

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046490.D
 Acq On : 1 Sep 2020 18:47
 Operator : CG/JU
 Sample : L3508-28MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

Quant Time: Sep 02 00:27:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	63420	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	264154	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	200895	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	520125	20.00	ng	0.00
76) Chrysene-d12	21.55	240	515546	20.00	ng	0.00
86) Perylene-d12	24.66	264	538562	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	459608	128.36	ng	0.00
7) Phenol-d6	7.11	99	585805	115.41	ng	0.00
23) Nitrobenzene-d5	9.09	82	436105	94.36	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	387896	142.50	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1184662	90.02	ng	0.00
79) Terphenyl-d14	19.92	244	2055615	84.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	53788	36.107	ng	# 37
3) Pyridine	3.82	79	127295	29.206	ng	98
4) n-Nitrosodimethylamine	3.73	42	77163	48.001	ng	99
6) Aniline	7.26	93	212631	37.226	ng	99
8) 2-Chlorophenol	7.50	128	207618	54.861	ng	99
9) Benzaldehyde	7.07	77	101218	35.592	ng	95
10) Phenol	7.14	94	227682	48.700	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	185451	49.349	ng	100
12) 1,3-Dichlorobenzene	7.82	146	201329	41.902	ng	100
13) 1,4-Dichlorobenzene	7.96	146	203824	42.373	ng	98
14) 1,2-Dichlorobenzene	8.29	146	203388	44.097	ng	98
15) Benzyl Alcohol	8.17	79	192018	58.922	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	277751	47.649	ng	99
17) 2-Methylphenol	8.38	107	187380	56.514	ng	99
18) Hexachloroethane	9.02	117	68798	42.183	ng	93
19) n-Nitroso-di-n-propylamine	8.74	70	160914	52.998	ng	98
20) 3+4-Methylphenols	8.71	107	257681	56.306	ng	98
22) Acetophenone	8.75	105	314800	48.958	ng	100
24) Nitrobenzene	9.13	77	226697	49.649	ng	98
25) Isophorone	9.66	82	472570	55.772	ng	98
26) 2-Nitrophenol	9.84	139	129107	53.593	ng	98
27) 2,4-Dimethylphenol	9.91	122	216469	65.332	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	274279	50.291	ng	99
29) 2,4-Dichlorophenol	10.38	162	247384	56.007	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	228584	43.616	ng	97
31) Naphthalene	10.78	128	615937	47.756	ng	99
32) Benzoic acid	10.04	122	64927	30.878	ng	94
33) 4-Chloroaniline	10.89	127	93818	16.496	ng	95
34) Hexachlorobutadiene	11.07	225	136994	40.268	ng	99
35) Caprolactam	11.66	113	39363	23.841	ng	95
36) 4-Chloro-3-methylphenol	12.02	107	266352	61.654	ng	93
37) 2-Methylnaphthalene	12.39	142	519876	51.108	ng	100
38) 1-Methylnaphthalene	12.61	142	502811	52.184	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	311594	47.035	ng	99

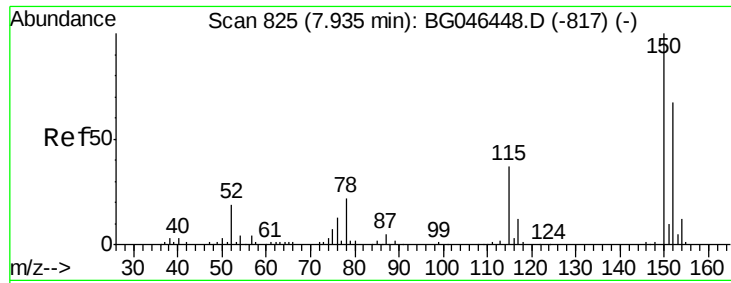
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046490.D
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Quant Time: Sep 02 00:27:37 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	318738	110.650	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	243099	54.377	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	268459	57.154	ng	100
46) 1,1'-Biphenyl	13.40	154	714257	51.102	ng	99
47) 2-Chloronaphthalene	13.44	162	561651	47.394	ng	99
48) 2-Nitroaniline	13.64	65	181311	55.098	ng	98
49) Acenaphthylene	14.29	152	943117	52.464	ng	100
50) Dimethylphthalate	14.02	163	835911	53.783	ng	99
51) 2,6-Dinitrotoluene	14.13	165	193099	56.362	ng	99
52) Acenaphthene	14.63	154	570104	51.178	ng	98
53) 3-Nitroaniline	14.46	138	127763	34.427	ng	99
54) 2,4-Dinitrophenol	14.67	184	213229	106.625	ng	97
55) Dibenzofuran	14.96	168	936467	52.383	ng	98
56) 4-Nitrophenol	14.79	139	301405	110.355	ng	98
57) 2,4-Dinitrotoluene	14.93	165	282069	57.740	ng	98
58) Fluorene	15.61	166	791612	52.758	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	268411	58.846	ng	98
60) Diethylphthalate	15.38	149	829984	54.772	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	435972	52.758	ng	97
62) 4-Nitroaniline	15.63	138	202124	51.618	ng	96
63) Azobenzene	15.90	77	683699	55.466	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	176050	59.801	ng	99
66) n-Nitrosodiphenylamine	15.82	169	746464	53.198	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	316961	52.233	ng	97
68) Hexachlorobenzene	16.62	284	335433	49.912	ng	98
69) Atrazine	16.77	200	289641	50.598	ng	99
70) Pentachlorophenol	16.97	266	407499	116.055	ng	99
71) Phenanthrene	17.35	178	1349537	51.189	ng	99
72) Anthracene	17.44	178	1380922	53.090	ng	98
73) Carbazole	17.71	167	1284857	52.318	ng	99
74) Di-n-butylphthalate	18.28	149	1430718	50.663	ng	98
75) Fluoranthene	19.36	202	1671517	49.268	ng	98
77) Benzidine	19.54	184	107680	8.989	ng	98
78) Pyrene	19.72	202	1679680	51.164	ng	98
80) Butylbenzylphthalate	20.61	149	662133	51.708	ng	96
81) Benzo(a)anthracene	21.54	228	1635466	50.895	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	468446	39.283	ng	98
83) Chrysene	21.60	228	1560128	50.473	ng	97
84) Bis(2-ethylhexyl)phthalate	21.45	149	914046	52.306	ng	100
85) Di-n-octyl phthalate	22.62	149	1590898	53.168	ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1996111	51.605	ng	99
88) Benzo(b)fluoranthene	23.68	252	1669617	49.649	ng	97
89) Benzo(k)fluoranthene	23.75	252	1655202	50.929	ng	97
90) Benzo(a)pyrene	24.52	252	1558058	49.647	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1652326	52.935	ng	99
92) Benzo(g,h,i)perylene	29.29	276	1683901	54.023	ng	98

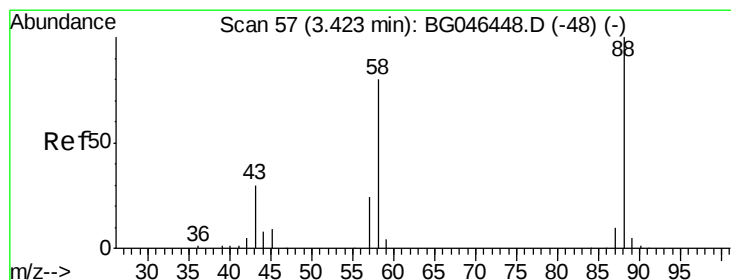
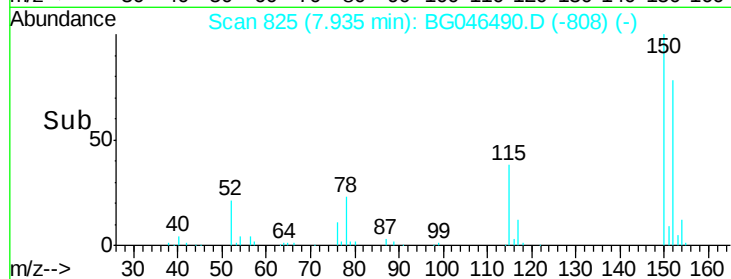
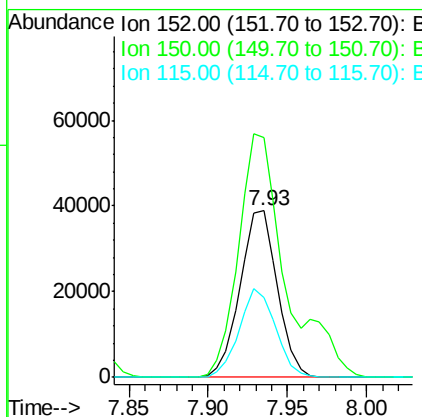
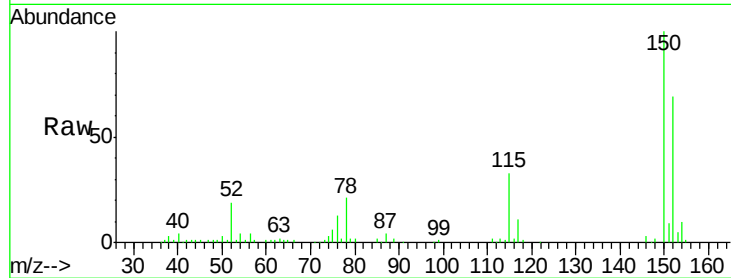
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

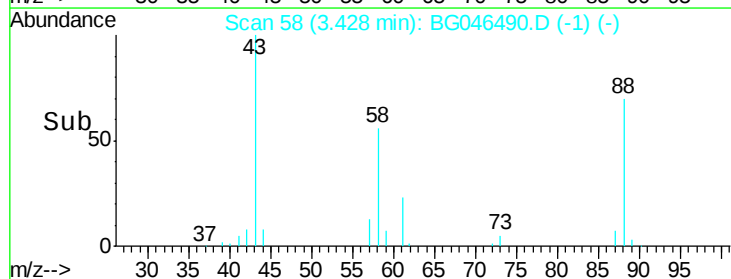
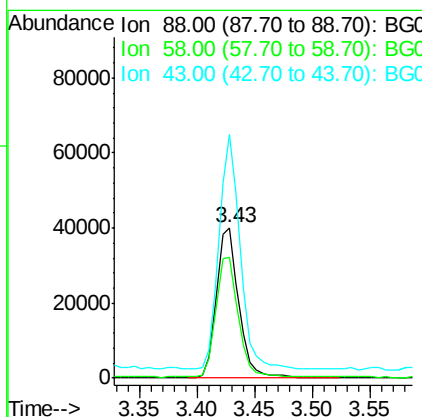
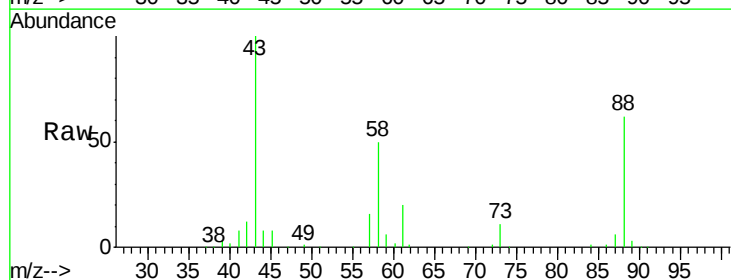
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

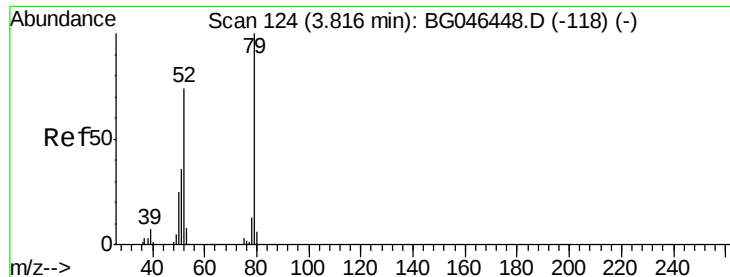
Tot Ion:152 Resp: 63420
 Ion Ratio Lower Upper
 152 100
 150 144.1 119.5 179.3
 115 48.2 44.3 66.5



#2
 1,4-Dioxane
 Concen: 36.107 ng
 RT: 3.43 min Scan# 58
 Delta R.T. 0.01 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion: 88 Resp: 53788
 Ion Ratio Lower Upper
 88 100
 58 79.3 61.4 92.2
 43 147.5 21.6 32.4#





#3

Pvridine

Concen: 29.206 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

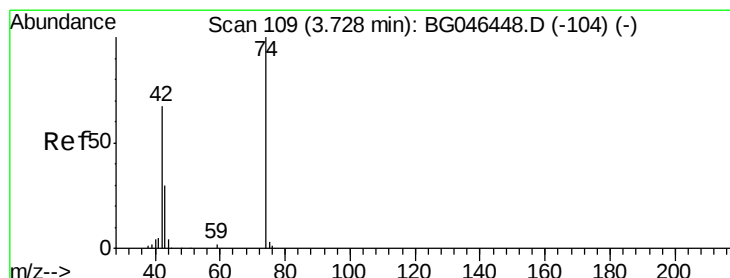
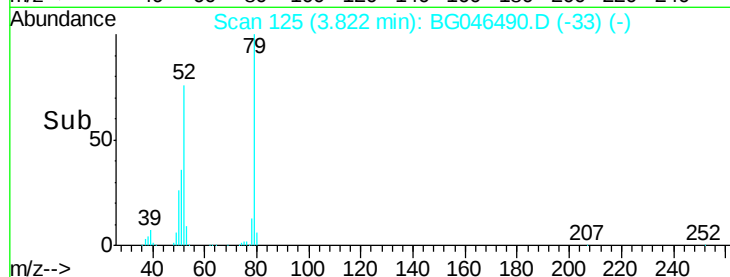
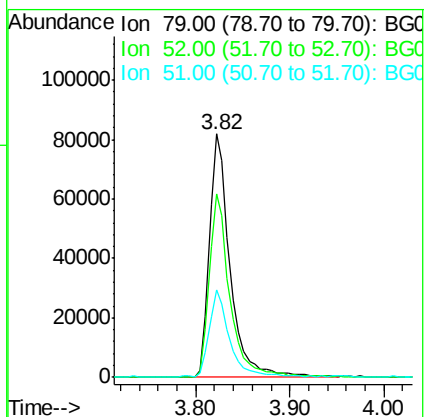
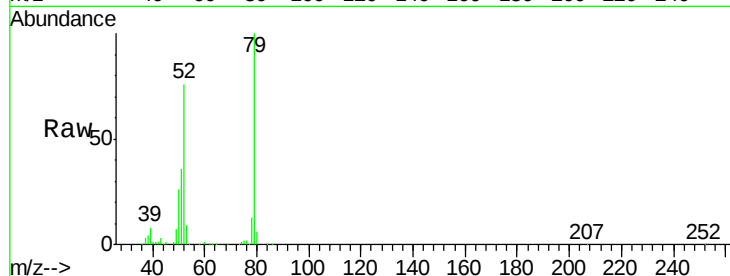
Tot Ion: 79 Resp: 127295

Ion Ratio Lower Upper

79 100

52 75.5 59.1 88.7

51 35.8 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 48.001 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

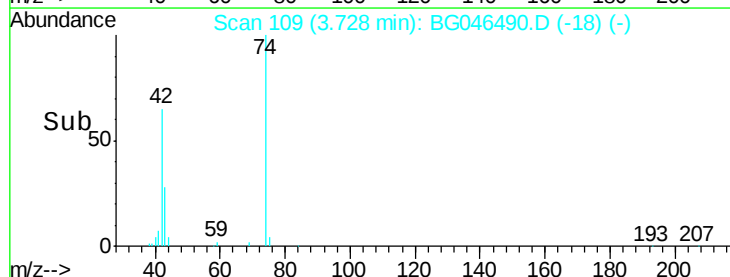
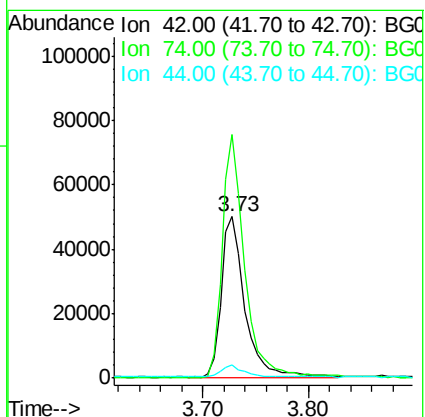
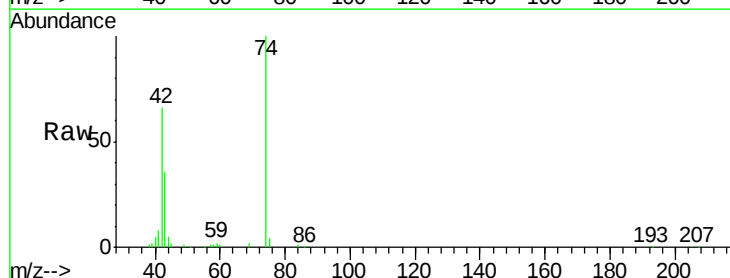
Tgt Ion: 42 Resp: 77163

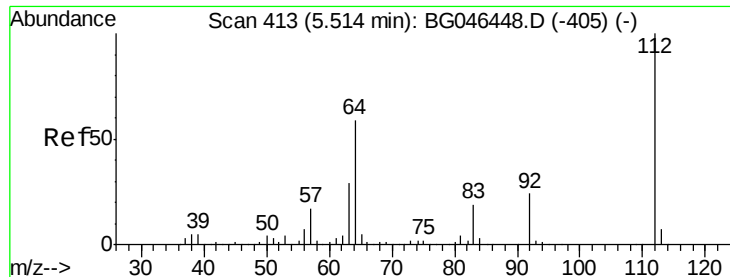
Ion Ratio Lower Upper

42 100

74 150.8 119.5 179.3

44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 128.359 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

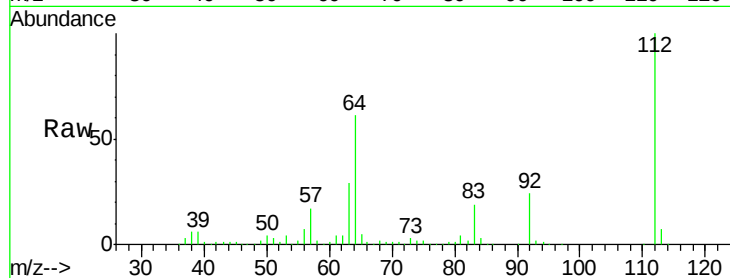
Tot Ion:112 Resp: 459608

Ion Ratio Lower Upper

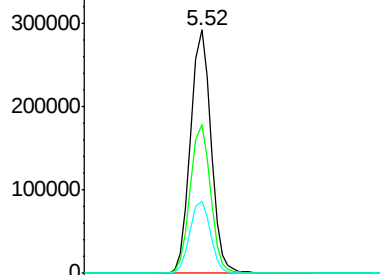
112 100

64 61.2 47.0 70.6

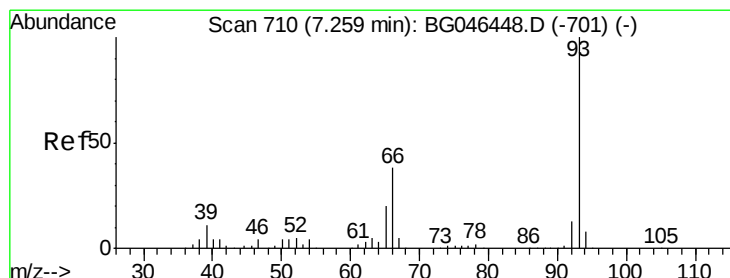
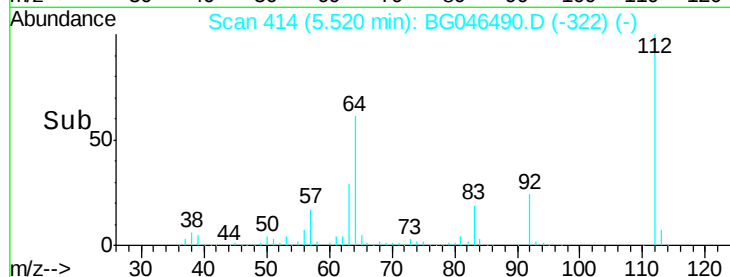
63 29.5 23.5 35.3



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



Time-->



#6

Aniline

Concen: 37.226 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

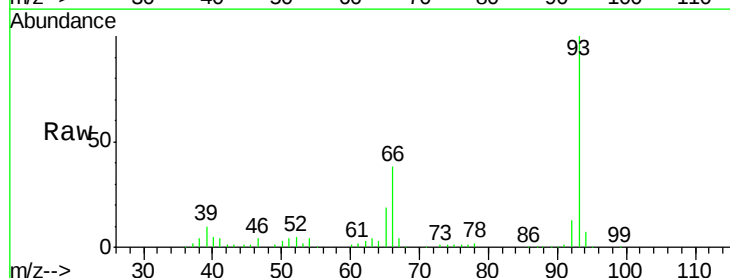
Tgt Ion: 93 Resp: 212631

Ion Ratio Lower Upper

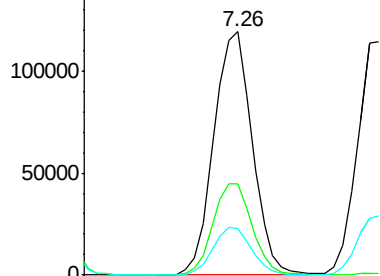
93 100

66 37.6 30.4 45.6

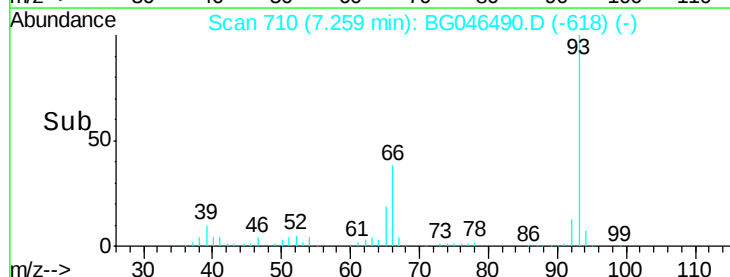
65 19.2 15.8 23.6

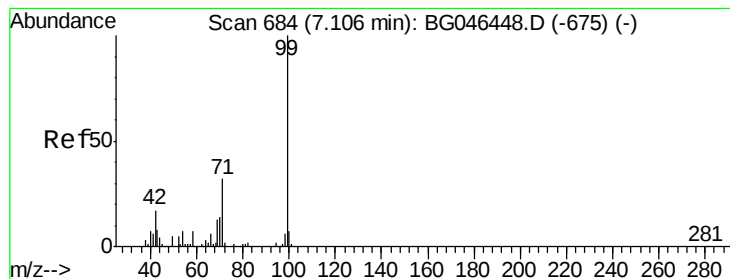


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 115.408 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

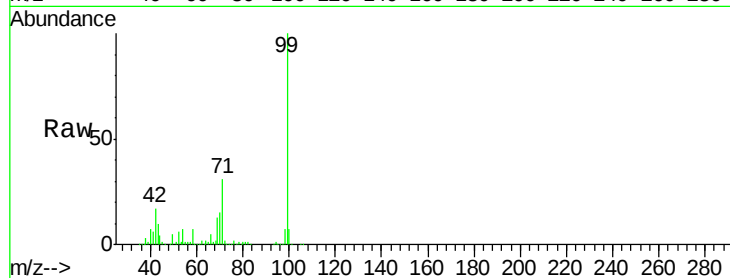
Tot Ion: 99 Resp: 585805

Ion Ratio Lower Upper

99 100

42 16.7 13.3 19.9

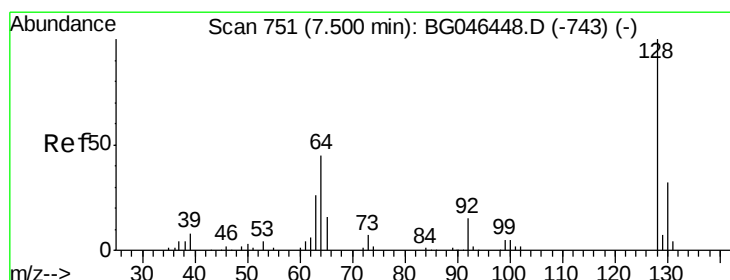
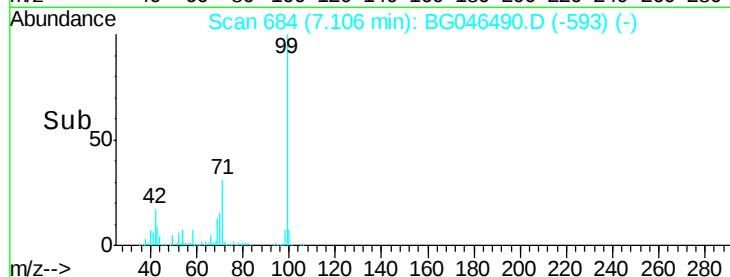
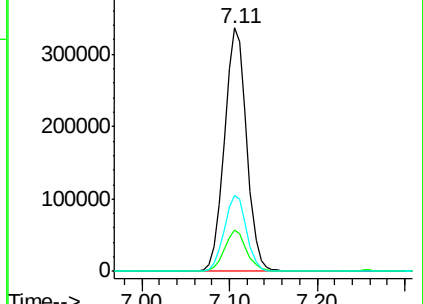
71 31.4 25.3 37.9



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: 54.861 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

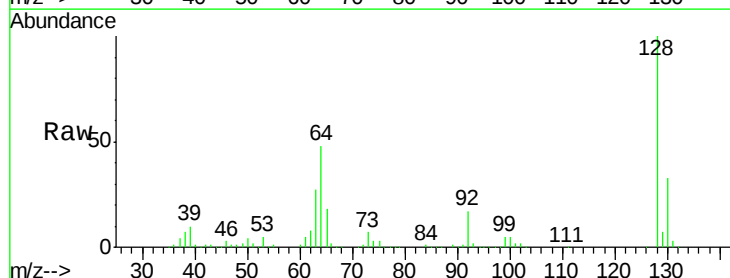
Tgt Ion: 128 Resp: 207618

Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

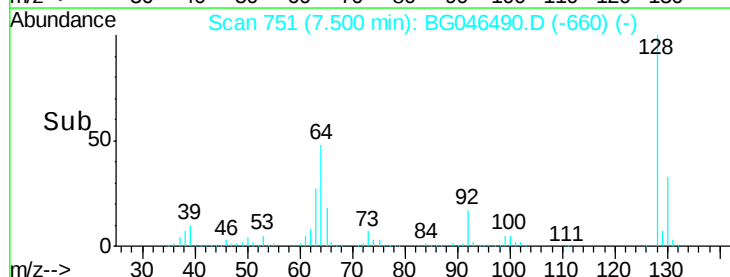
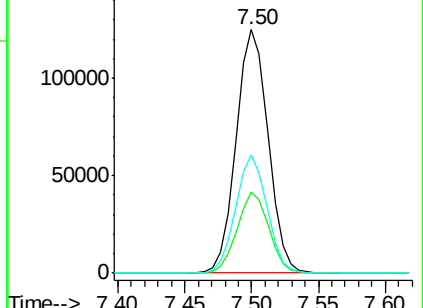
64 48.4 28.1 68.1



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

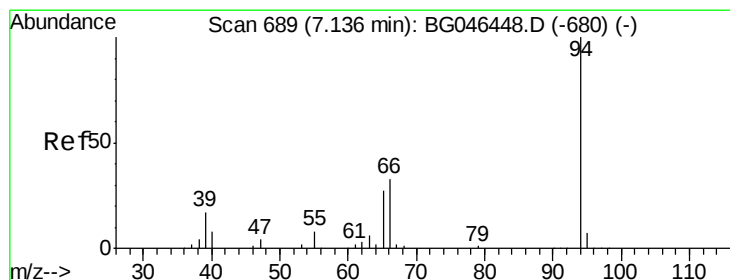
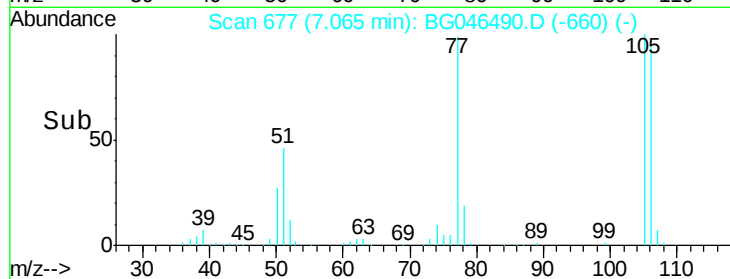
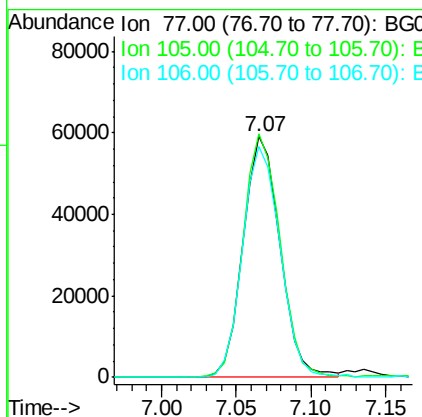
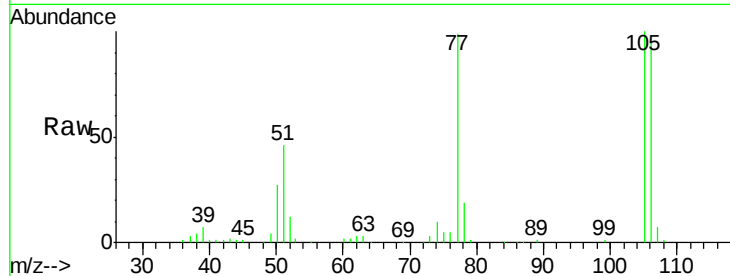




#9
Benzaldehyde
Concen: 35.592 ng
RT: 7.07 min Scan# 677
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

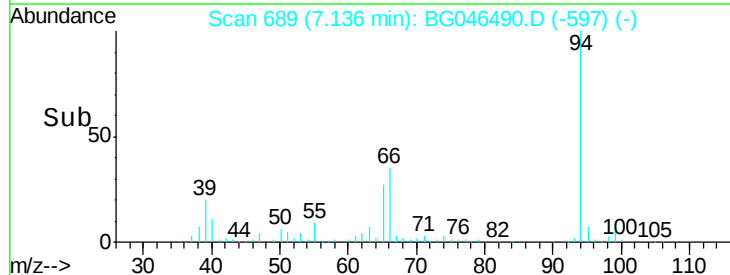
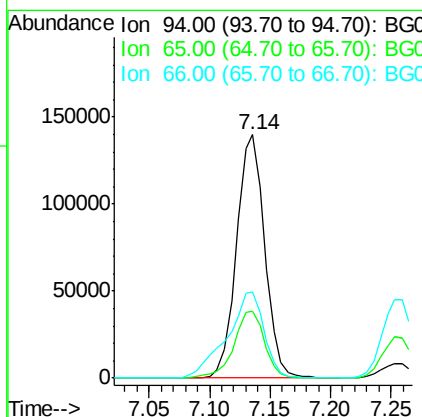
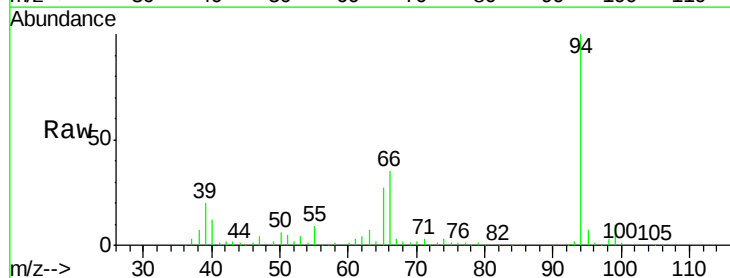
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

