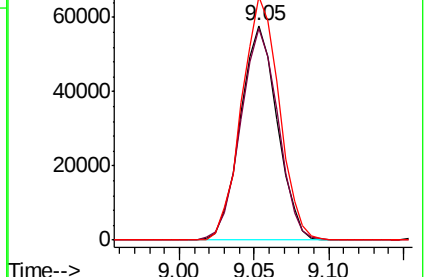
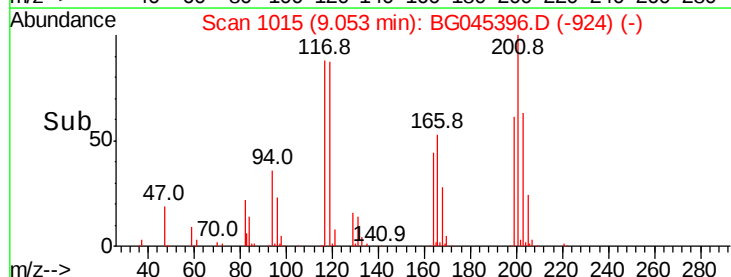
201 113.5 87.5 131.3

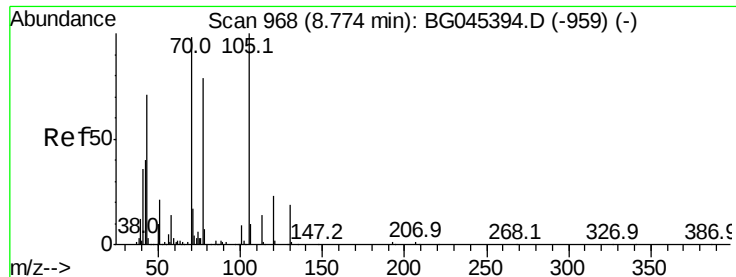


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

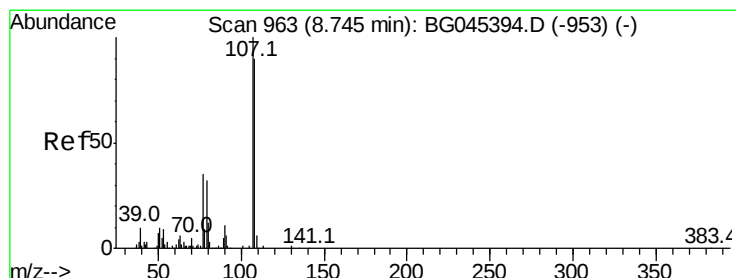
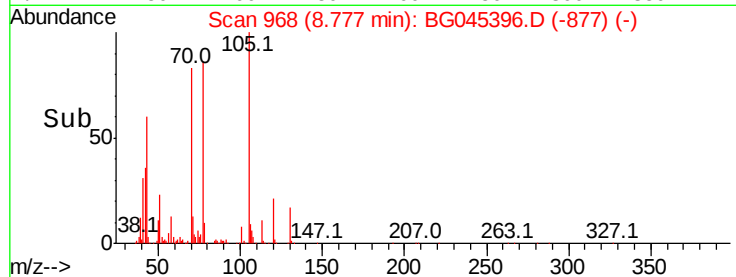
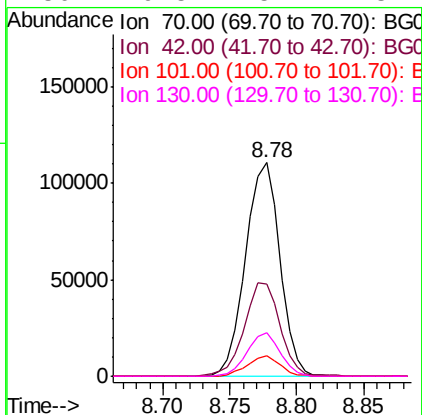
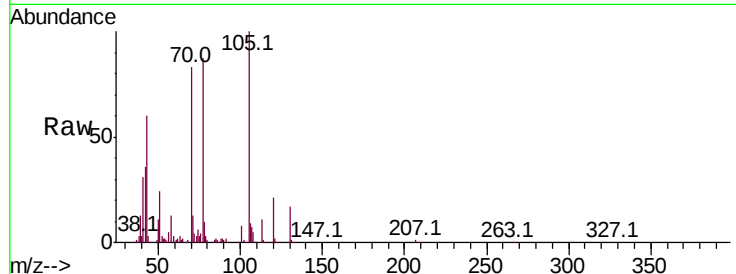




#19
n-Nitroso-di-n-propylamine
Concen: 48.271 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

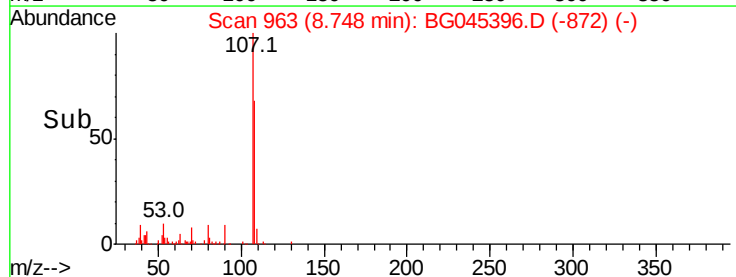
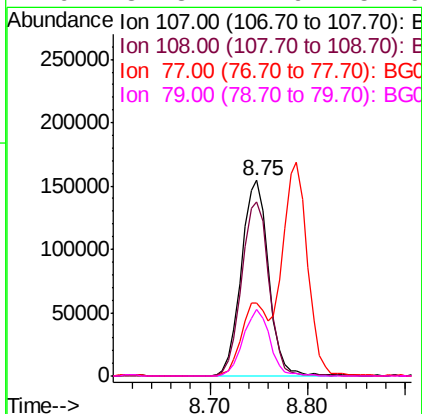
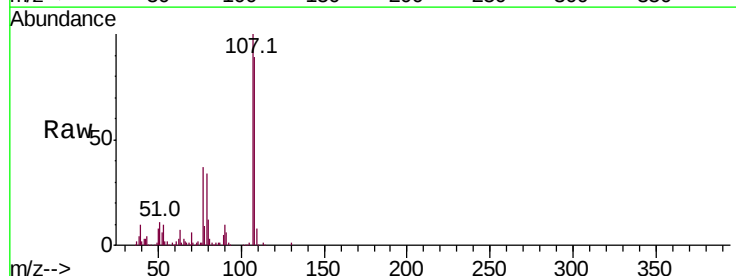
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

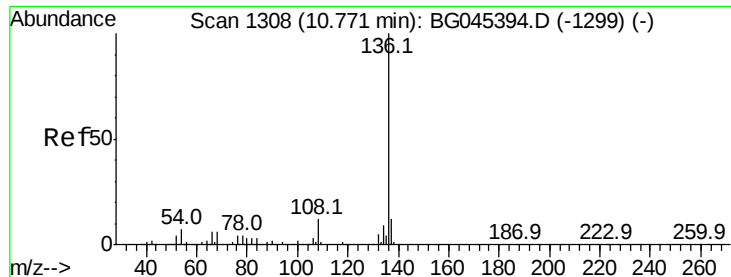
Tot Ion:	70	Resp:	196404
Ion	Ratio	Lower	Upper
70	100		
42	43.1	33.2	49.8
101	9.8	7.8	11.6
130	20.5	15.4	23.2



#20
3+4-Methylphenols
Concen: 48.555 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:	107	Resp:	301892
Ion	Ratio	Lower	Upper
107	100		
108	89.1	70.3	110.3
77	37.4	15.4	55.4
79	34.3	12.6	52.6

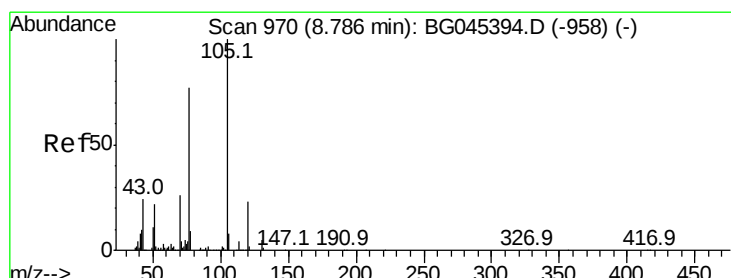
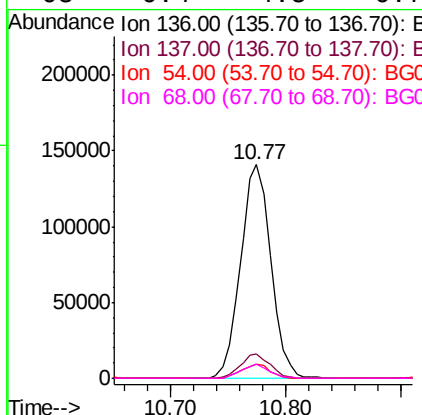
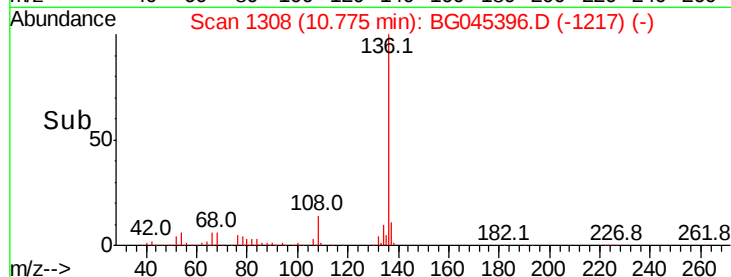
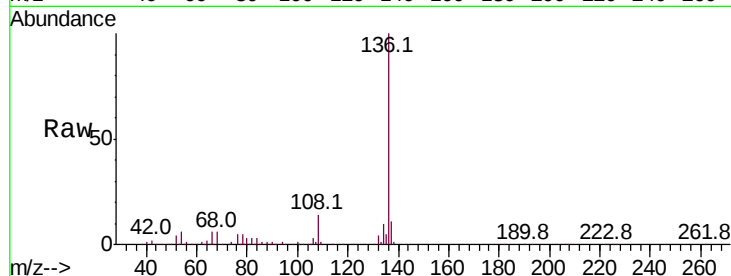




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

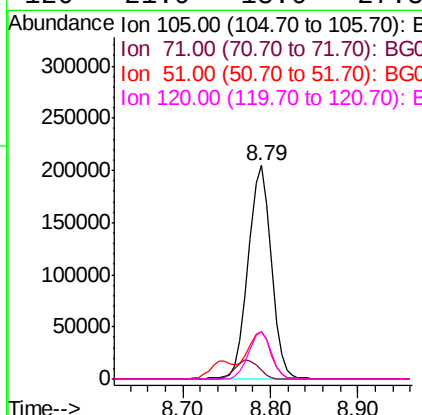
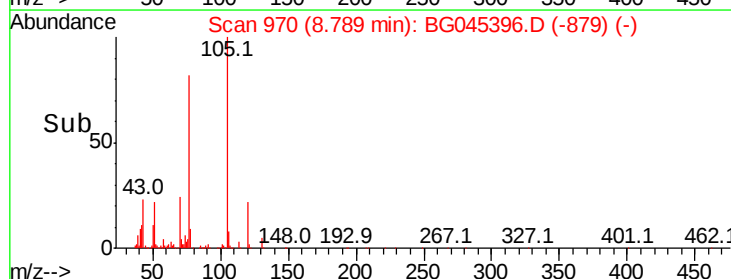
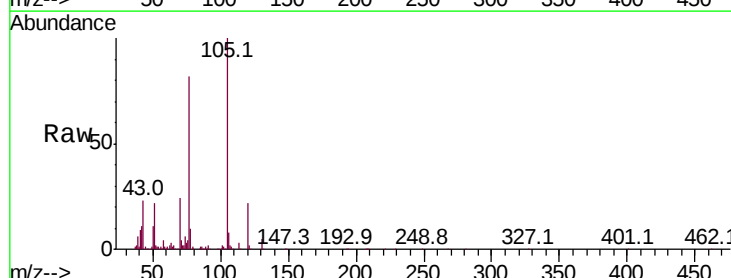
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

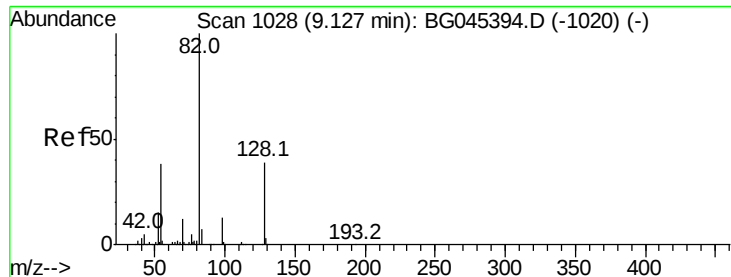
Tot Ion:	136	Resp:	256357
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	6.4	5.8	8.6
68	6.4	4.5	6.7



#22
Acetophenone
Concen: 52.723 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:	105	Resp:	365503
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.0
51	22.5	18.2	27.2
120	21.9	18.6	27.8

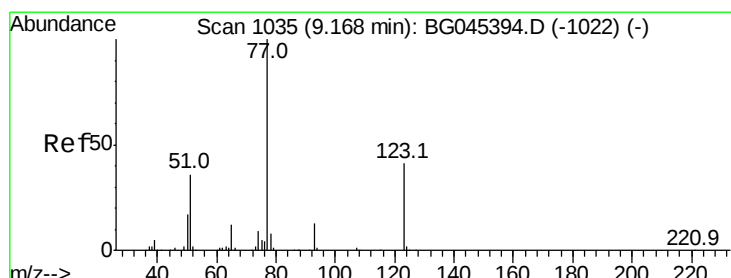
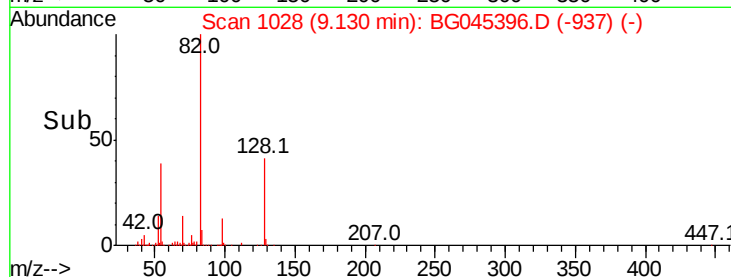
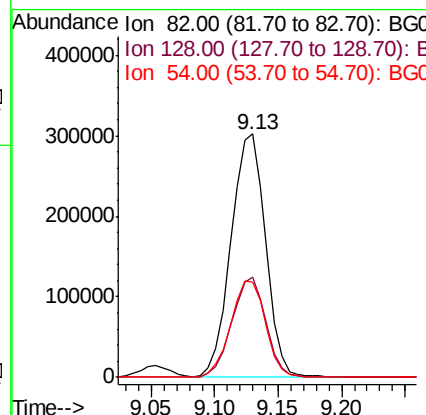
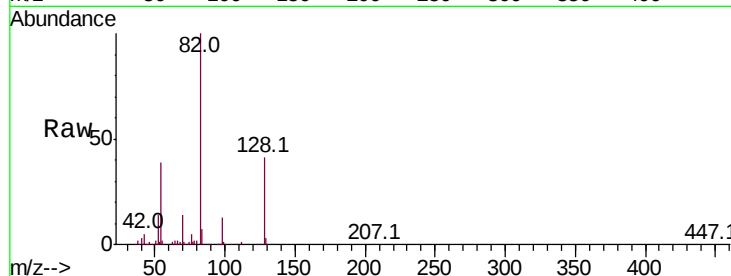




#23
 Nitrobenzene-d5
 Concen: 100.744 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045396.D
 Acq: 15 May 2020 13:46

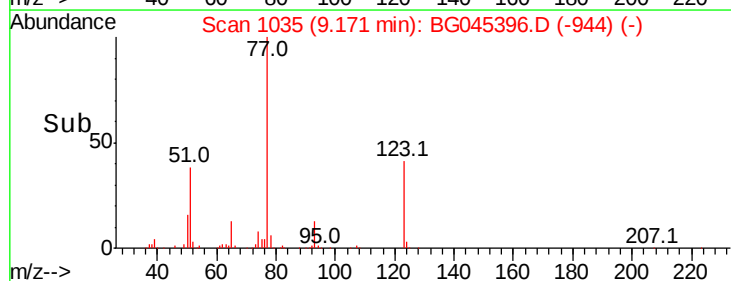
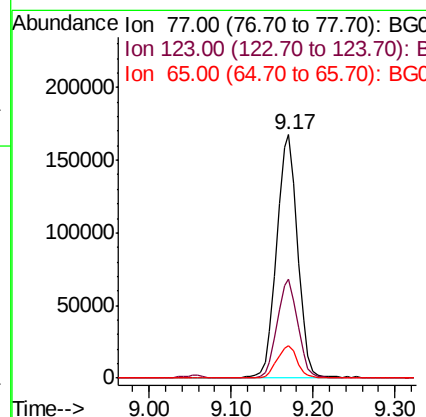
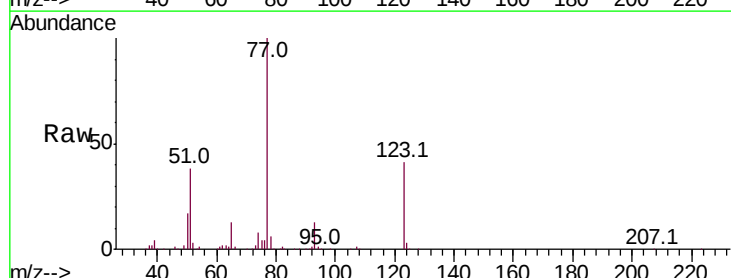
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

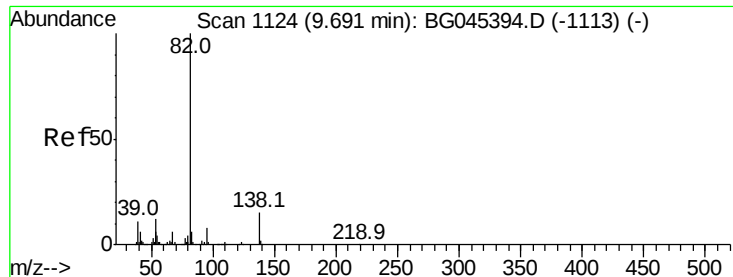
Tot Ion	82	Resp	566012
Ion Ratio	100	Lower	Upper
128	41.0	30.9	46.3
54	38.8	30.3	45.5



#24
 Nitrobenzene
 Concen: 52.160 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BG045396.D
 Acq: 15 May 2020 13:46

Tgt Ion	77	Resp	300387
Ion Ratio	100	Lower	Upper
123	40.5	32.9	49.3
65	13.4	9.4	14.2





#25

Isophorone

Concen: 48.663 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

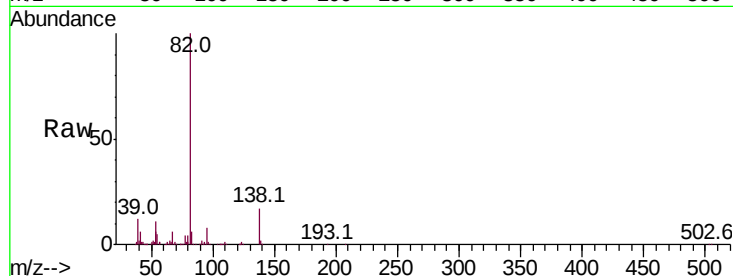
Tot Ion: 82 Resp: 559889

Ion Ratio Lower Upper

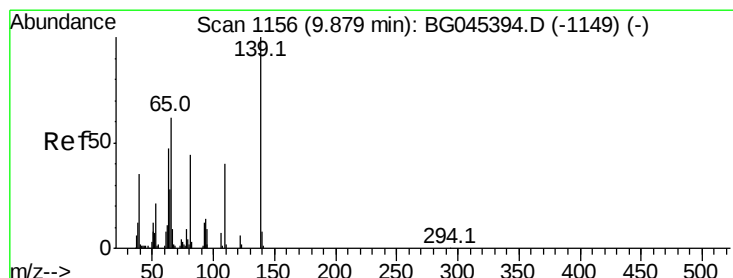
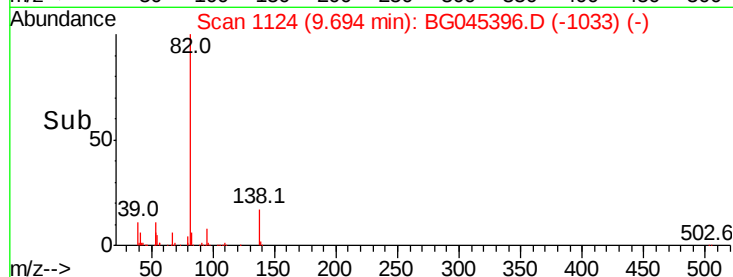
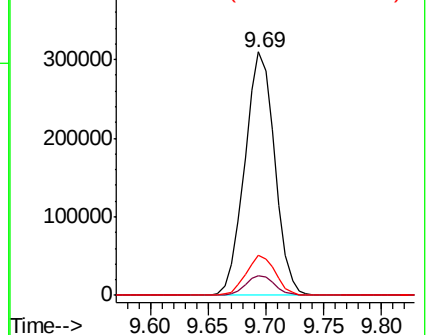
82 100

95 8.1 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: 53.572 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

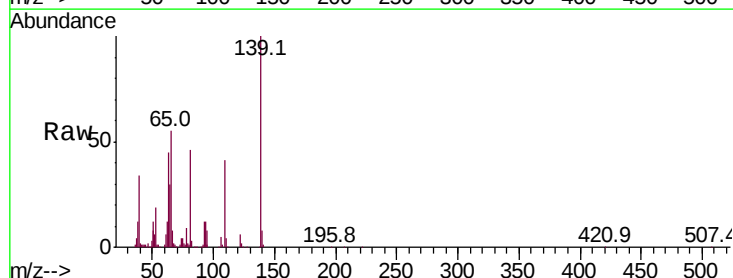
Tgt Ion: 139 Resp: 132893

Ion Ratio Lower Upper

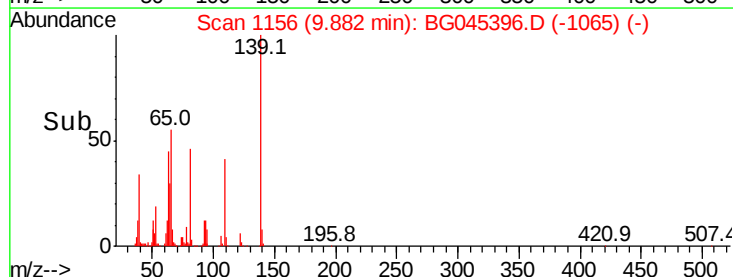
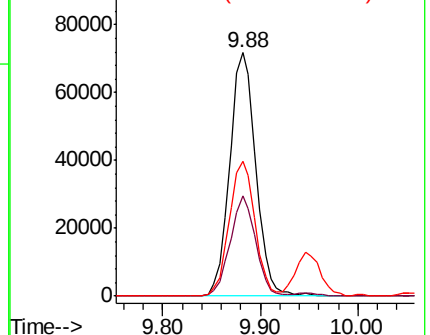
139 100

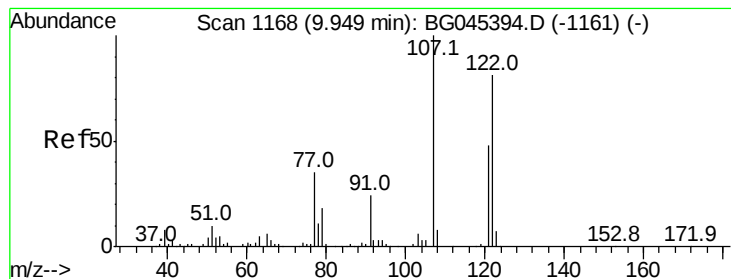
109 41.1 32.2 48.4

65 55.2 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: 48.671 ng

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

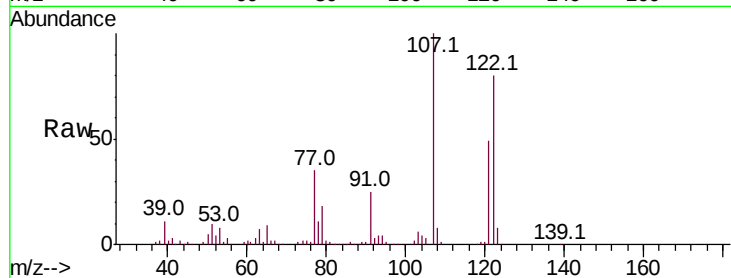
Tot Ion:122 Resp: 191574

Ion Ratio Lower Upper

122 100

107 125.1 99.0 148.4

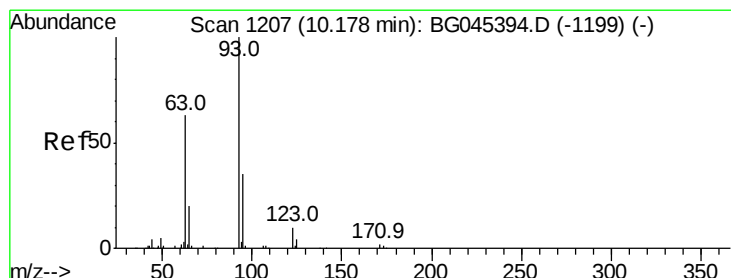
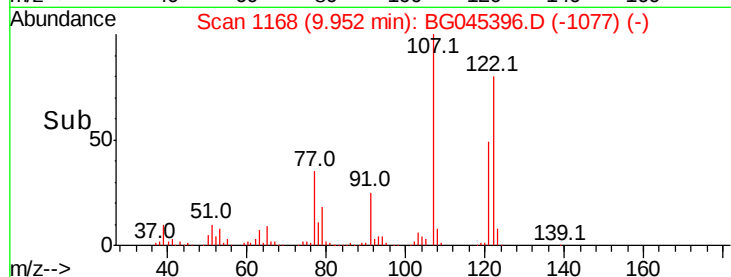
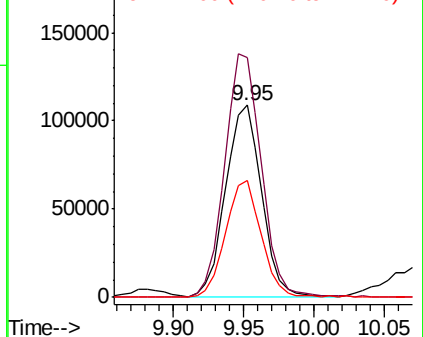
121 61.2 47.7 71.5



