

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082620\
 Data File : BG046461.D
 Acq On : 26 Aug 2020 19:52
 Operator : CG/JU
 Sample : L3784-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Quant Time: Aug 27 01:32:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 18:00:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67115	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	276140	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201553	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	522474	20.00	ng	0.00
76) Chrysene-d12	21.56	240	557234	20.00	ng	0.00
86) Perylene-d12	24.66	264	588794	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	453176	119.59	ng	0.00
7) Phenol-d6	7.11	99	562400	104.70	ng	0.00
23) Nitrobenzene-d5	9.09	82	407212	84.28	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	325754	119.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1064343	80.61	ng	0.00
79) Terphenyl-d14	19.92	244	1935548	73.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	57461	36.449	ng	# 61
3) Pyridine	3.82	79	128710	27.905	ng	99
4) n-Nitrosodimethylamine	3.72	42	74270	43.658	ng	95
6) Aniline	7.26	93	155897	25.791	ng	98
8) 2-Chlorophenol	7.50	128	200565	50.080	ng	99
9) Benzaldehyde	7.07	77	116328	38.653	ng	97
10) Phenol	7.13	94	222421	44.955	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	180331	45.345	ng	98
12) 1,3-Dichlorobenzene	7.83	146	190558	37.477	ng	98
13) 1,4-Dichlorobenzene	7.97	146	196806	38.662	ng	99
14) 1,2-Dichlorobenzene	8.28	146	192202	39.378	ng	98
15) Benzyl Alcohol	8.17	79	175707	50.948	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.46	45	265822	43.092	ng	99
17) 2-Methylphenol	8.38	107	173361	49.408	ng	97
18) Hexachloroethane	9.01	117	62005	35.924	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	151806	47.245	ng	99
20) 3+4-Methylphenols	8.71	107	238133	49.170	ng	98
22) Acetophenone	8.75	105	296266	44.075	ng	# 99
24) Nitrobenzene	9.13	77	212984	44.621	ng	99
25) Isophorone	9.65	82	426249	48.121	ng	98
26) 2-Nitrophenol	9.84	139	119203	47.334	ng	95
27) 2,4-Dimethylphenol	9.91	122	194662	56.200	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	253847	44.525	ng	100
29) 2,4-Dichlorophenol	10.38	162	224639	48.650	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	215970	39.421	ng	99
31) Naphthalene	10.78	128	581562	43.133	ng	99
32) Benzoic acid	10.05	122	62466	29.056	ng	98
33) 4-Chloroaniline	10.89	127	38451	6.467	ng	96
34) Hexachlorobutadiene	11.07	225	128588	36.156	ng	97
35) Caprolactam	11.66	113	38008	22.021	ng	95
36) 4-Chloro-3-methylphenol	12.02	107	228104	50.509	ng	94
37) 2-Methylnaphthalene	12.39	142	476562	44.816	ng	99
38) 1-Methylnaphthalene	12.61	142	460733	45.742	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	282352	42.481	ng	99

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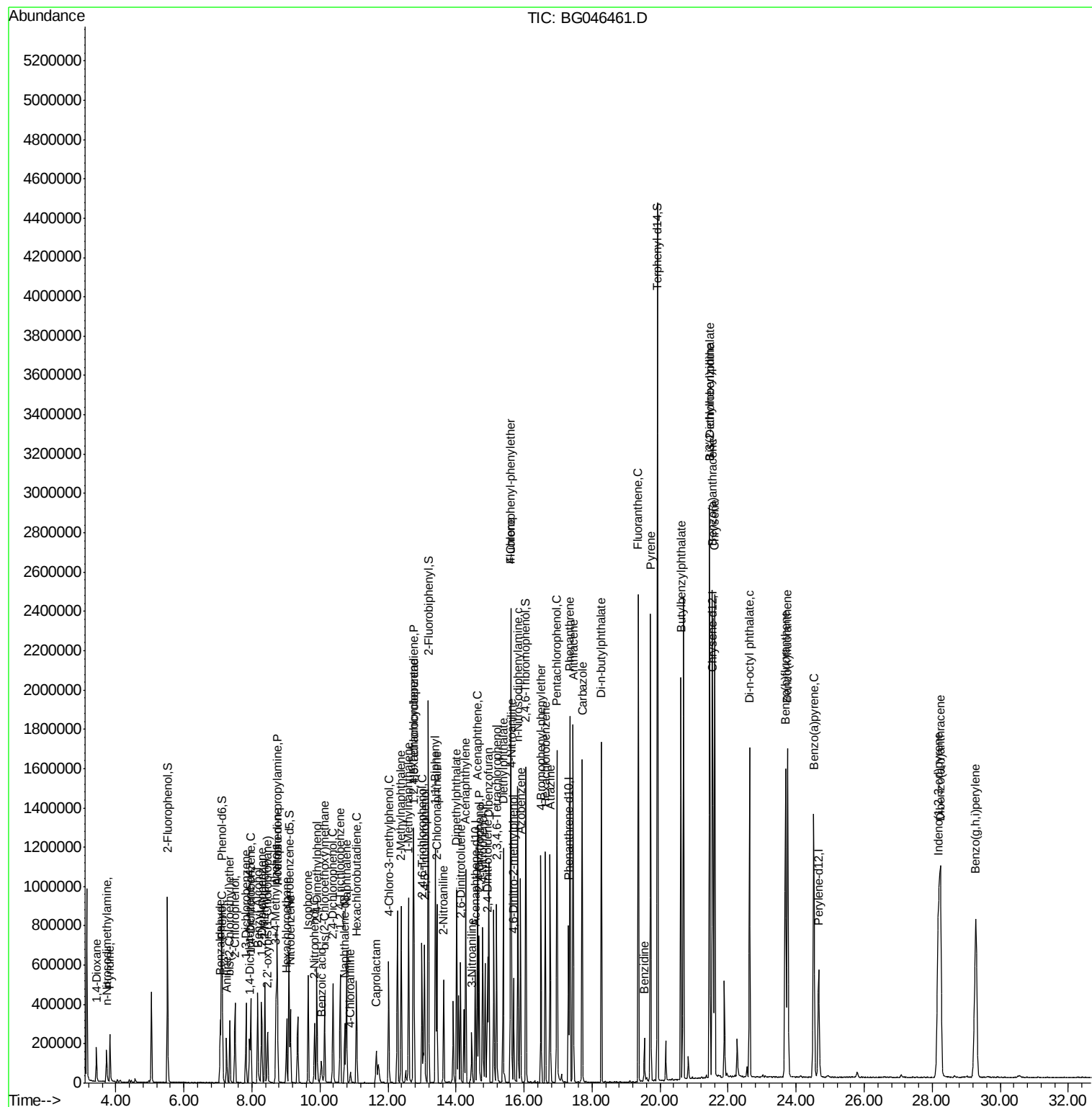
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	304899	105.500	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	206728	46.091	ng	100
44) 2,4,5-Trichlorophenol	13.07	196	229215	48.640	ng	98
46) 1,1'-Biphenyl	13.40	154	643107	45.861	ng	99
47) 2-Chloronaphthalene	13.44	162	502968	42.303	ng	99
48) 2-Nitroaniline	13.64	65	151895	46.009	ng	100
49) Acenaphthylene	14.28	152	836683	46.391	ng	99
50) Dimethylphthalate	14.02	163	710346	45.555	ng	100
51) 2,6-Dinitrotoluene	14.14	165	165865	48.255	ng	97
52) Acenaphthene	14.63	154	500537	44.786	ng	97
53) 3-Nitroaniline	14.46	138	82876	22.259	ng	96
54) 2,4-Dinitrophenol	14.68	184	219486	109.395	ng	98
55) Dibenzofuran	14.96	168	820759	45.760	ng	99
56) 4-Nitrophenol	14.79	139	261594	95.466	ng	100
57) 2,4-Dinitrotoluene	14.93	165	240660	49.103	ng	98
58) Fluorene	15.61	166	690118	45.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	223707	48.885	ng	98
60) Diethylphthalate	15.39	149	710187	46.713	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	376126	45.367	ng	97
62) 4-Nitroaniline	15.63	138	168874	42.986	ng	95
63) Azobenzene	15.90	77	580339	46.927	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	160036	54.117	ng	98
66) n-Nitrosodiphenylamine	15.82	169	640148	45.416	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	268090	43.981	ng	98
68) Hexachlorobenzene	16.63	284	287116	42.531	ng	98
69) Atrazine	16.77	200	248274	43.177	ng	99
70) Pentachlorophenol	16.97	266	369860	104.862	ng	98
71) Phenanthrene	17.35	178	1191504	44.992	ng	99
72) Anthracene	17.44	178	1214260	46.472	ng	98
73) Carbazole	17.71	167	1138700	46.158	ng	99
74) Di-n-butylphthalate	18.27	149	1272422	44.855	ng	99
75) Fluoranthene	19.36	202	1553145	45.573	ng	98
77) Benzidine	19.54	184	166959	12.894	ng	98
78) Pyrene	19.72	202	1571089	44.276	ng	99
80) Butylbenzylphthalate	20.61	149	614028	44.364	ng	96
81) Benzo(a)anthracene	21.54	228	1533638	44.156	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	347782	26.982	ng	100
83) Chrysene	21.60	228	1476322	44.188	ng	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	854716	45.251	ng	100
85) Di-n-octyl phthalate	22.63	149	1475949	45.636	ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1884680	44.567	ng	100
88) Benzo(b)fluoranthene	23.68	252	1567586	42.638	ng	97
89) Benzo(k)fluoranthene	23.75	252	1567391	44.112	ng	99
90) Benzo(a)pyrene	24.52	252	1473294	42.941	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1540424	45.140	ng	99
92) Benzo(g,h,i)perylene	29.28	276	1579927	46.363	ng	98

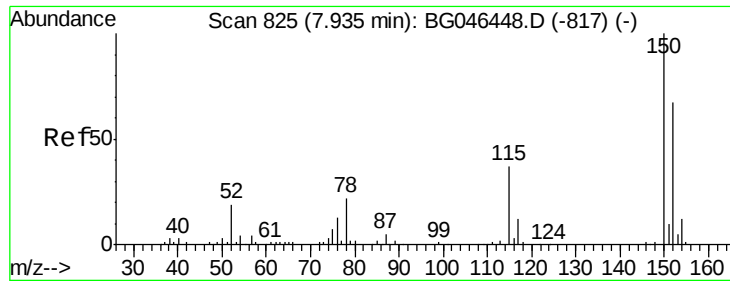
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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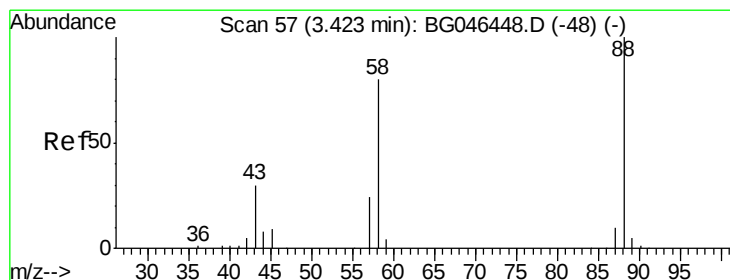
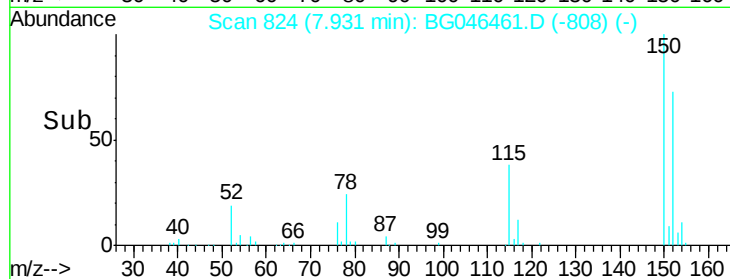
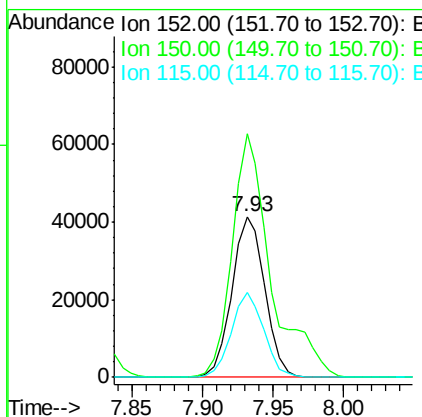
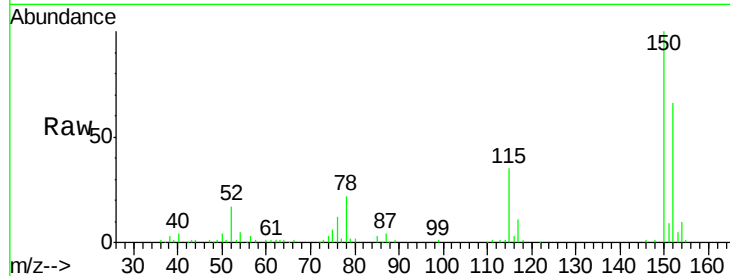


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

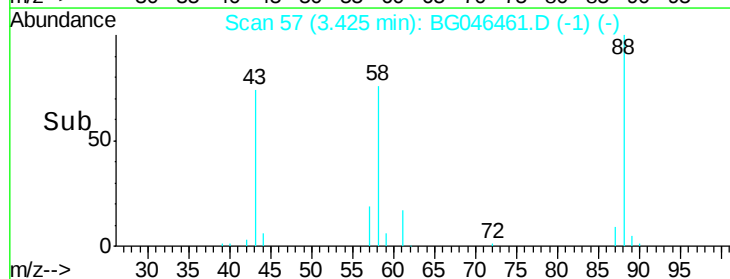
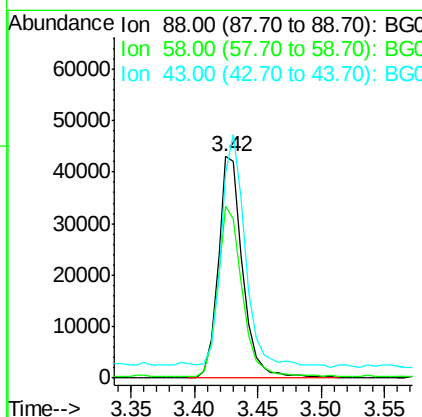
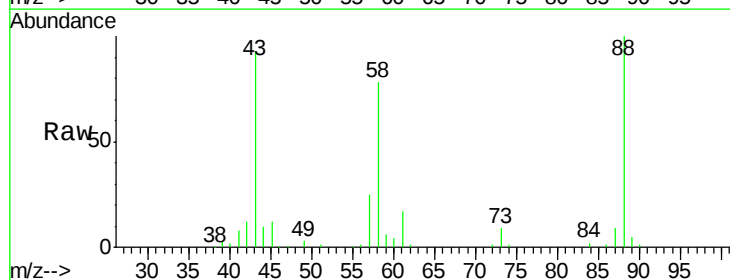
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	52.8	44.3	66.5

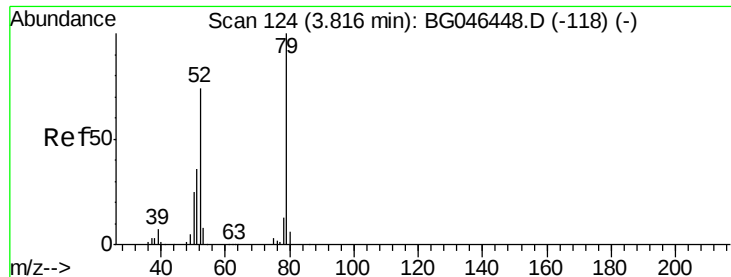


#2

1,4-Dioxane
 Concen: 36.449 ng
 RT: 3.42 min Scan# 57
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	61.4	92.2
43	102.8	21.6	32.4





#3

Pvridine

Concen: 27.905 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampled :

RO-10MSD

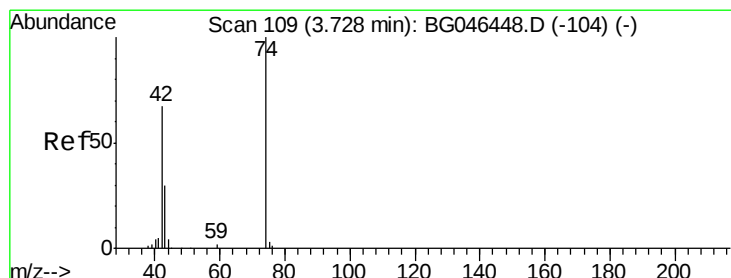
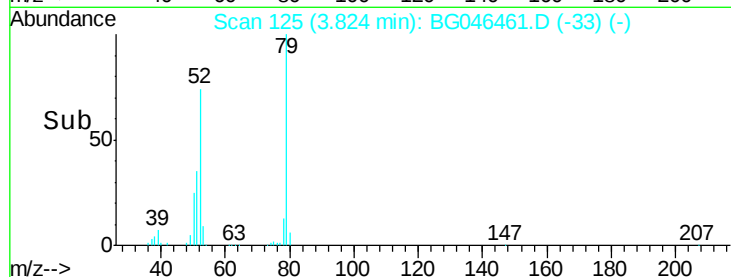
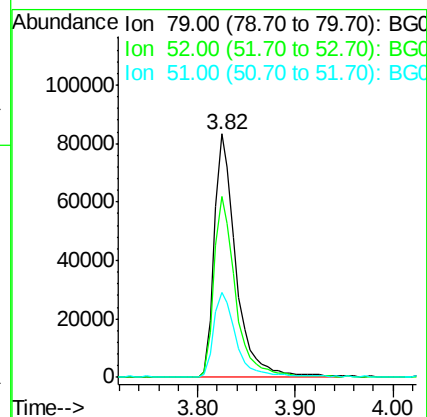
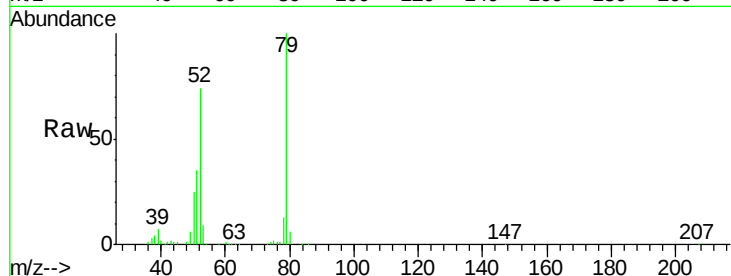
Tot Ion: 79 Resp: 128710

Ion Ratio Lower Upper

79 100

52 74.5 59.1 88.7

51 35.0 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 43.658 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

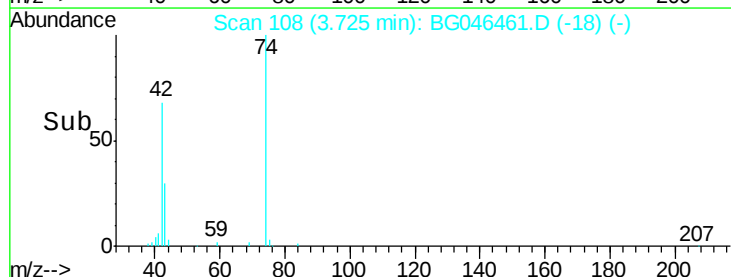
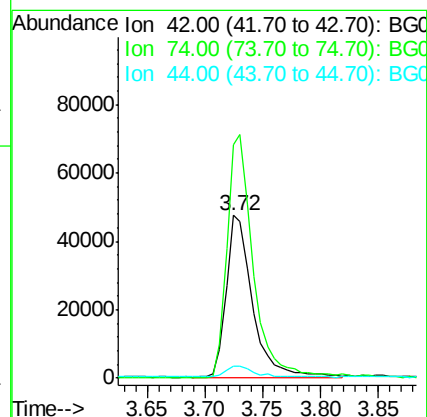
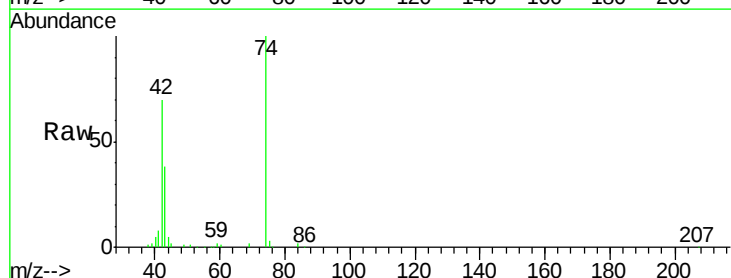
Tgt Ion: 42 Resp: 74270

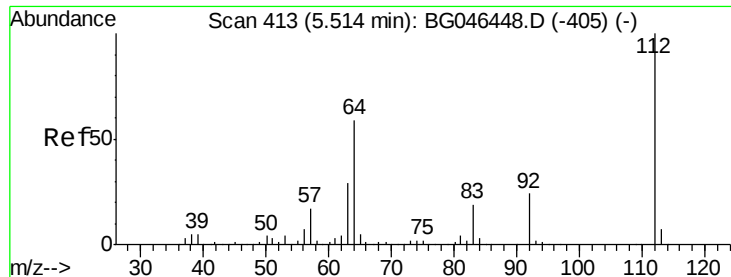
Ion Ratio Lower Upper

42 100

74 143.4 119.5 179.3

44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 119.595 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

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ClientSampleId :