Tot Ion: 77 Resp: 101218
Ion Ratio Lower Upper
77 100
105 101.1 85.6 125.6
106 95.7 80.8 120.8



#10
Phenol
Concen: 48.700 ng
RT: 7.14 min Scan# 689
Delta R.T. 0.01 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion: 94 Resp: 227682
Ion Ratio Lower Upper
94 100
65 27.3 7.5 47.5
66 35.2 14.1 54.1

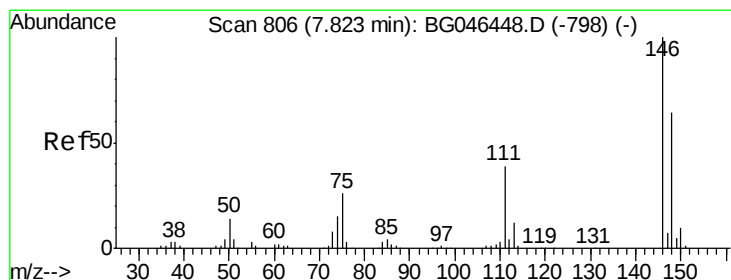
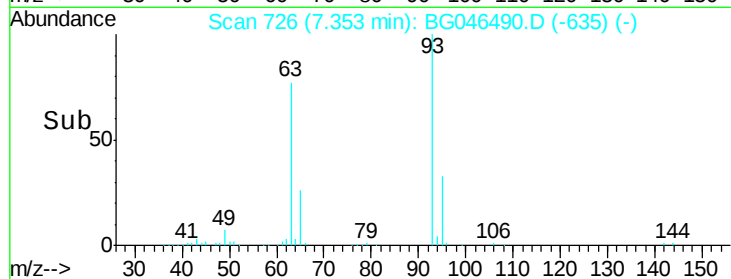
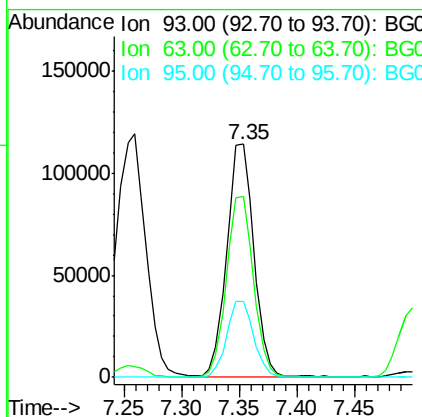
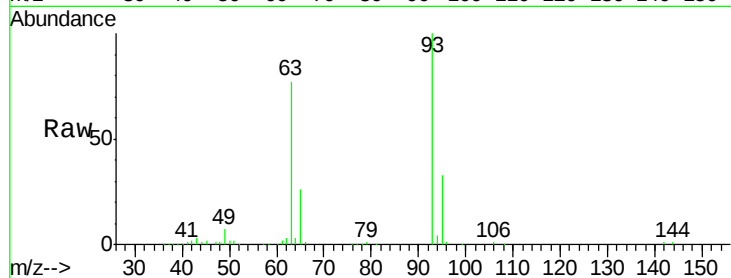




#11
bis(2-Chloroethyl)ether
Concen: 49.349 ng
RT: 7.35 min Scan# 726
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

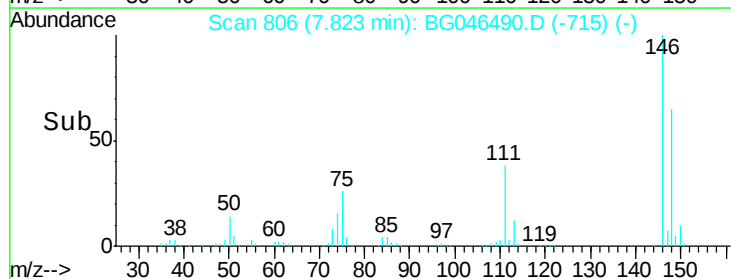
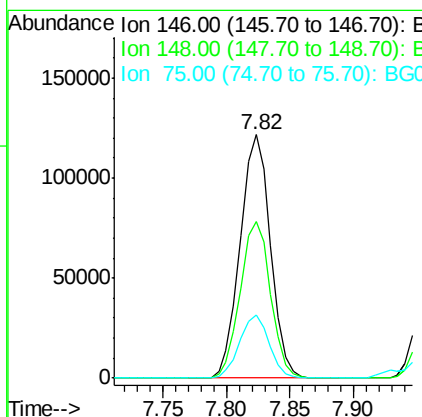
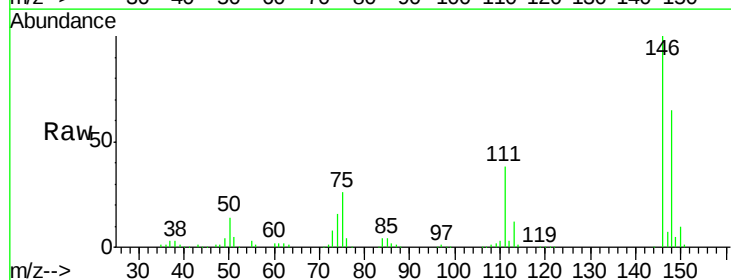
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

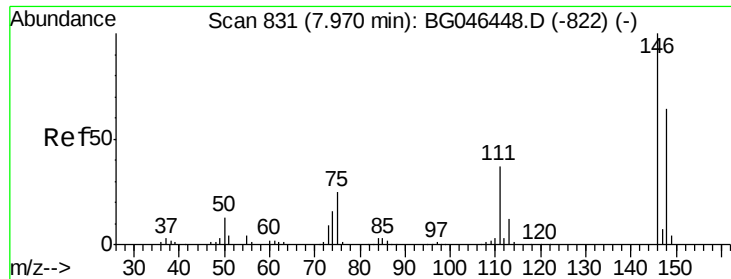
Tot Ion: 93 Resp: 185451
Ion Ratio Lower Upper
93 100
63 77.5 57.7 97.7
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.902 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion: 146 Resp: 201329
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 26.0 20.7 31.1

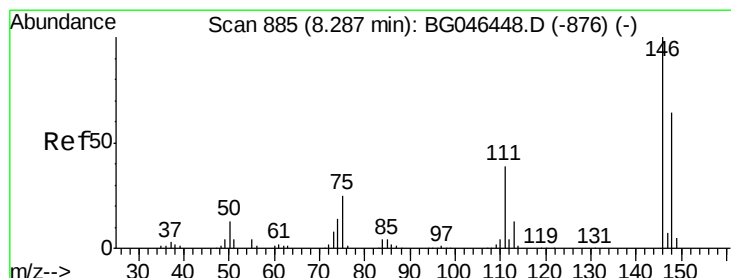
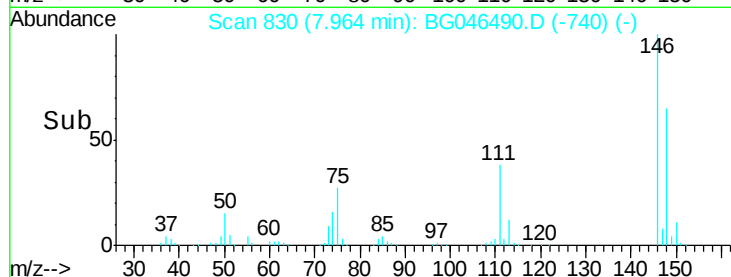
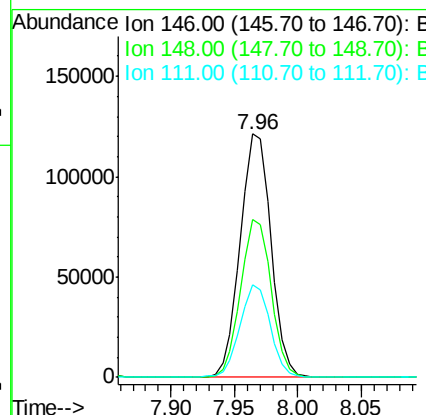
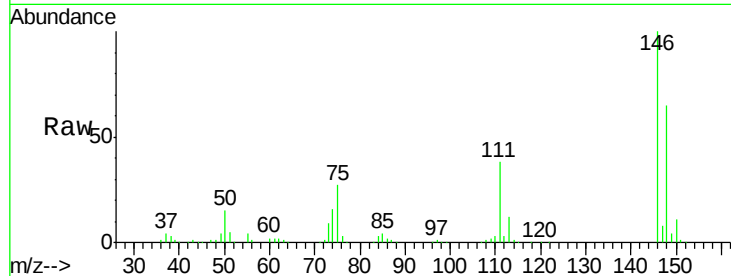




#13
 1,4-Dichlorobenzene
 Concen: 42.373 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

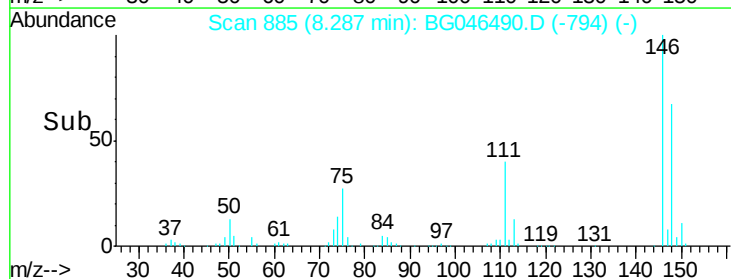
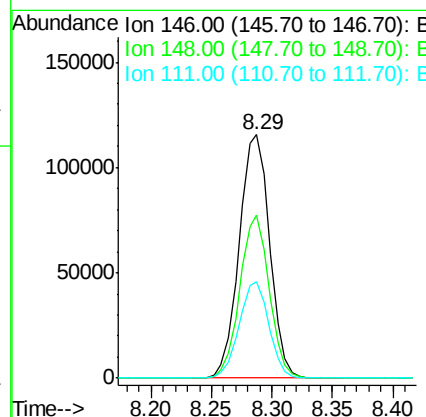
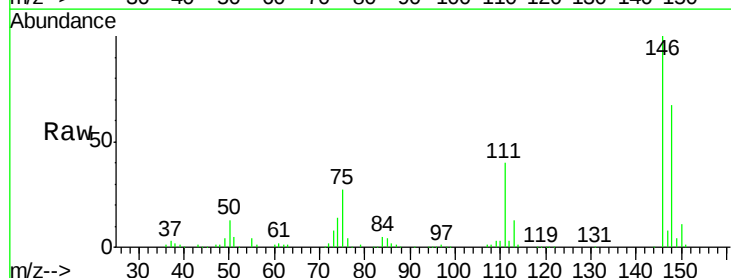
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

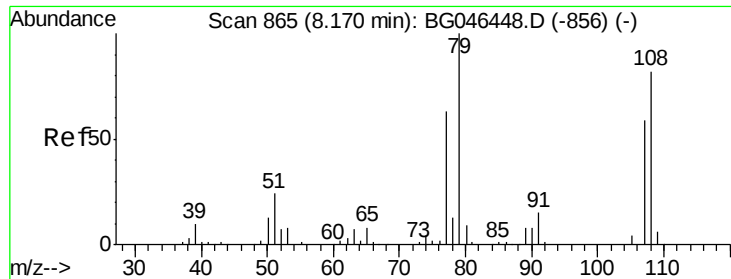
Tot Ion:146 Resp: 203824
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.9 76.3
 111 38.0 29.8 44.6



#14
 1,2-Dichlorobenzene
 Concen: 44.097 ng
 RT: 8.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion:146 Resp: 203388
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.4 77.0
 111 39.6 31.4 47.2





#15

Benzyl Alcohol

Concen: 58.922 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

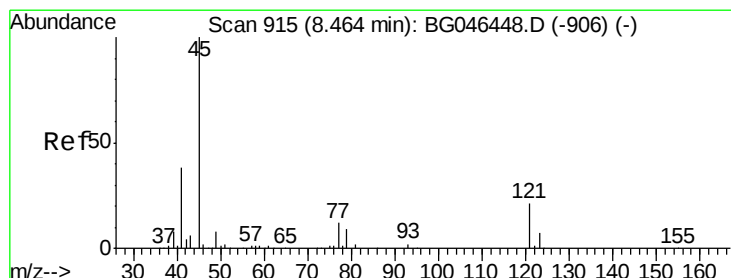
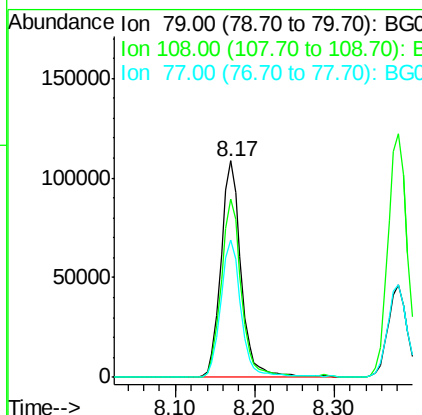
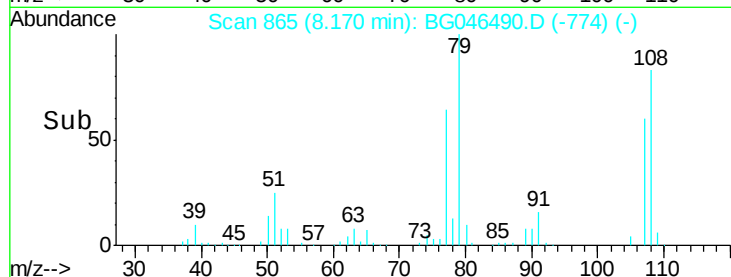
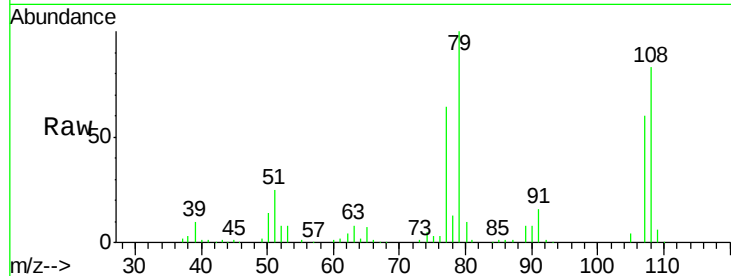
Tot Ion: 79 Resp: 192018

Ion Ratio Lower Upper

79 100

108 82.5 65.7 98.5

77 63.7 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.649 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

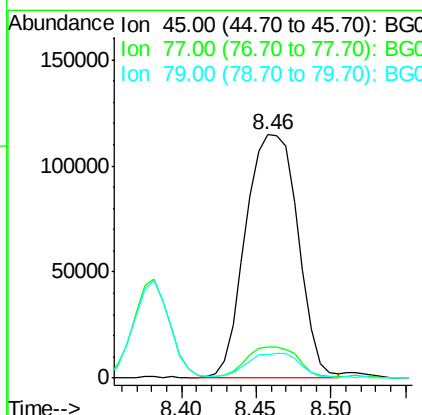
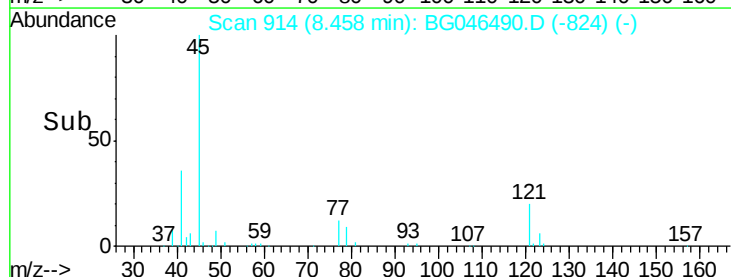
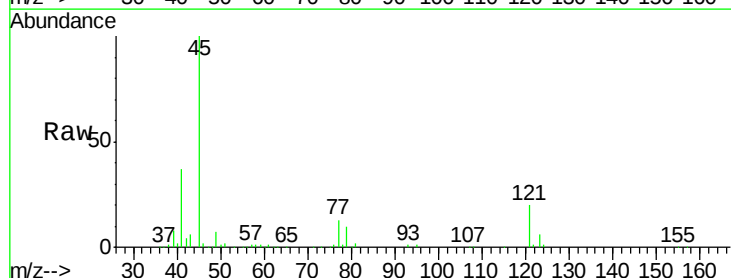
Tgt Ion: 45 Resp: 277751

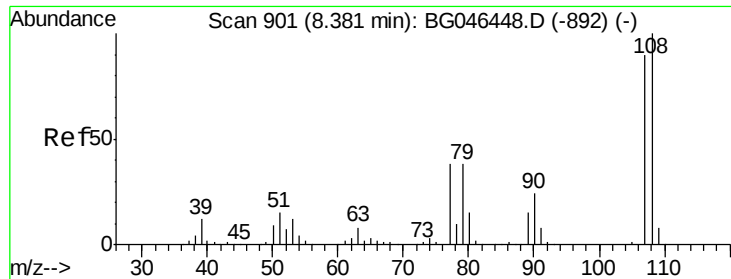
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.2

79 9.8 0.0 30.3

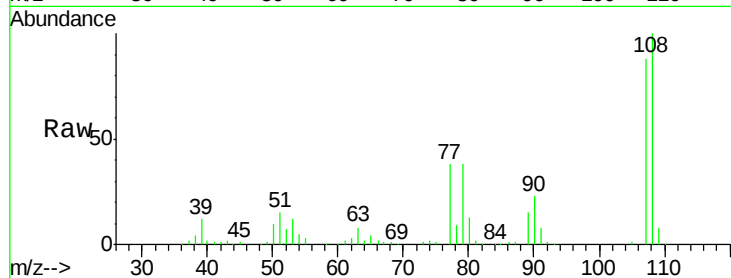




#17
2-Methylphenol
Concen: 56.514 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.01 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	89.4	134.0
77	43.5	34.5	51.7
79	43.0	33.8	50.6



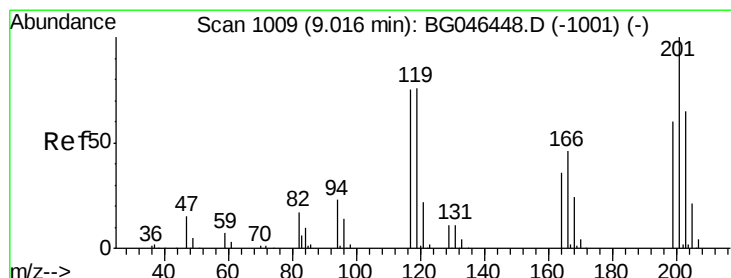
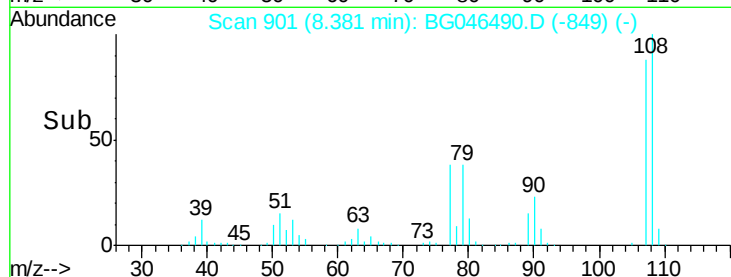
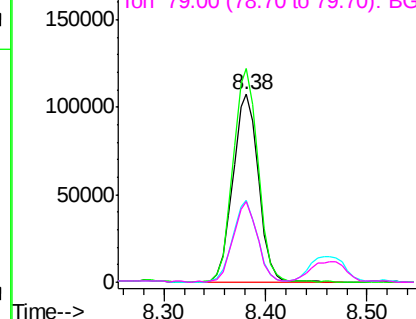
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

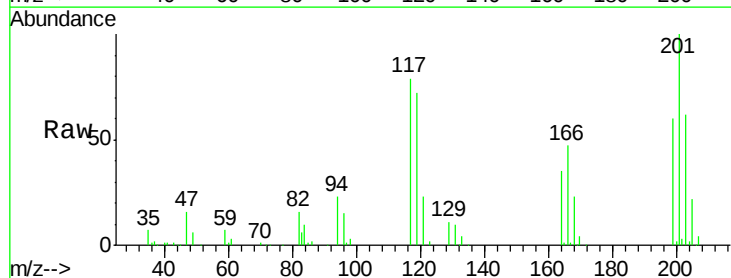
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.183 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	80.8	121.2
201	126.4	106.7	160.1

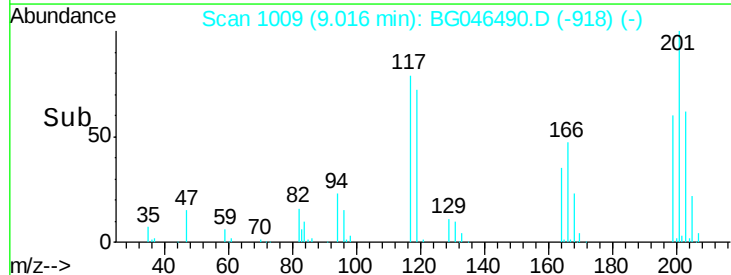
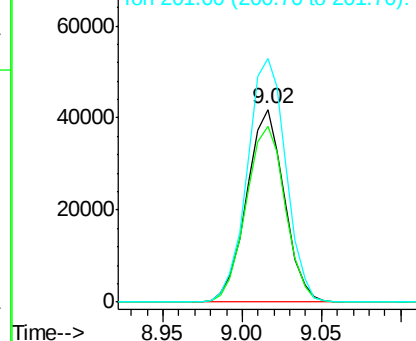


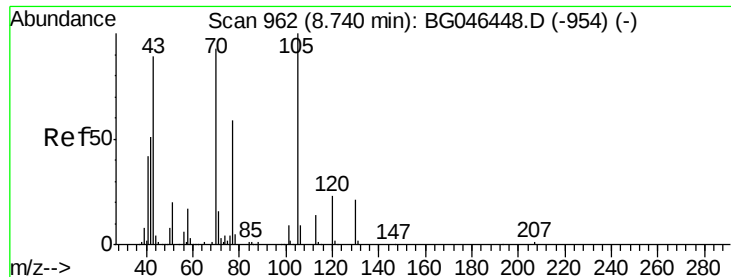
Abundance

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

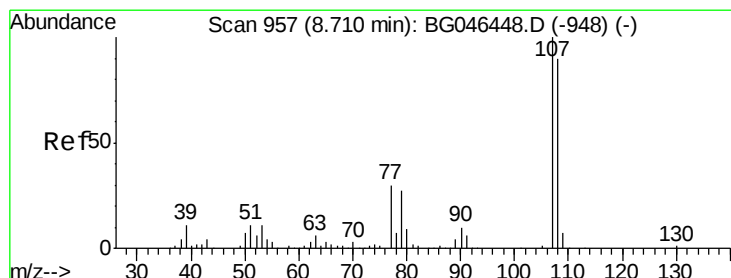
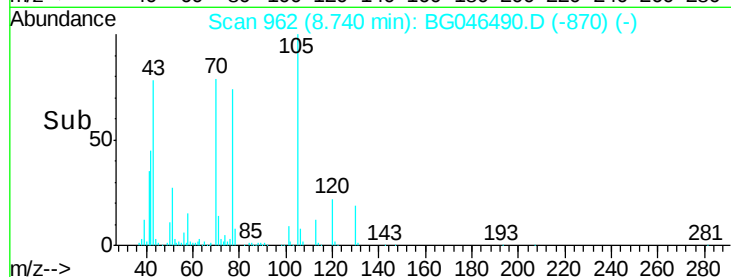
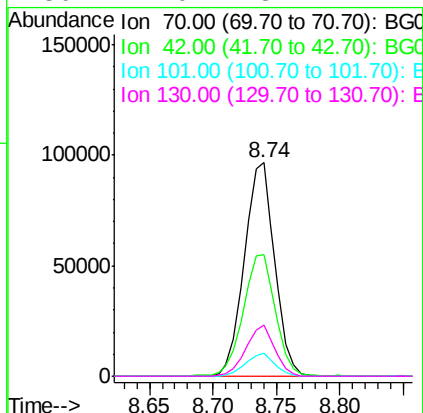
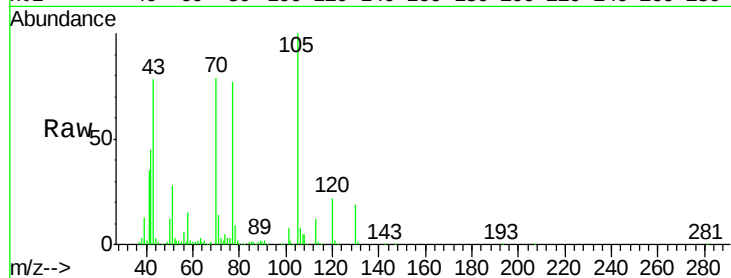




#19
n-Nitroso-di-n-propylamine
Concen: 52.998 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

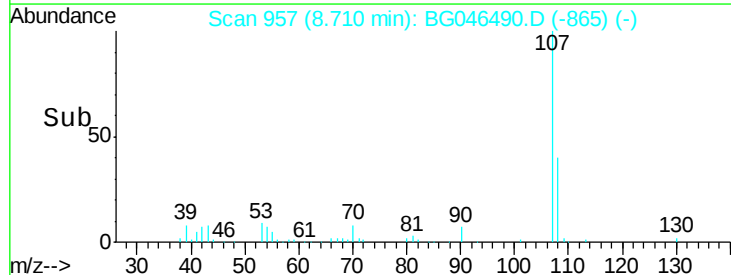
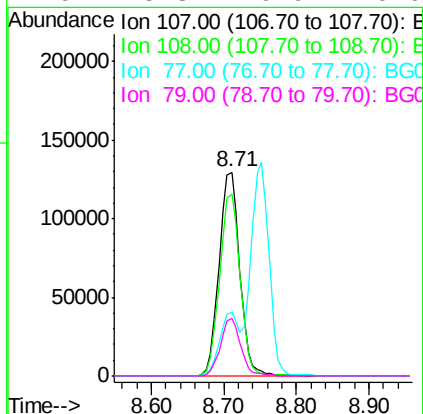
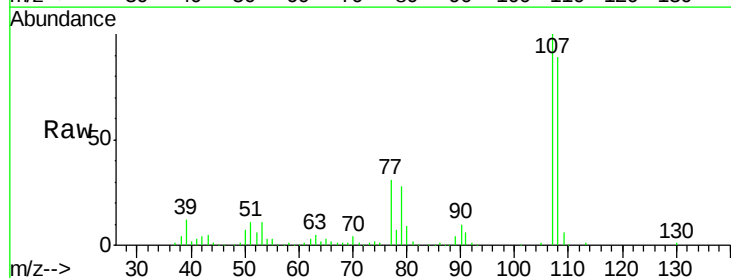
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

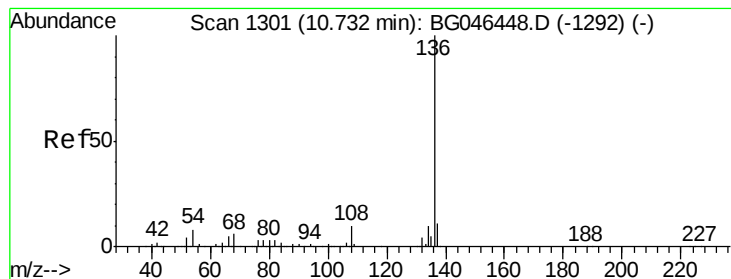
Tot Ion:	70	Resp:	160914
Ion	Ratio	Lower	Upper
70	100		
42	56.7	44.2	66.2
101	10.8	7.8	11.8
130	24.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 56.306 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.01 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion:	107	Resp:	257681
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.7	109.7
77	31.1	9.7	49.7
79	28.3	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

Tot Ion:136 Resp: 264154

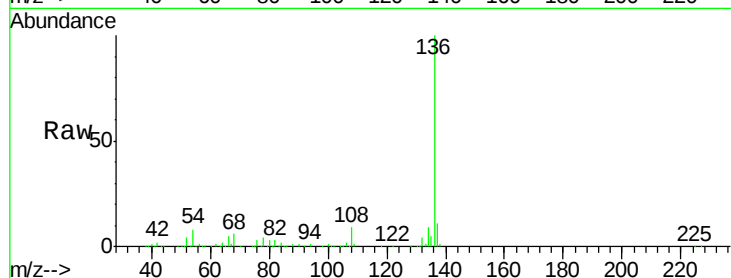
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.9 6.1 9.1

68 5.8 4.8 7.2

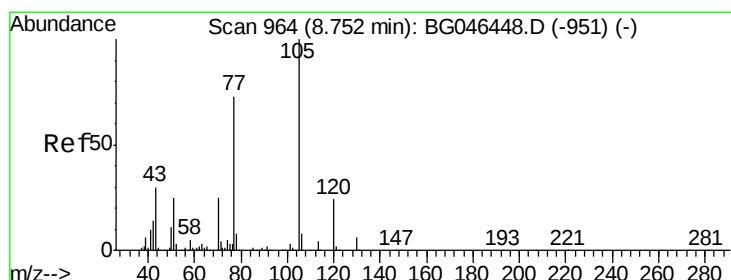
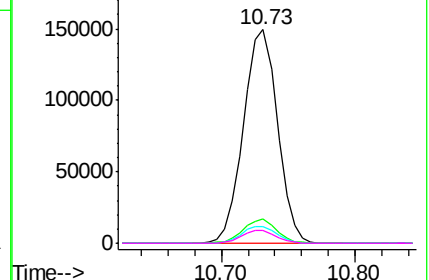
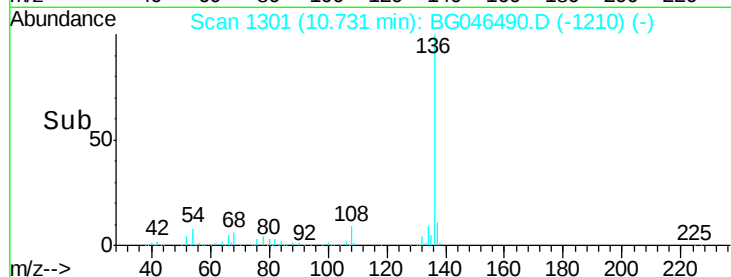


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.958 ng

RT: 8.75 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Tgt Ion:105 Resp: 314800