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: 47.952 ng

RT: 10.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

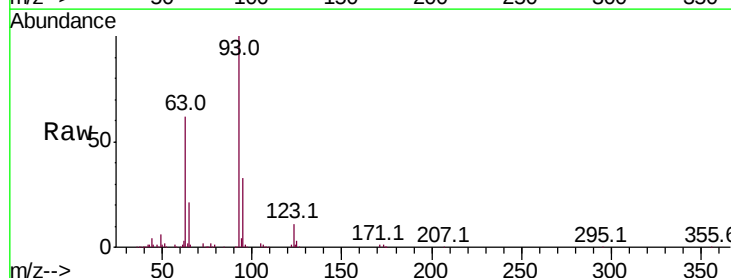
Tgt Ion: 93 Resp: 289878

Ion Ratio Lower Upper

93 100

95 32.6 27.6 41.4

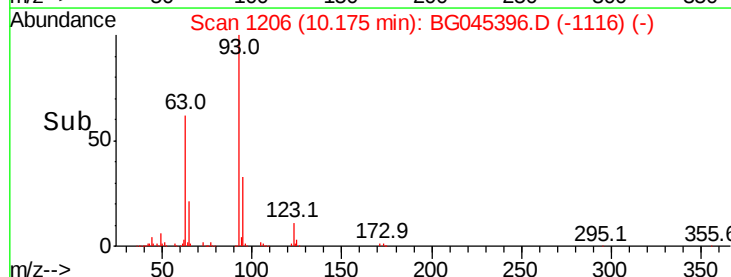
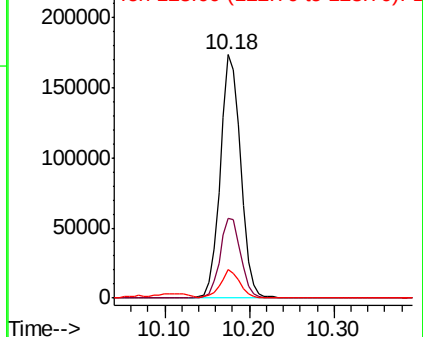
123 11.5 8.1 12.1

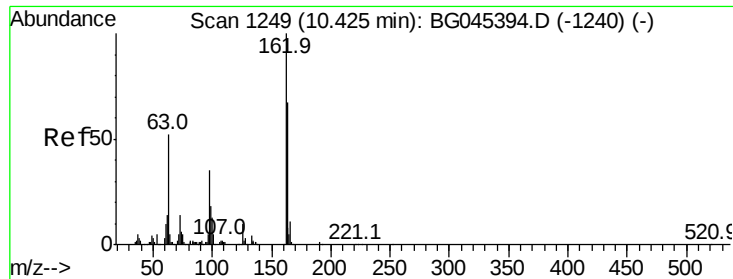


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.463 ng

RT: 10.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

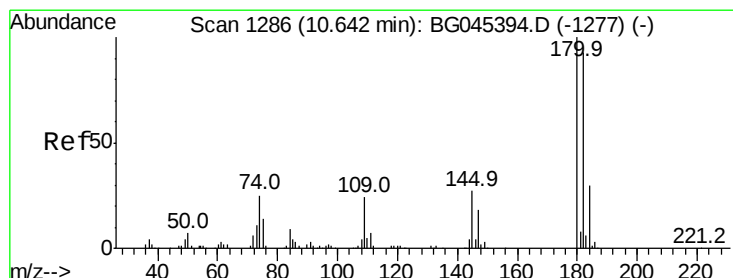
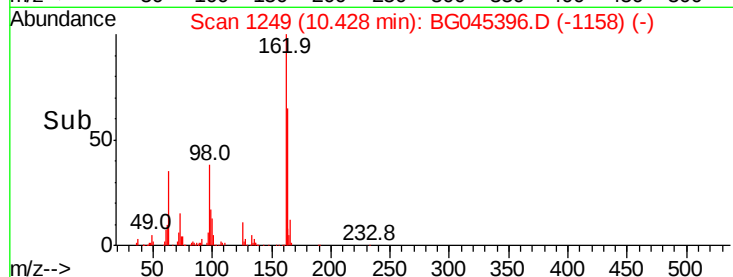
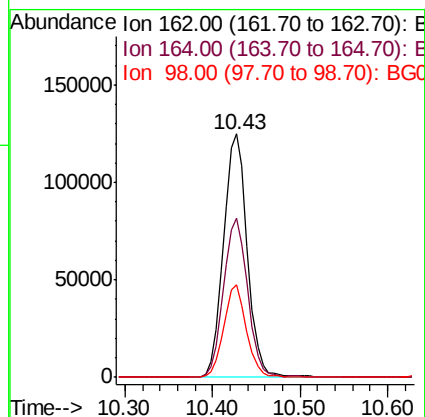
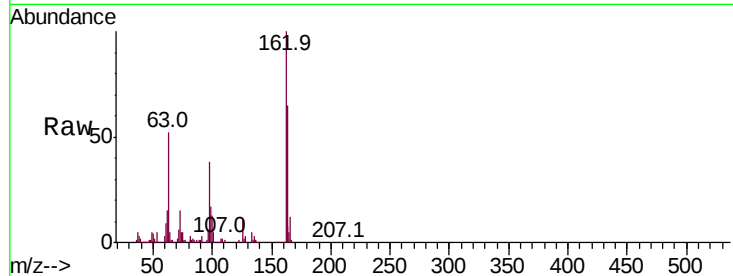
Tot Ion:162 Resp: 233897

Ion Ratio Lower Upper

162 100

164 65.4 46.8 86.8

98 38.0 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 52.064 ng

RT: 10.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

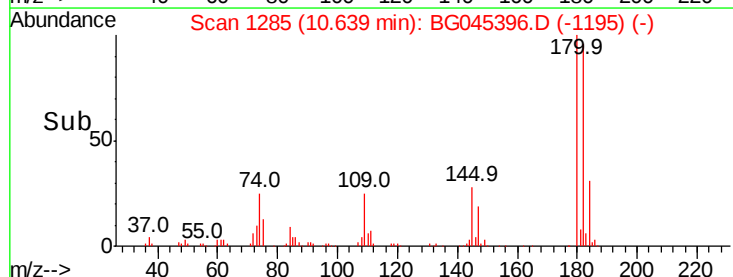
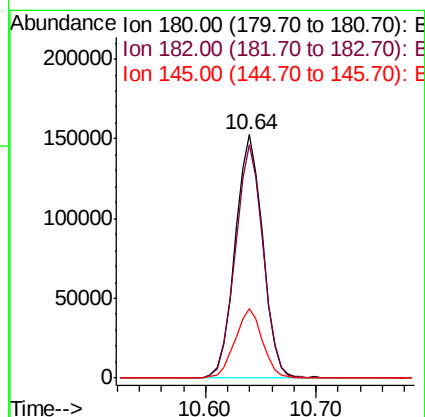
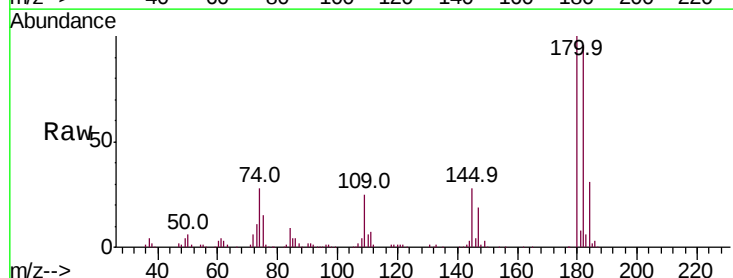
Tgt Ion:180 Resp: 267916

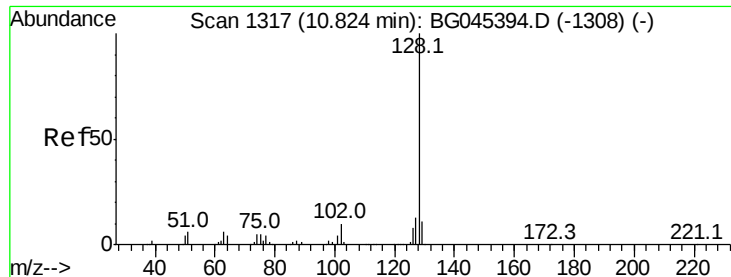
Ion Ratio Lower Upper

180 100

182 95.9 74.8 112.2

145 28.3 21.9 32.9

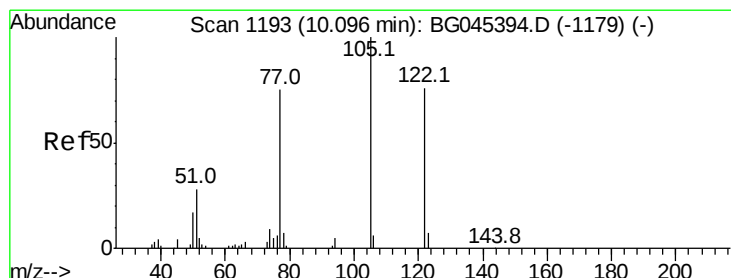
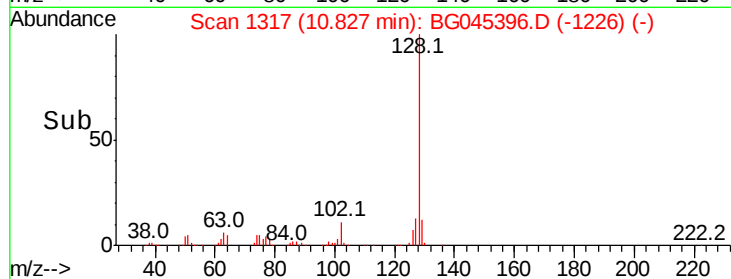
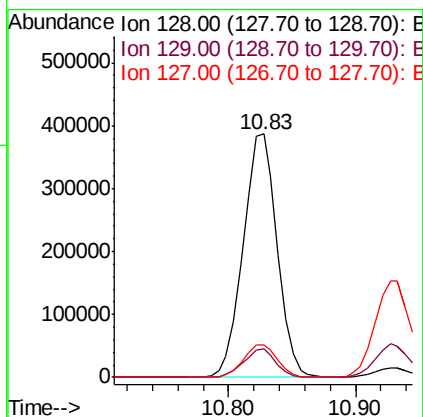
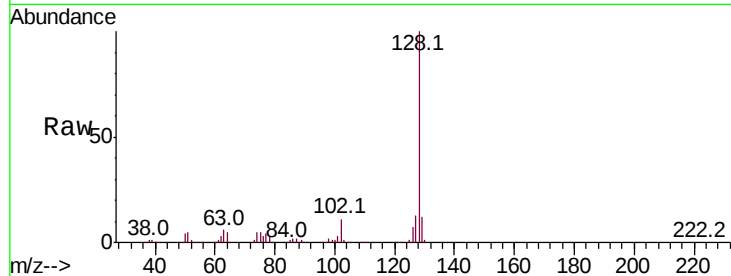




#31
Naphthalene
Concen: 51.160 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

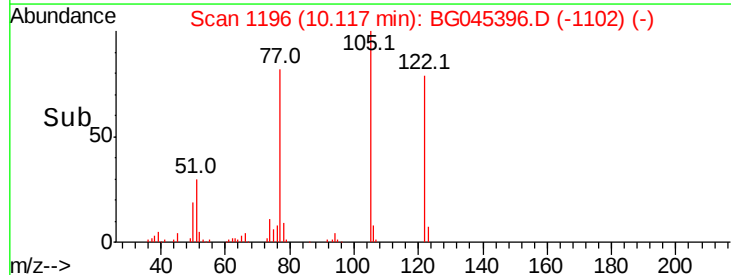
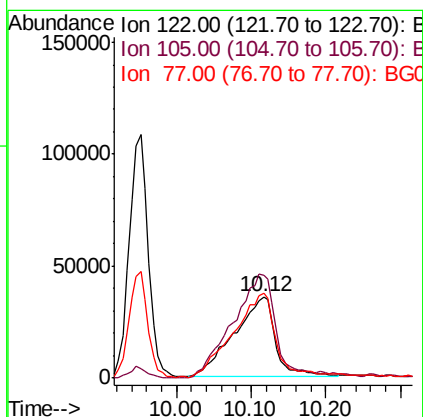
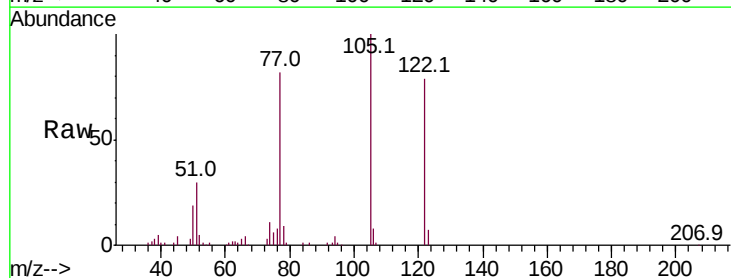
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

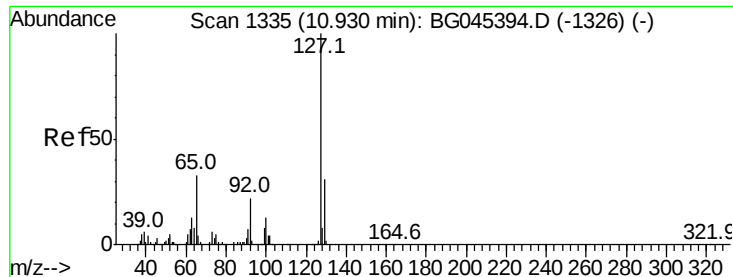
Tot Ion:128 Resp: 717461
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 46.838 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:122 Resp: 138279
Ion Ratio Lower Upper
122 100
105 126.8 107.9 147.9
77 104.3 78.9 118.9

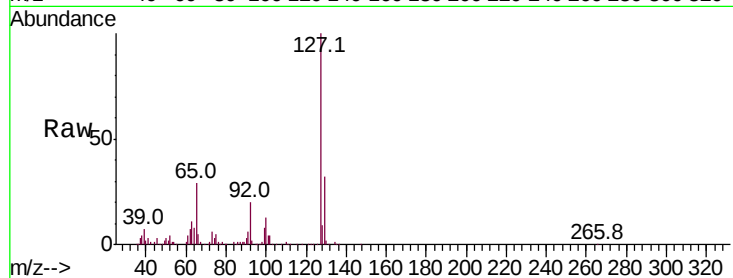




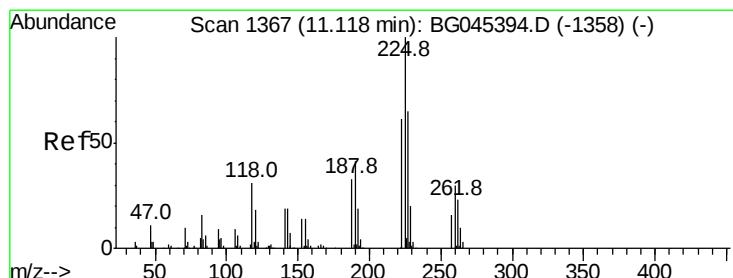
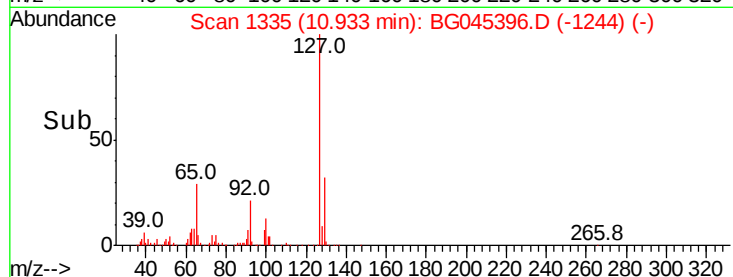
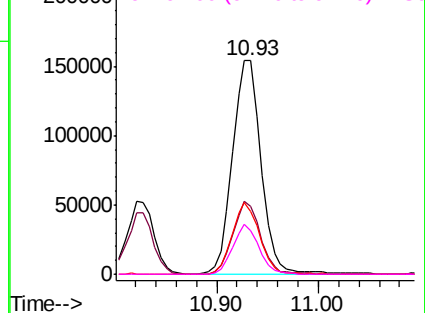
#33
4-Chloroaniline
Concen: 45.849 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:127	Resp:	299865
Ion Ratio	Lower	Upper
127	100	
129	31.8	24.7 37.1
65	29.3	26.2 39.2
92	20.5	17.9 26.9

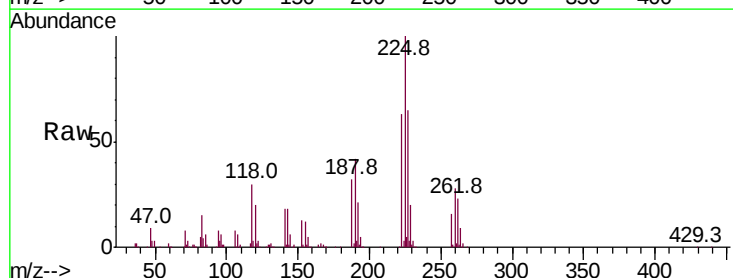


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

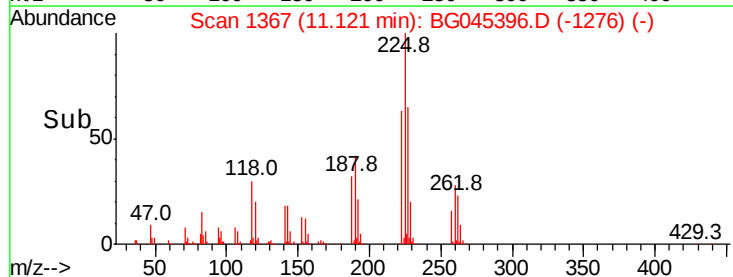
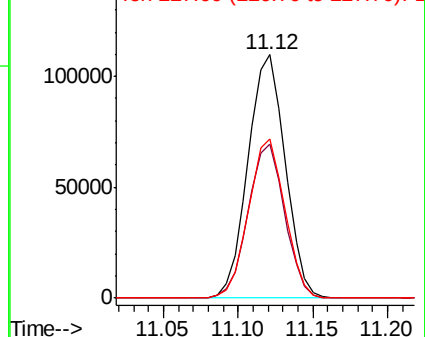


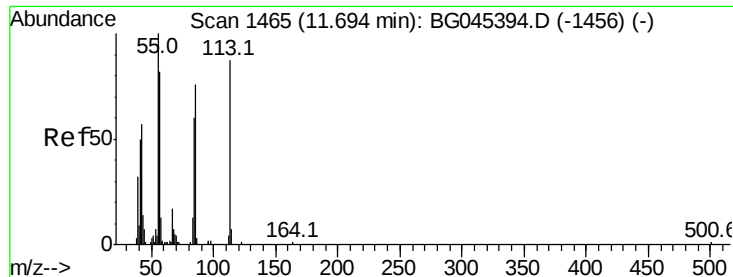
#34
Hexachlorobutadiene
Concen: 53.664 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:225	Resp:	189330
Ion Ratio	Lower	Upper
225	100	
223	63.1	49.1 73.7
227	65.3	52.0 78.0



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





#35

Caprolactam

Concen: 45.786 ng

RT: 11.71 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

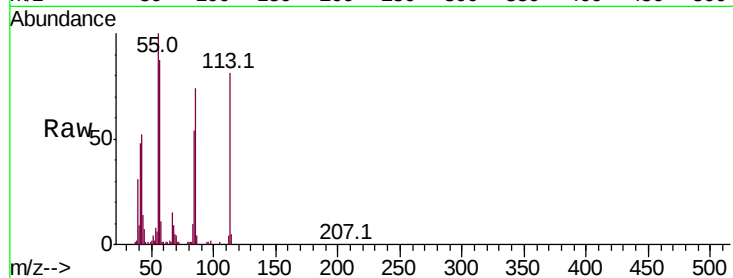
Tot Ion:113 Resp: 82821

Ion Ratio Lower Upper

113 100

55 124.0 96.0 136.0

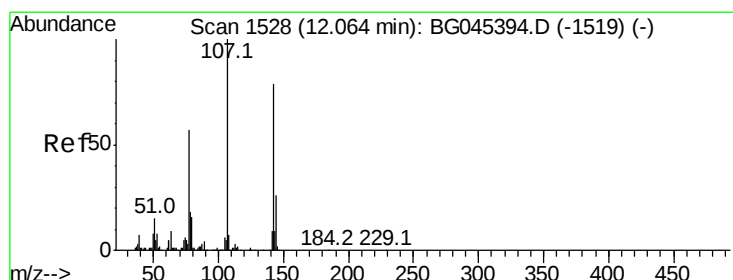
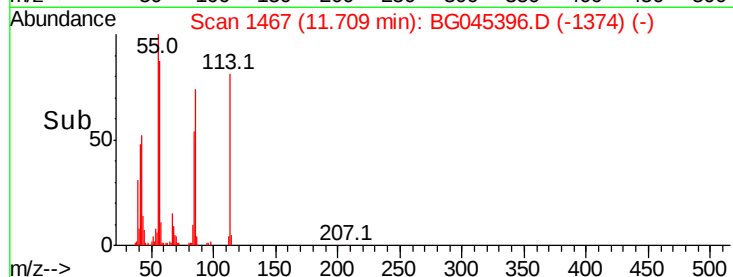
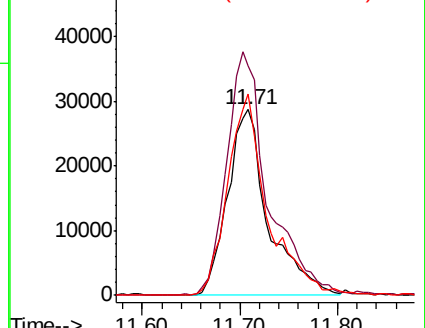
56 108.5 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.973 ng

RT: 12.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

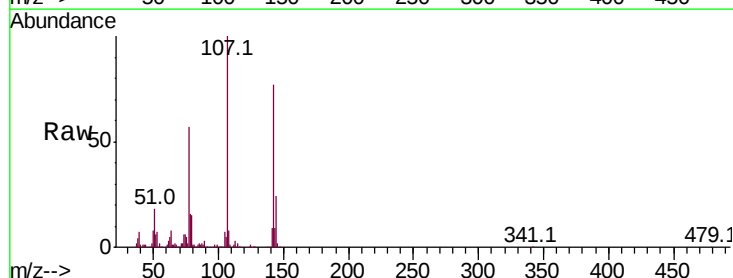
Tgt Ion:107 Resp: 256137

Ion Ratio Lower Upper

107 100

144 23.9 20.8 31.2

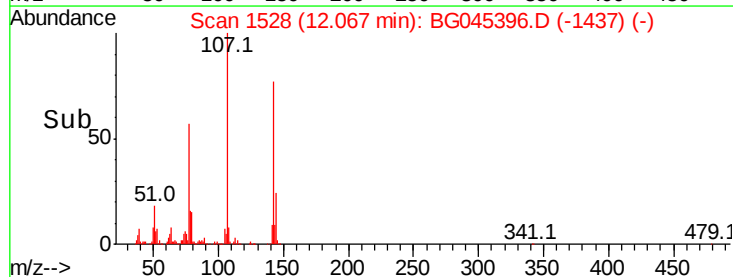
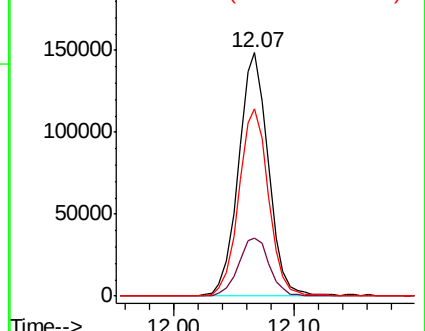
142 77.2 62.8 94.2