RO-10MSD

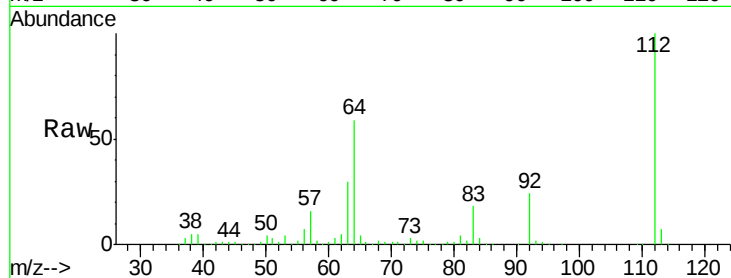
Tot Ion:112 Resp: 453176

Ion Ratio Lower Upper

112 100

64 59.3 47.0 70.6

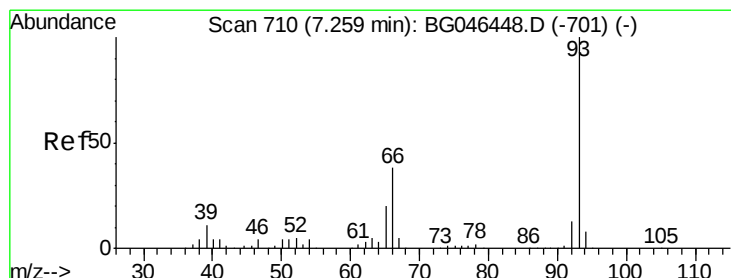
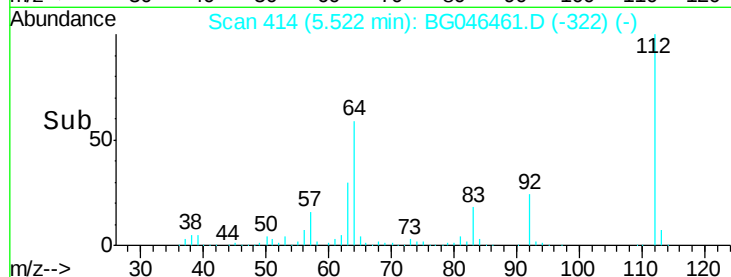
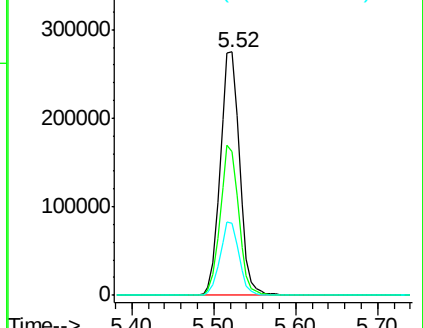
63 29.9 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 25.791 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

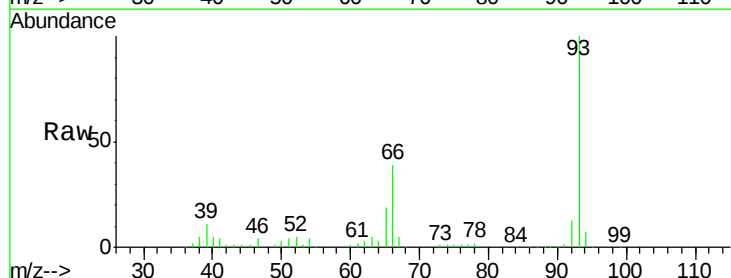
Tgt Ion: 93 Resp: 155897

Ion Ratio Lower Upper

93 100

66 39.1 30.4 45.6

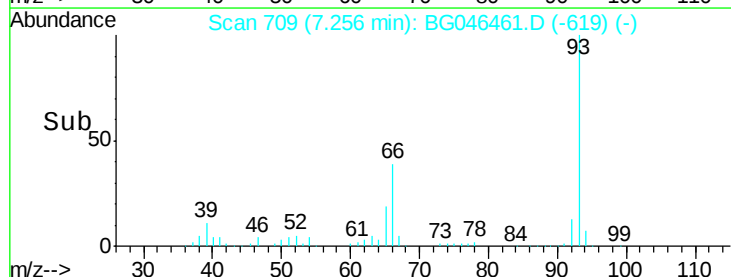
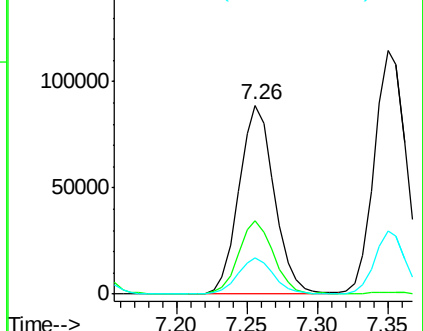
65 18.9 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 104.697 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

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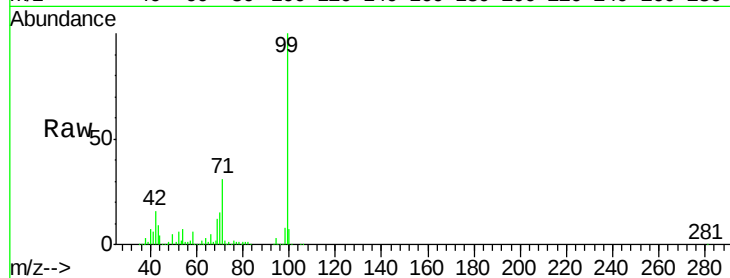
Tot Ion: 99 Resp: 562400

Ion Ratio Lower Upper

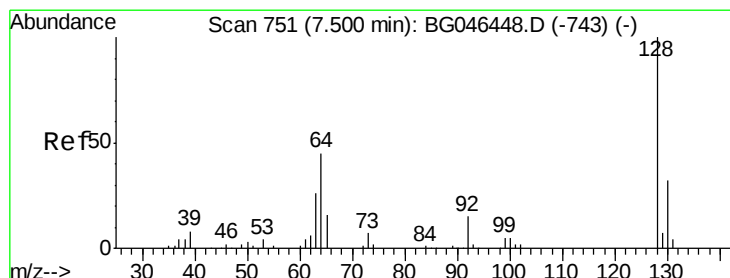
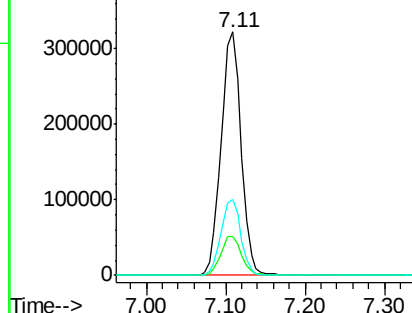
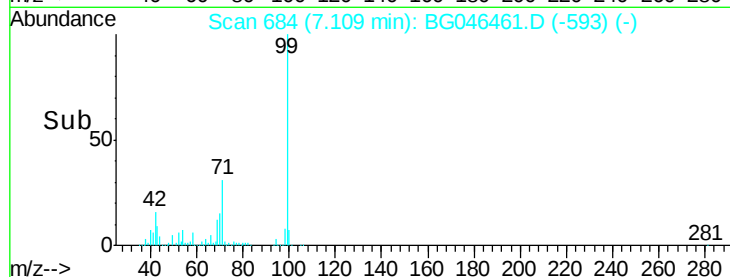
99 100

42 16.1 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: 50.080 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

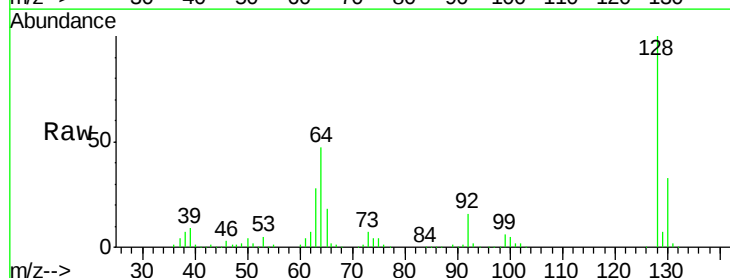
Tgt Ion: 128 Resp: 200565

Ion Ratio Lower Upper

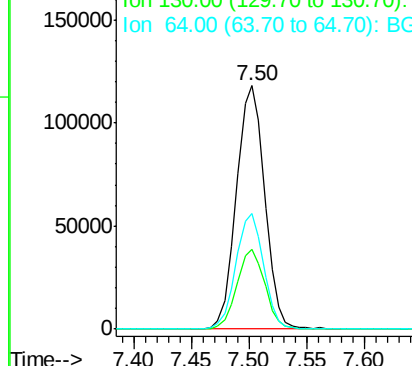
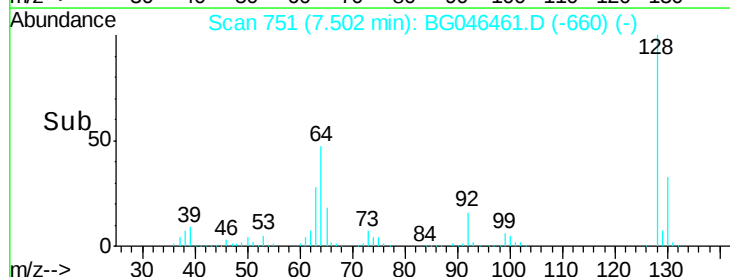
128 100

130 32.9 12.4 52.4

64 47.5 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: 38.653 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.00 min

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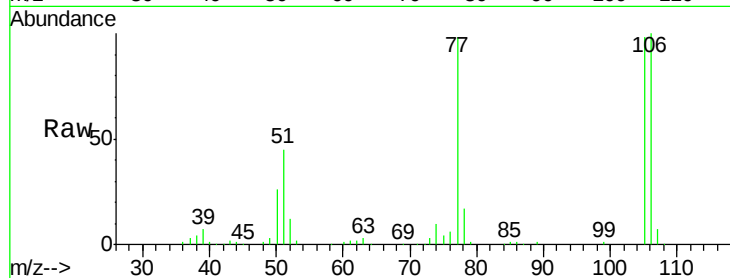
Tot Ion: 77 Resp: 116328

Ion Ratio Lower Upper

77 100

105 100.0 85.6 125.6

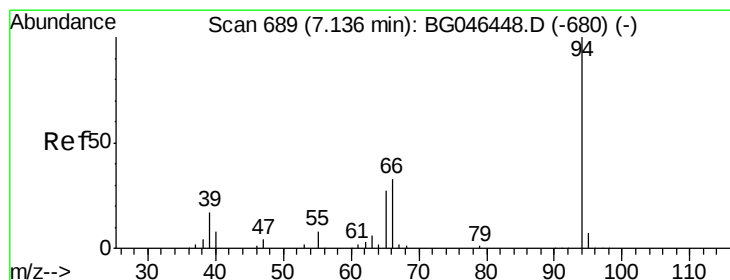
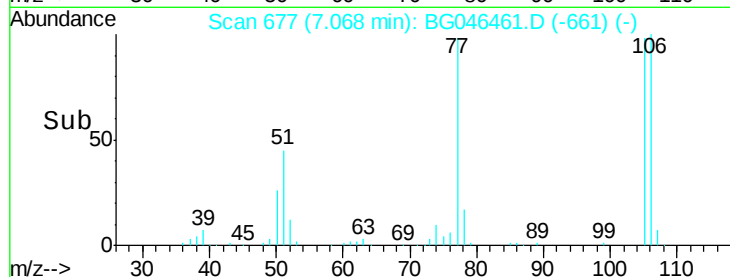
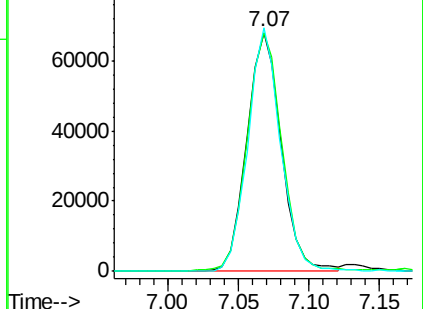
106 101.8 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.955 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

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Acq: 26 Aug 2020 19:52

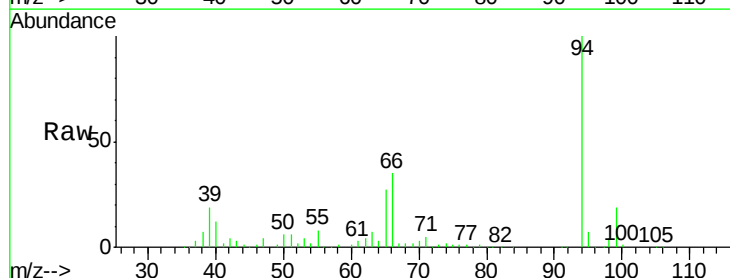
Tgt Ion: 94 Resp: 222421

Ion Ratio Lower Upper

94 100

65 27.2 7.5 47.5

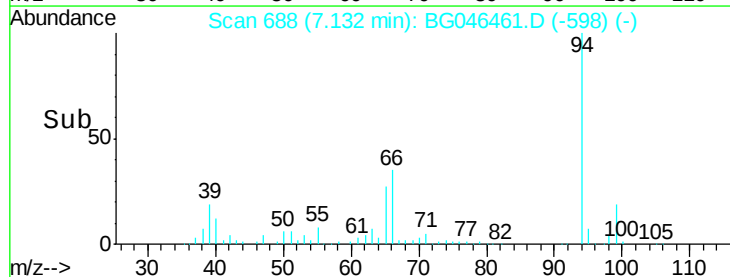
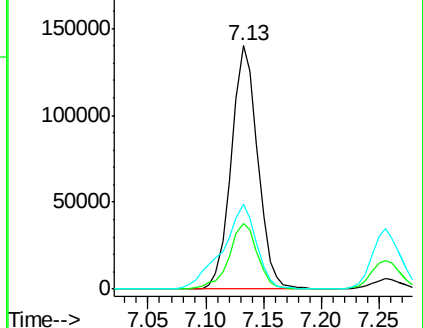
66 34.8 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

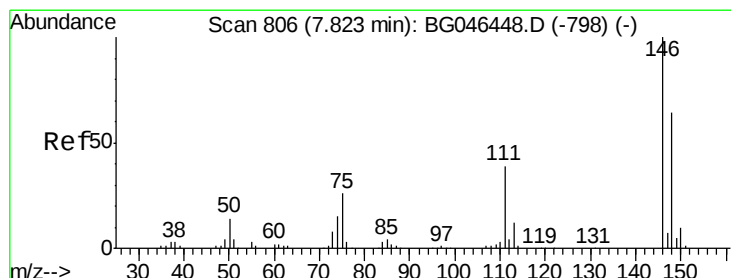
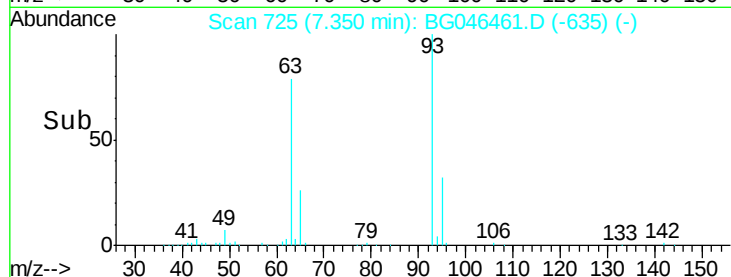
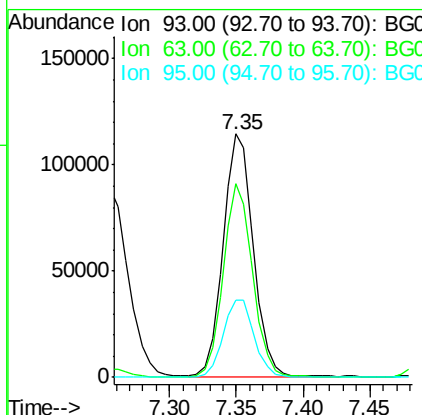
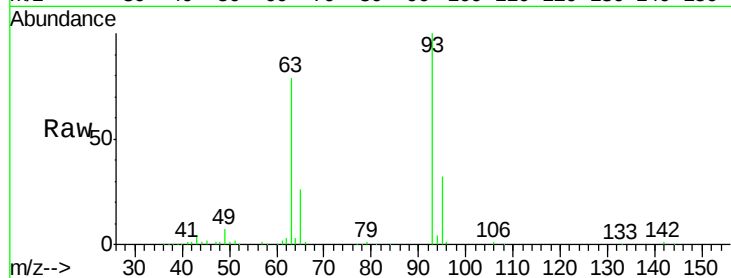




#11
 bis(2-Chloroethyl)ether
 Concen: 45.345 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

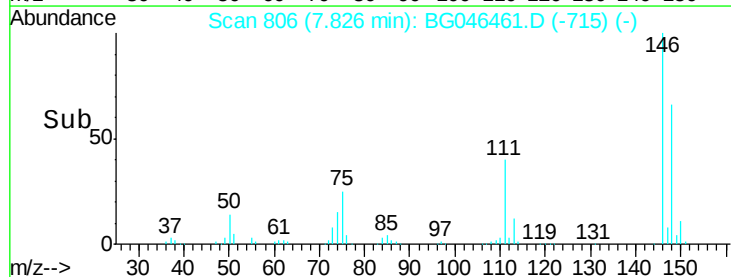
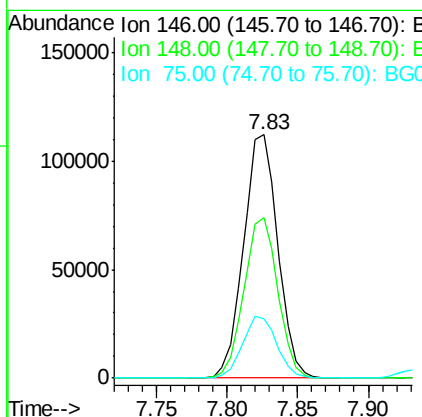
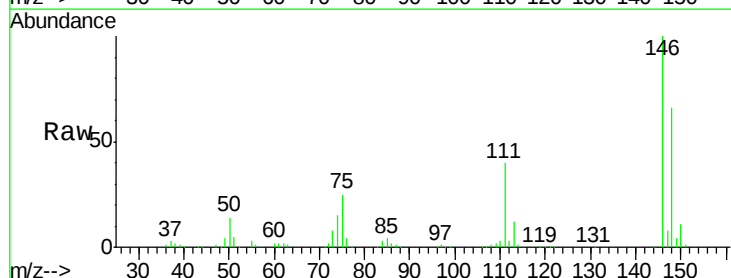
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

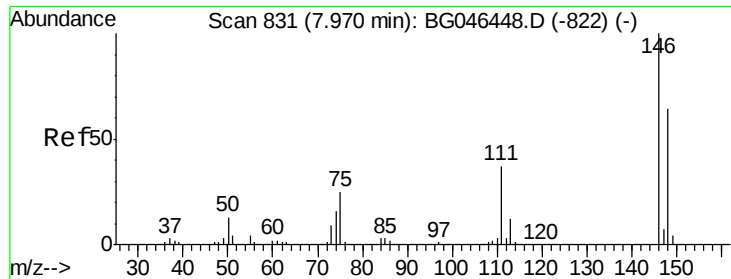
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.4	57.7	97.7
95	31.8	12.3	52.3



#12
 1,3-Dichlorobenzene
 Concen: 37.477 ng
 RT: 7.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	24.6	20.7	31.1

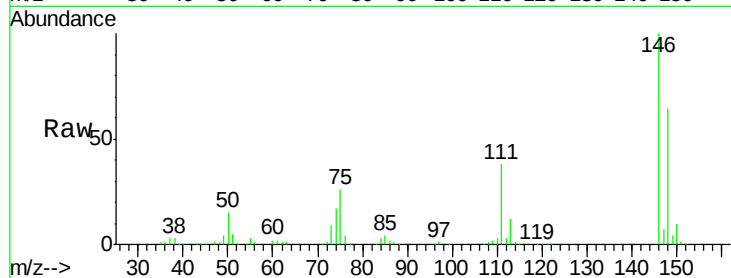




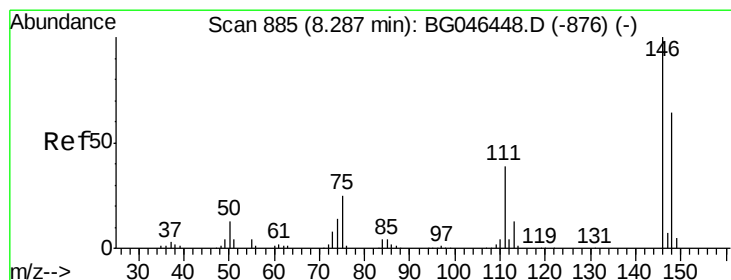
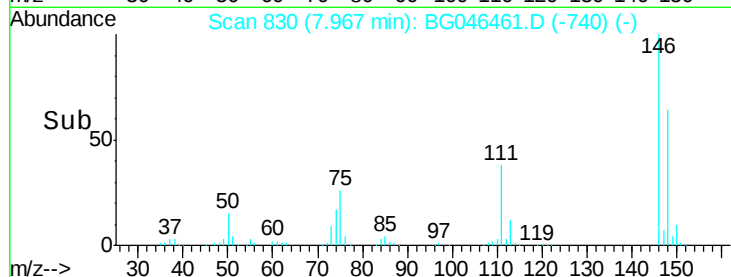
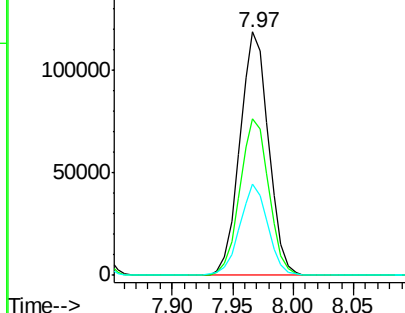
#13
 1,4-Dichlorobenzene
 Concen: 38.662 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
111	37.6	29.8	44.6