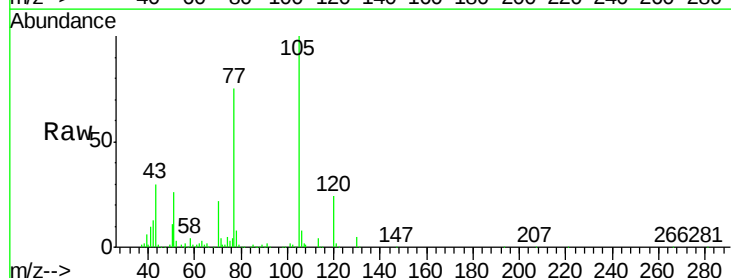
Ion Ratio Lower Upper

105 100

71 3.8 3.3 4.9

51 25.7 20.6 31.0

120 24.1 19.0 28.6

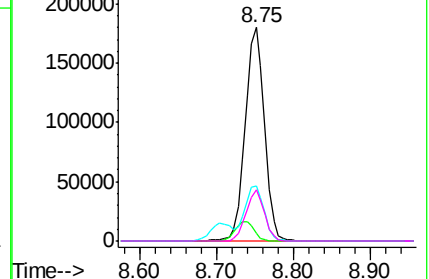
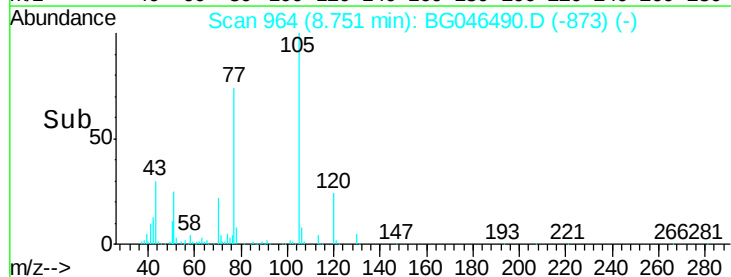


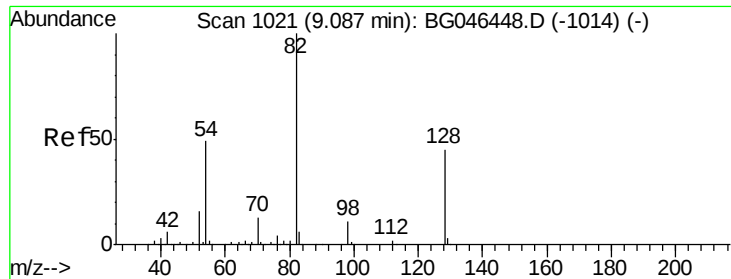
Abundance Ion 105.00 (104.70 to 105.70): E

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

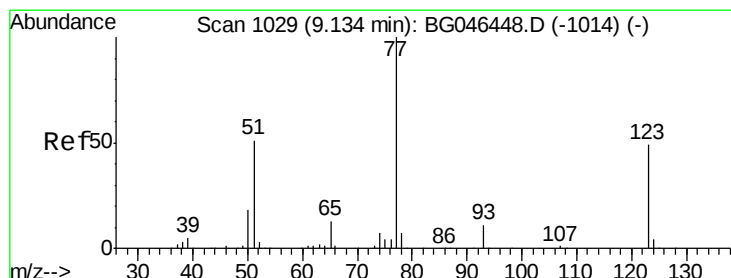
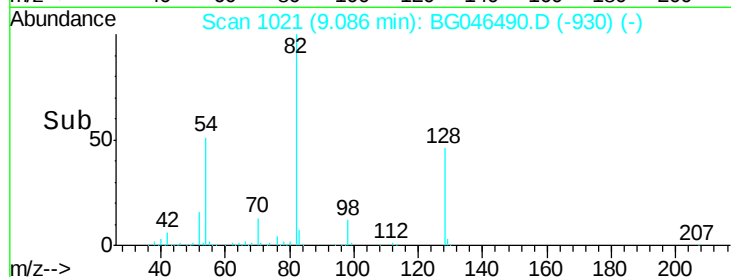
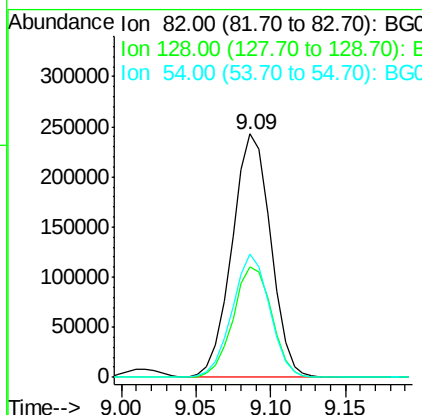
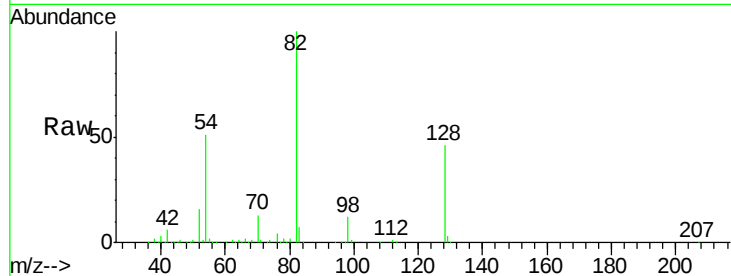




#23
 Nitrobenzene-d5
 Concen: 94.360 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

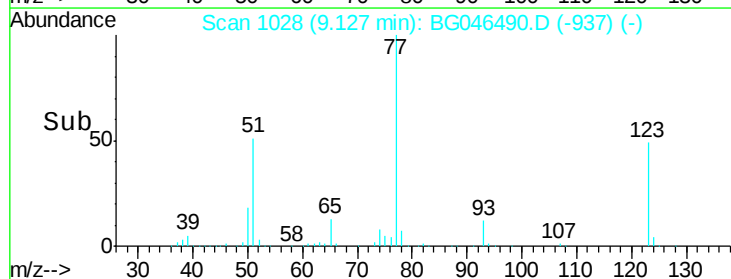
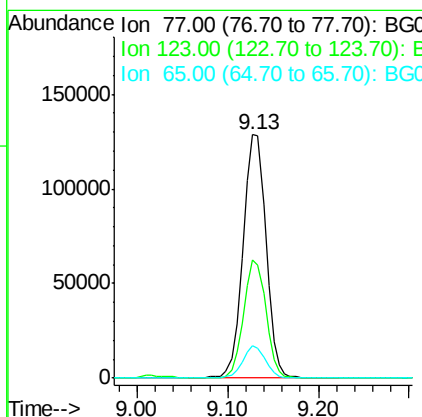
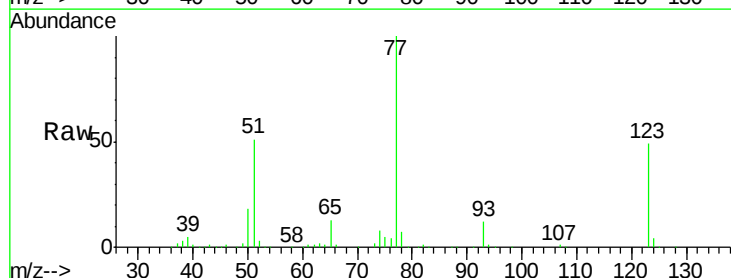
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

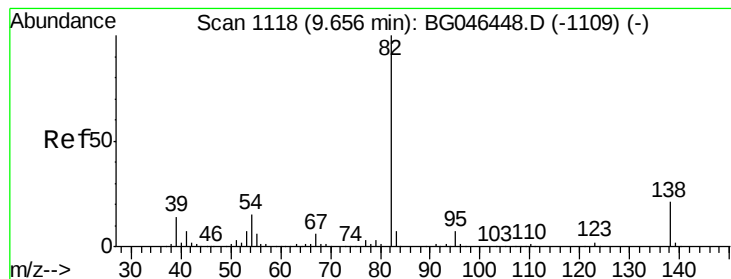
Tot Ion	82	Resp	436105
Ion Ratio	100	Lower	Upper
128	45.6	35.7	53.5
54	50.6	39.4	59.0



#24
 Nitrobenzene
 Concen: 49.649 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion	77	Resp	226697
Ion Ratio	100	Lower	Upper
123	48.5	39.6	59.4
65	13.4	10.1	15.1





#25

Isophorone

Concen: 55.772 ng

RT: 9.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

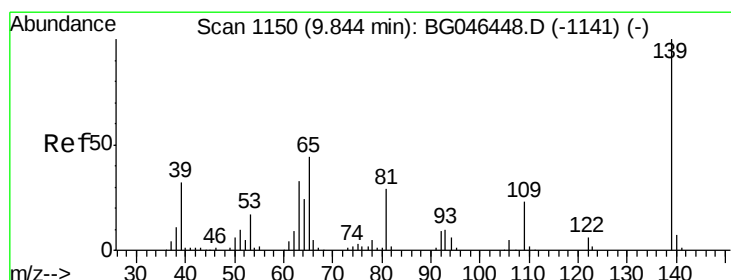
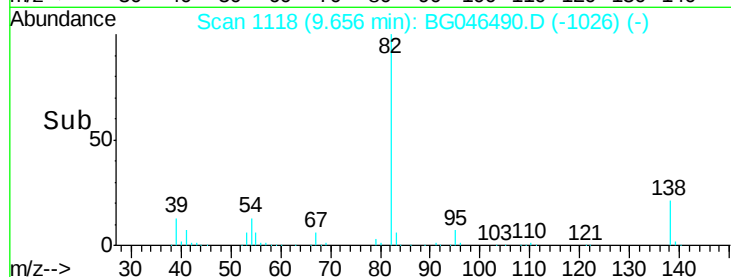
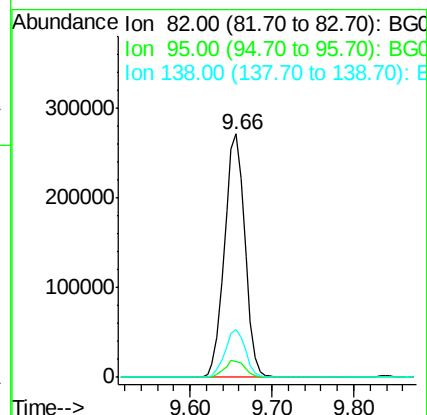
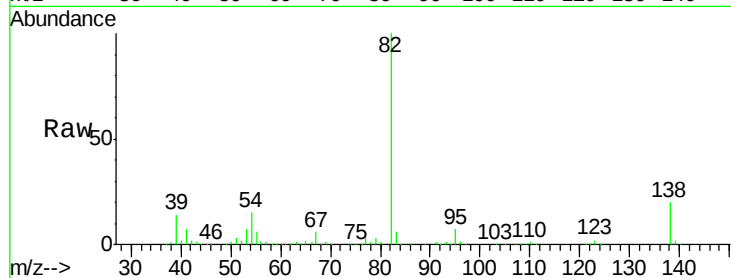
Tot Ion: 82 Resp: 472570

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 19.7 16.4 24.6



#26

2-Nitrophenol

Concen: 53.593 ng

RT: 9.84 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

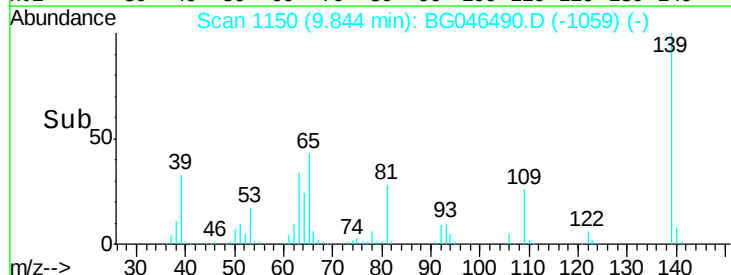
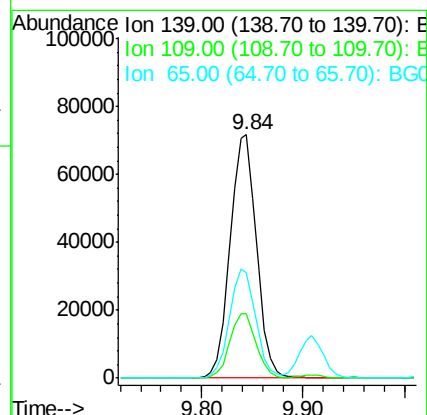
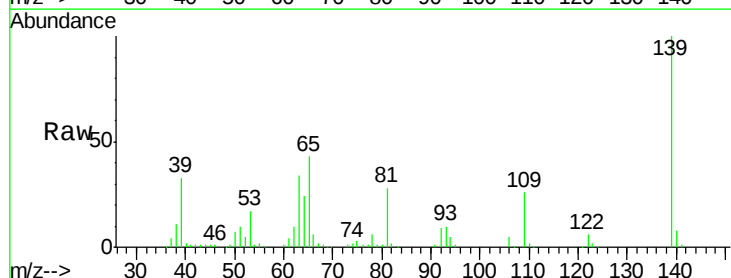
Tgt Ion: 139 Resp: 129107

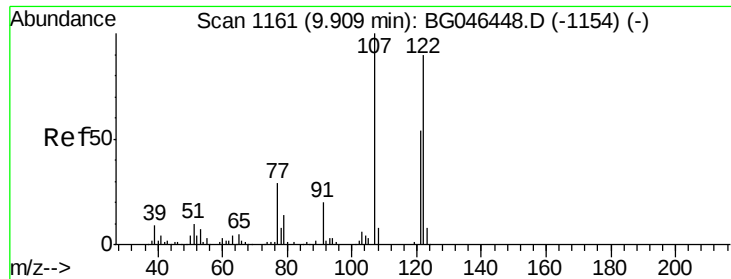
Ion Ratio Lower Upper

139 100

109 26.2 18.8 28.2

65 43.5 35.0 52.6

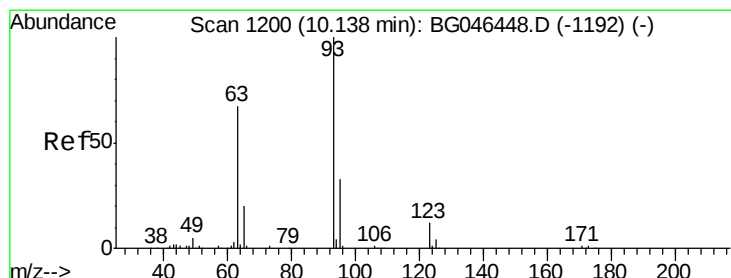
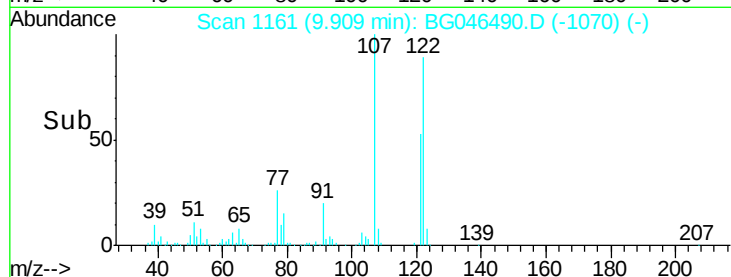
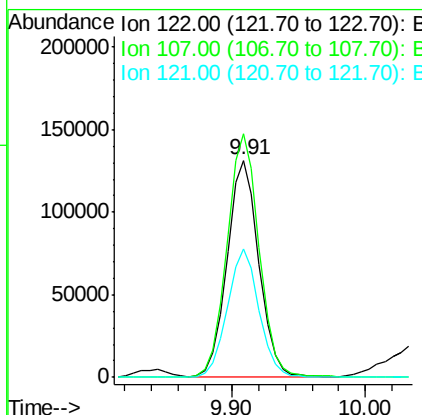
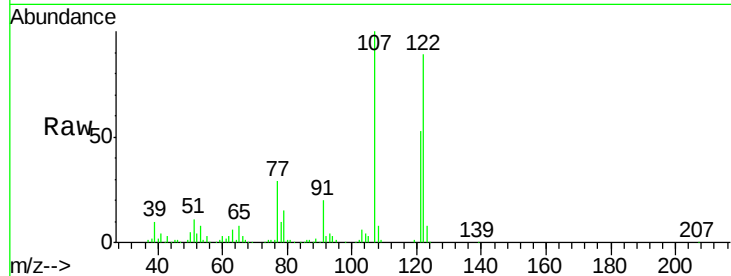




#27
 2,4-Dimethylphenol
 Concen: 65.332 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

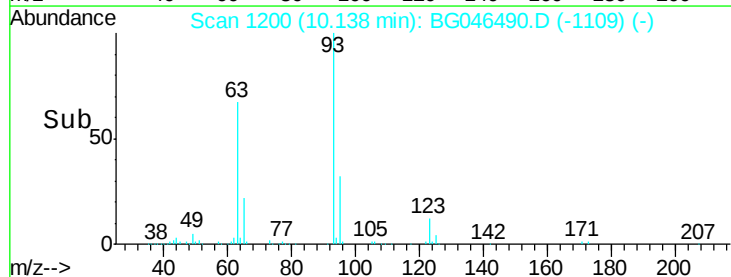
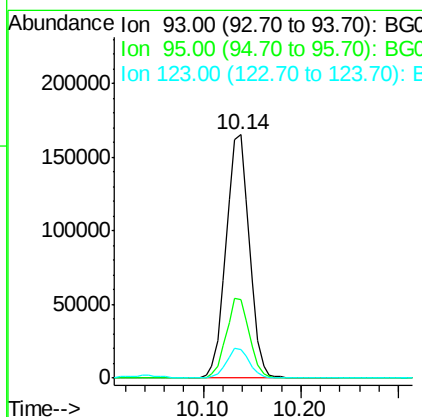
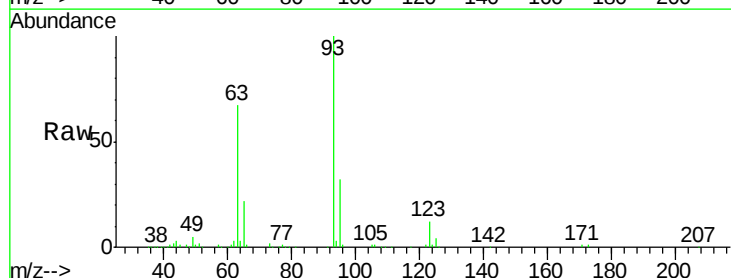
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

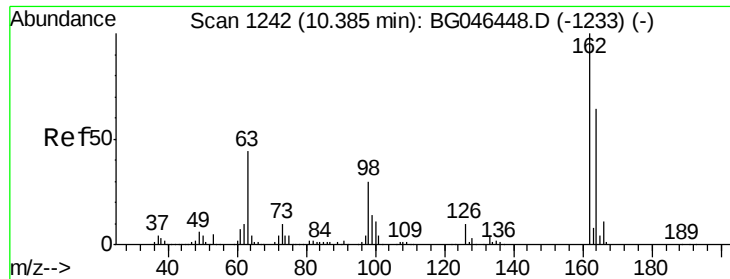
Tot Ion:122 Resp: 216469
 Ion Ratio Lower Upper
 122 100
 107 112.1 88.2 132.2
 121 59.3 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.291 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion: 93 Resp: 274279
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.1 39.1
 123 11.9 9.5 14.3

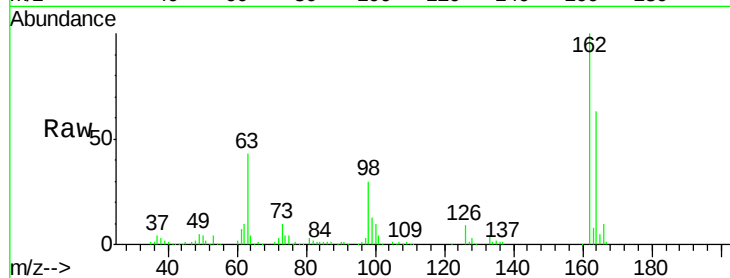




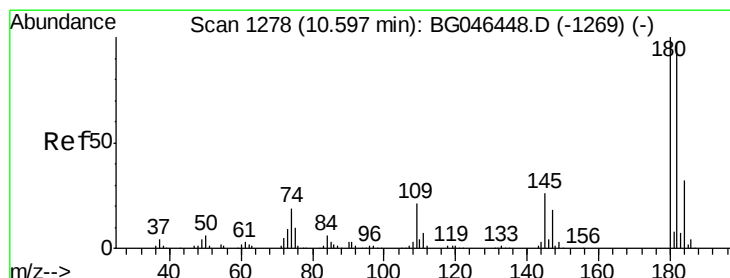
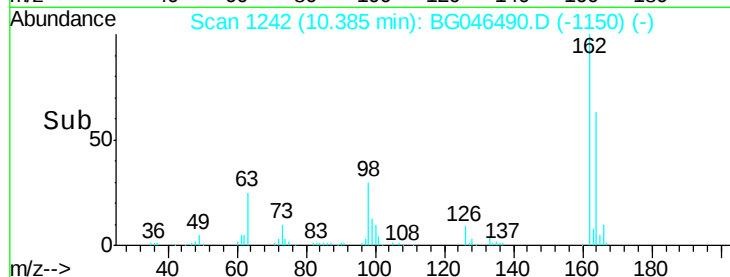
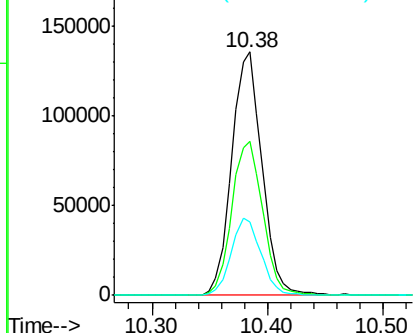
#29
 2,4-Dichlorophenol
 Concen: 56.007 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.3	84.3
98	30.1	10.0	50.0

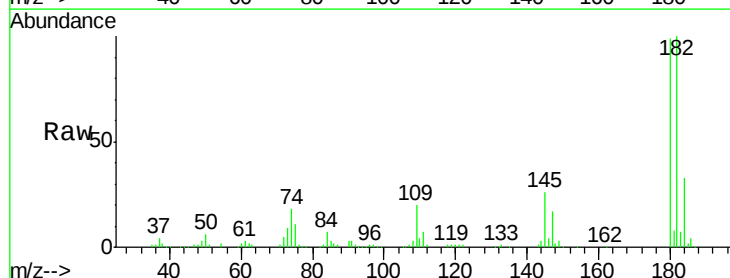


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

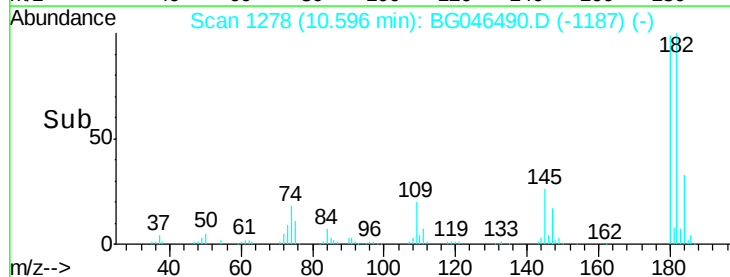
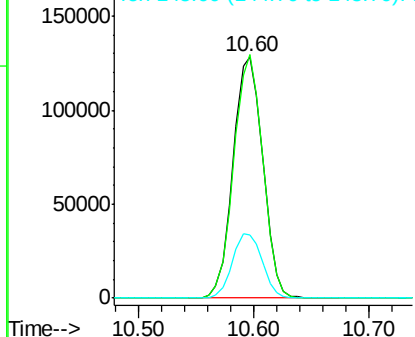


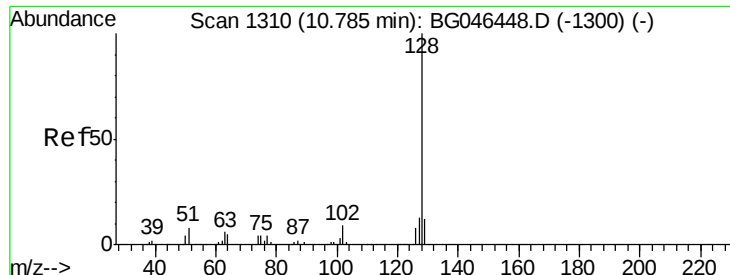
#30
 1,2,4-Trichlorobenzene
 Concen: 43.616 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	77.8	116.8
145	26.0	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

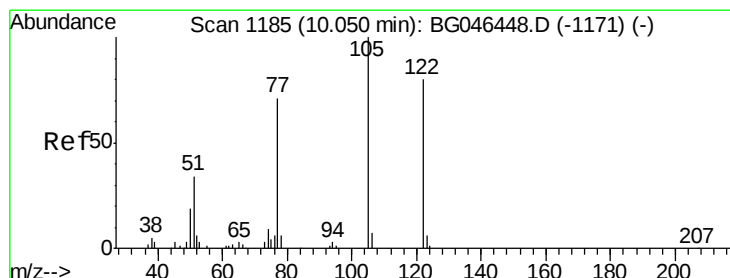
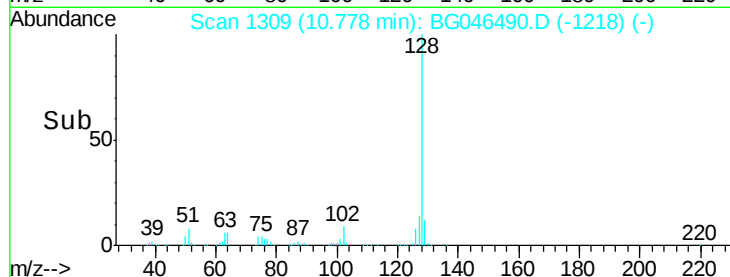
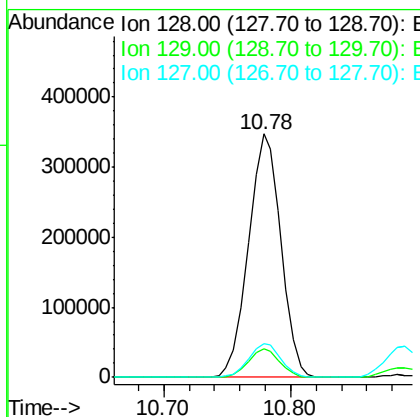
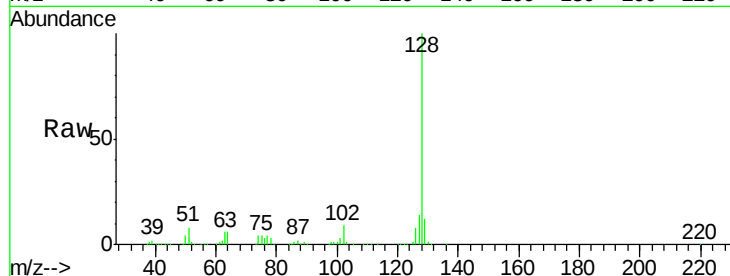




#31
Naphthalene
Concen: 47.756 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

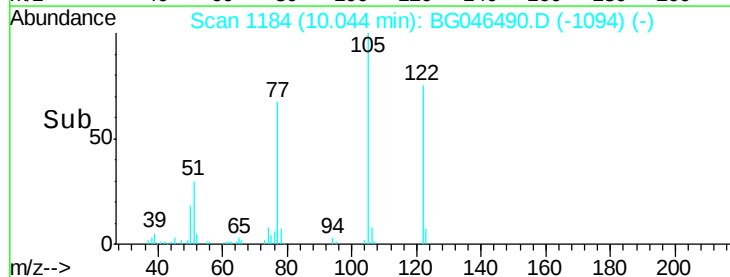
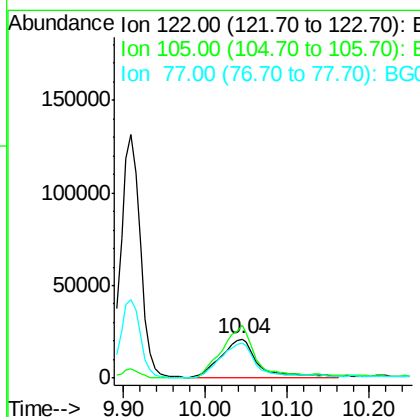
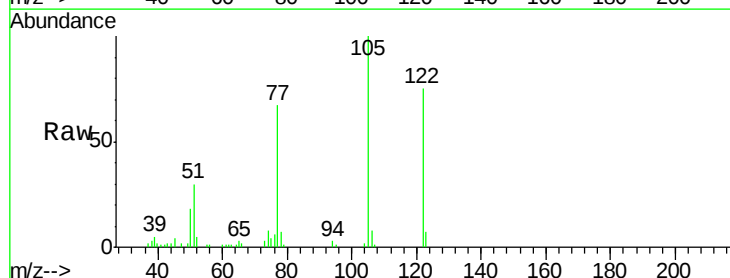
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

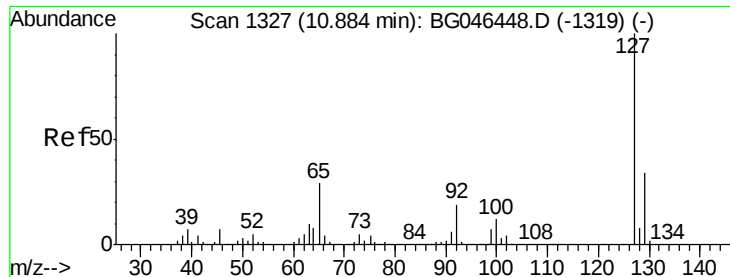
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.7	10.7	16.1



#32
Benzoic acid
Concen: 30.878 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.8	102.5	142.5
77	89.4	68.2	108.2

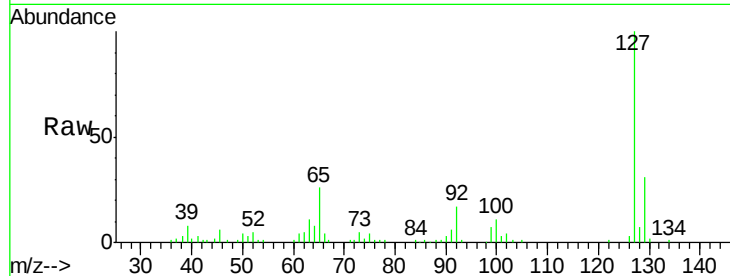




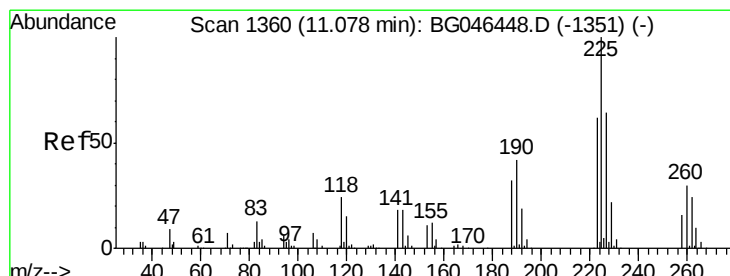
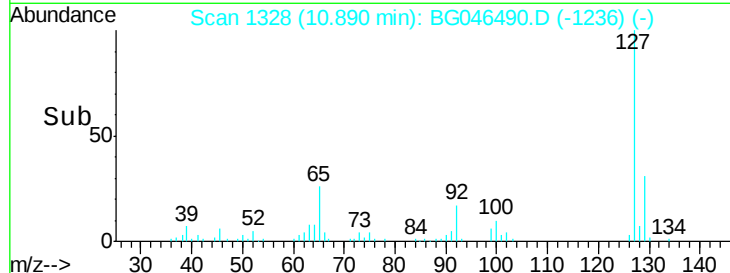
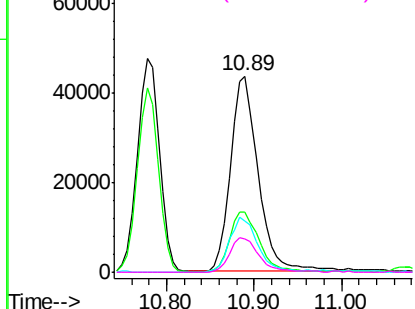
#33
4-Chloroaniline
Concen: 16.496 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

Tot Ion:127	Resp:	93818
Ion	Ratio	Lower Upper
127	100	
129	30.7	27.0 40.4
65	26.1	23.5 35.3
92	17.2	14.9 22.3