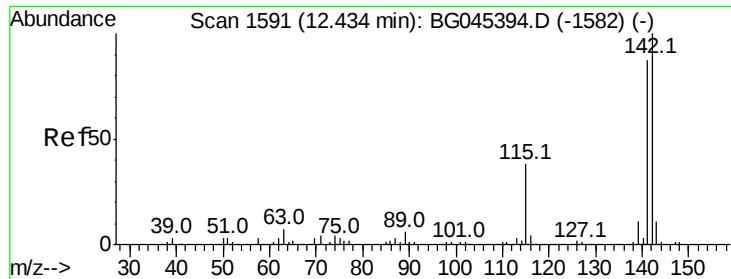


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

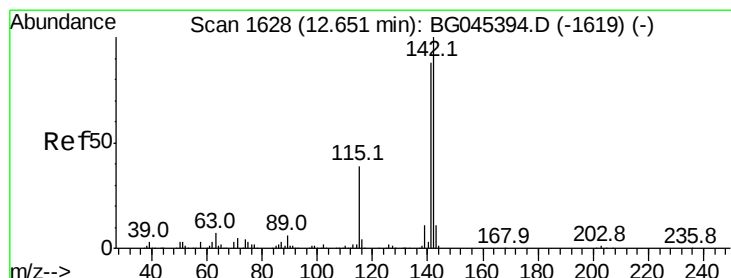
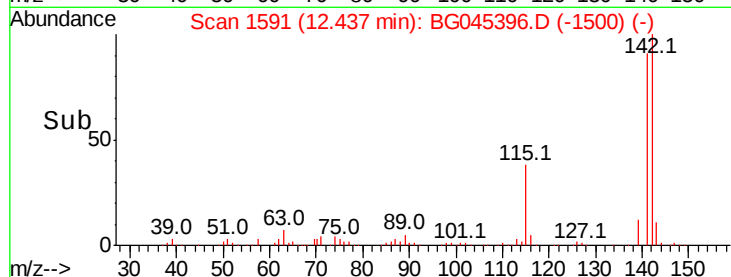
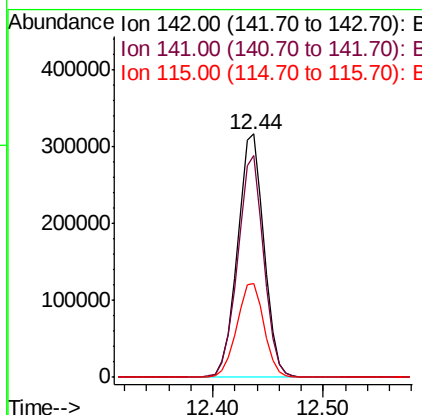
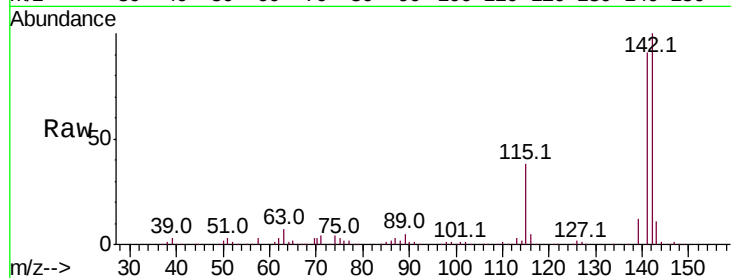




#37
2-Methylnaphthalene
Concen: 49.083 ng
RT: 12.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

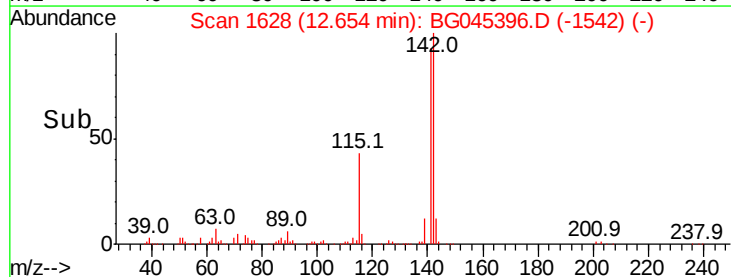
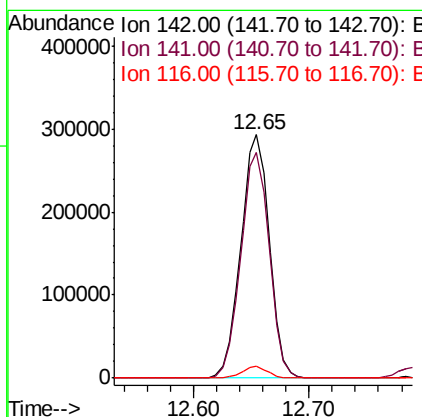
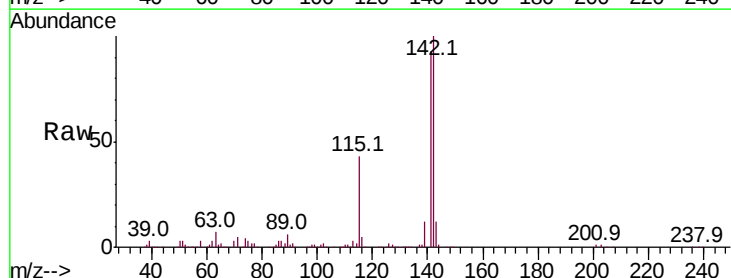
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

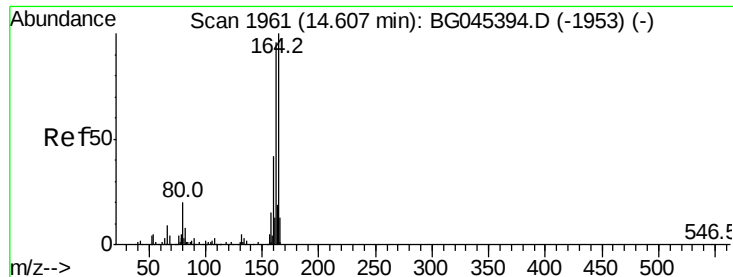
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.0	105.0
115	38.4	30.8	46.2



#38
1-Methylnaphthalene
Concen: 48.632 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	70.8	106.2
116	4.8	3.0	4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

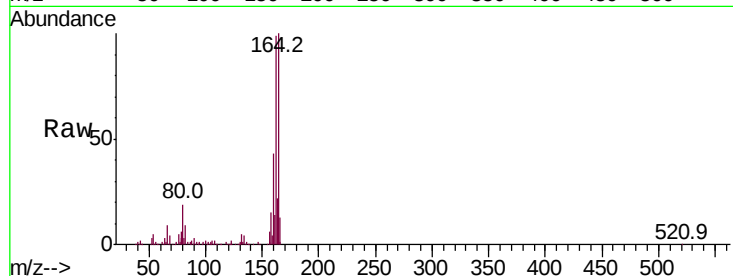
Tot Ion:164 Resp: 177867

Ion Ratio Lower Upper

164 100

162 99.4 76.9 115.3

160 43.4 33.8 50.8

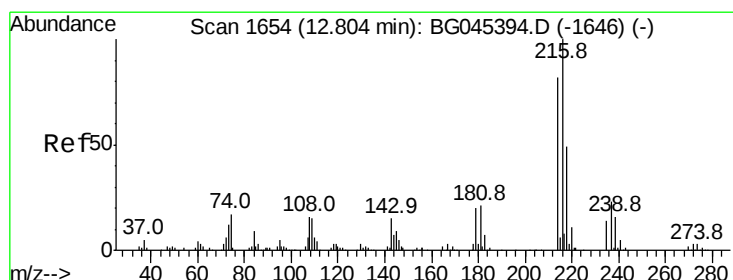
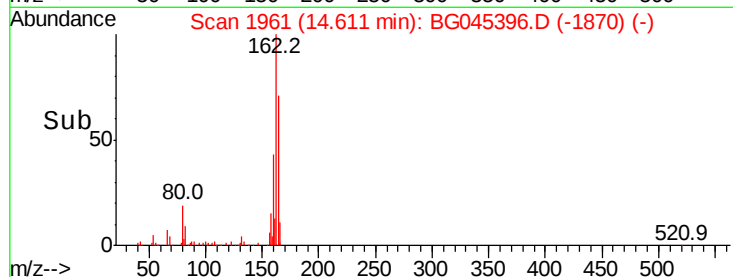
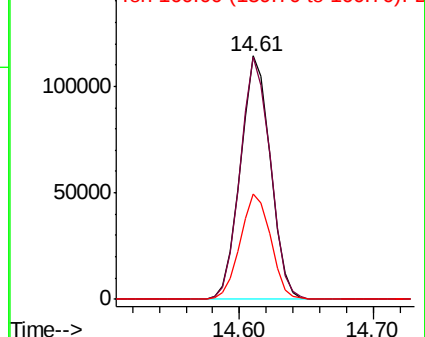


Abundance

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: 51.723 ng

RT: 12.81 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Tgt Ion:216 Resp: 296210

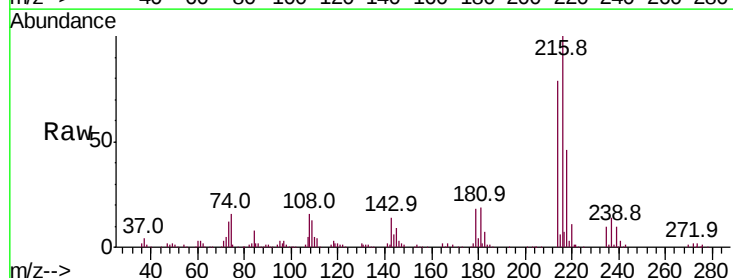
Ion Ratio Lower Upper

216 100

214 79.4 63.7 95.5

179 19.8 16.1 24.1

108 17.9 13.8 20.6



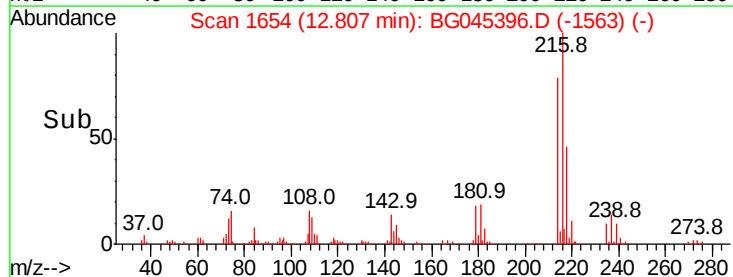
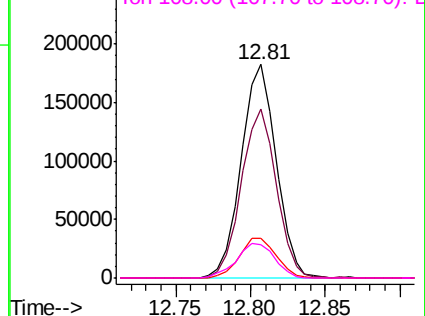
Abundance

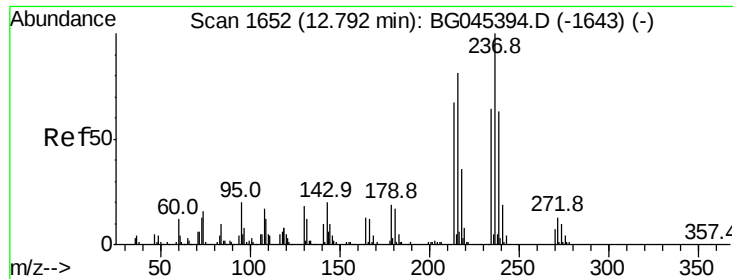
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 51.565 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

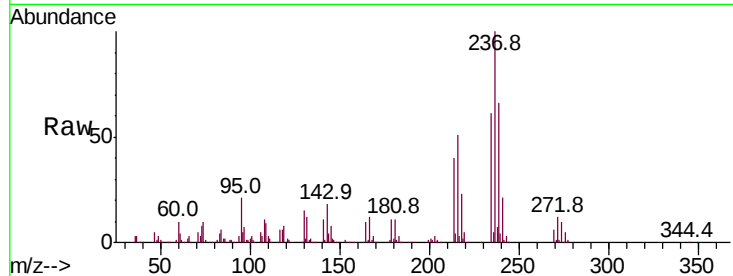
Tot Ion:237 Resp: 184569

Ion Ratio Lower Upper

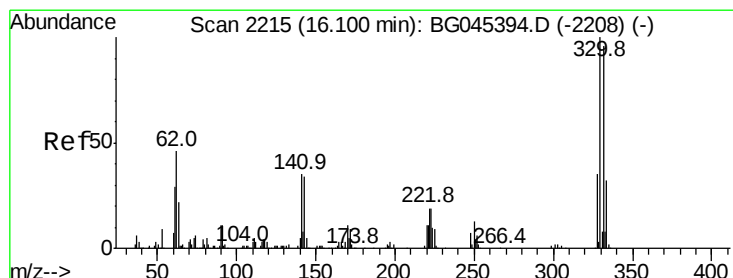
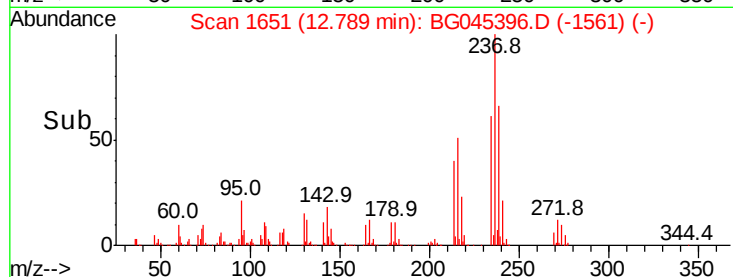
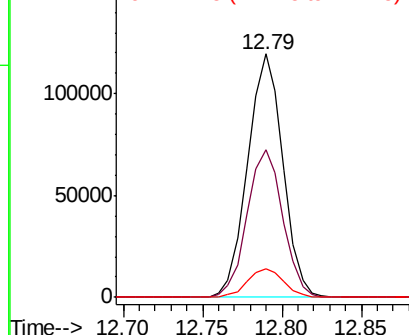
237 100

235 60.5 44.4 84.4

272 11.8 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: 97.657 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

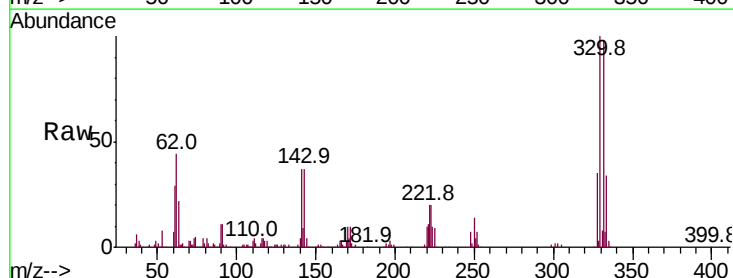
Tgt Ion:330 Resp: 268344

Ion Ratio Lower Upper

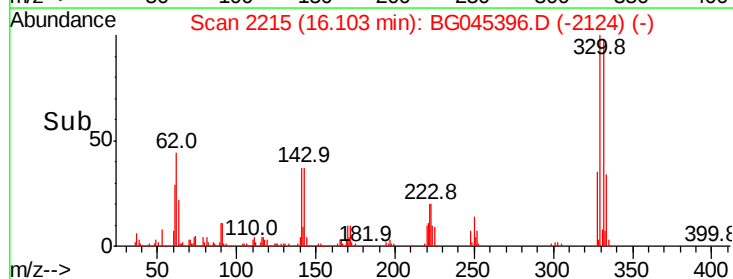
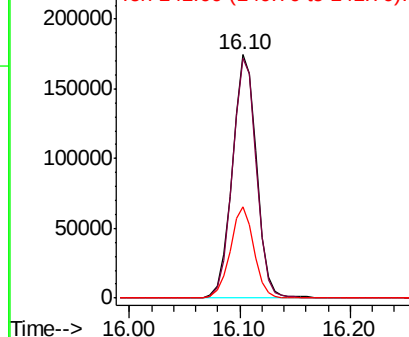
330 100

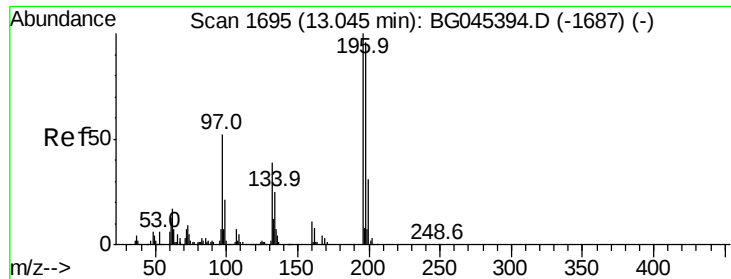
332 97.3 78.2 117.4

141 36.4 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

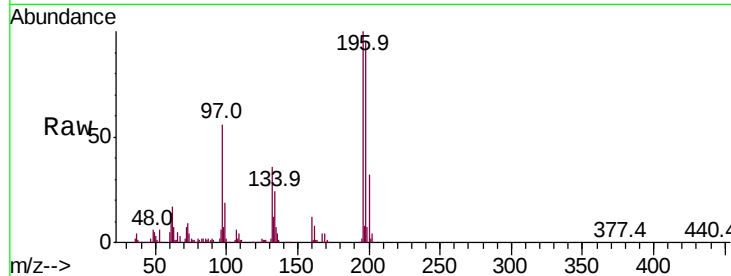




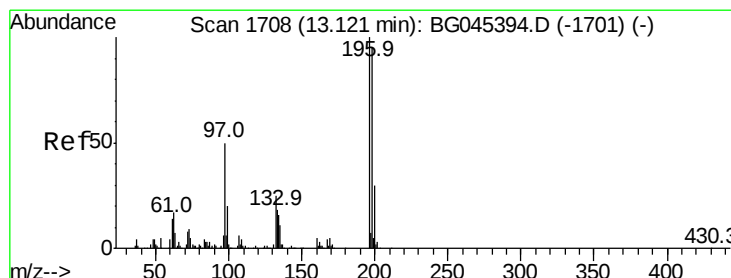
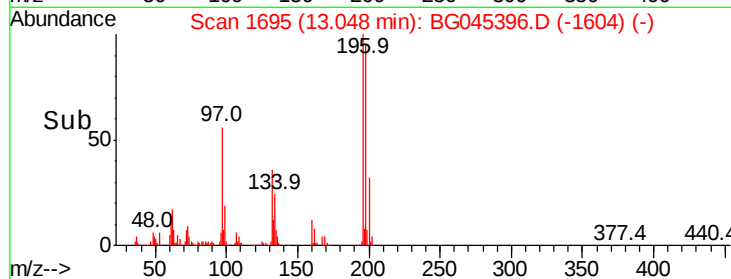
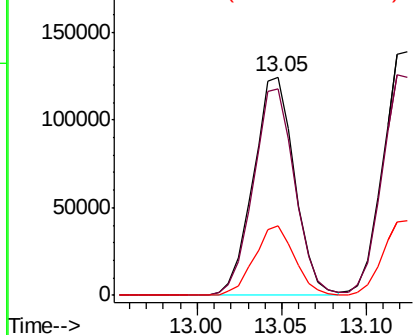
#43
2,4,6-Trichlorophenol
Concen: 51.944 ng
RT: 13.05 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDIC060

Tot Ion:196 Resp: 209946
Ion Ratio Lower Upper
196 100
198 94.8 76.7 115.1
200 31.8 24.9 37.3



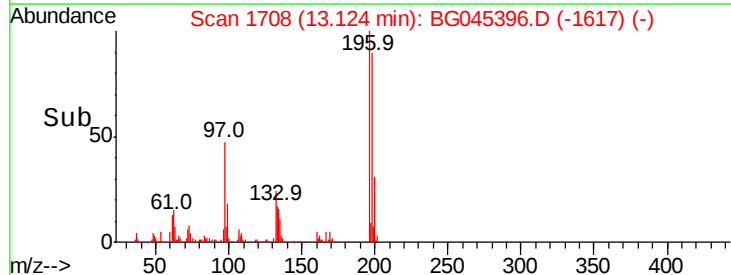
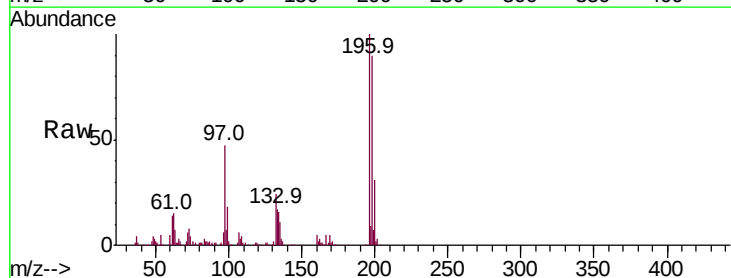
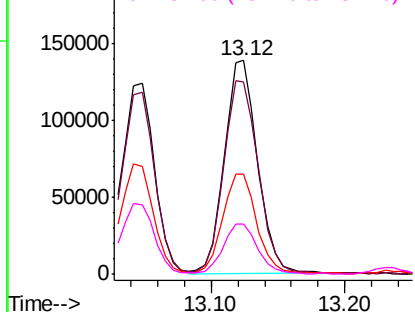
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

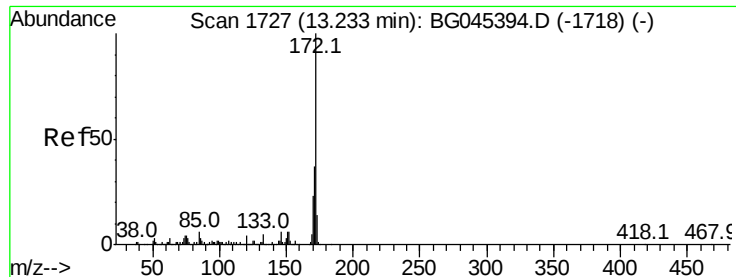


#44
2,4,5-Trichlorophenol
Concen: 52.137 ng
RT: 13.12 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:196 Resp: 239862
Ion Ratio Lower Upper
196 100
198 89.8 76.1 114.1
97 47.0 40.0 60.0
132 23.6 20.2 30.2

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

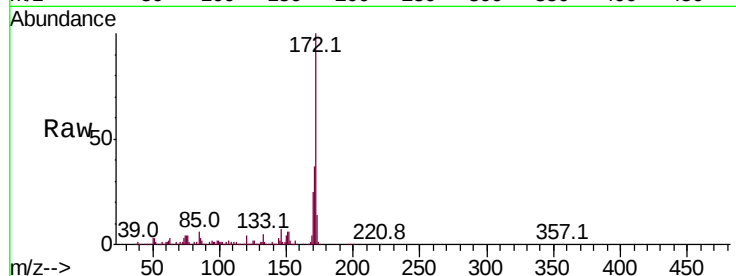




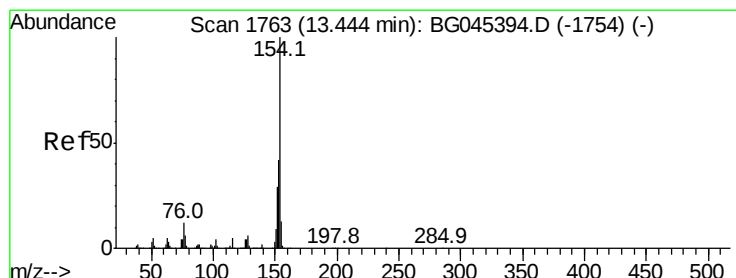
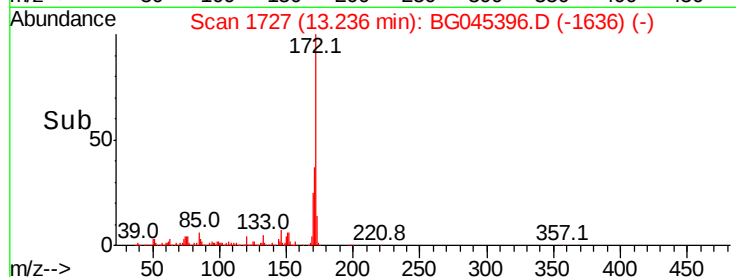
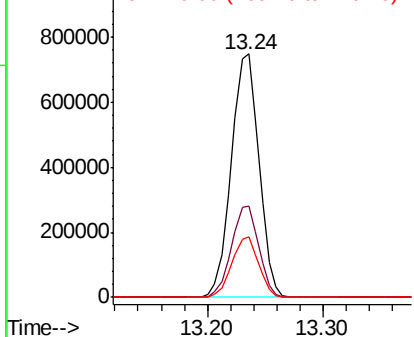
#45
2-Fluorobiphenyl
Concen: 102.131 ng
RT: 13.24 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tot Ion:172 Resp: 1238868
Ion Ratio Lower Upper
172 100
171 37.3 29.5 44.3
170 24.8 18.5 27.7

