

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
 Data File : BG046447.D
 Acq On : 25 Aug 2020 14:07
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Quant Time: Aug 25 15:39:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 15:31:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75483	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	302401	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	215159	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	540688	20.00	ng	0.00
76) Chrysene-d12	21.56	240	575451	20.00	ng	0.00
86) Perylene-d12	24.66	264	575021	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	169739	39.09	ng	0.00
7) Phenol-d6	7.10	99	244317	41.29	ng	0.00
23) Nitrobenzene-d5	9.09	82	208581	37.34	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	114862	34.76	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	568371	38.37	ng	0.00
79) Terphenyl-d14	19.92	244	1136544	40.22	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	34773	17.594	ng	98
3) Pyridine	3.82	79	103062	18.943	ng	98
4) n-Nitrosodimethylamine	3.73	42	37733	16.295	ng	96
6) Aniline	7.26	93	135530	19.240	ng	99
8) 2-Chlorophenol	7.50	128	88979	18.540	ng	97
9) Benzaldehyde	7.07	77	71430	20.341	ng	98
10) Phenol	7.13	94	110595	18.600	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	88572	18.728	ng	100
12) 1,3-Dichlorobenzene	7.83	146	114396	19.665	ng	99
13) 1,4-Dichlorobenzene	7.97	146	113562	19.441	ng	99
14) 1,2-Dichlorobenzene	8.29	146	109579	19.891	ng	98
15) Benzyl Alcohol	8.17	79	76016	18.594	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	138314	17.838	ng	99
17) 2-Methylphenol	8.38	107	77848	19.394	ng	98
18) Hexachloroethane	9.02	117	38003	19.453	ng	99
19) n-Nitroso-di-n-propylamine	8.74	70	70322	18.259	ng	99
20) 3+4-Methylphenols	8.71	107	107186	19.509	ng	99
22) Acetophenone	8.75	105	143436	18.482	ng	97
24) Nitrobenzene	9.13	77	100752	16.919	ng	98
25) Isophorone	9.65	82	189993	17.095	ng	98
26) 2-Nitrophenol	9.84	139	53652	19.880	ng	97
27) 2,4-Dimethylphenol	9.91	122	74222	16.904	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	122708	20.306	ng	99
29) 2,4-Dichlorophenol	10.38	162	99292	19.224	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	119157	19.693	ng	96
31) Naphthalene	10.78	128	290228	18.139	ng	99
32) Benzoic acid	10.02	122	35799	13.286	ng	98
33) 4-Chloroaniline	10.89	127	128951	19.722	ng	98
34) Hexachlorobutadiene	11.07	225	75754	18.807	ng	98
35) Caprolactam	11.64	113	37454	22.155	ng	94
36) 4-Chloro-3-methylphenol	12.01	107	97255	19.187	ng	94
37) 2-Methylnaphthalene	12.38	142	228449	18.555	ng	99
38) 1-Methylnaphthalene	12.61	142	218445	18.750	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	138046	17.807	ng	100

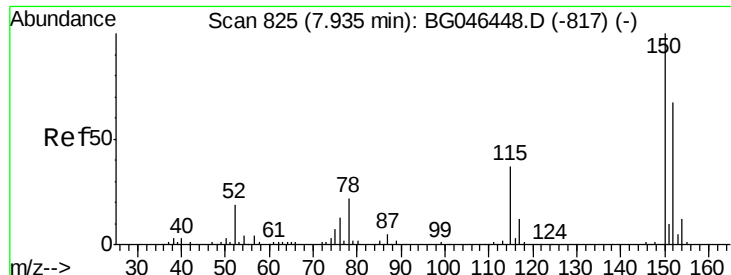
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	57531	12.938	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	92685	18.740	nq	98
44) 2,4,5-Trichlorophenol	13.07	196	96661	17.912	nq	99
46) 1,1'-Biphenyl	13.40	154	291626	17.278	nq	99
47) 2-Chloronaphthalene	13.44	162	246775	18.329	nq	96
48) 2-Nitroaniline	13.64	65	68073	19.289	nq	95
49) Acenaphthylene	14.28	152	383559	18.347	nq	98
50) Dimethylphthalate	14.02	163	329812	19.972	nq	99
51) 2,6-Dinitrotoluene	14.13	165	71085	18.496	nq	97
52) Acenaphthene	14.63	154	233255	16.905	nq	100
53) 3-Nitroaniline	14.46	138	78474	20.596	nq	99
54) 2,4-Dinitrophenol	14.68	184	38245	18.977	nq	93
55) Dibenzofuran	14.96	168	381833	18.340	nq	97
56) 4-Nitrophenol	14.78	139	57532	17.392	nq	92
57) 2,4-Dinitrotoluene	14.92	165	103816	19.647	nq	99
58) Fluorene	15.61	166	322709	19.140	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	94994	18.688	nq	100
60) Diethylphthalate	15.38	149	323921	19.940	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	175873	19.972	nq	98
62) 4-Nitroaniline	15.62	138	83204	21.713	nq	98
63) Azobenzene	15.90	77	262474	17.240	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	58814	16.448	nq	99
66) n-Nitrosodiphenylamine	15.82	169	284343	17.373	nq	100
67) 4-Bromophenyl-phenylether	16.50	248	120534	18.045	nq	97
68) Hexachlorobenzene	16.62	284	133916	17.879	nq	98
69) Atrazine	16.77	200	119368	18.940	nq	99
70) Pentachlorophenol	16.97	266	71661	14.745	nq	98
71) Phenanthrene	17.35	178	546454	18.450	nq	98
72) Anthracene	17.44	178	541088	18.367	nq	98
73) Carbazole	17.71	167	513616	18.080	nq	98
74) Di-n-butylphthalate	18.27	149	597185	20.111	nq	99
75) Fluoranthene	19.36	202	727407	19.672	nq	97
77) Benzidine	19.54	184	241185	14.797	nq	98
78) Pyrene	19.72	202	741709	19.183	nq	97
80) Butylbenzylphthalate	20.61	149	281972	20.132	nq	97
81) Benzo(a)anthracene	21.54	228	719154	18.675	nq	98
82) 3,3'-Dichlorobenzidine	21.45	252	267456	16.725	nq	99
83) Chrysene	21.60	228	690138	18.294	nq	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	390129	19.483	nq	99
85) Di-n-octyl phthalate	22.63	149	661500	19.511	nq	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	812701	18.532	nq	99
88) Benzo(b)fluoranthene	23.68	252	713918	18.527	nq	98
89) Benzo(k)fluoranthene	23.74	252	689810	18.251	nq	99
90) Benzo(a)pyrene	24.52	252	660099	18.410	nq	99
91) Dibenzo(a,h)anthracene	28.23	278	655934	17.892	nq	98
92) Benzo(g,h,i)perylene	29.27	276	650122	17.559	nq	98

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

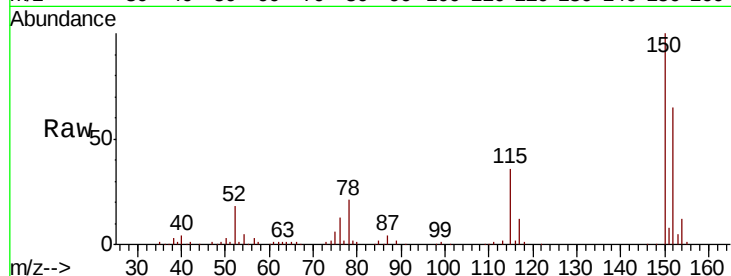


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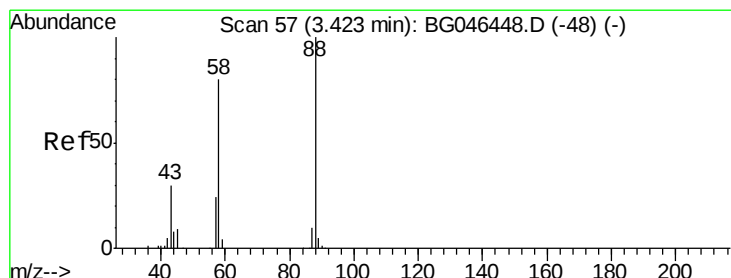
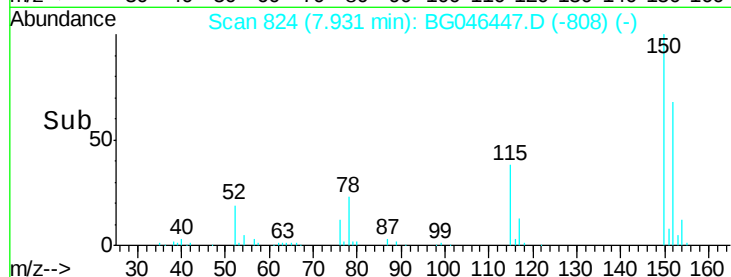
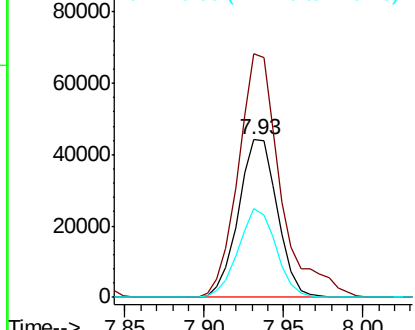
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion:152 Resp: 75483
Ion Ratio Lower Upper
152 100
150 154.4 119.5 179.3
115 56.0 44.3 66.5



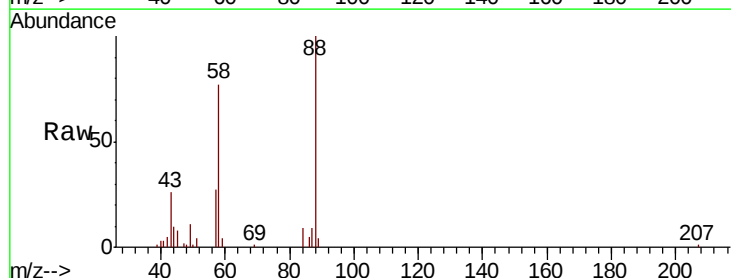
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



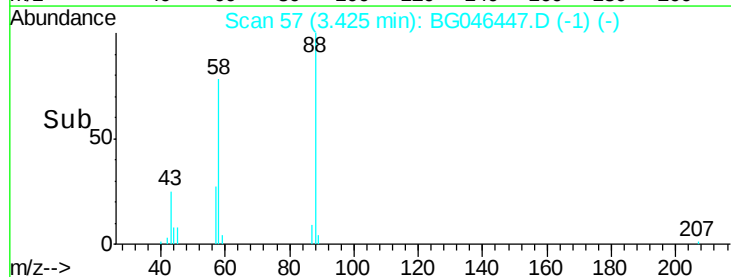
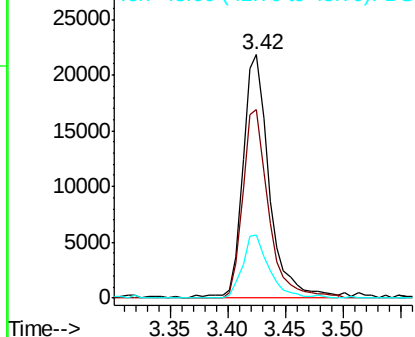
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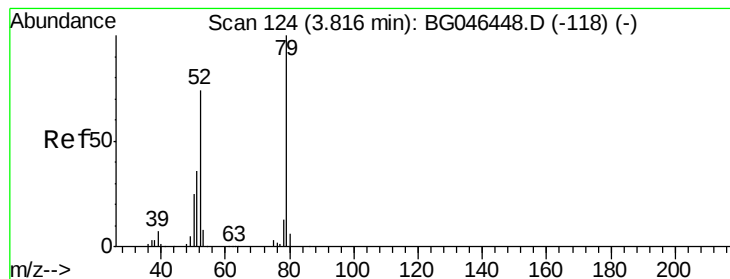
1,4-Dioxane
Concen: 17.594 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion: 88 Resp: 34773
Ion Ratio Lower Upper
88 100
58 75.3 61.4 92.2
43 25.9 21.6 32.4



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: 18.943 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

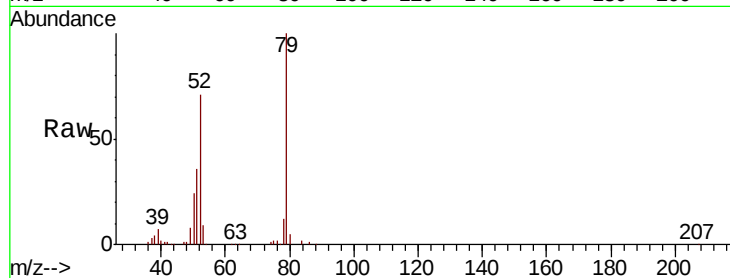
Tot Ion: 79 Resp: 103062

Ion Ratio Lower Upper

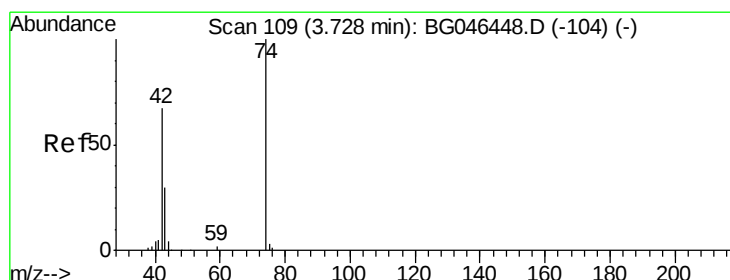
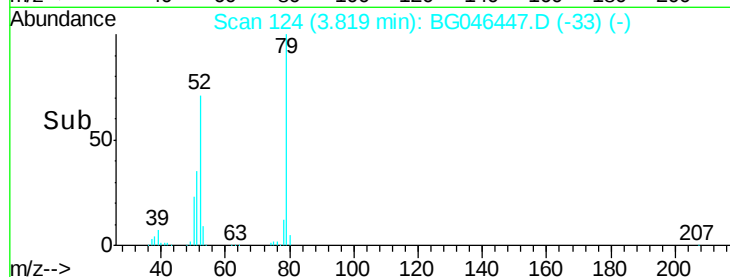
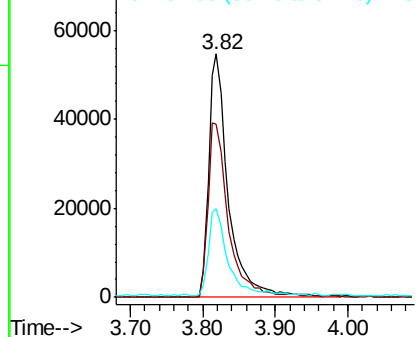
79 100

52 71.1 59.1 88.7

51 36.4 29.0 43.6



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: 16.295 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

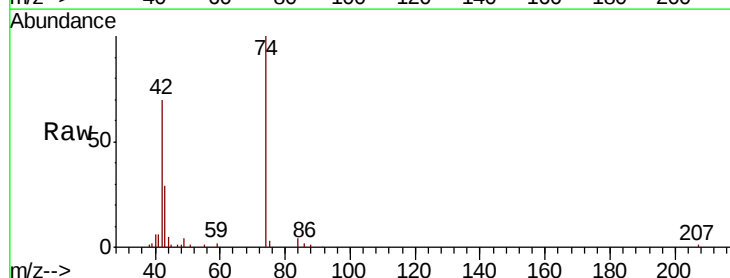
Tgt Ion: 42 Resp: 37733

Ion Ratio Lower Upper

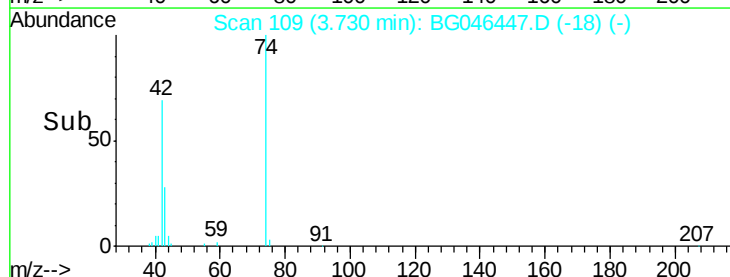
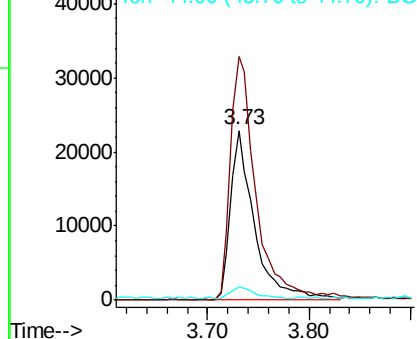
42 100

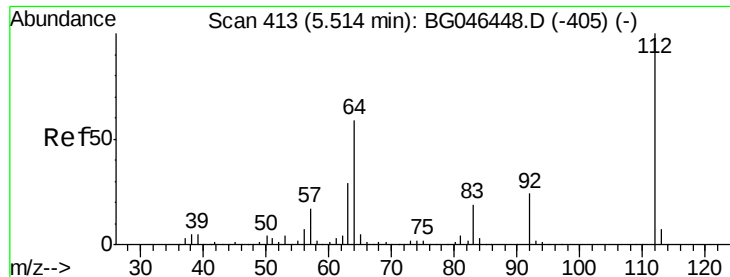
74 143.7 119.5 179.3

44 7.7 5.7 8.5



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: 39.091 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

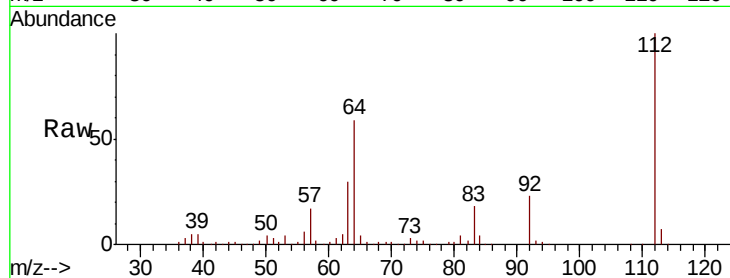
Tot Ion:112 Resp: 169739

Ion Ratio Lower Upper

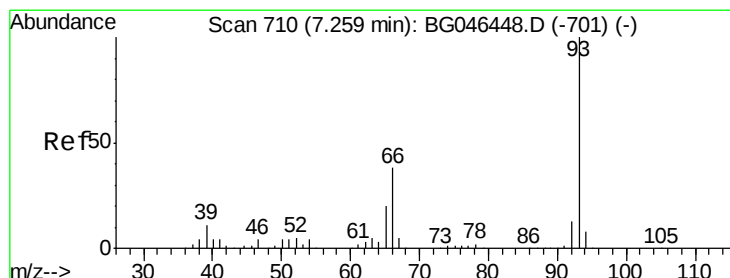
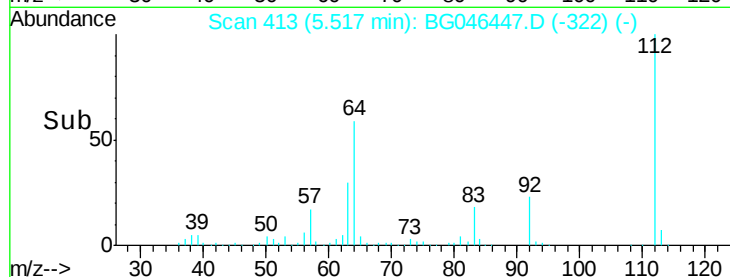
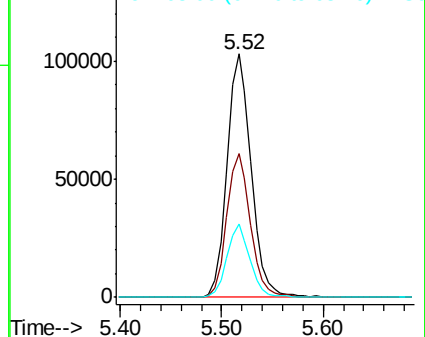
112 100

64 58.9 47.0 70.6

63 30.3 23.5 35.3



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: 19.240 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

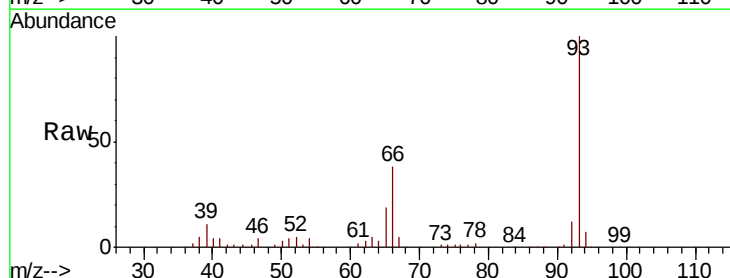
Tgt Ion: 93 Resp: 135530

Ion Ratio Lower Upper

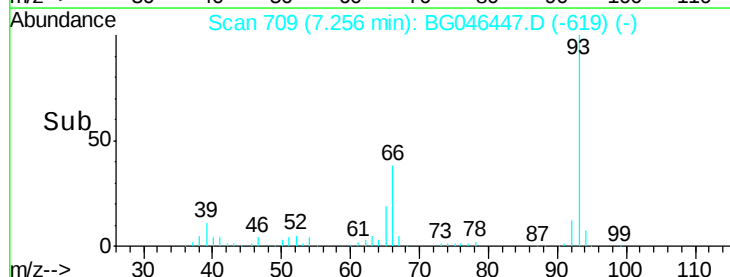
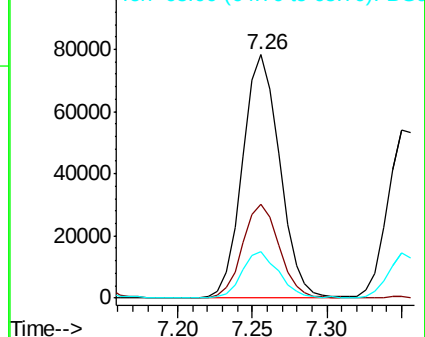
93 100

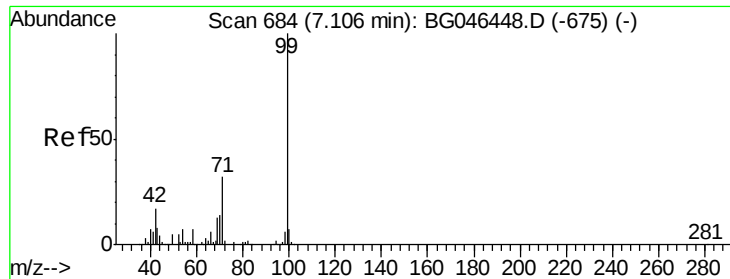
66 38.4 30.4 45.6

65 19.1 15.8 23.6



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: 41.285 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

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ClientSampleId :

SSTDIC020

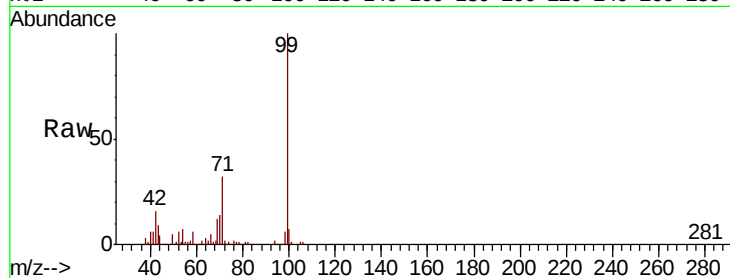
Tot Ion: 99 Resp: 244317

Ion Ratio Lower Upper

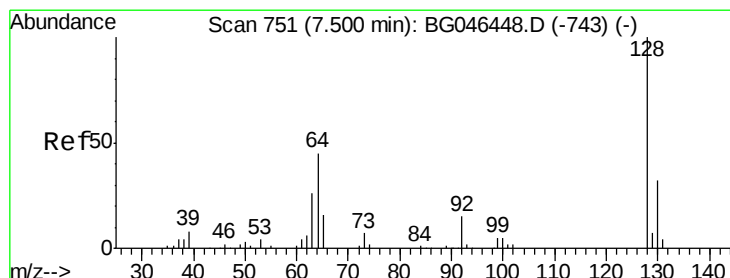
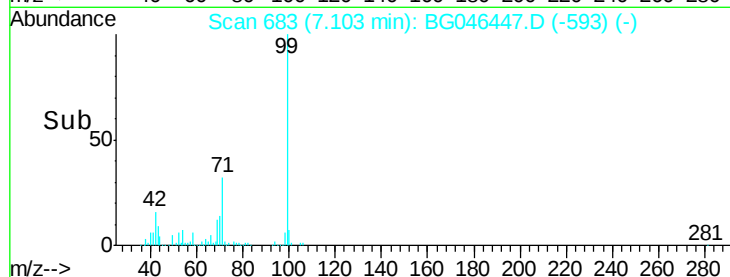
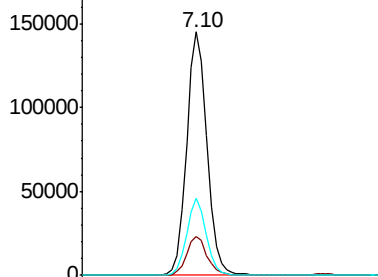
99 100

42 15.9 13.3 19.9

71 31.8 25.3 37.9



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



#8

2-Chlorophenol

Concen: 18.540 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

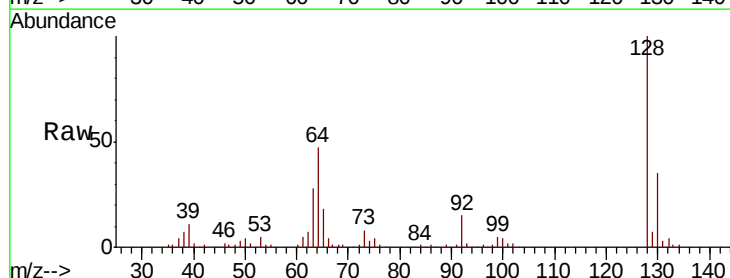
Tgt Ion: 128 Resp: 88979

Ion Ratio Lower Upper

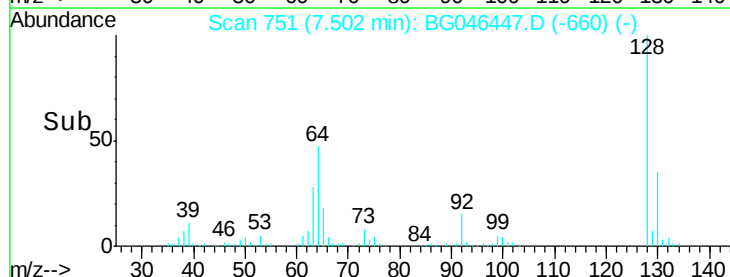
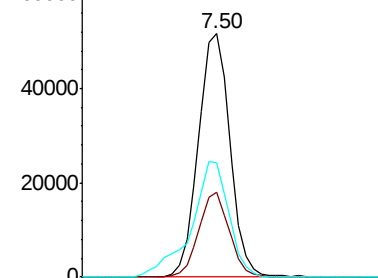
128 100

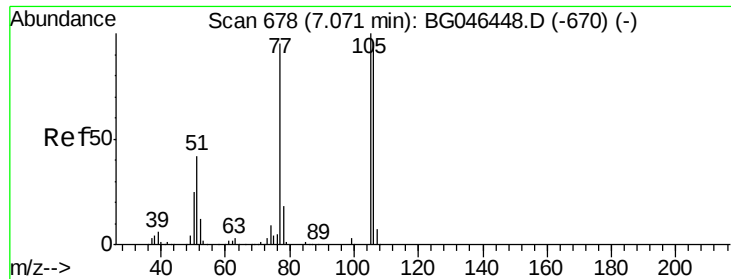
130 34.7 12.4 52.4

64 47.0 28.1 68.1



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





#9

Benzaldehyde

Concen: 20.341 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

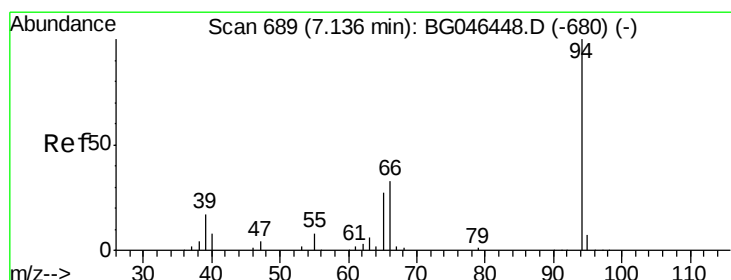
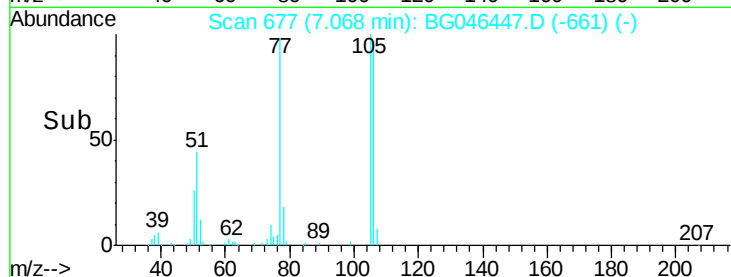
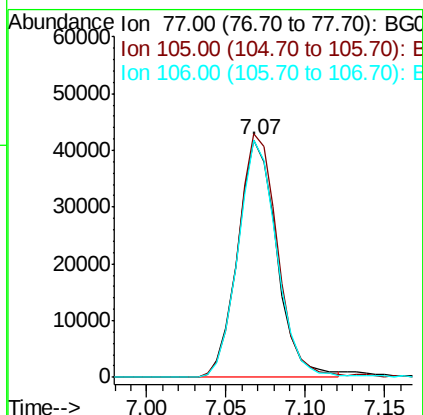
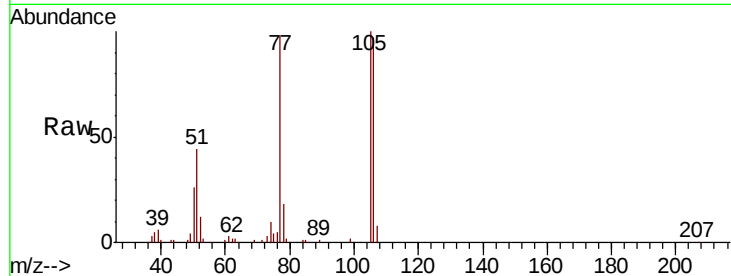
Tot Ion: 77 Resp: 71430