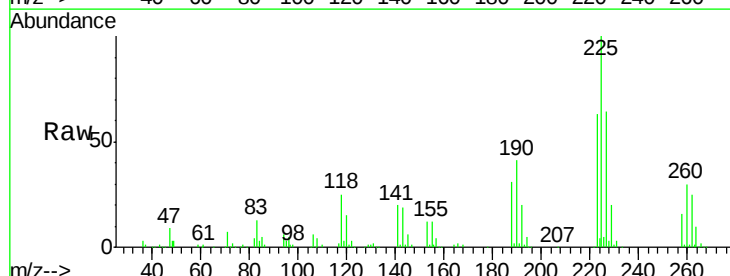


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

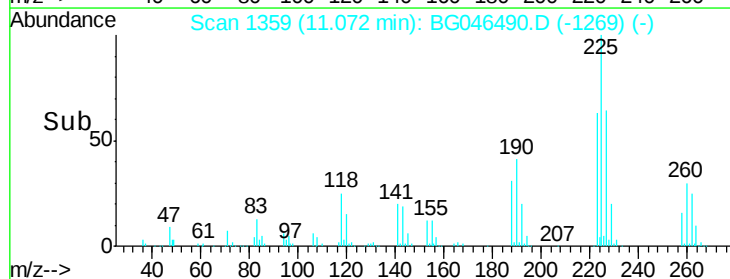
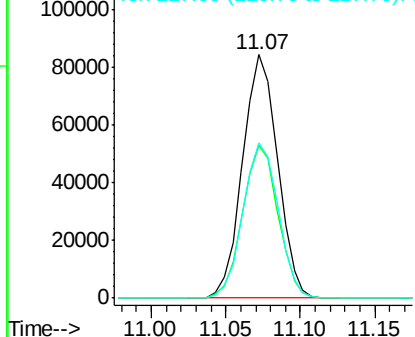


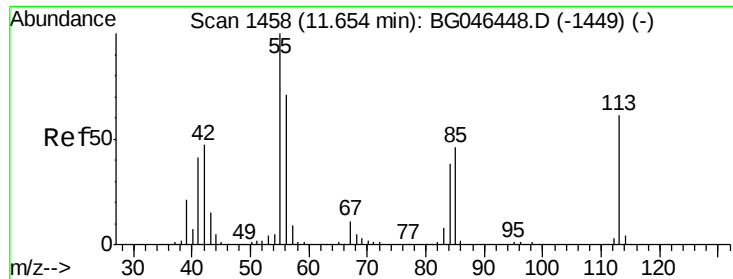
#34
Hexachlorobutadiene
Concen: 40.268 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion:225	Resp:	136994
Ion	Ratio	Lower Upper
225	100	
223	62.8	49.9 74.9
227	63.6	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: 23.841 ng

RT: 11.66 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

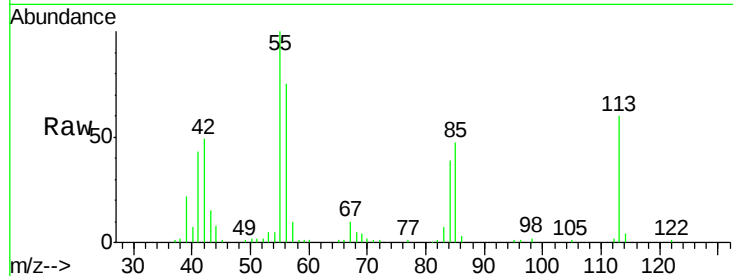
Tot Ion:113 Resp: 39363

Ion Ratio Lower Upper

113 100

55 167.7 144.2 184.2

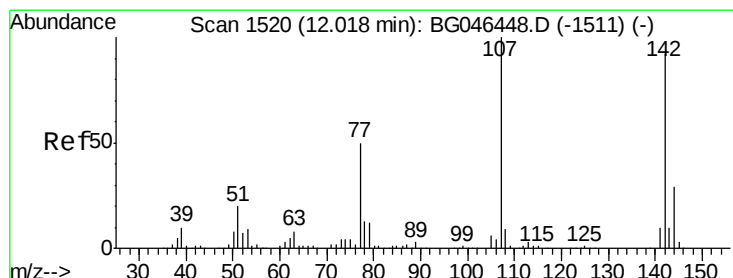
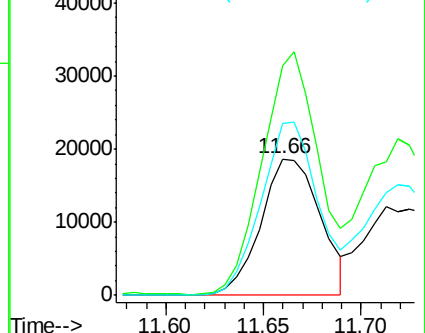
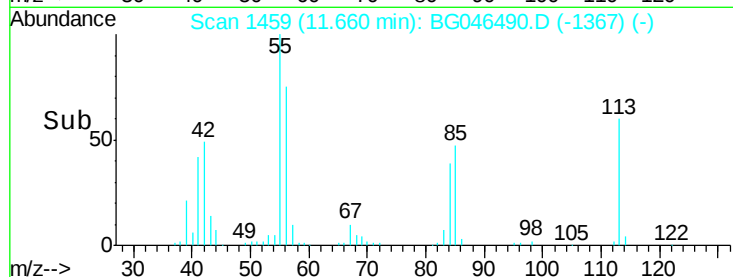
56 125.6 97.0 137.0



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: 61.654 ng

RT: 12.02 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

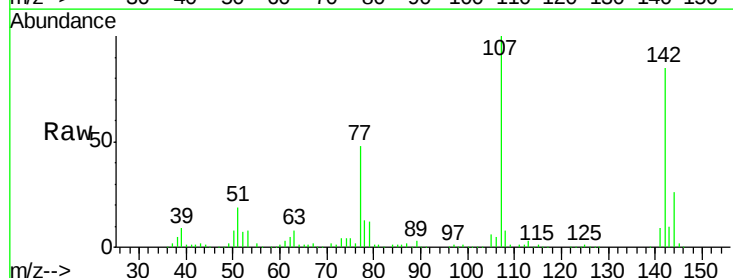
Tgt Ion:107 Resp: 266352

Ion Ratio Lower Upper

107 100

144 26.1 23.3 34.9

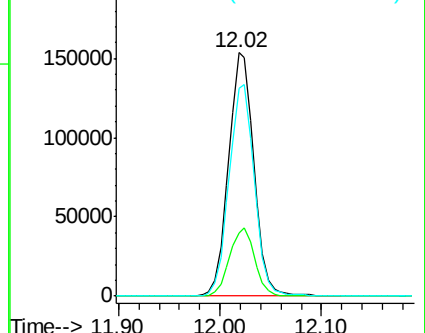
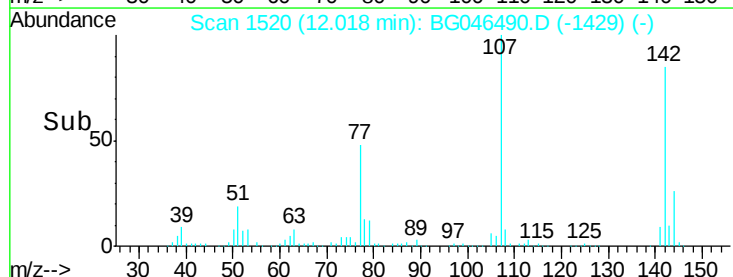
142 85.4 73.7 110.5

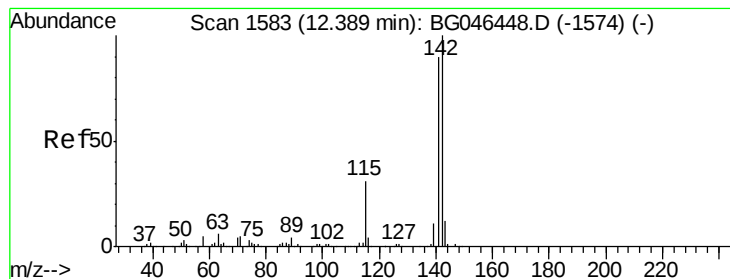


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.108 ng

RT: 12.39 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

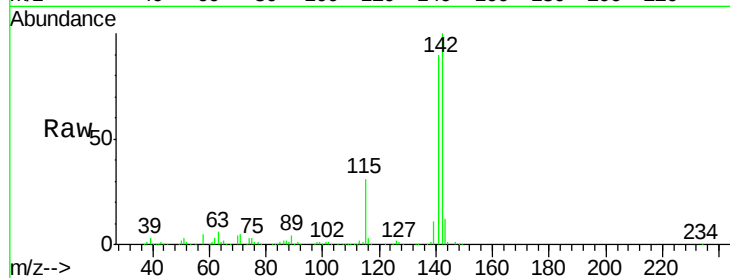
Tot Ion:142 Resp: 519876

Ion Ratio Lower Upper

142 100

141 90.0 72.1 108.1

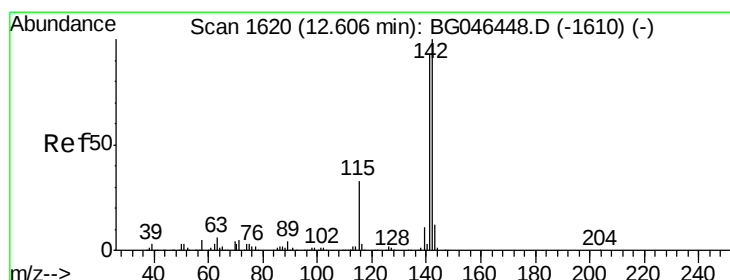
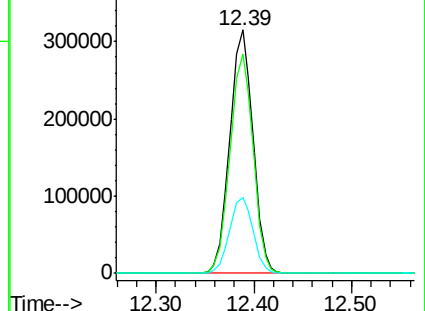
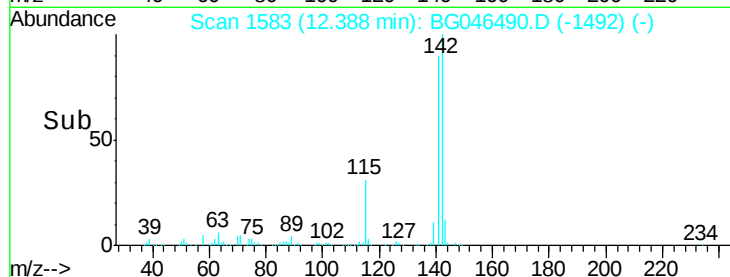
115 31.2 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.184 ng

RT: 12.61 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

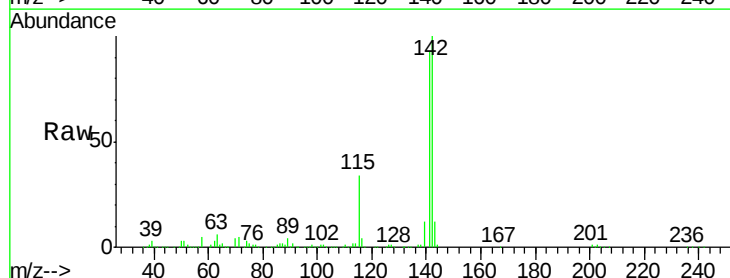
Tgt Ion:142 Resp: 502811

Ion Ratio Lower Upper

142 100

141 92.9 74.7 112.1

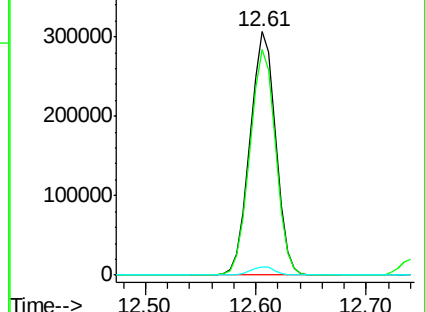
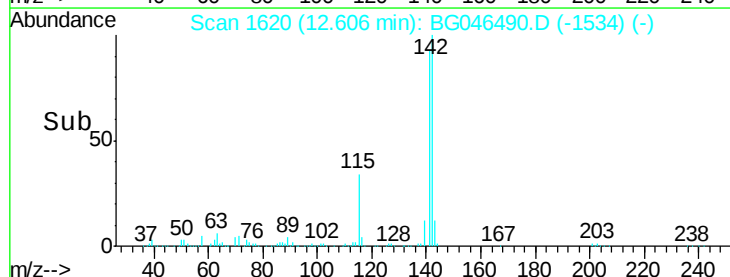
116 3.5 2.6 4.0

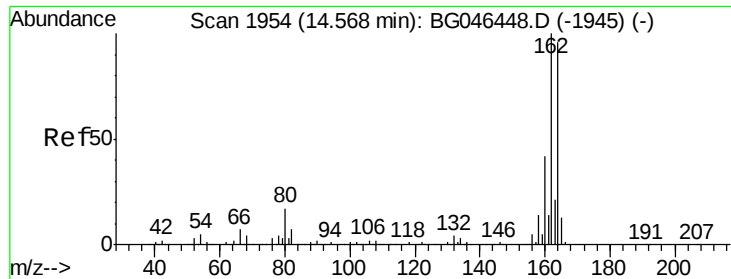


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

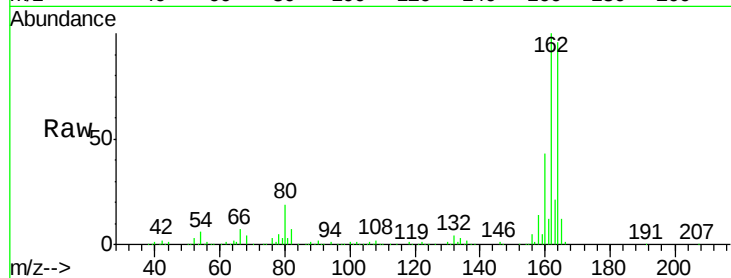
Tot Ion:164 Resp: 200895

Ion Ratio Lower Upper

164 100

162 104.2 83.3 124.9

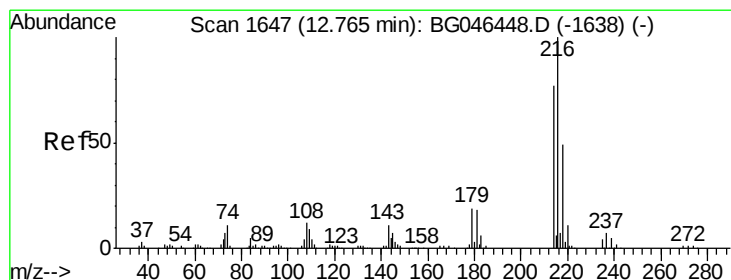
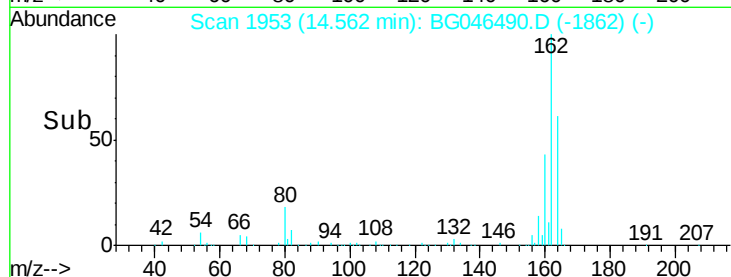
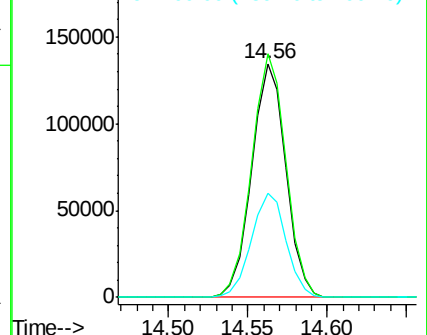
160 44.4 35.0 52.6



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: 47.035 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Tgt Ion:216 Resp: 311594

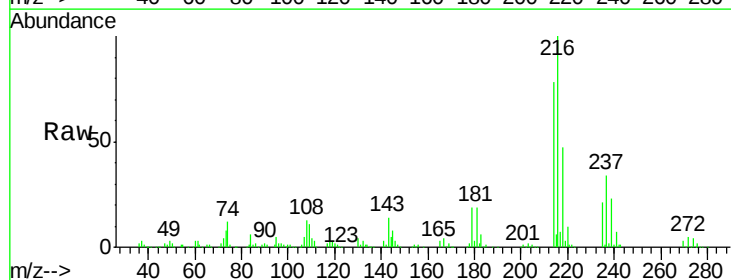
Ion Ratio Lower Upper

216 100

214 77.3 62.1 93.1

179 18.9 14.9 22.3

108 14.6 10.5 15.7

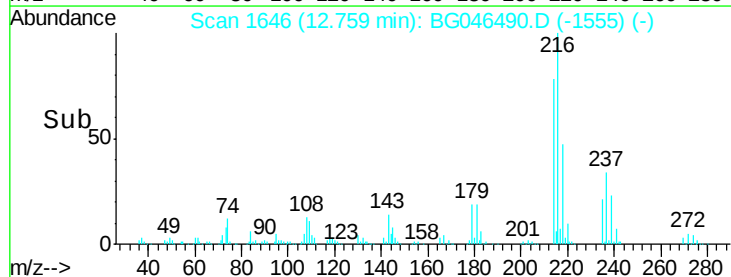
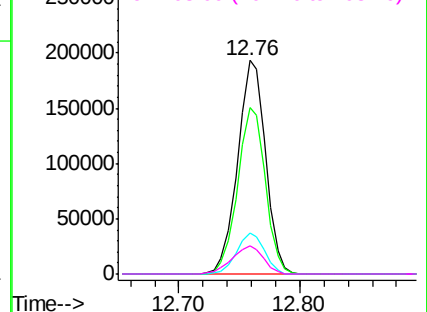


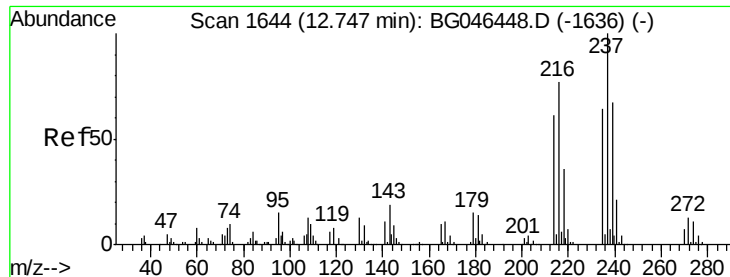
Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.650 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

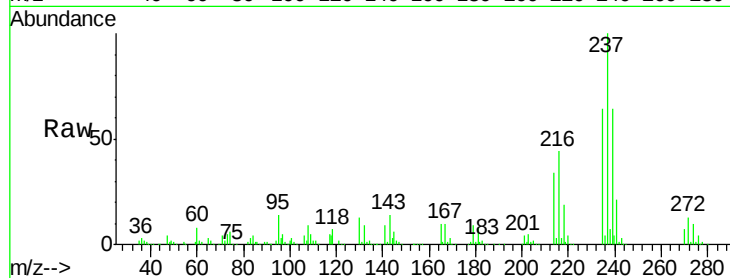
Tot Ion:237 Resp: 318738

Ion Ratio Lower Upper

237 100

235 63.6 44.5 84.5

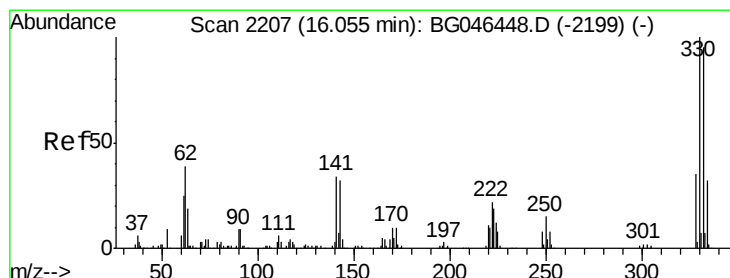
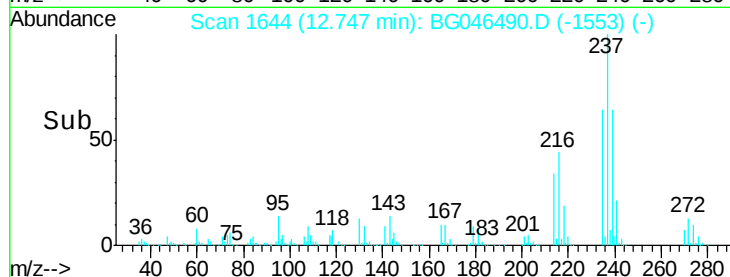
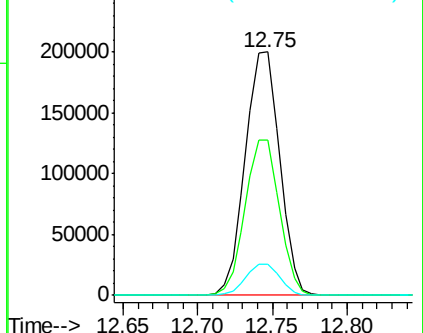
272 12.6 0.0 32.8



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: 142.505 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

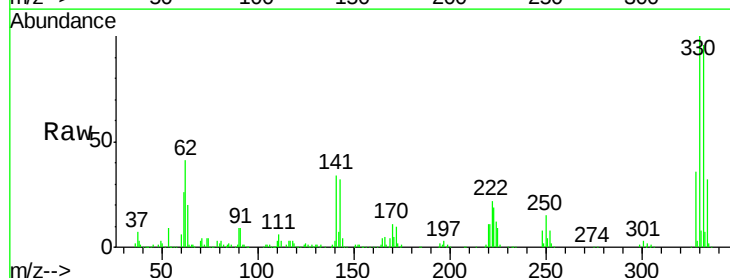
Tgt Ion:330 Resp: 387896

Ion Ratio Lower Upper

330 100

332 95.7 76.1 114.1

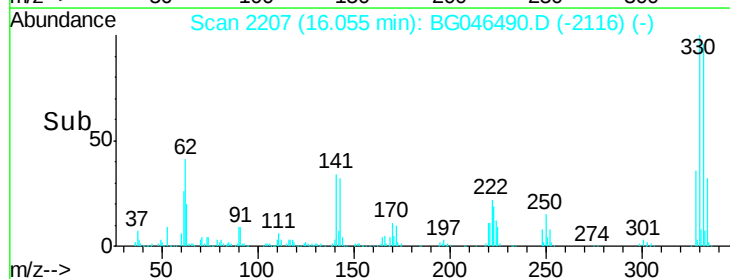
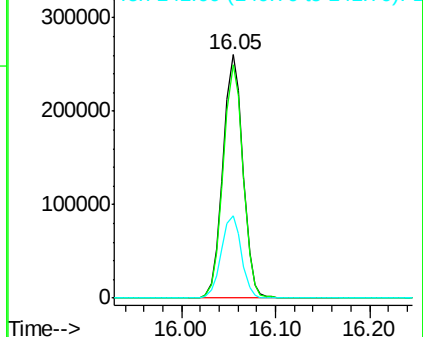
141 33.9 26.1 39.1

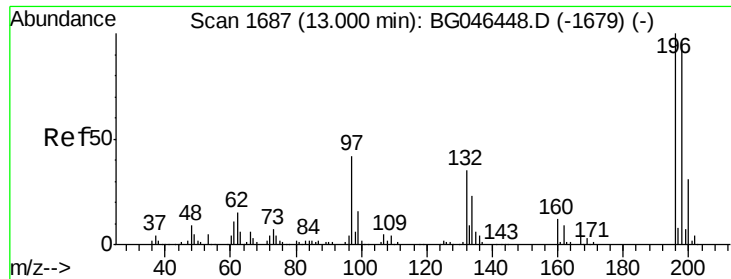


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

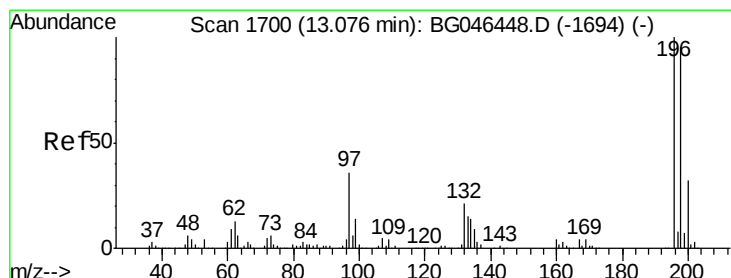
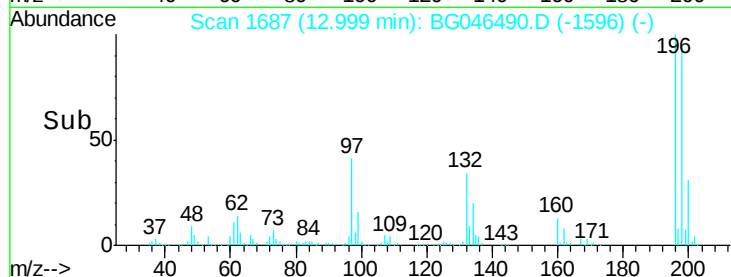
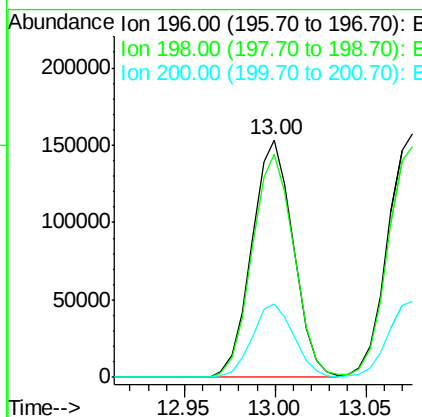
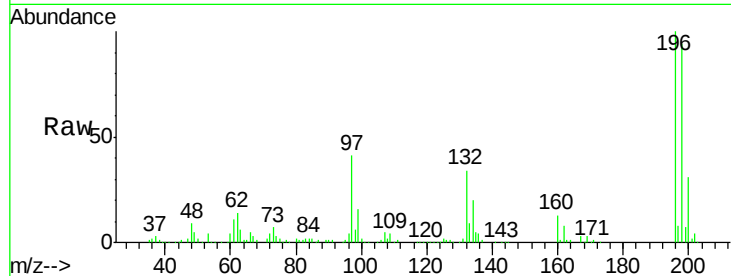




#43
 2,4,6-Trichlorophenol
 Concen: 54.377 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

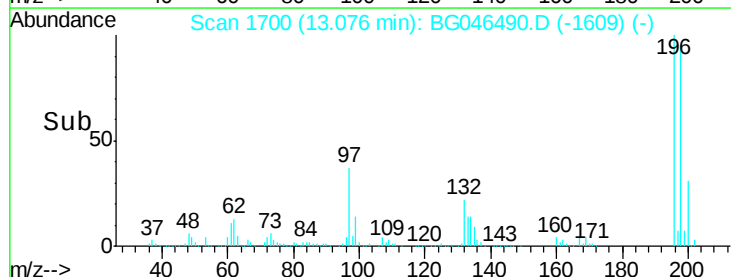
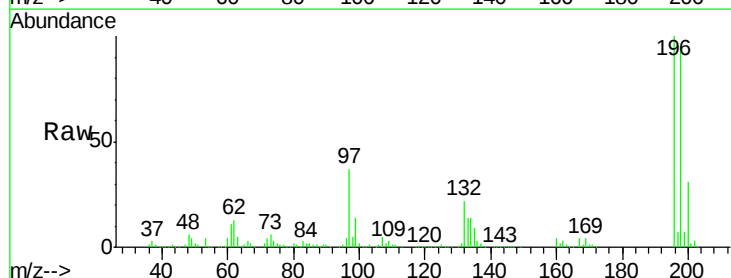
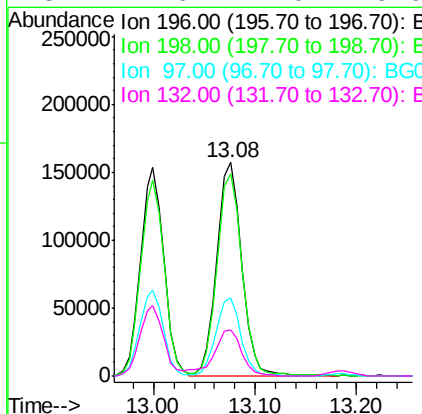
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

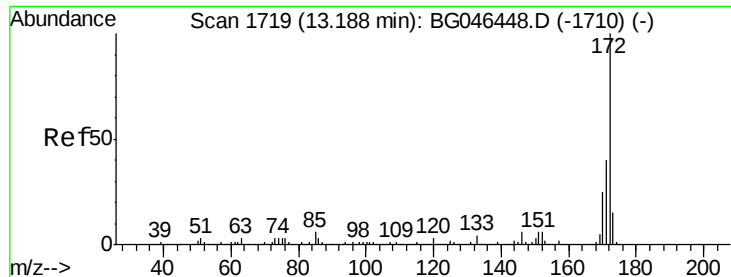
Tot Ion	196	Resp	243099
Ion Ratio	Lower	Upper	
196	100		
198	93.9	77.0	115.6
200	30.9	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 57.154 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion	196	Resp	268459
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.6	113.4
97	36.7	28.6	43.0
132	21.6	17.0	25.6



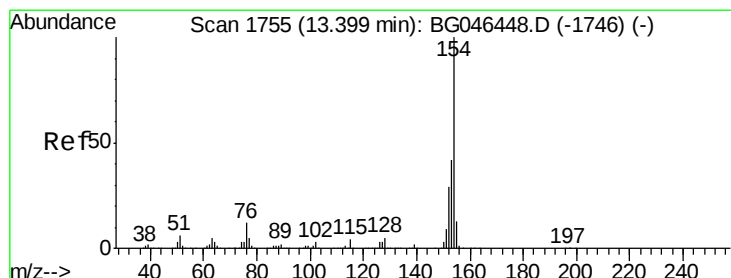
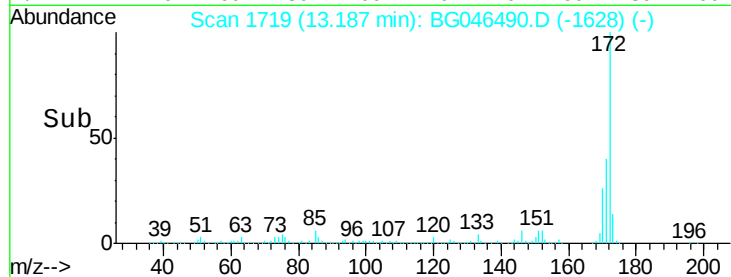
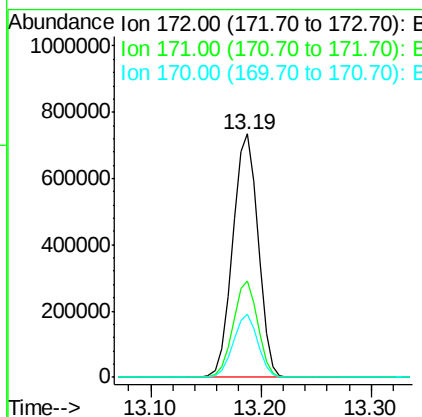
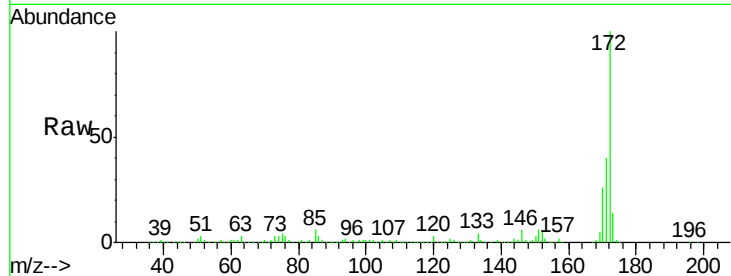