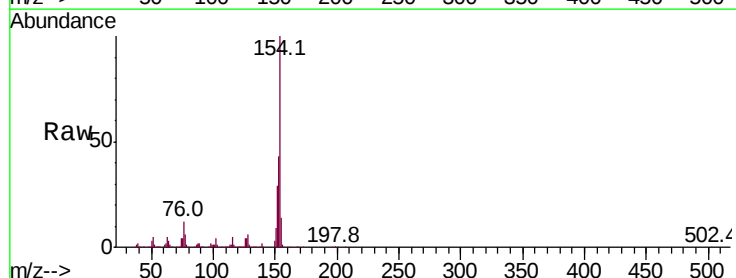


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

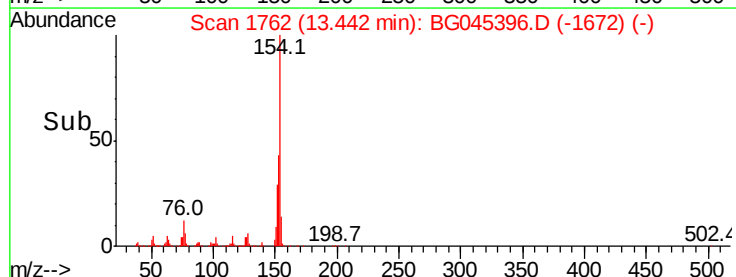
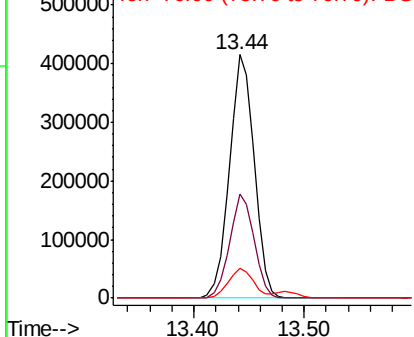


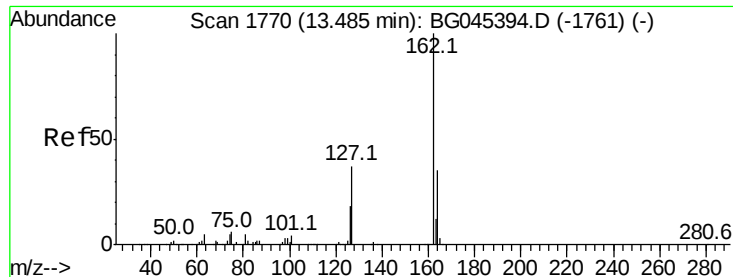
#46
1,1'-Biphenyl
Concen: 48.283 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:154 Resp: 652738
Ion Ratio Lower Upper
154 100
153 42.6 22.2 62.2
76 12.2 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

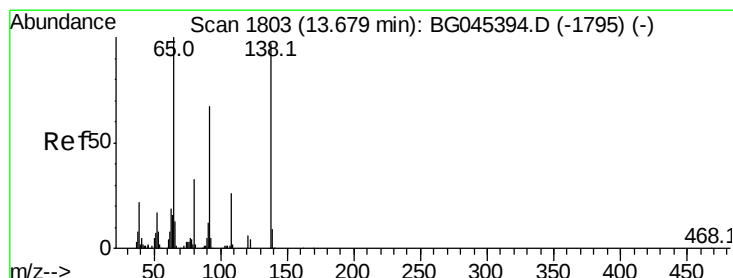
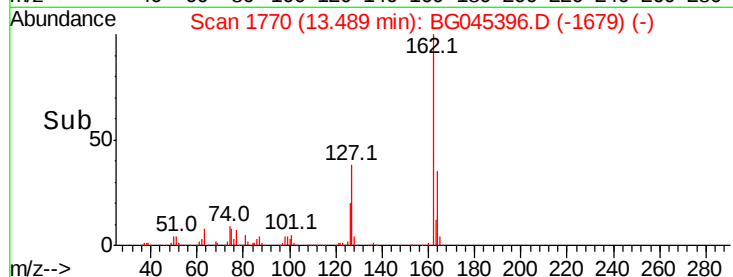
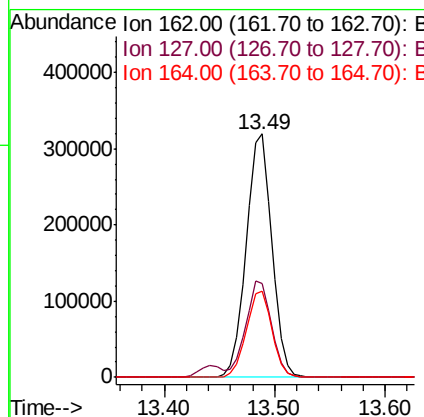
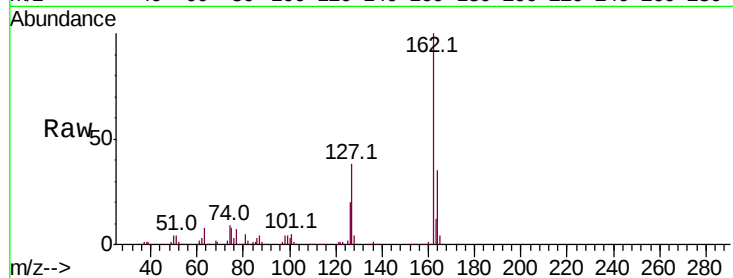




#47
2-Chloronaphthalene
Concen: 50.763 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

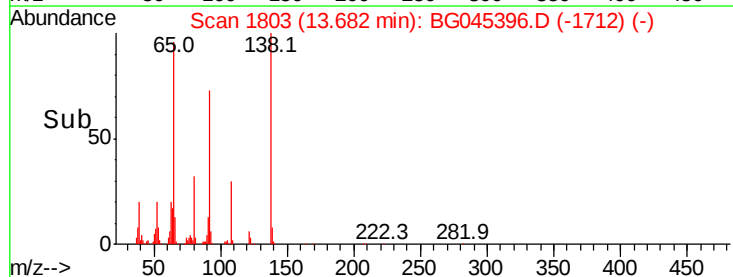
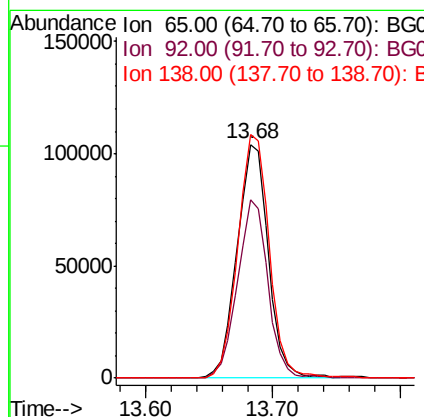
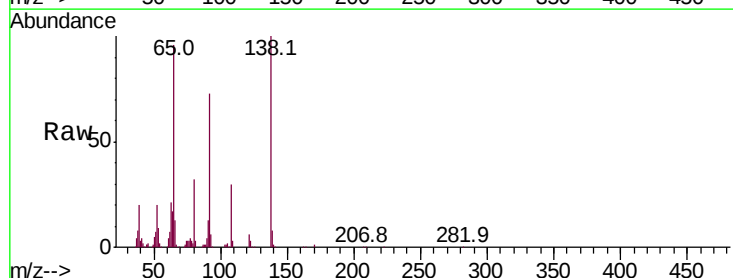
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

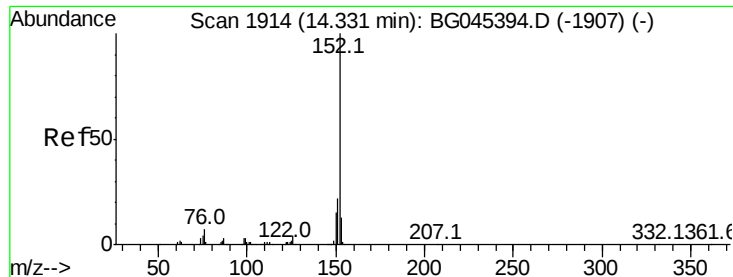
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.6	47.4
164	35.2	28.1	42.1



#48
2-Nitroaniline
Concen: 52.058 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	53.8	80.8
138	104.3	77.9	116.9





#49

Acenaphthylene

Concen: 50.528 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

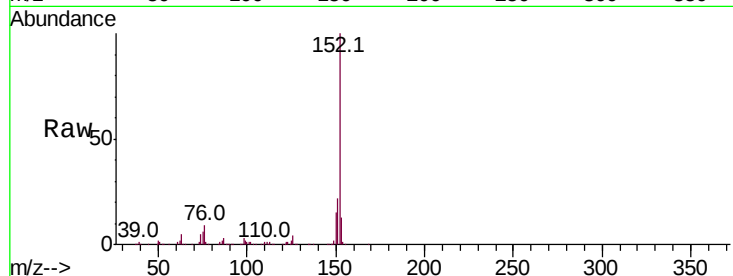
Tot Ion:152 Resp: 850187

Ion Ratio Lower Upper

152 100

151 22.1 17.4 26.2

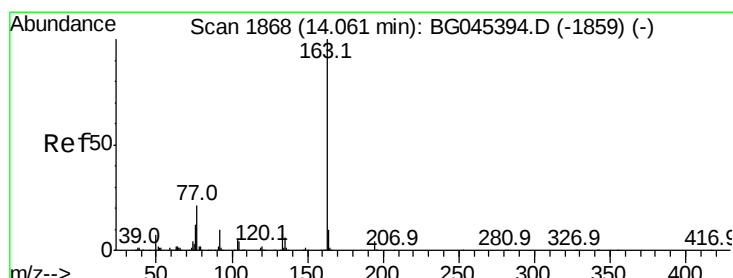
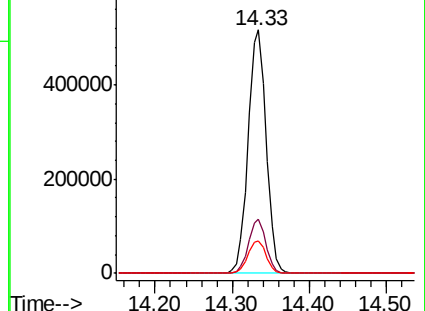
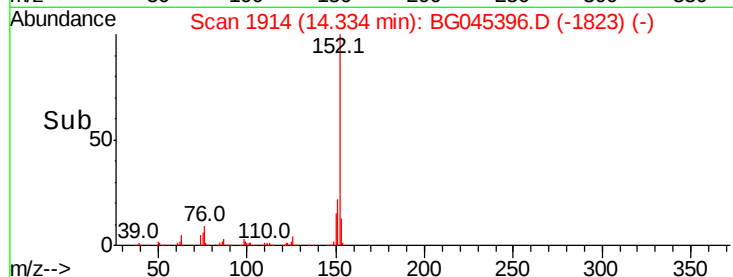
153 13.2 10.7 16.1



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: 49.416 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

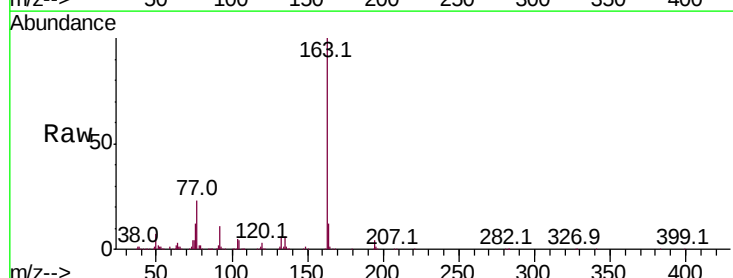
Tgt Ion:163 Resp: 715685

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

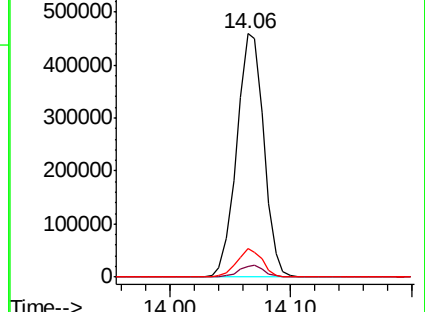
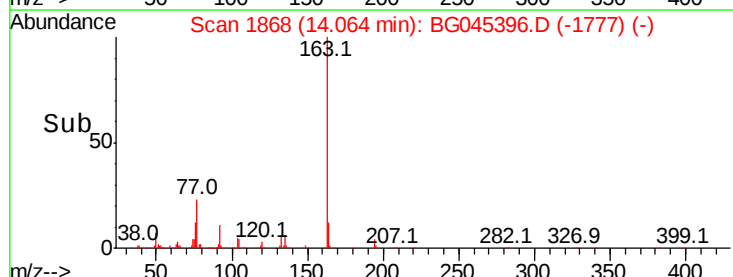
164 12.0 8.3 12.5

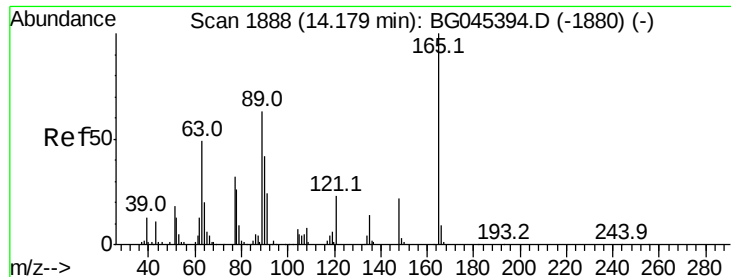


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

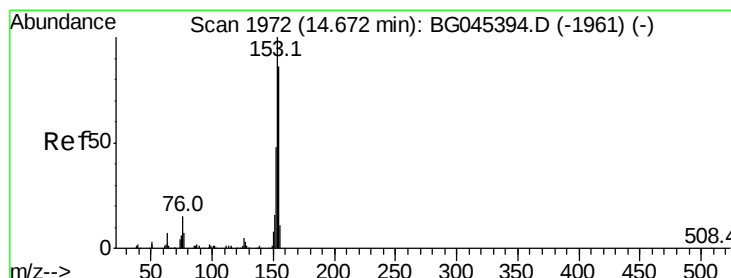
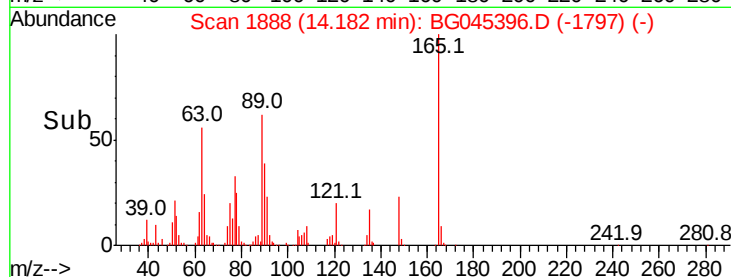
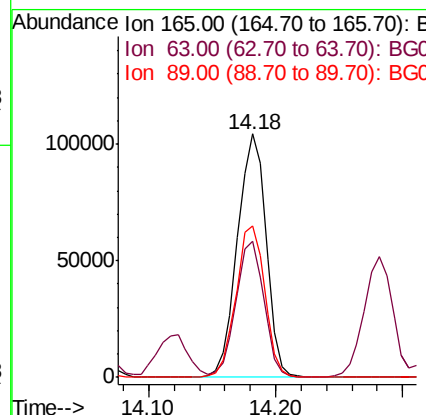
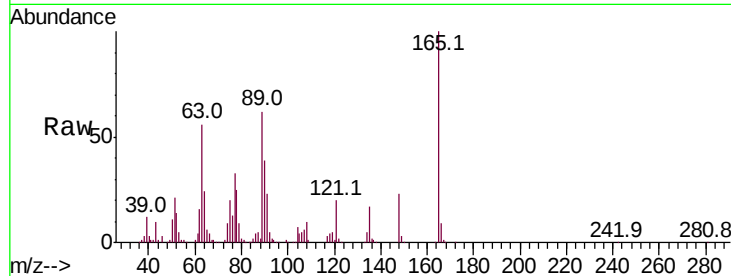




#51
 2,6-Dinitrotoluene
 Concen: 50.170 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045396.D
 Acq: 15 May 2020 13:46

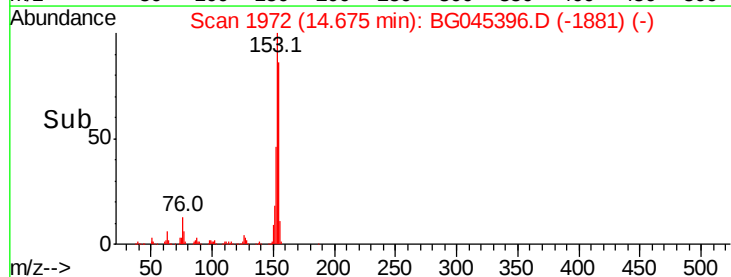
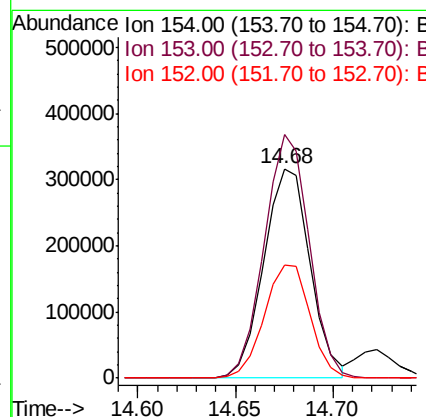
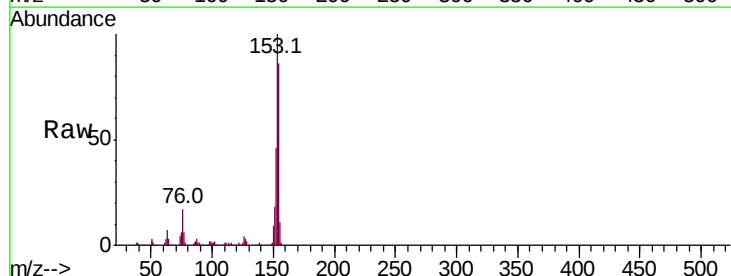
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

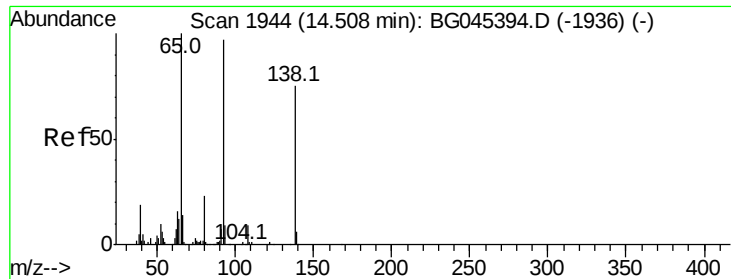
Tot Ion:165 Resp: 162520
 Ion Ratio Lower Upper
 165 100
 63 56.1 45.0 67.4
 89 62.3 50.2 75.4



#52
 Acenaphthene
 Concen: 45.575 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG045396.D
 Acq: 15 May 2020 13:46

Tgt Ion:154 Resp: 518844
 Ion Ratio Lower Upper
 154 100
 153 116.2 92.8 139.2
 152 53.7 44.6 66.8

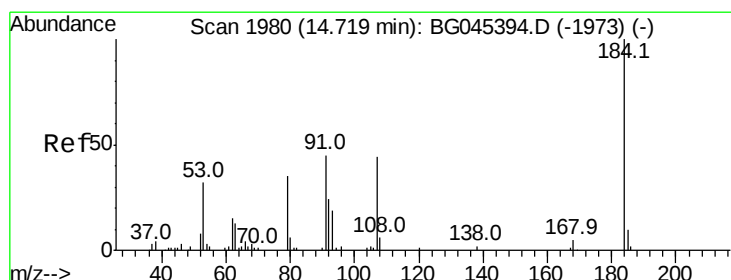
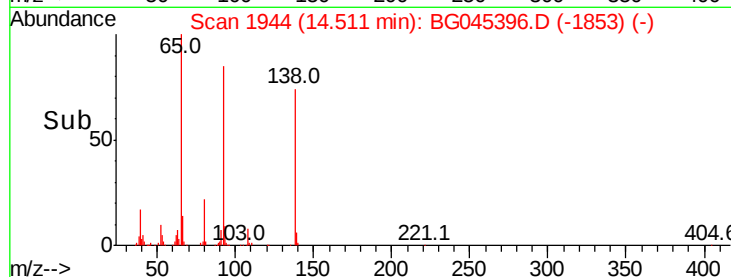
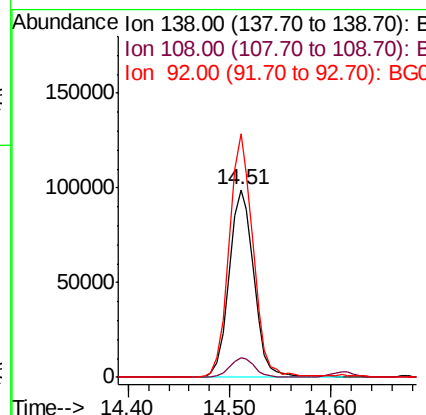
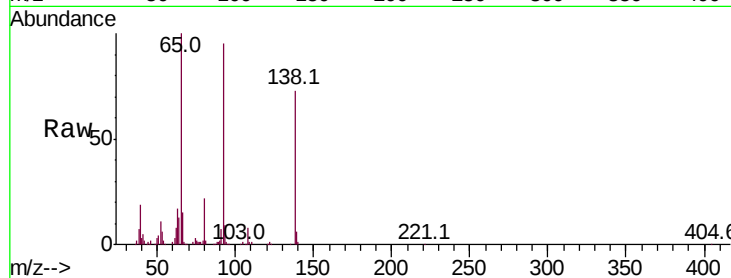




#53
3-Nitroaniline
Concen: 47.519 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

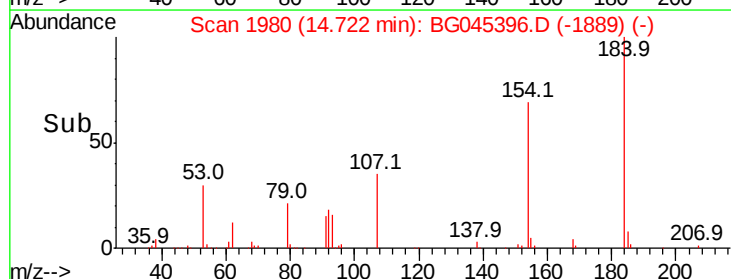
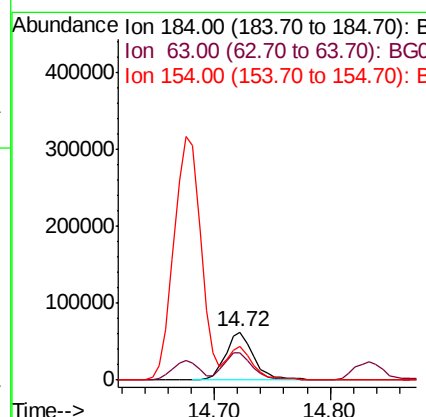
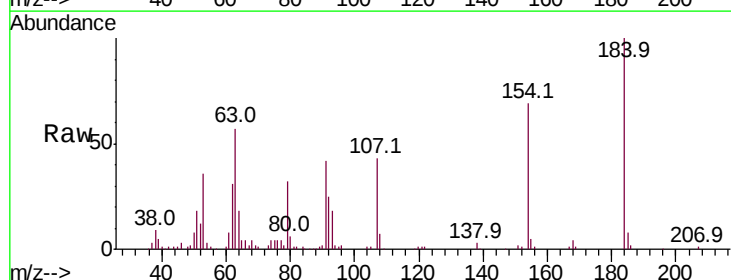
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

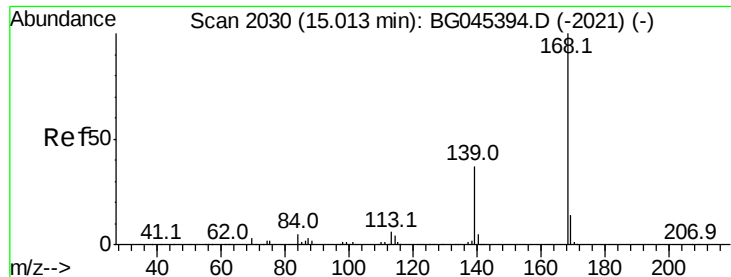
Tot Ion:138 Resp: 168827
Ion Ratio Lower Upper
138 100
108 10.6 9.8 14.6
92 129.7 103.0 154.4



#54
2,4-Dinitrophenol
Concen: 54.991 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:184 Resp: 105925
Ion Ratio Lower Upper
184 100
63 57.3 47.8 71.6
154 69.4 58.3 87.5