Ion Ratio Lower Upper

77 100

105 102.5 85.6 125.6

106 99.7 80.8 120.8



#10

Phenol

Concen: 18.600 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

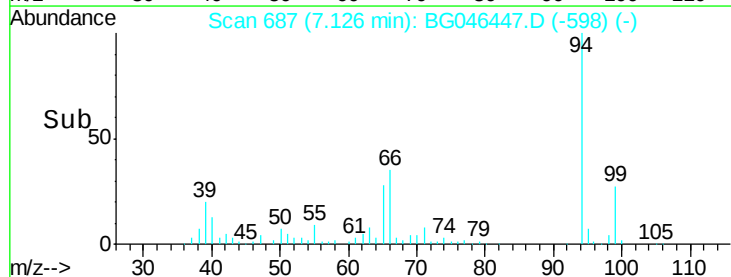
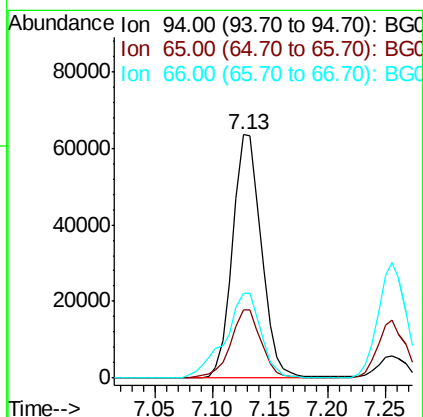
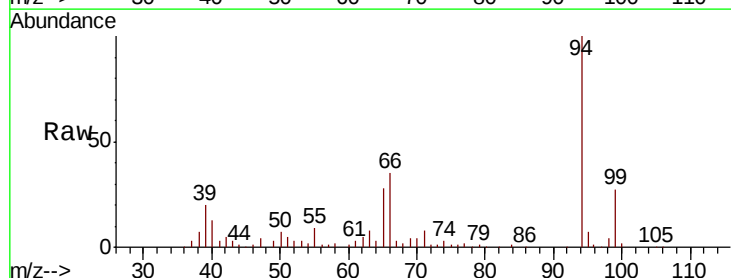
Tgt Ion: 94 Resp: 110595

Ion Ratio Lower Upper

94 100

65 27.8 7.5 47.5

66 34.7 14.1 54.1

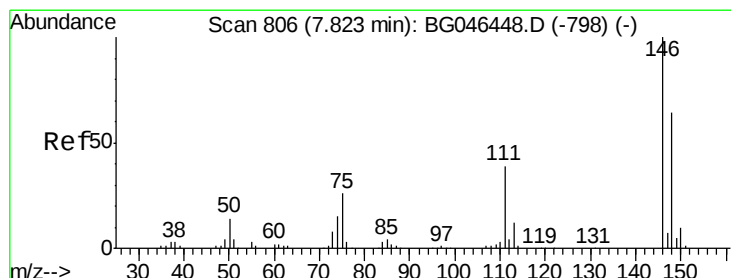
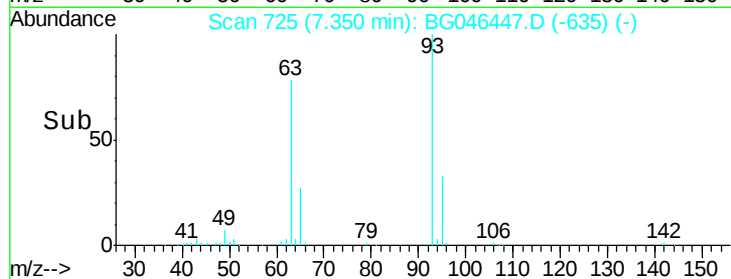
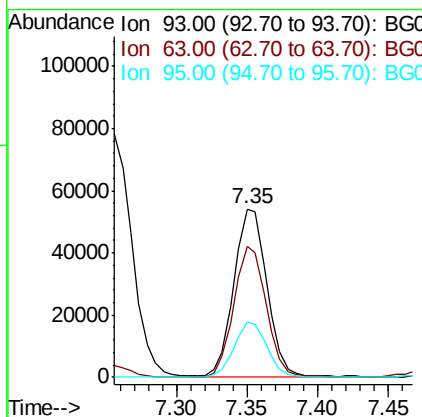
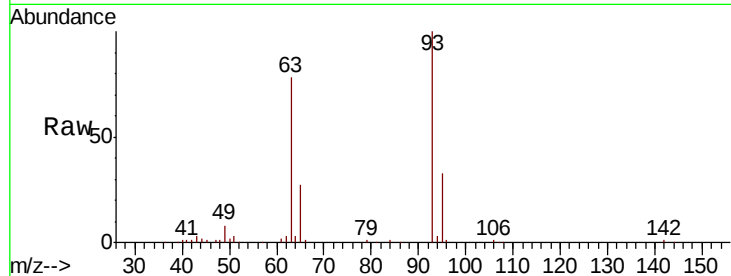




#11
 bis(2-Chloroethyl)ether
 Concen: 18.728 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

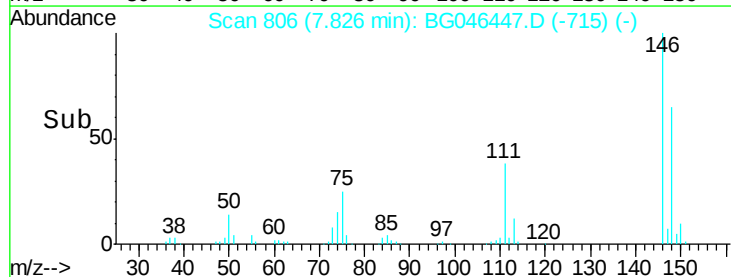
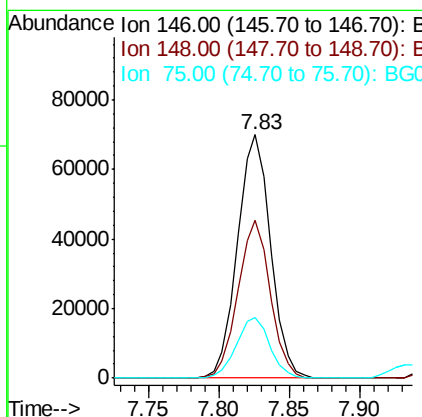
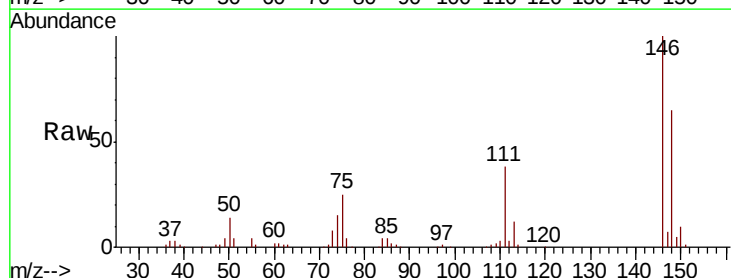
Instrument :
 BNA_G
 ClientSampled :
 SSTDICC020

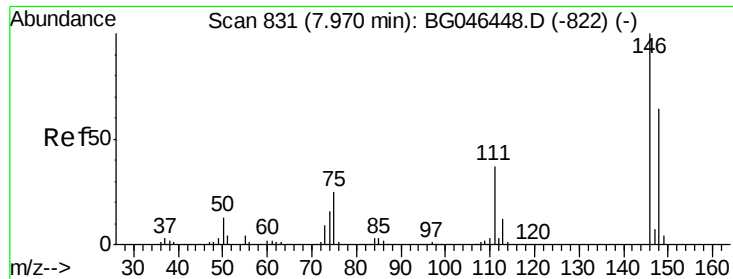
Tot Ion: 93 Resp: 88572
 Ion Ratio Lower Upper
 93 100
 63 77.9 57.7 97.7
 95 32.6 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 19.665 ng
 RT: 7.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Tgt Ion: 146 Resp: 114396
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 75 24.7 20.7 31.1

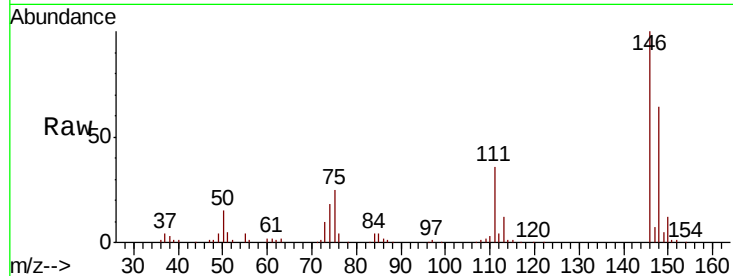




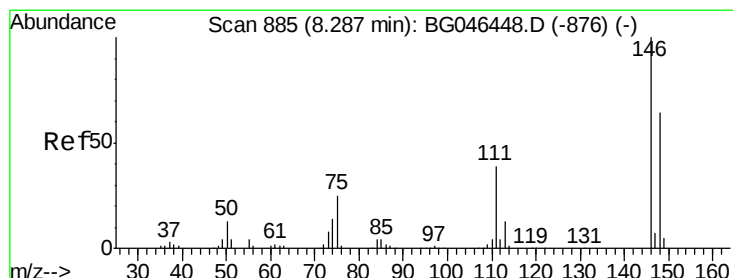
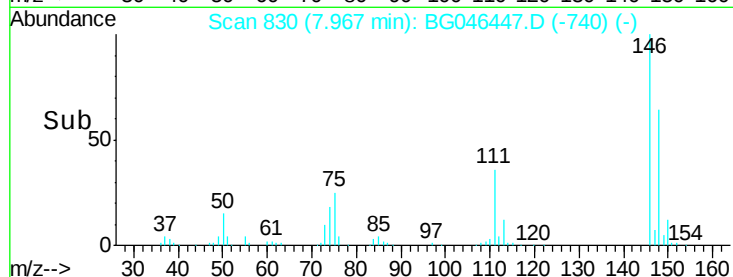
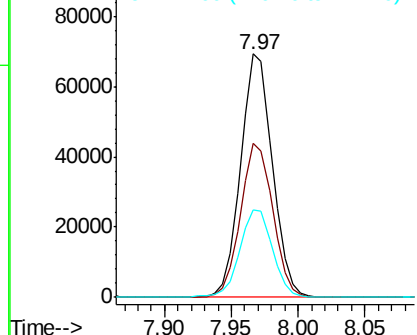
#13
 1,4-Dichlorobenzene
 Concen: 19.441 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDIC020

Tot Ion:146 Resp: 113562
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.9 76.3
 111 35.7 29.8 44.6

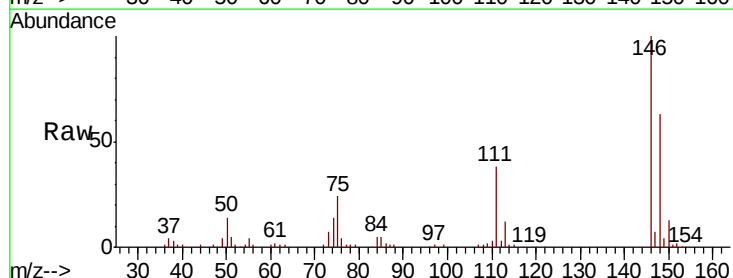


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

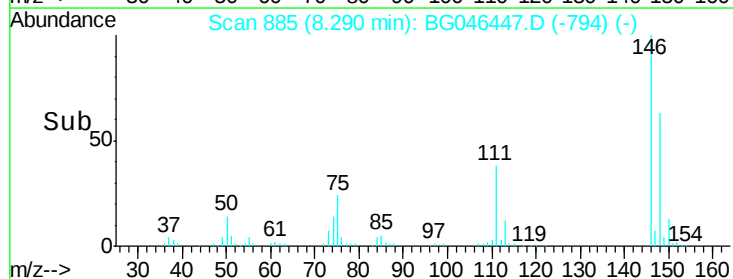
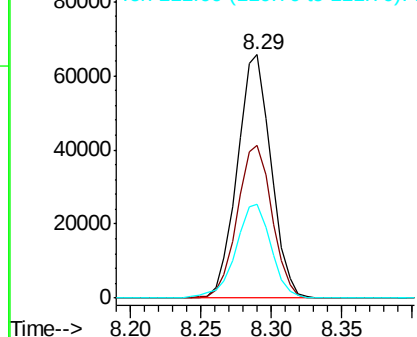


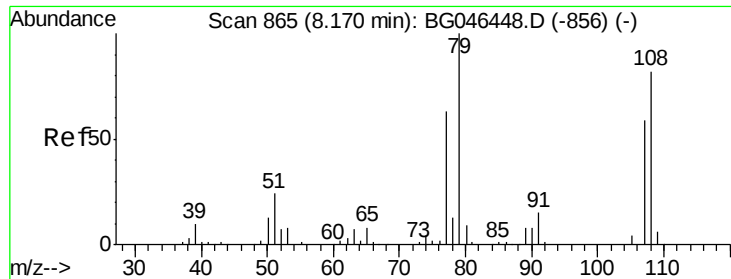
#14
 1,2-Dichlorobenzene
 Concen: 19.891 ng
 RT: 8.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Tgt Ion:146 Resp: 109579
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.0
 111 38.4 31.4 47.2



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





#15

Benzyl Alcohol

Concen: 18.594 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampled :

SSTDIC020

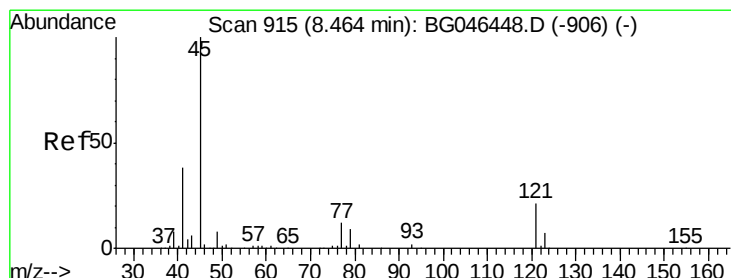
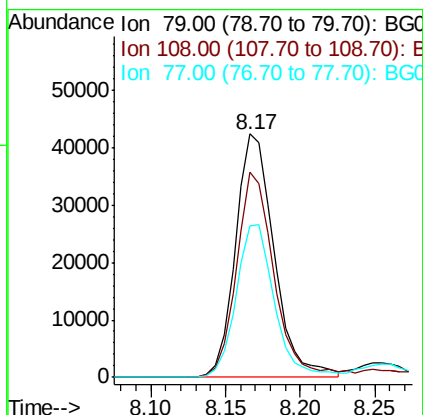
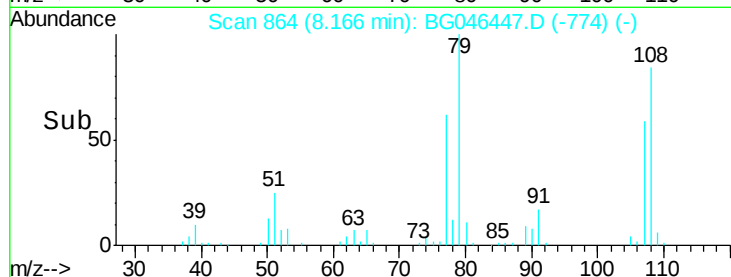
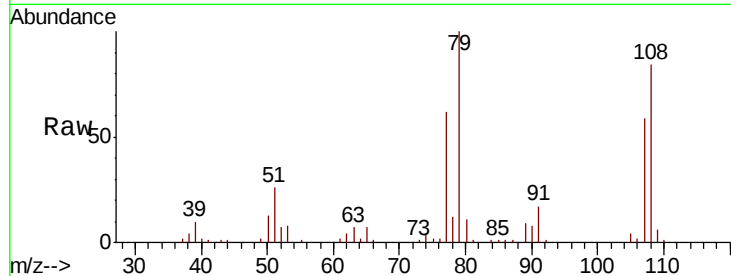
Tot Ion: 79 Resp: 76016

Ion Ratio Lower Upper

79 100

108 84.3 65.7 98.5

77 62.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.838 ng

RT: 8.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

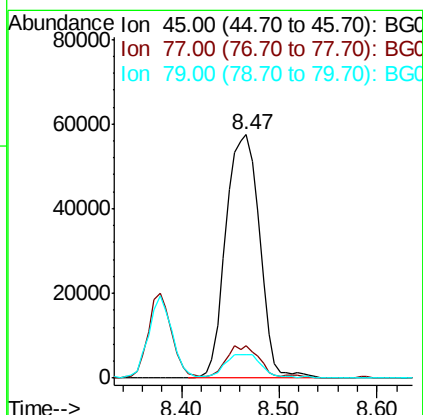
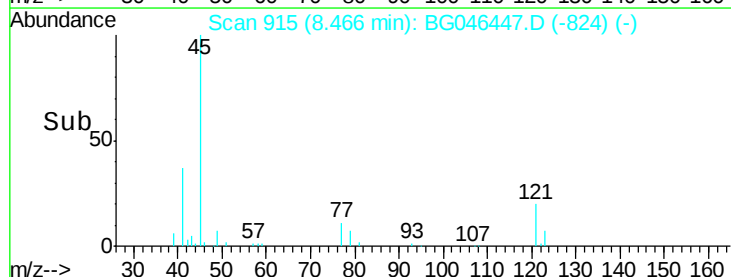
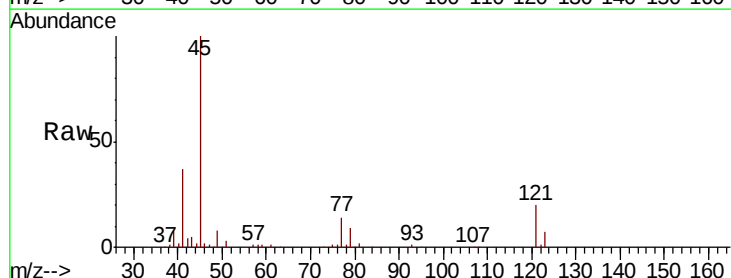
Tgt Ion: 45 Resp: 138314

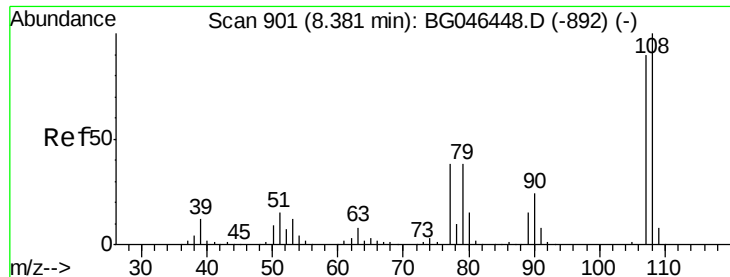
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

79 9.4 0.0 30.3

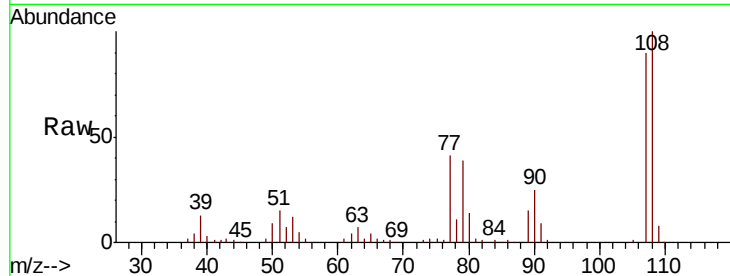




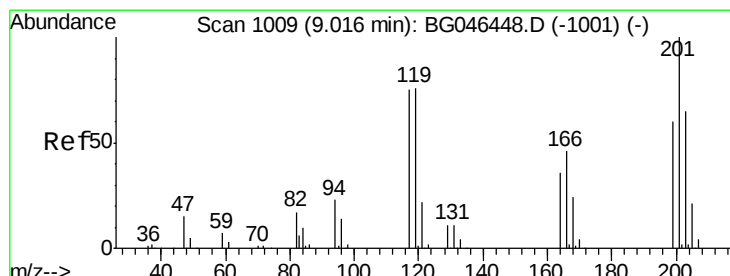
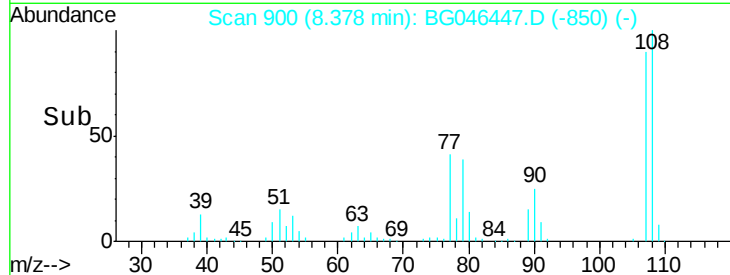
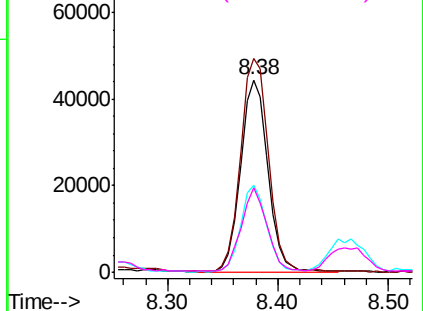
#17
2-Methylphenol
Concen: 19.394 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion:107 Resp: 77848
Ion Ratio Lower Upper
107 100
108 111.0 89.4 134.0
77 45.1 34.5 51.7
79 43.6 33.8 50.6

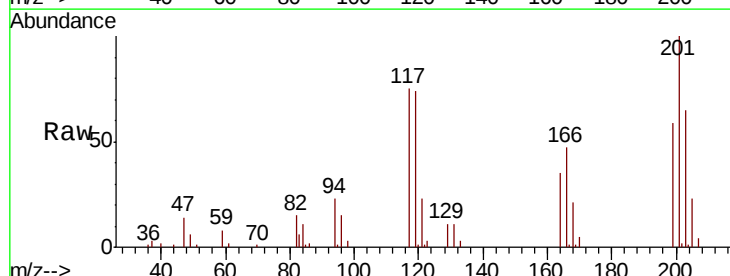


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

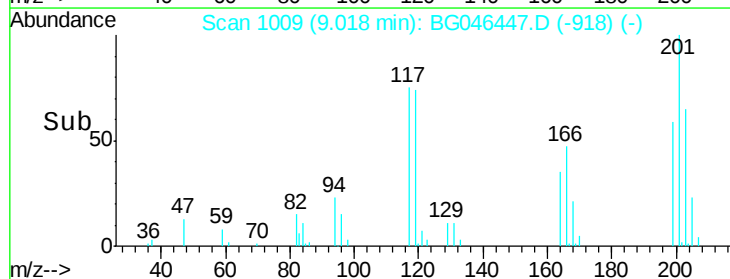
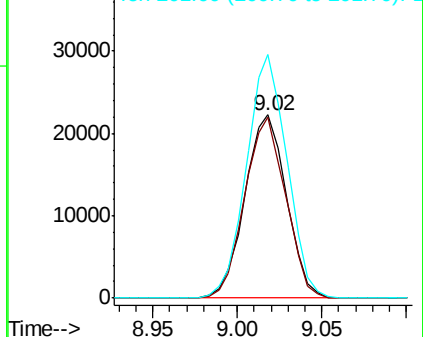


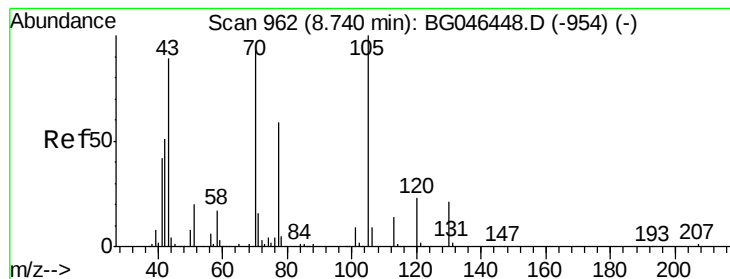
#18
Hexachloroethane
Concen: 19.453 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion:117 Resp: 38003
Ion Ratio Lower Upper
117 100
119 98.4 80.8 121.2
201 132.8 106.7 160.1



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: 18.259 ng

RT: 8.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

Tot Ion: 70 Resp: 70322

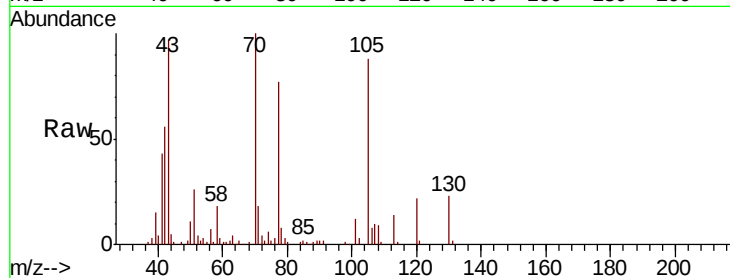
Ion Ratio Lower Upper

70 100

42 55.7 44.2 66.2

101 11.6 7.8 11.8

130 22.7 18.2 27.4



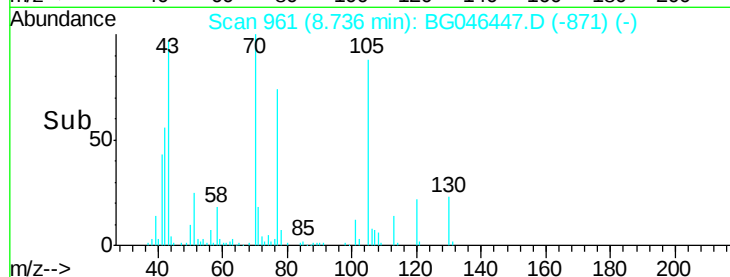
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

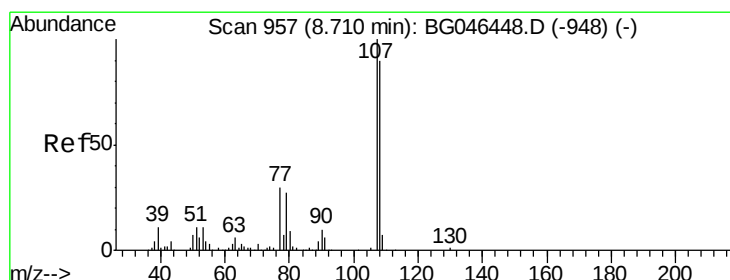
Ion 130.00 (129.70 to 130.70): BGC

Time-->



Abundance

Time-->



#20

3+4-Methylphenols

Concen: 19.509 ng

RT: 8.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Tgt Ion:107 Resp: 107186

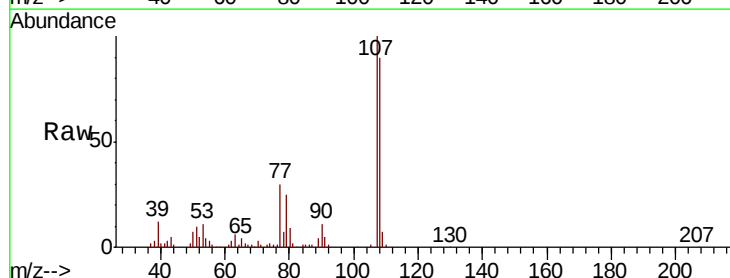
Ion Ratio Lower Upper

107 100

108 89.7 69.7 109.7

77 29.6 9.7 49.7

79 25.5 6.9 46.9



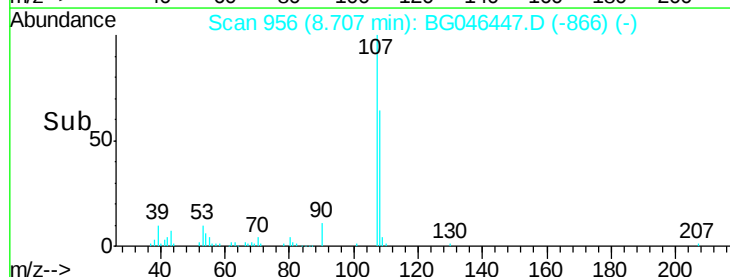
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

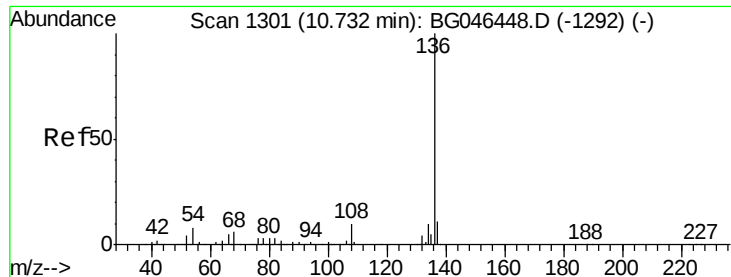
Ion 79.00 (78.70 to 79.70): BGC

Time-->



Abundance

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

Tot Ion:136 Resp: 302401

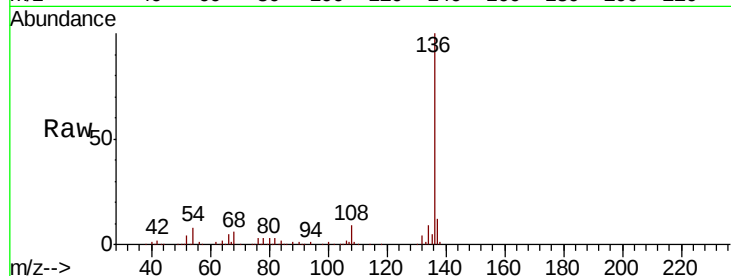
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 7.8 6.1 9.1

68 5.9 4.8 7.2

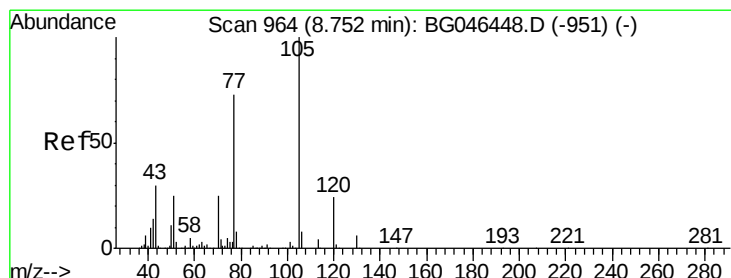
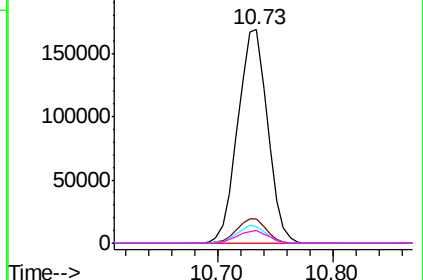
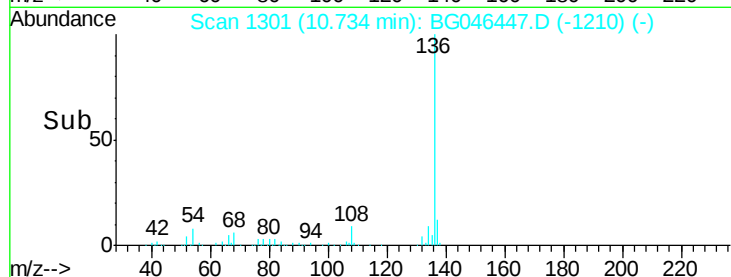