#45
 2-Fluorobiphenyl
 Concen: 90.020 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

Tot Ion:172 Resp: 1184662

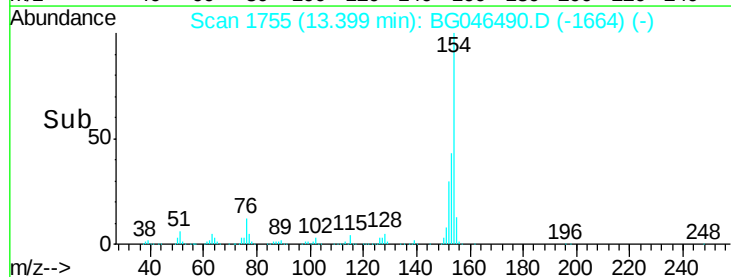
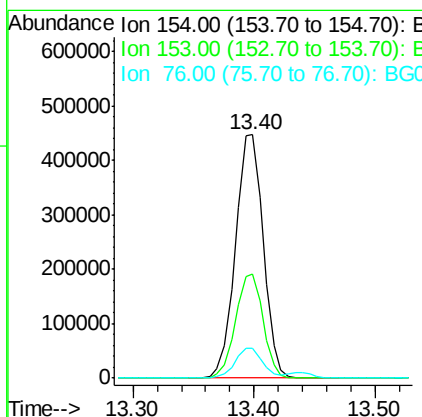
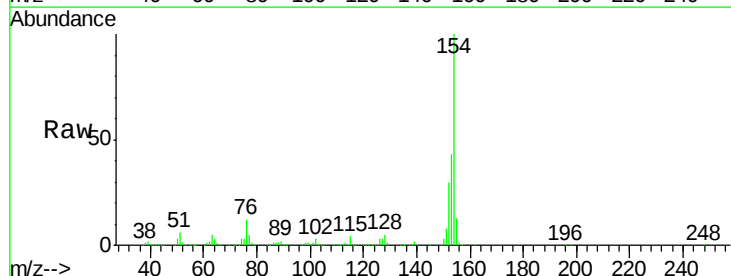
Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.8	47.6
170	25.7	20.3	30.5

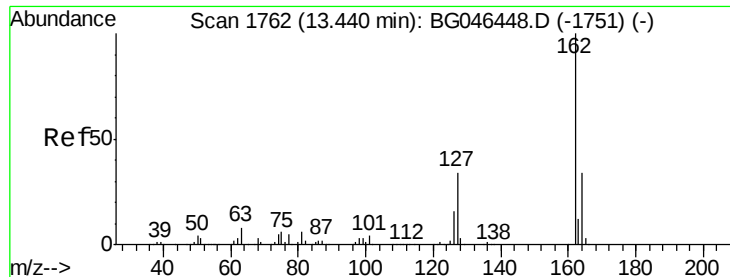


#46
 1,1'-Biphenyl
 Concen: 51.102 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion:154 Resp: 714257

Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.0	62.0
76	12.3	0.0	32.3

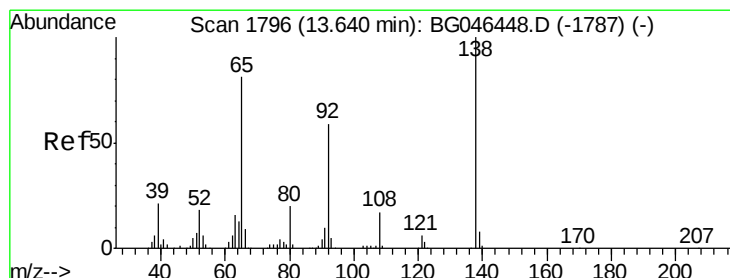
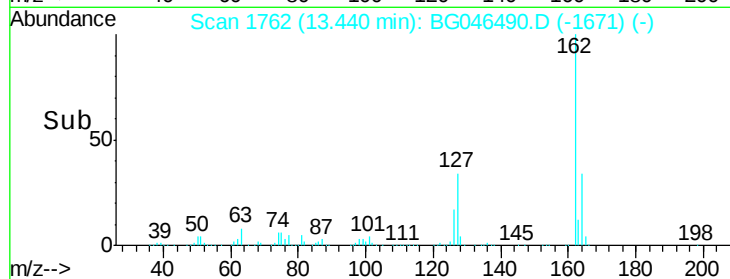
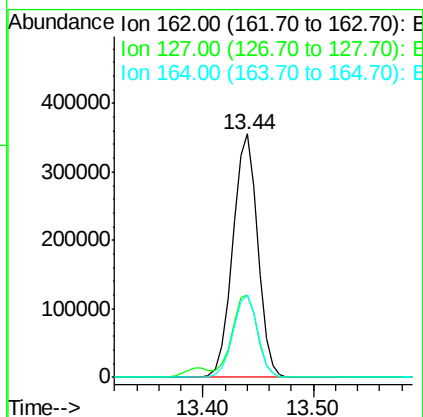
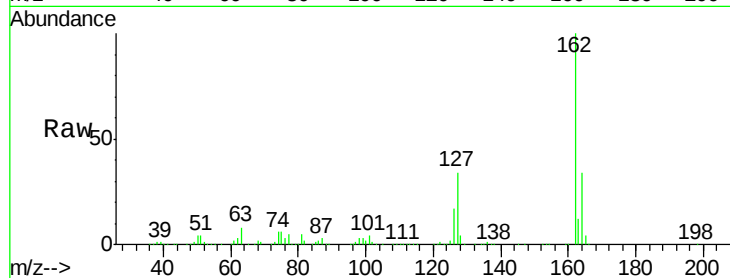




#47
 2-Chloronaphthalene
 Concen: 47.394 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

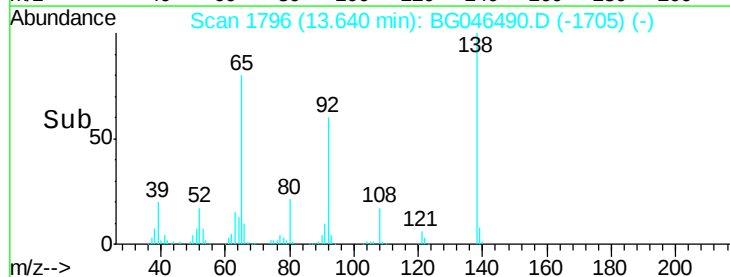
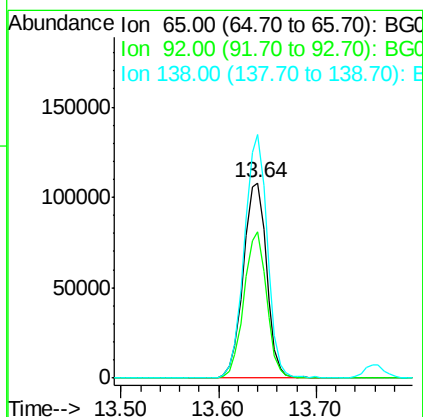
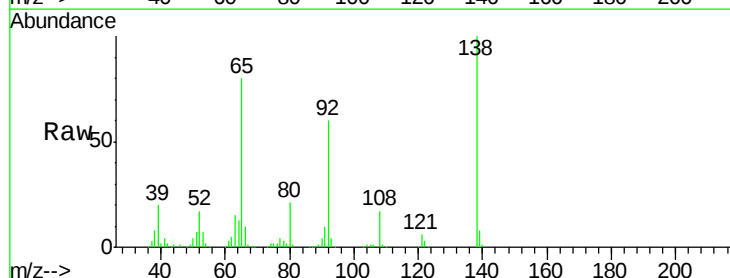
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

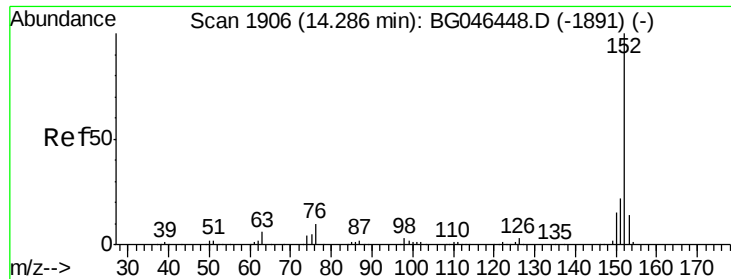
Tot Ion:162 Resp: 561651
 Ion Ratio Lower Upper
 162 100
 127 34.0 27.6 41.4
 164 33.7 27.3 40.9



#48
 2-Nitroaniline
 Concen: 55.098 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion: 65 Resp: 181311
 Ion Ratio Lower Upper
 65 100
 92 75.0 58.5 87.7
 138 124.7 98.4 147.6





#49

Acenaphthylene

Concen: 52.464 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

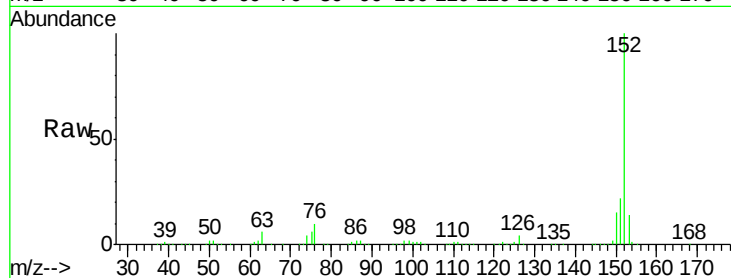
Tot Ion:152 Resp: 943117

Ion Ratio Lower Upper

152 100

151 22.3 17.7 26.5

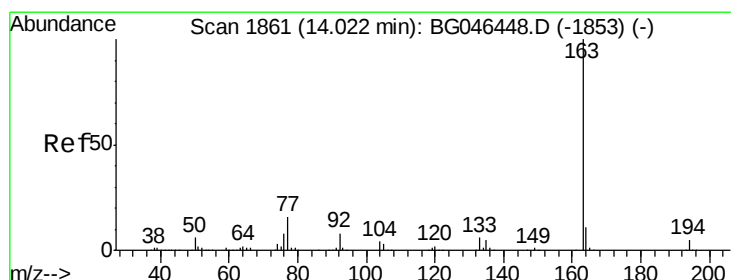
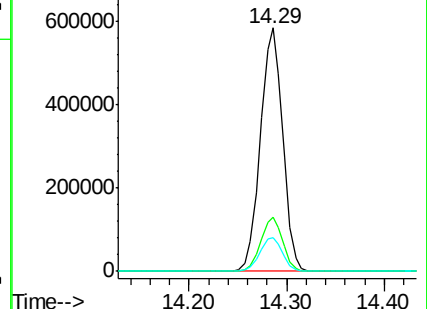
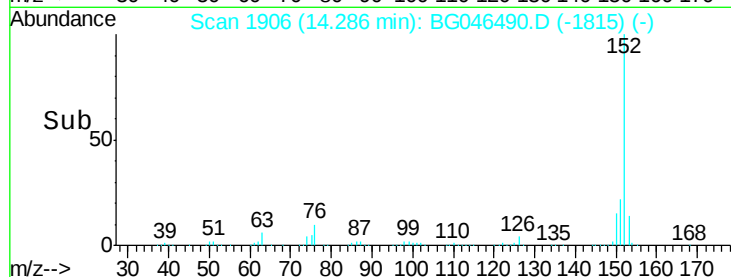
153 14.0 11.2 16.8



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: 53.783 ng

RT: 14.02 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

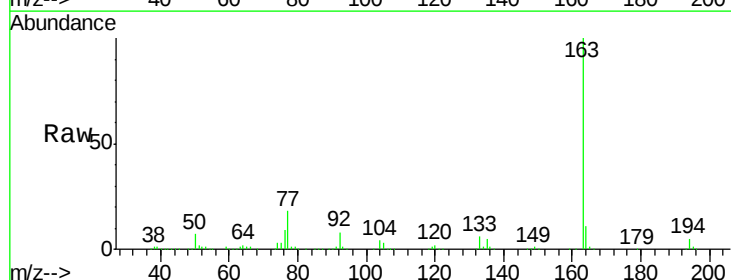
Tgt Ion:163 Resp: 835911

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

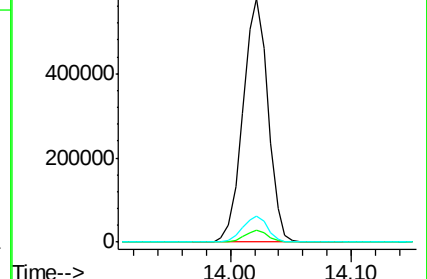
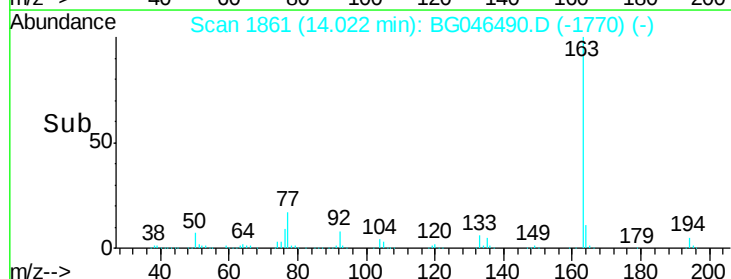
164 10.9 8.6 12.8

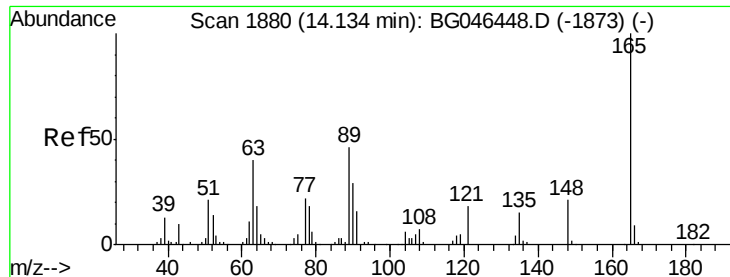


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

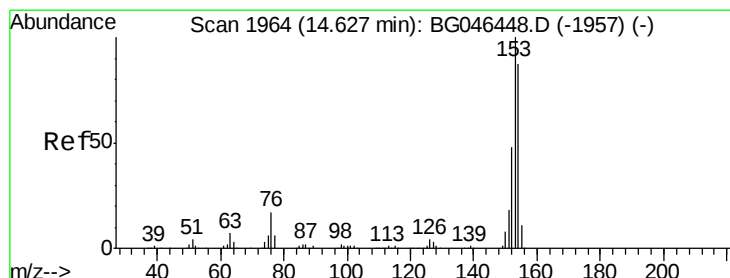
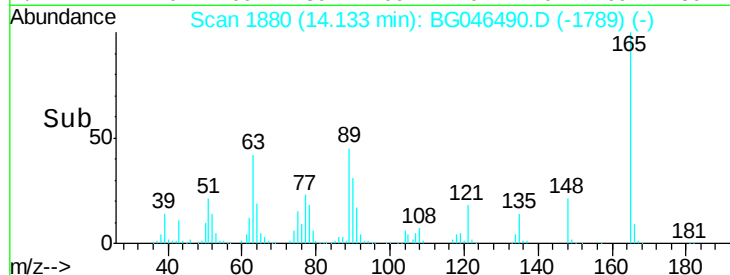
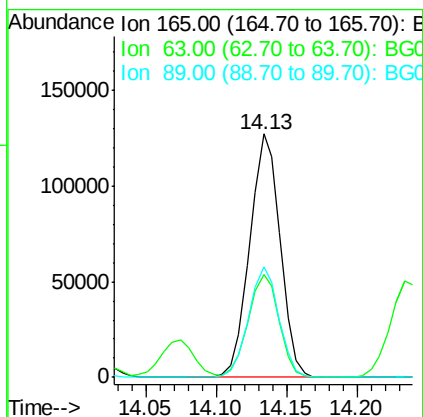
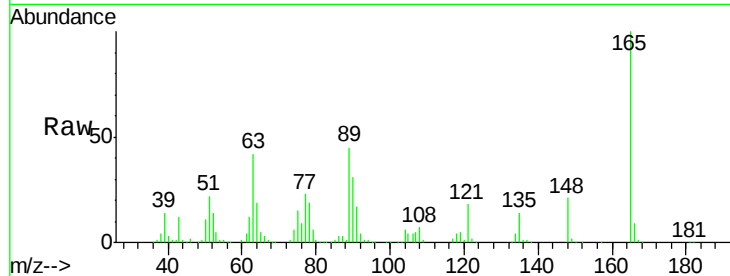




#51
 2,6-Dinitrotoluene
 Concen: 56.362 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

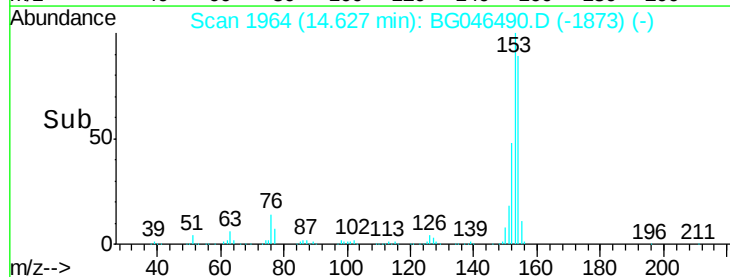
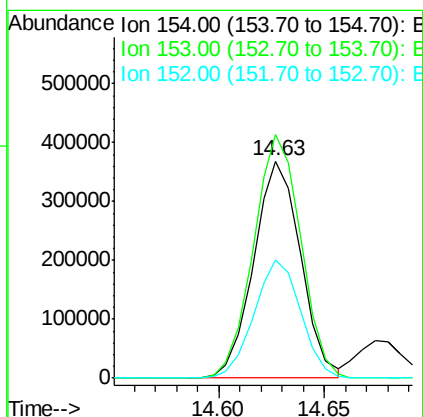
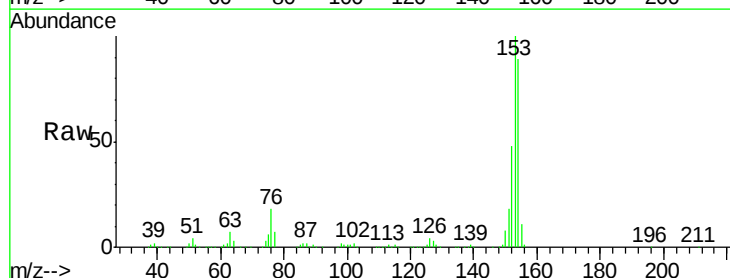
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

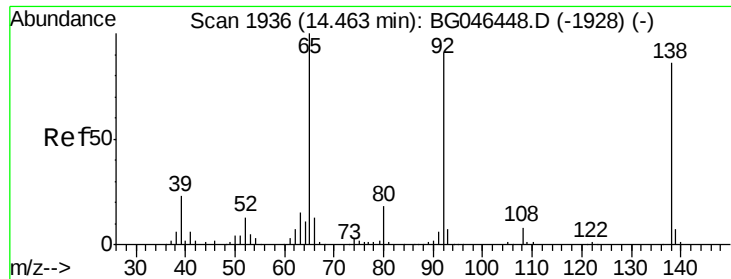
Tot Ion:165 Resp: 193099
 Ion Ratio Lower Upper
 165 100
 63 42.1 34.2 51.4
 89 45.3 37.0 55.4



#52
 Acenaphthene
 Concen: 51.178 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion:154 Resp: 570104
 Ion Ratio Lower Upper
 154 100
 153 112.2 91.9 137.9
 152 54.3 43.8 65.6





#53

3-Nitroaniline

Concen: 34.427 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

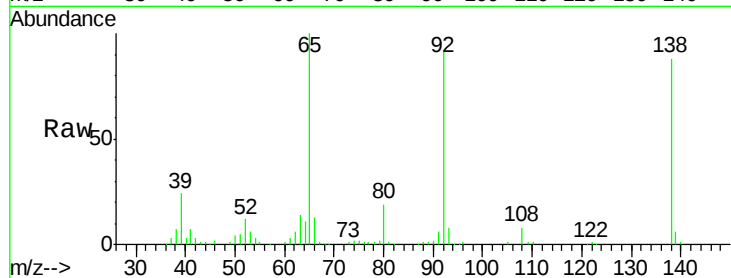
Tot Ion:138 Resp: 127763

Ion Ratio Lower Upper

138 100

108 9.4 7.0 10.6

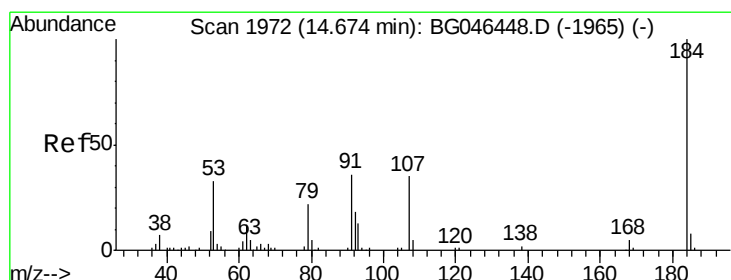
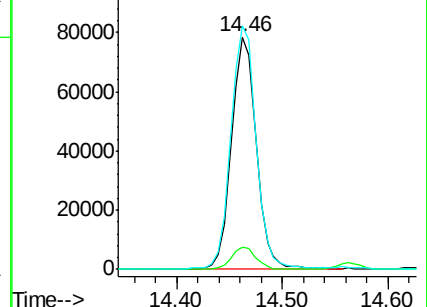
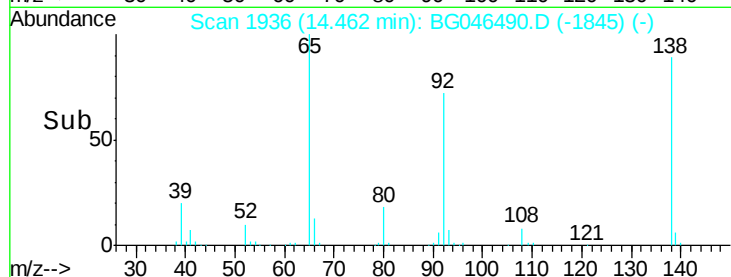
92 104.9 84.6 127.0



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: 106.625 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

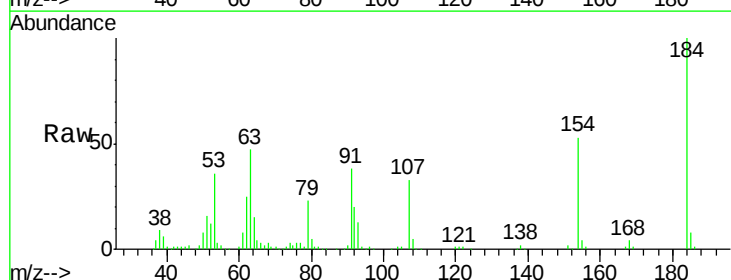
Tgt Ion:184 Resp: 213229

Ion Ratio Lower Upper

184 100

63 46.9 35.6 53.4

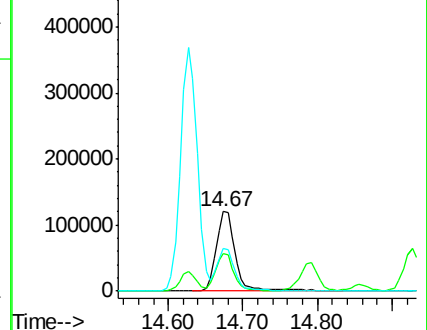
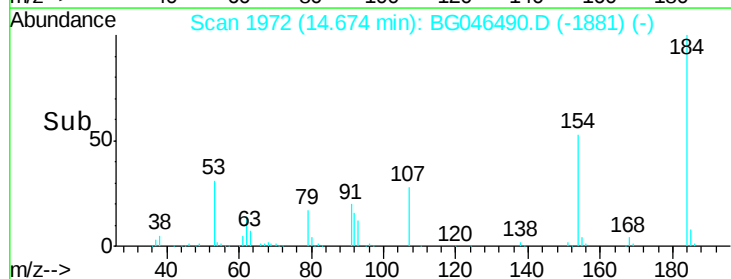
154 53.2 44.3 66.5

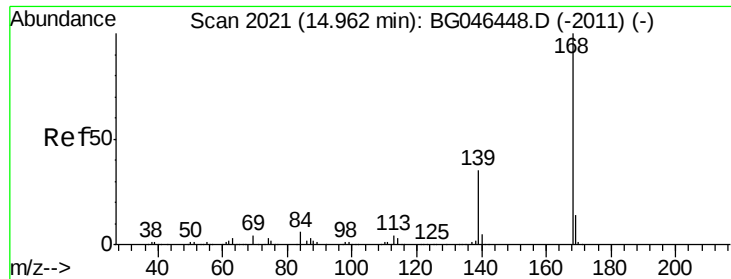


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

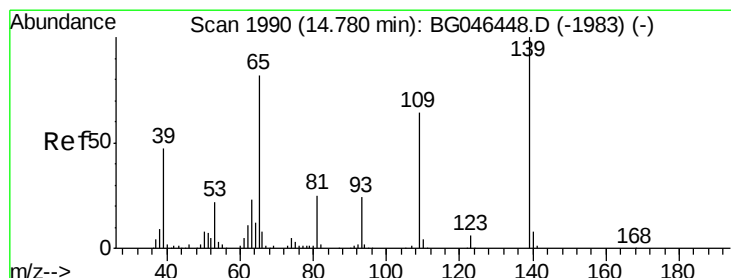
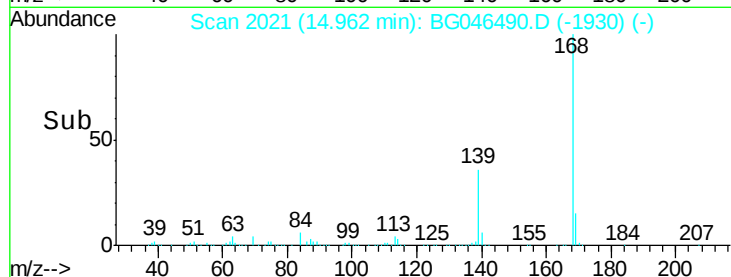
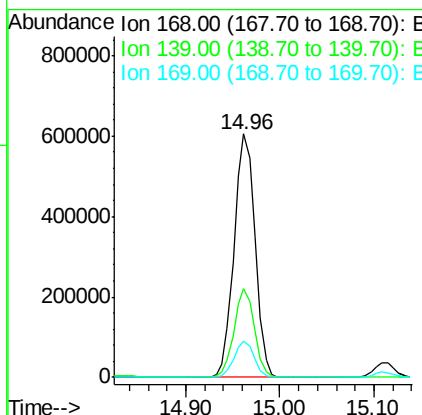
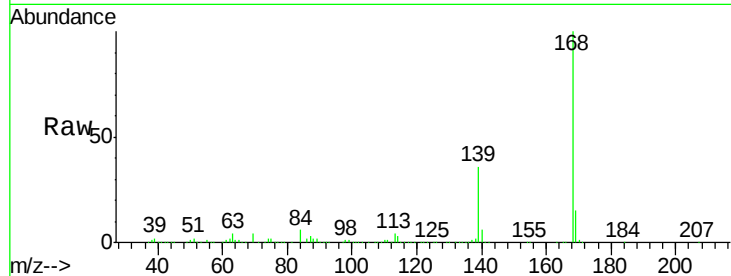




#55
Dibenzenofuran
Concen: 52.383 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

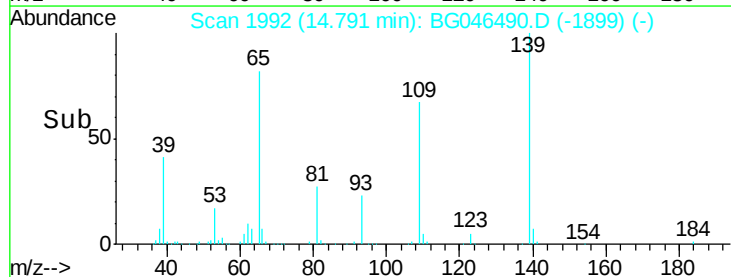
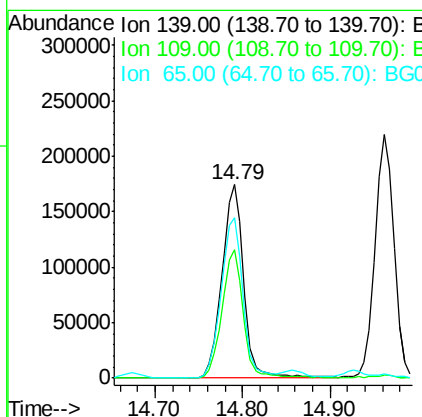
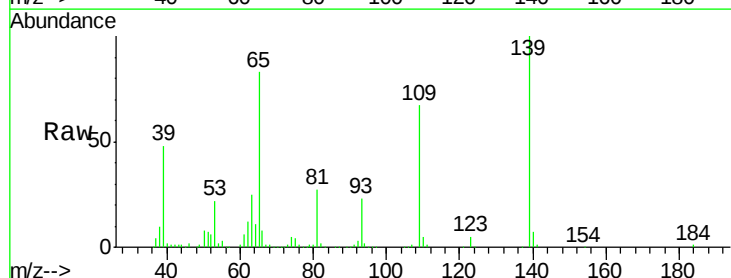
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

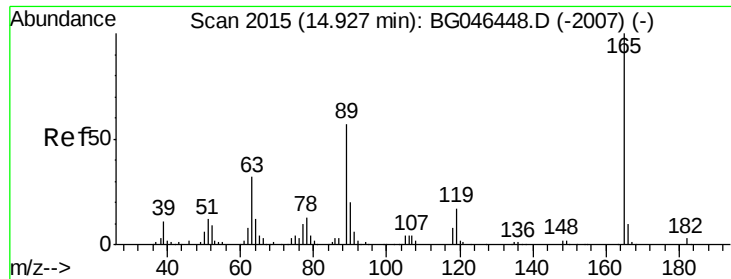
Tot Ion:168 Resp: 936467
Ion Ratio Lower Upper
168 100
139 36.2 28.1 42.1
169 14.9 11.5 17.3



#56
4-Nitrophenol
Concen: 110.355 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion:139 Resp: 301405
Ion Ratio Lower Upper
139 100
109 66.6 44.3 84.3
65 83.2 61.5 101.5