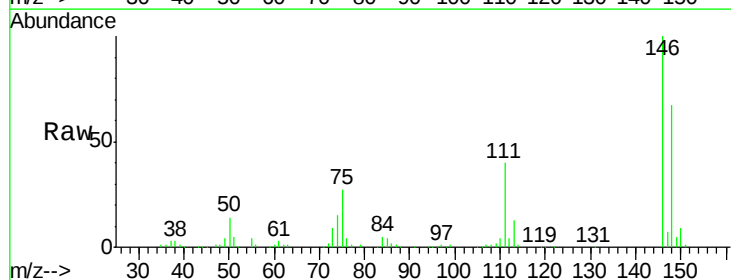


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

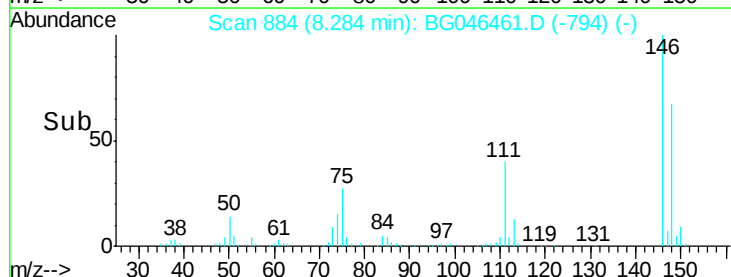
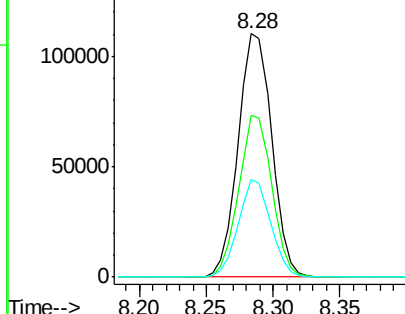


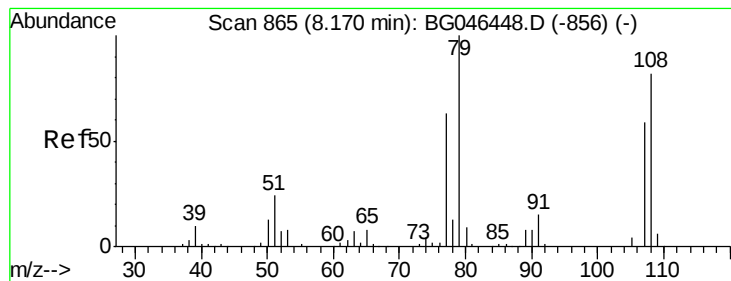
#14
 1,2-Dichlorobenzene
 Concen: 39.378 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.0
111	40.1	31.4	47.2



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





#15

Benzyl Alcohol

Concen: 50.948 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampled :

RO-10MSD

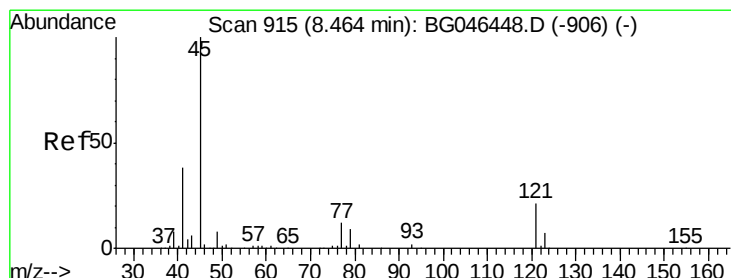
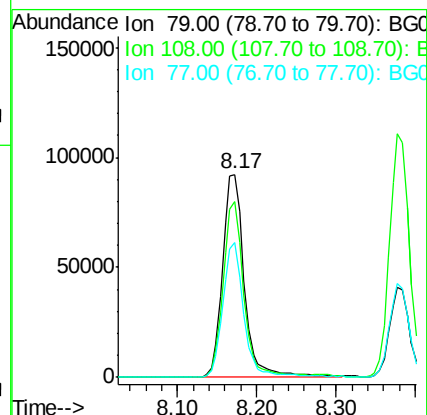
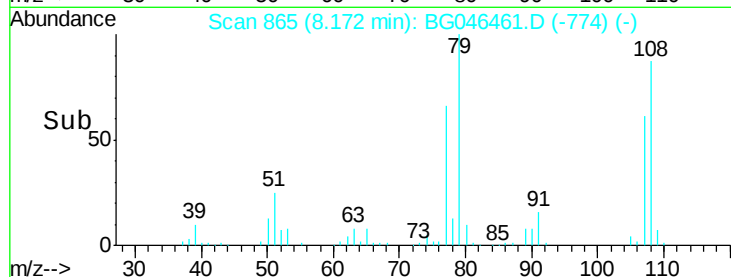
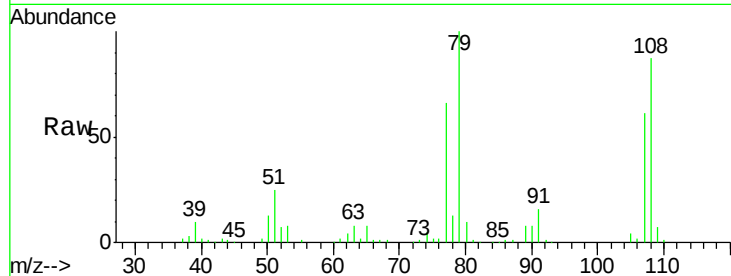
Tot Ion: 79 Resp: 175707

Ion Ratio Lower Upper

79 100

108 86.5 65.7 98.5

77 66.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.092 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

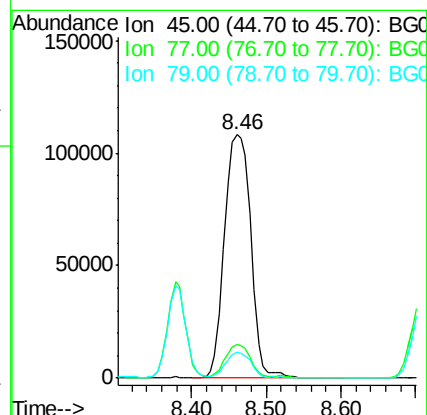
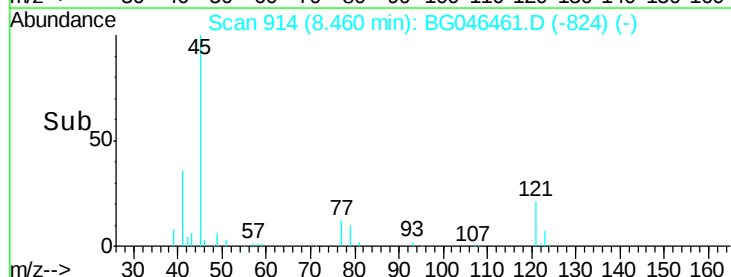
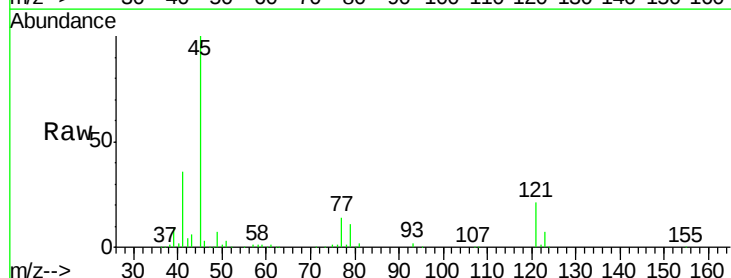
Tgt Ion: 45 Resp: 265822

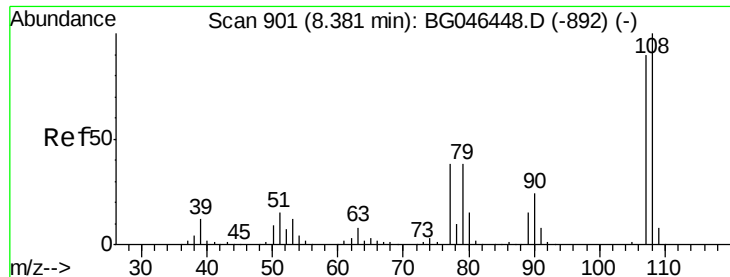
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.2

79 10.6 0.0 30.3

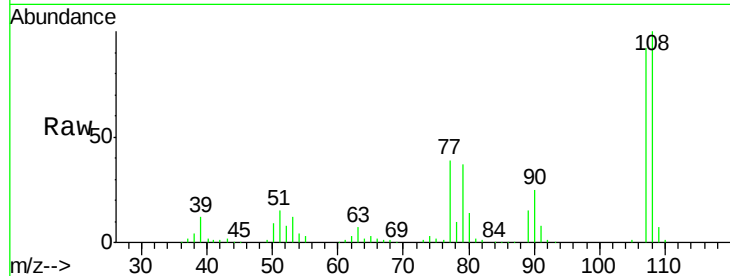




#17
2-Methylphenol
Concen: 49.408 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	89.4	134.0
77	42.0	34.5	51.7
79	40.2	33.8	50.6



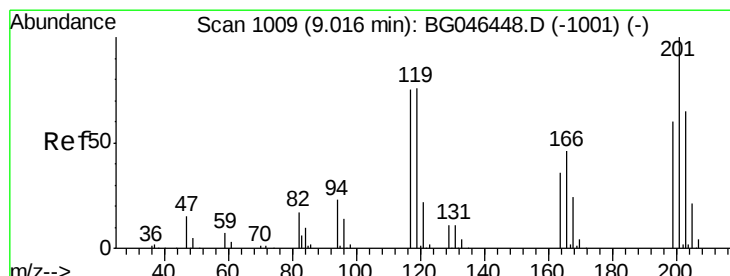
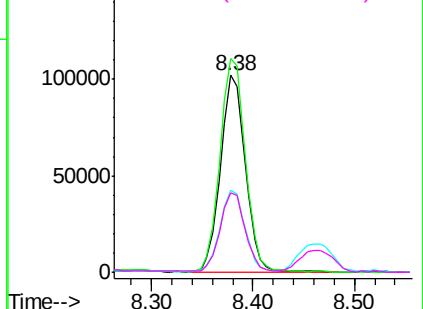
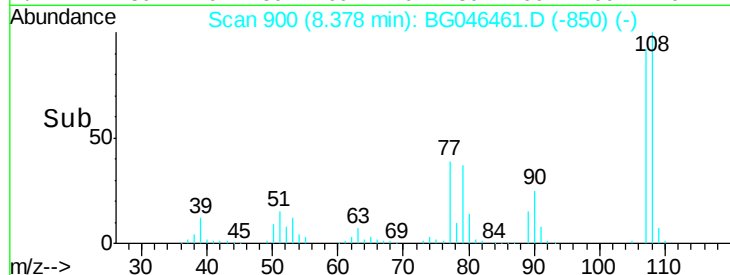
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

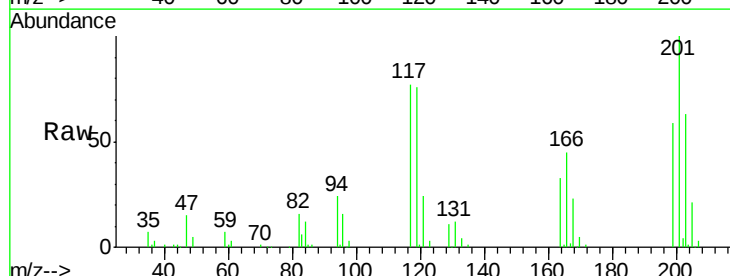
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 35.924 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	80.8	121.2
201	129.7	106.7	160.1

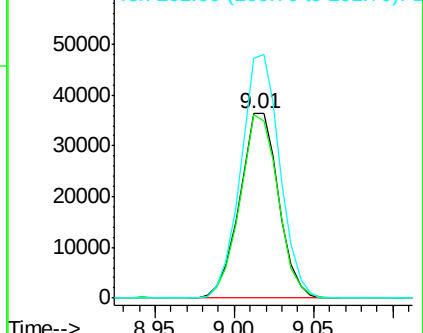
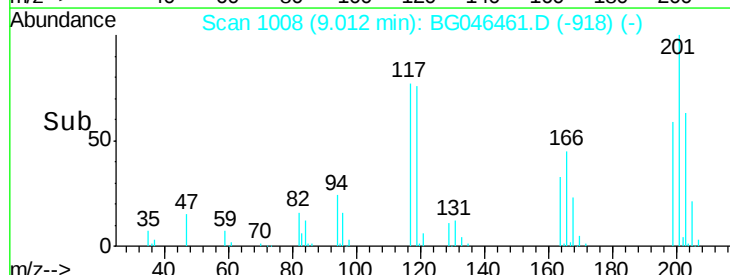


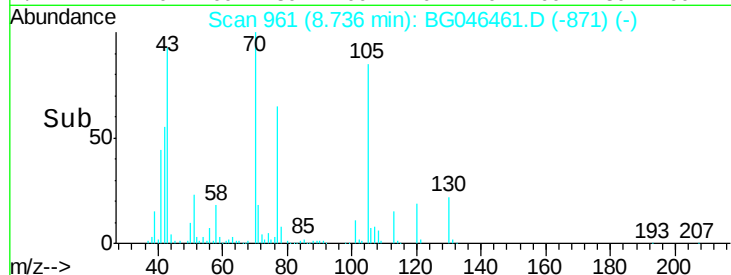
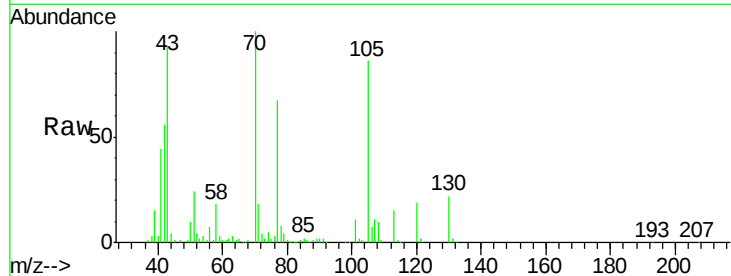
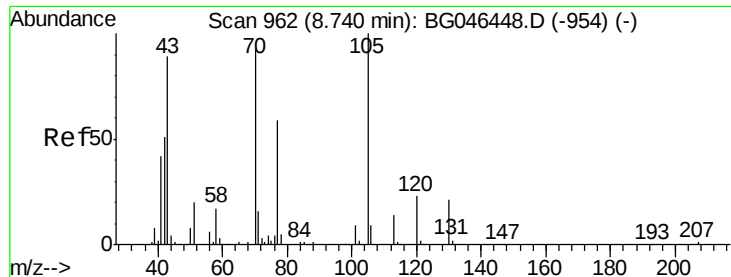
Abundance

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

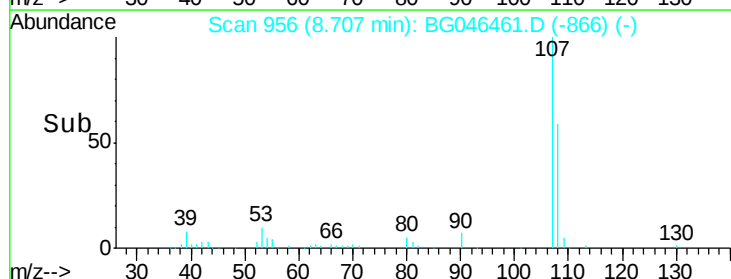
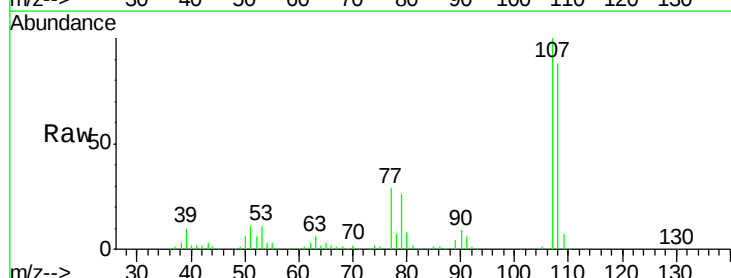
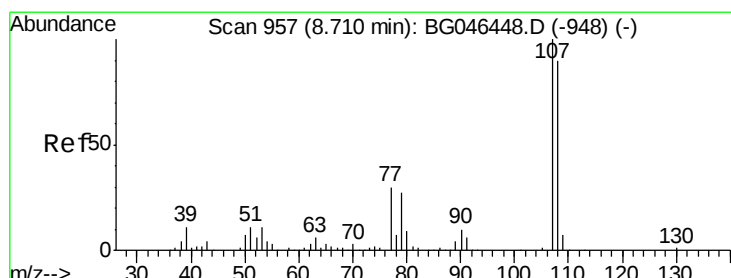
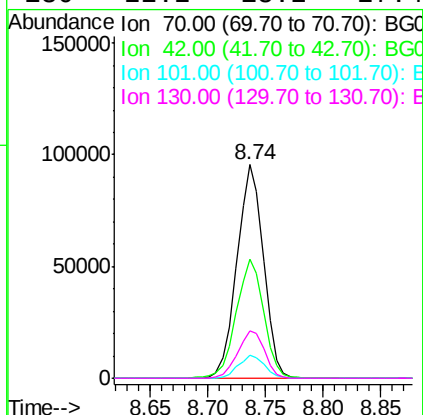




#19
n-Nitroso-di-n-propylamine
Concen: 47.245 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

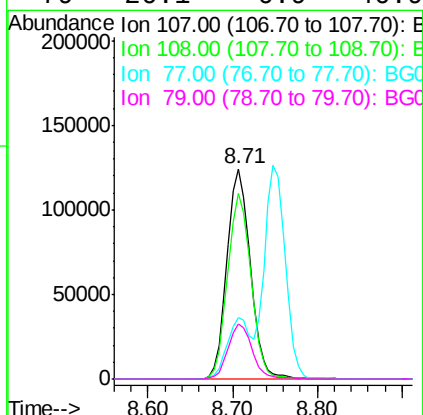
Instrument :
BNA_G
ClientSampleId :
RO-10MSD

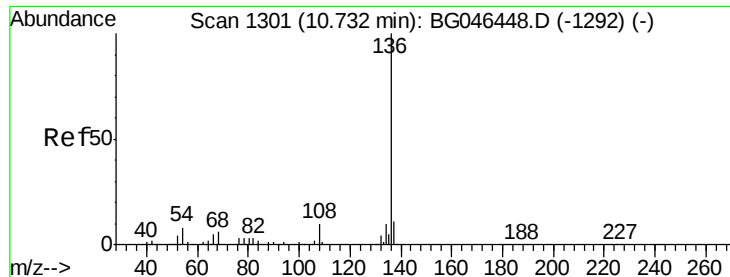
Tot Ion:	70	Resp:	151806
Ion	Ratio	Lower	Upper
70	100		
42	55.5	44.2	66.2
101	10.8	7.8	11.8
130	22.2	18.2	27.4



#20
3+4-Methylphenols
Concen: 49.170 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:	107	Resp:	238133
Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.7	109.7
77	29.2	9.7	49.7
79	26.1	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

Tot Ion:136 Resp: 276140

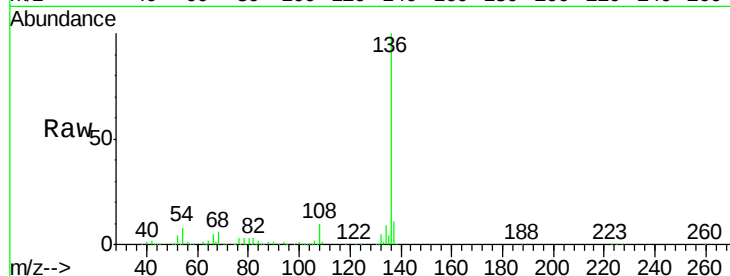
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.1 6.1 9.1

68 5.9 4.8 7.2

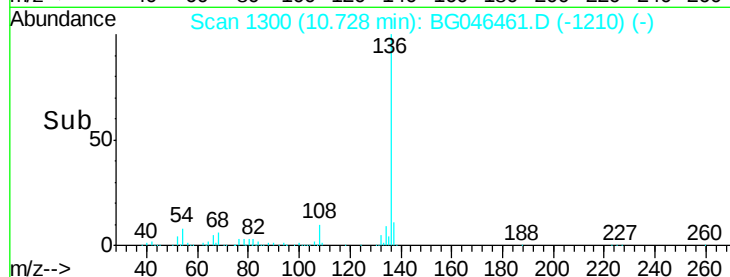


Abundance Ion 136.00 (135.70 to 136.70): E

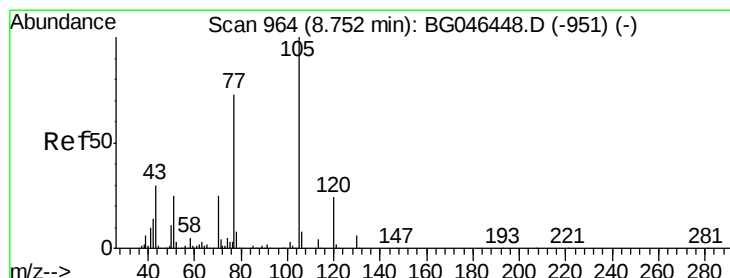
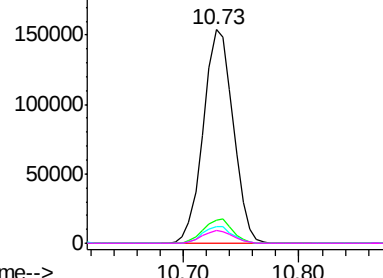
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 44.075 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:105 Resp: 296266