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 18.482 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Tgt Ion:105 Resp: 143436

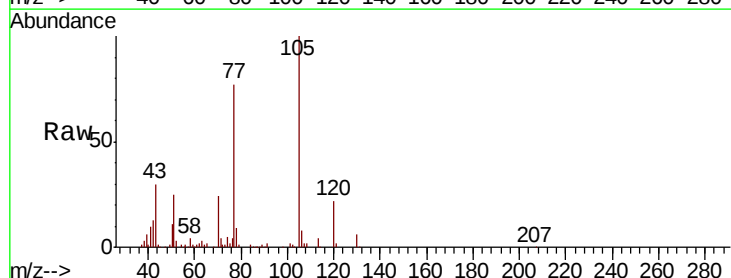
Ion Ratio Lower Upper

105 100

71 3.6 3.3 4.9

51 25.3 20.6 31.0

120 21.6 19.0 28.6

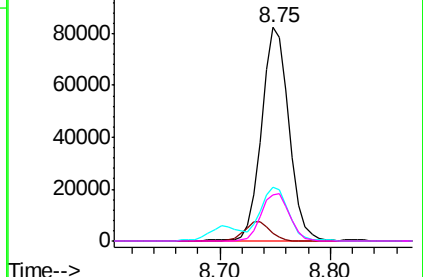
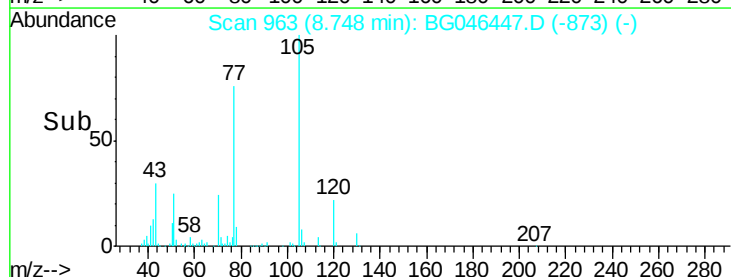


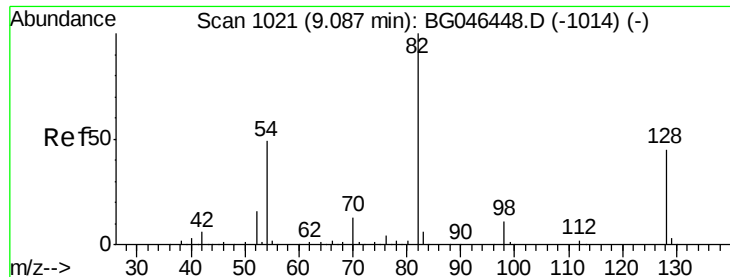
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

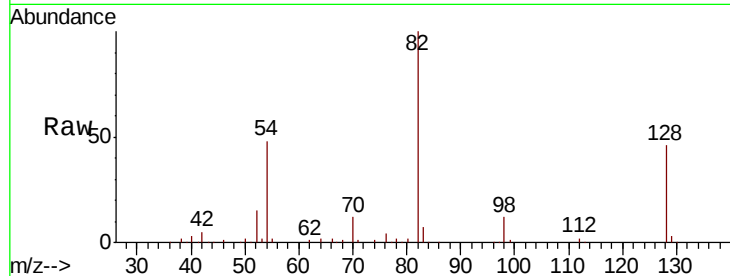




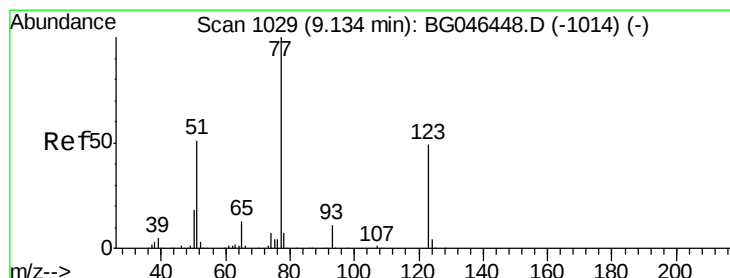
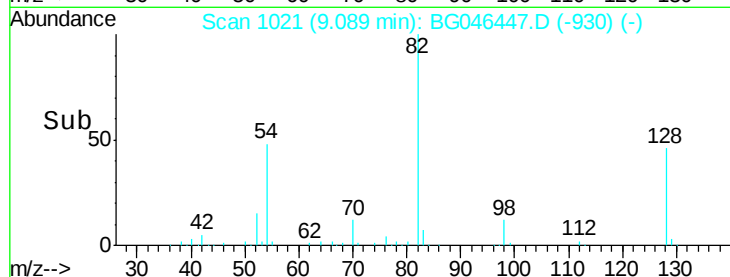
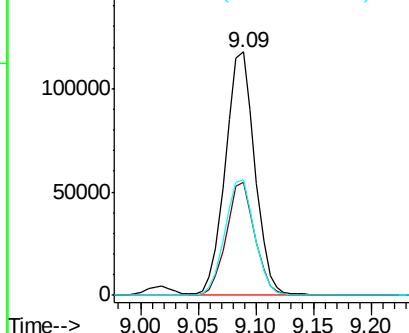
#23
 Nitrobenzene-d5
 Concen: 37.345 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tot Ion	82	Resp	208581
Ion Ratio	Lower	Upper	
82	100		
128	46.4	35.7	53.5
54	47.6	39.4	59.0

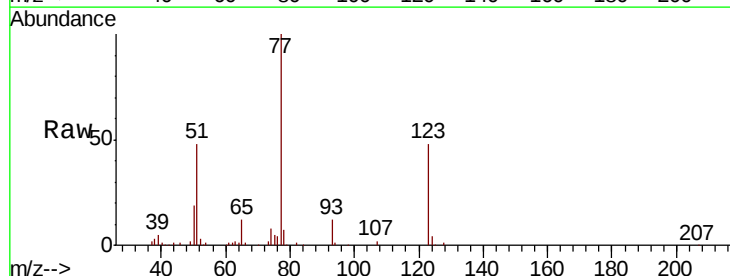


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

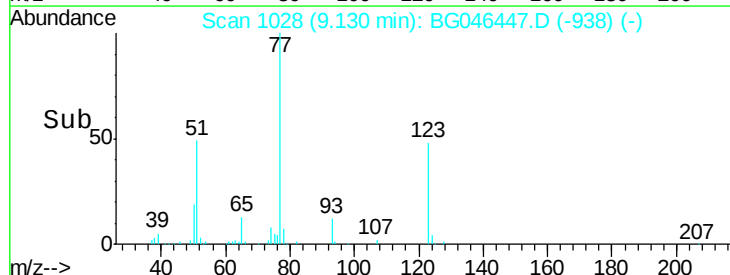
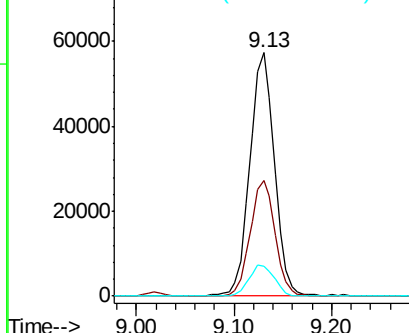


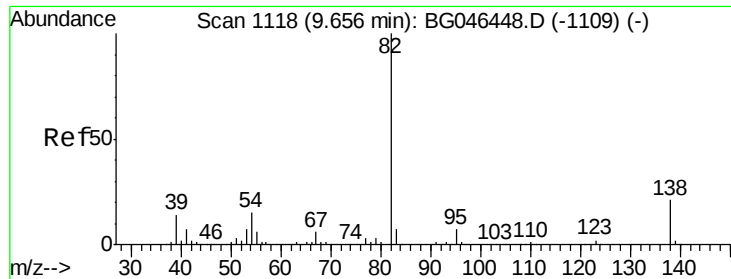
#24
 Nitrobenzene
 Concen: 16.919 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Tgt Ion	77	Resp	100752
Ion Ratio	Lower	Upper	
77	100		
123	47.6	39.6	59.4
65	12.5	10.1	15.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 17.095 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

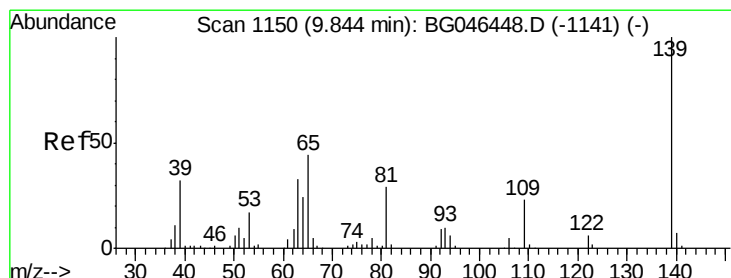
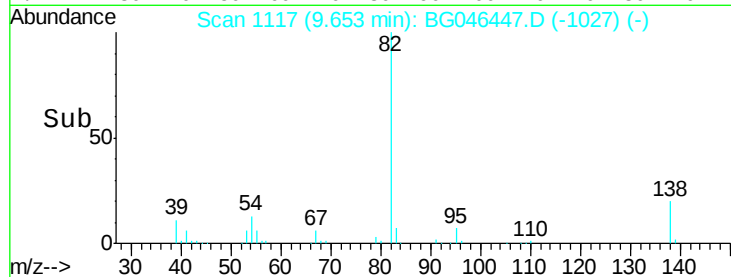
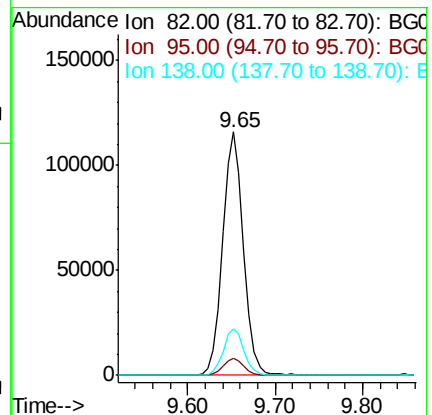
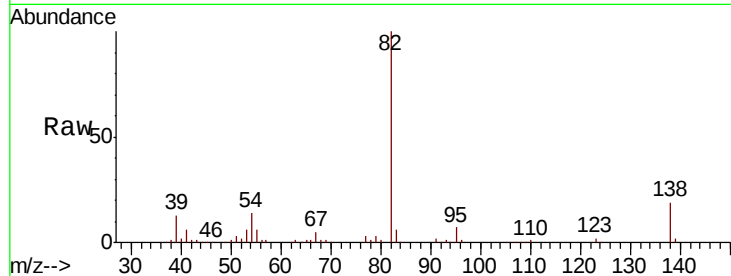
Tot Ion: 82 Resp: 189993

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 19.3 16.4 24.6



#26

2-Nitrophenol

Concen: 19.880 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

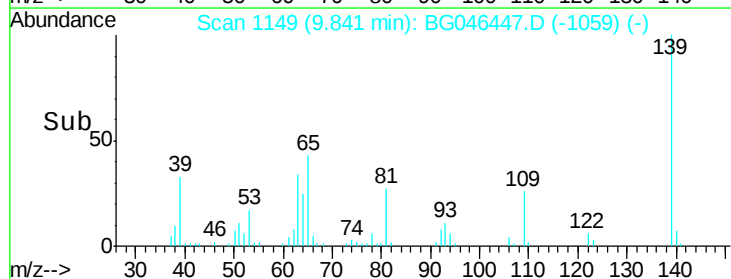
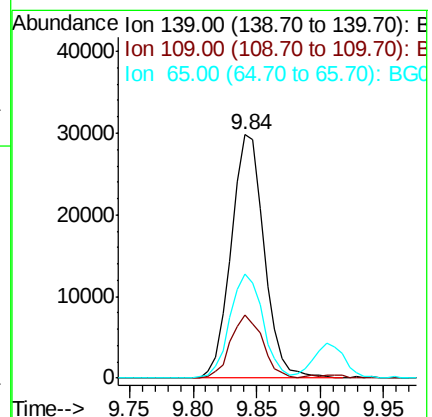
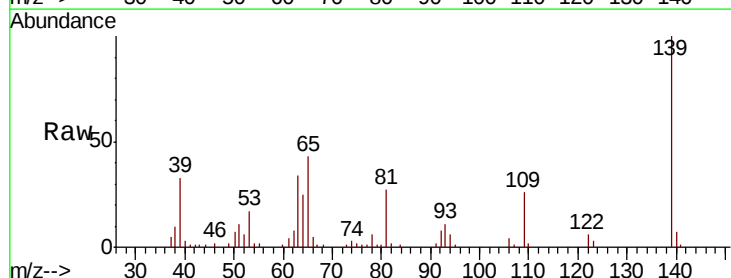
Tgt Ion: 139 Resp: 53652

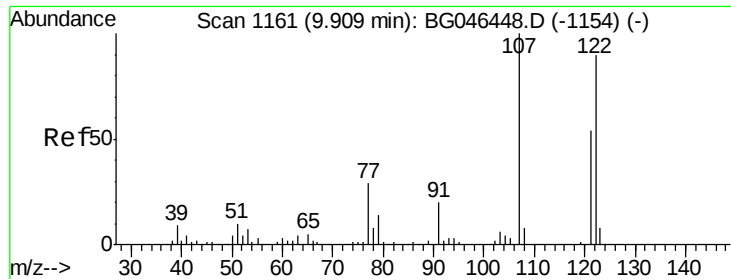
Ion Ratio Lower Upper

139 100

109 25.9 18.8 28.2

65 42.6 35.0 52.6

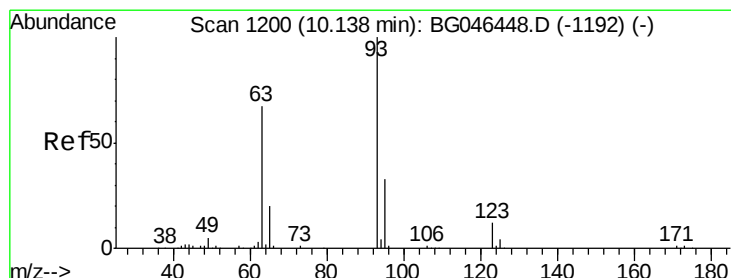
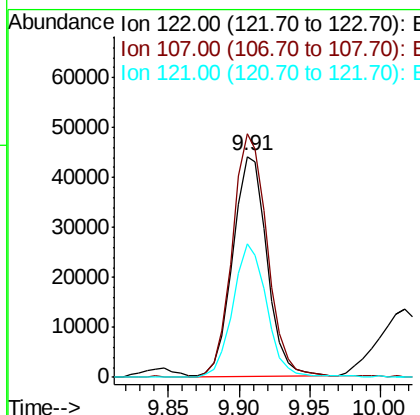
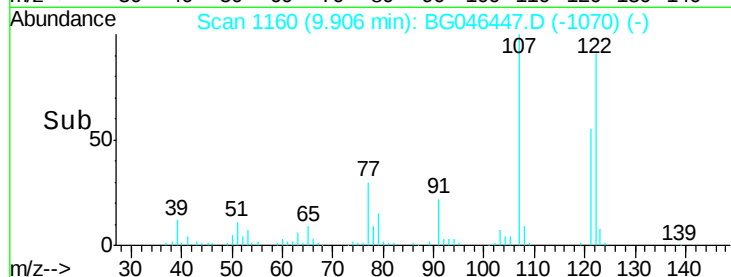
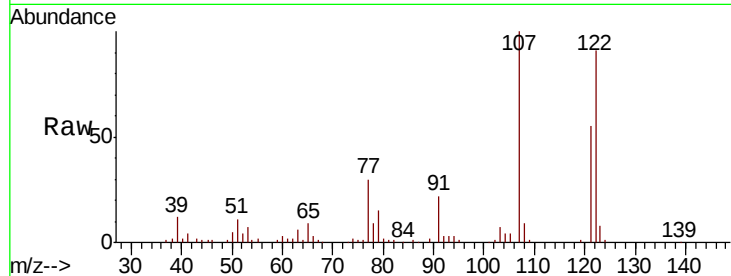




#27
2,4-Dimethylphenol
Concen: 16.904 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

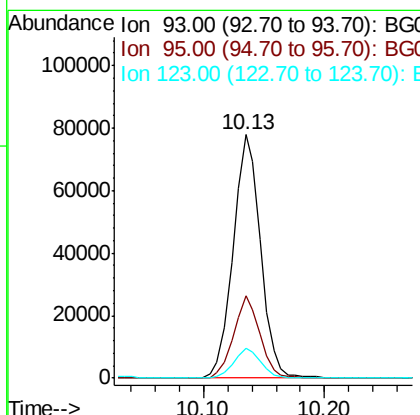
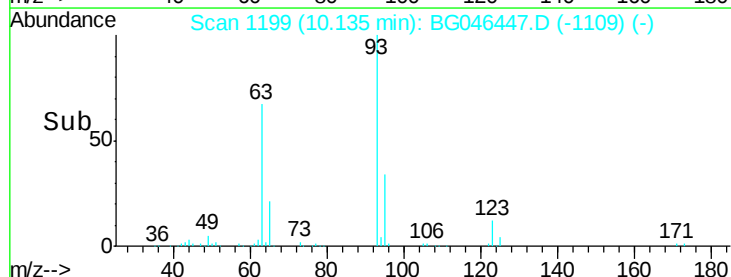
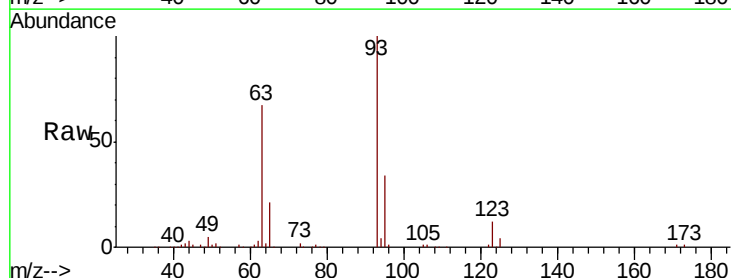
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

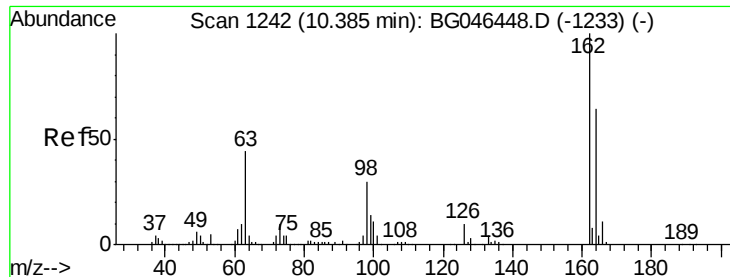
Tot Ion:122 Resp: 74222
Ion Ratio Lower Upper
122 100
107 110.1 88.2 132.2
121 60.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 20.306 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion: 93 Resp: 122708
Ion Ratio Lower Upper
93 100
95 33.6 26.1 39.1
123 12.2 9.5 14.3

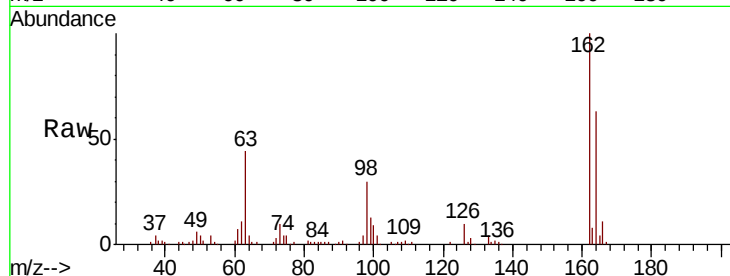




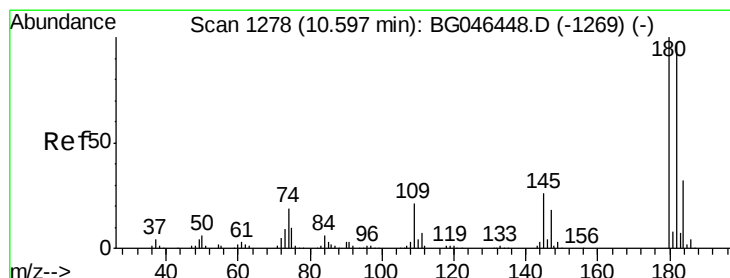
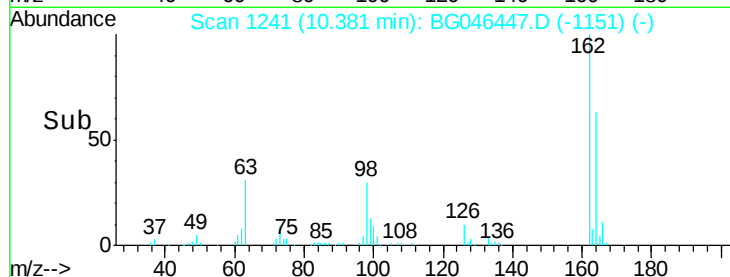
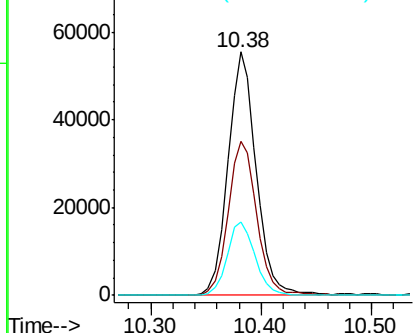
#29
2,4-Dichlorophenol
Concen: 19.224 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion:162 Resp: 99292
Ion Ratio Lower Upper
162 100
164 63.5 44.3 84.3
98 30.1 10.0 50.0

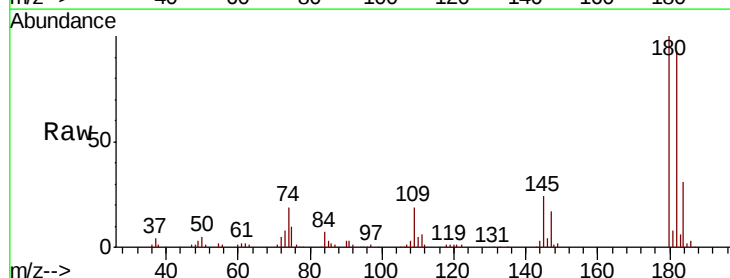


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

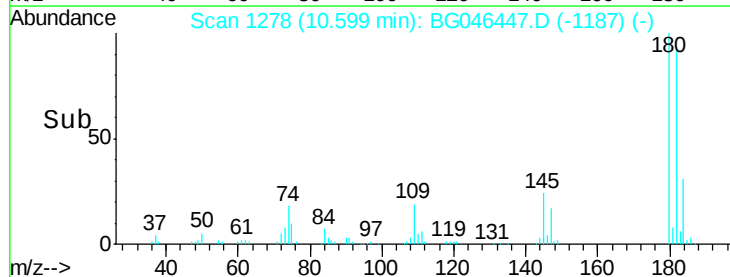
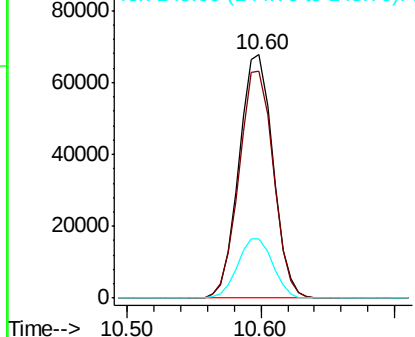


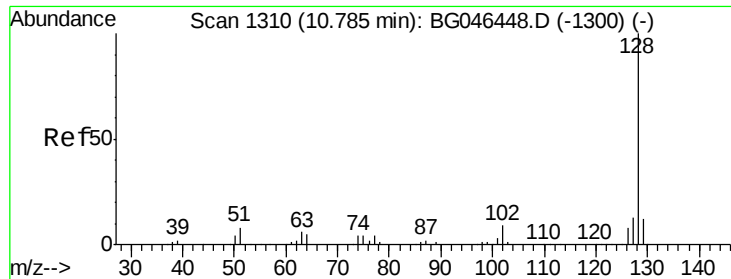
#30
1,2,4-Trichlorobenzene
Concen: 19.693 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion:180 Resp: 119157
Ion Ratio Lower Upper
180 100
182 93.1 77.8 116.8
145 24.5 20.9 31.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

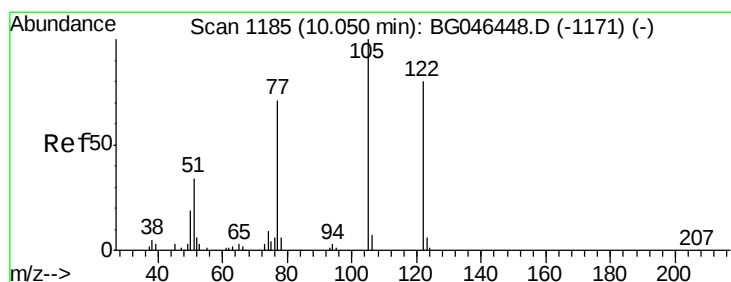
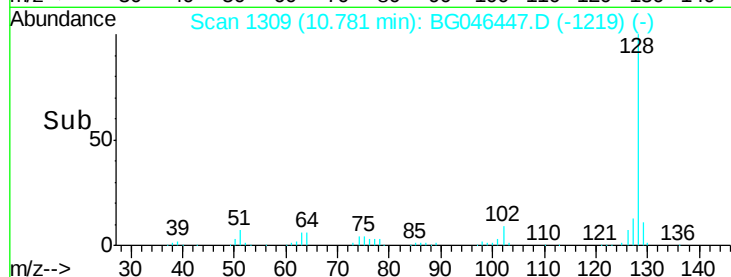
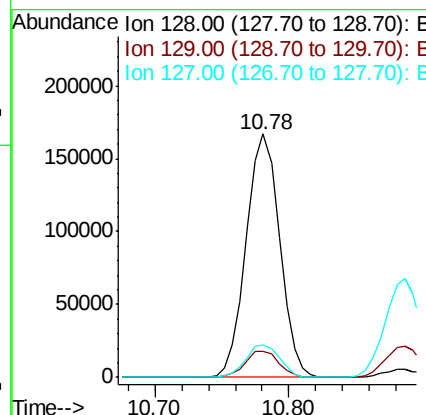
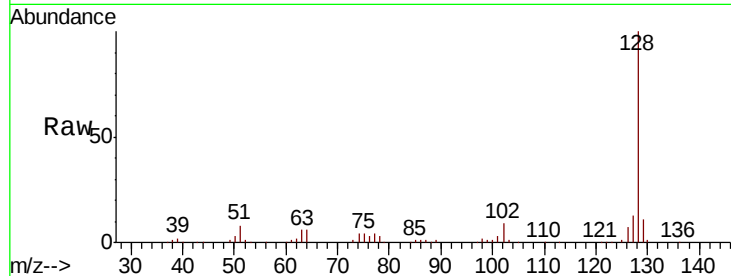




#31
Naphthalene
Concen: 18.139 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

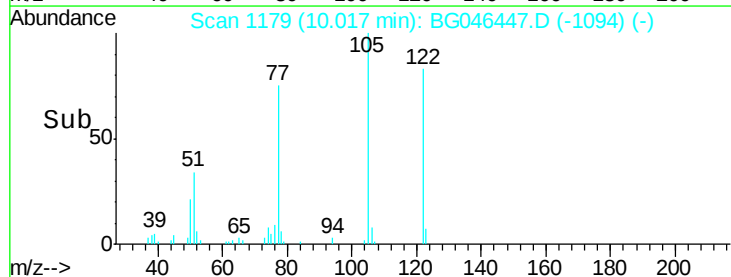
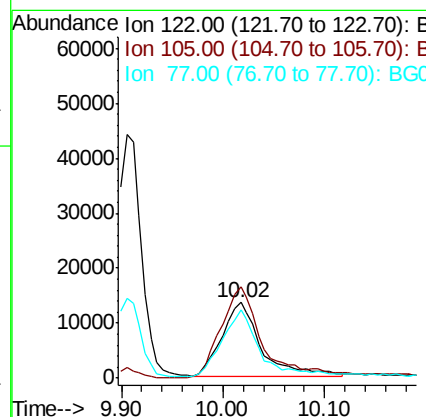
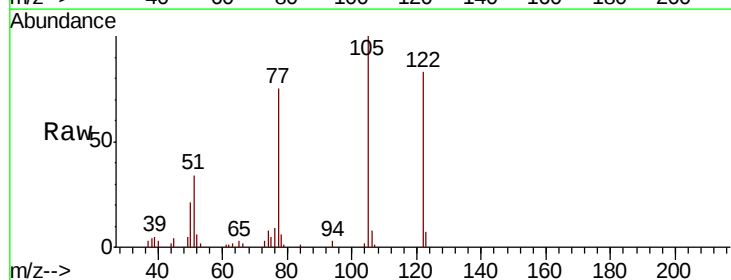
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

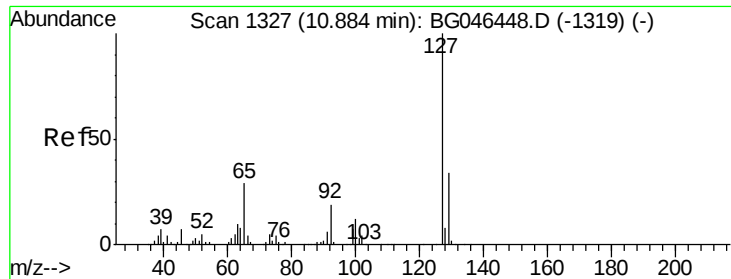
Tot Ion:128 Resp: 290228
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 13.286 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion:122 Resp: 35799
Ion Ratio Lower Upper
122 100
105 121.0 102.5 142.5
77 90.8 68.2 108.2