#55

Dibenzofuran

Concen: 49.855 ng

RT: 15.01 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

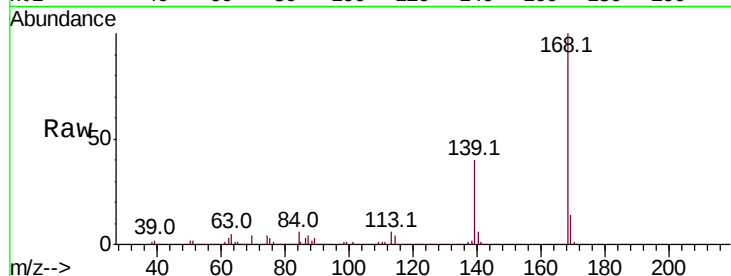
Tot Ion:168 Resp: 827469

Ion Ratio Lower Upper

168 100

139 40.3 29.9 44.9

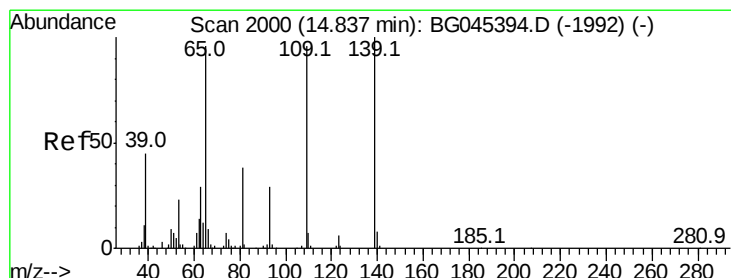
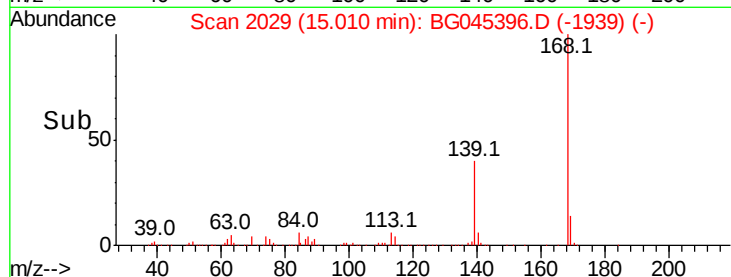
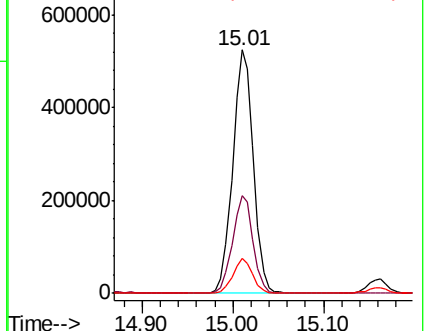
169 14.3 10.9 16.3



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: 47.507 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

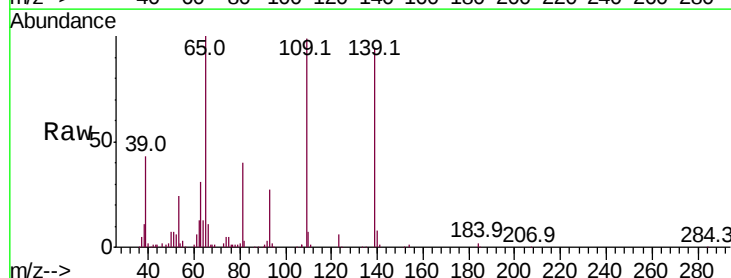
Tgt Ion:139 Resp: 130868

Ion Ratio Lower Upper

139 100

109 104.6 75.6 115.6

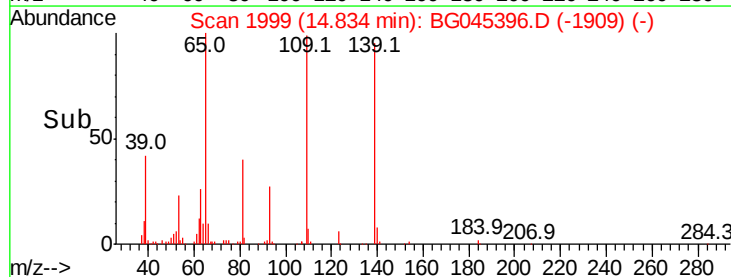
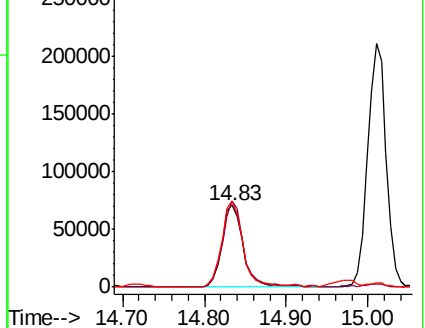
65 106.0 76.8 116.8

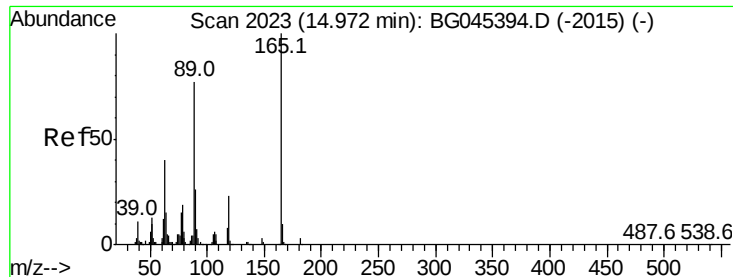


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

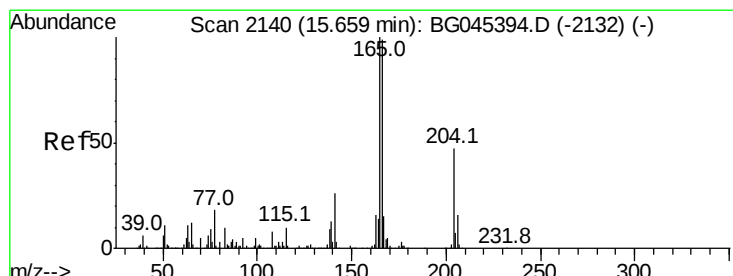
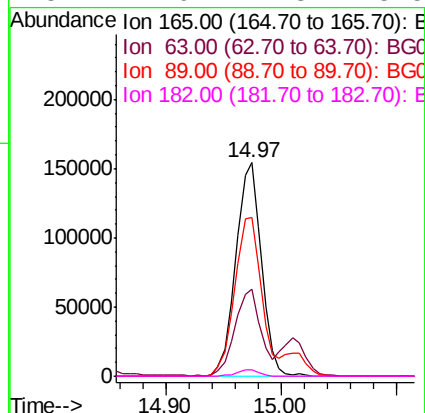
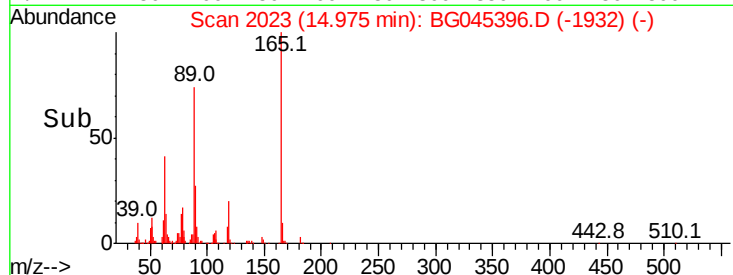
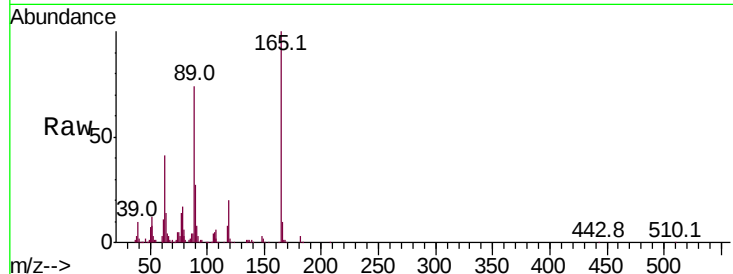




#57
2,4-Dinitrotoluene
Concen: 50.030 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

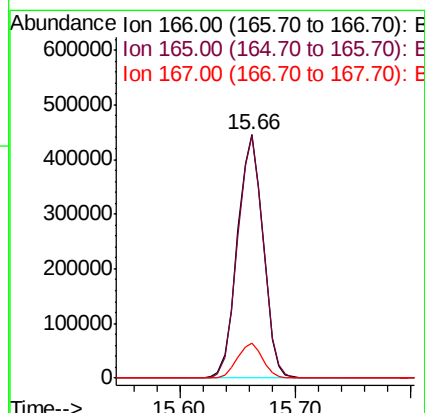
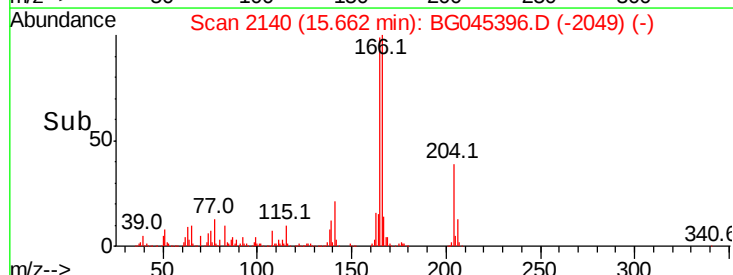
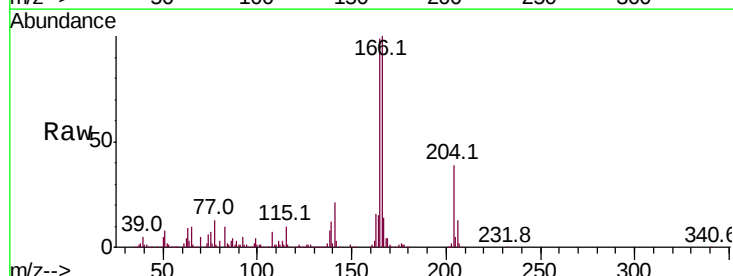
Instrument :
BNA_G
ClientSampleId :
SSTDIC060

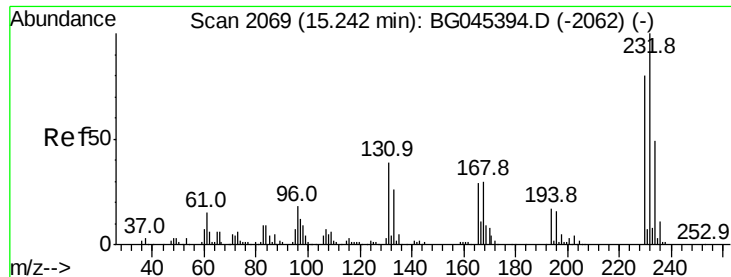
Tot Ion:165 Resp: 236842
Ion Ratio Lower Upper
165 100
63 40.7 32.5 48.7
89 74.5 61.8 92.6
182 2.9 2.3 3.5



#58
Fluorene
Concen: 50.634 ng
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:166 Resp: 686460
Ion Ratio Lower Upper
166 100
165 99.4 80.8 121.2
167 14.2 12.0 18.0

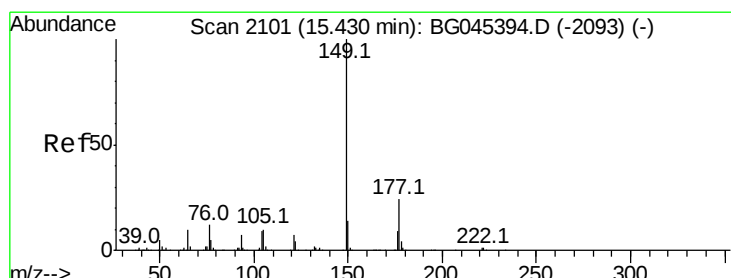
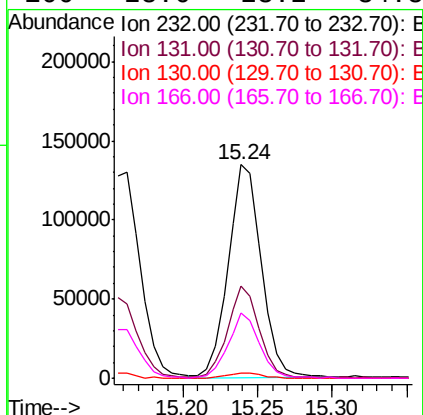
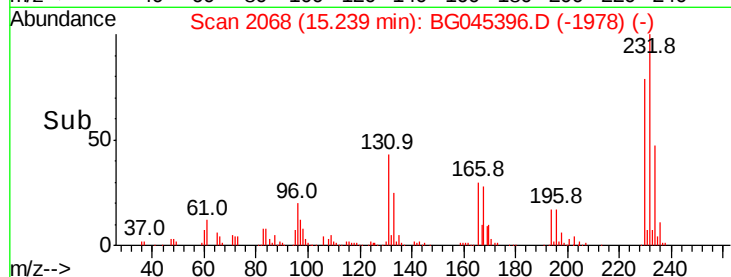
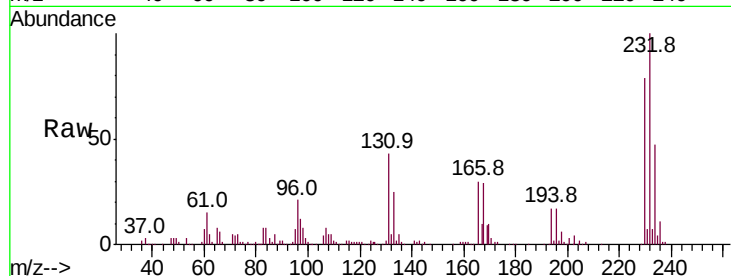




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.822 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: BG045396.D
 Acq: 15 May 2020 13:46

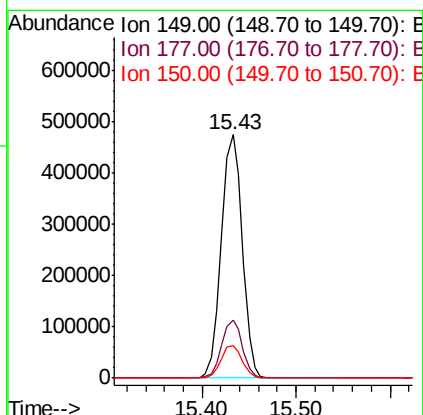
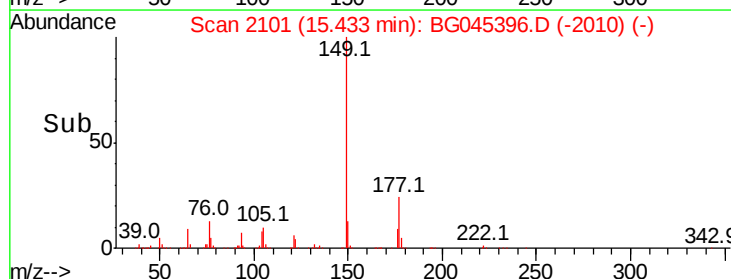
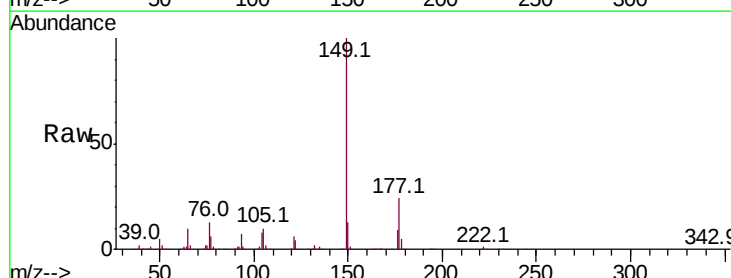
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

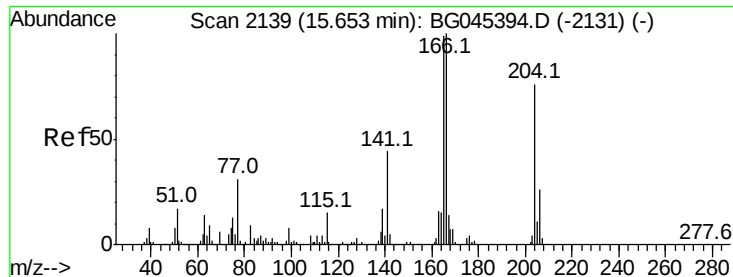
Tot Ion:	232	Resp:	208042
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.7	50.5
130	2.7	2.1	3.1
166	28.6	23.2	34.8



#60
 Diethylphthalate
 Concen: 49.028 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG045396.D
 Acq: 15 May 2020 13:46

Tgt Ion:	149	Resp:	740314
Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.0	28.4
150	13.2	11.4	17.0

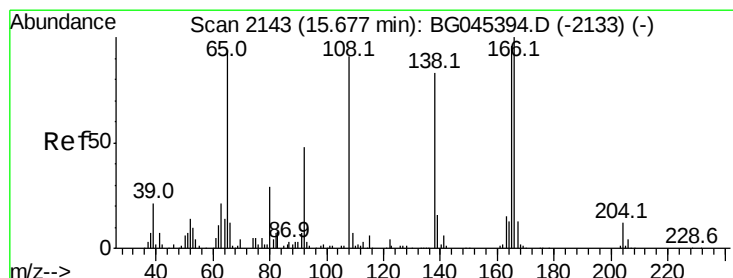
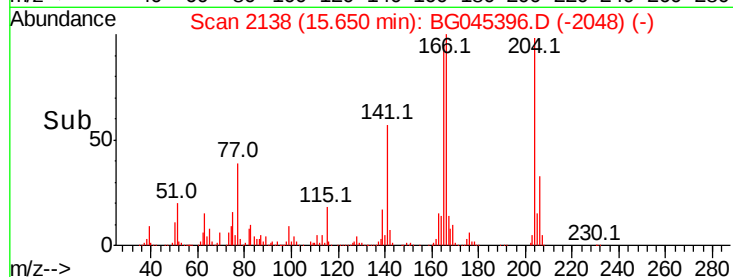
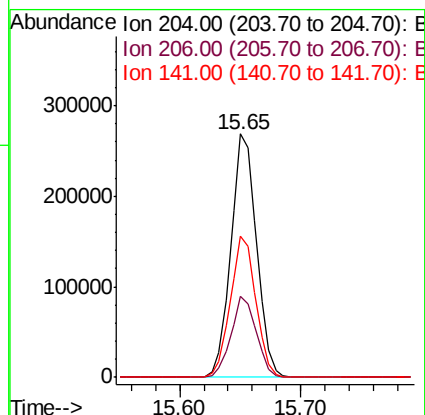
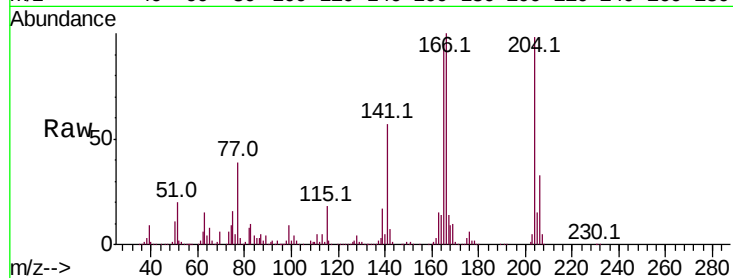




#61
4-Chlorophenyl-phenylether
Concen: 50.873 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

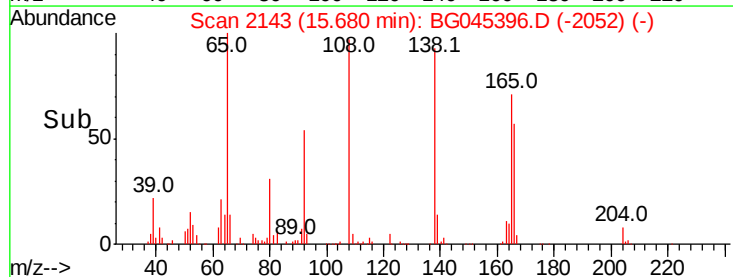
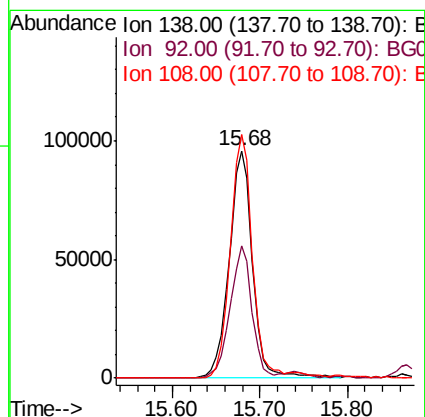
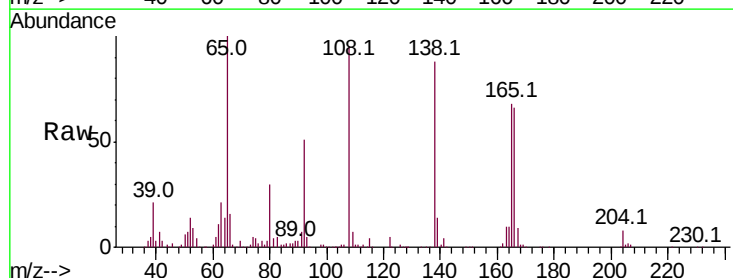
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

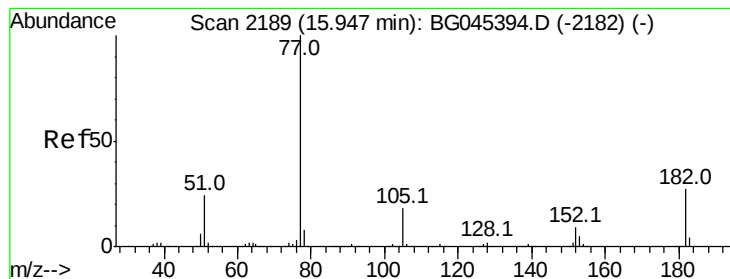
Tot Ion:204 Resp: 396978
Ion Ratio Lower Upper
204 100
206 33.5 27.3 40.9
141 58.1 45.9 68.9



#62
4-Nitroaniline
Concen: 47.444 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:138 Resp: 174830
Ion Ratio Lower Upper
138 100
92 58.3 38.0 78.0
108 107.2 89.3 129.3





#63

Azobenzene

Concen: 50.346 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tot Ion: 77 Resp: 700881

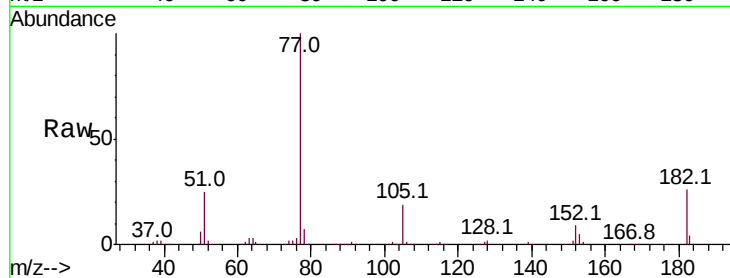
Ion Ratio Lower Upper

77 100

182 25.9 6.5 46.5

105 18.8 0.0 37.9

51 25.1 4.1 44.1

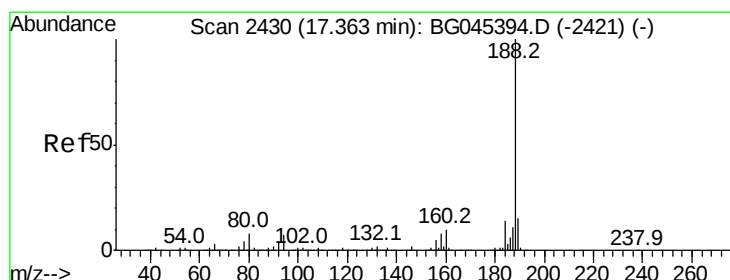
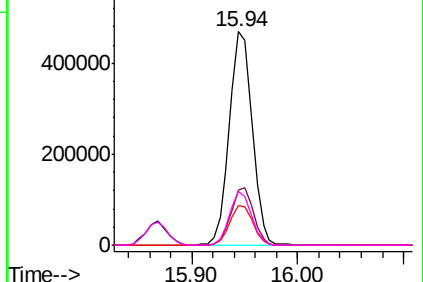
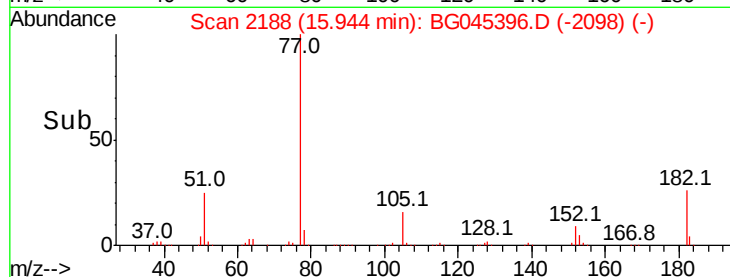