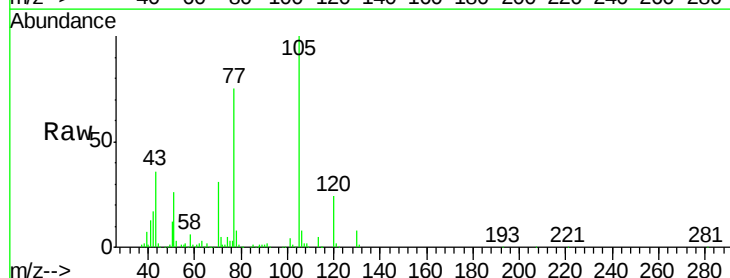
Ion Ratio Lower Upper

105 100

71 5.2 3.3 4.9#

51 25.6 20.6 31.0

120 24.1 19.0 28.6

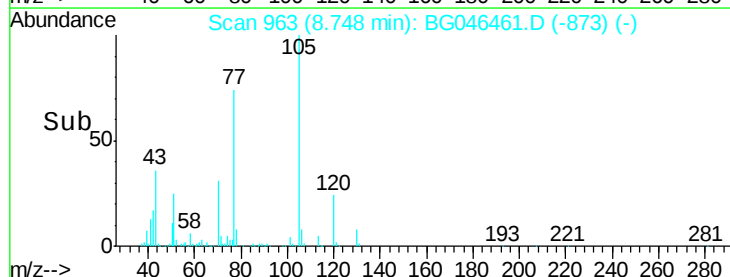


Abundance Ion 105.00 (104.70 to 105.70): E

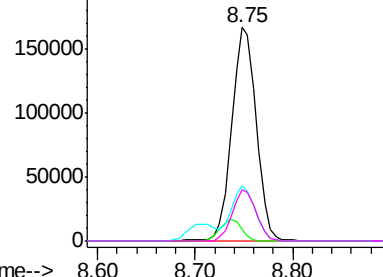
Ion 71.00 (70.70 to 71.70): BGC

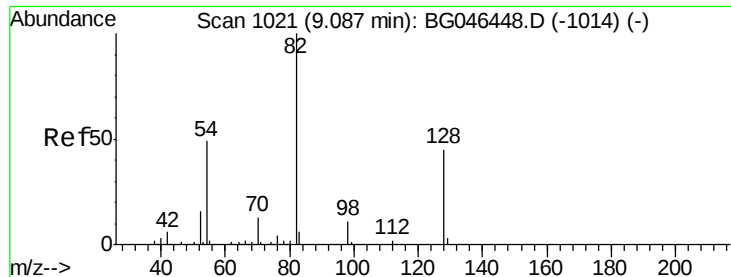
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

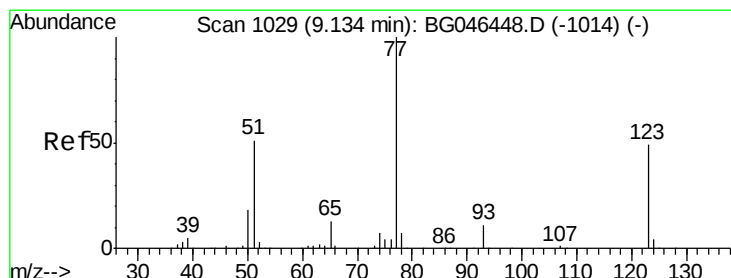
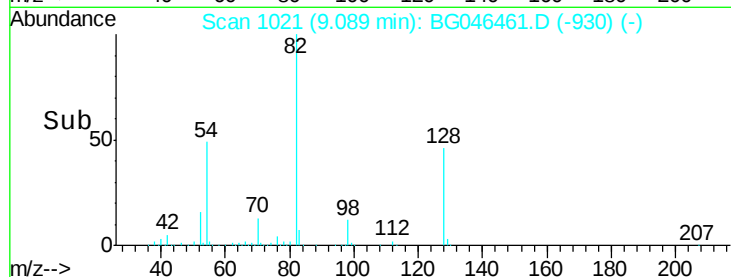
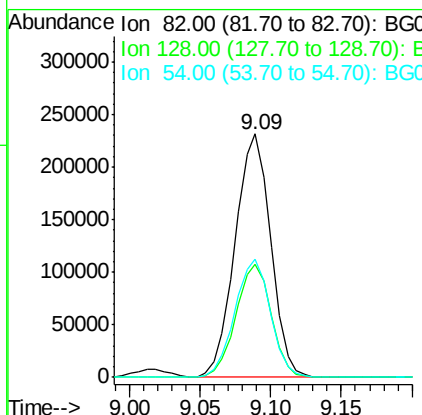
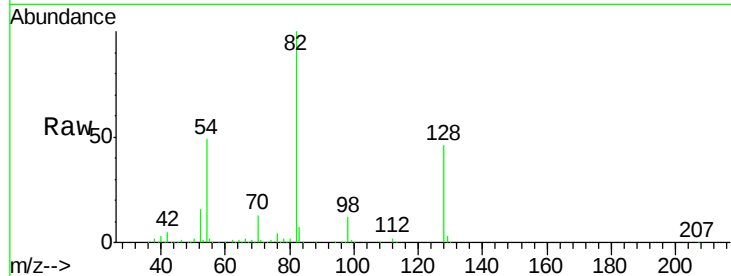




#23
 Nitrobenzene-d5
 Concen: 84.284 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

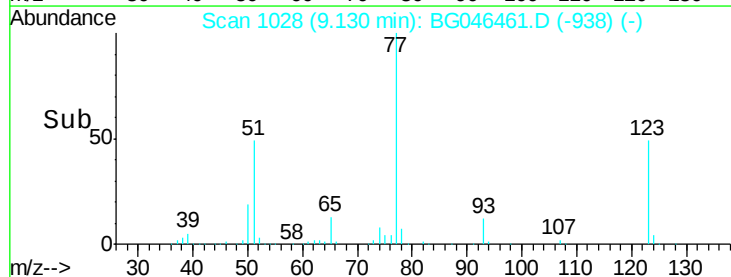
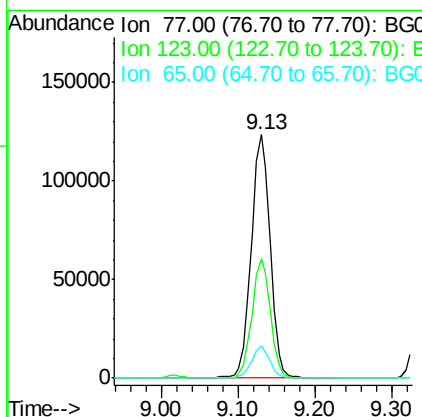
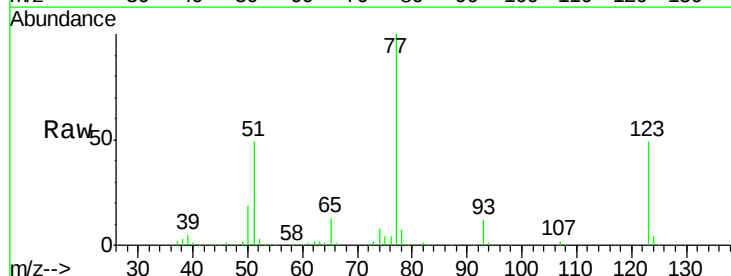
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

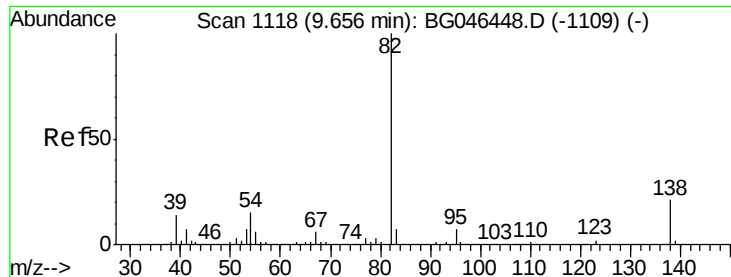
Tot Ion	82	Resp	407212
Ion Ratio	Lower	Upper	
82	100		
128	46.4	35.7	53.5
54	48.8	39.4	59.0



#24
 Nitrobenzene
 Concen: 44.621 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	77	Resp	212984
Ion Ratio	Lower	Upper	
77	100		
123	49.2	39.6	59.4
65	13.1	10.1	15.1





#25

Isophorone

Concen: 48.121 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

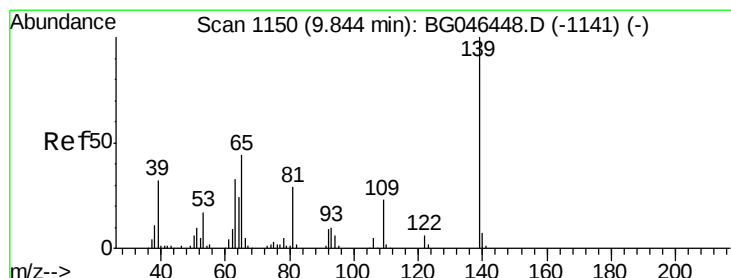
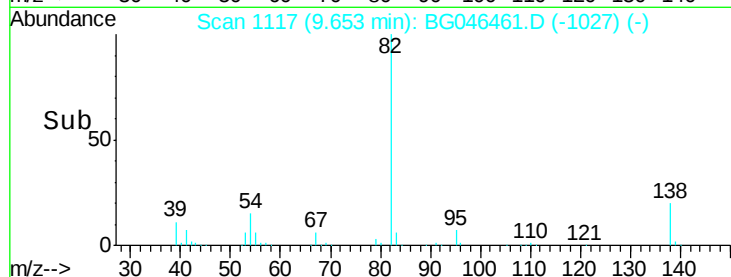
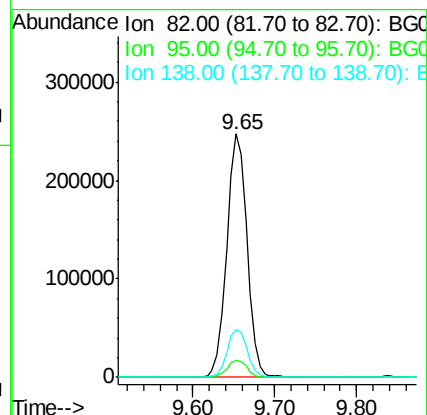
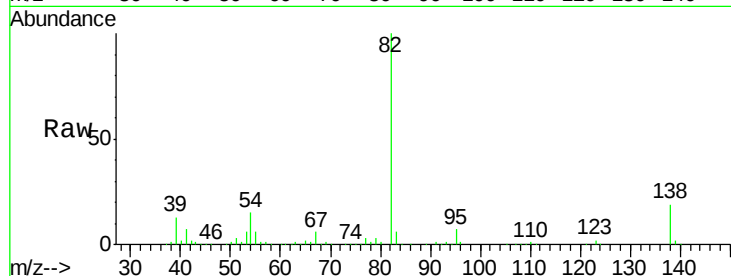
Tot Ion: 82 Resp: 426249

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 19.4 16.4 24.6



#26

2-Nitrophenol

Concen: 47.334 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

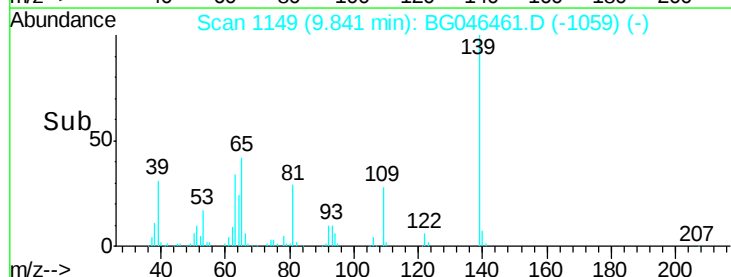
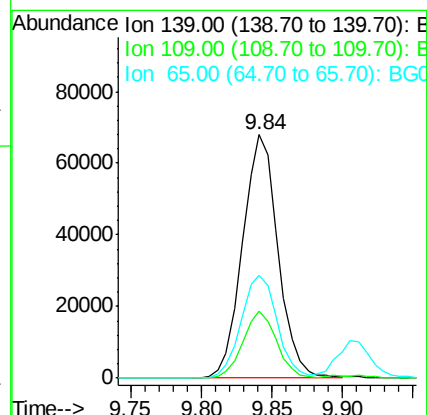
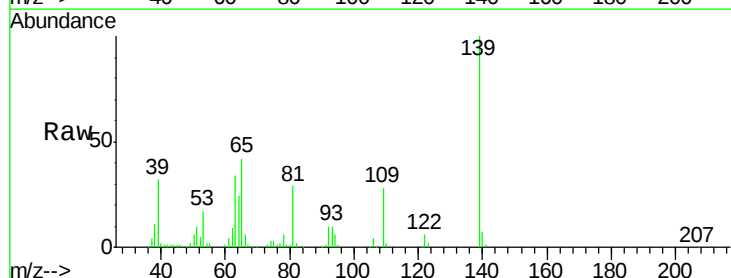
Tgt Ion: 139 Resp: 119203

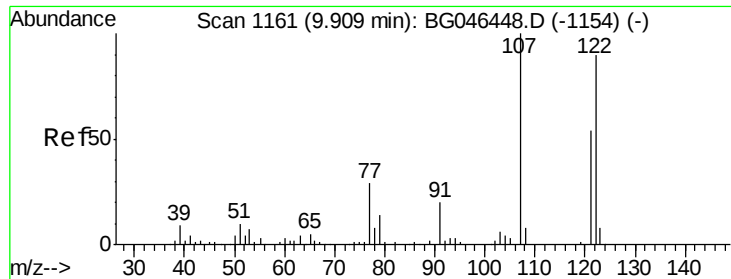
Ion Ratio Lower Upper

139 100

109 27.8 18.8 28.2

65 42.3 35.0 52.6

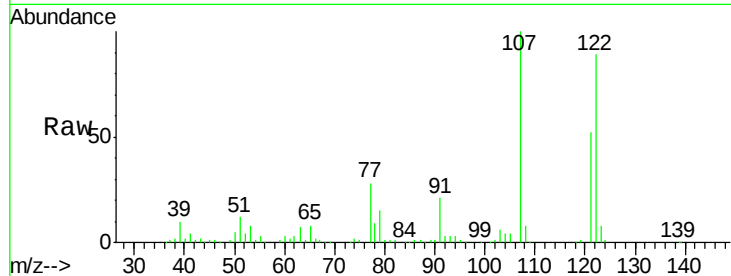




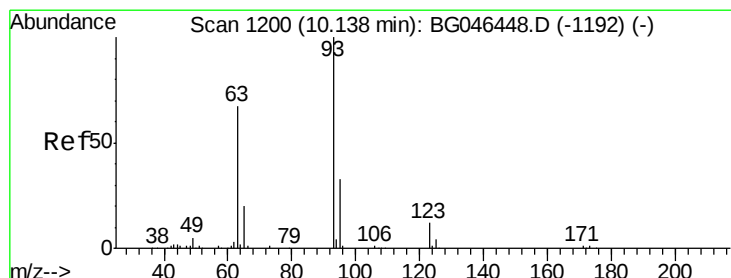
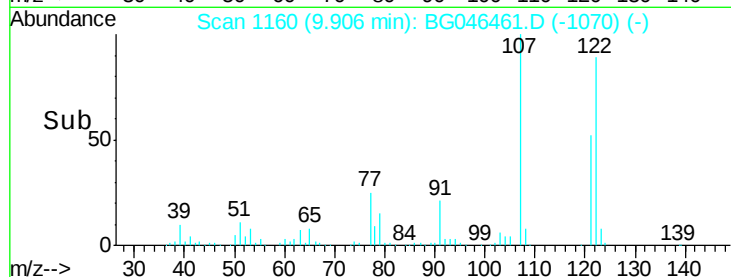
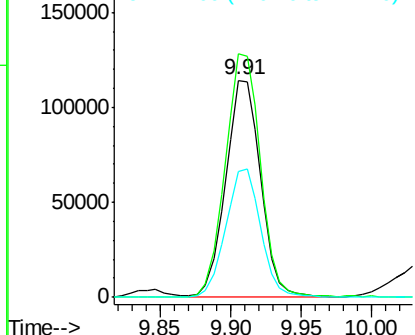
#27
 2,4-Dimethylphenol
 Concen: 56.200 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion:122 Resp: 194662
 Ion Ratio Lower Upper
 122 100
 107 112.3 88.2 132.2
 121 58.3 47.4 71.0

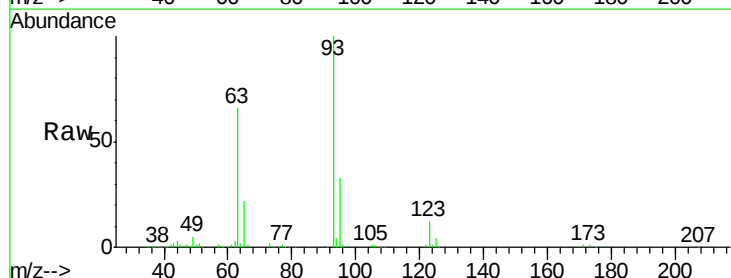


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

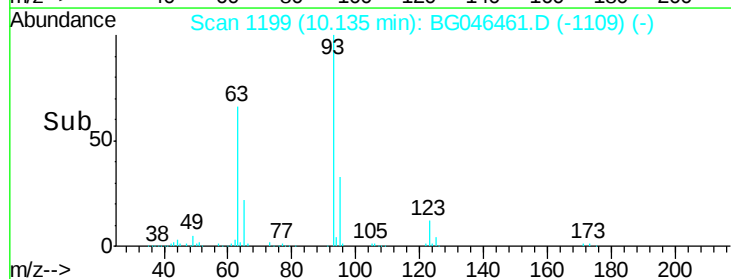
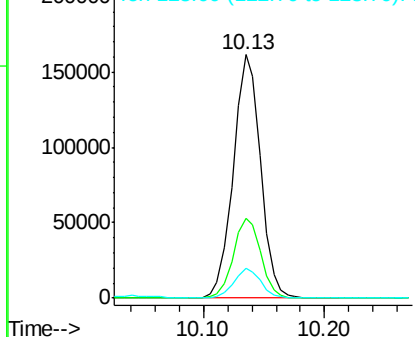


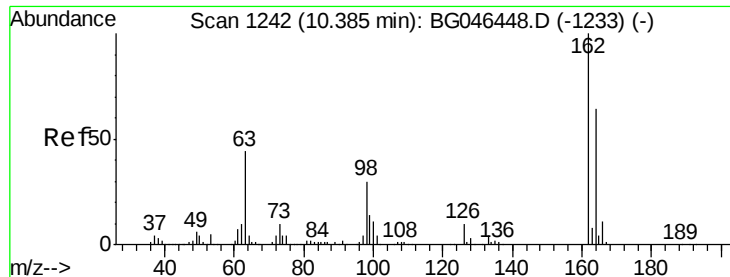
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.525 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion: 93 Resp: 253847
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.1 39.1
 123 12.4 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

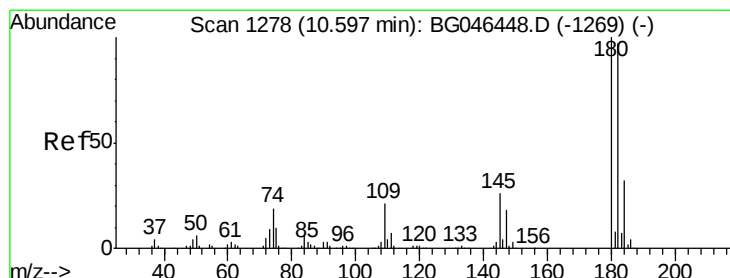
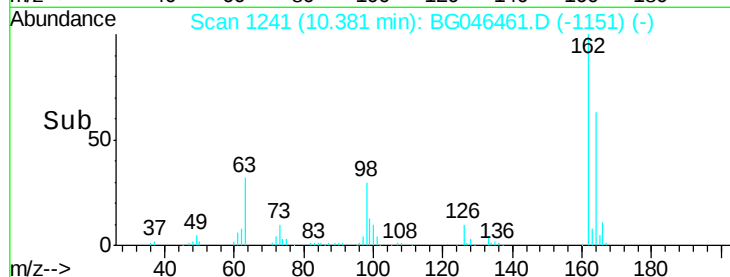
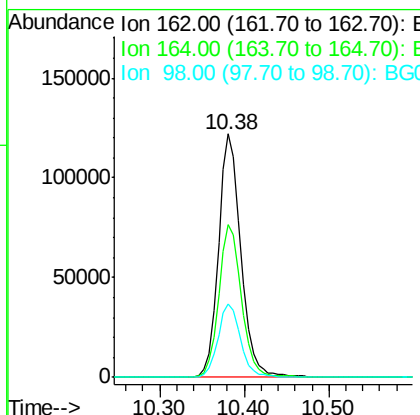
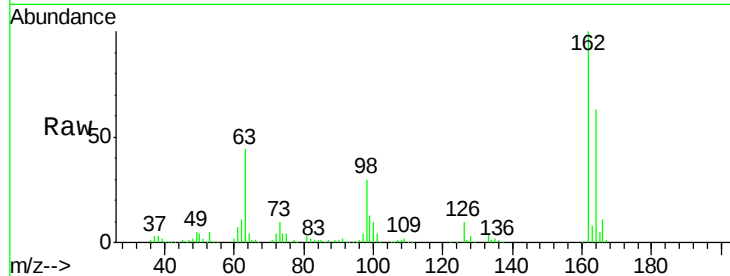