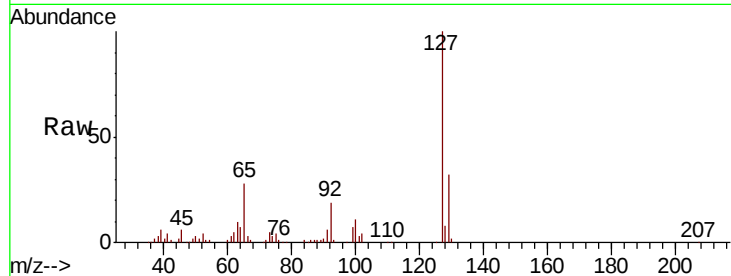




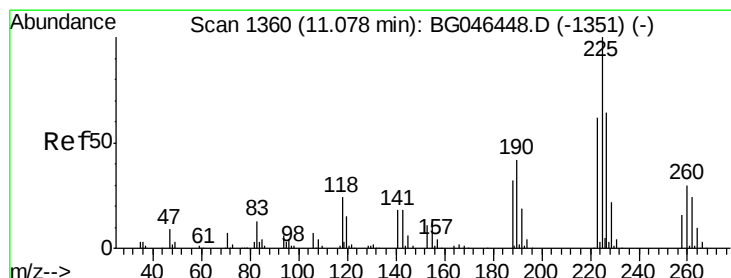
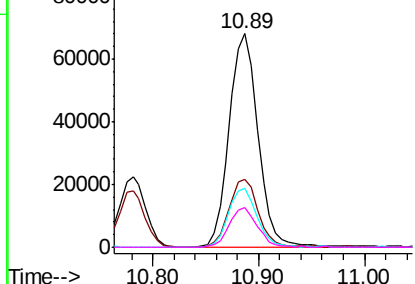
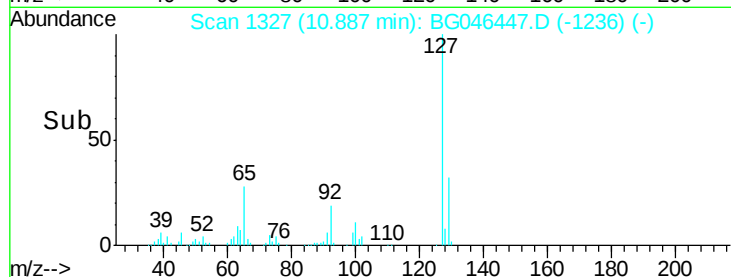
#33
4-Chloroaniline
Concen: 19.722 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion:127	Resp:	128951
Ion Ratio	Lower	Upper
127	100	
129	32.0	27.0 40.4
65	27.7	23.5 35.3
92	18.5	14.9 22.3

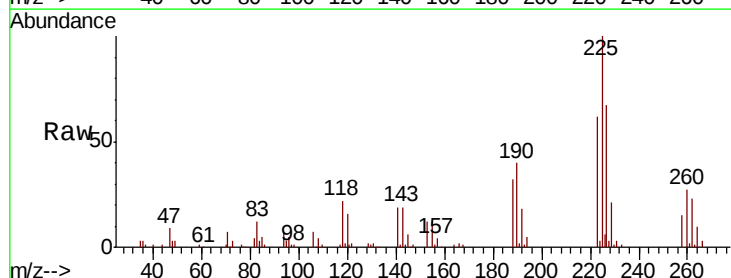


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

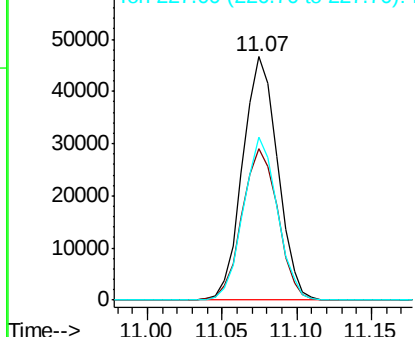
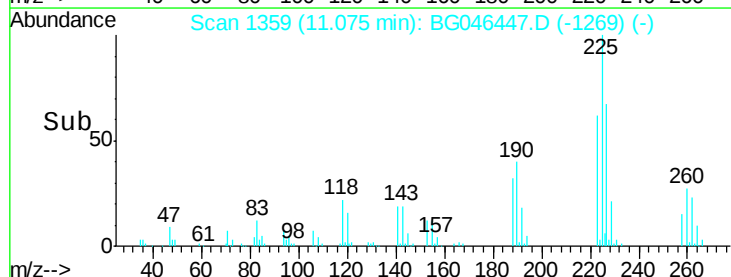


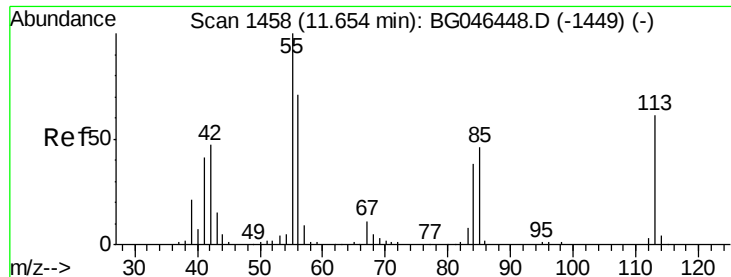
#34
Hexachlorobutadiene
Concen: 18.807 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion:225	Resp:	75754
Ion Ratio	Lower	Upper
225	100	
223	62.0	49.9 74.9
227	67.0	51.6 77.4



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: 22.155 ng

RT: 11.64 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

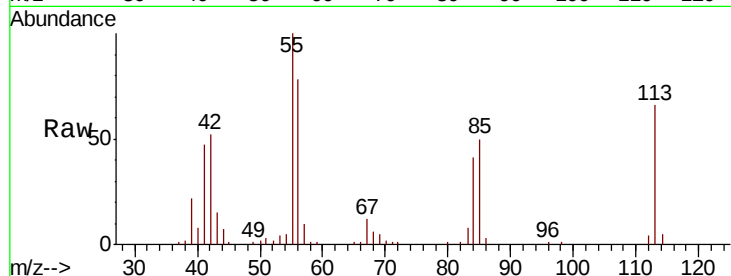
Tot Ion:113 Resp: 37454

Ion Ratio Lower Upper

113 100

55 152.5 144.2 184.2

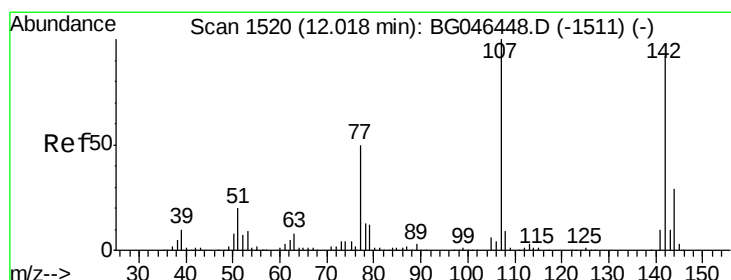
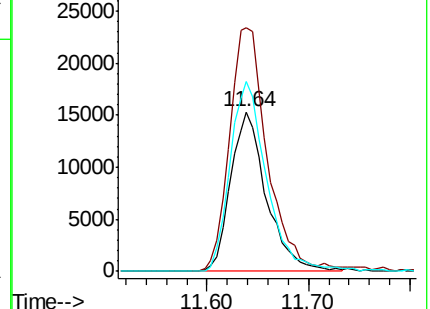
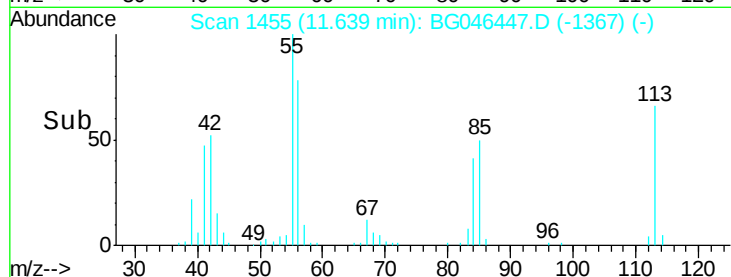
56 118.9 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 19.187 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

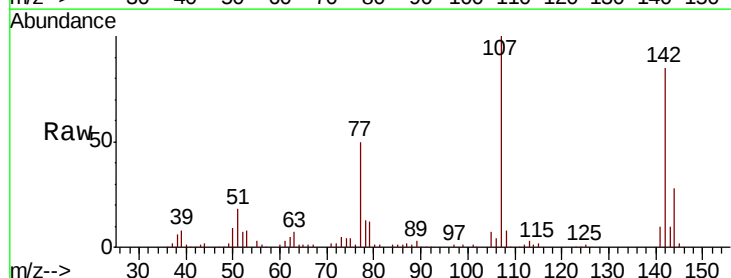
Tgt Ion:107 Resp: 97255

Ion Ratio Lower Upper

107 100

144 28.4 23.3 34.9

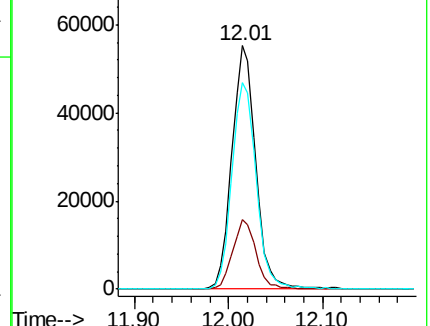
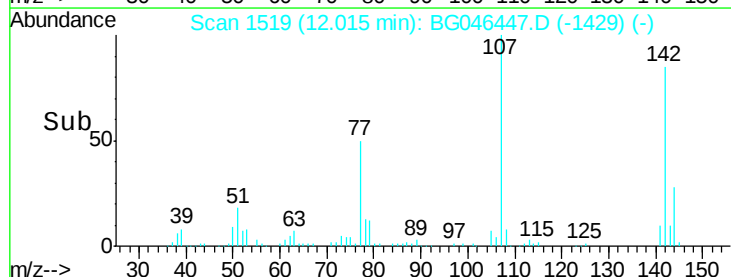
142 84.9 73.7 110.5

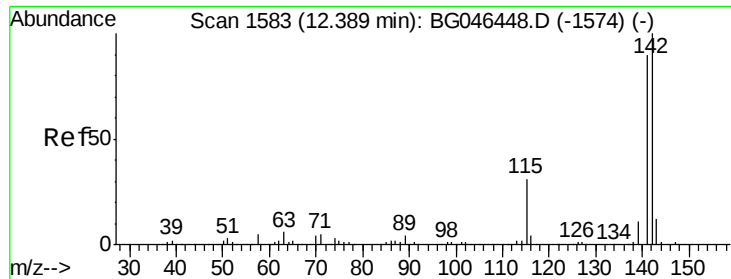


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

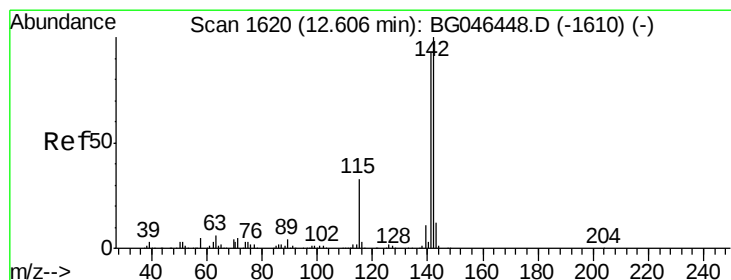
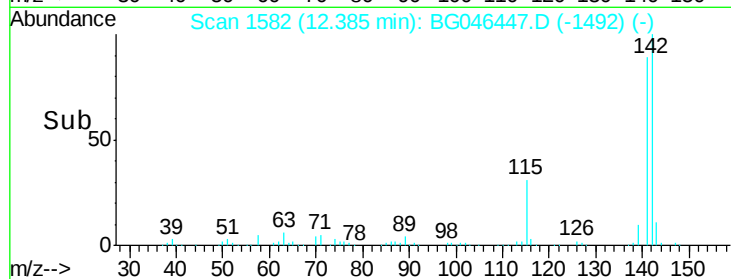
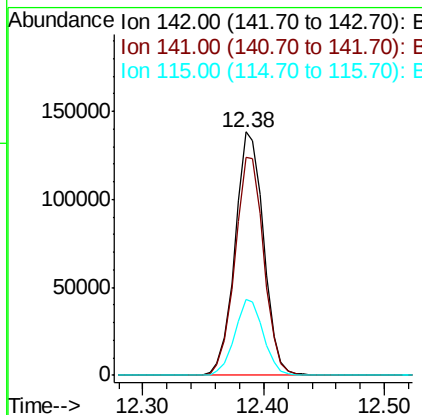
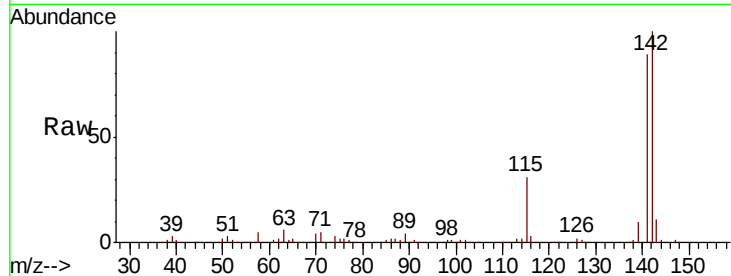




#37
2-Methylnaphthalene
Concen: 18.555 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

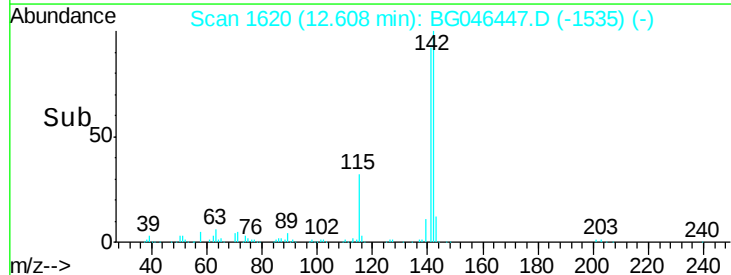
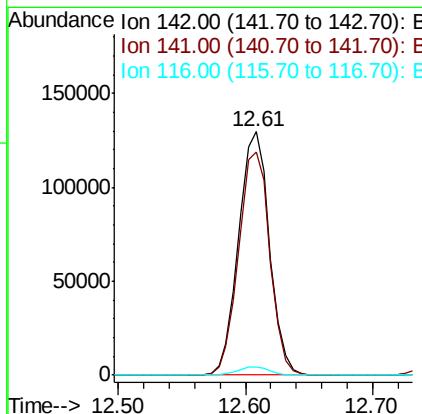
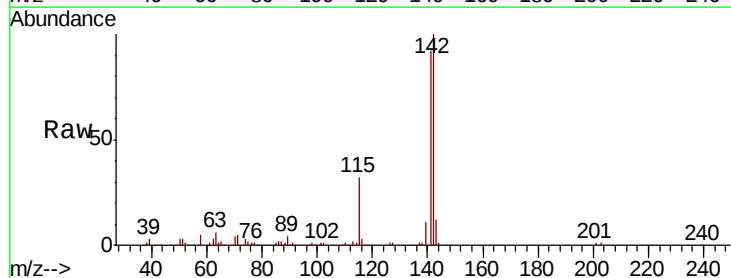
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

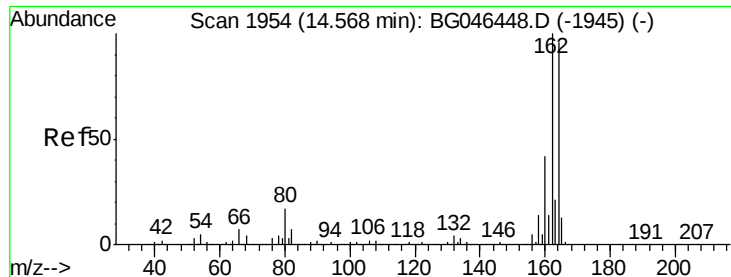
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.1	108.1
115	31.1	24.9	37.3



#38
1-Methylnaphthalene
Concen: 18.750 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.7	112.1
116	3.4	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

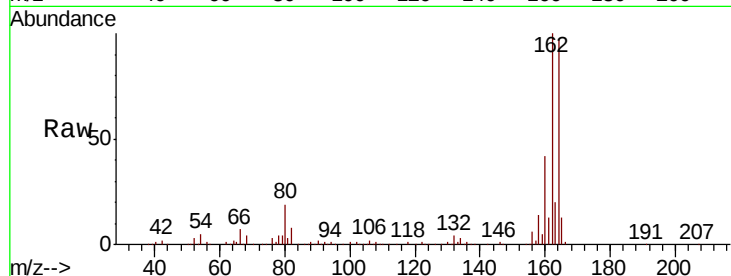
Tot Ion:164 Resp: 215159

Ion Ratio Lower Upper

164 100

162 103.0 83.3 124.9

160 43.6 35.0 52.6

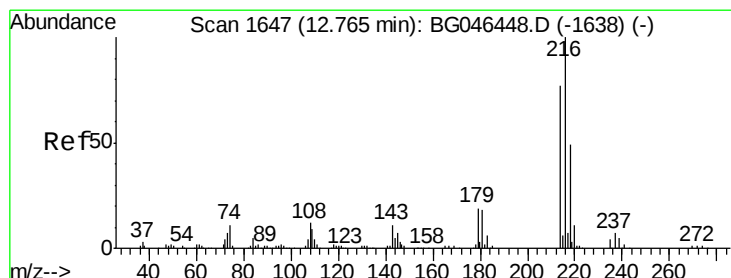
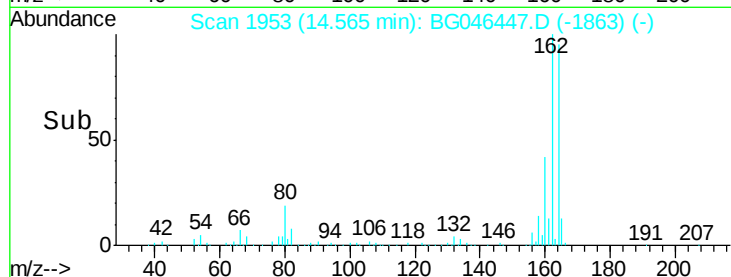
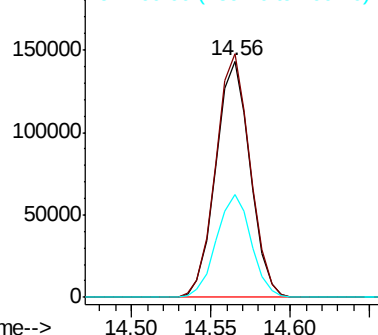


Abundance

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: 17.807 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Tgt Ion:216 Resp: 138046

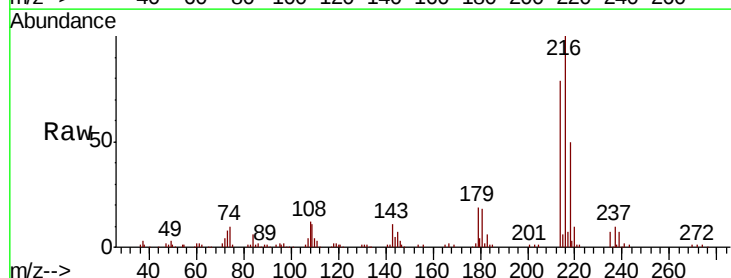
Ion Ratio Lower Upper

216 100

214 77.2 62.1 93.1

179 18.7 14.9 22.3

108 12.8 10.5 15.7



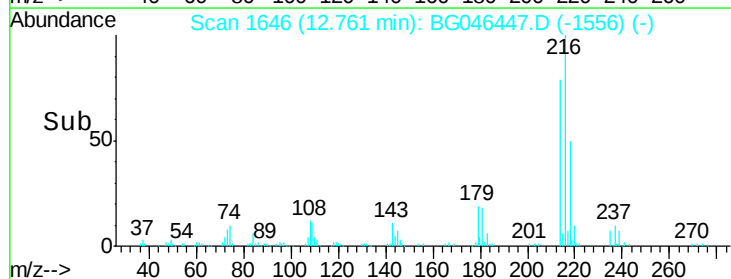
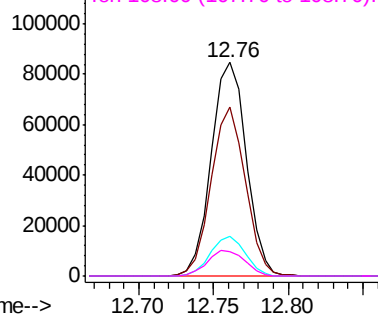
Abundance

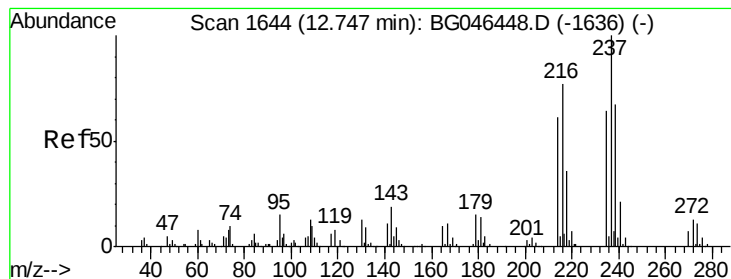
Ion 216.00 (215.70 to 216.70): E

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: 12.938 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

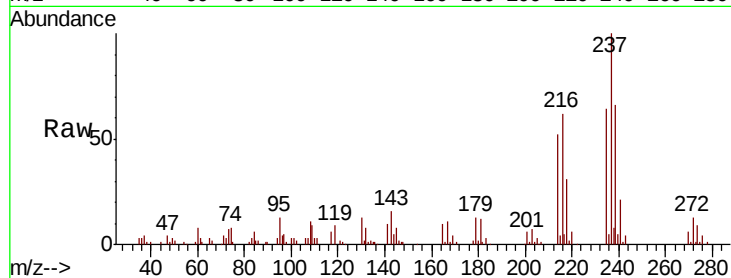
Tot Ion:237 Resp: 57531

Ion Ratio Lower Upper

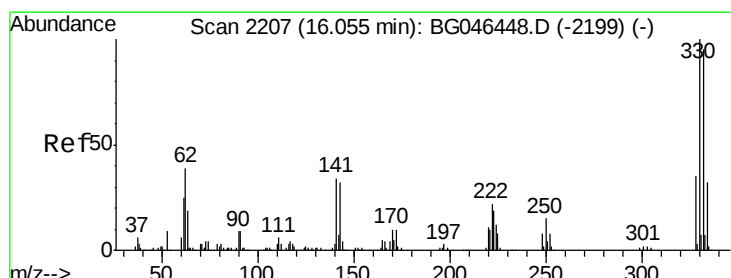
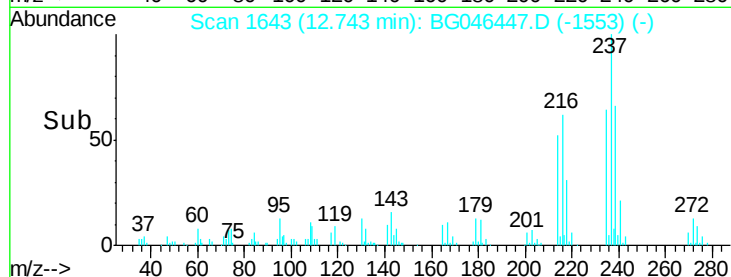
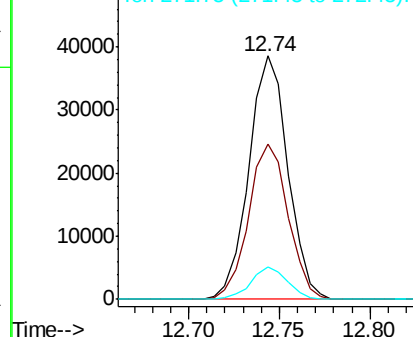
237 100

235 63.8 44.5 84.5

272 13.1 0.0 32.8



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: 34.756 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

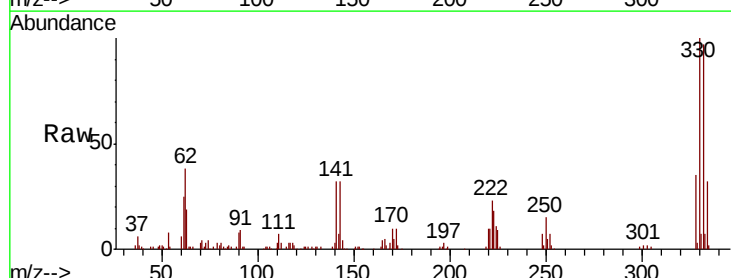
Tgt Ion:330 Resp: 114862

Ion Ratio Lower Upper

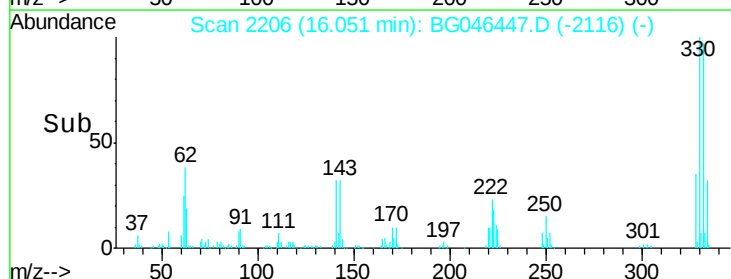
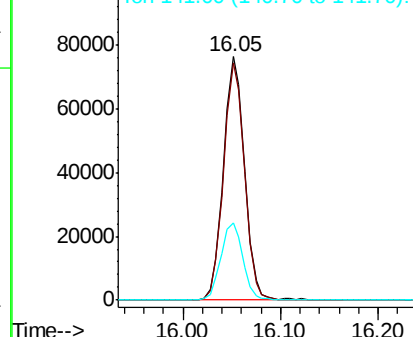
330 100

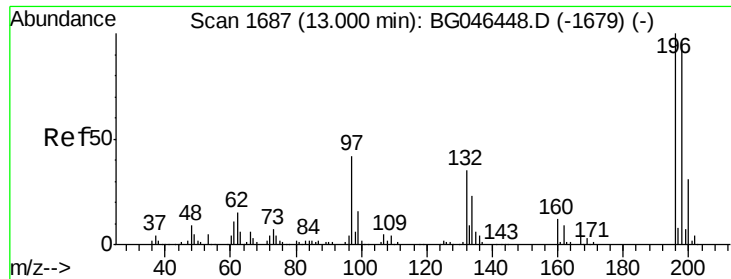
332 96.3 76.1 114.1

141 32.9 26.1 39.1



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

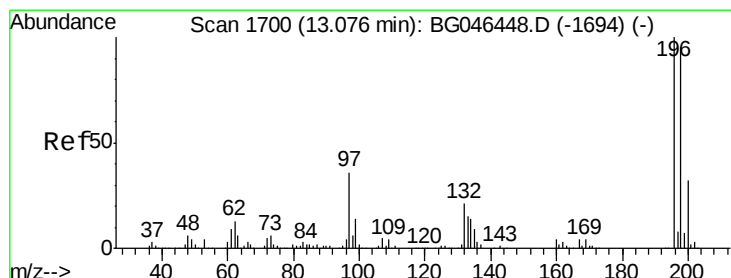
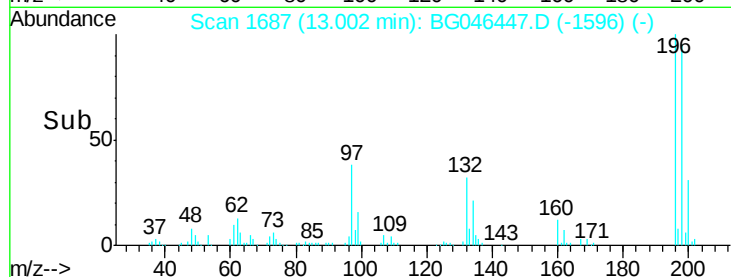
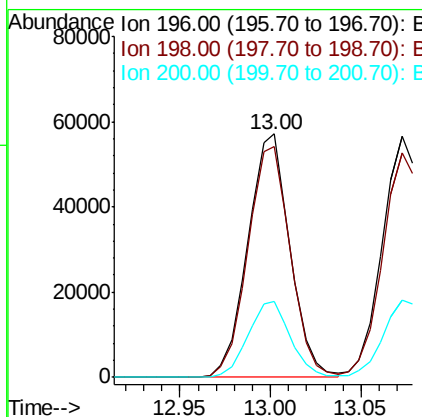
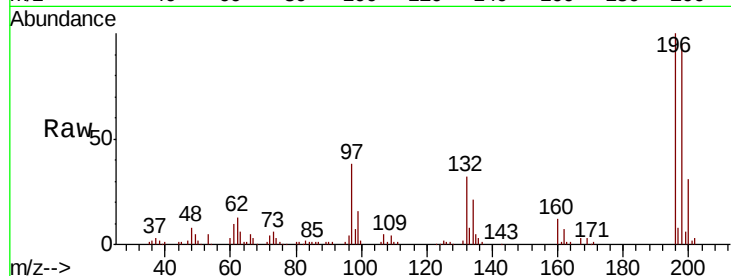




#43
 2,4,6-Trichlorophenol
 Concen: 18.740 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

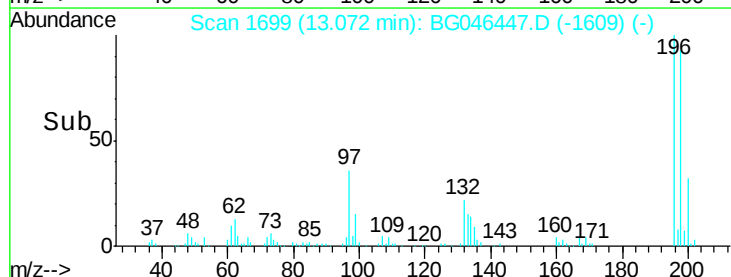
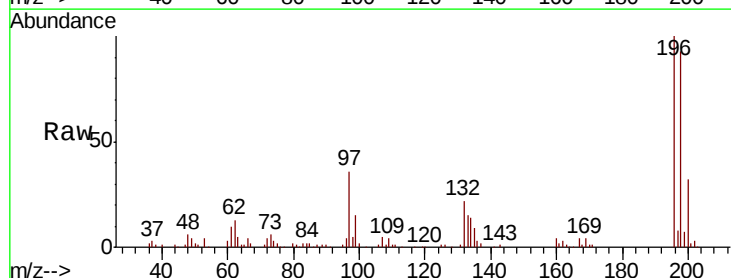
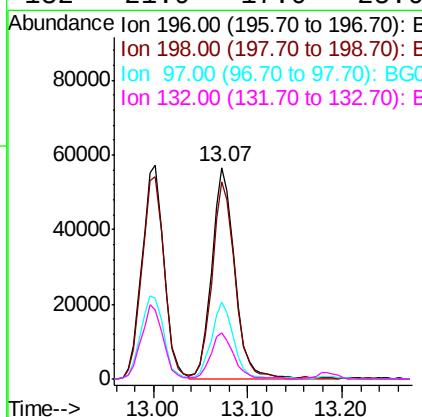
Instrument :
 BNA_G
 ClientSampleId :
 SSTDIC020

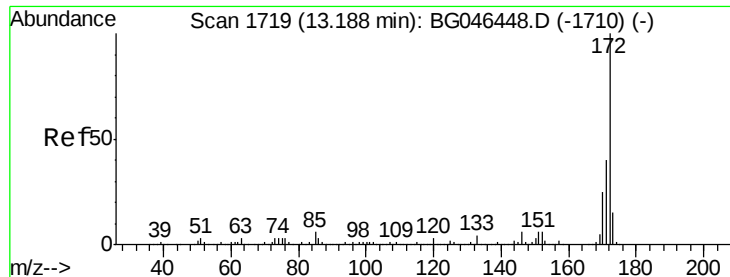
Tot Ion	196	Resp	92685
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.0	115.6
200	31.0	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 17.912 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Tgt Ion	196	Resp	96661
Ion Ratio	Lower	Upper	
196	100		
198	93.0	75.6	113.4
97	36.4	28.6	43.0
132	21.9	17.0	25.6