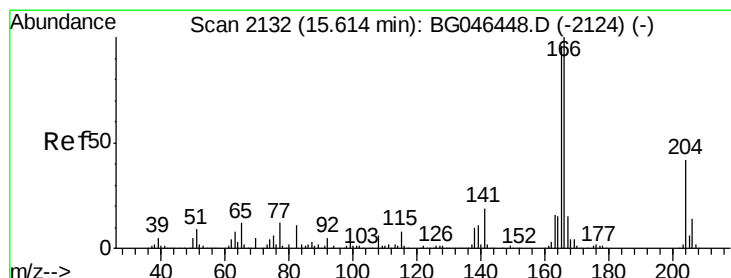
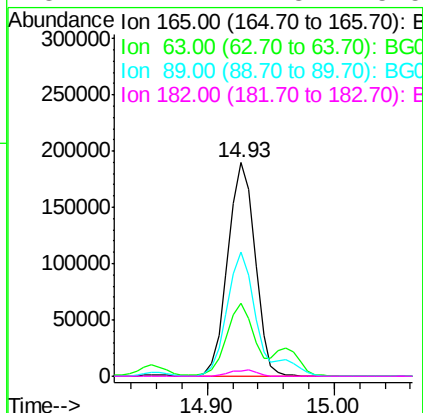
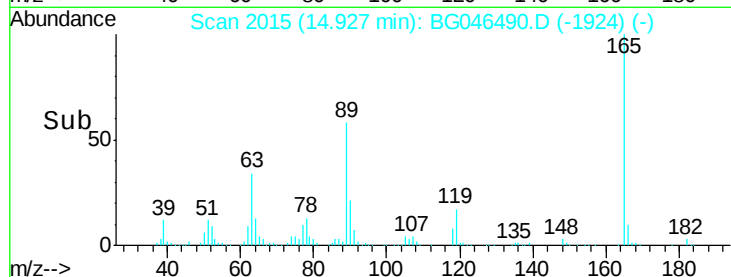
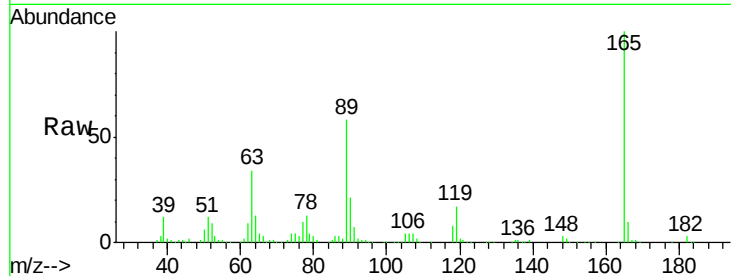




#57
 2,4-Dinitrotoluene
 Concen: 57.740 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

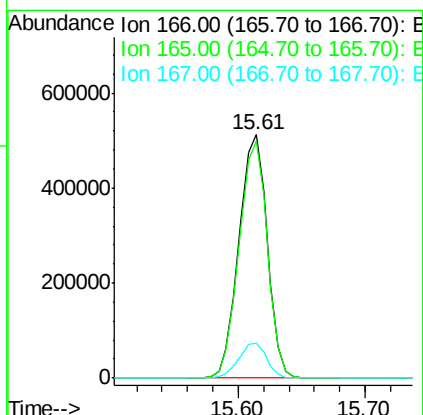
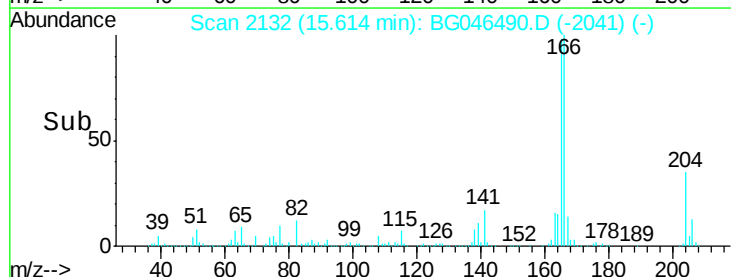
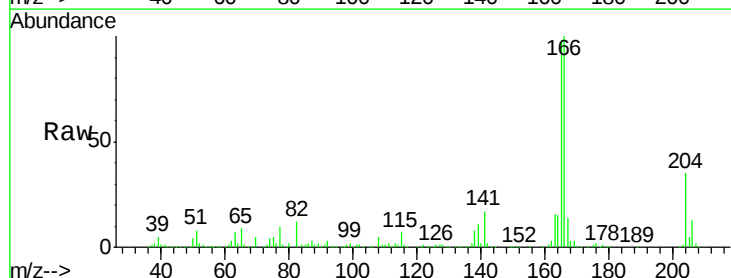
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

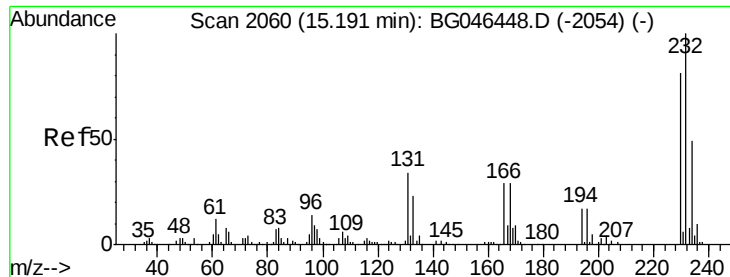
Tot Ion:165	Resp:	282069
Ion Ratio	Lower	Upper
165	100	
63	34.0	25.4 38.0
89	58.4	45.9 68.9
182	2.7	2.3 3.5



#58
 Fluorene
 Concen: 52.758 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion:166	Resp:	791612
Ion Ratio	Lower	Upper
166	100	
165	97.6	77.0 115.4
167	14.4	11.8 17.6

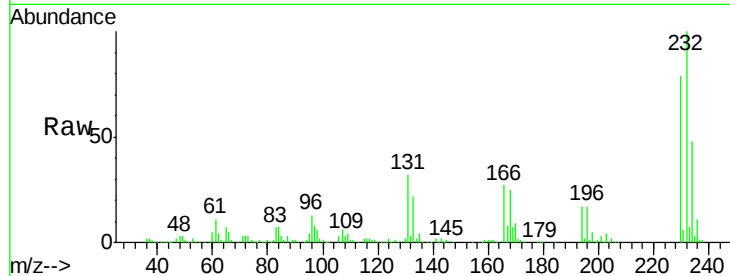




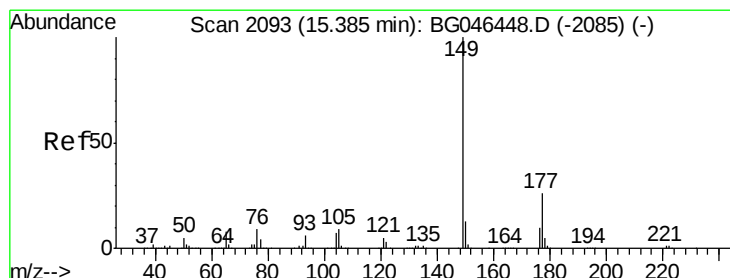
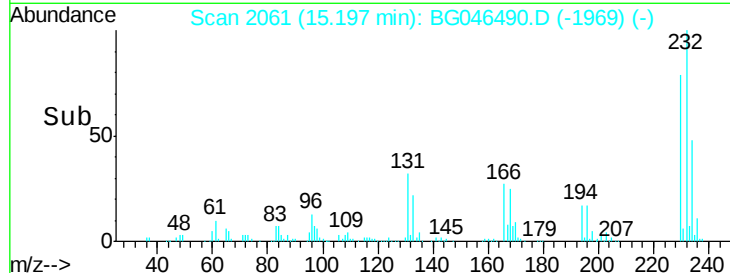
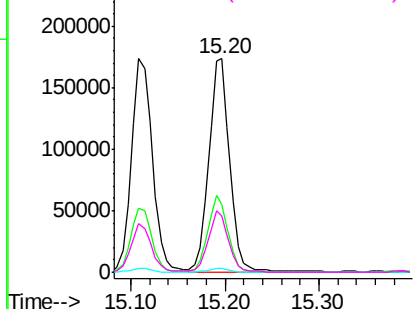
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.846 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. 0.01 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

Tot Ion:	232	Resp:	268411
Ion	Ratio	Lower	Upper
232	100		
131	34.7	26.8	40.2
130	2.0	1.4	2.2
166	27.7	22.8	34.2

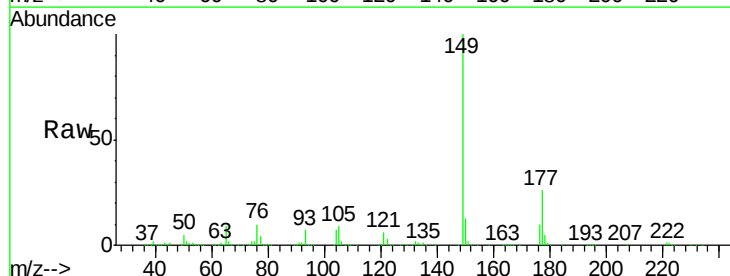


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

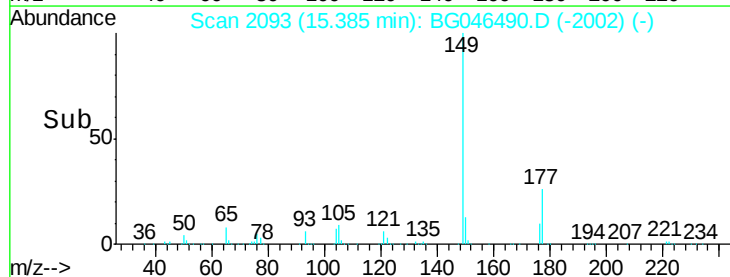
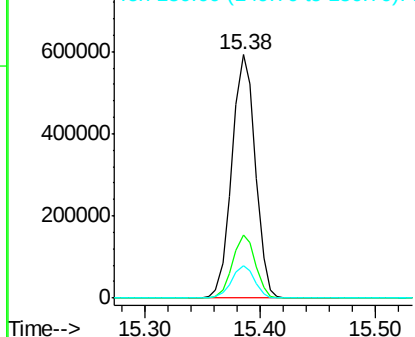


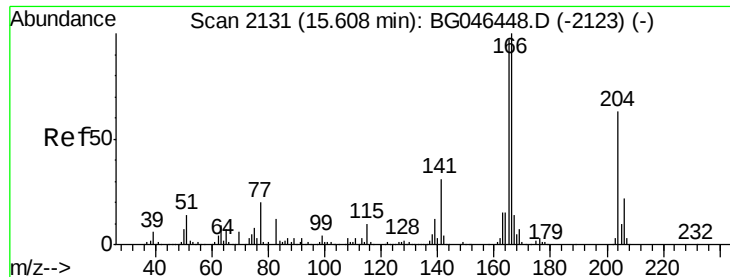
#60
 Diethylphthalate
 Concen: 54.772 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion:	149	Resp:	829984
Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.6	30.8
150	13.4	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

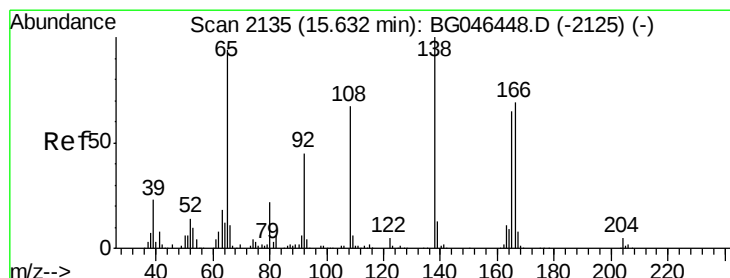
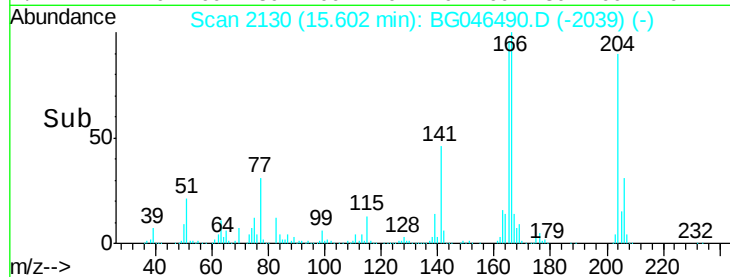
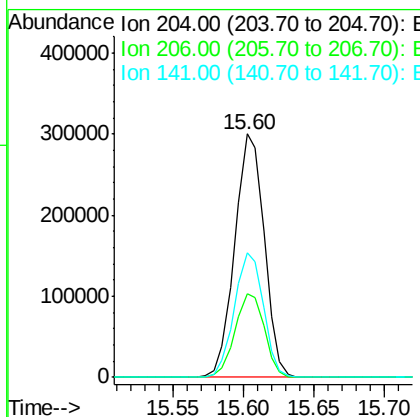
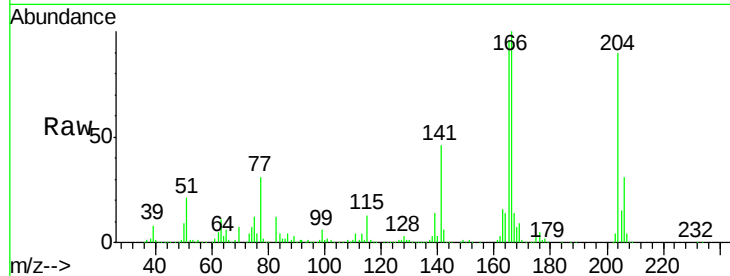




#61
 4-Chlorophenyl-phenylether
 Concen: 52.758 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

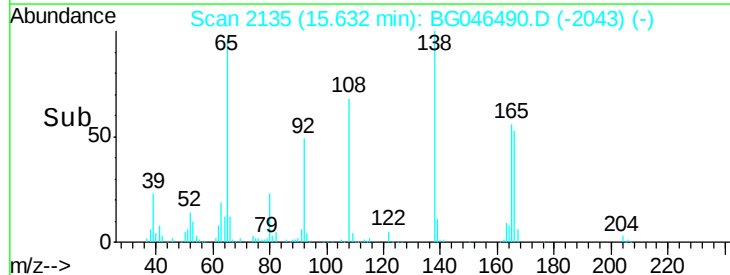
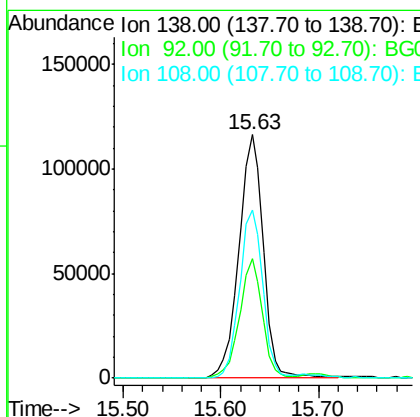
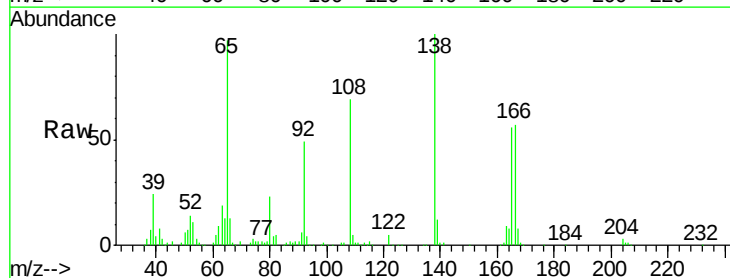
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

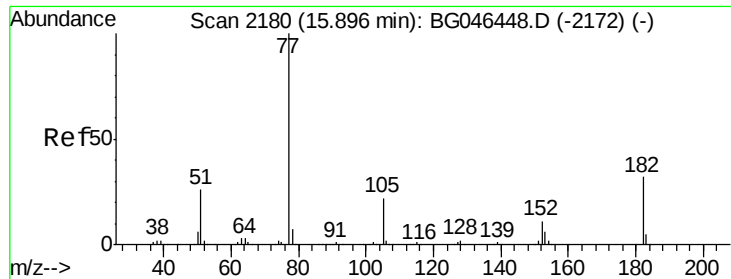
Tot Ion:204 Resp: 435972
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.7 41.5
 141 51.3 38.7 58.1



#62
 4-Nitroaniline
 Concen: 51.618 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion:138 Resp: 202124
 Ion Ratio Lower Upper
 138 100
 92 48.9 25.3 65.3
 108 68.9 46.7 86.7

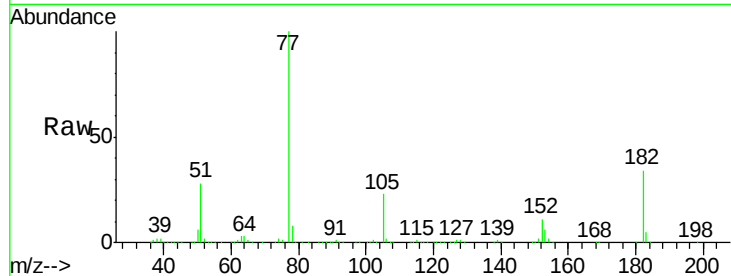




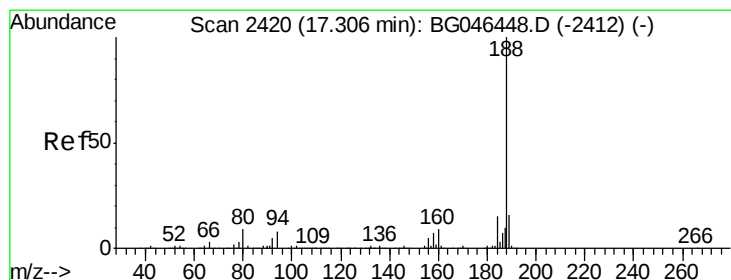
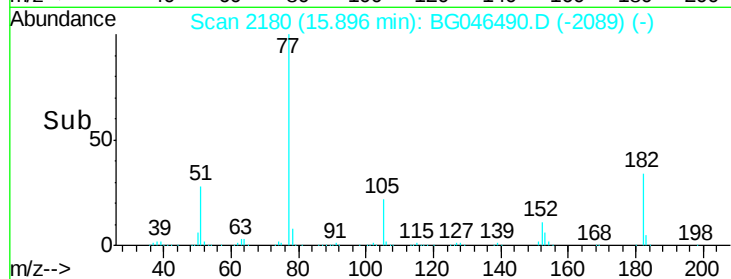
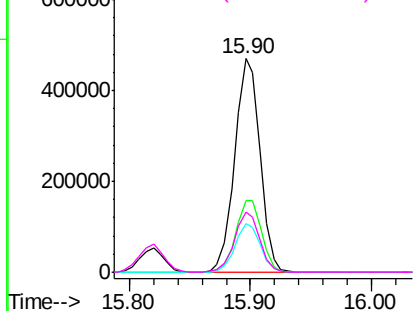
#63
Azobenzene
Concen: 55.466 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

Tot Ion: 77 Resp: 683699
Ion Ratio Lower Upper
77 100
182 33.6 12.3 52.3
105 22.7 2.3 42.3
51 28.1 6.5 46.5

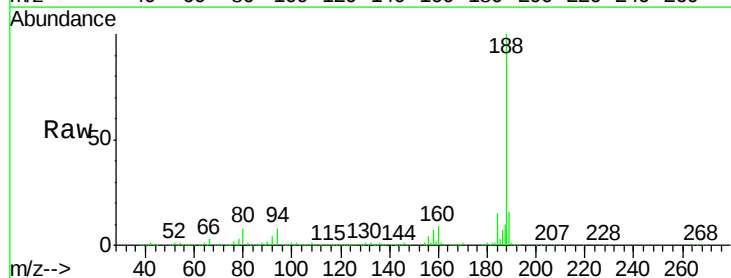


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

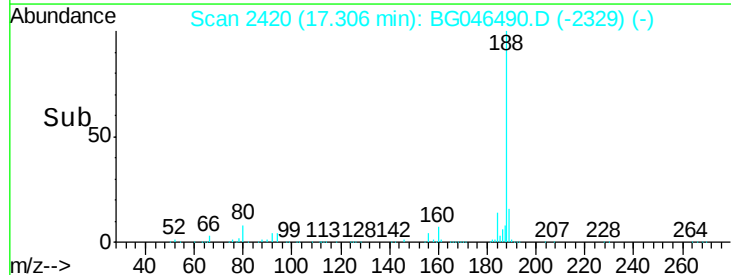
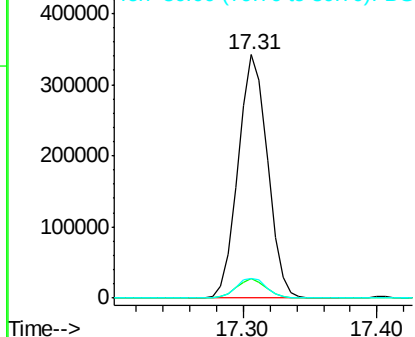


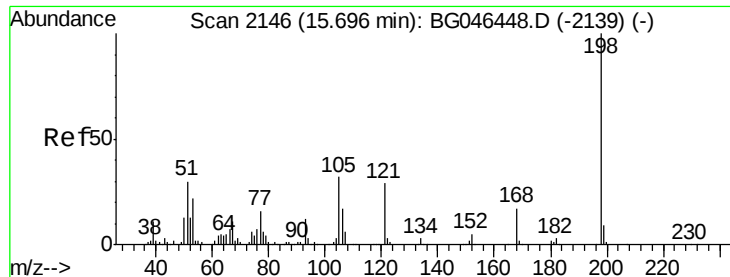
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion: 188 Resp: 520125
Ion Ratio Lower Upper
188 100
94 7.9 6.3 9.5
80 8.3 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: 59.801 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

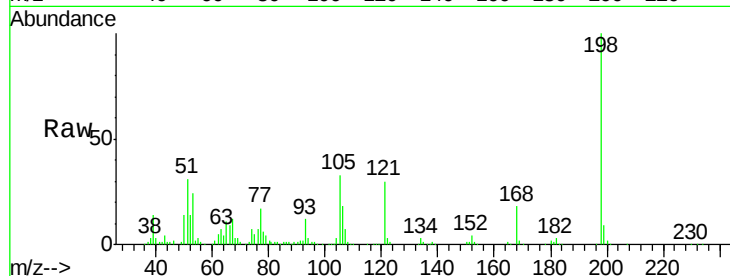
Tot Ion:198 Resp: 176050

Ion Ratio Lower Upper

198 100

51 31.1 10.4 50.4

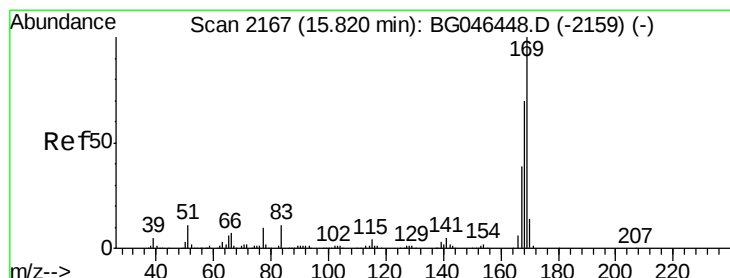
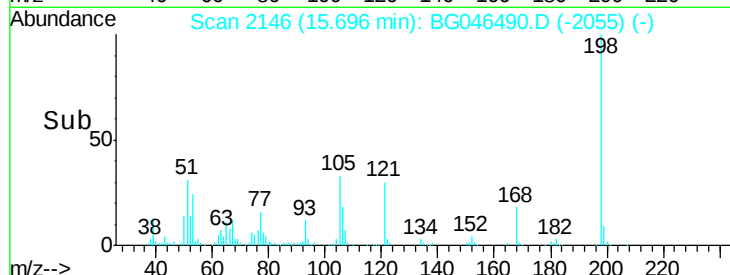
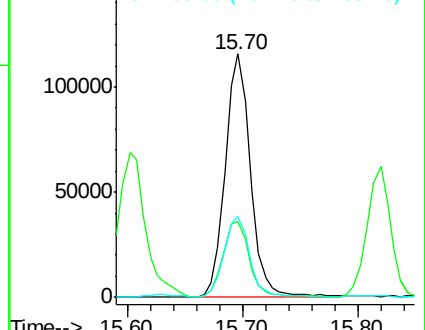
105 33.2 12.4 52.4



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: 53.198 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

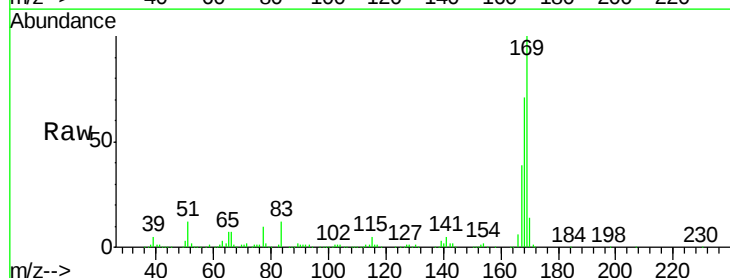
Tgt Ion:169 Resp: 746464

Ion Ratio Lower Upper

169 100

168 70.6 55.8 83.8

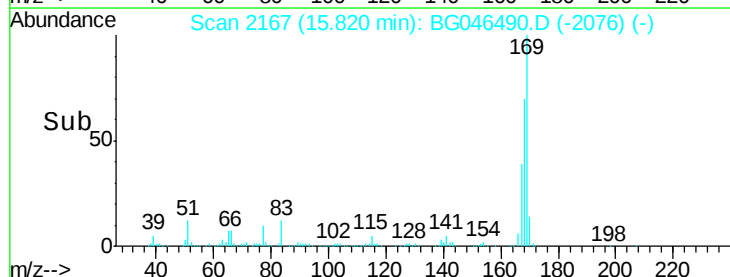
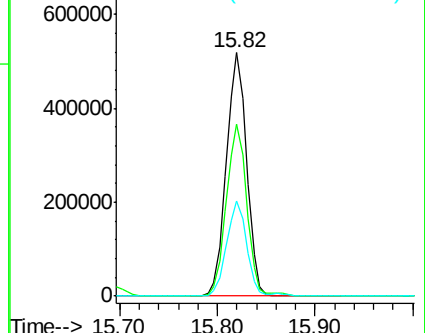
167 39.2 31.0 46.6

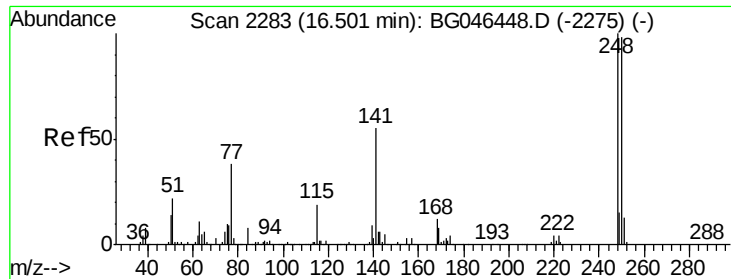


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

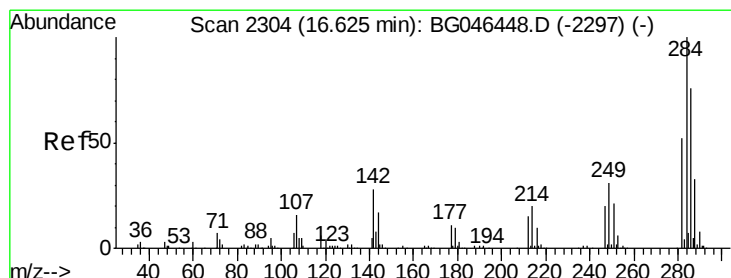
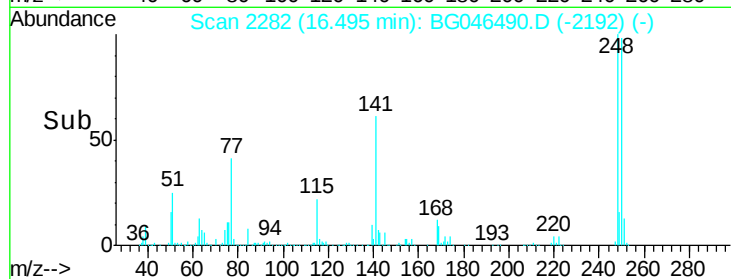
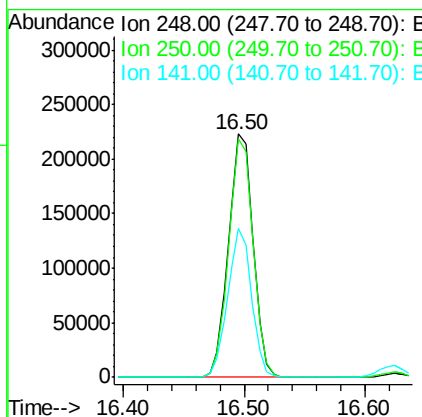
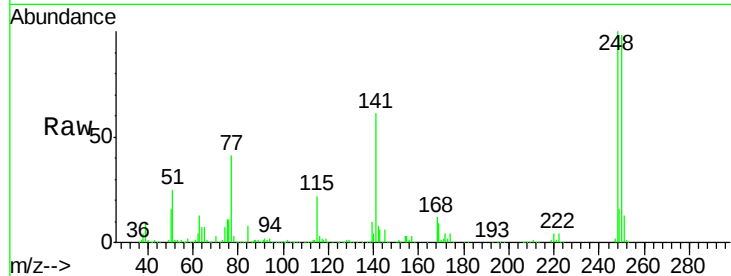




#67
4-Bromophenyl-phenylether
Concen: 52.233 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

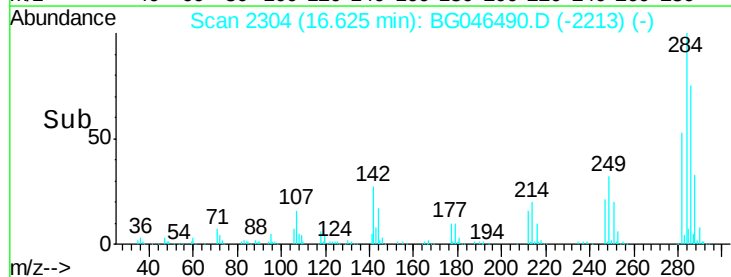
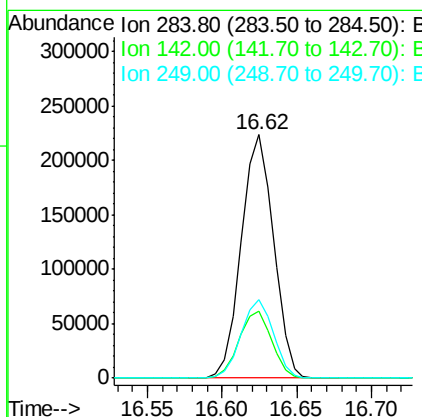
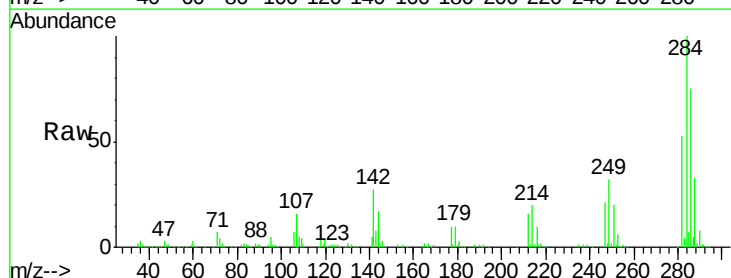
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

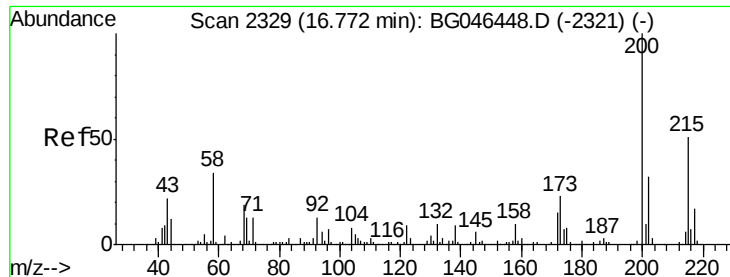
Tot Ion:248 Resp: 316961
Ion Ratio Lower Upper
248 100
250 97.8 78.6 118.0
141 61.0 43.9 65.9