#29
2,4-Dichlorophenol
Concen: 48.650 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

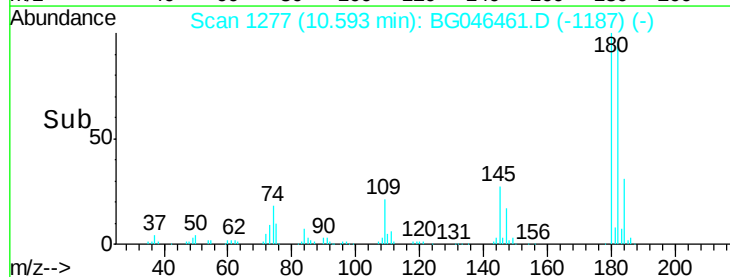
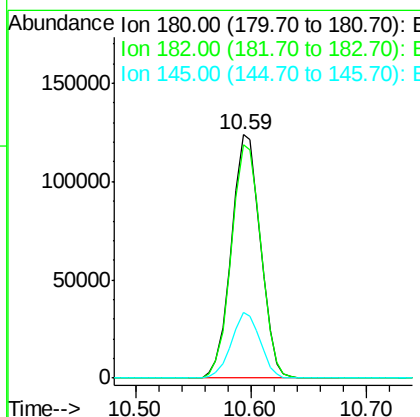
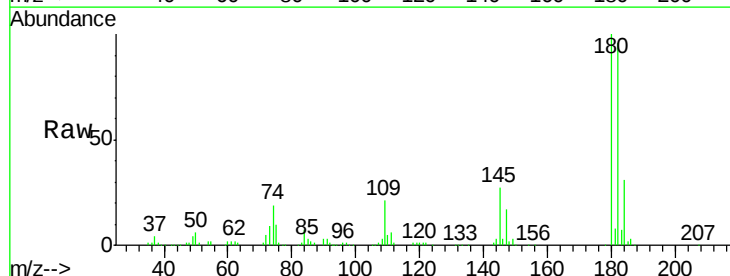
Instrument :
BNA_G
ClientSampleId :
RO-10MSD

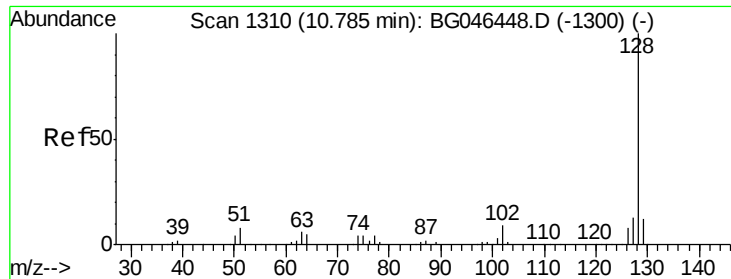
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.3	84.3
98	30.3	10.0	50.0



#30
1,2,4-Trichlorobenzene
Concen: 39.421 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.8	116.8
145	26.8	20.9	31.3





#31

Naphthalene

Concen: 43.133 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

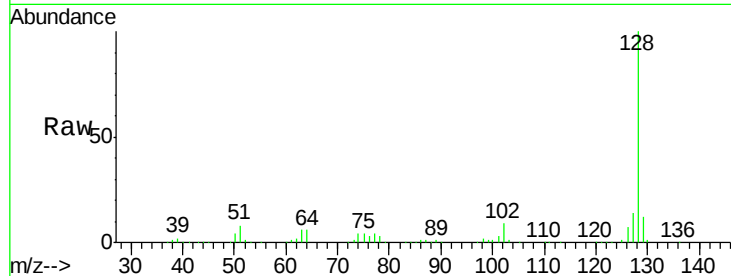
Tot Ion:128 Resp: 581562

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

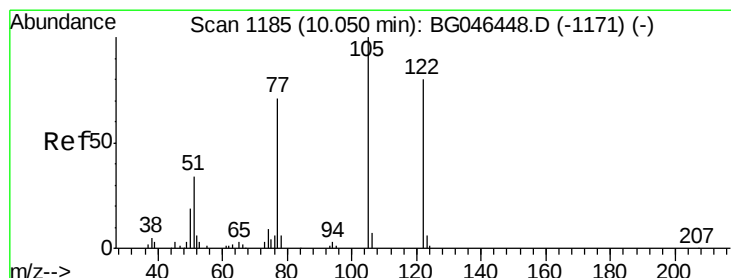
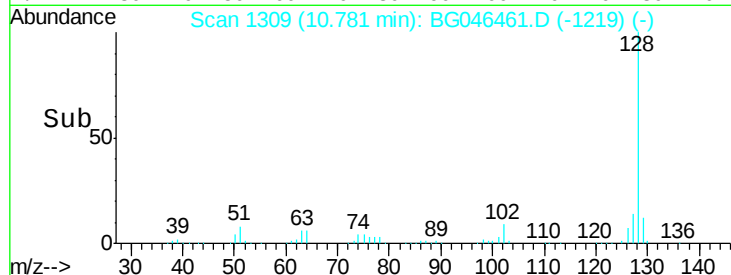
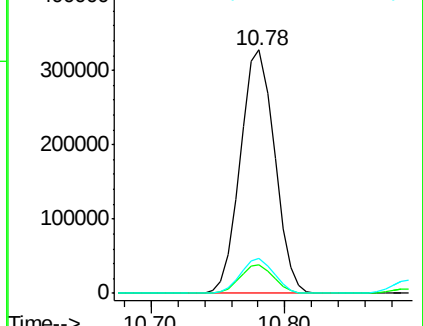
127 14.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.056 ng

RT: 10.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

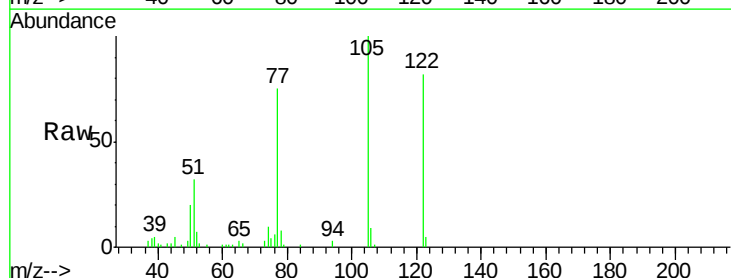
Tgt Ion:122 Resp: 62466

Ion Ratio Lower Upper

122 100

105 121.3 102.5 142.5

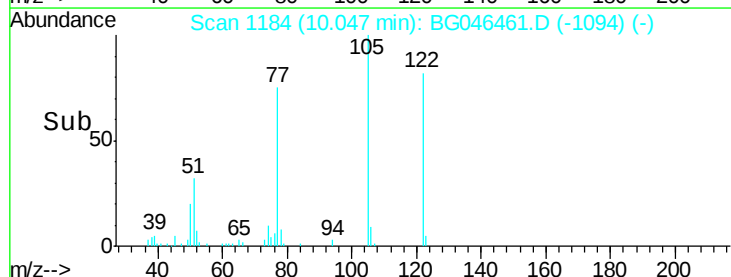
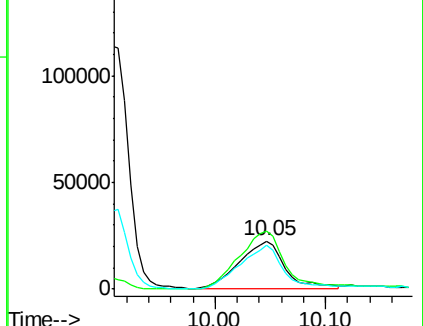
77 90.5 68.2 108.2

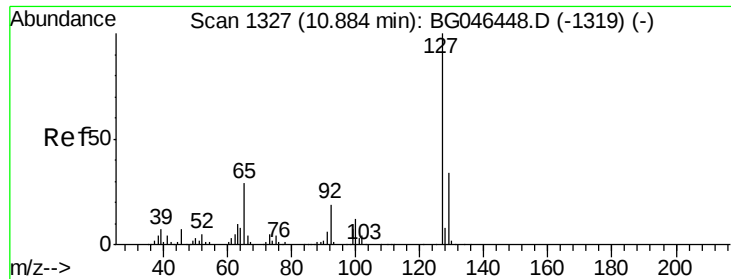


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

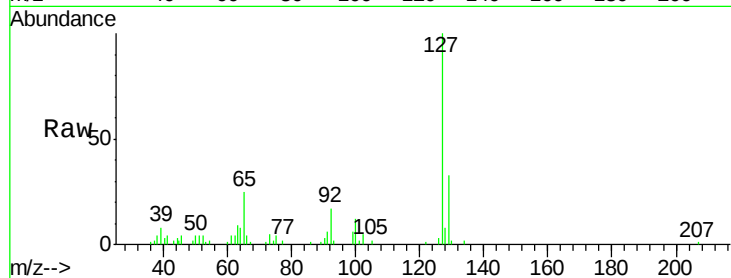




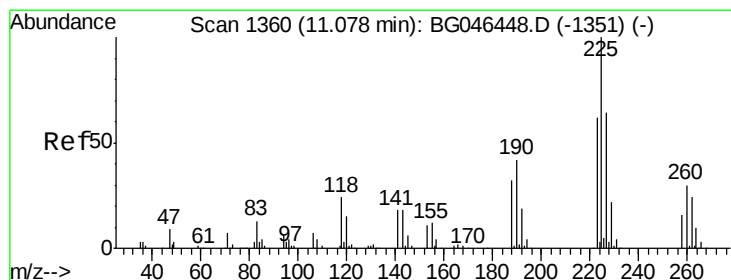
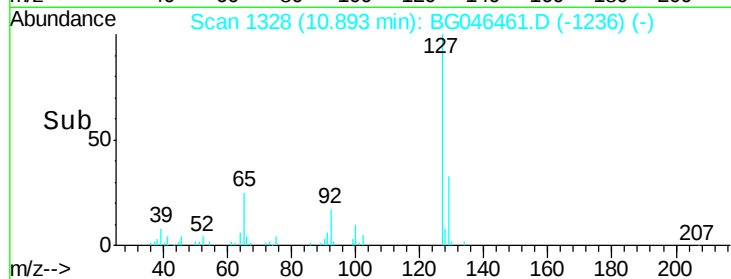
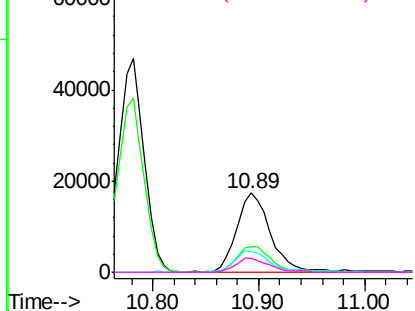
#33
4-Chloroaniline
Concen: 6.467 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion:127	Resp:	38451
Ion Ratio	Lower	Upper
127	100	
129	33.3	27.0 40.4
65	25.3	23.5 35.3
92	17.2	14.9 22.3

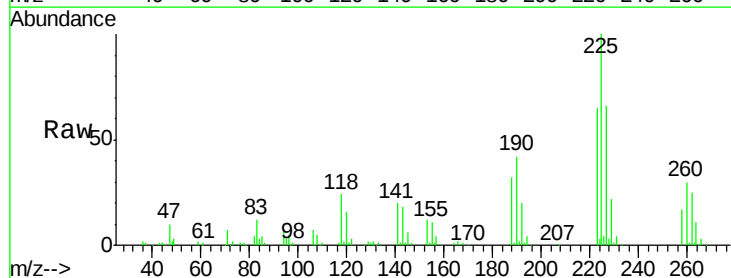


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

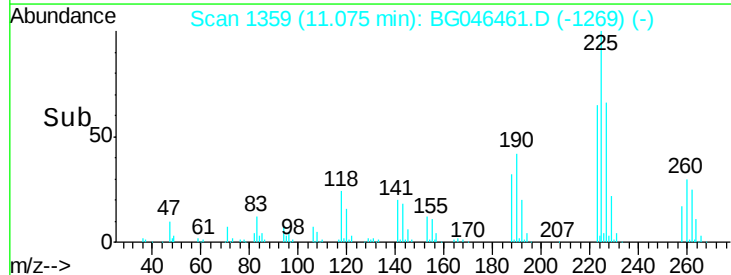
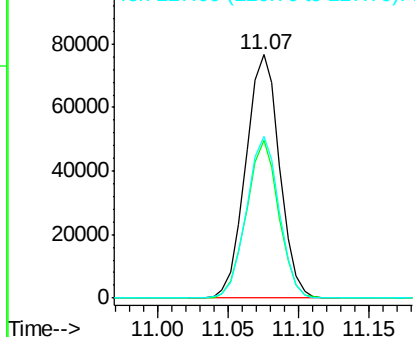


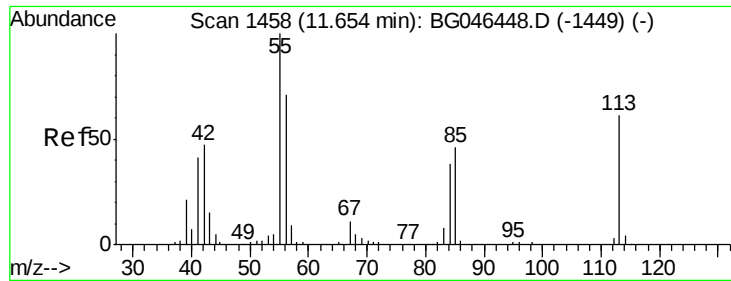
#34
Hexachlorobutadiene
Concen: 36.156 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:225	Resp:	128588
Ion Ratio	Lower	Upper
225	100	
223	64.8	49.9 74.9
227	66.4	51.6 77.4



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





#35

Caprolactam

Concen: 22.021 ng

RT: 11.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

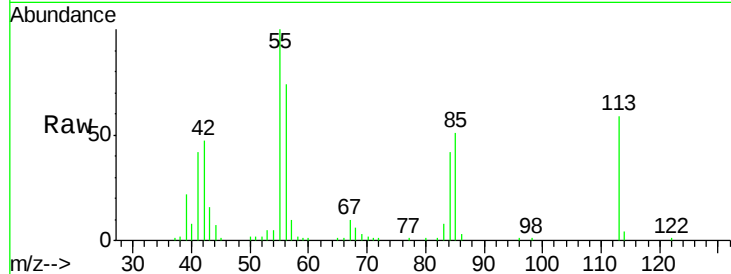
Tot Ion:113 Resp: 38008

Ion Ratio Lower Upper

113 100

55 168.8 144.2 184.2

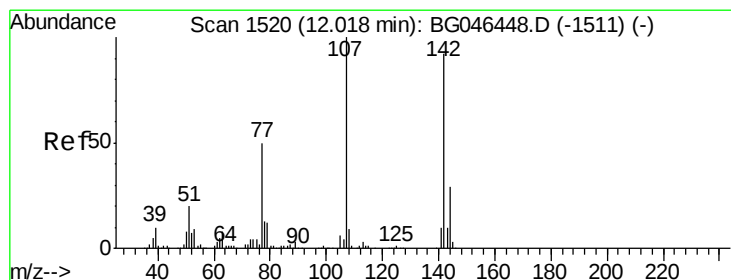
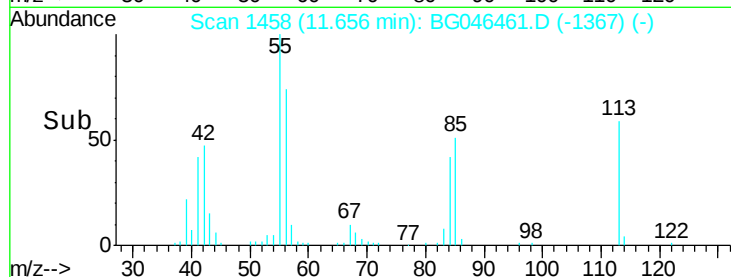
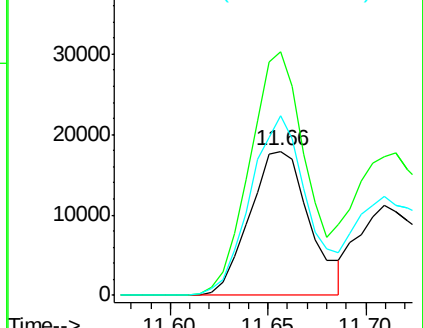
56 124.2 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.509 ng

RT: 12.02 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

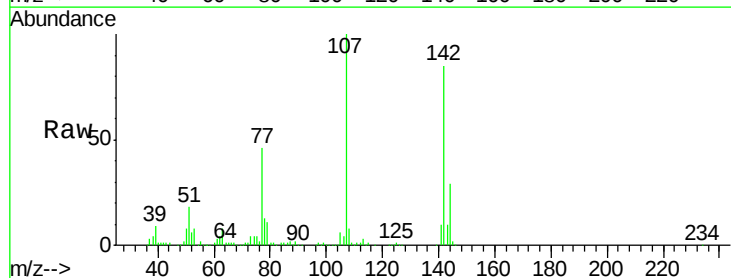
Tgt Ion:107 Resp: 228104

Ion Ratio Lower Upper

107 100

144 28.6 23.3 34.9

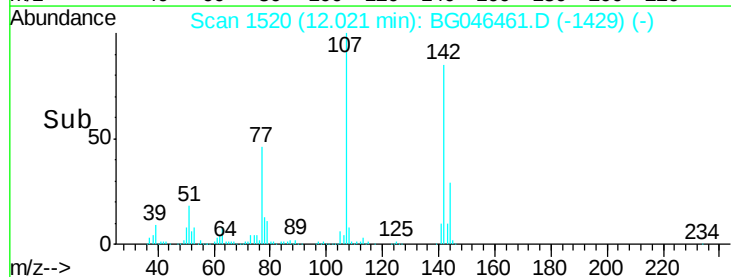
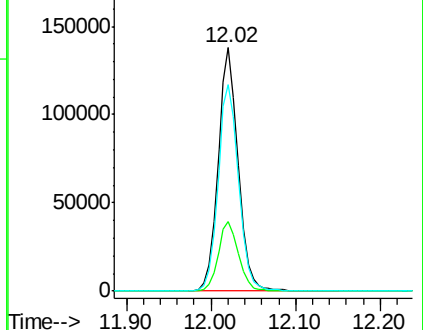
142 84.9 73.7 110.5

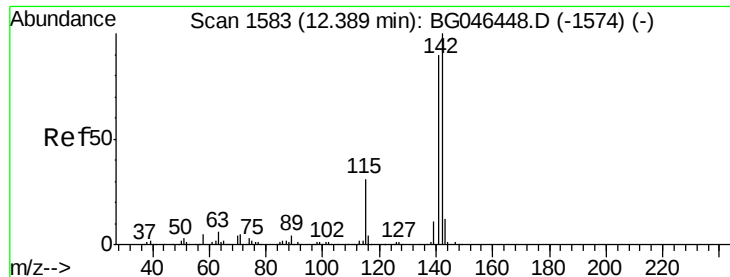


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

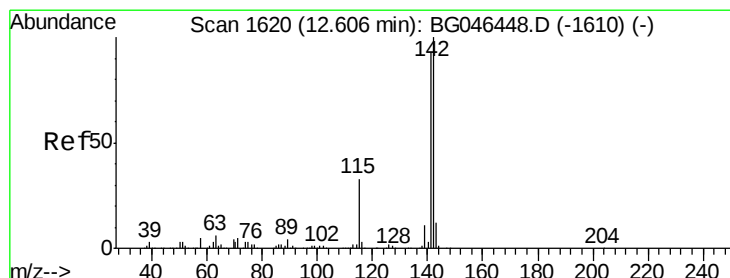
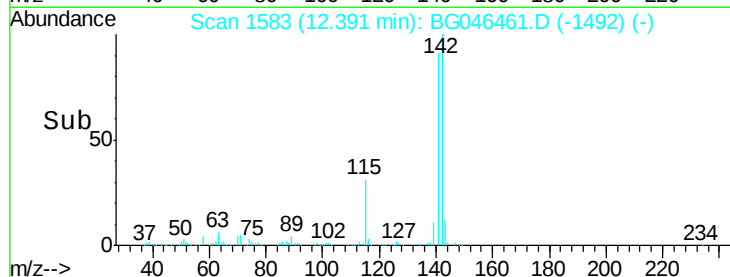
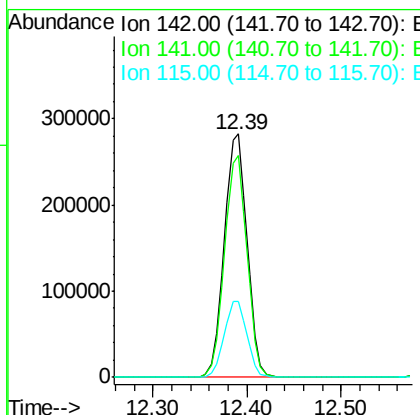
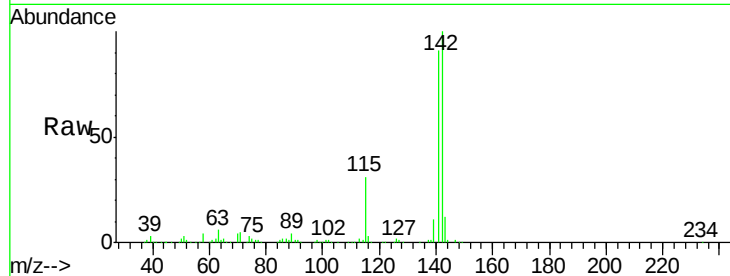