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

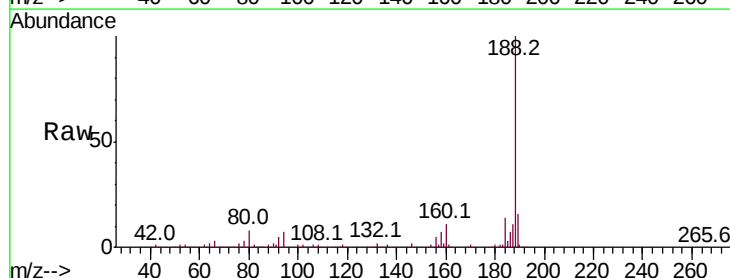
Tgt Ion: 188 Resp: 423172

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

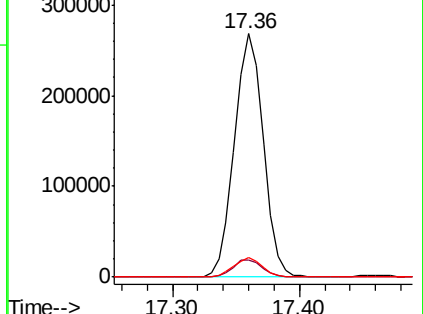
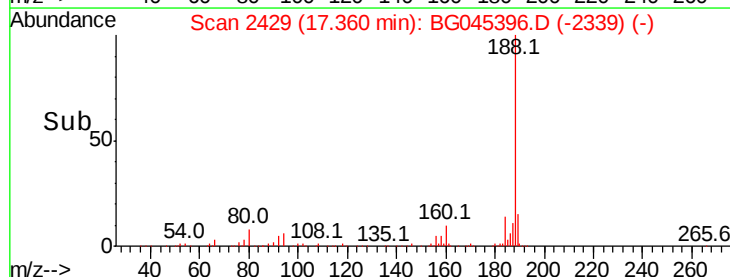
80 8.0 6.6 10.0

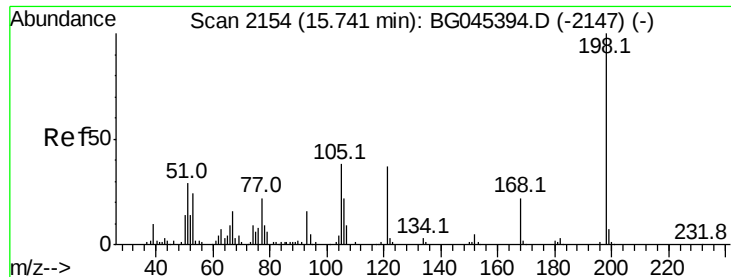


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 54.365 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

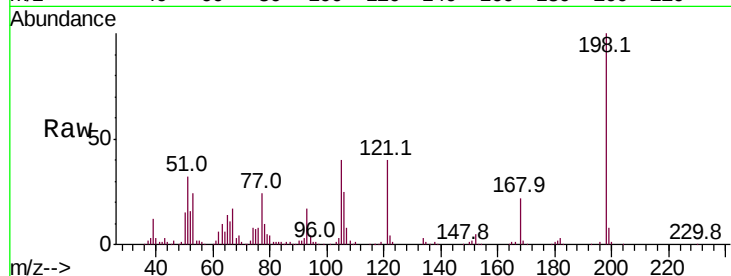
Tot Ion:198 Resp: 151219

Ion Ratio Lower Upper

198 100

51 32.0 10.0 50.0

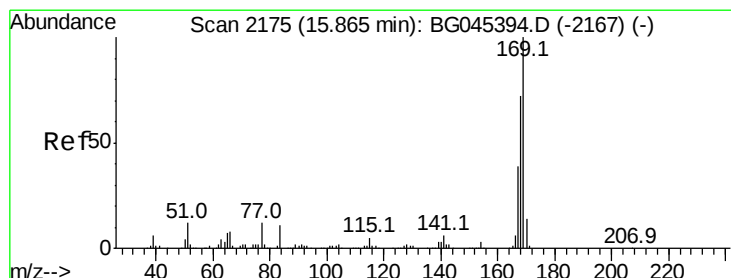
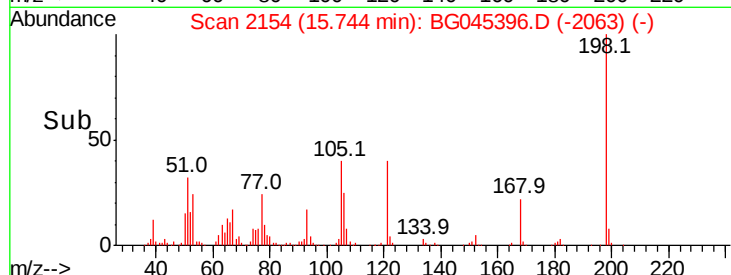
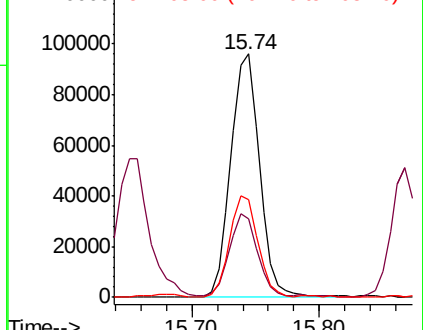
105 40.3 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.906 ng

RT: 15.87 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

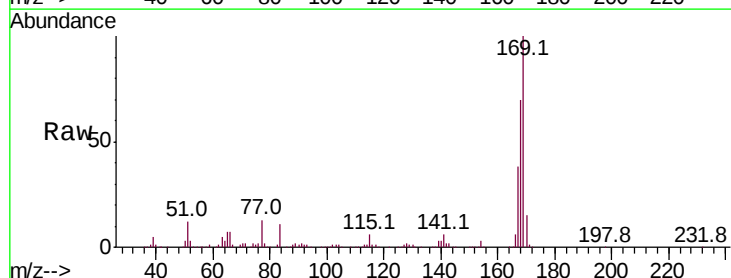
Tgt Ion:169 Resp: 606785

Ion Ratio Lower Upper

169 100

168 70.1 57.8 86.6

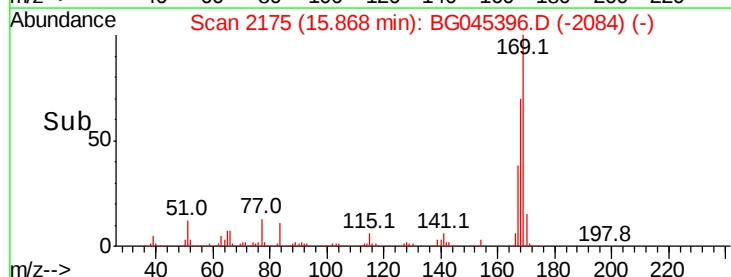
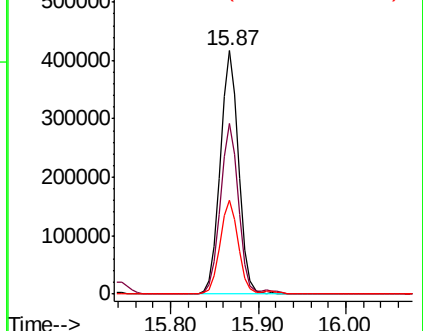
167 38.5 31.5 47.3

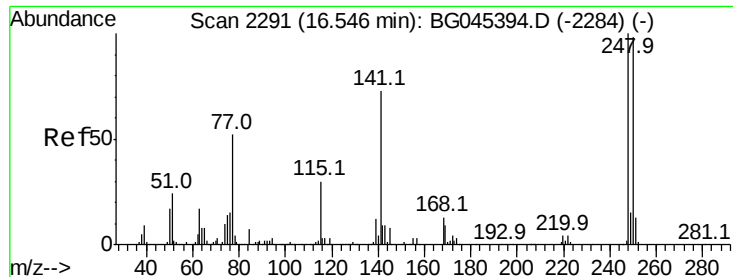


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

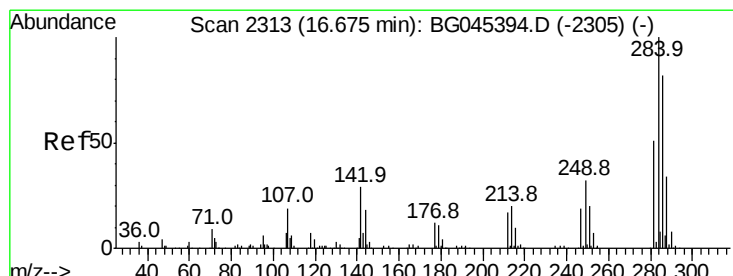
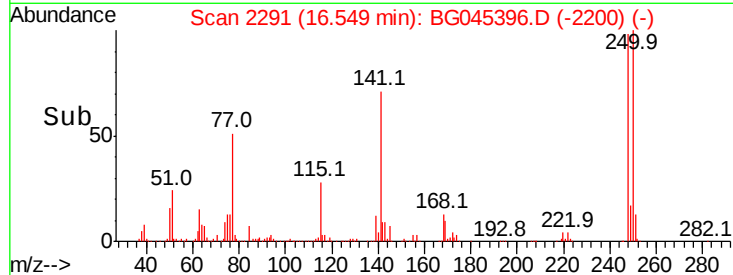
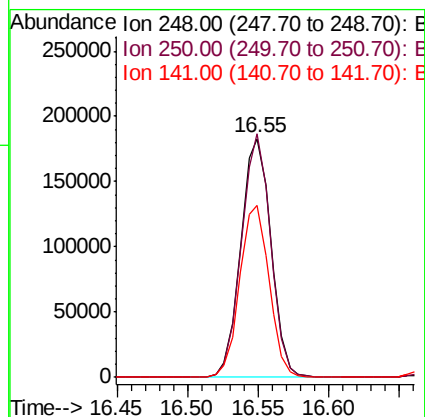
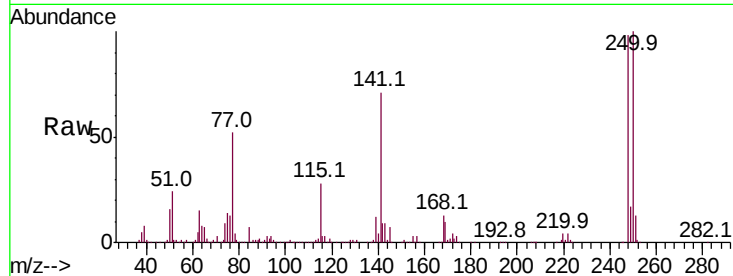




#67
4-Bromophenyl-phenylether
Concen: 50.137 ng
RT: 16.55 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

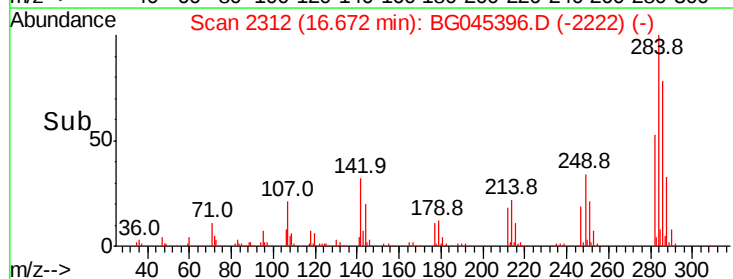
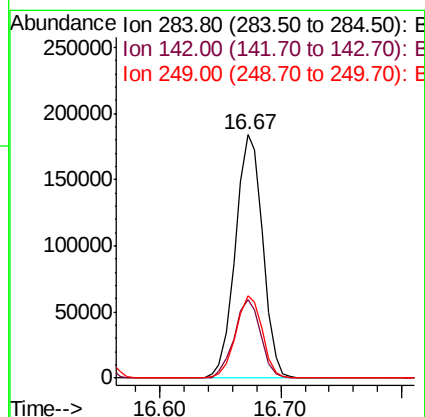
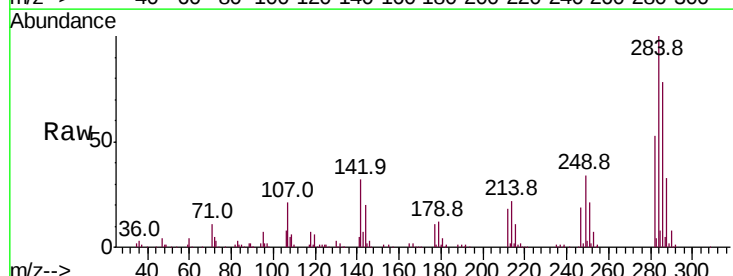
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

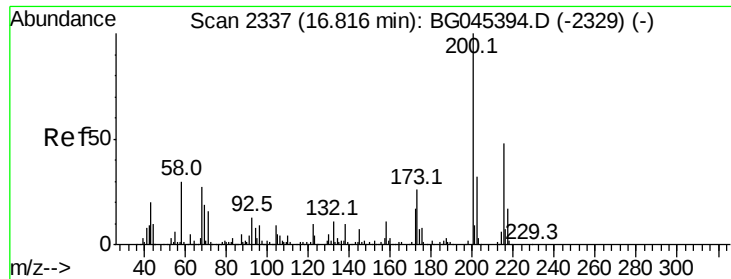
Tot Ion	Ratio	Lower	Upper
248	100		
250	101.9	78.6	117.8
141	72.1	58.2	87.2



#68
Hexachlorobenzene
Concen: 51.157 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	23.0	34.6
249	33.7	25.8	38.6





#69

Atrazine

Concen: 50.551 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

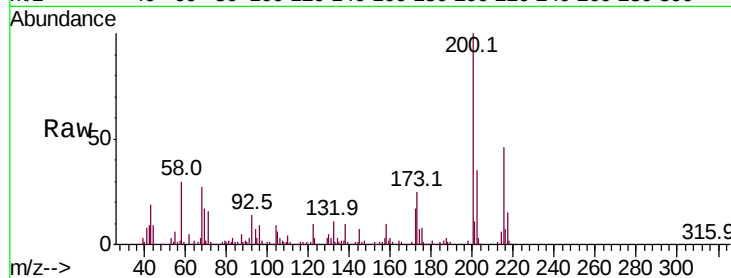
Tot Ion:200 Resp: 245665

Ion Ratio Lower Upper

200 100

173 24.9 5.5 45.5

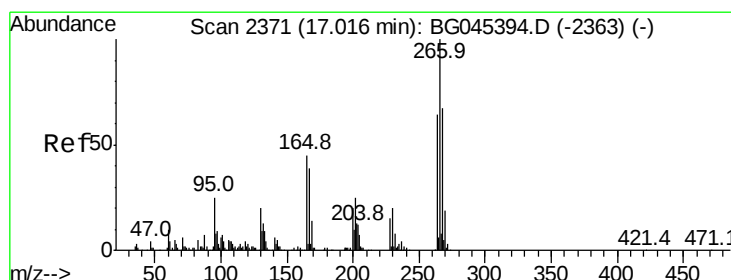
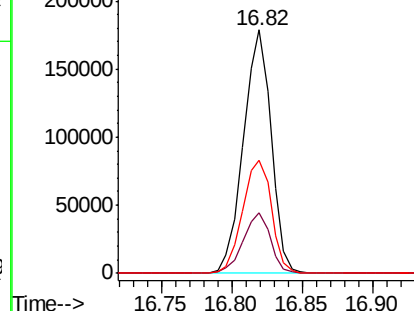
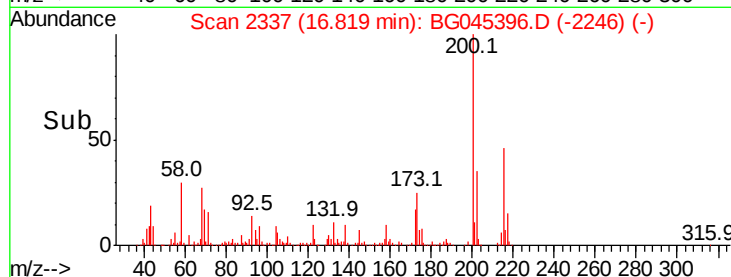
215 46.4 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 45.841 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

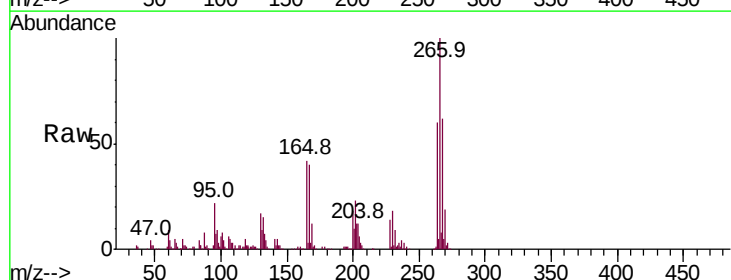
Tgt Ion:266 Resp: 159224

Ion Ratio Lower Upper

266 100

268 61.7 53.2 79.8

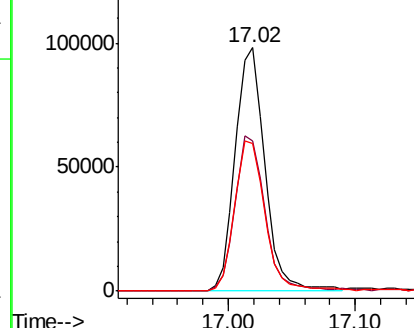
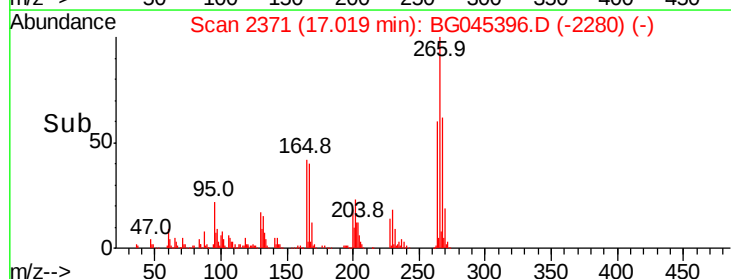
264 60.5 51.0 76.4

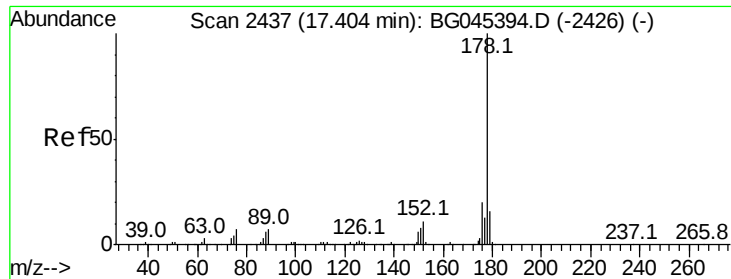


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

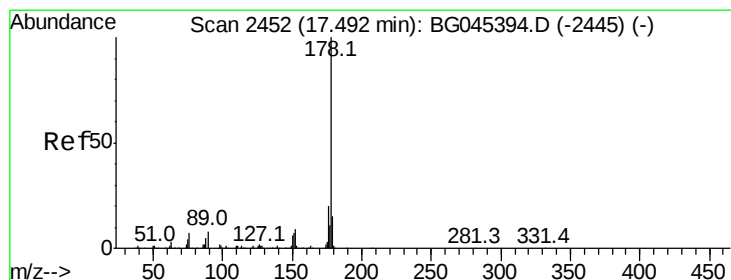
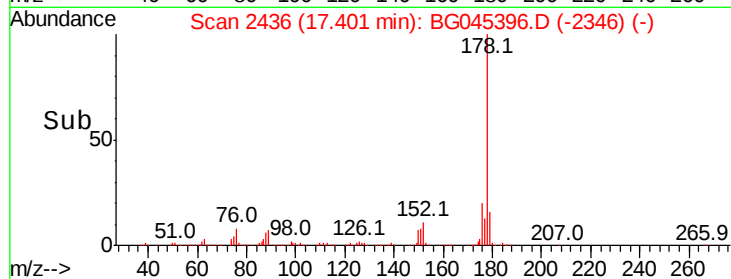
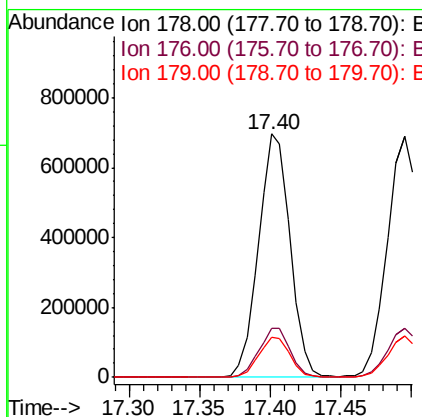
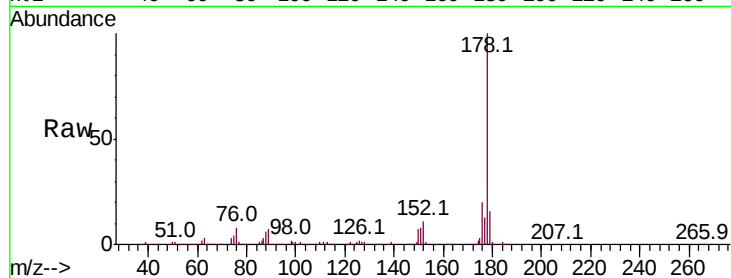




#71
Phenanthrene
Concen: 50.339 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

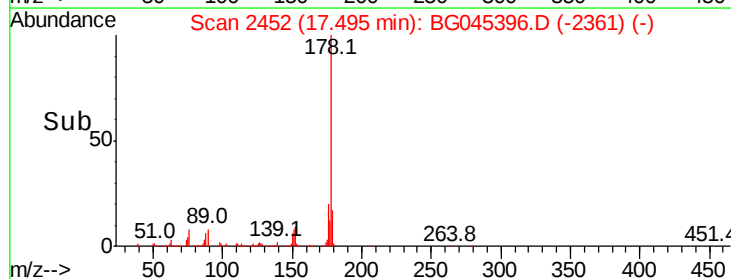
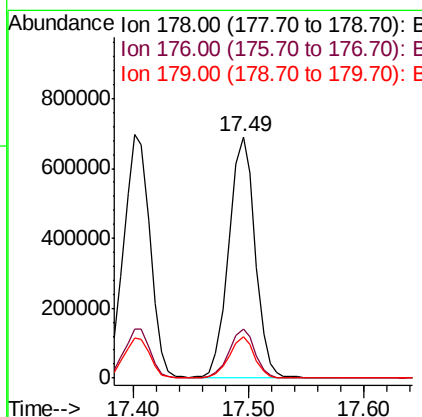
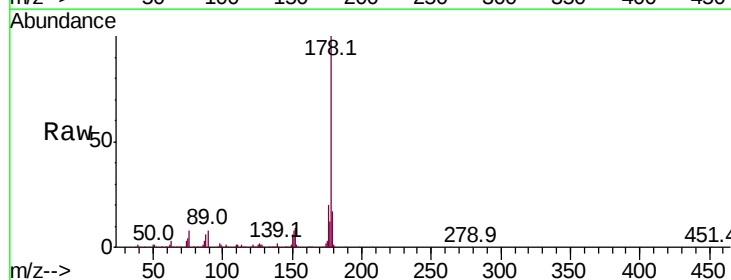
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

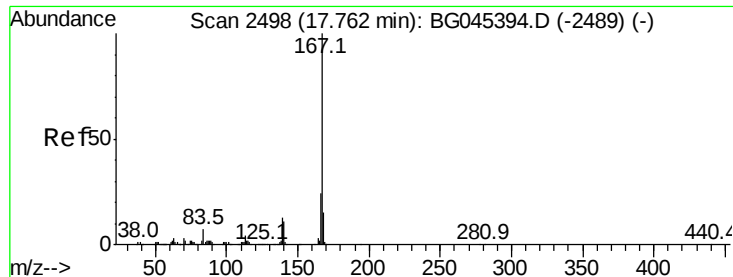
Tot Ion:178 Resp: 1094662
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.4 13.1 19.7



#72
Anthracene
Concen: 49.999 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG045396.D
Acq: 15 May 2020 13:46

Tgt Ion:178 Resp: 1090639
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 17.0 12.2 18.4





#73

Carbazole

Concen: 47.758 ng

RT: 17.76 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

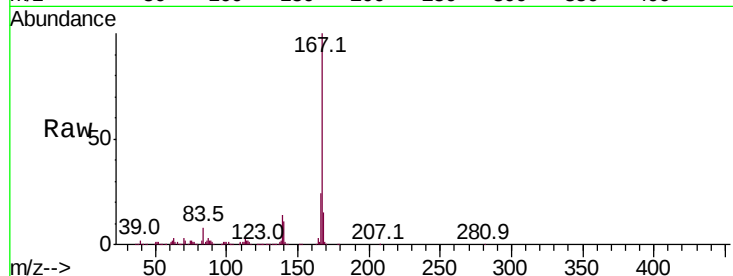
BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:167 Resp: 1057173

Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.2	28.8
139	13.6	10.6	16.0

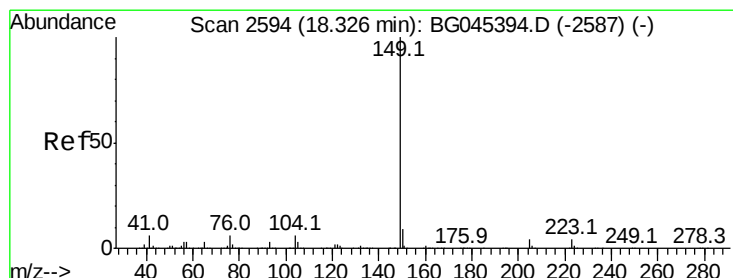
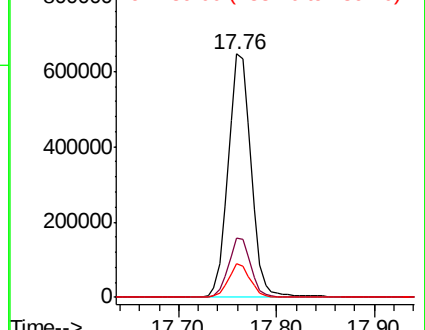
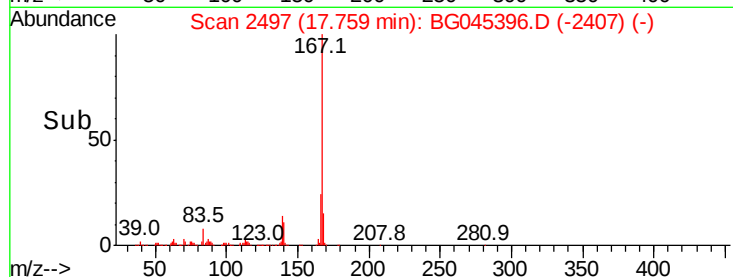


Abundance

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: 48.649 ng

RT: 18.33 min Scan# 2594

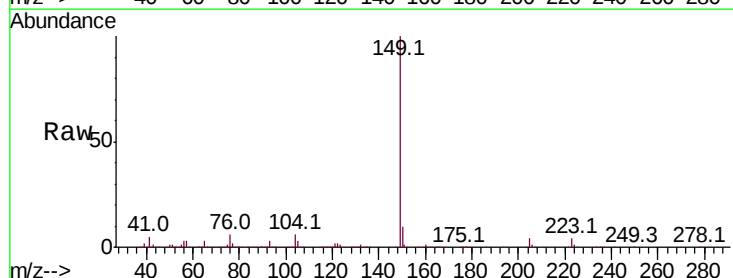
Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Tgt Ion:149 Resp: 1262834

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.6	11.4
104	6.0	5.0	7.4

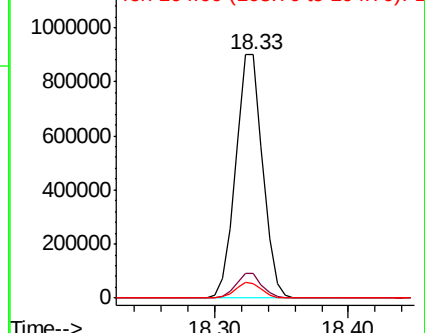
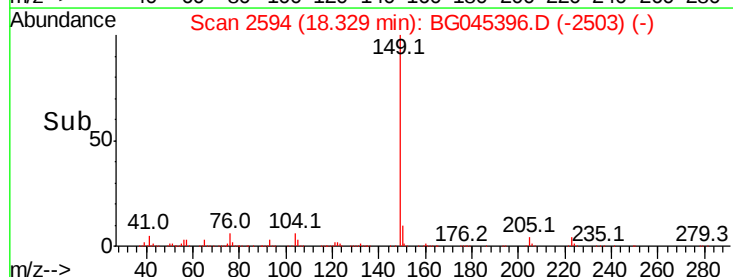


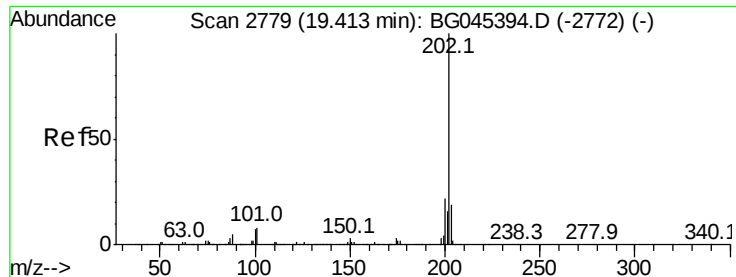
Abundance

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: 49.468 ng

RT: 19.42 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

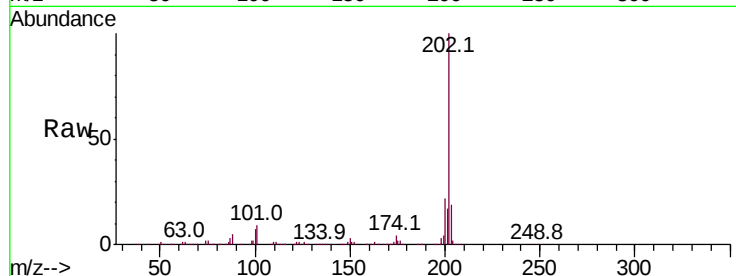
Tot Ion:202 Resp: 1365402

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.3
203	19.5	0.0	39.0

202 100

101 8.7 0.0 28.3

203 19.5 0.0 39.0

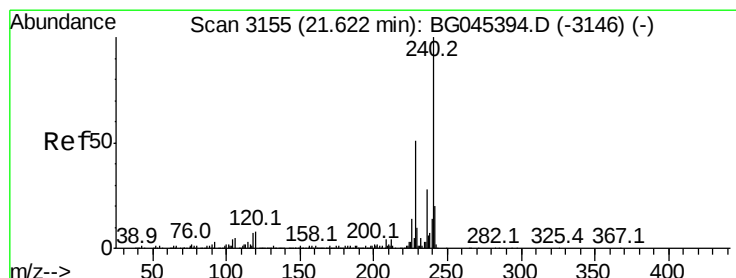
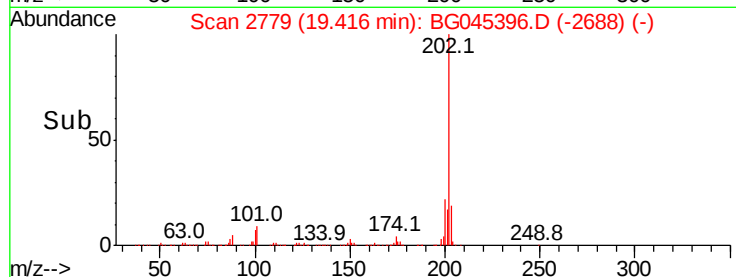
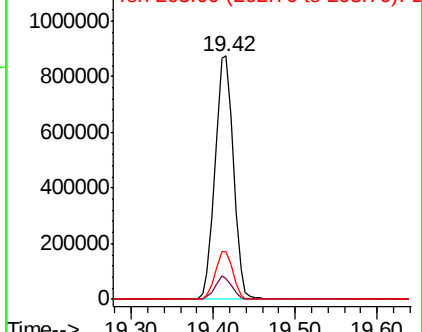


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

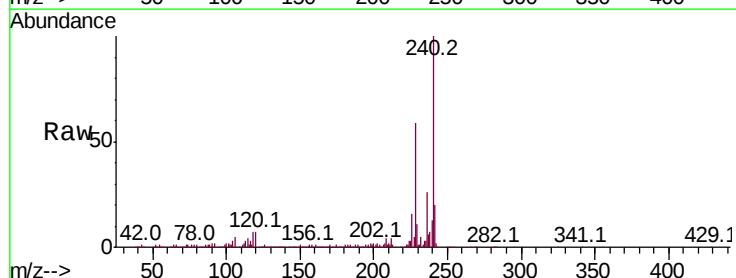
Tgt Ion:240 Resp: 398478

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.1	9.1
236	26.2	22.3	33.5

240 100

120 6.8 6.1 9.1

236 26.2 22.3 33.5

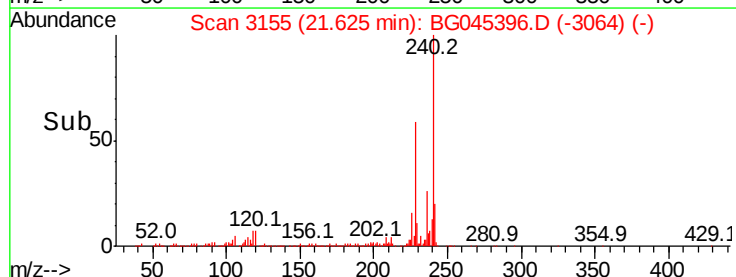
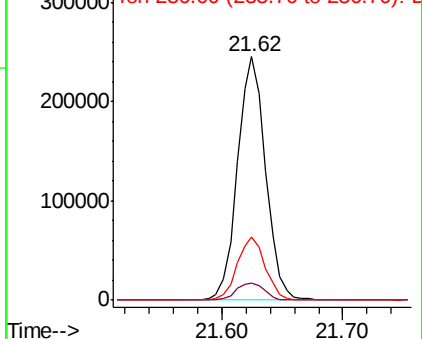


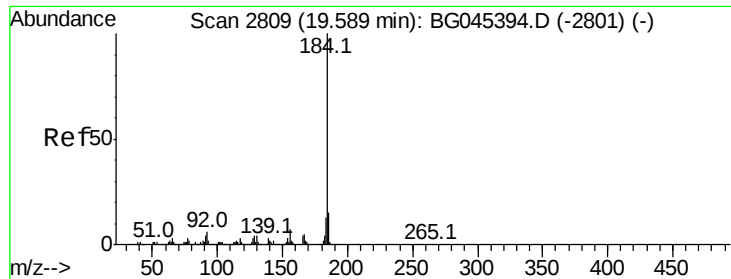
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.574 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

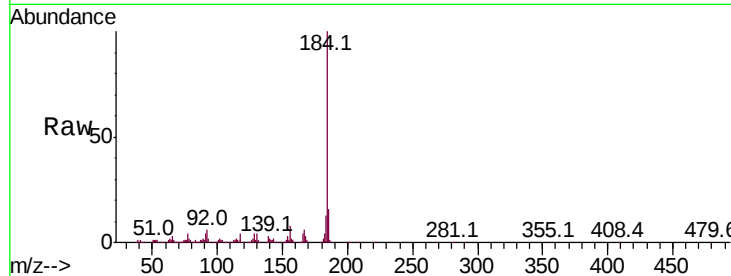
BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:184 Resp: 712660

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.7	17.5
183	13.2	10.2	15.4

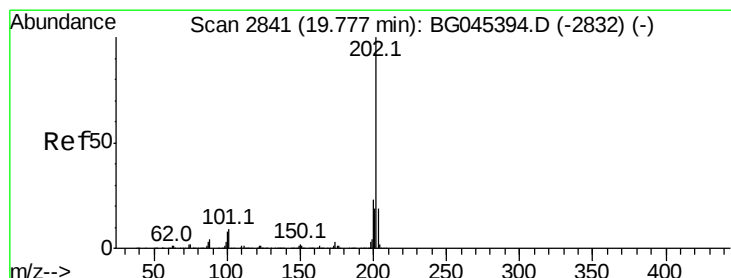
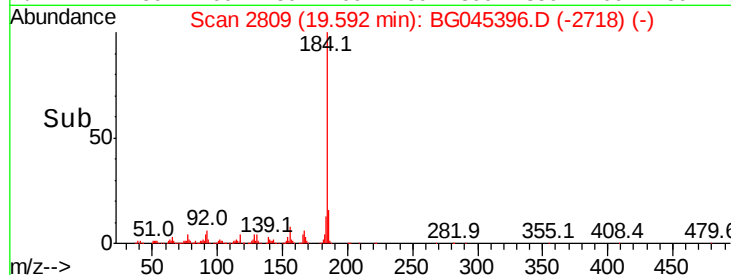
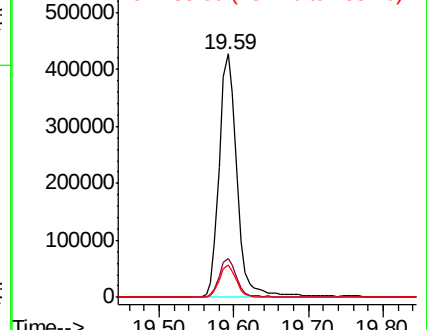


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.509 ng

RT: 19.77 min Scan# 2840

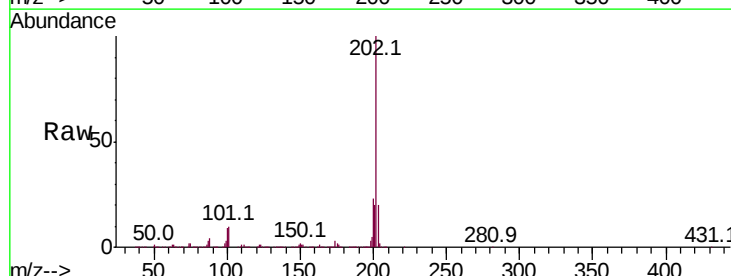
Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Tgt Ion:202 Resp: 1360069

Ion	Ratio	Lower	Upper
202	100		
200	23.4	18.2	27.2
203	19.5	15.1	22.7

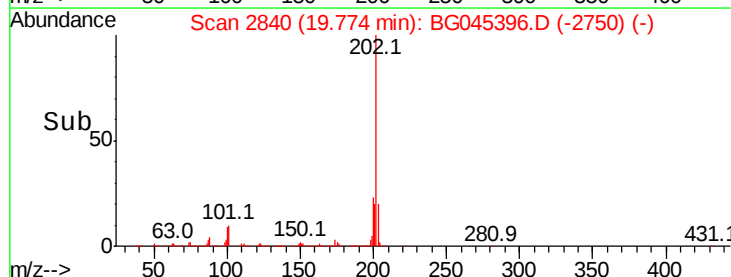
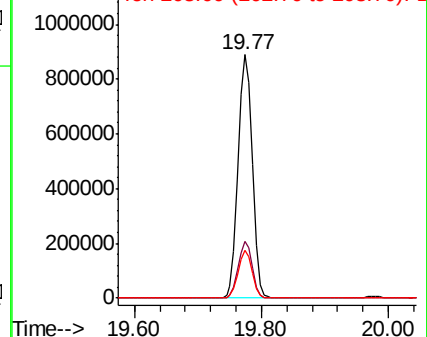


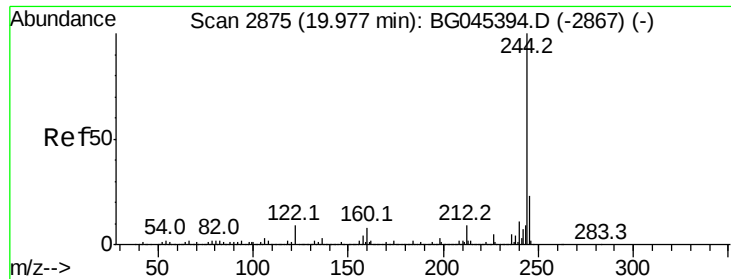
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 110.085 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

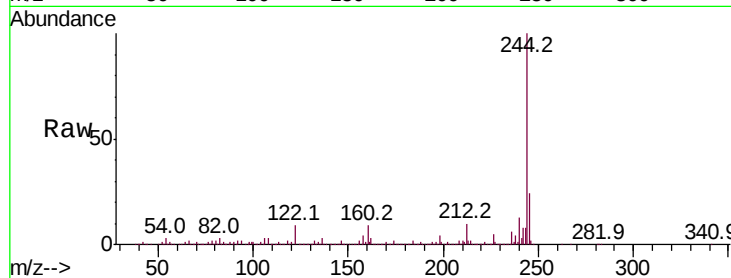
Tot Ion:244 Resp: 2012627

Ion Ratio Lower Upper

244 100

212 9.9 7.4 11.0

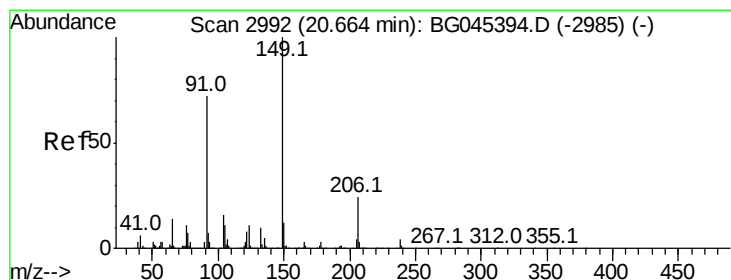
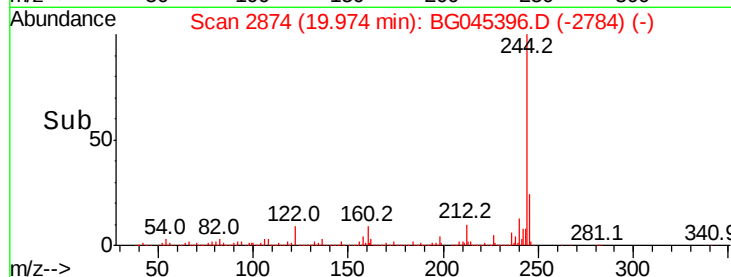
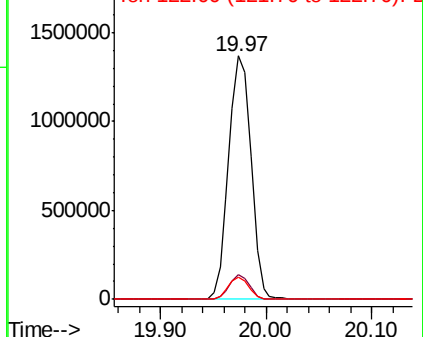
122 9.3 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.616 ng

RT: 20.66 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

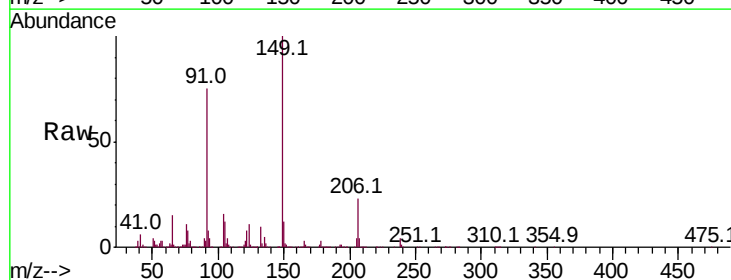
Tgt Ion:149 Resp: 587758

Ion Ratio Lower Upper

149 100

91 74.7 57.8 86.6

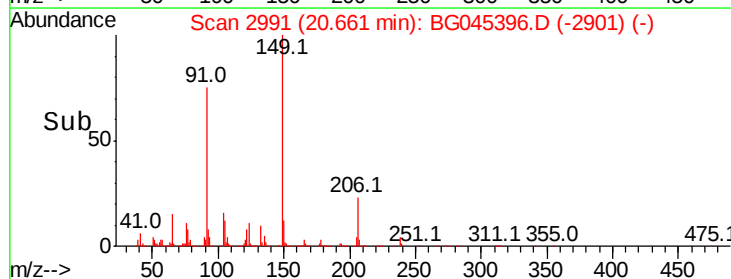
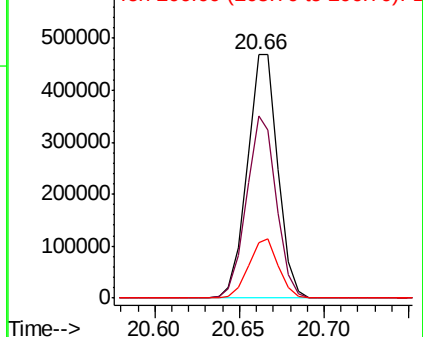
206 23.0 19.1 28.7

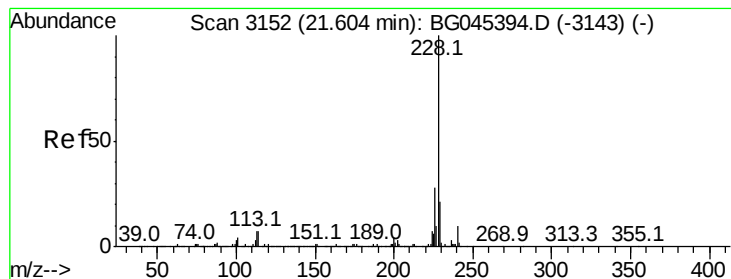


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.124 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

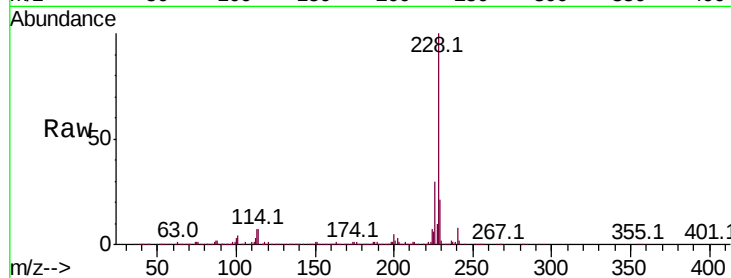
Tot Ion:228 Resp: 1320385

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	21.5	16.7	25.1

228 100

226 29.8 22.7 34.1

229 21.5 16.7 25.1

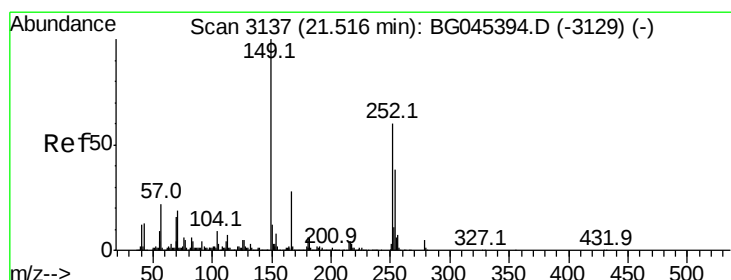
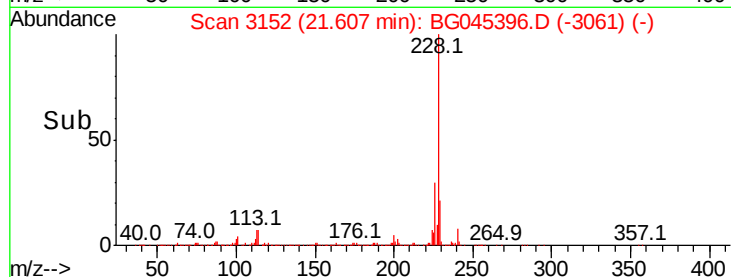
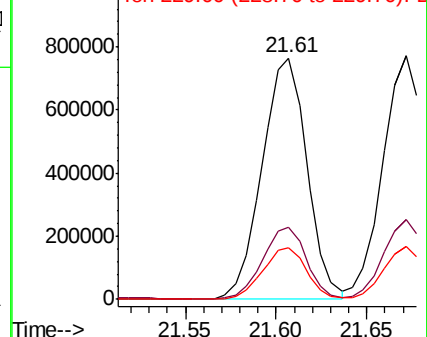


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 51.280 ng

RT: 21.52 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

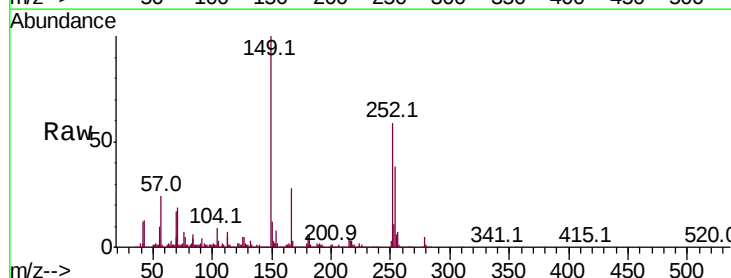
Tgt Ion:252 Resp: 527147

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.3	76.9
126	8.4	6.6	10.0

252 100

254 65.4 51.3 76.9

126 8.4 6.6 10.0

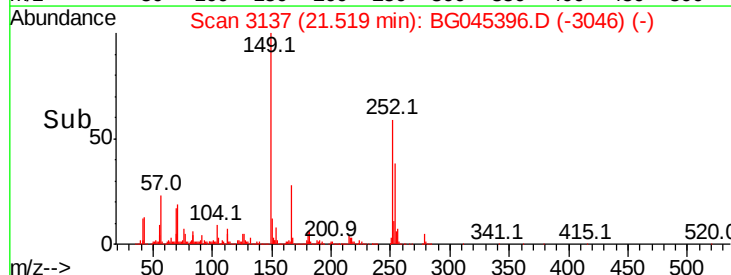
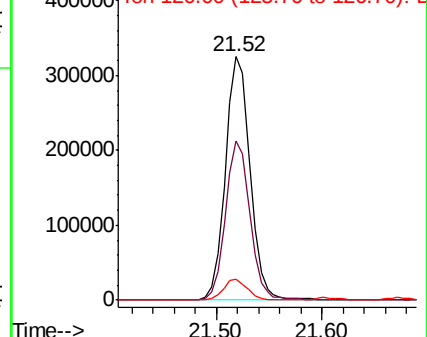


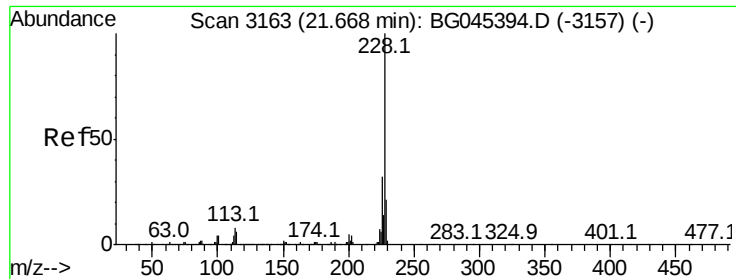
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.257 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