#68
Hexachlorobenzene
Concen: 49.912 ng
RT: 16.62 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion:284 Resp: 335433
Ion Ratio Lower Upper
284 100
142 27.3 22.3 33.5
249 32.2 24.8 37.2





#69

Atrazine

Concen: 50.598 ng

RT: 16.77 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

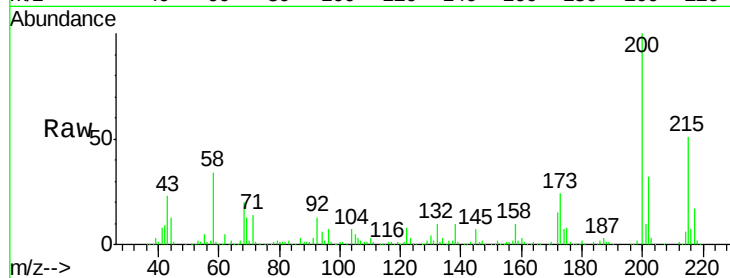
Tot Ion:200 Resp: 289641

Ion Ratio Lower Upper

200 100

173 24.1 3.3 43.3

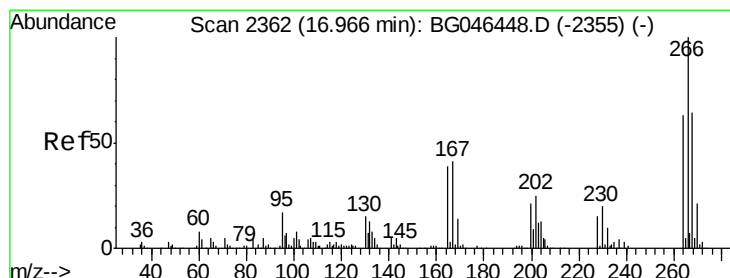
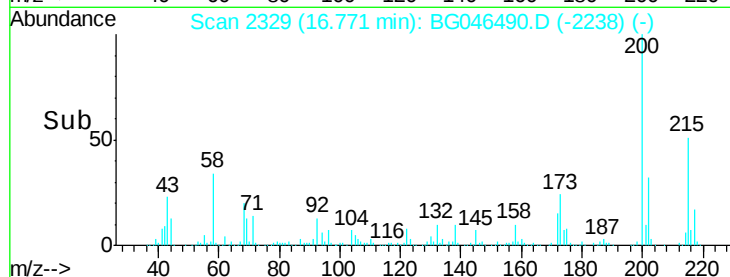
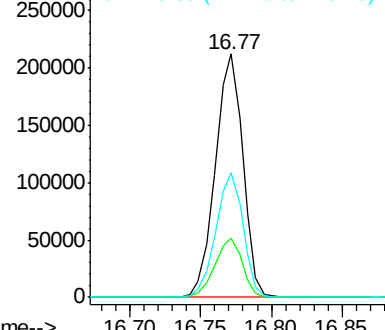
215 51.4 30.9 70.9



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: 116.055 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

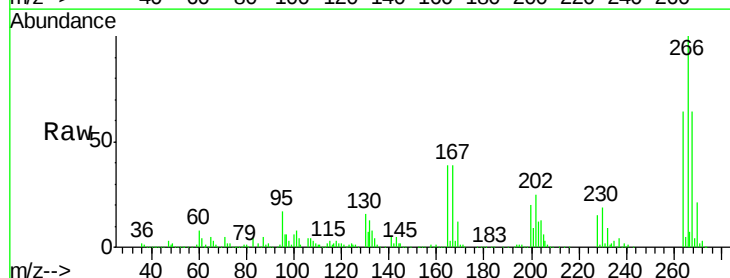
Tgt Ion:266 Resp: 407499

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

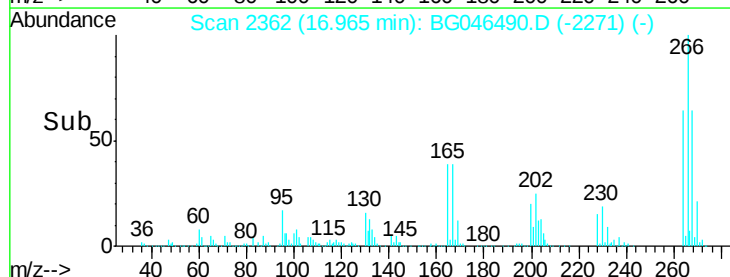
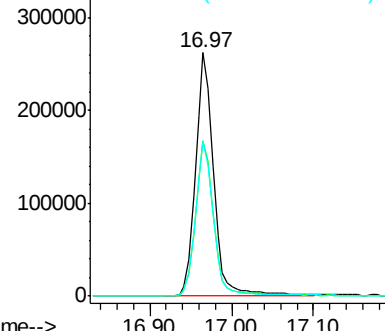
264 63.7 50.2 75.2

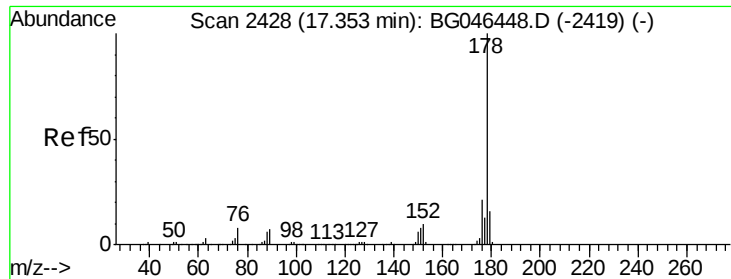


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

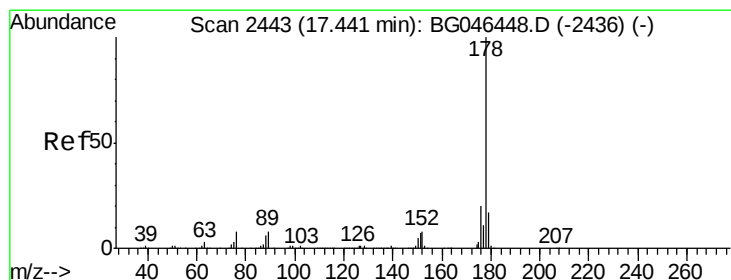
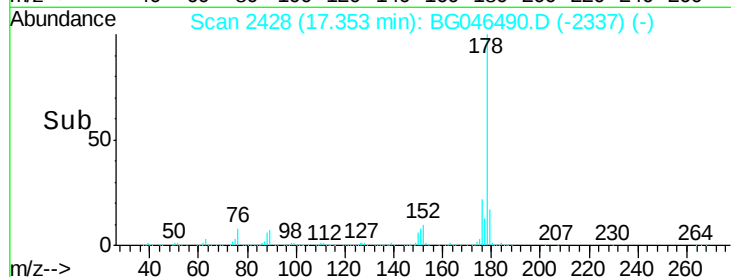
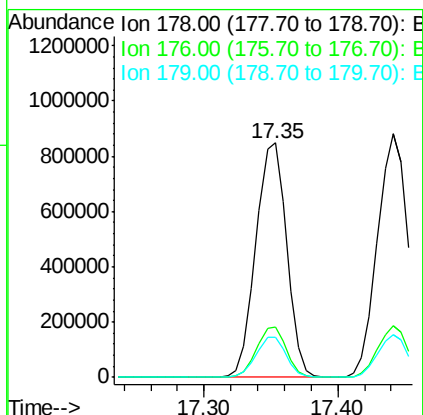
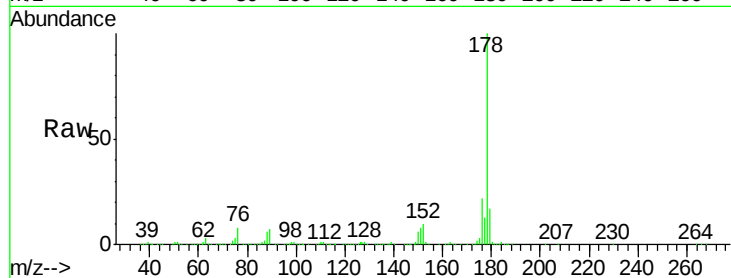




#71
Phenanthrene
Concen: 51.189 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

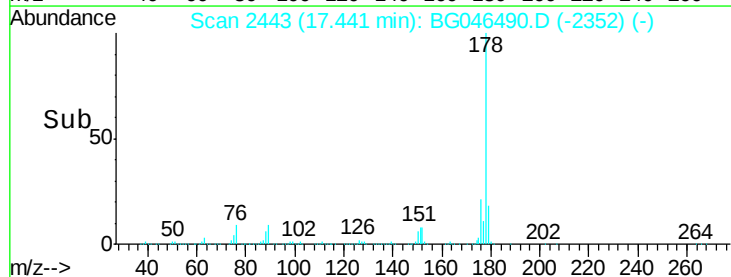
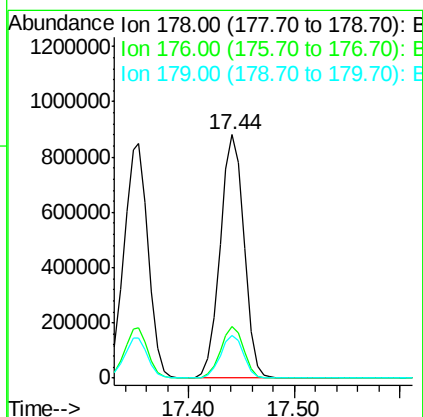
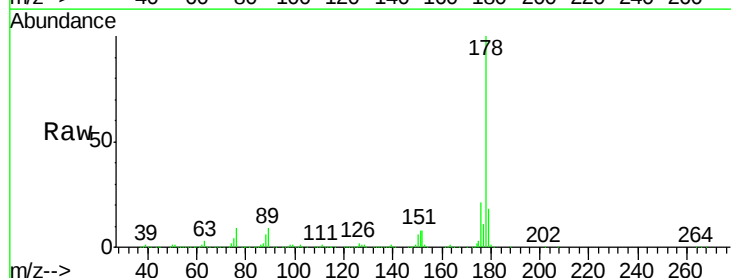
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

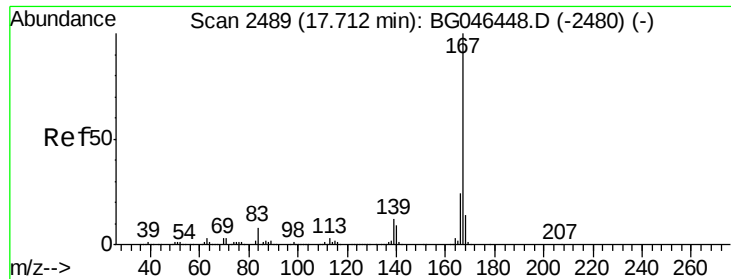
Tot Ion:178 Resp: 1349537
Ion Ratio Lower Upper
178 100
176 21.6 16.8 25.2
179 17.3 13.2 19.8



#72
Anthracene
Concen: 53.090 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion:178 Resp: 1380922
Ion Ratio Lower Upper
178 100
176 21.0 16.1 24.1
179 17.7 13.3 19.9





#73

Carbazole

Concen: 52.318 ng

RT: 17.71 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

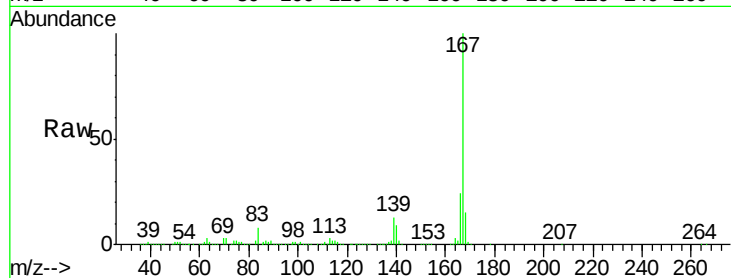
Tot Ion:167 Resp: 1284857

Ion Ratio Lower Upper

167 100

166 24.5 19.3 28.9

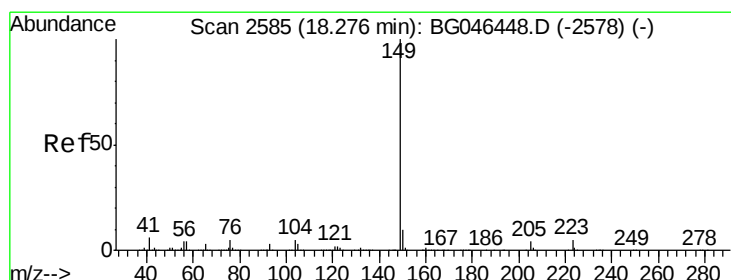
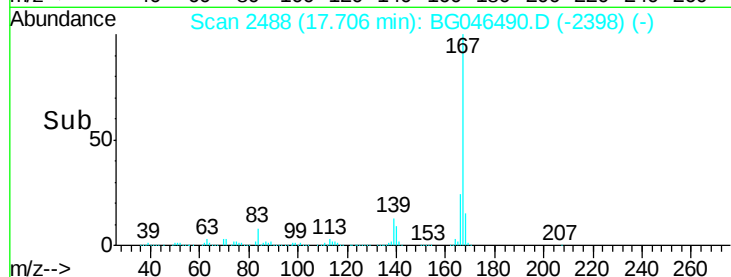
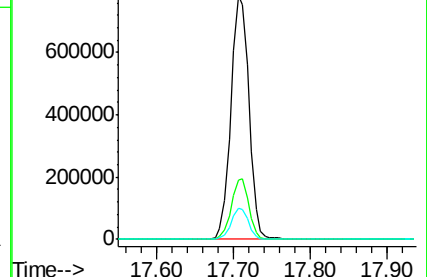
139 12.6 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.663 ng

RT: 18.28 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

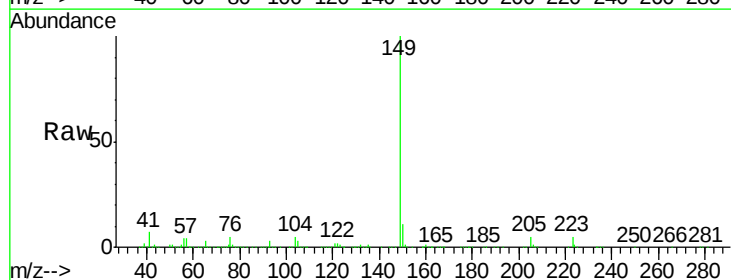
Tgt Ion:149 Resp: 1430718

Ion Ratio Lower Upper

149 100

150 10.9 8.1 12.1

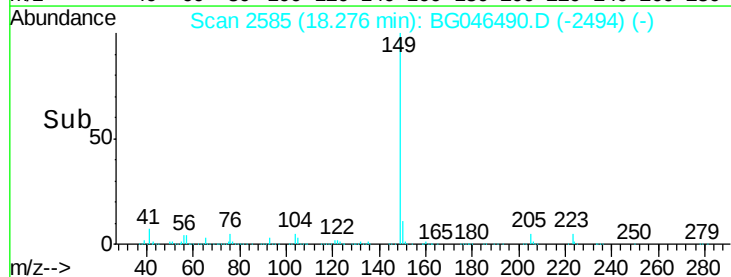
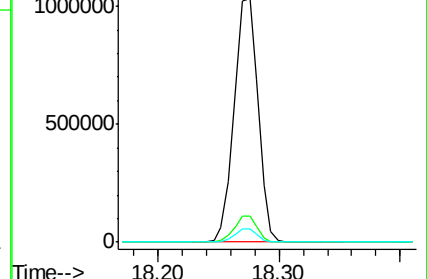
104 5.3 4.0 6.0

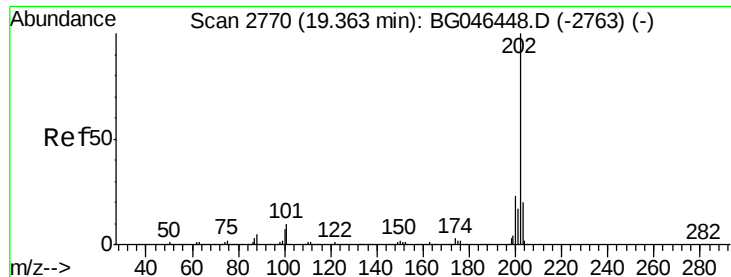


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.268 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

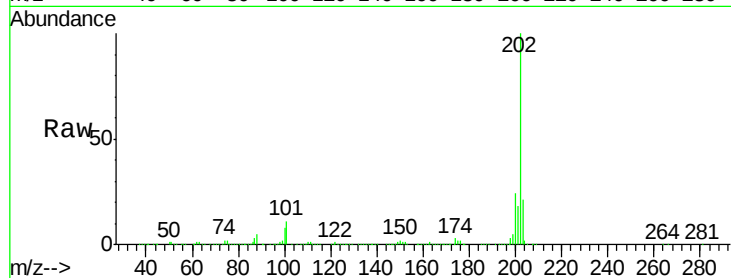
Tot Ion:202 Resp: 1671517

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.9

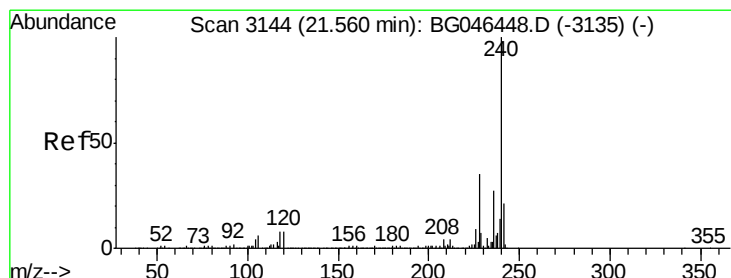
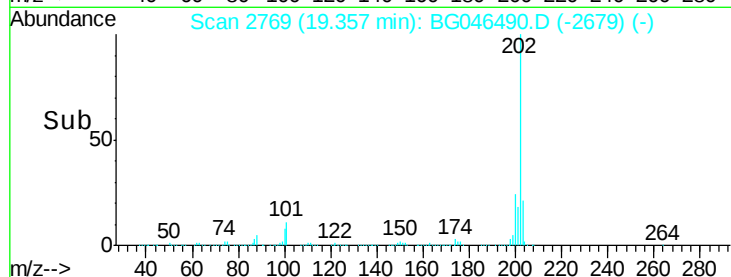
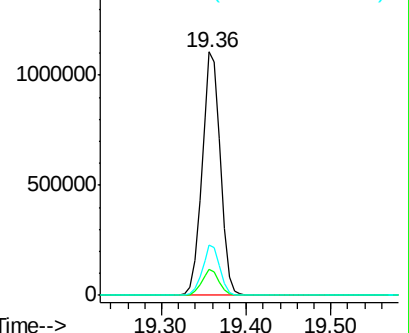
203 20.6 0.0 40.0



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: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

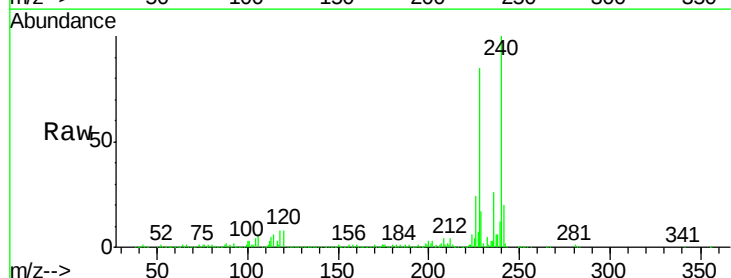
Tgt Ion:240 Resp: 515546

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

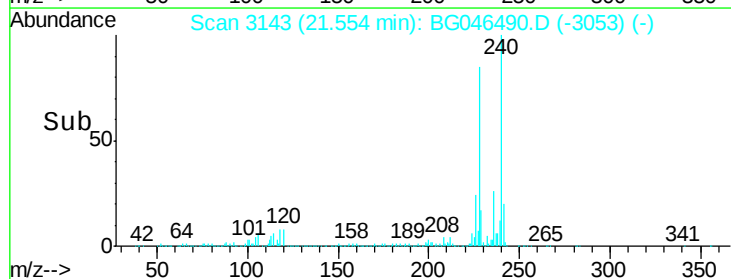
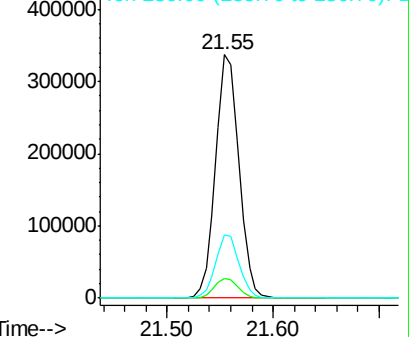
236 26.2 21.4 32.2

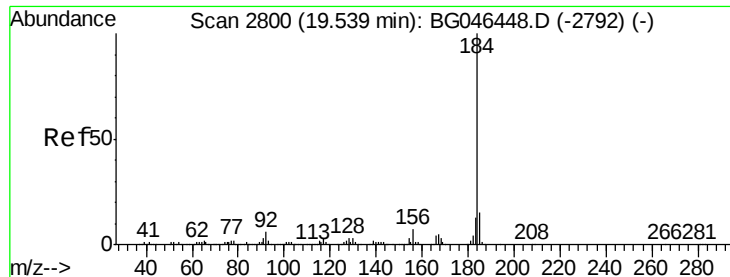


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.989 ng

RT: 19.54 min Scan# 2800

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

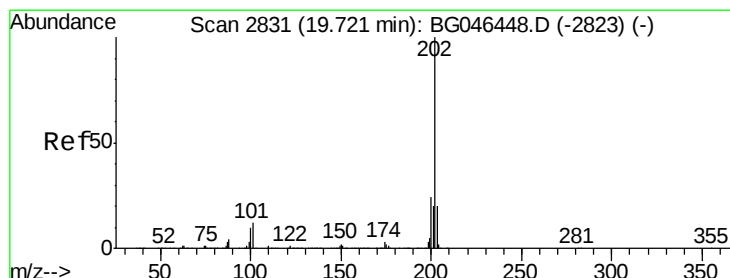
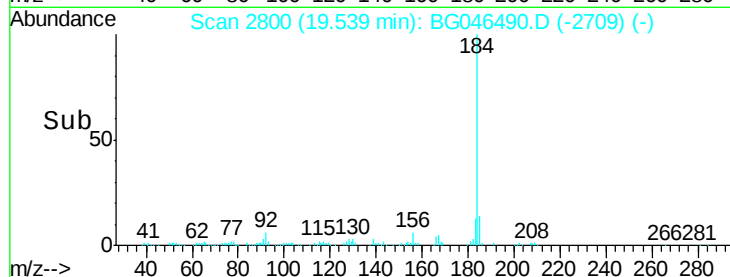
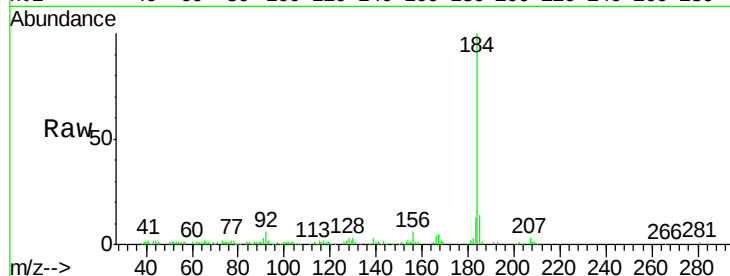
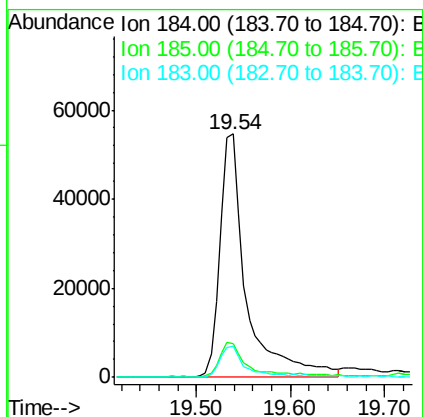
BNA_G

ClientSampleId :

TR-08-082820MSD

Tot Ion:184 Resp: 107680

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	12.6	10.7	16.1



#78

Pyrene

Concen: 51.164 ng

RT: 19.72 min Scan# 2831

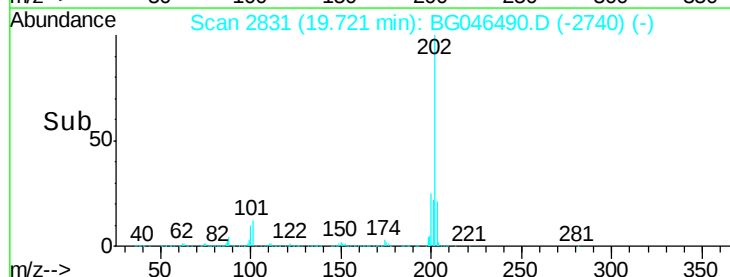
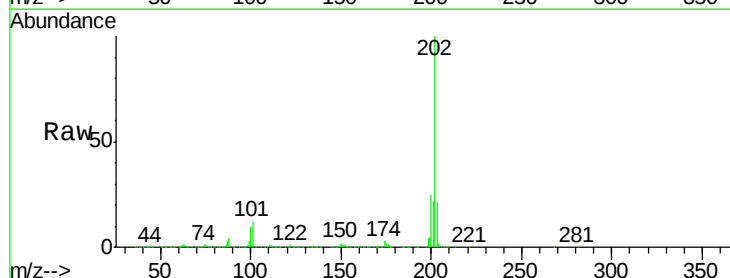
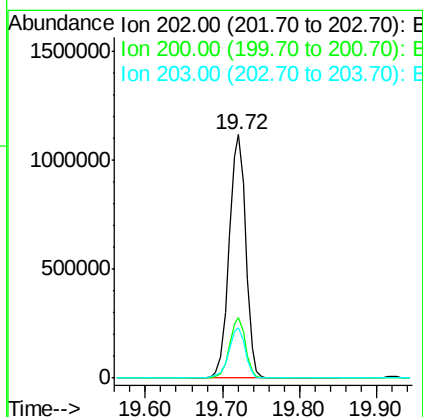
Delta R.T. 0.00 min

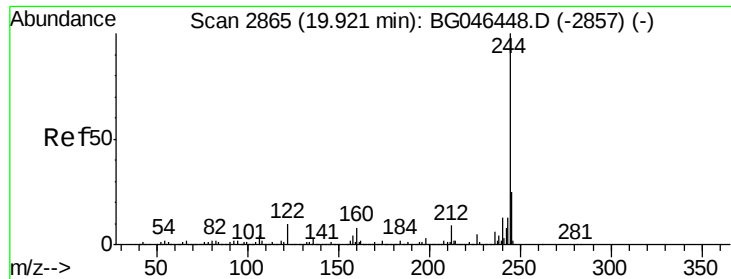
Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Tgt Ion:202 Resp: 1679680

Ion	Ratio	Lower	Upper
202	100		
200	25.0	18.9	28.3
203	20.8	16.1	24.1





#79

Terphenyl-d14

Concen: 84.856 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

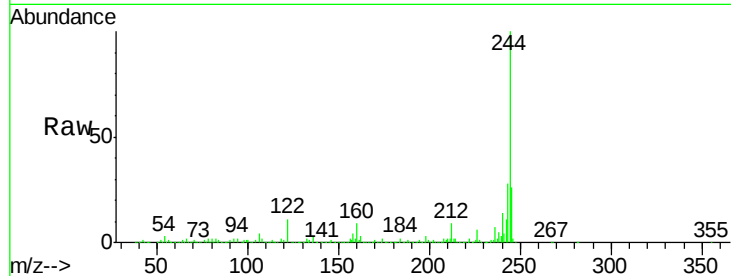
Tot Ion:244 Resp: 2055615

Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

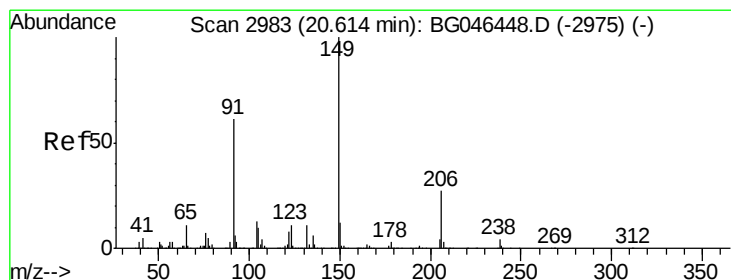
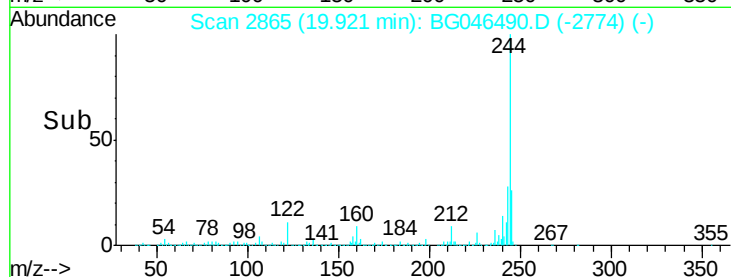
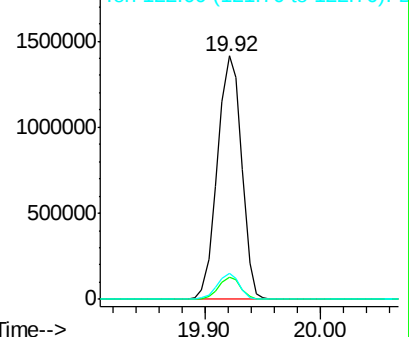
122 10.8 8.2 12.4



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



#80

Butylbenzylphthalate

Concen: 51.708 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

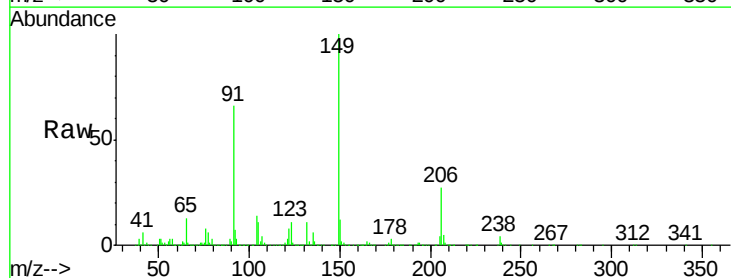
Tgt Ion:149 Resp: 662133

Ion Ratio Lower Upper

149 100

91 65.6 49.1 73.7

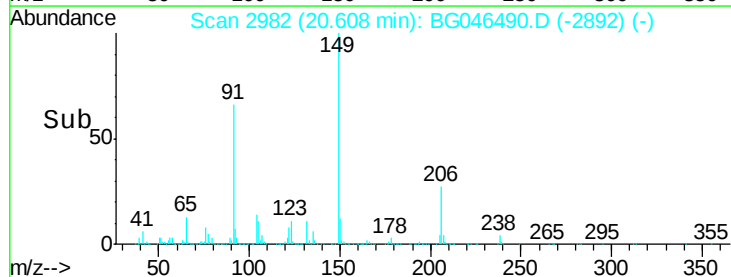
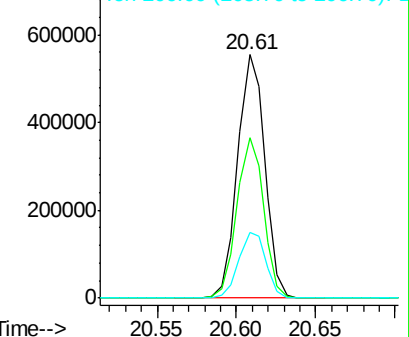
206 26.9 21.9 32.9