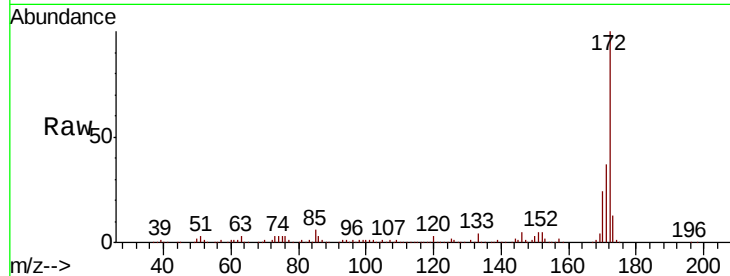




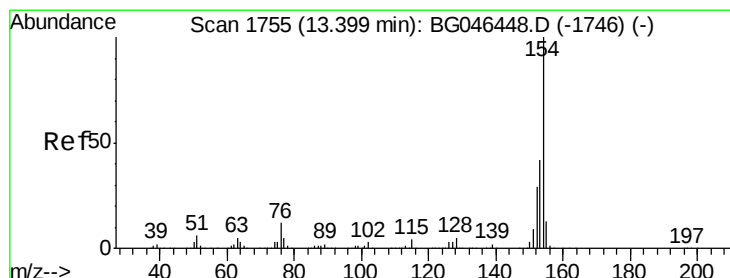
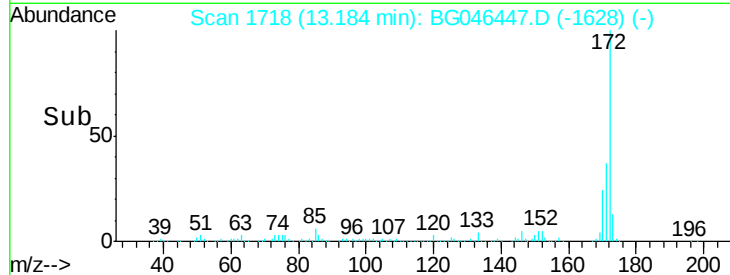
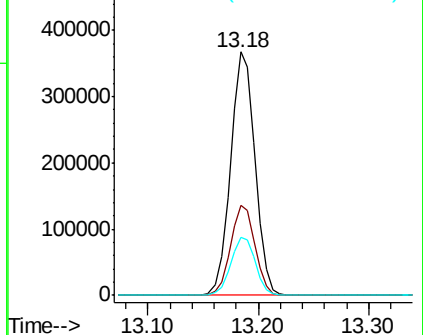
#45
 2-Fluorobiphenyl
 Concen: 38.373 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tot Ion:172 Resp: 568371
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.8 47.6
 170 23.7 20.3 30.5

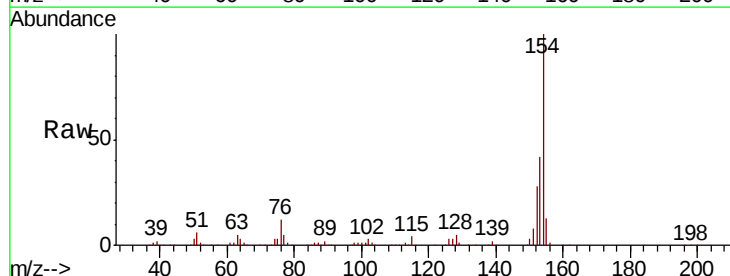


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

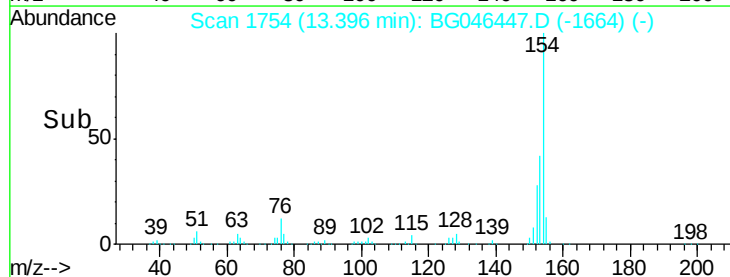
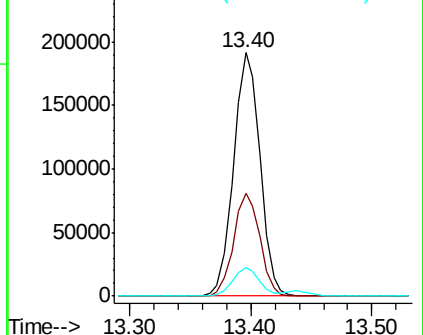


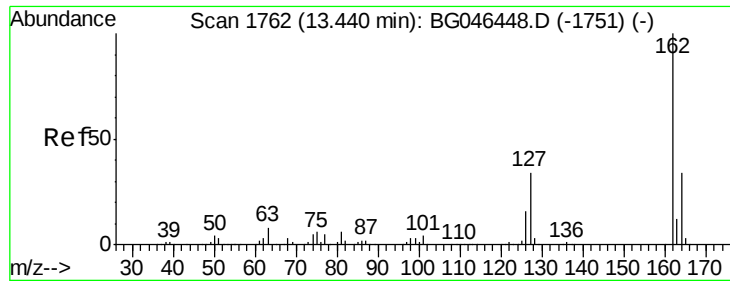
#46
 1,1'-Biphenyl
 Concen: 17.278 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Tgt Ion:154 Resp: 291626
 Ion Ratio Lower Upper
 154 100
 153 42.4 22.0 62.0
 76 11.7 0.0 32.3



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

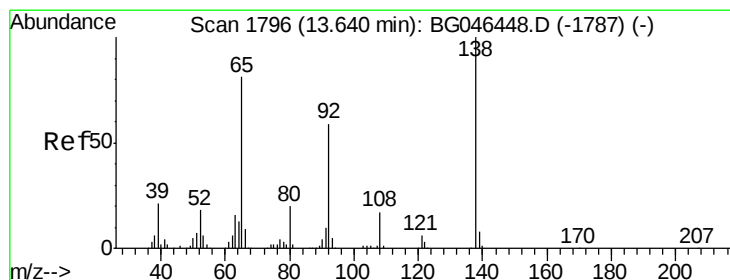
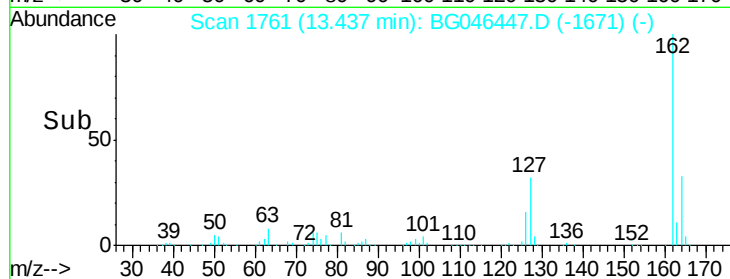
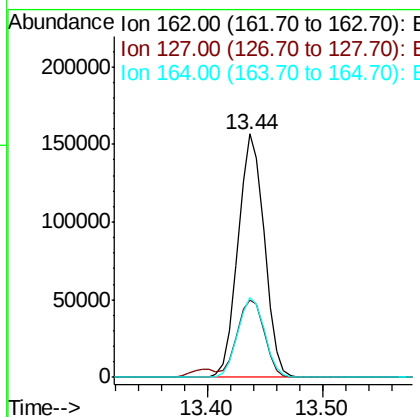
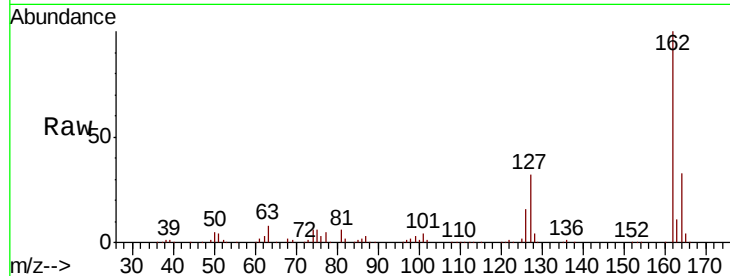




#47
 2-Chloronaphthalene
 Concen: 18.329 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

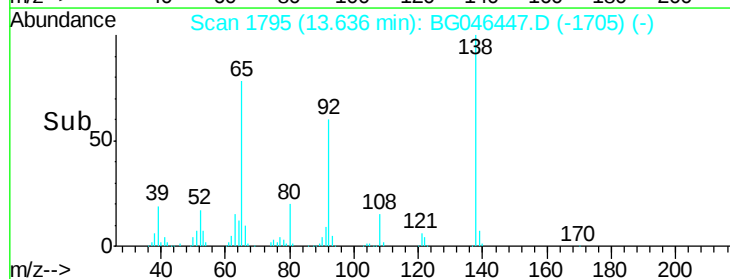
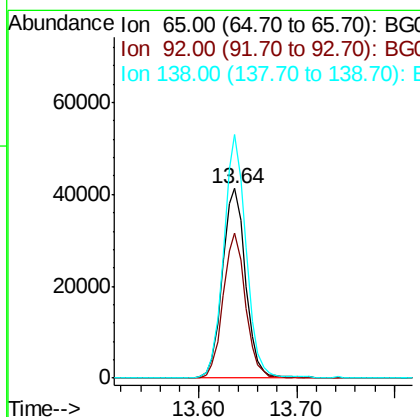
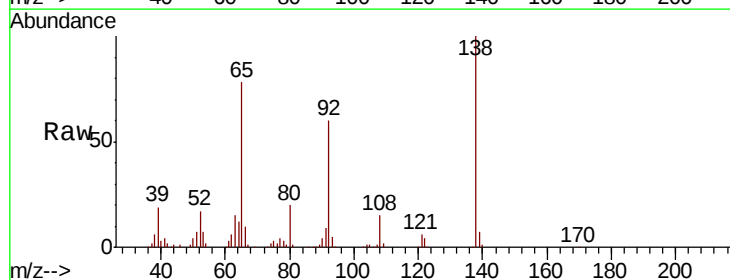
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

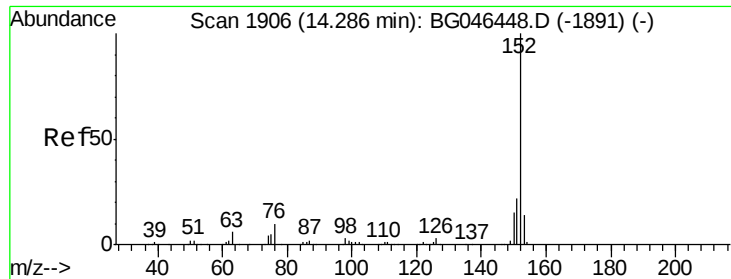
Tot Ion:162 Resp: 246775
 Ion Ratio Lower Upper
 162 100
 127 31.7 27.6 41.4
 164 32.8 27.3 40.9



#48
 2-Nitroaniline
 Concen: 19.289 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Tgt Ion: 65 Resp: 68073
 Ion Ratio Lower Upper
 65 100
 92 76.6 58.5 87.7
 138 128.7 98.4 147.6





#49

Acenaphthylene

Concen: 18.347 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

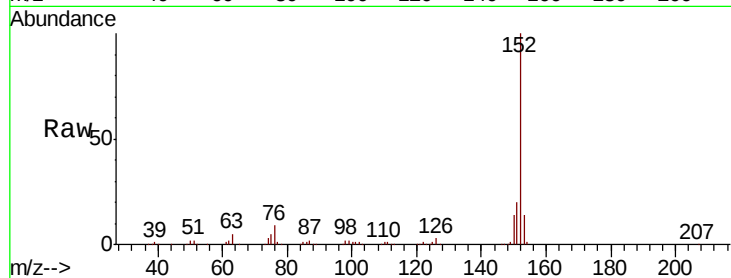
Tot Ion:152 Resp: 383559

Ion Ratio Lower Upper

152 100

151 20.5 17.7 26.5

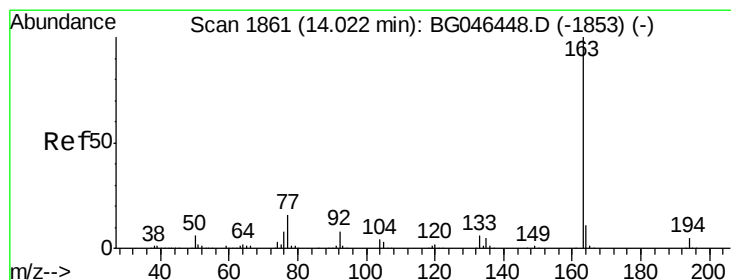
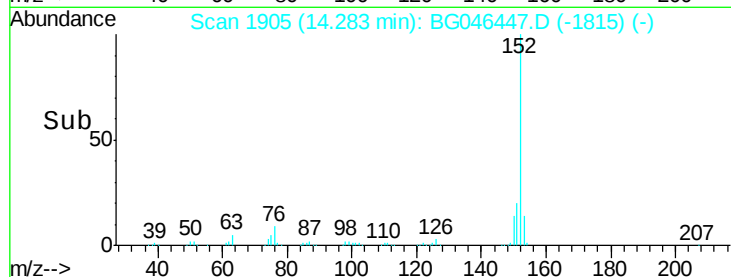
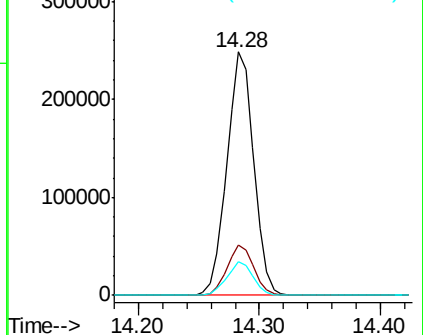
153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 19.972 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

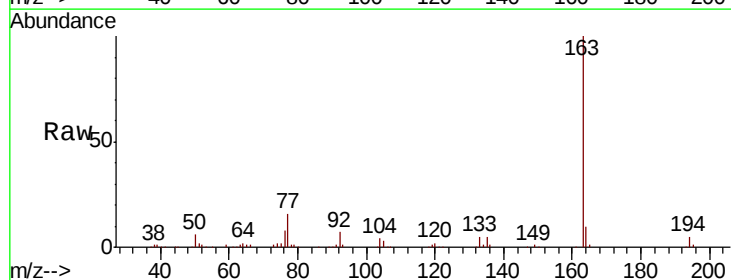
Tgt Ion:163 Resp: 329812

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

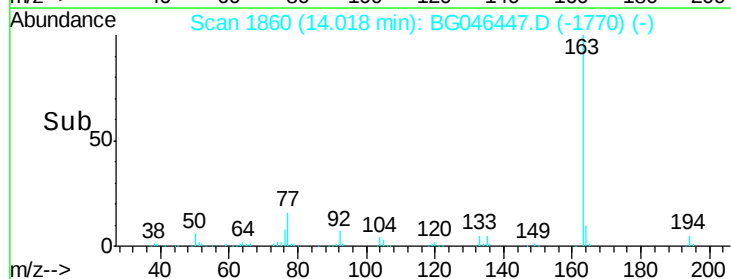
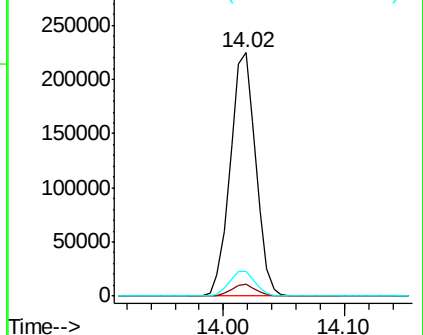
164 10.3 8.6 12.8

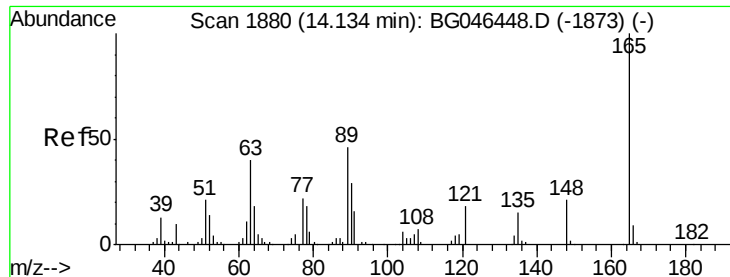


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

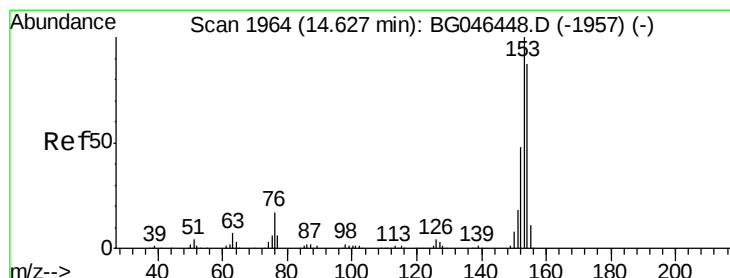
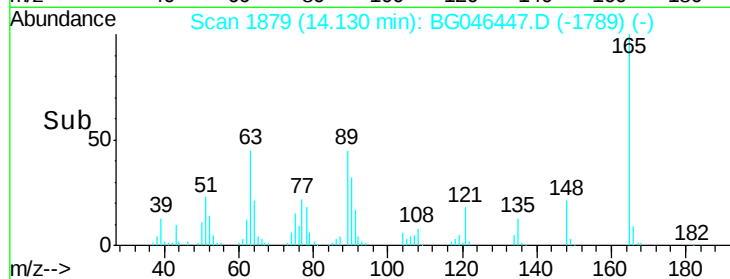
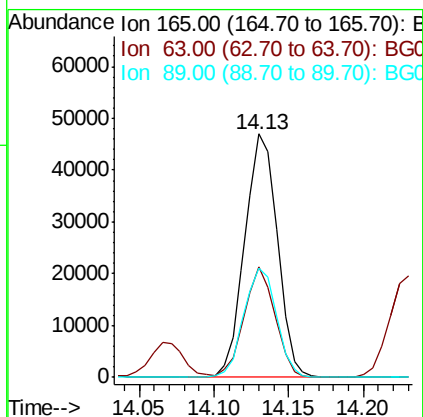
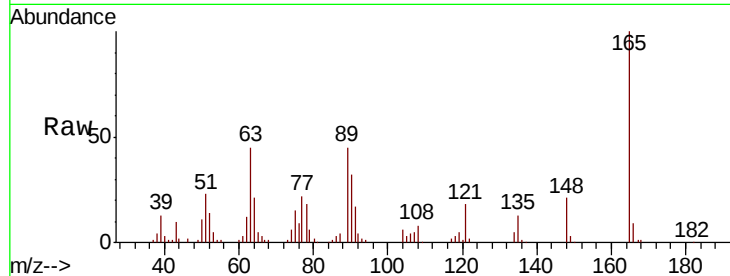




#51
2,6-Dinitrotoluene
Concen: 18.496 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

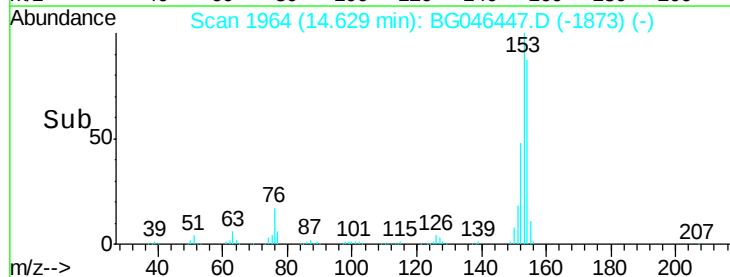
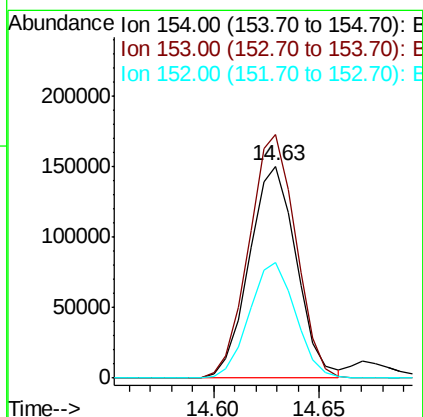
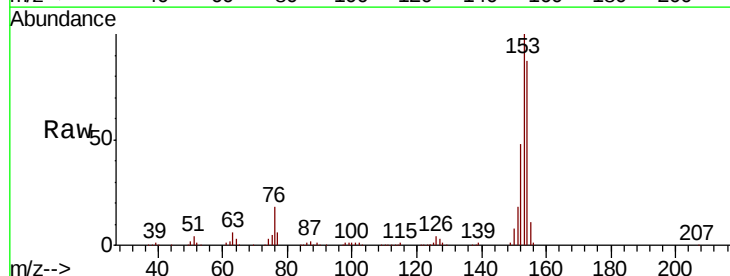
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

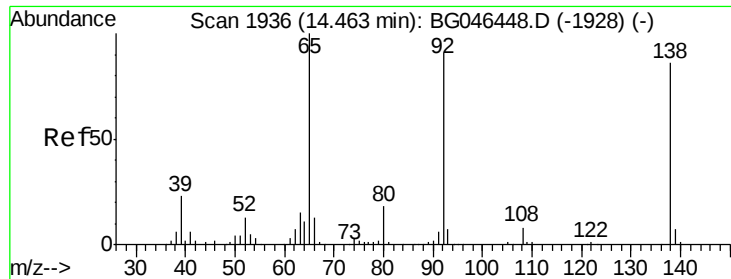
Tot Ion:165 Resp: 71085
Ion Ratio Lower Upper
165 100
63 45.5 34.2 51.4
89 44.9 37.0 55.4



#52
Acenaphthene
Concen: 16.905 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion:154 Resp: 233255
Ion Ratio Lower Upper
154 100
153 115.0 91.9 137.9
152 54.9 43.8 65.6





#53

3-Nitroaniline

Concen: 20.596 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

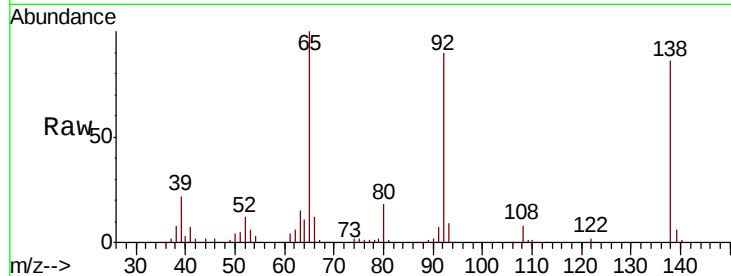
Tot Ion:138 Resp: 78474

Ion Ratio Lower Upper

138 100

108 9.5 7.0 10.6

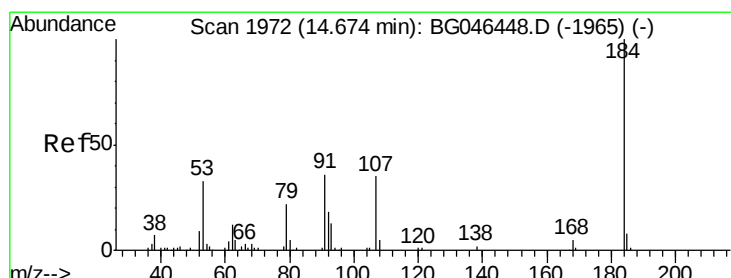
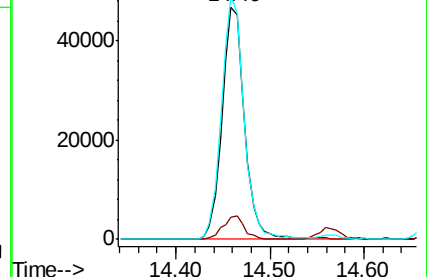
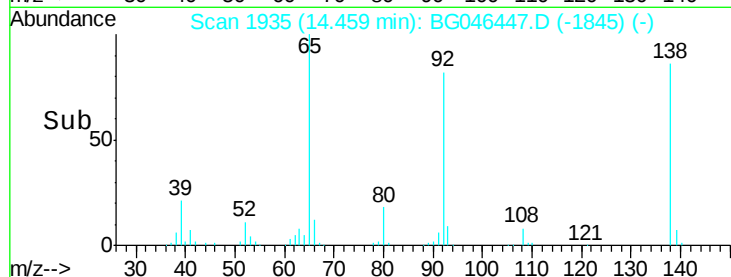
92 104.7 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 18.977 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

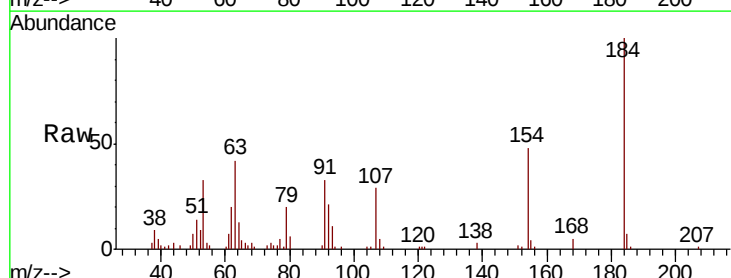
Tgt Ion:184 Resp: 38245

Ion Ratio Lower Upper

184 100

63 41.8 35.6 53.4

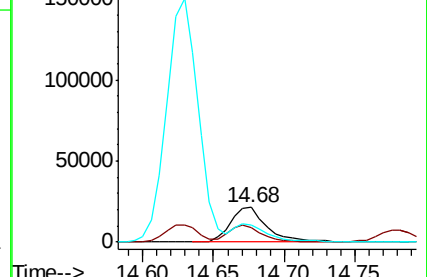
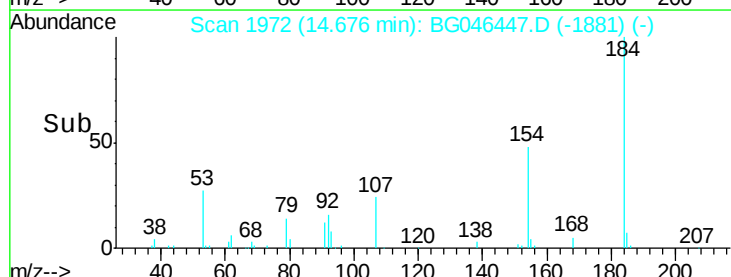
154 48.4 44.3 66.5

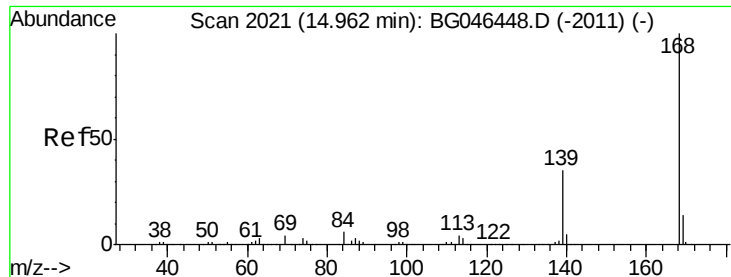


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

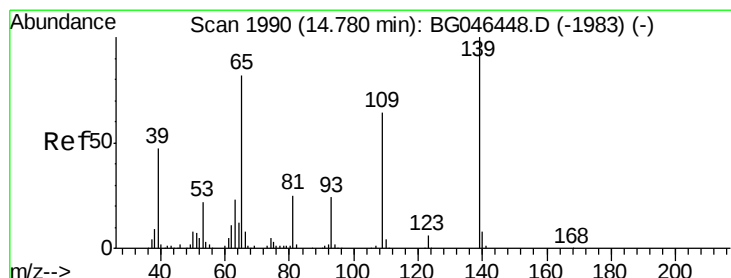
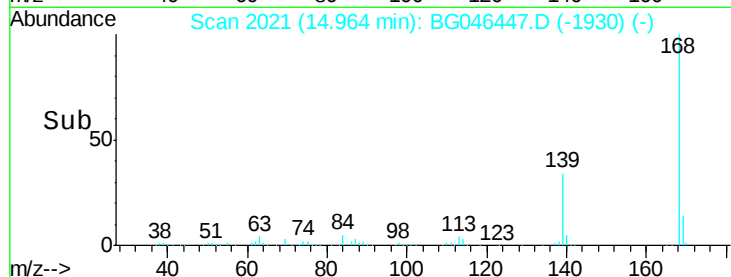
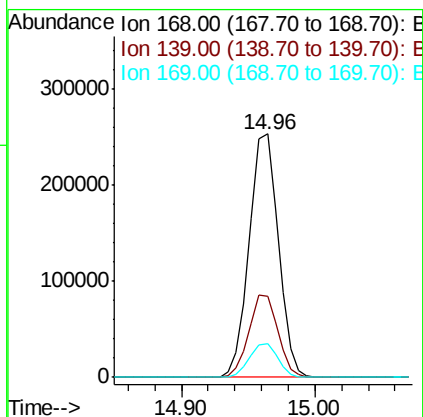
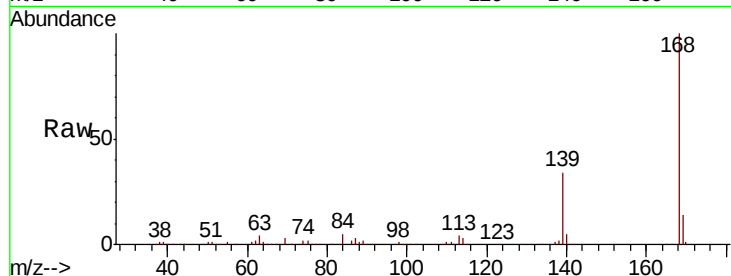




#55
Dibenzenofuran
Concen: 18.340 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