#37
2-Methylnaphthalene
Concen: 44.816 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

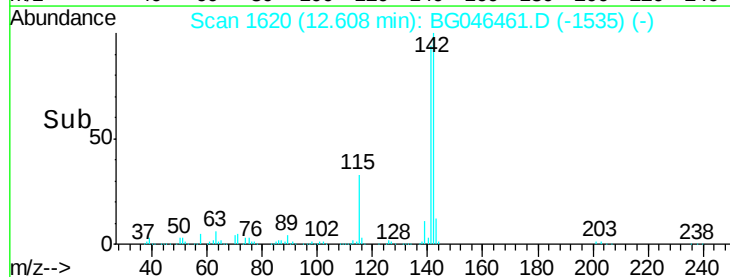
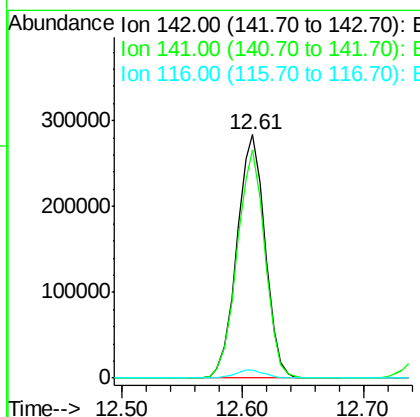
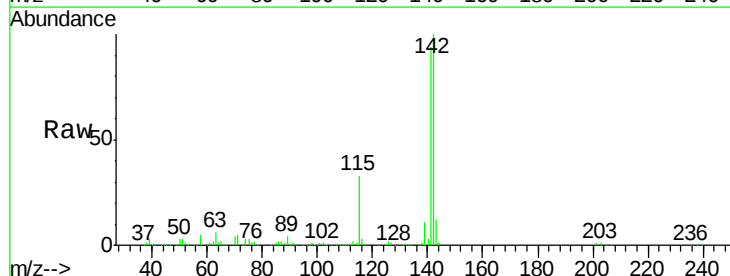
Instrument :
BNA_G
ClientSampleId :
RO-10MSD

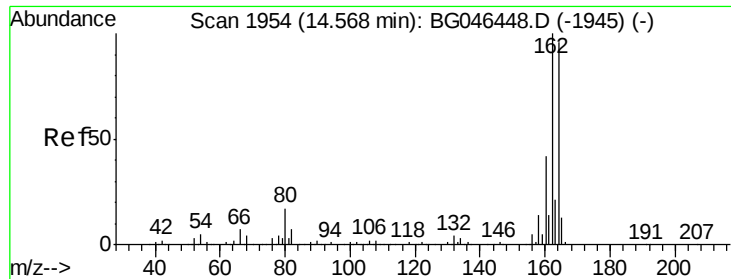
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.1	108.1
115	31.0	24.9	37.3



#38
1-Methylnaphthalene
Concen: 45.742 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.7	112.1
116	3.4	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

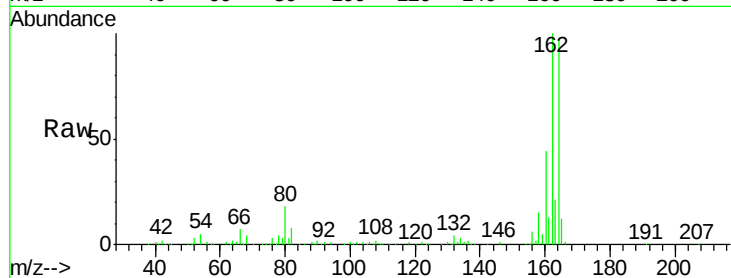
Tot Ion:164 Resp: 201553

Ion Ratio Lower Upper

164 100

162 102.8 83.3 124.9

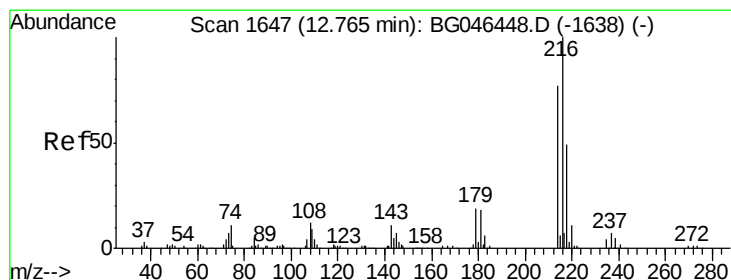
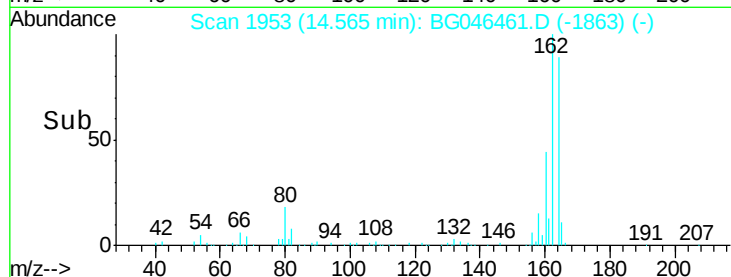
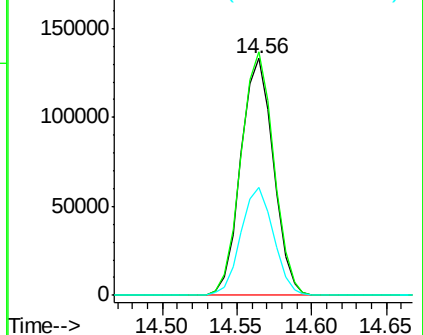
160 45.4 35.0 52.6



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: 42.481 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:216 Resp: 282352

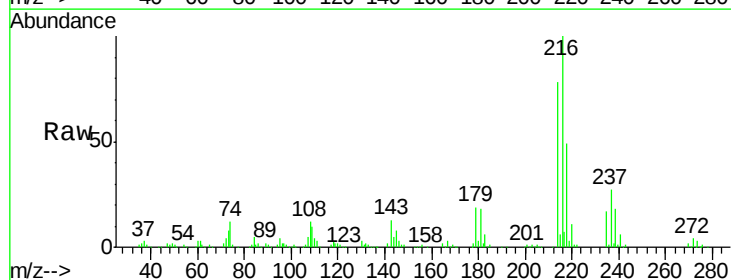
Ion Ratio Lower Upper

216 100

214 77.9 62.1 93.1

179 18.8 14.9 22.3

108 14.5 10.5 15.7

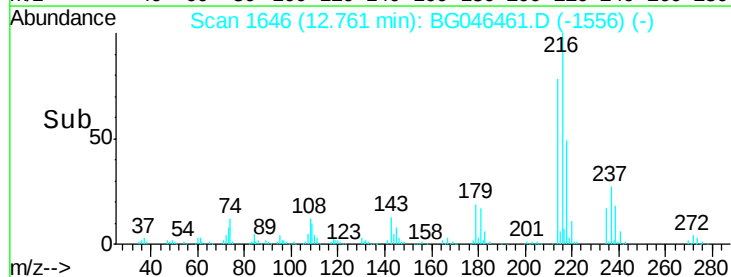
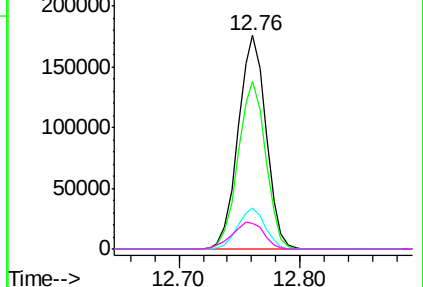


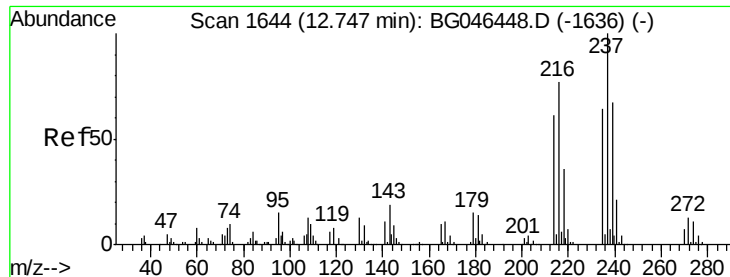
Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.500 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

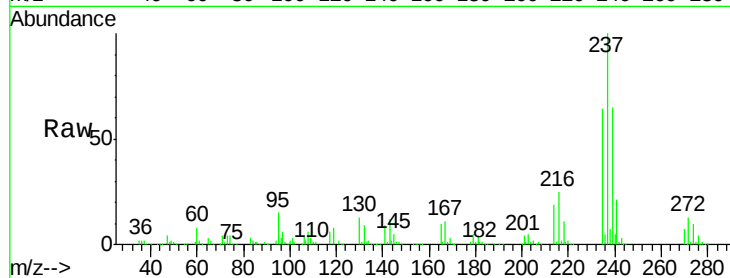
Tot Ion:237 Resp: 304899

Ion Ratio Lower Upper

237 100

235 64.0 44.5 84.5

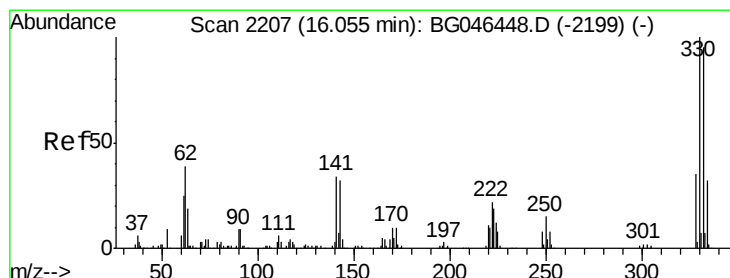
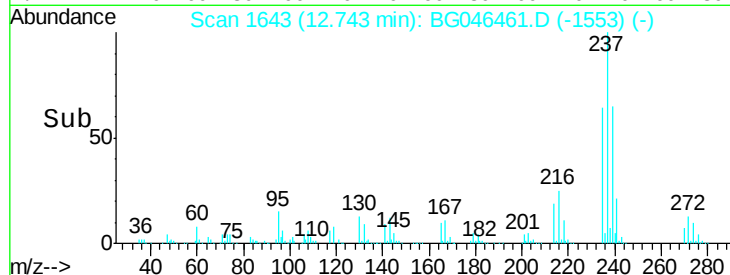
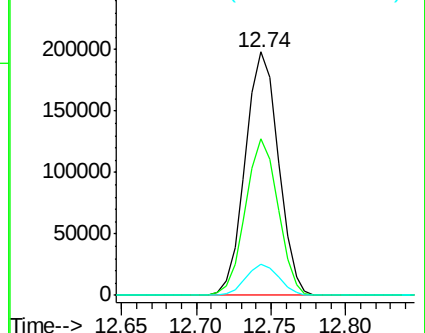
272 13.0 0.0 32.8



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: 119.284 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

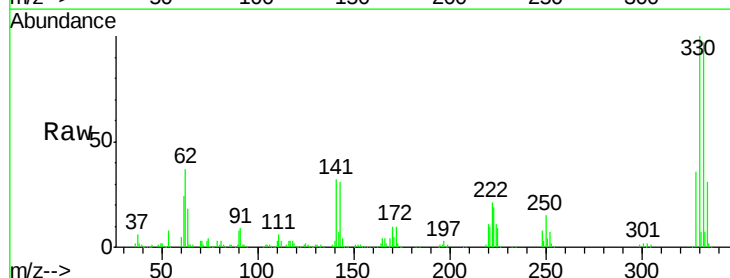
Tgt Ion:330 Resp: 325754

Ion Ratio Lower Upper

330 100

332 97.2 76.1 114.1

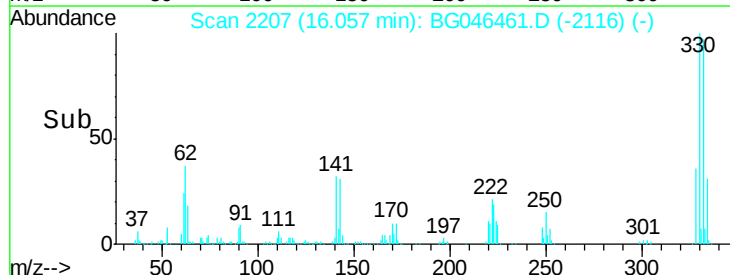
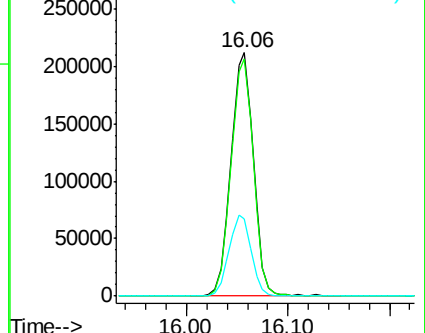
141 33.2 26.1 39.1

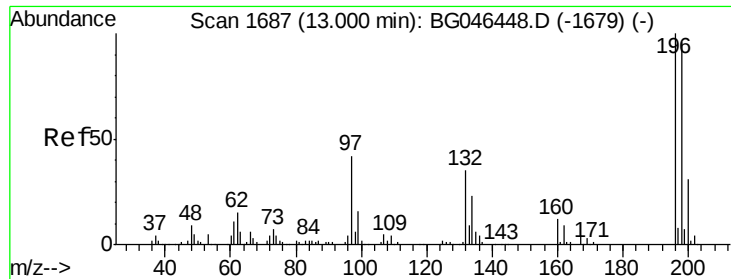


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

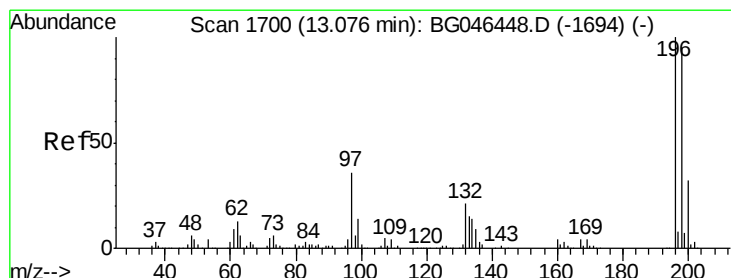
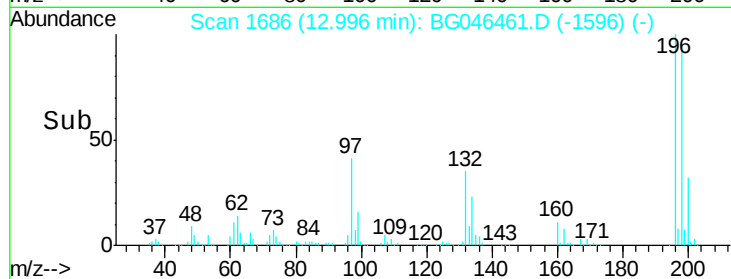
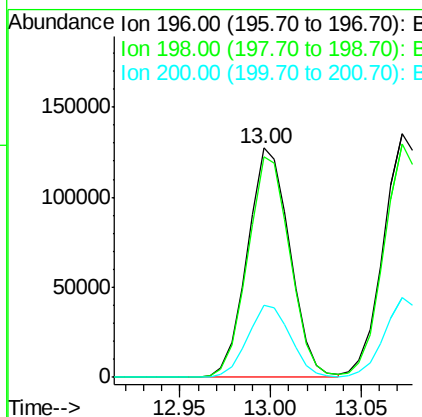
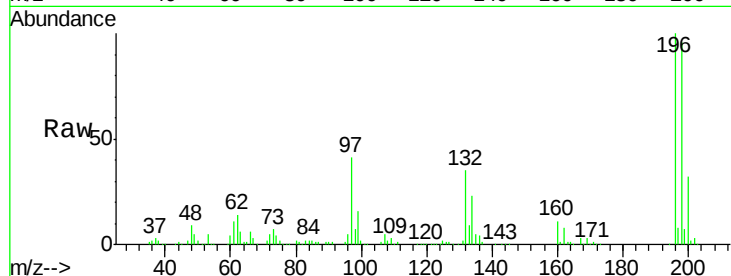




#43
 2,4,6-Trichlorophenol
 Concen: 46.091 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

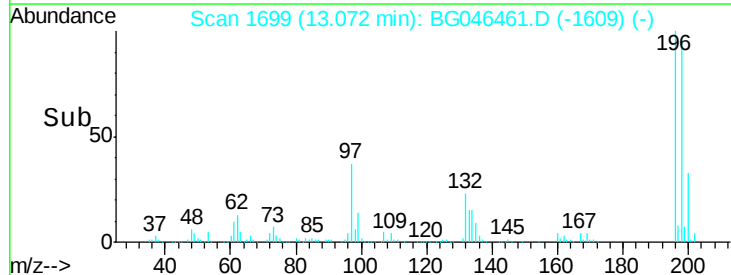
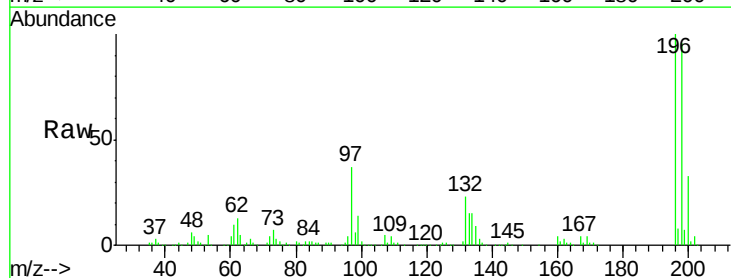
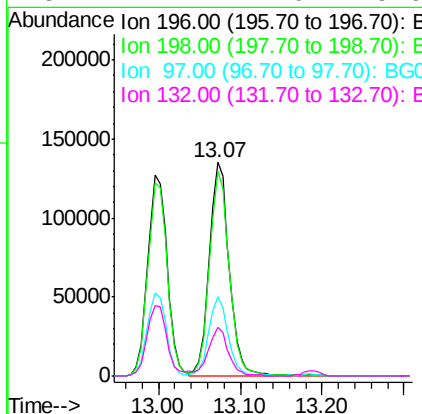
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

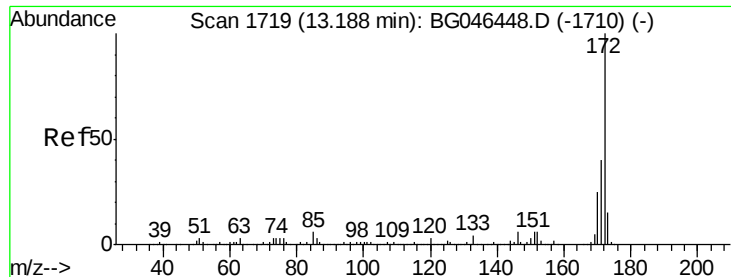
Tot Ion	196	Resp	206728
Ion Ratio	Lower	Upper	
196	100		
198	96.1	77.0	115.6
200	31.7	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 48.640 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion	196	Resp	229215
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.6	113.4
97	37.0	28.6	43.0
132	22.7	17.0	25.6



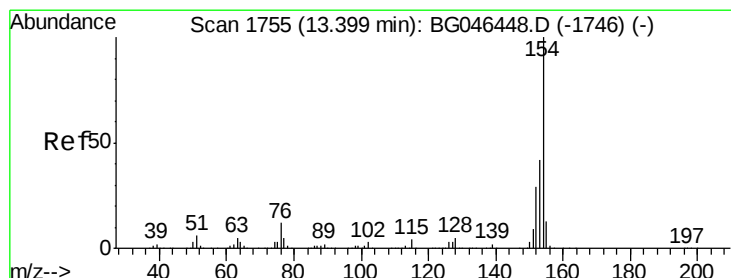
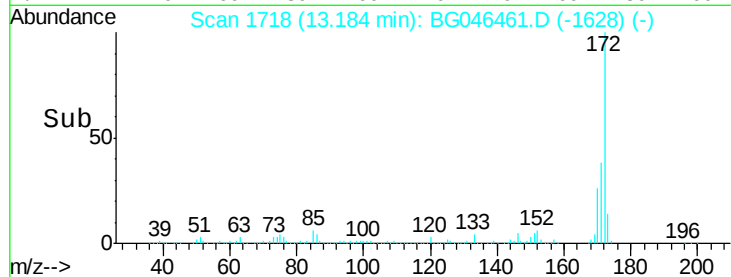
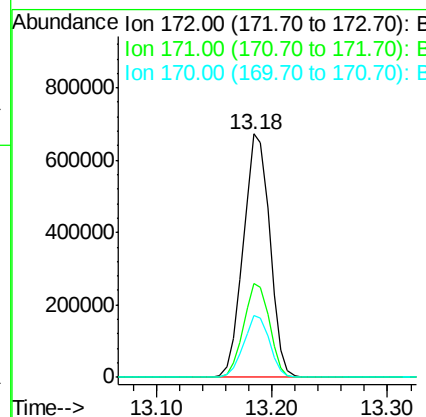
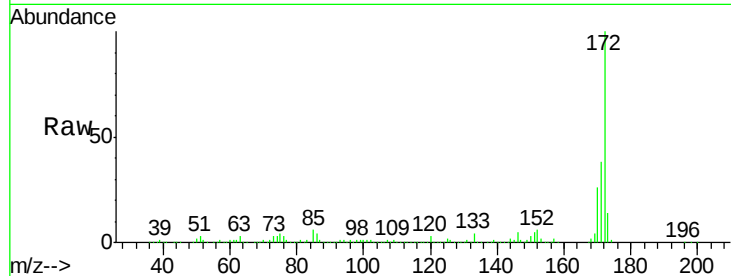