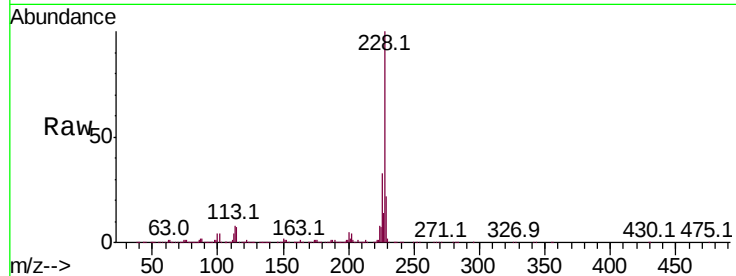
BNA_G

ClientSampleId :

SSTDICC060

Tot Ion:228 Resp: 1271955

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.2	37.8
229	21.8	16.7	25.1

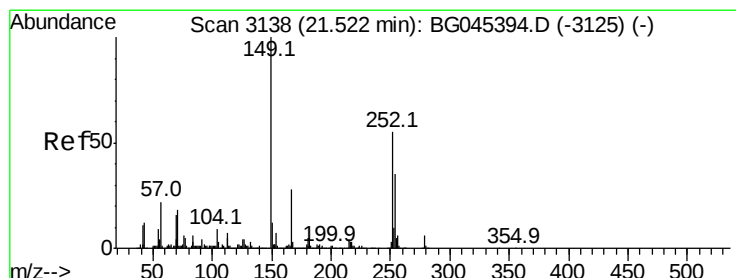
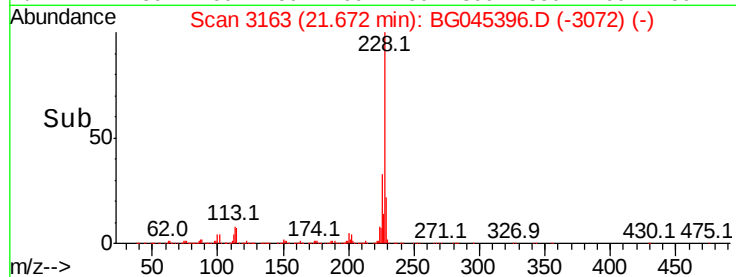
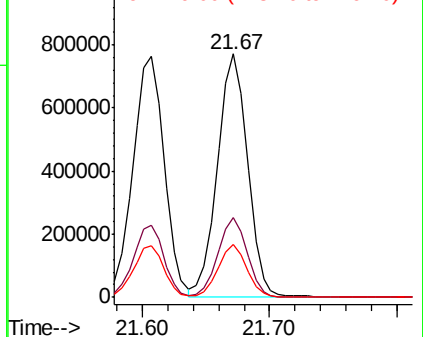


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.804 ng

RT: 21.52 min Scan# 3137

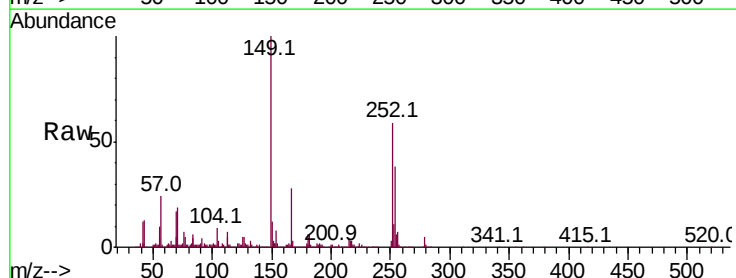
Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Tgt Ion:149 Resp: 811314

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.2
279	5.3	4.7	7.1

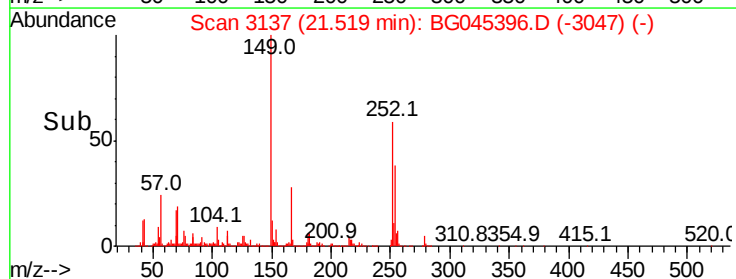
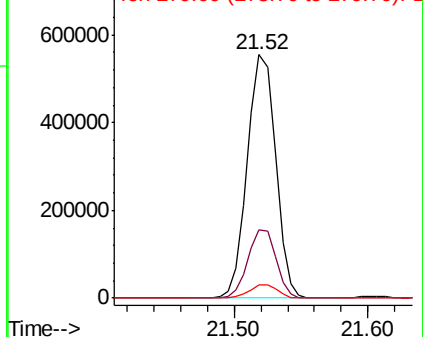


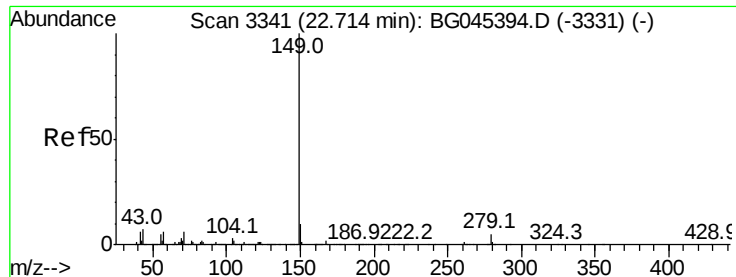
Abundance

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: 52.075 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

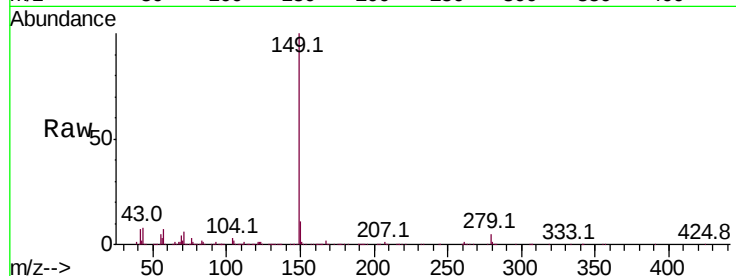
Tot Ion:149 Resp: 1410328

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

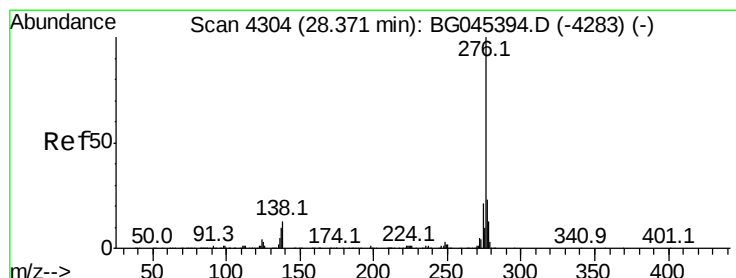
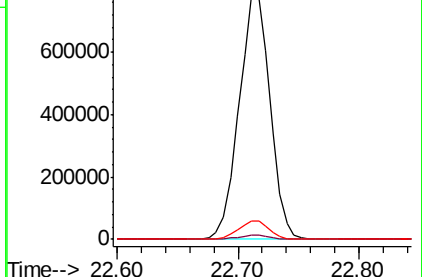
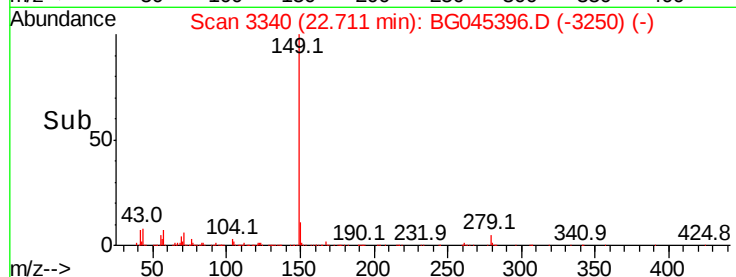
43 7.4 5.8 8.8



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: 52.568 ng

RT: 28.37 min Scan# 4303

Delta R.T. -0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

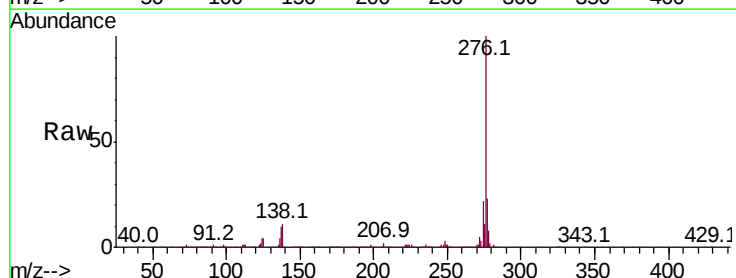
Tgt Ion:276 Resp: 1731928

Ion Ratio Lower Upper

276 100

138 15.5 8.6 12.8#

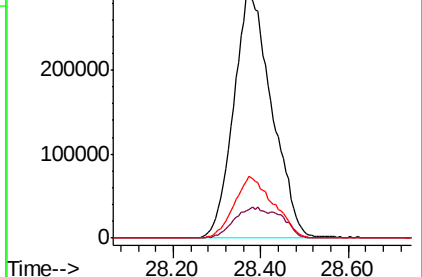
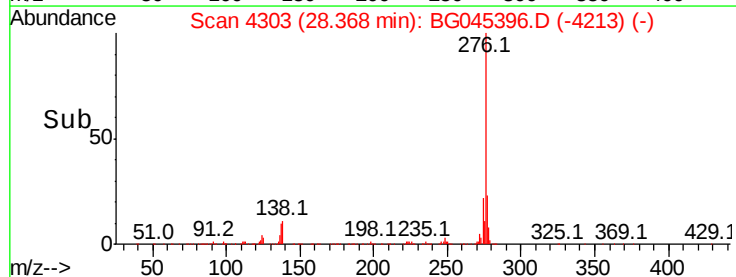
277 25.8 20.2 30.4

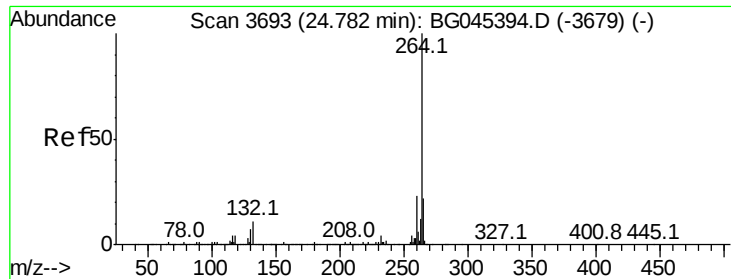


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

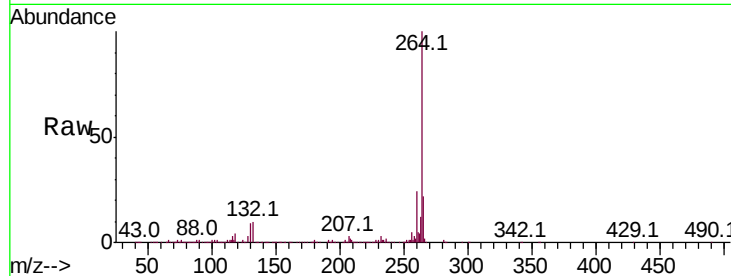
Tot Ion:264 Resp: 459943

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

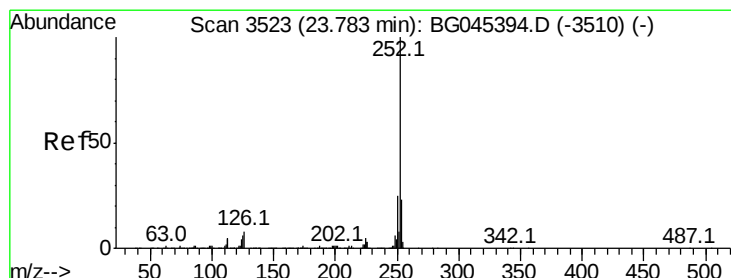
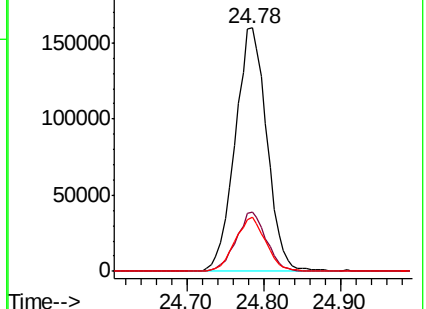
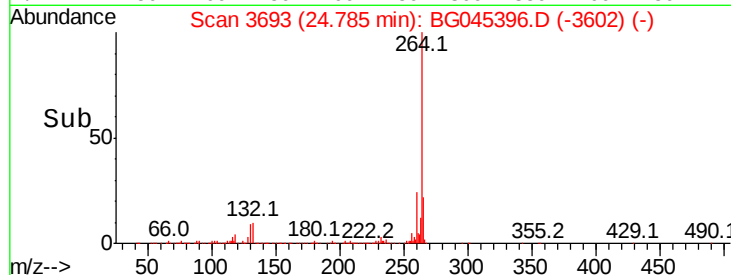
265 22.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.356 ng

RT: 23.79 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

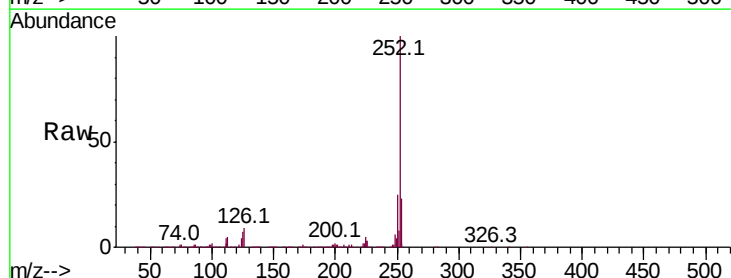
Tgt Ion:252 Resp: 1479612

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

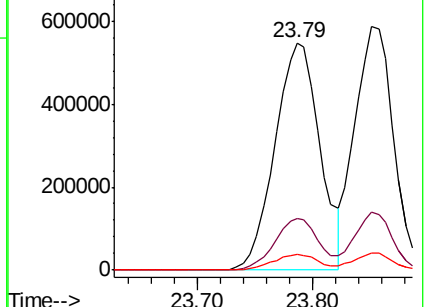
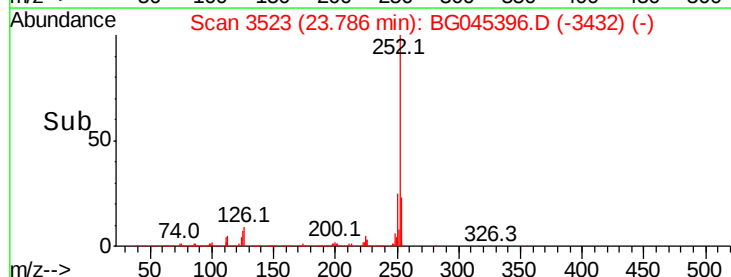
125 6.9 5.0 7.6

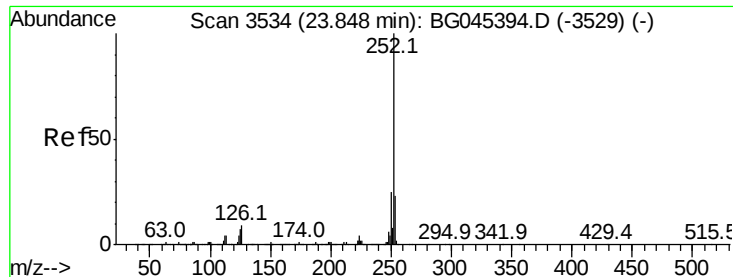


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.903 ng

RT: 23.85 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

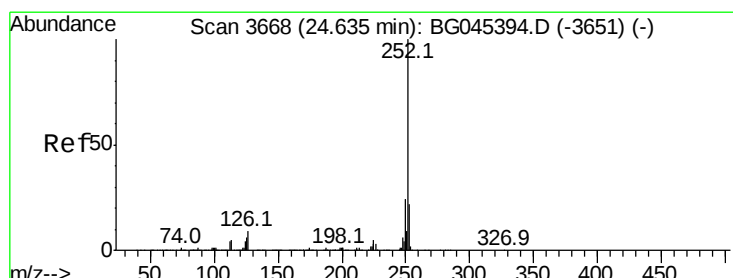
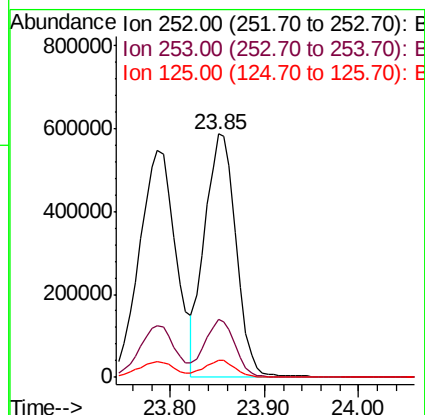
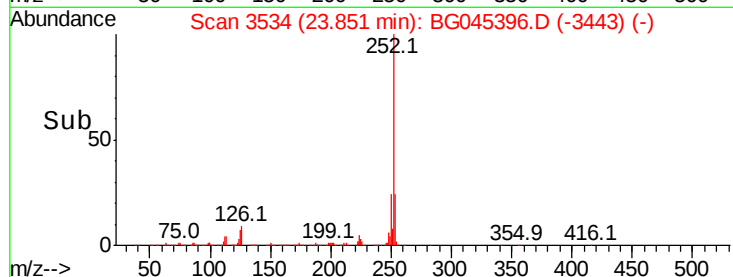
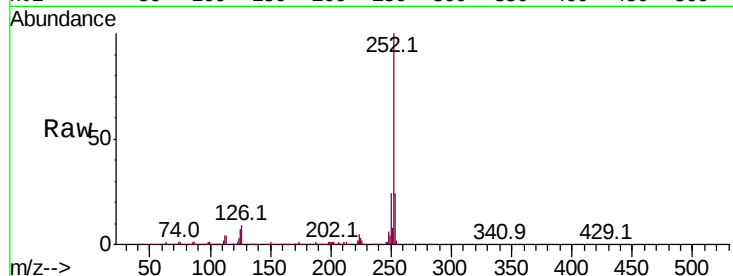
Tot Ion:252 Resp: 1367274

Ion Ratio Lower Upper

252 100

253 23.7 18.4 27.6

125 6.8 5.7 8.5



#90

Benzo(a)pyrene

Concen: 50.418 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

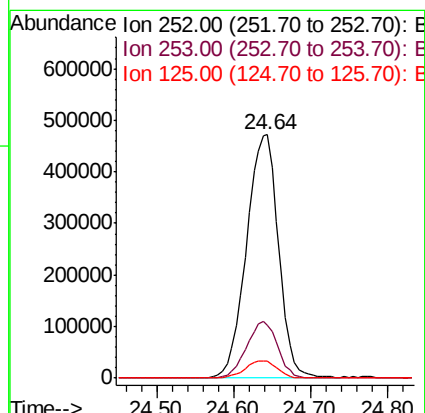
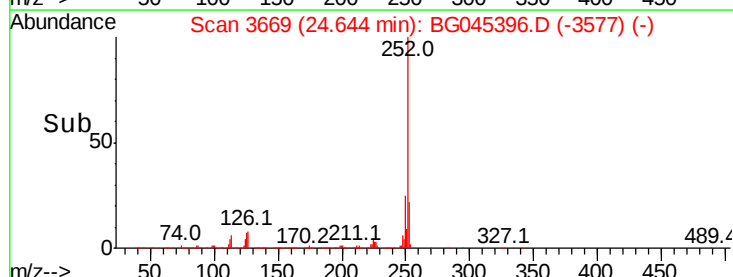
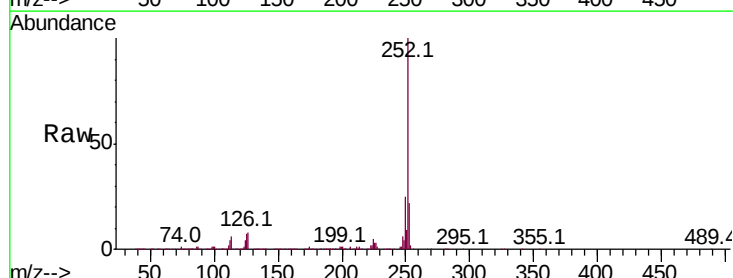
Tgt Ion:252 Resp: 1371452

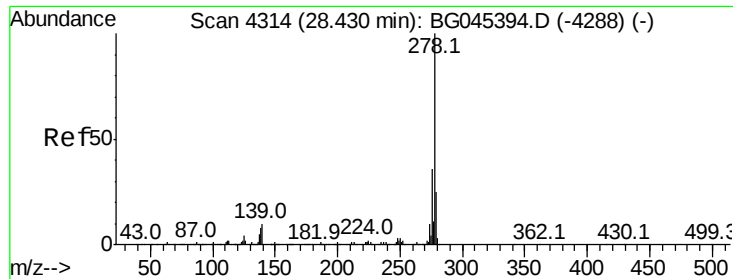
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 7.1 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 50.160 ng

RT: 28.44 min Scan# 4315

Delta R.T. 0.01 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Instrument :

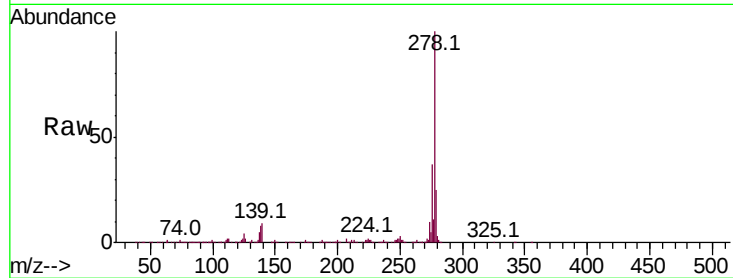
BNA_G

ClientSampleId :

SSTDIC060

Tot Ion:278 Resp: 1374882

Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.8	11.8
279	24.7	19.8	29.8

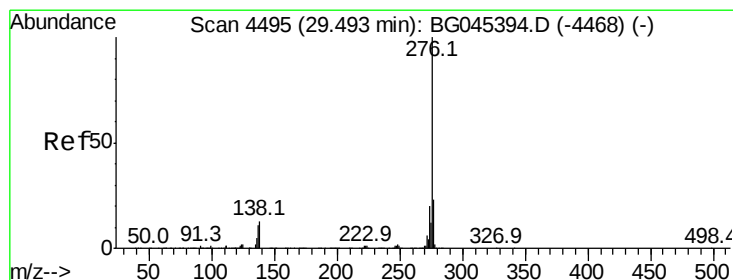
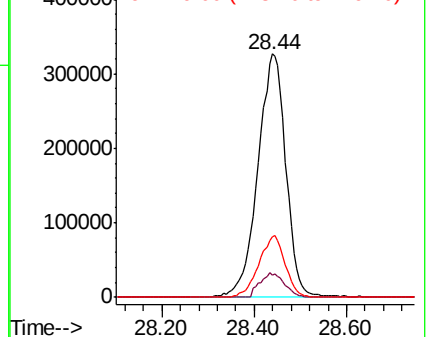
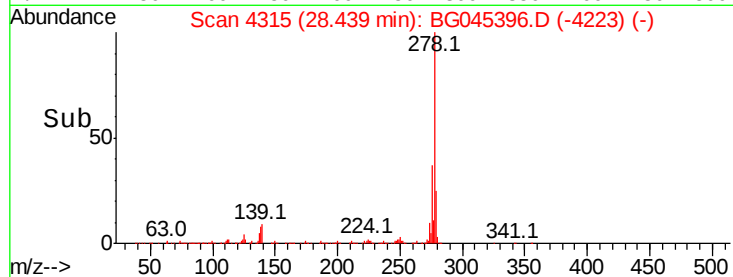


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.315 ng

RT: 29.50 min Scan# 4496

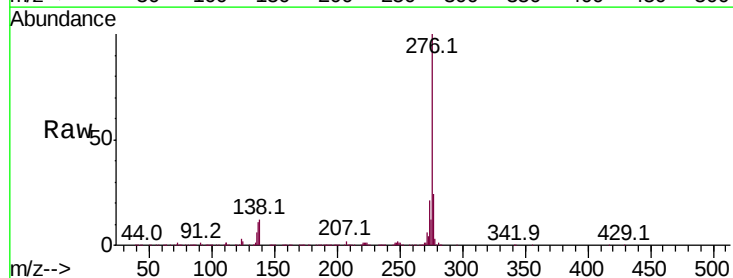
Delta R.T. 0.01 min

Lab File: BG045396.D

Acq: 15 May 2020 13:46

Tgt Ion:276 Resp: 1382635

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.1	27.1
138	12.0	10.2	15.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