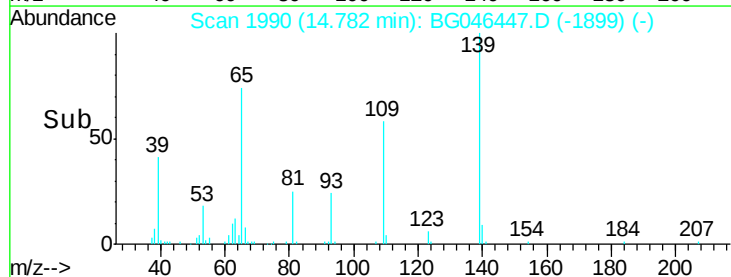
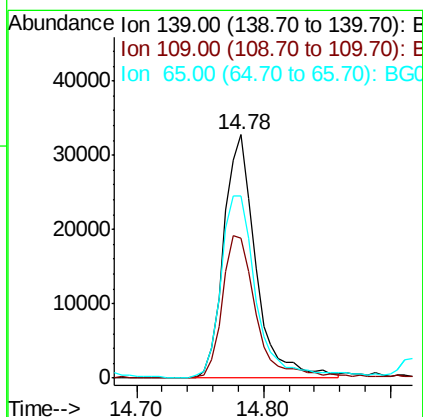
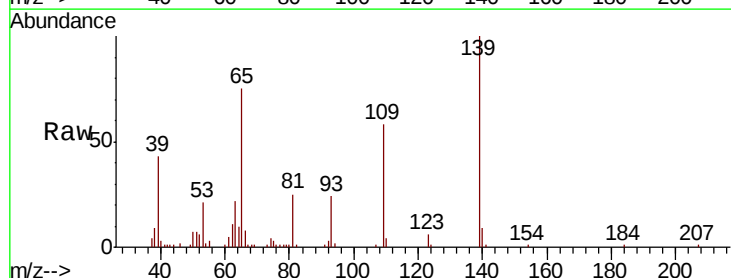
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

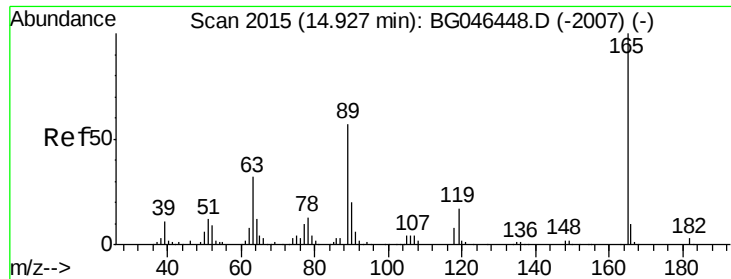
Tot Ion:168 Resp: 381833
Ion Ratio Lower Upper
168 100
139 33.5 28.1 42.1
169 13.6 11.5 17.3



#56
4-Nitrophenol
Concen: 17.392 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion:139 Resp: 57532
Ion Ratio Lower Upper
139 100
109 57.7 44.3 84.3
65 75.0 61.5 101.5

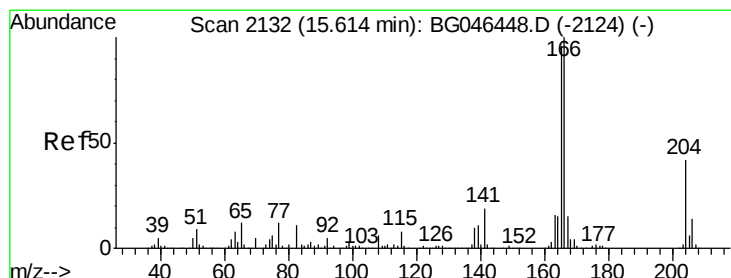
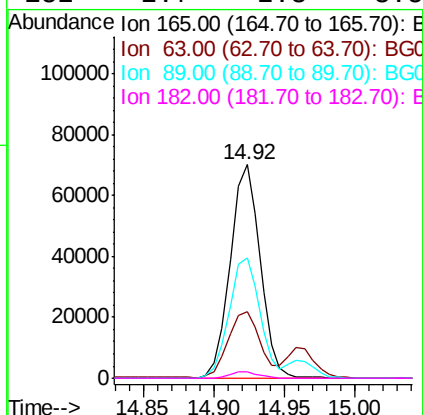
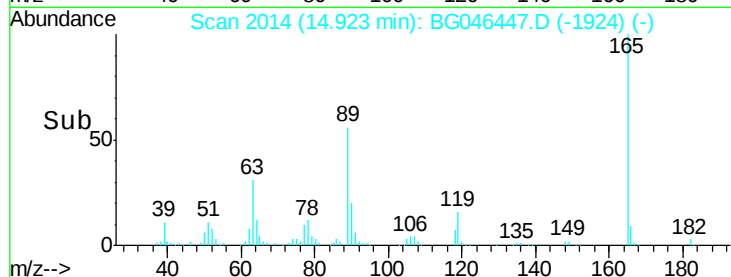
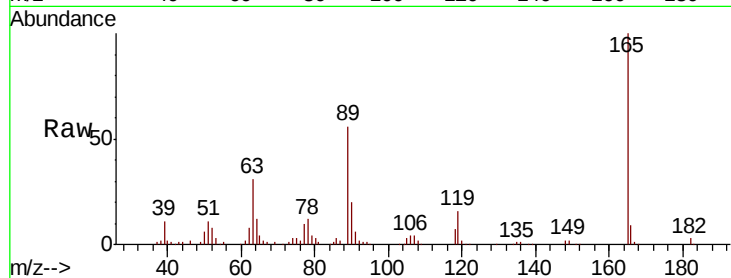




#57
2,4-Dinitrotoluene
Concen: 19.647 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

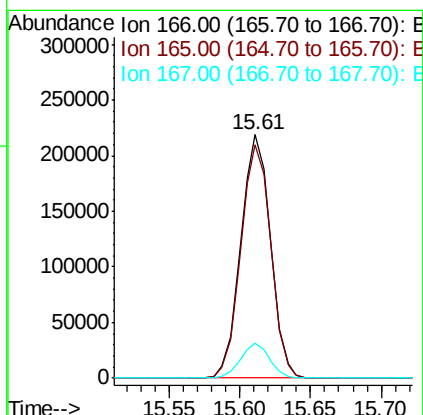
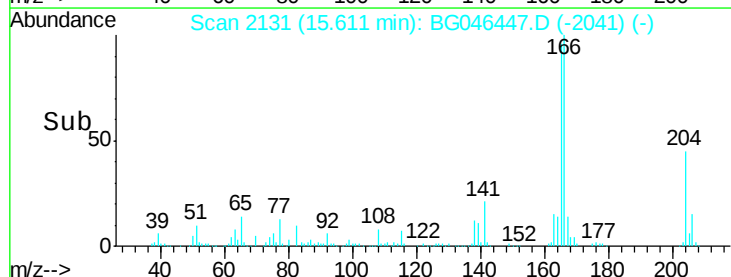
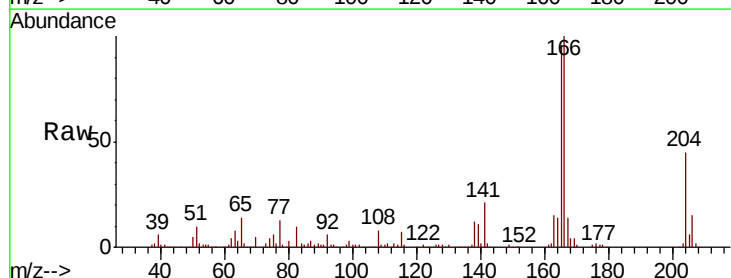
Instrument :
BNA_G
ClientSampleId :
SSTDIC020

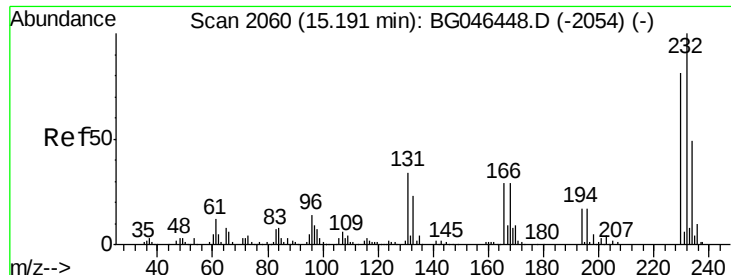
Tot Ion	Ratio	Lower	Upper
165	100		
63	31.3	25.4	38.0
89	56.5	45.9	68.9
182	2.7	2.3	3.5



#58
Fluorene
Concen: 19.140 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.0	115.4
167	14.2	11.8	17.6

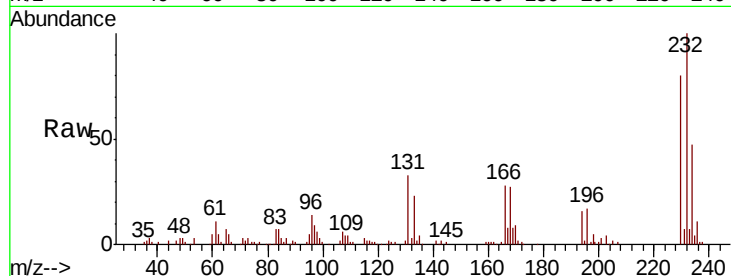




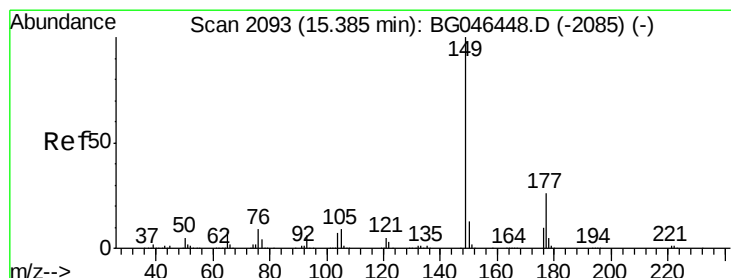
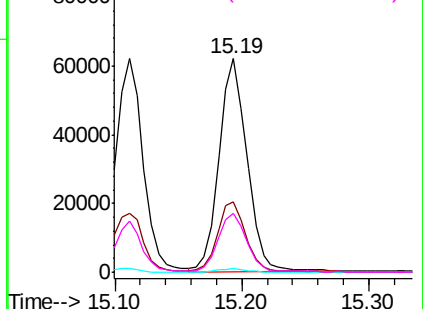
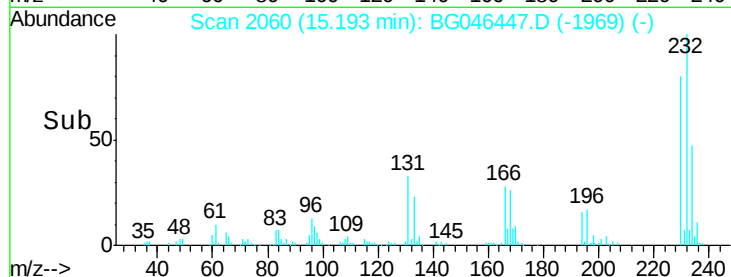
#59
2,3,4,6-Tetrachlorophenol
Concen: 18.688 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion:232 Resp: 94994
Ion Ratio Lower Upper
232 100
131 33.3 26.8 40.2
130 1.7 1.4 2.2
166 28.6 22.8 34.2

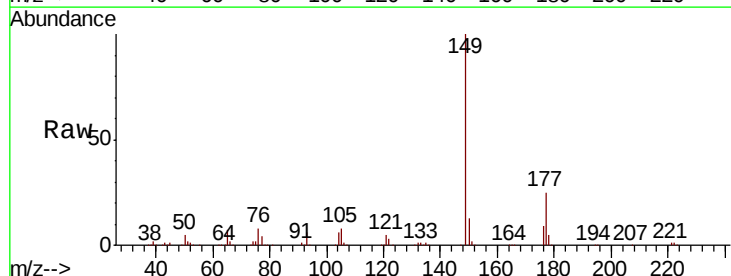


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

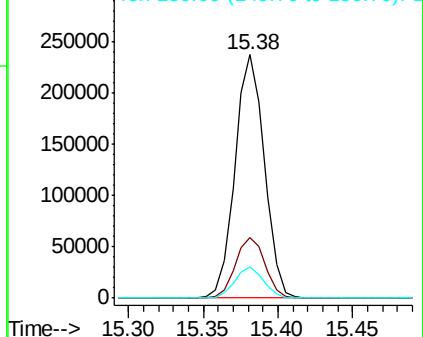
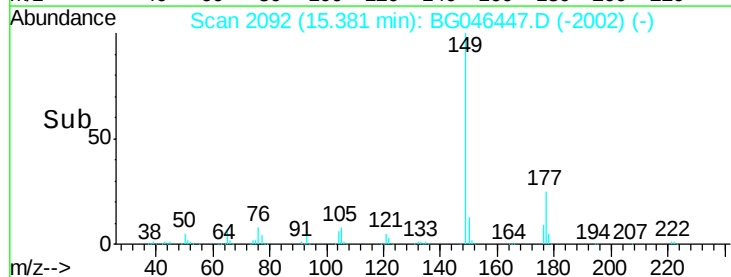


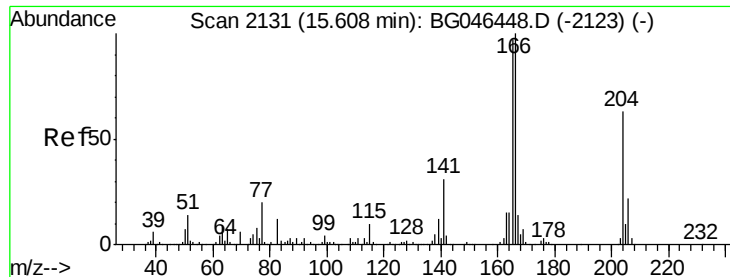
#60
Diethylphthalate
Concen: 19.940 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion:149 Resp: 323921
Ion Ratio Lower Upper
149 100
177 25.0 20.6 30.8
150 12.7 10.3 15.5



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

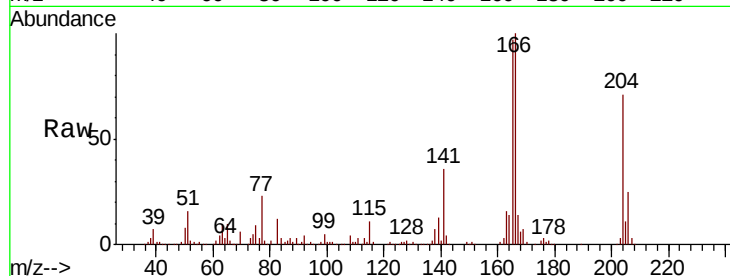




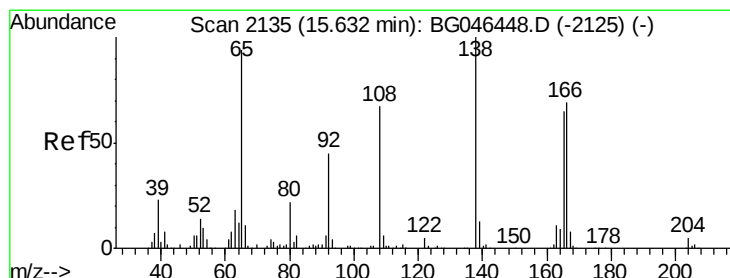
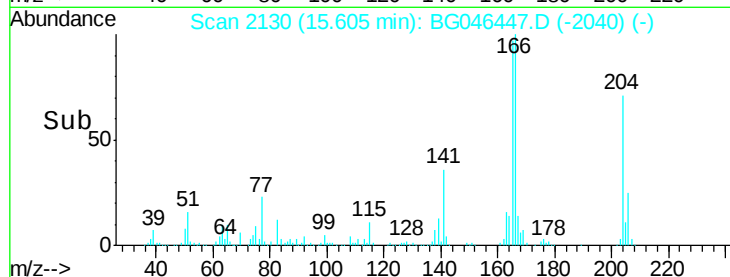
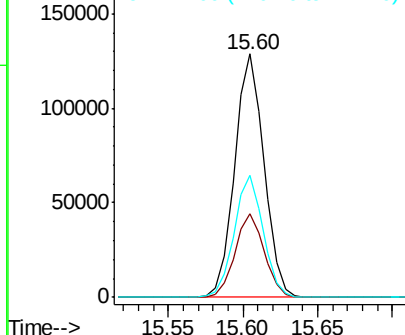
#61
4-Chlorophenyl-phenylether
Concen: 19.972 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion:204 Resp: 175873
Ion Ratio Lower Upper
204 100
206 34.5 27.7 41.5
141 50.3 38.7 58.1

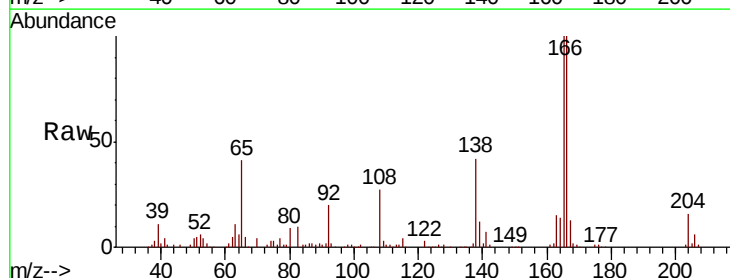


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

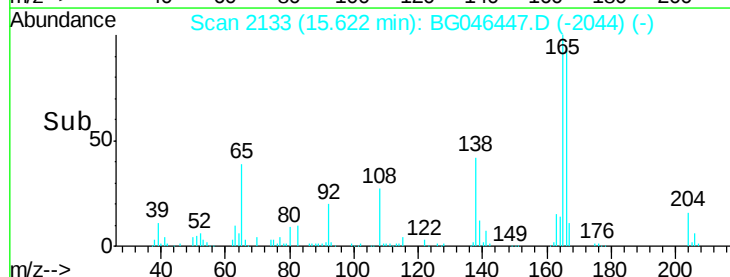
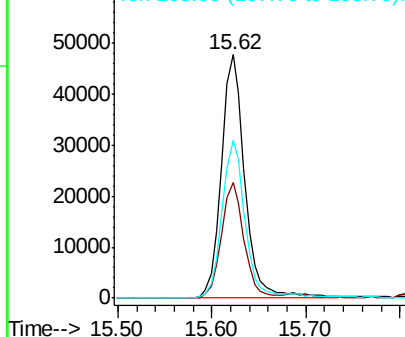


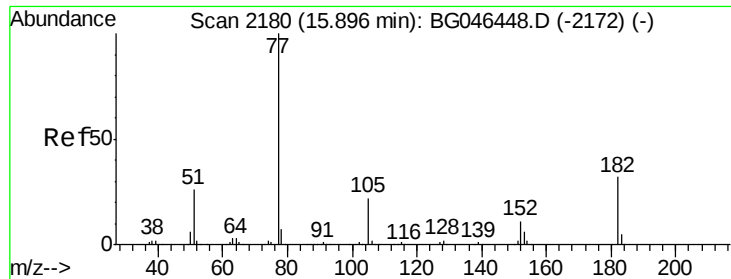
#62
4-Nitroaniline
Concen: 21.713 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion:138 Resp: 83204
Ion Ratio Lower Upper
138 100
92 47.4 25.3 65.3
108 65.0 46.7 86.7



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





#63

Azobenzene

Concen: 17.240 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tot Ion: 77 Resp: 262474

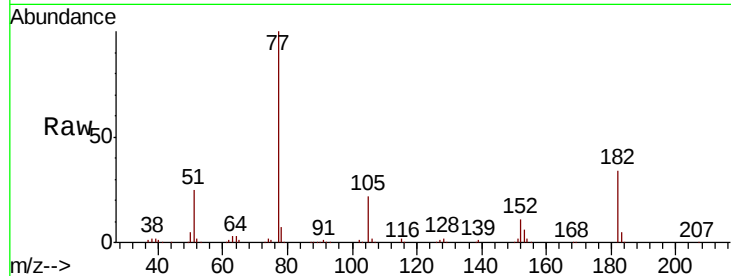
Ion Ratio Lower Upper

77 100

182 33.7 12.3 52.3

105 21.9 2.3 42.3

51 25.3 6.5 46.5

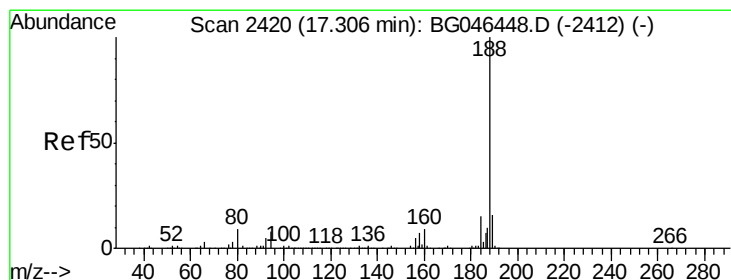
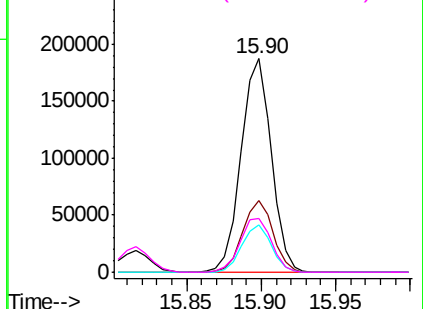
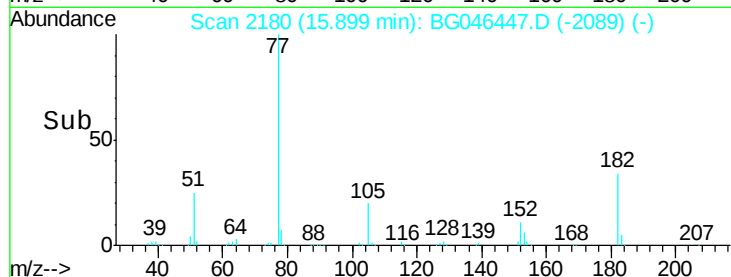


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

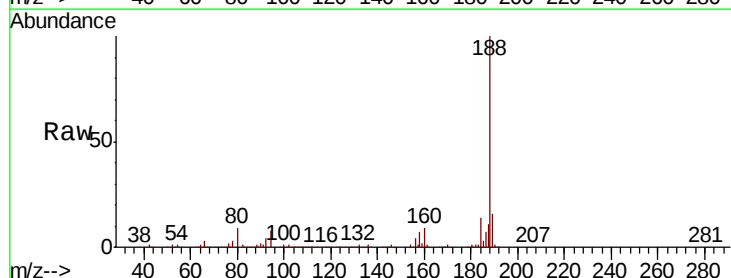
Tgt Ion: 188 Resp: 540688

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

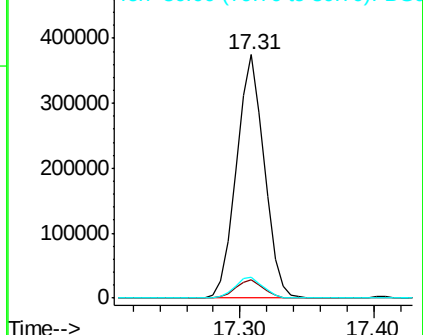
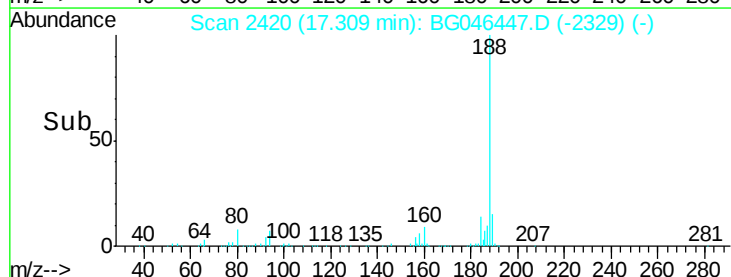
80 8.6 6.9 10.3

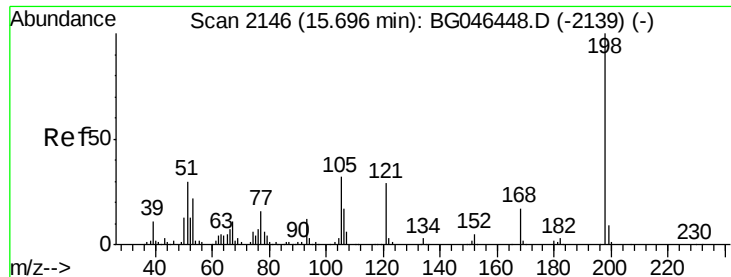


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 16.448 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

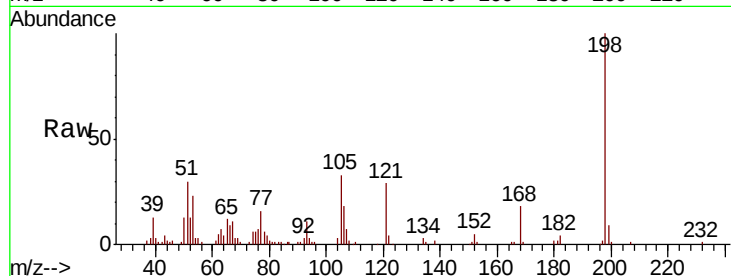
Tot Ion:198 Resp: 58814

Ion Ratio Lower Upper

198 100

51 29.8 10.4 50.4

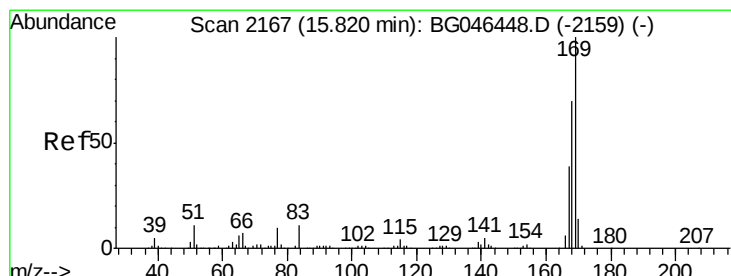
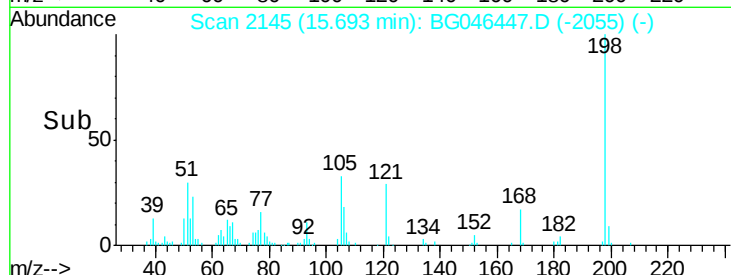
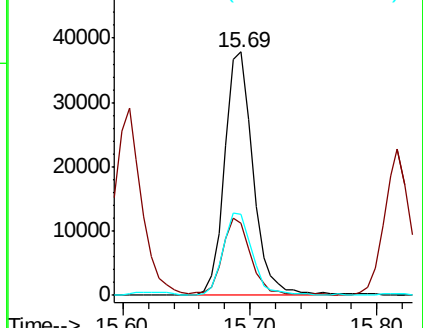
105 33.0 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 17.373 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

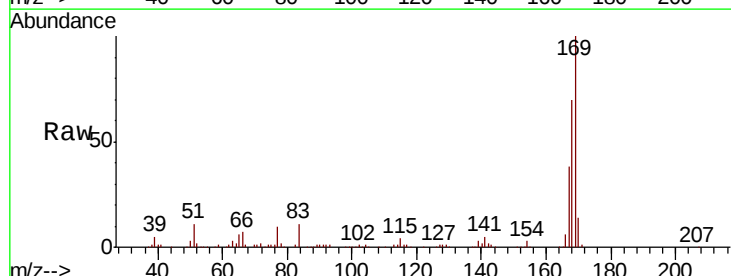
Tgt Ion:169 Resp: 284343

Ion Ratio Lower Upper

169 100

168 69.7 55.8 83.8

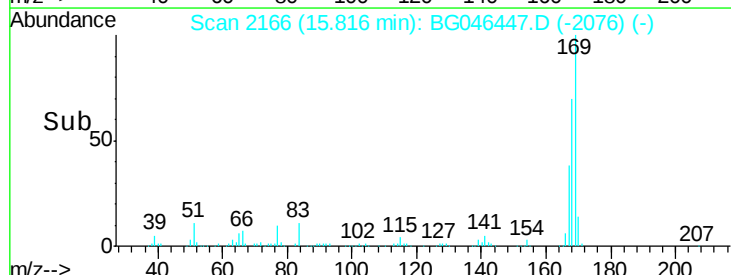
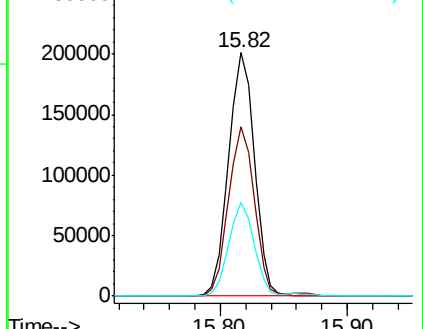
167 38.5 31.0 46.6

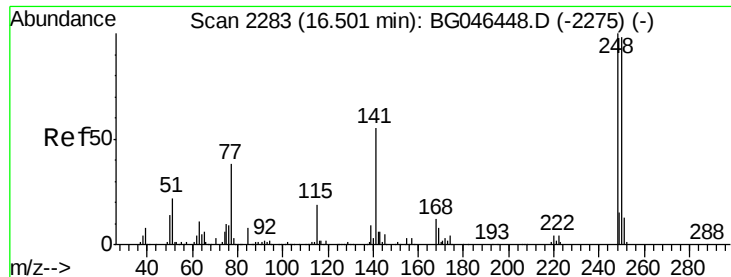


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

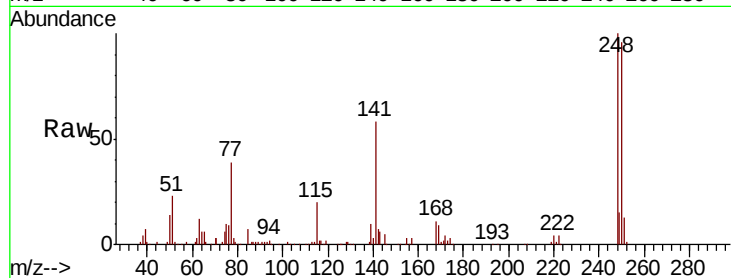




#67
4-Bromophenyl-phenylether
Concen: 18.045 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Instrument :
BNA_G
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.6	118.0
141	58.0	43.9	65.9

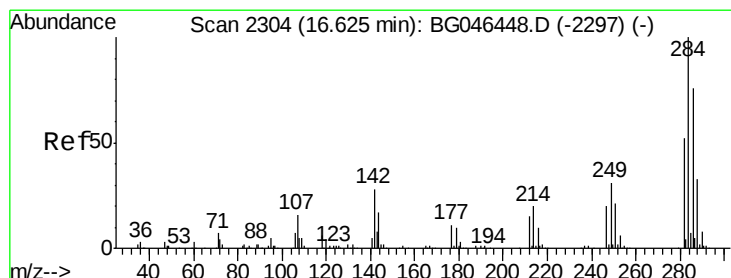
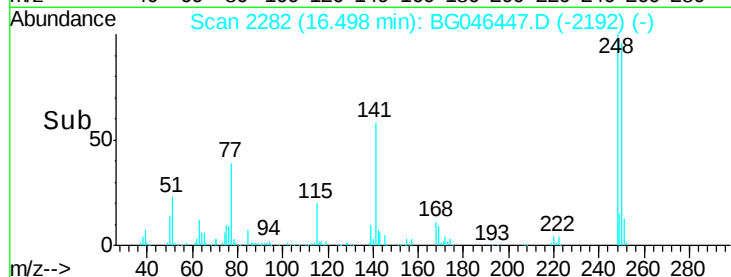
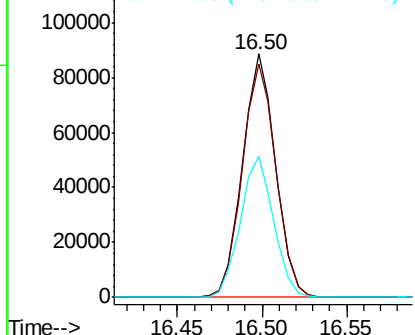