#45
 2-Fluorobiphenyl
 Concen: 80.613 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

Tot Ion:172 Resp: 1064343

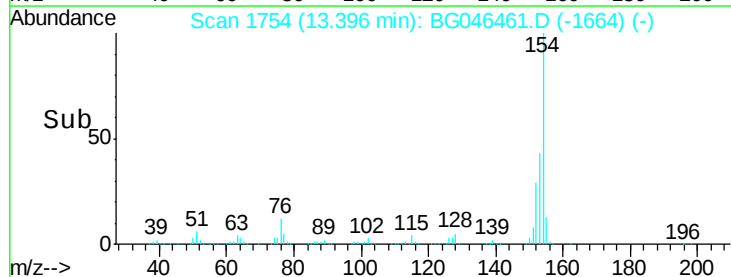
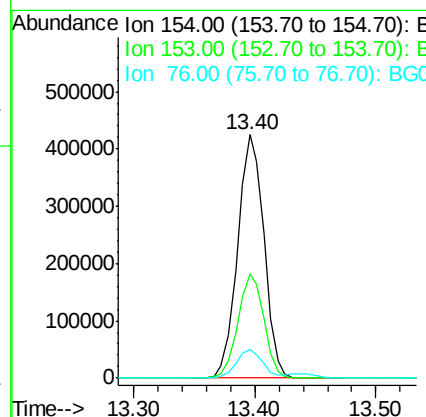
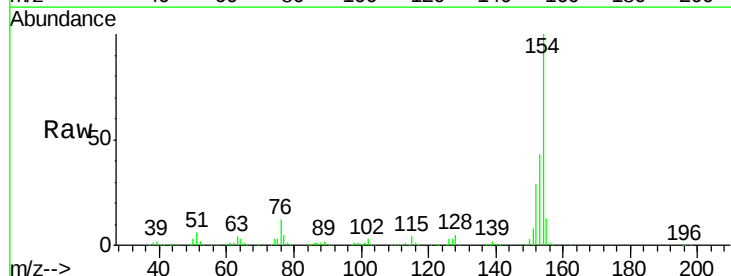
Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.8	47.6
170	25.6	20.3	30.5

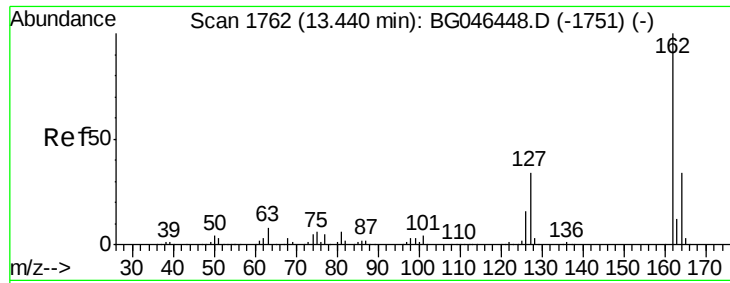


#46
 1,1'-Biphenyl
 Concen: 45.861 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion:154 Resp: 643107

Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.0	62.0
76	11.8	0.0	32.3

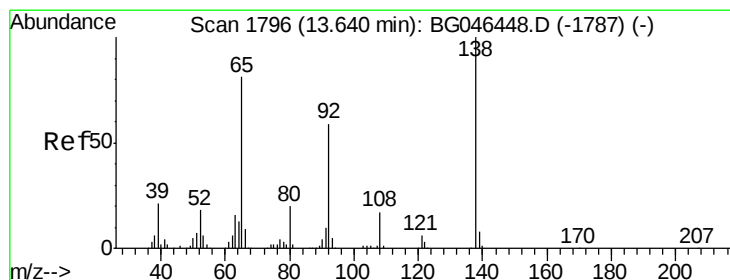
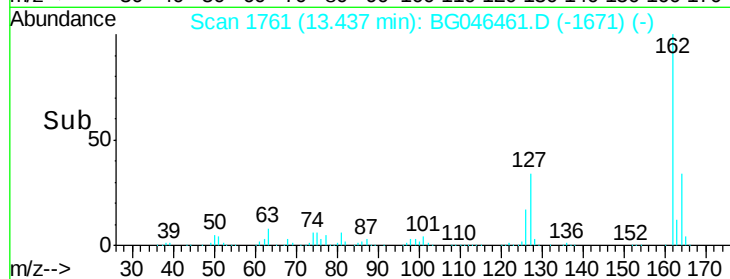
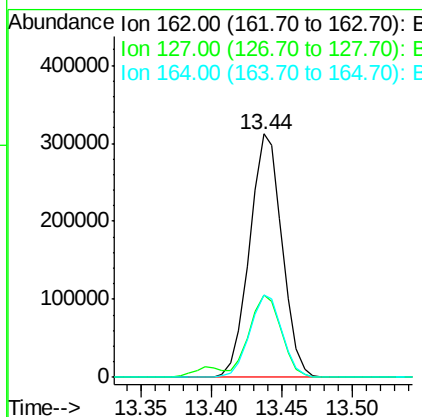
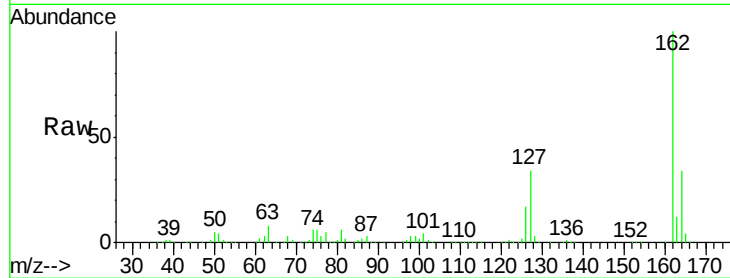




#47
2-Chloronaphthalene
Concen: 42.303 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

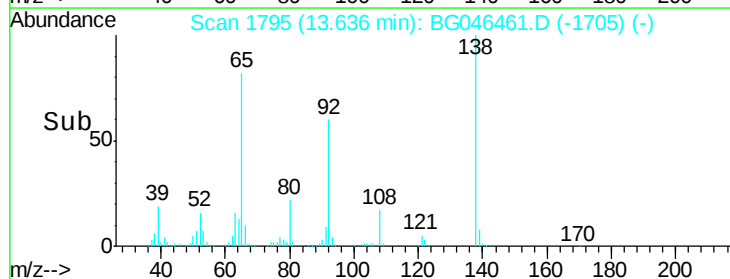
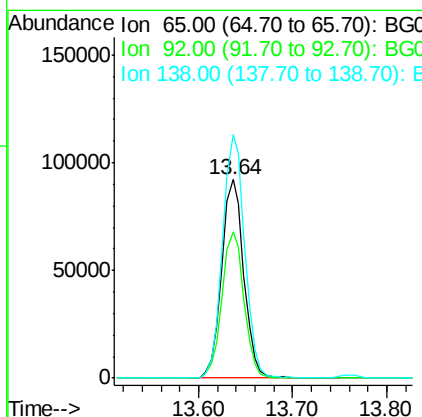
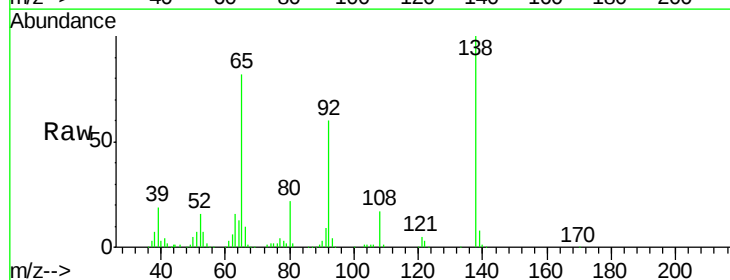
Instrument :
BNA_G
ClientSampleId :
RO-10MSD

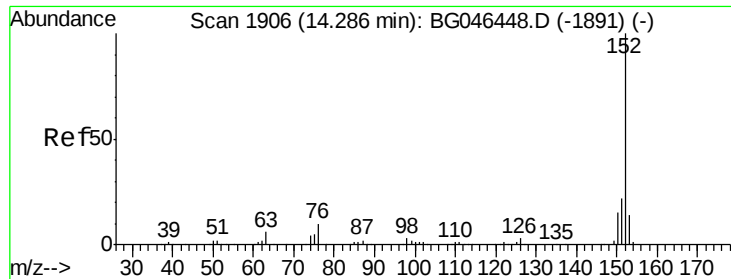
Tot Ion:162 Resp: 502968
Ion Ratio Lower Upper
162 100
127 33.7 27.6 41.4
164 33.6 27.3 40.9



#48
2-Nitroaniline
Concen: 46.009 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion: 65 Resp: 151895
Ion Ratio Lower Upper
65 100
92 73.5 58.5 87.7
138 122.6 98.4 147.6





#49

Acenaphthylene

Concen: 46.391 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

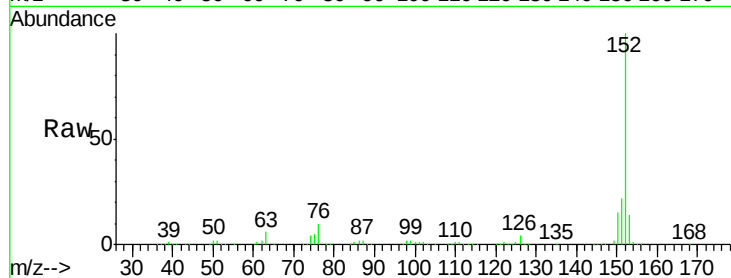
Tot Ion:152 Resp: 836683

Ion Ratio Lower Upper

152 100

151 21.9 17.7 26.5

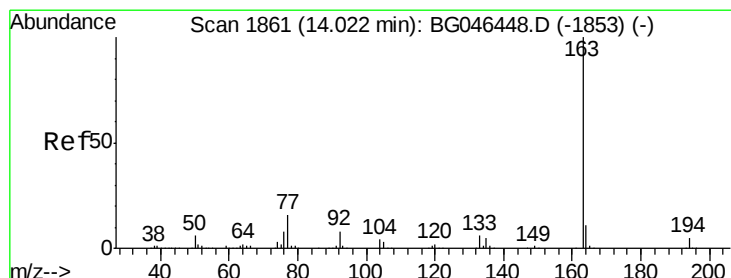
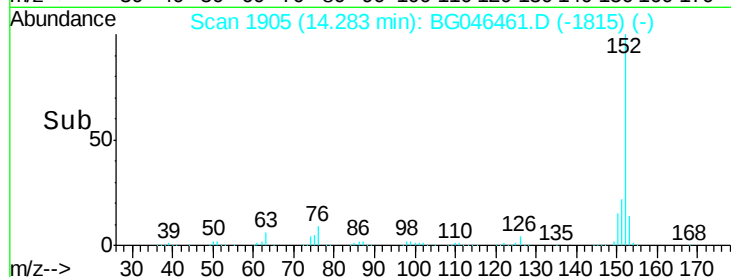
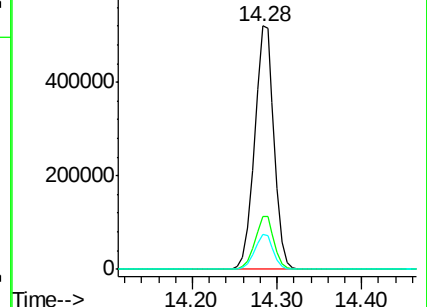
153 14.4 11.2 16.8



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: 45.555 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

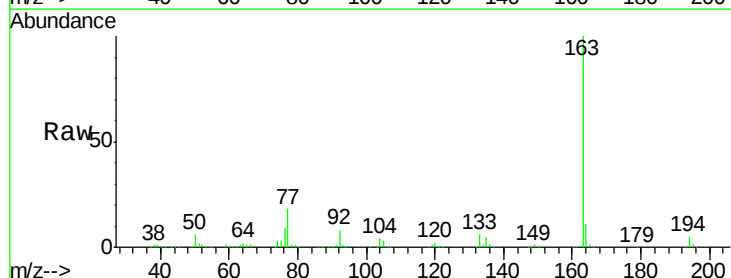
Tgt Ion:163 Resp: 710346

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

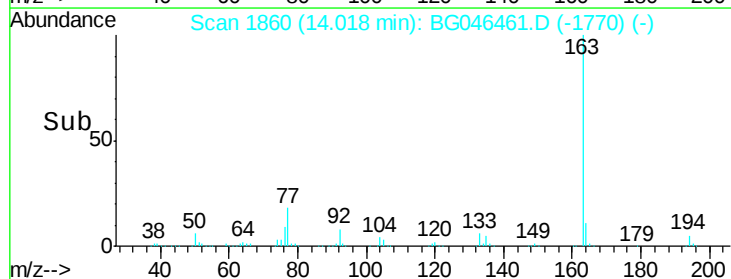
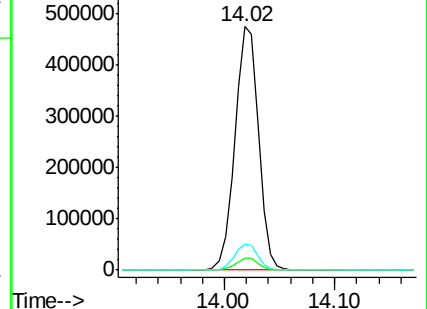
164 10.7 8.6 12.8

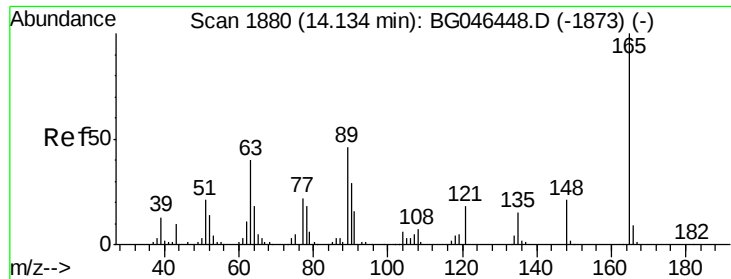


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.255 ng

RT: 14.14 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

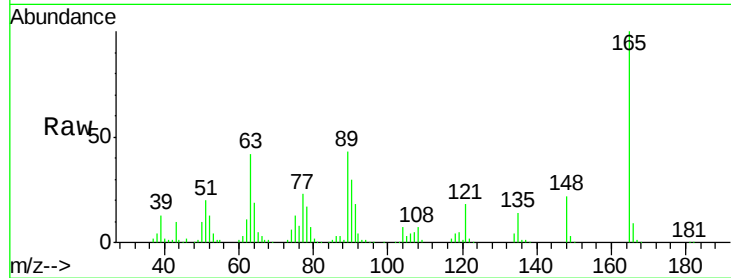
Tot Ion:165 Resp: 165865

Ion Ratio Lower Upper

165 100

63 41.7 34.2 51.4

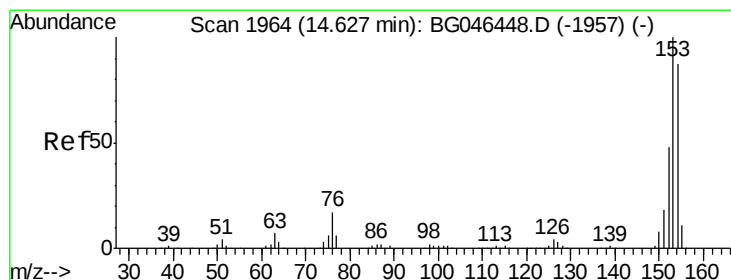
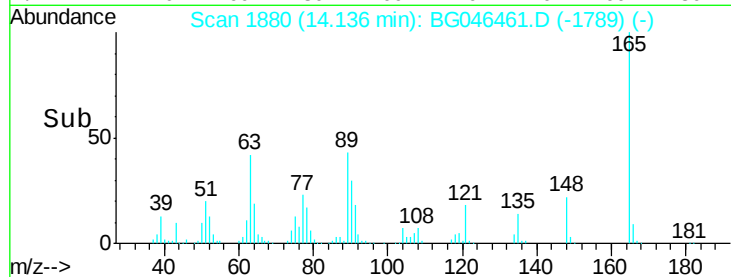
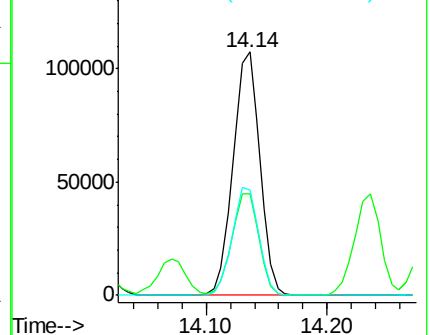
89 43.2 37.0 55.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 44.786 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

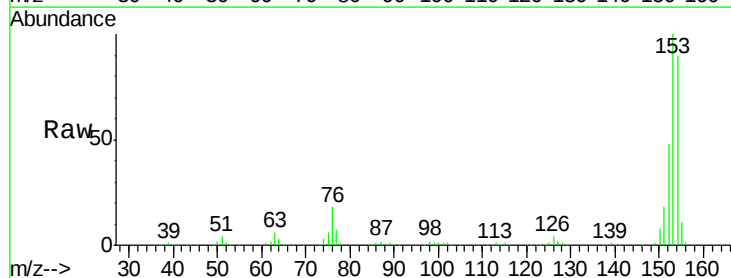
Tgt Ion:154 Resp: 500537

Ion Ratio Lower Upper

154 100

153 111.2 91.9 137.9

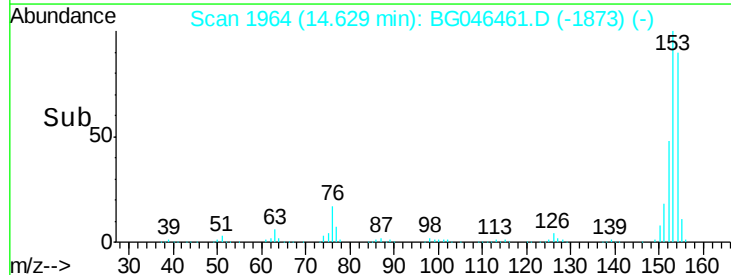
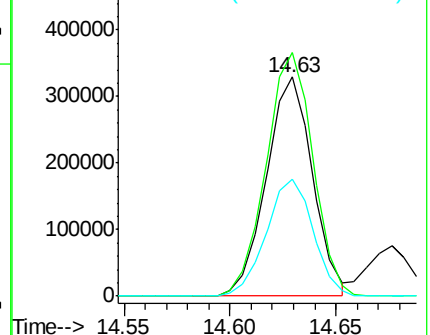
152 53.4 43.8 65.6

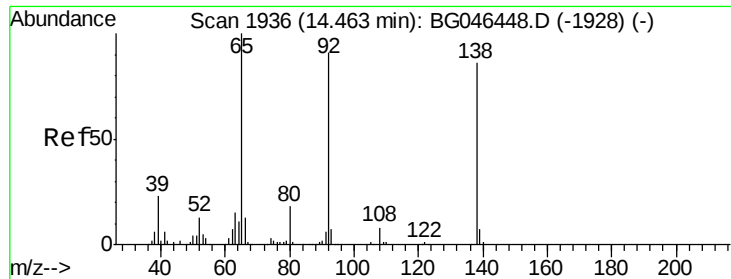


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.259 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

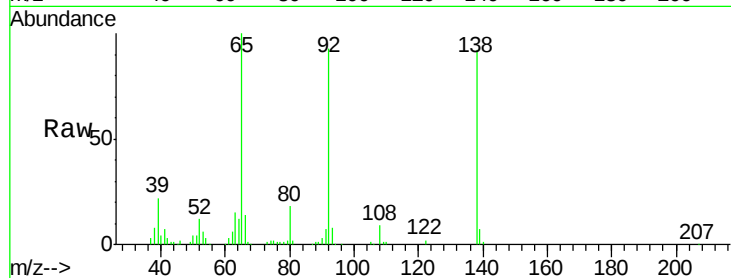
Tot Ion:138 Resp: 82876

Ion Ratio Lower Upper

138 100

108 9.4 7.0 10.6

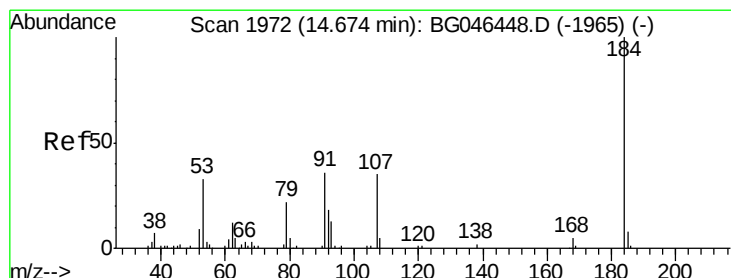
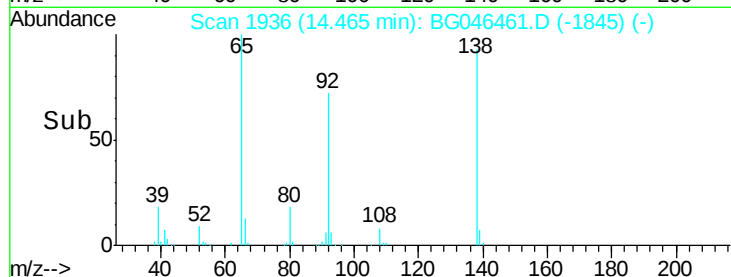
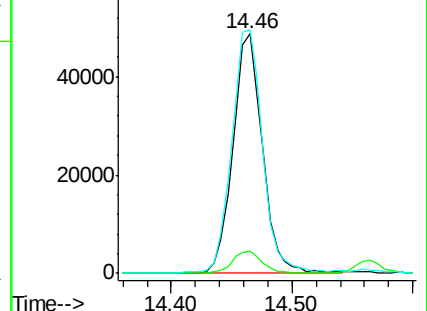
92 101.6 84.6 127.0