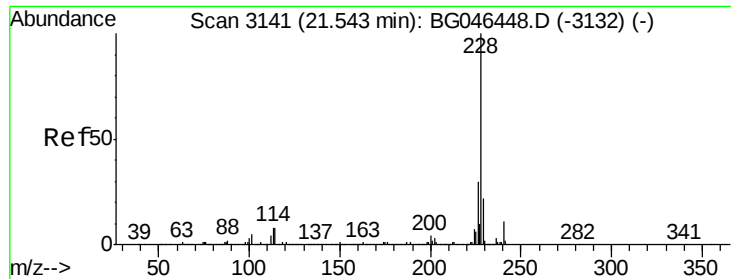


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

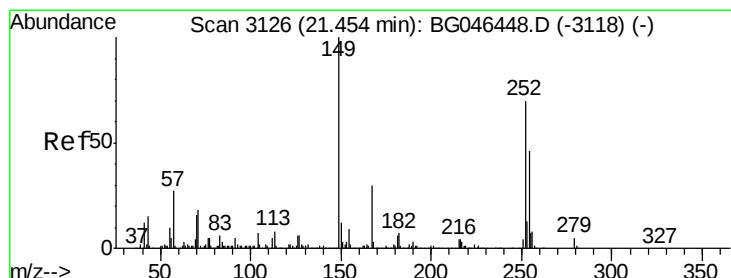
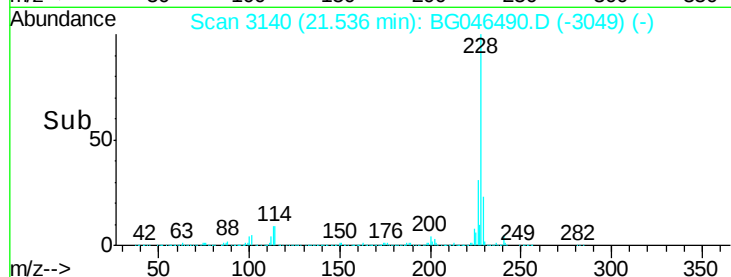
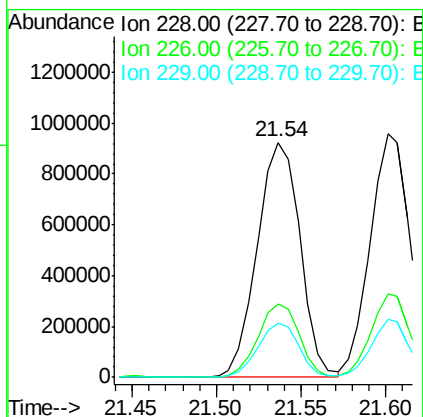
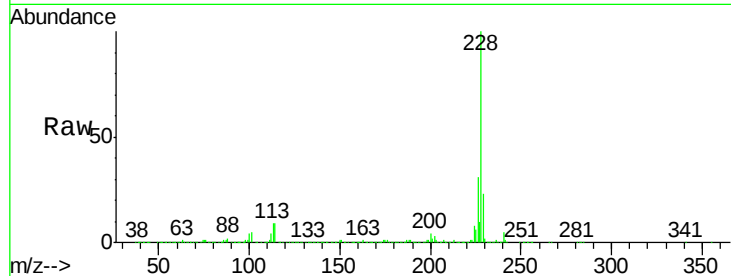




#81
Benzo(a)anthracene
Concen: 50.895 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

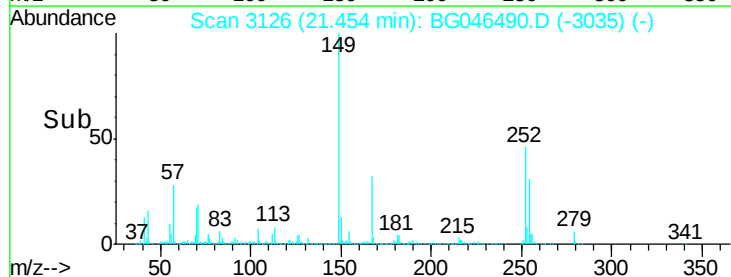
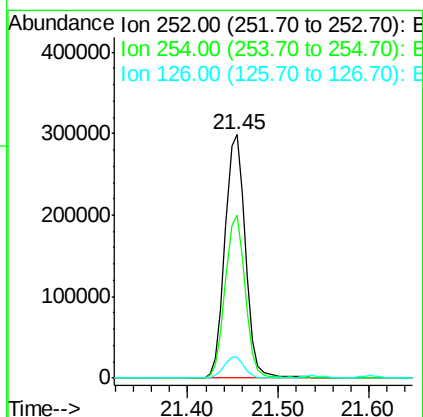
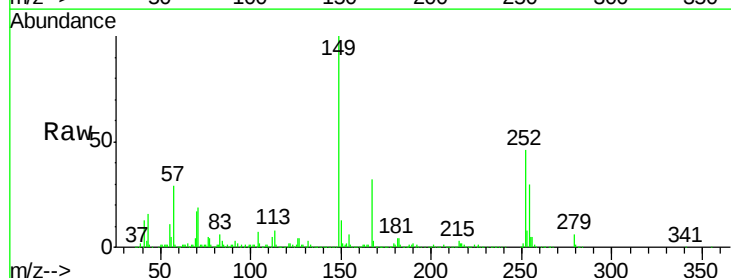
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

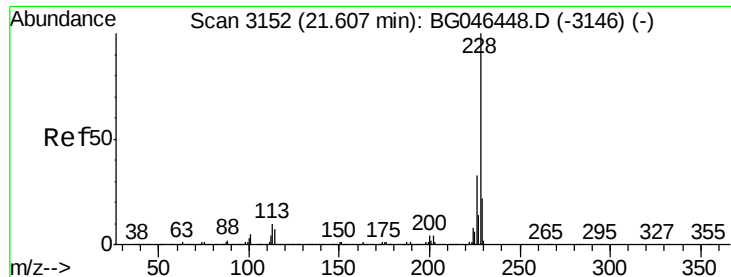
Tot Ion:228 Resp: 1635466
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.4
229 22.8 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 39.283 ng
RT: 21.45 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion:252 Resp: 468446
Ion Ratio Lower Upper
252 100
254 66.8 51.9 77.9
126 8.4 7.4 11.0





#83

Chrysene

Concen: 50.473 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

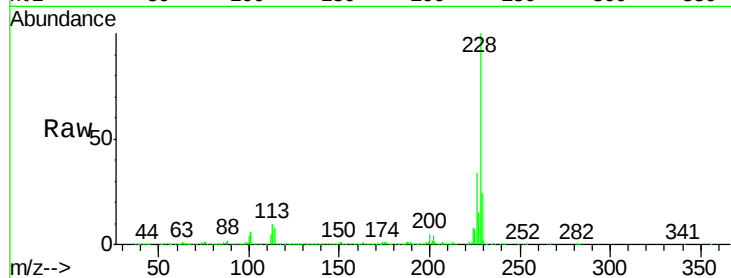
Tot Ion:228 Resp: 1560128

Ion Ratio Lower Upper

228 100

226 34.4 26.2 39.4

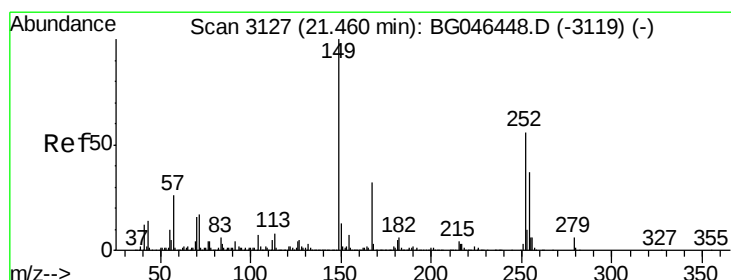
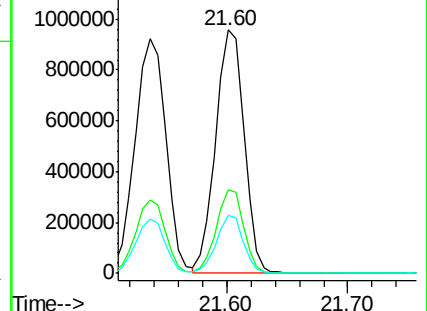
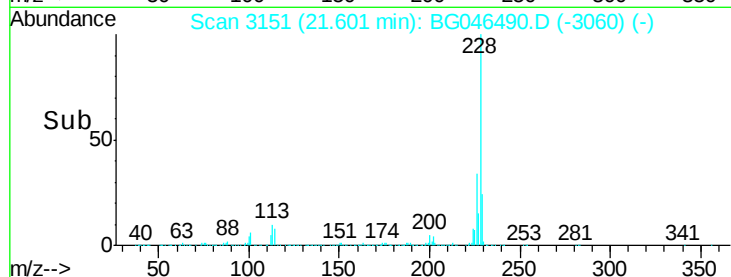
229 23.6 17.9 26.9



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: 52.306 ng

RT: 21.45 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

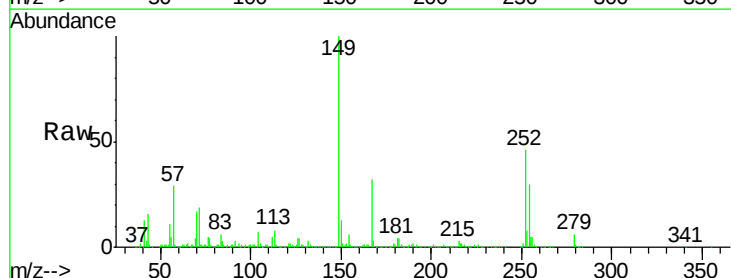
Tgt Ion:149 Resp: 914046

Ion Ratio Lower Upper

149 100

167 32.0 25.4 38.2

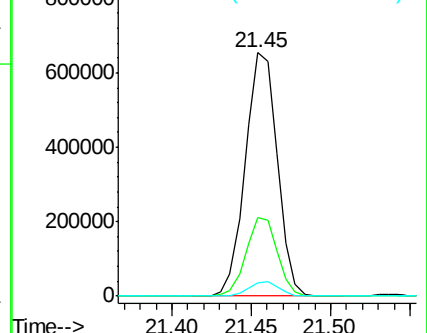
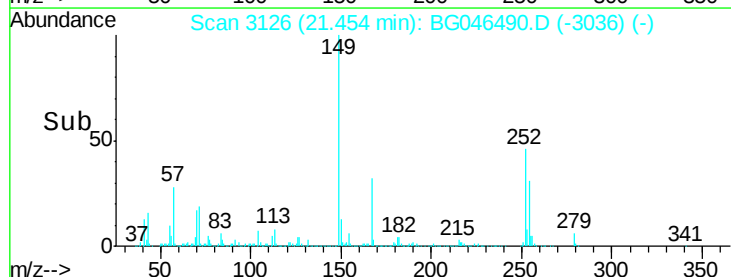
279 5.6 4.5 6.7

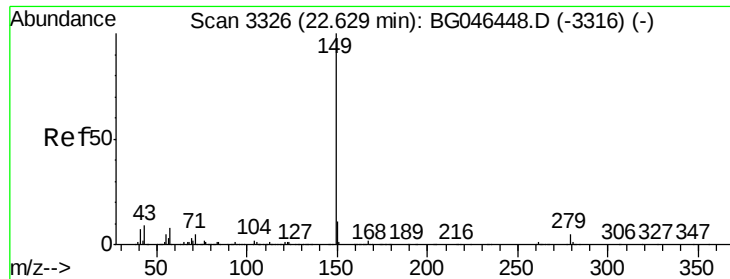


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.168 ng

RT: 22.62 min Scan# 3325

Delta R.T. -0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

Instrument :

BNA_G

ClientSampleId :

TR-08-082820MSD

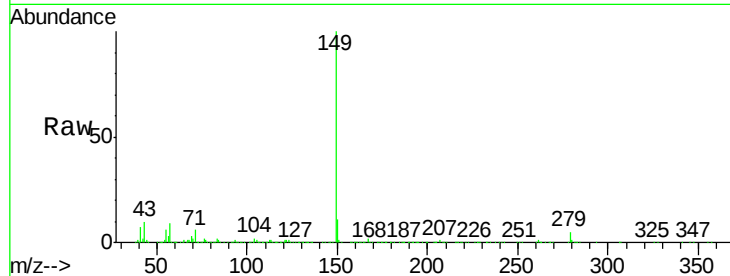
Tot Ion:149 Resp: 1590898

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

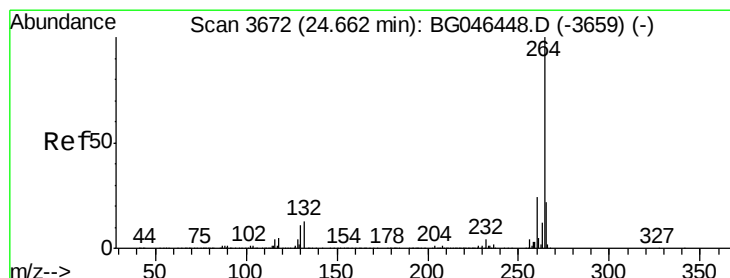
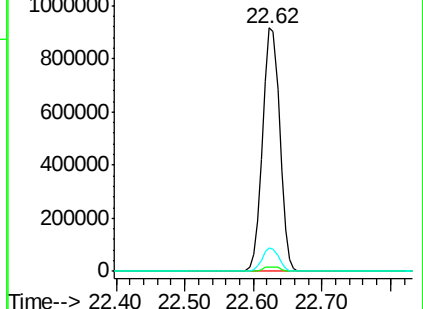
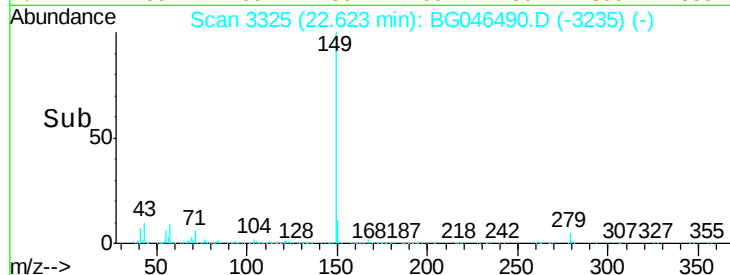
43 9.1 7.0 10.4



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# 3671

Delta R.T. 0.00 min

Lab File: BG046490.D

Acq: 1 Sep 2020 18:47

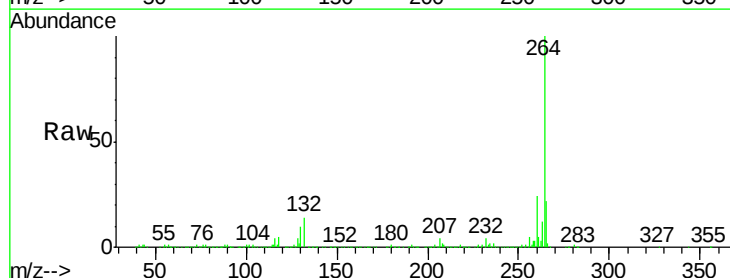
Tgt Ion:264 Resp: 538562

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

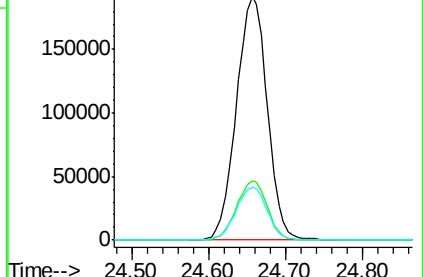
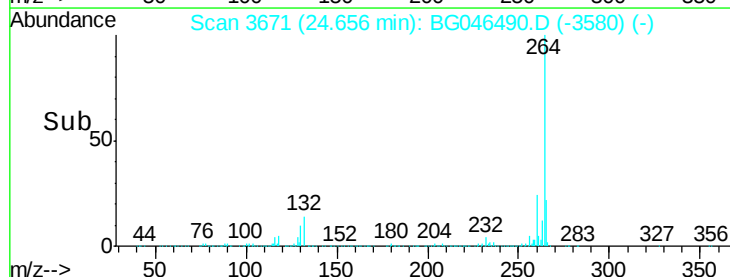
265 22.0 17.9 26.9

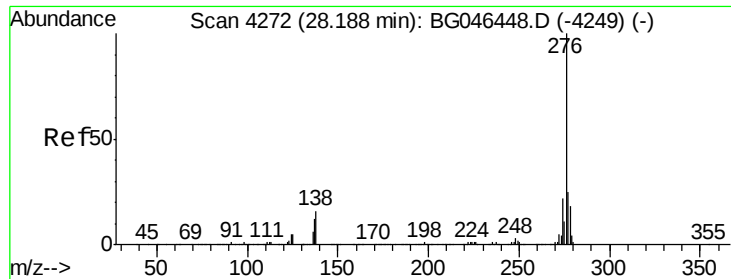


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

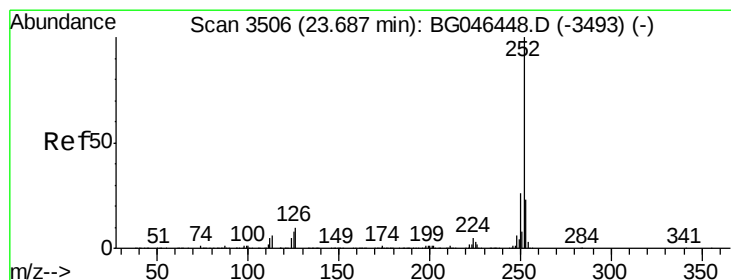
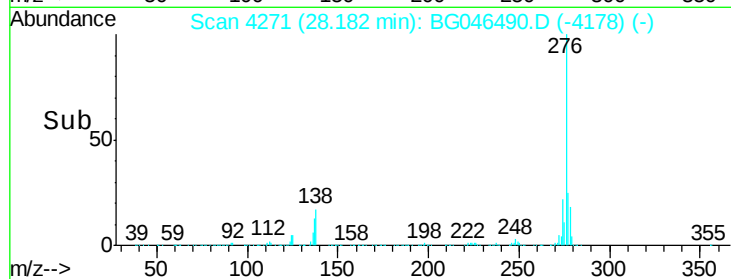
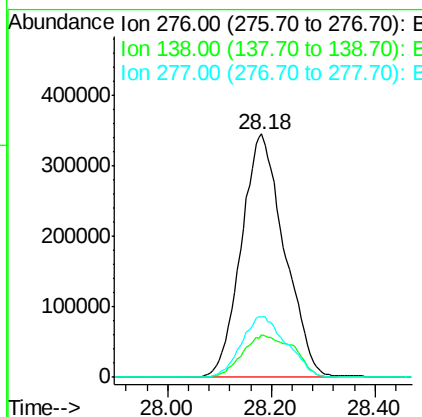
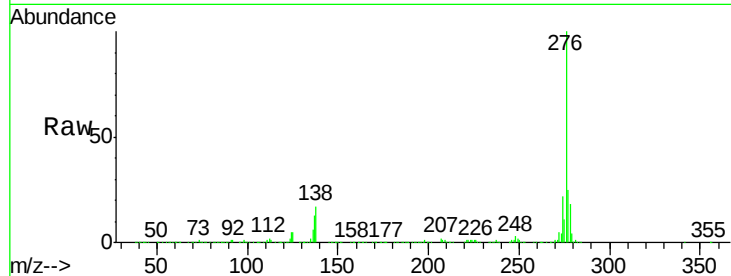




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.605 ng
 RT: 28.18 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

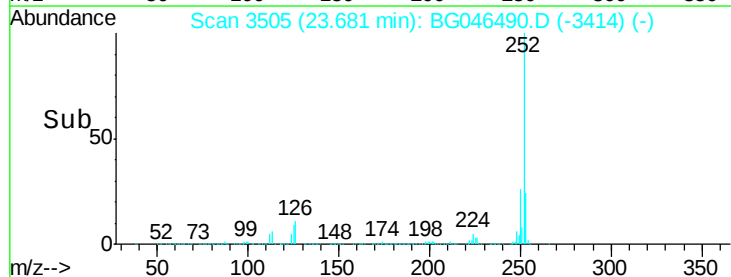
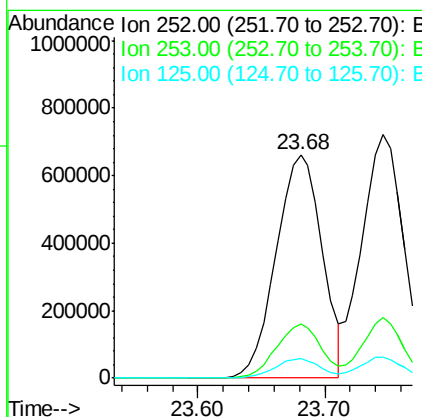
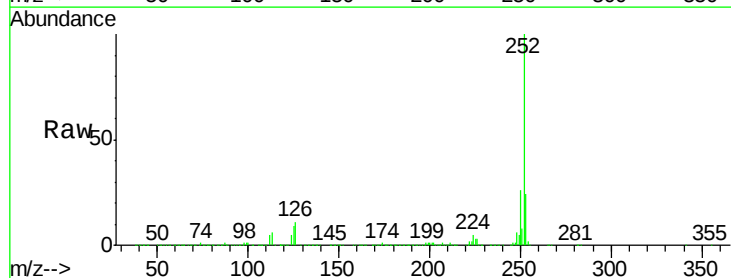
Instrument :
 BNA_G
 ClientSampleId :
 TR-08-082820MSD

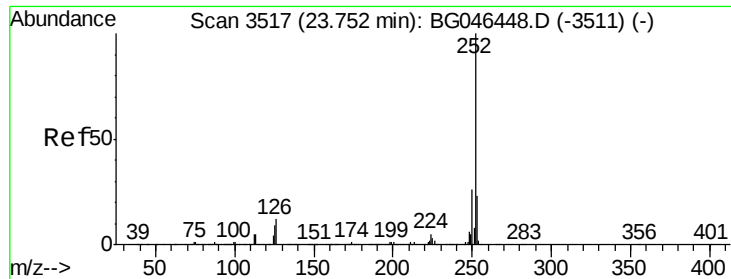
Tot Ion:276 Resp: 1996111
 Ion Ratio Lower Upper
 276 100
 138 20.9 16.5 24.7
 277 26.3 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 49.649 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: BG046490.D
 Acq: 1 Sep 2020 18:47

Tgt Ion:252 Resp: 1669617
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.2 27.4
 125 8.7 6.2 9.2

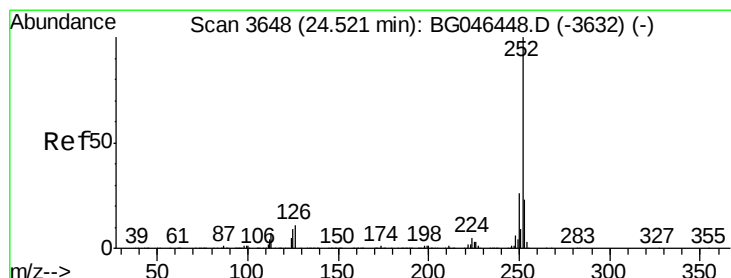
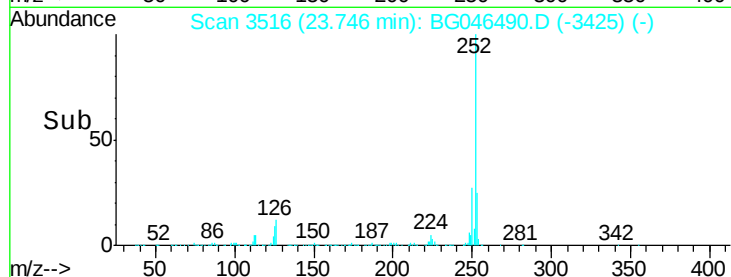
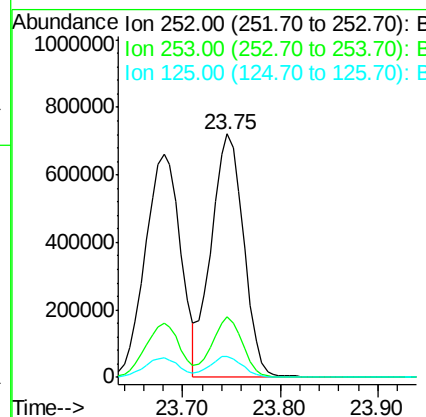
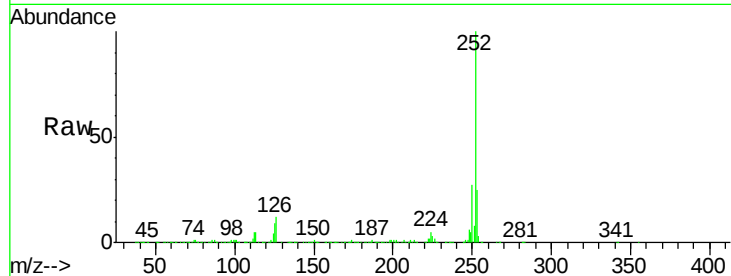




#89
Benzo(k)fluoranthene
Concen: 50.929 ng
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

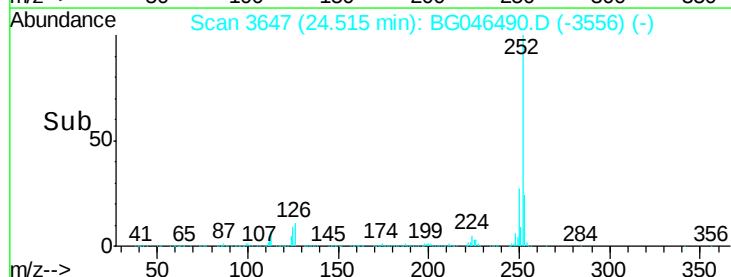
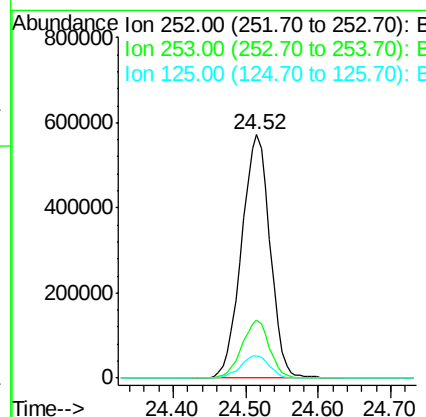
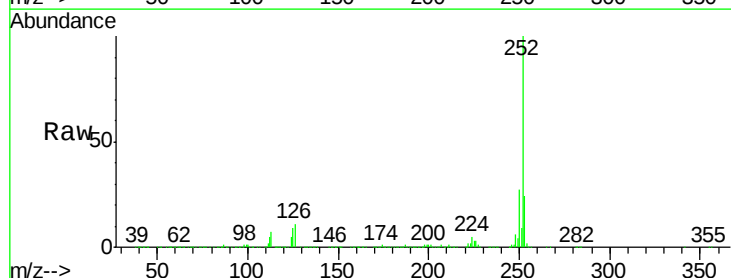
Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

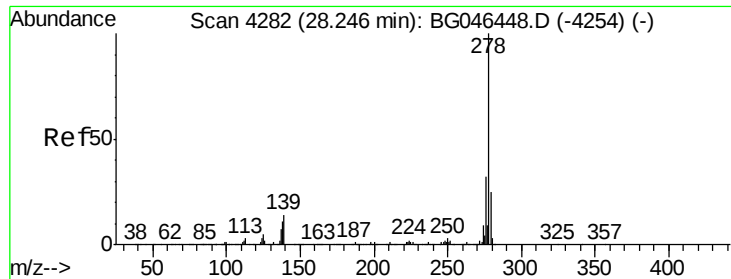
Tot Ion:252 Resp: 1655202
Ion Ratio Lower Upper
252 100
253 24.8 18.5 27.7
125 8.7 6.8 10.2



#90
Benzo(a)pyrene
Concen: 49.647 ng
RT: 24.52 min Scan# 3647
Delta R.T. 0.00 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion:252 Resp: 1558058
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 9.4 7.4 11.0



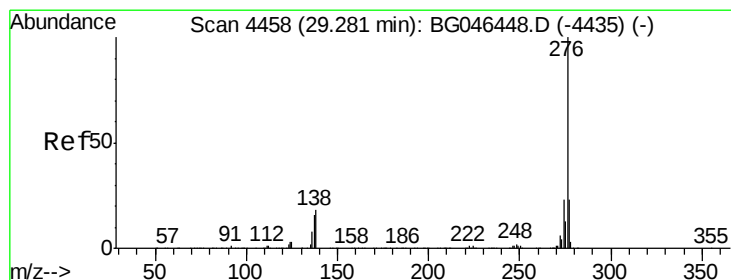
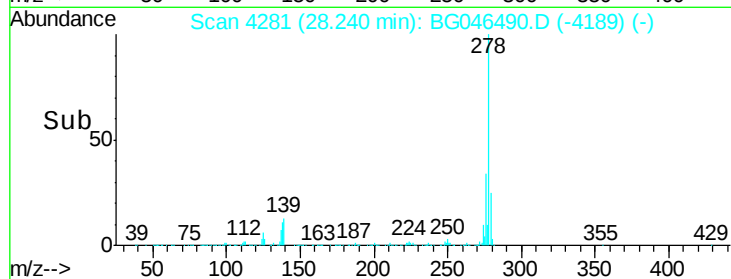
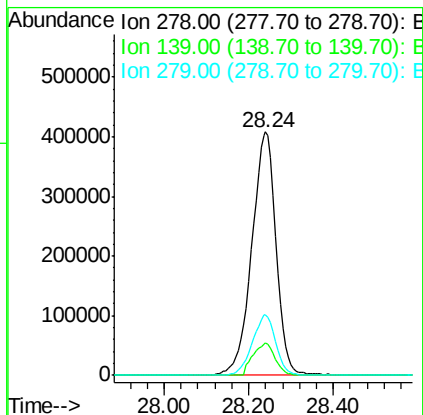
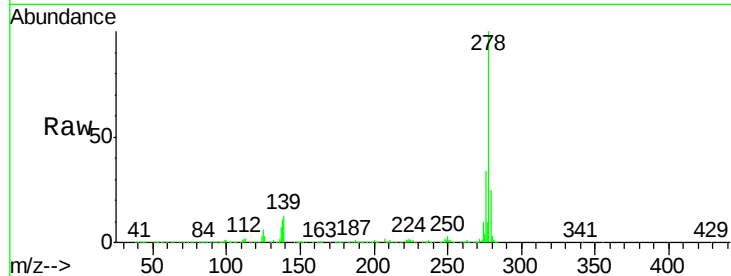


#91
Dibenzo(a,h)anthracene
Concen: 52.935 ng
RT: 28.24 min Scan# 4281
Delta R.T. 0.01 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Instrument :
BNA_G
ClientSampleId :
TR-08-082820MSD

Tot Ion:278 Resp: 1652326

Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.2	16.8
279	24.8	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 54.023 ng
RT: 29.29 min Scan# 4459
Delta R.T. 0.02 min
Lab File: BG046490.D
Acq: 1 Sep 2020 18:47

Tgt Ion:276 Resp: 1683901

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	17.5	14.7	22.1