Abundance

Ion 248.00 (247.70 to 248.70): E

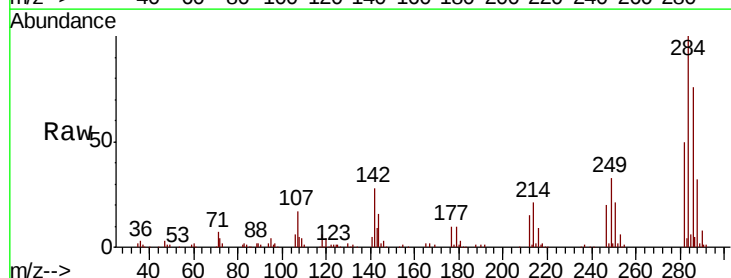
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 17.879 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046447.D
Acq: 25 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.3	33.5
249	32.6	24.8	37.2

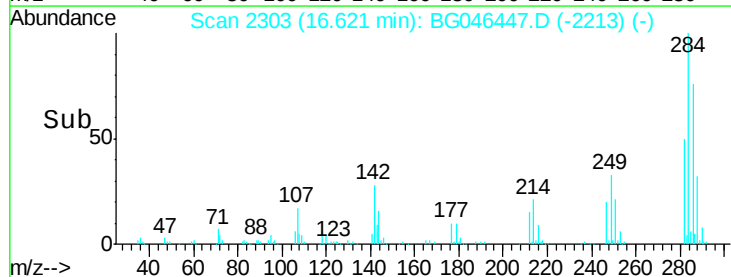
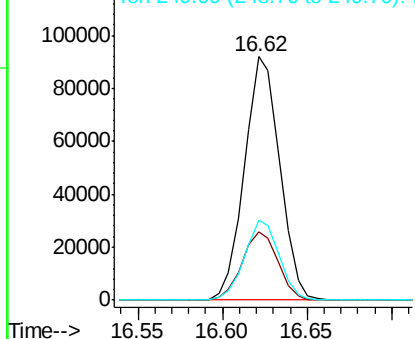


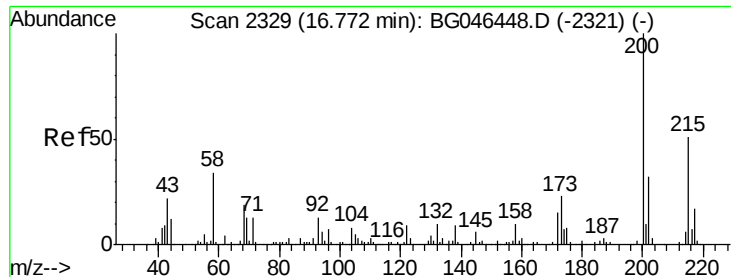
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 18.940 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

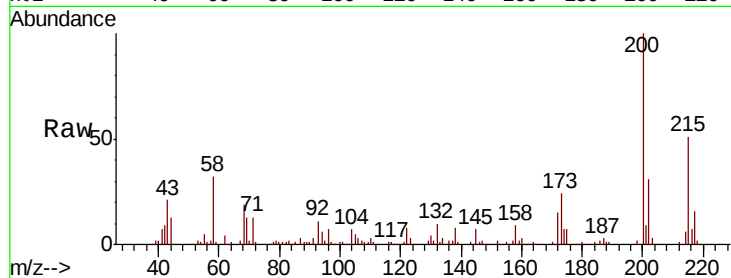
Tot Ion:200 Resp: 119368

Ion Ratio Lower Upper

200 100

173 24.2 3.3 43.3

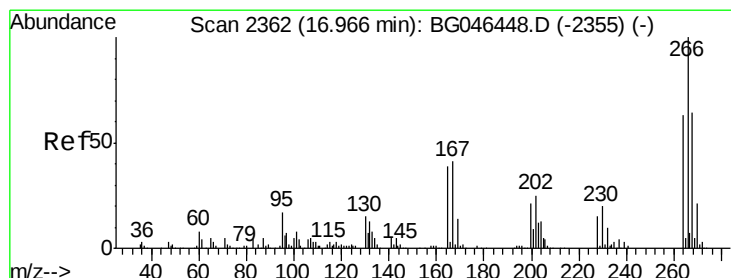
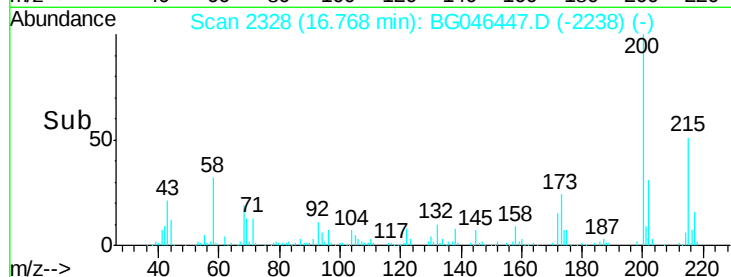
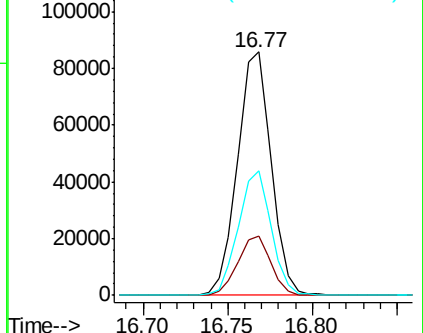
215 51.0 30.9 70.9



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: 14.745 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

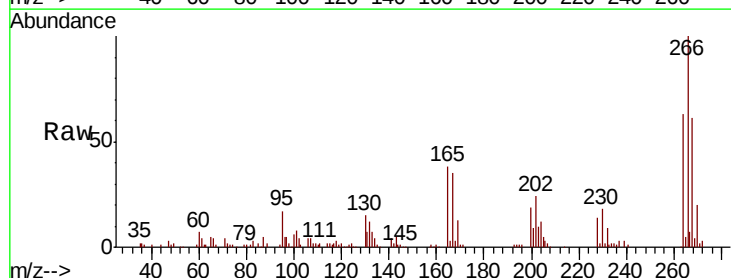
Tgt Ion:266 Resp: 71661

Ion Ratio Lower Upper

266 100

268 61.2 51.1 76.7

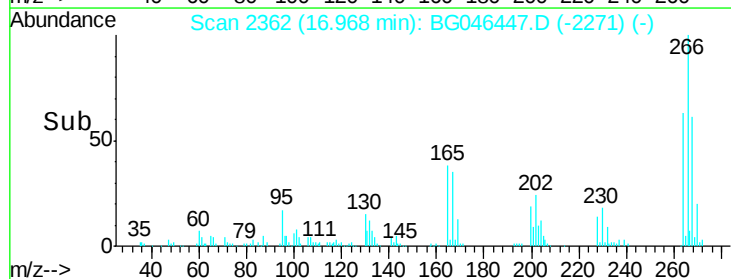
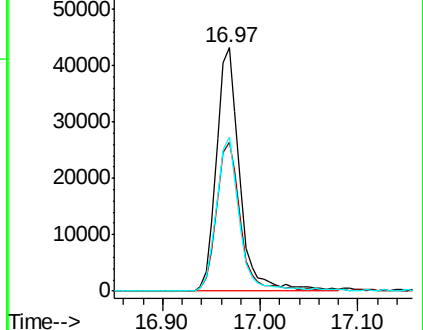
264 63.4 50.2 75.2

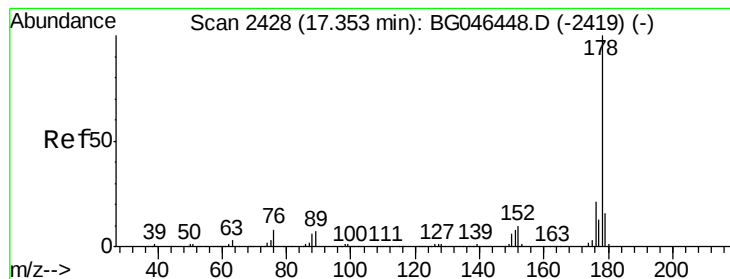


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 18.450 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

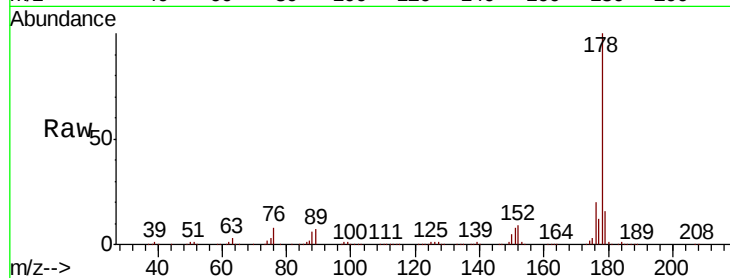
Tot Ion:178 Resp: 546454

Ion Ratio Lower Upper

178 100

176 19.8 16.8 25.2

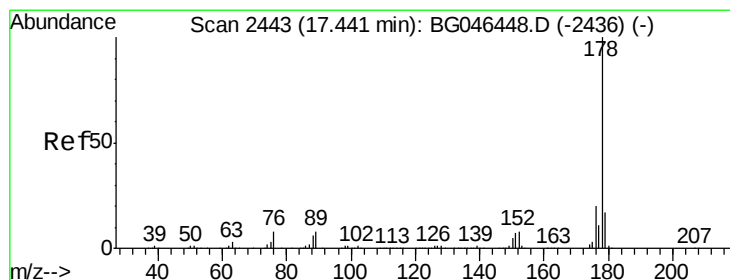
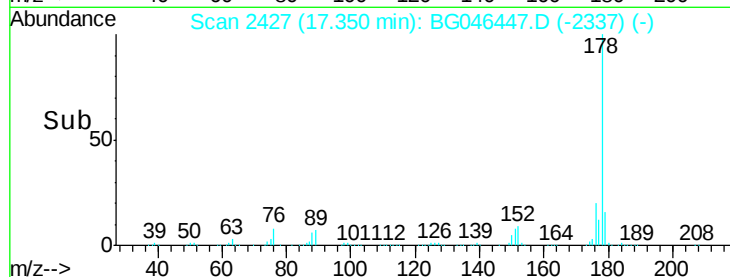
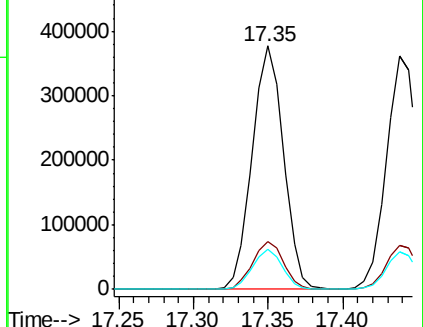
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 18.367 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

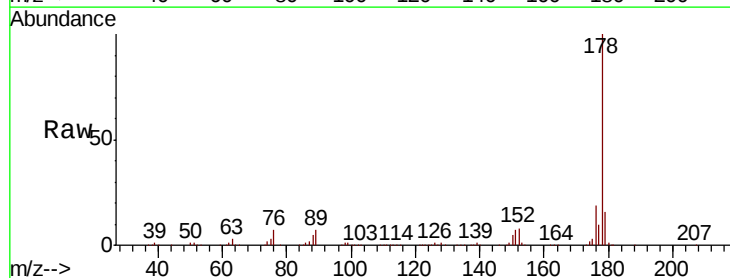
Tgt Ion:178 Resp: 541088

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

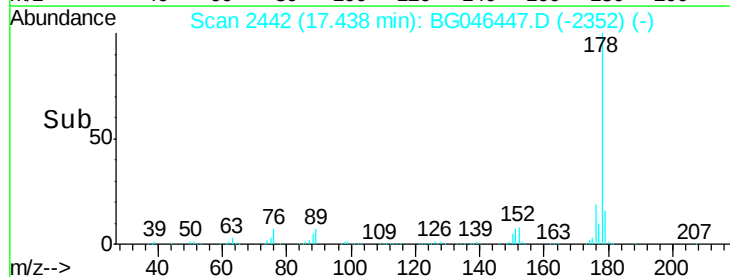
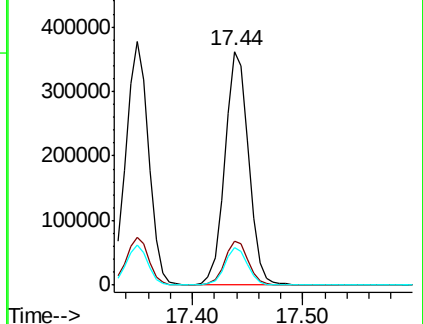
179 15.9 13.3 19.9

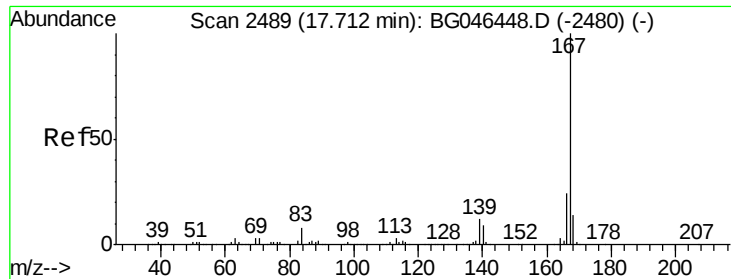


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

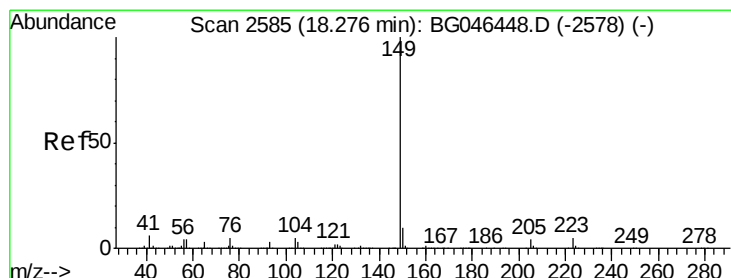
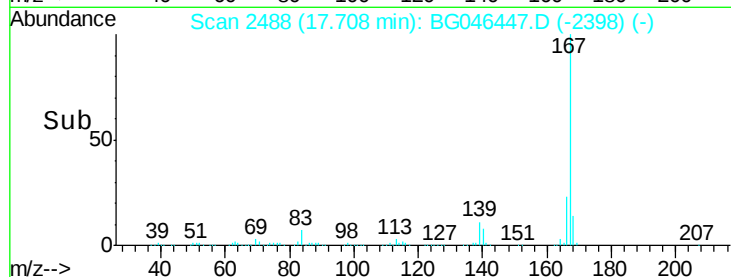
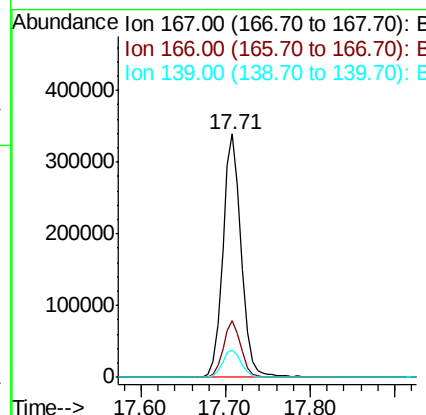
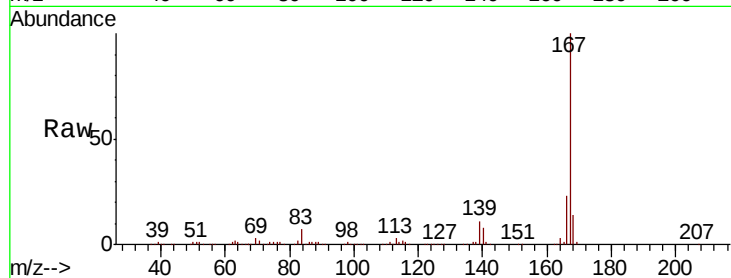




#73
 Carbazole
 Concen: 18.080 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

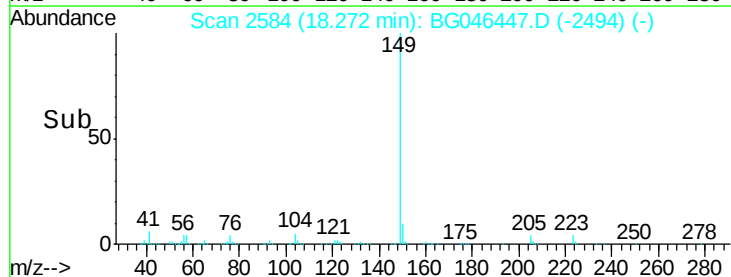
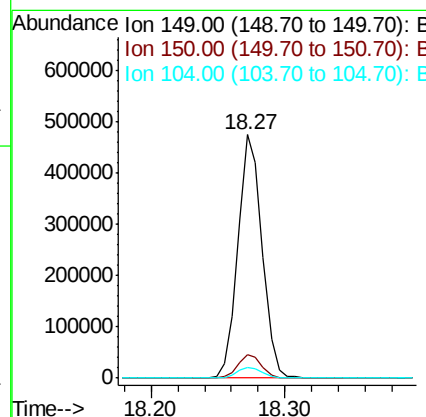
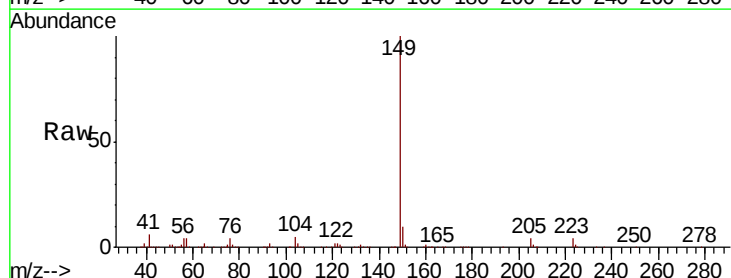
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.3	28.9
139	11.3	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 20.111 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.6	4.0	6.0





#75

Fluoranthene

Concen: 19.672 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

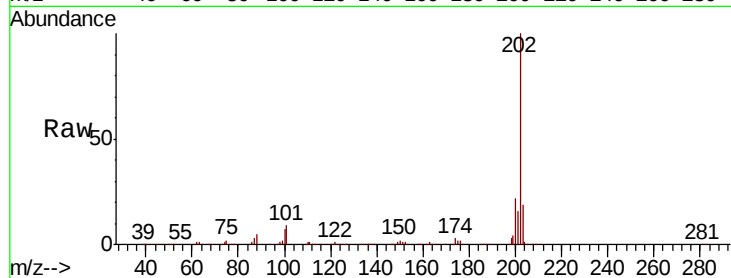
Tot Ion:202 Resp: 727407

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.9

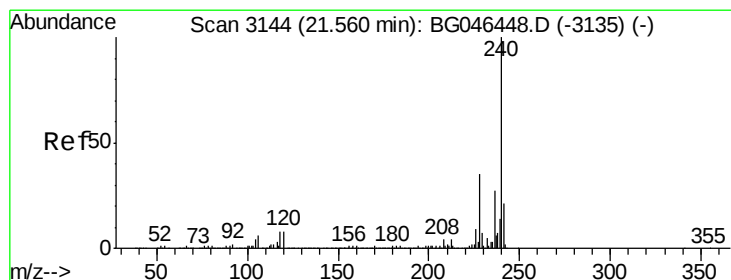
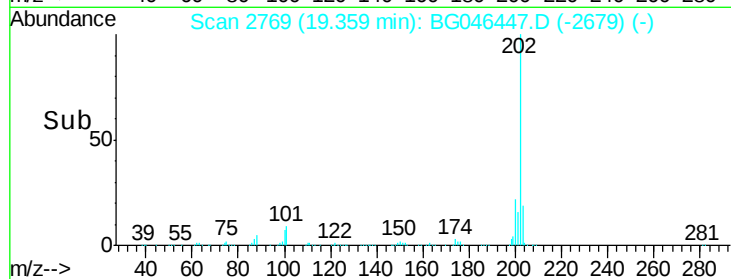
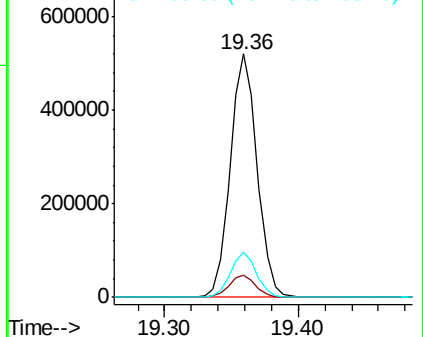
203 18.7 0.0 40.0



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: 21.56 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

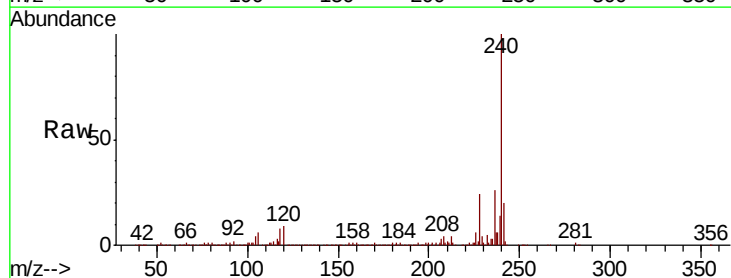
Tgt Ion:240 Resp: 575451

Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

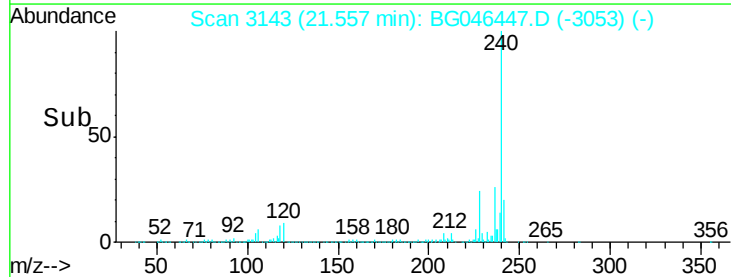
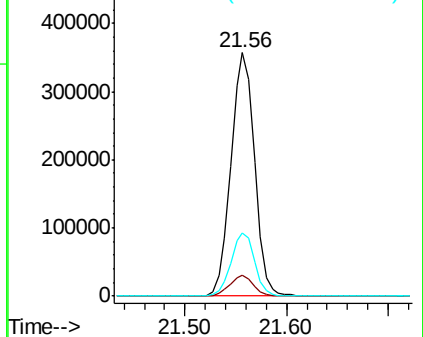
236 25.8 21.4 32.2

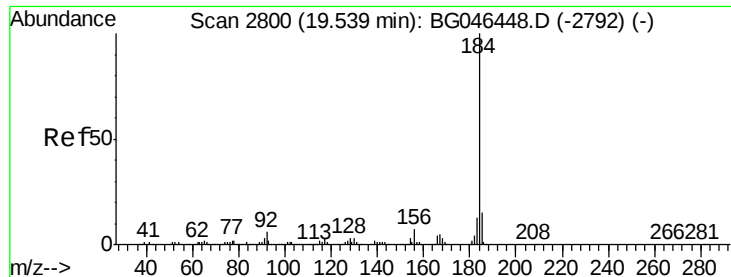


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.797 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

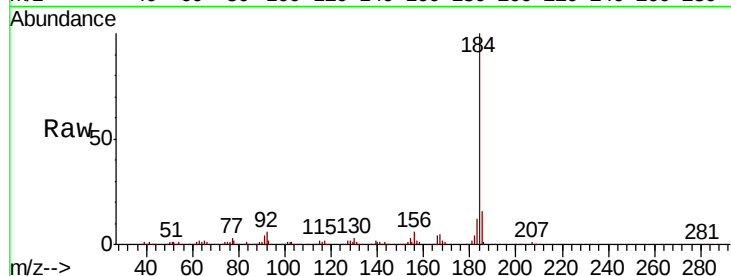
BNA_G

ClientSampleId :

SSTDIC020

Tot Ion:184 Resp: 241185

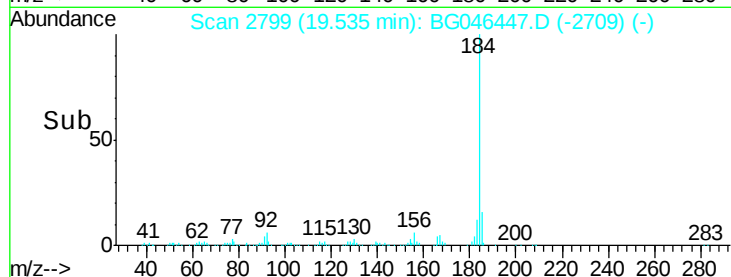
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.8
183	12.4	10.7	16.1



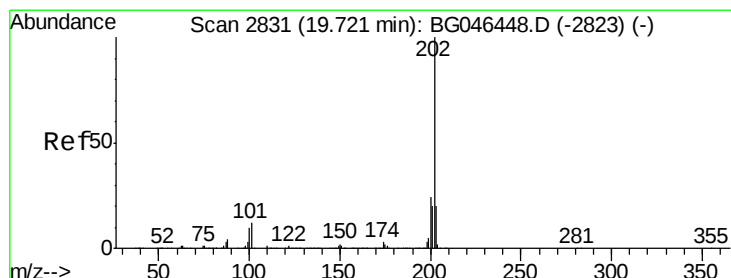
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 19.183 ng

RT: 19.72 min Scan# 2830

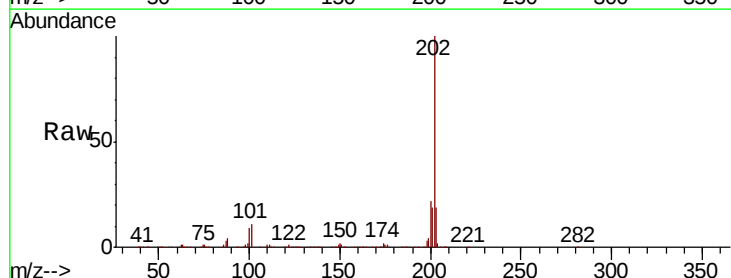
Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Tgt Ion:202 Resp: 741709

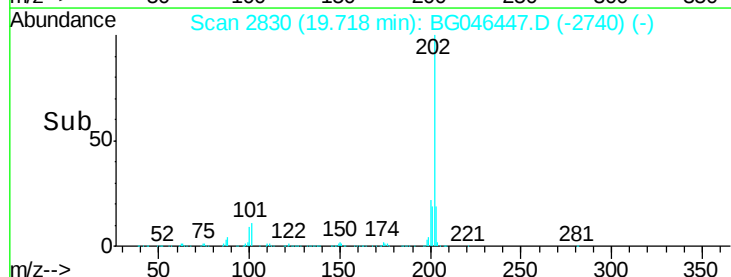
Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.9	28.3
203	18.6	16.1	24.1



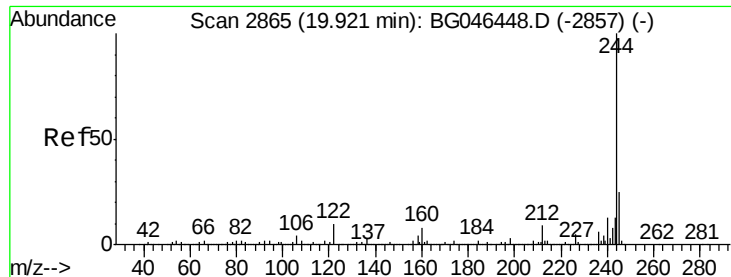
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 40.224 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

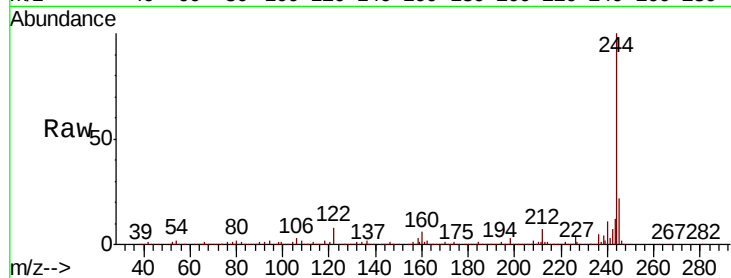
BNA_G

ClientSampleId :

SSTDICC020

Tot Ion:244 Resp: 1136544

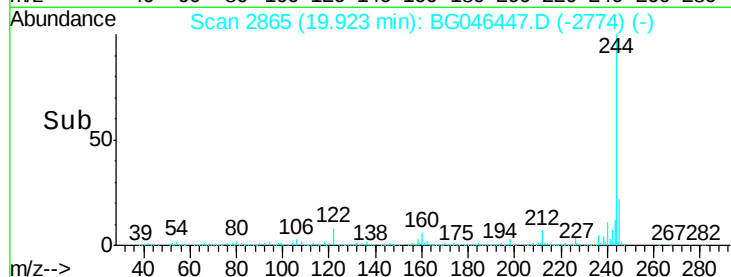
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.9	10.3
122	8.4	8.2	12.4



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



1200000

1000000

800000

600000

400000

200000

0

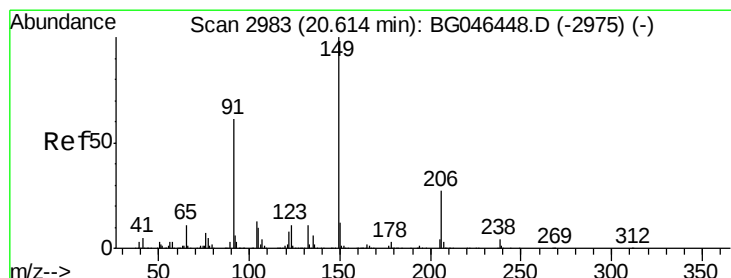
19.92

19.80

19.90

20.00

Time-->



#80

Butylbenzylphthalate

Concen: 20.132 ng

RT: 20.61 min Scan# 2982

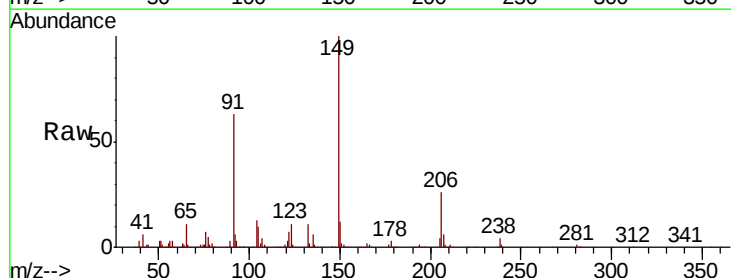
Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Tgt Ion:149 Resp: 281972

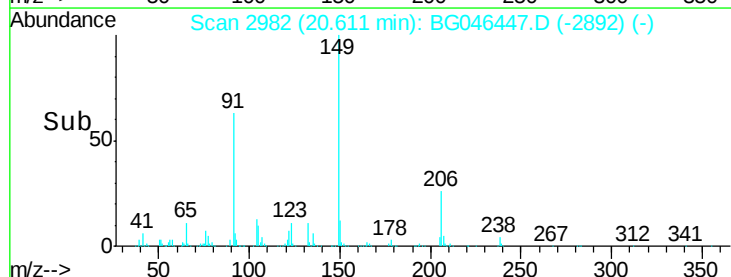
Ion	Ratio	Lower	Upper
149	100		
91	63.5	49.1	73.7
206	26.3	21.9	32.9



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



300000

200000

100000

0

20.61

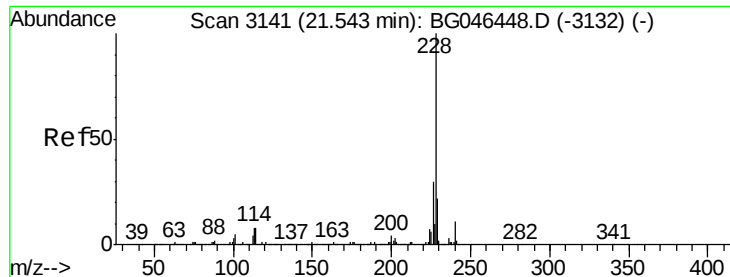
20.55

20.60

20.65

20.70

Time-->



#81

Benzo(a)anthracene

Concen: 18.675 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

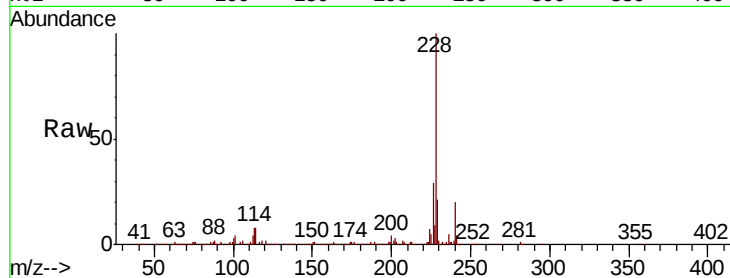
Tot Ion:228 Resp: 719154

Ion Ratio Lower Upper

228 100

226 28.6 24.2 36.4

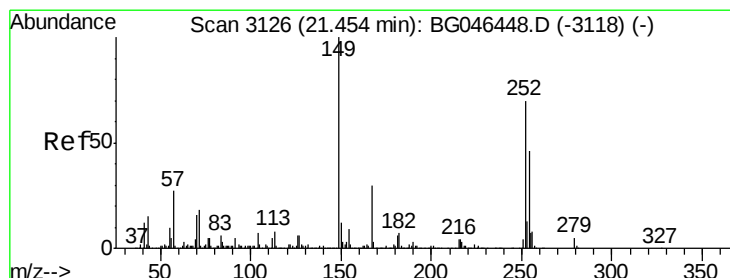
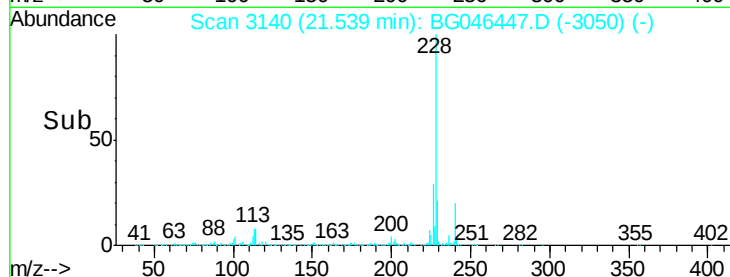
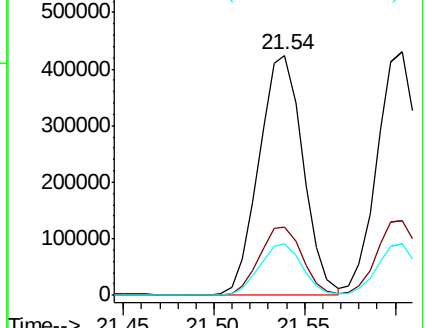
229 21.3 17.4 26.2



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: 16.725 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

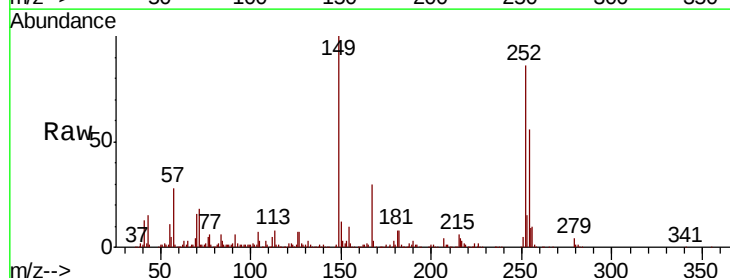
Tgt Ion:252 Resp: 267456

Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

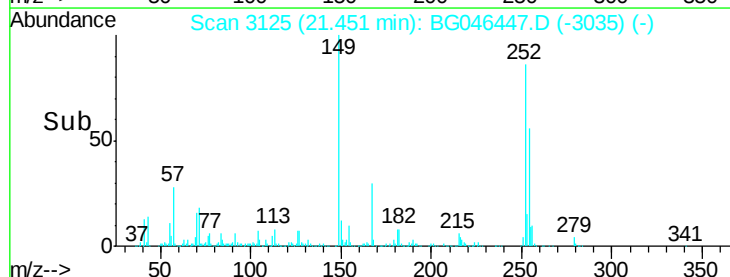
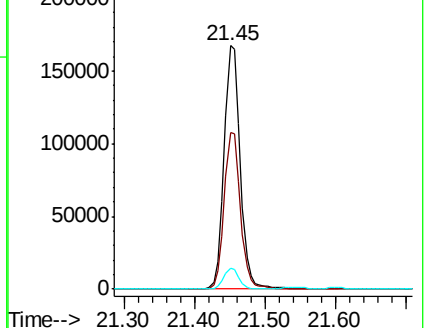
126 8.5 7.4 11.0

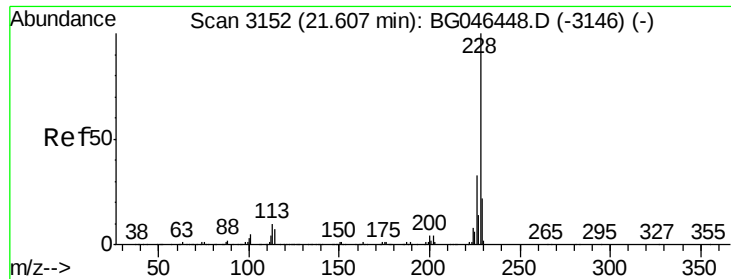


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 18.294 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

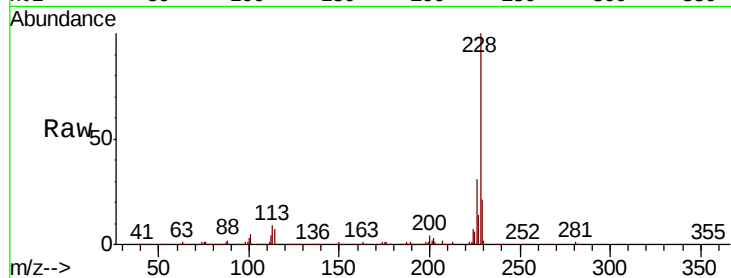
BNA_G

ClientSampleId :

SSTDICC020

Tot Ion:228 Resp: 690138

Ion	Ratio	Lower	Upper
228	100		
226	30.9	26.2	39.4
229	21.2	17.9	26.9

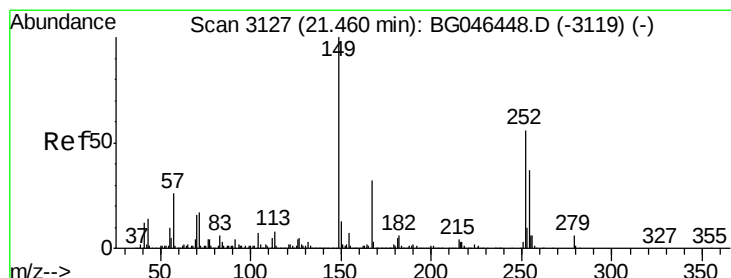
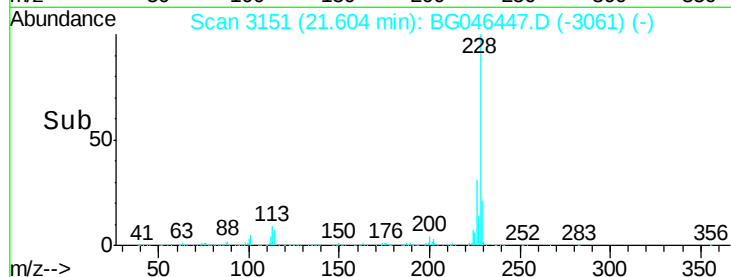
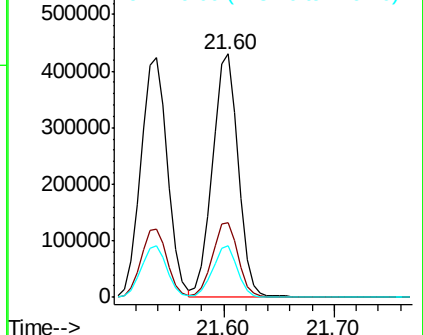


Abundance

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: 19.483 ng

RT: 21.46 min Scan# 3126

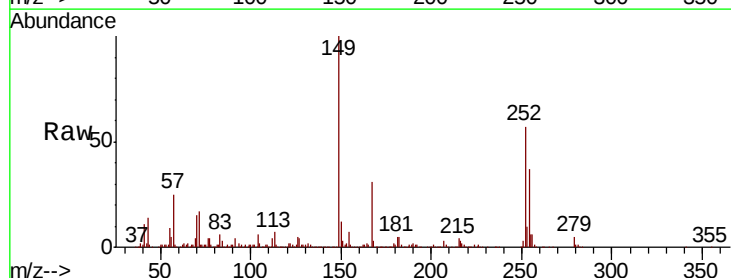
Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Tgt Ion:149 Resp: 390129

Ion	Ratio	Lower	Upper
149	100		
167	31.0	25.4	38.2
279	5.2	4.5	6.7

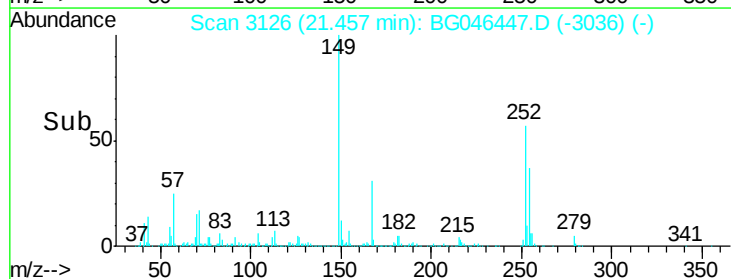
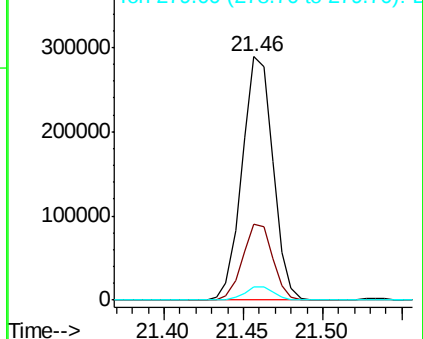


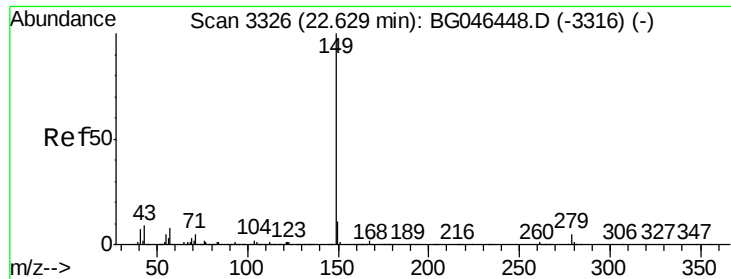
Abundance

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: 19.511 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDIC020

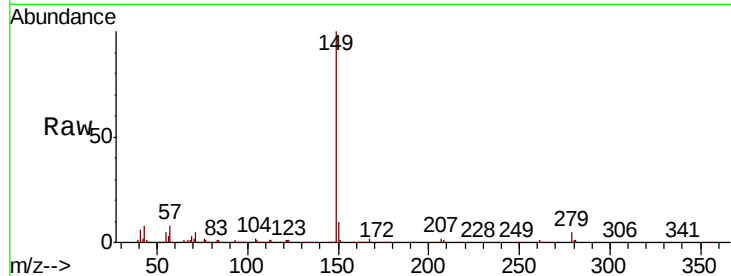
Tot Ion:149 Resp: 661500

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

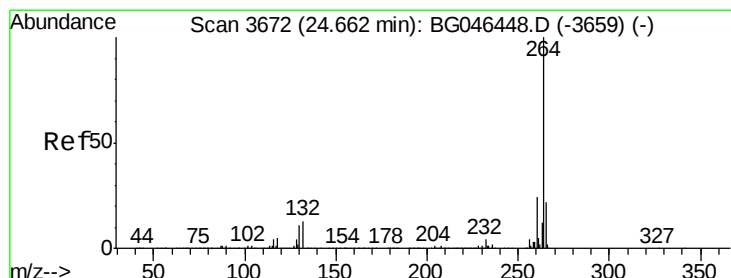
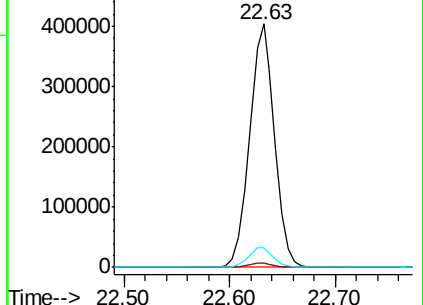
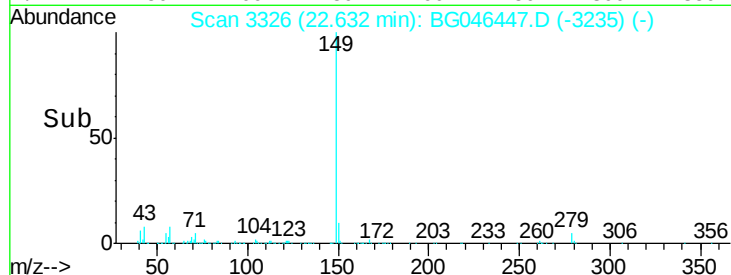
43 8.1 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

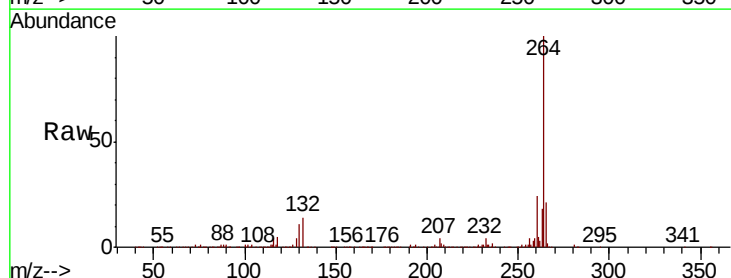
Tgt Ion:264 Resp: 575021

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

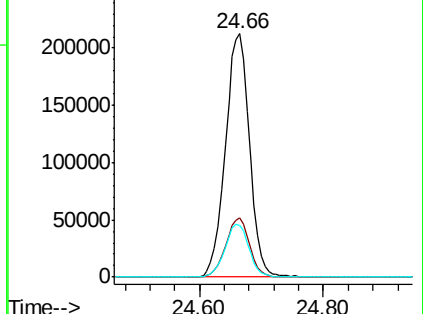
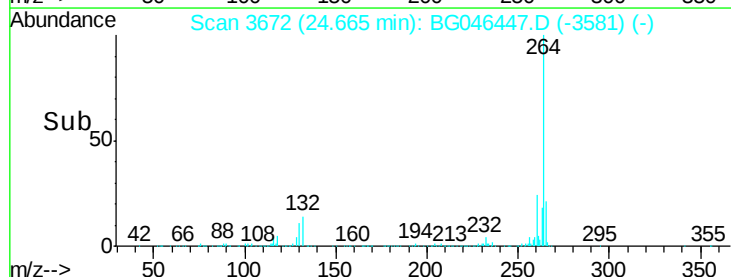
265 21.4 17.9 26.9

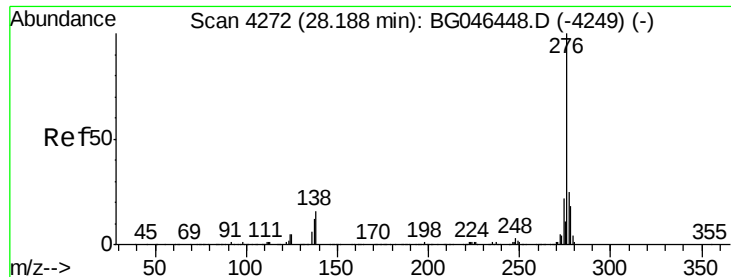


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

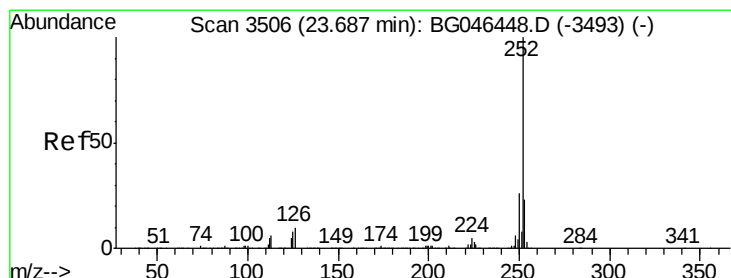
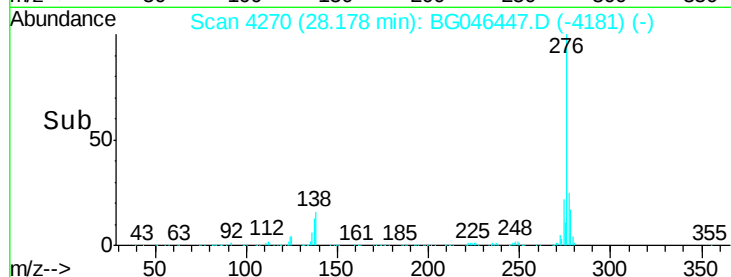
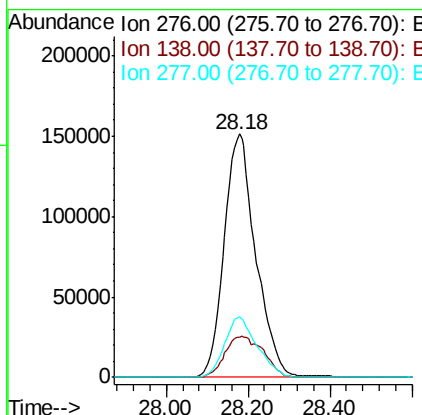
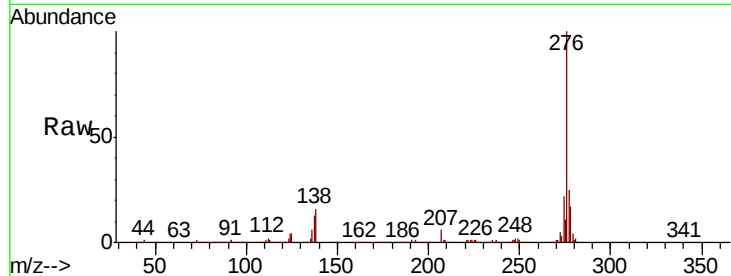




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 18.532 ng
 RT: 28.18 min Scan# 4270
 Delta R.T. -0.01 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

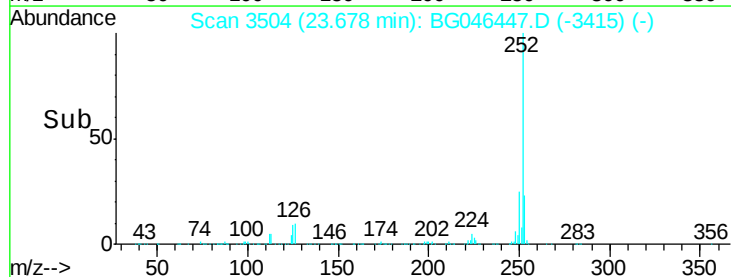
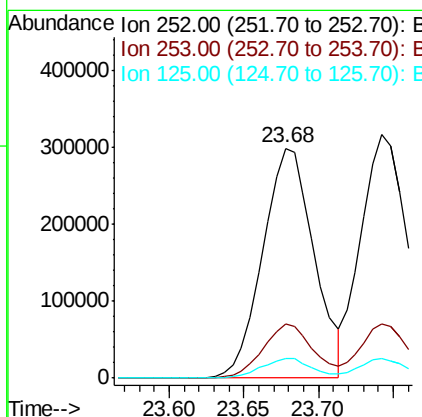
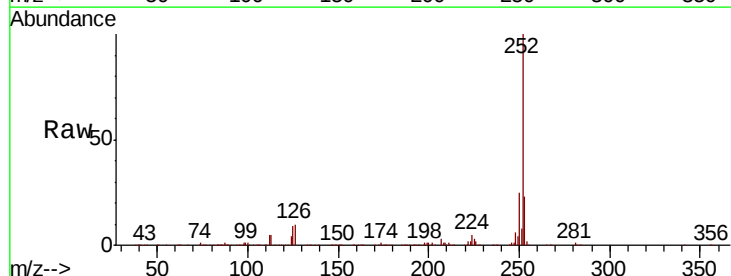
Instrument :
 BNA_G
 ClientSampleId :
 SSTDIC020

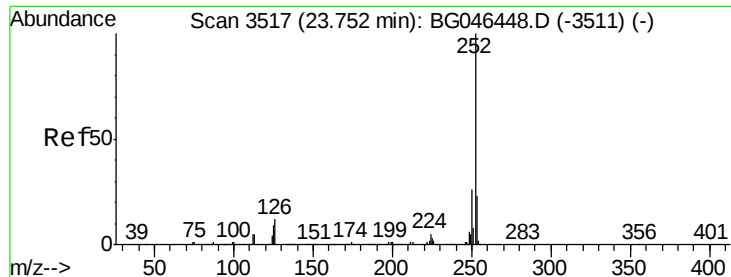
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.5	24.7
277	25.4	20.7	31.1



#88
 Benzo(b)fluoranthene
 Concen: 18.527 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. -0.01 min
 Lab File: BG046447.D
 Acq: 25 Aug 2020 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	8.6	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 18.251 ng

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

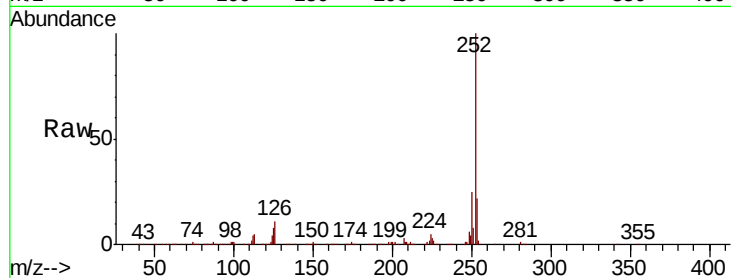
Tot Ion:252 Resp: 689810

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

125 7.9 6.8 10.2



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

23.74

300000

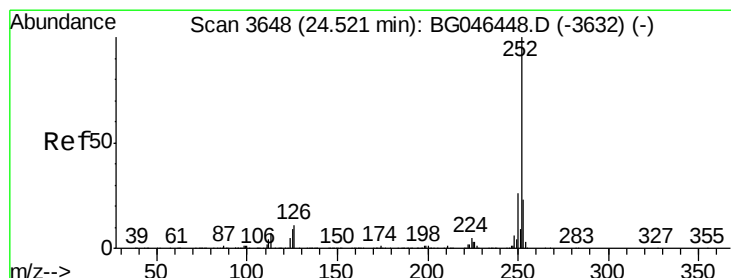
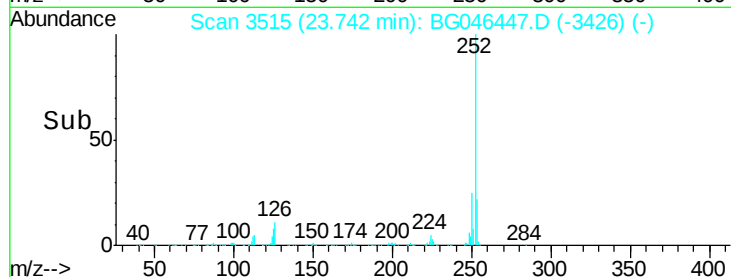
200000

100000

0

23.70 23.80 23.90

Time-->



#90

Benzo(a)pyrene

Concen: 18.410 ng

RT: 24.52 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

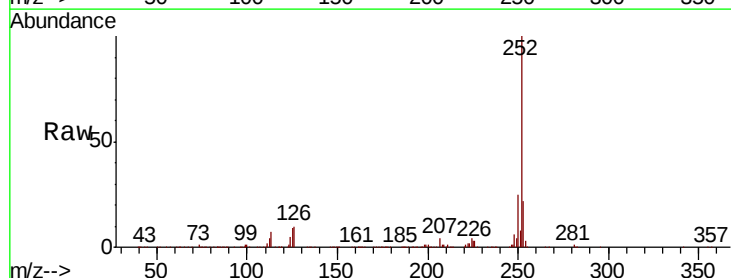
Tgt Ion:252 Resp: 660099

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

125 8.9 7.4 11.0



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

24.52

300000

250000

200000

150000

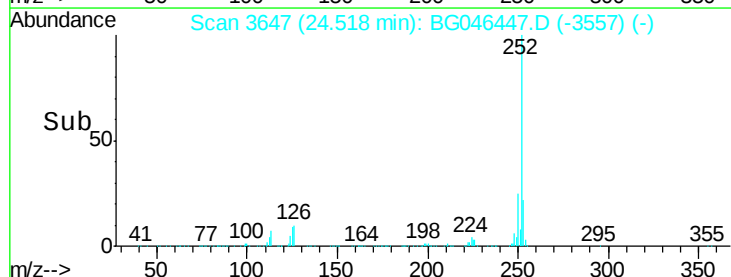
100000

50000

0

24.40 24.50 24.60

Time-->





#91

Dibenzo(a,h)anthracene

Concen: 17.892 ng

RT: 28.23 min Scan# 4279

Delta R.T. -0.02 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

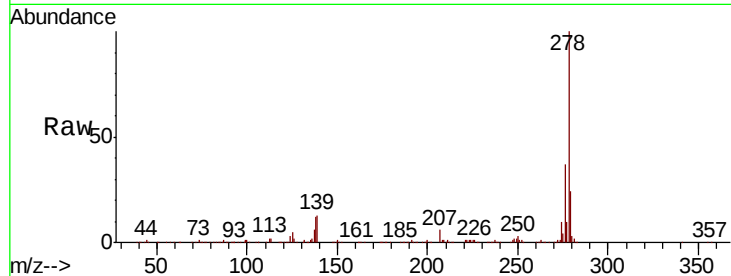
Tot Ion:278 Resp: 655934

Ion Ratio Lower Upper

278 100

139 13.0 11.2 16.8

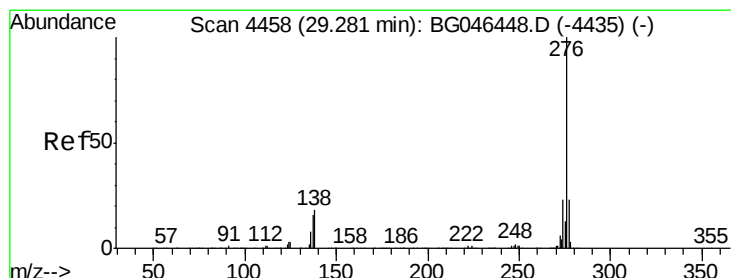
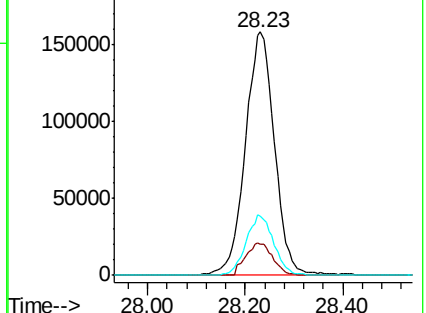
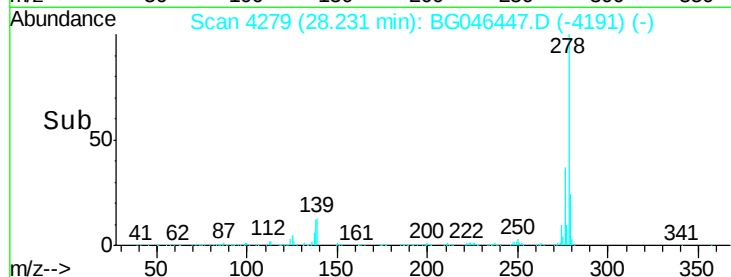
279 24.1 19.8 29.8



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: 17.559 ng

RT: 29.27 min Scan# 4456

Delta R.T. -0.01 min

Lab File: BG046447.D

Acq: 25 Aug 2020 14:07

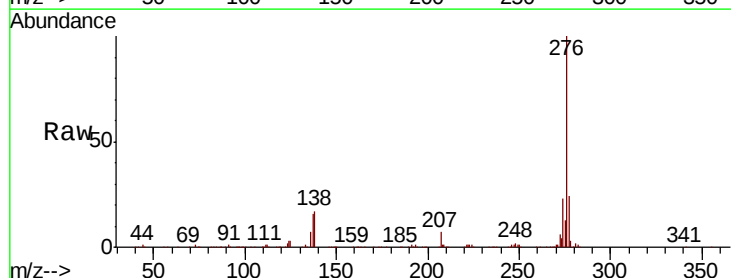
Tgt Ion:276 Resp: 650122

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 17.5 14.7 22.1



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