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: 109.395 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

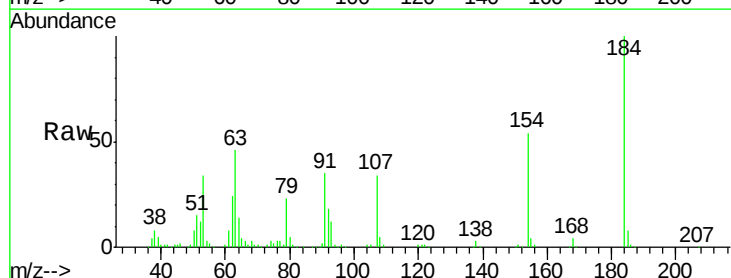
Tgt Ion:184 Resp: 219486

Ion Ratio Lower Upper

184 100

63 45.8 35.6 53.4

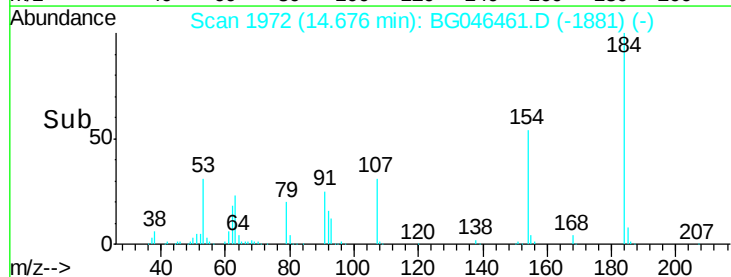
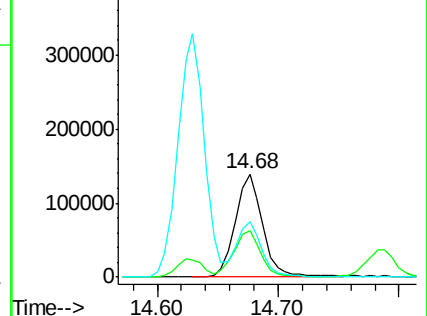
154 54.4 44.3 66.5

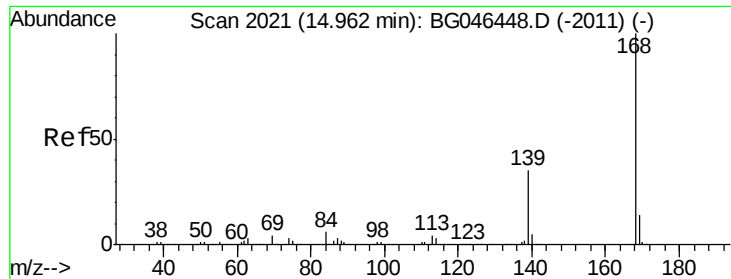


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

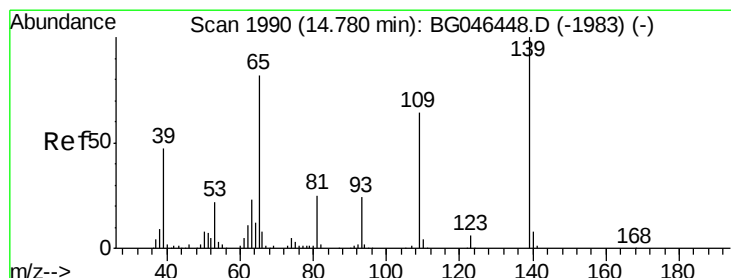
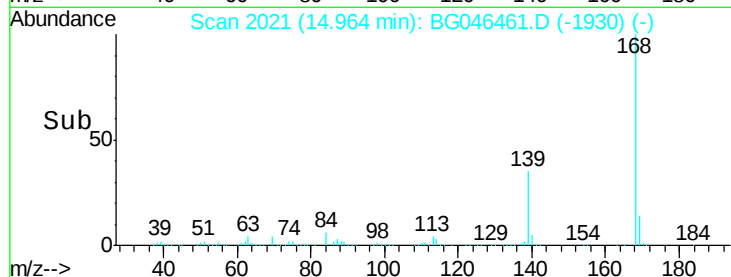
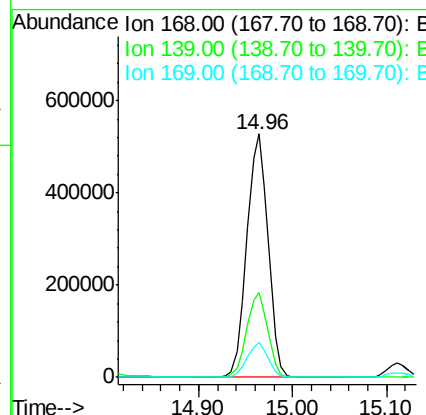
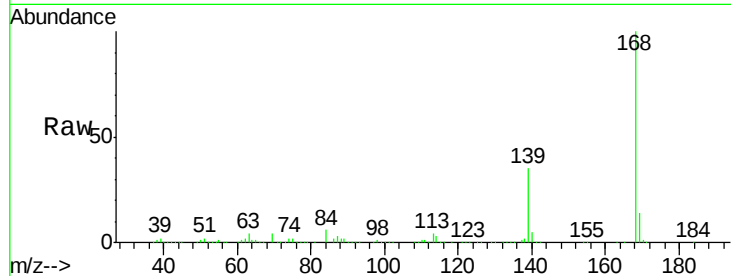




#55
Dibenzofuran
Concen: 45.760 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

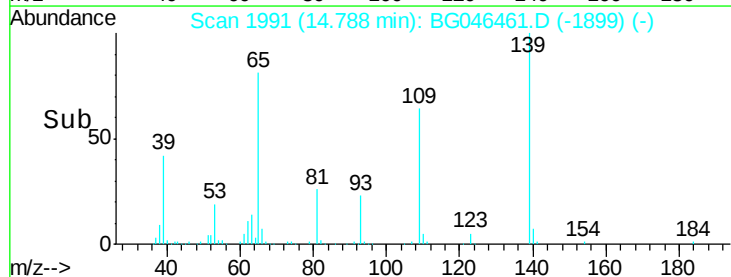
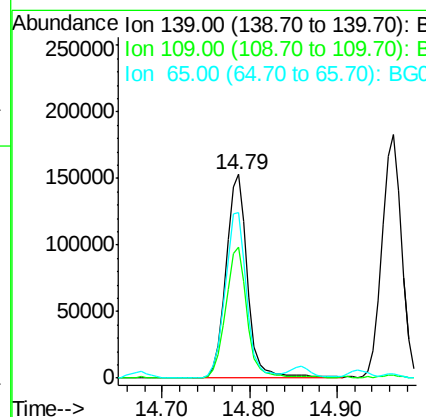
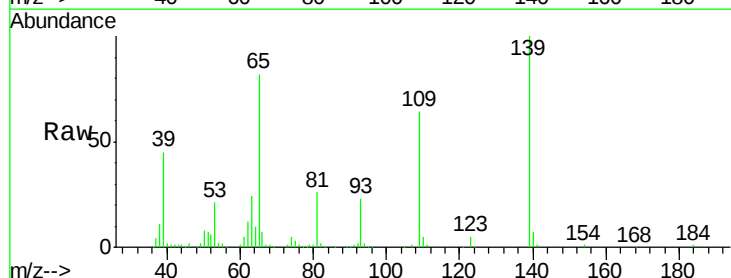
Instrument :
BNA_G
ClientSampleId :
RO-10MSD

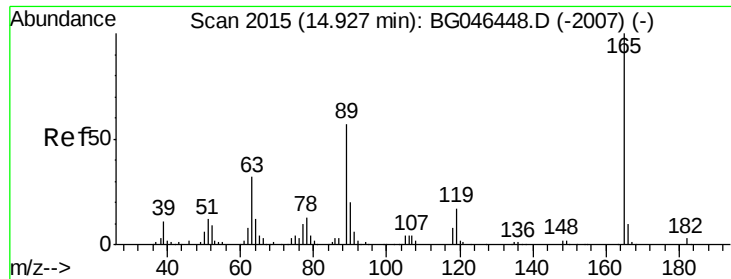
Tot Ion:168 Resp: 820759
Ion Ratio Lower Upper
168 100
139 34.7 28.1 42.1
169 14.3 11.5 17.3



#56
4-Nitrophenol
Concen: 95.466 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:139 Resp: 261594
Ion Ratio Lower Upper
139 100
109 64.2 44.3 84.3
65 81.5 61.5 101.5

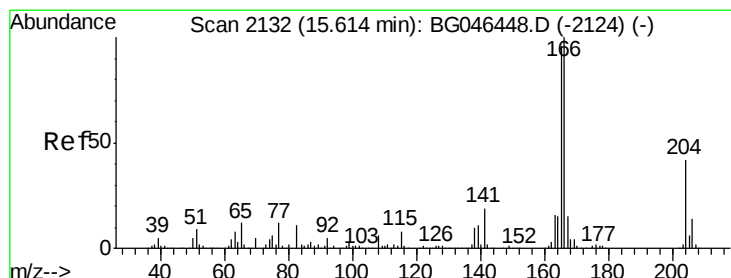
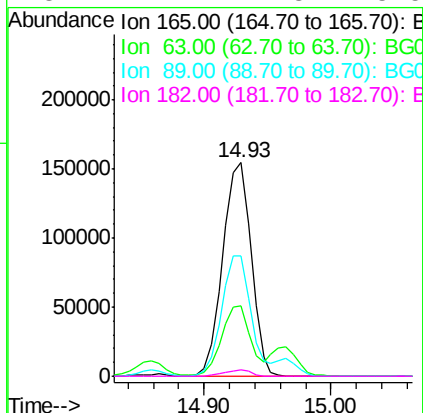
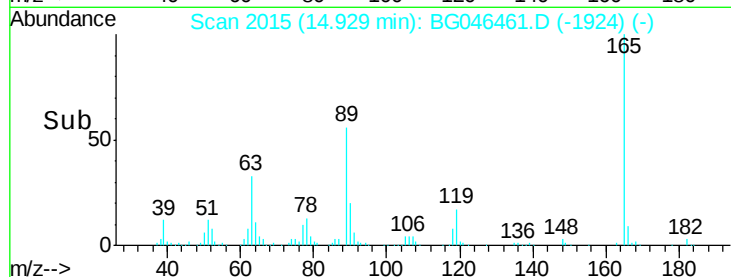
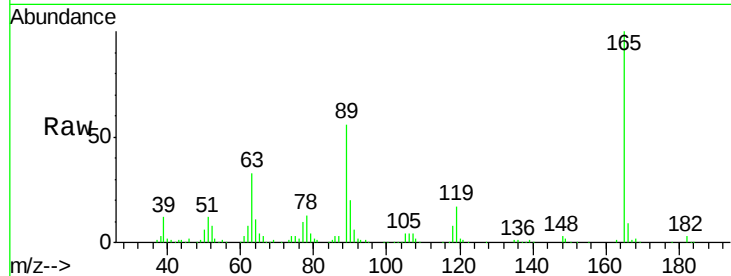




#57
2,4-Dinitrotoluene
Concen: 49.103 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

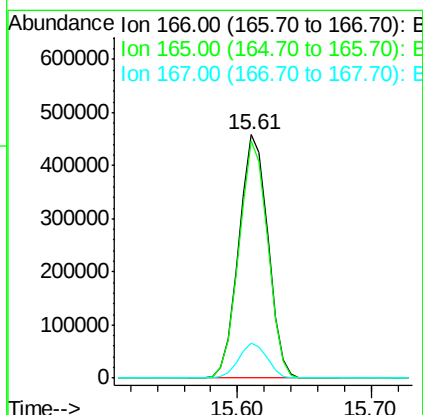
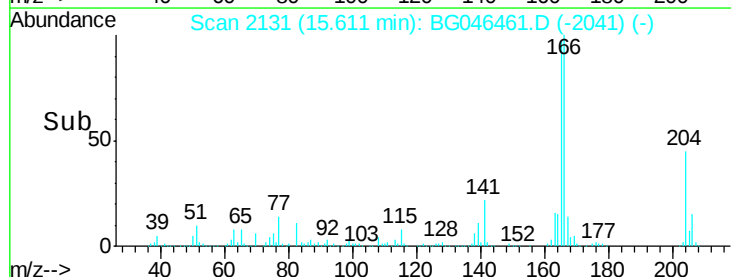
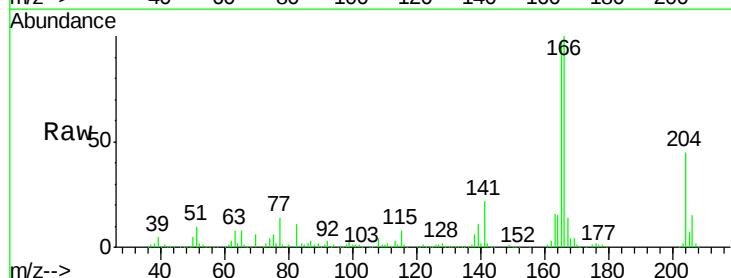
Instrument :
BNA_G
ClientSampleId :
RO-10MSD

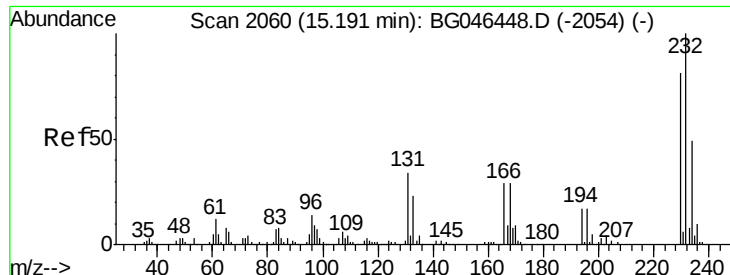
Tot Ion:165	Resp:	240660
Ion	Ratio	Lower Upper
165	100	
63	32.8	25.4 38.0
89	56.2	45.9 68.9
182	2.7	2.3 3.5



#58
Fluorene
Concen: 45.844 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:166	Resp:	690118
Ion	Ratio	Lower Upper
166	100	
165	97.3	77.0 115.4
167	14.3	11.8 17.6

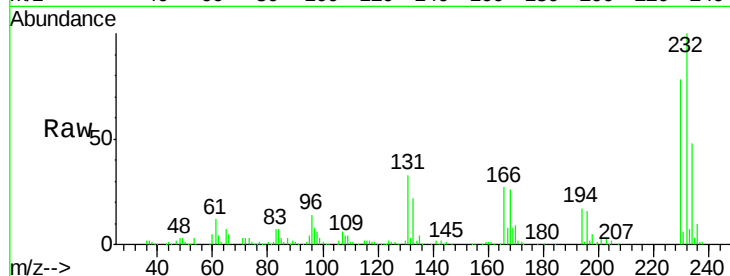




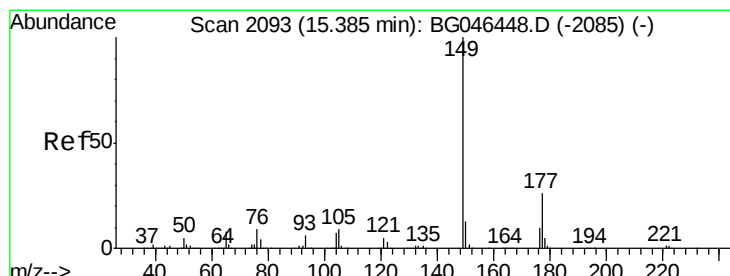
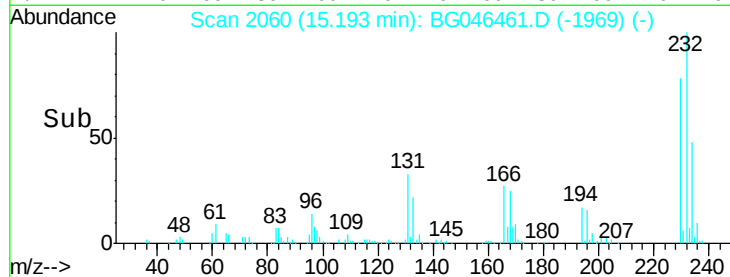
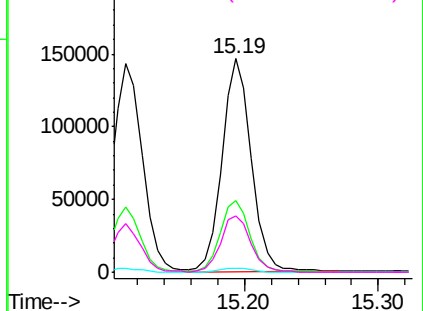
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.885 ng
RT: 15.19 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion:	232	Resp:	223707
Ion	Ratio	Lower	Upper
232	100		
131	34.4	26.8	40.2
130	2.0	1.4	2.2
166	27.0	22.8	34.2

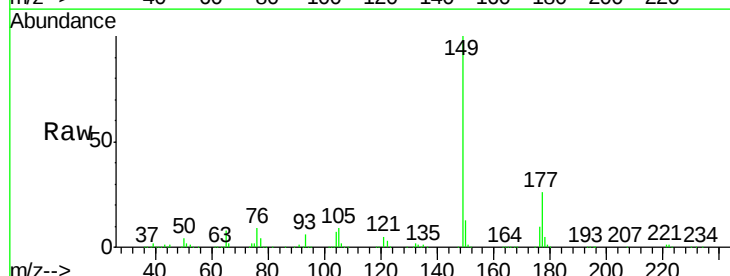


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

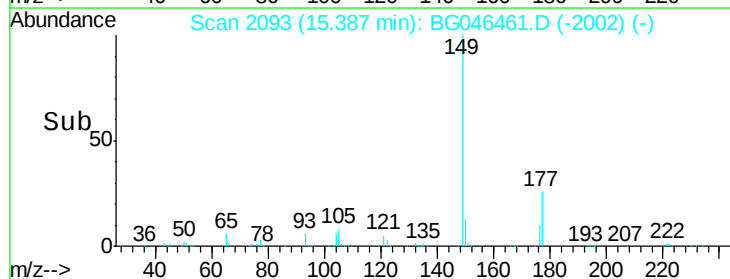
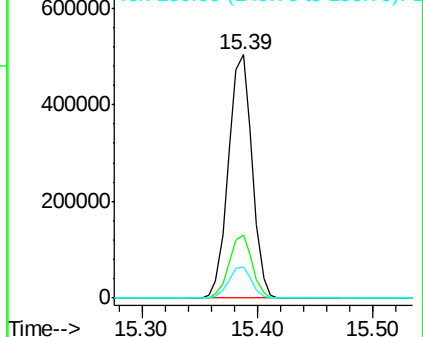


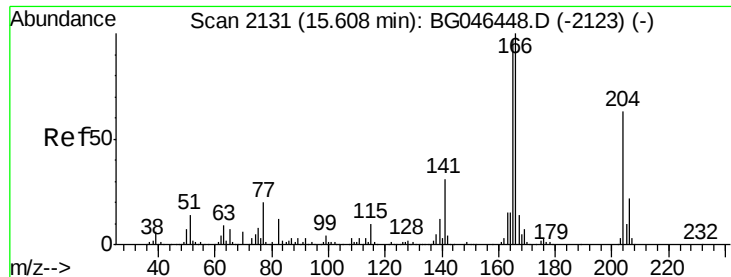
#60
Diethylphthalate
Concen: 46.713 ng
RT: 15.39 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:	149	Resp:	710187
Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.6	30.8
150	12.9	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

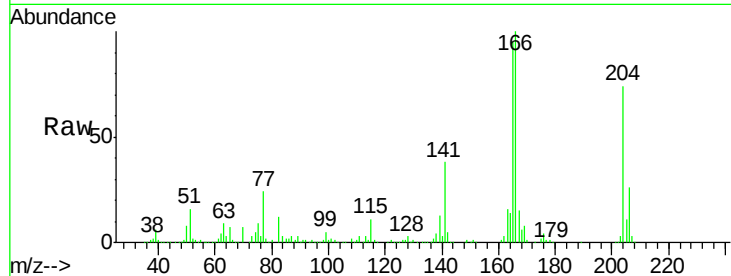




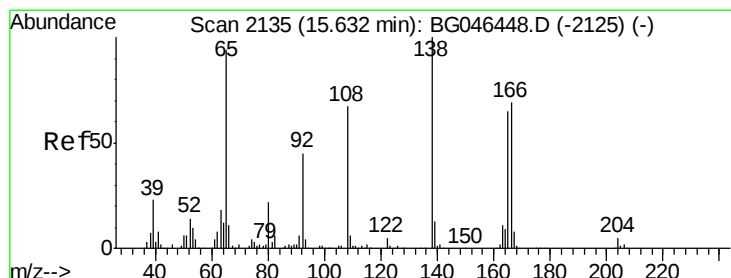
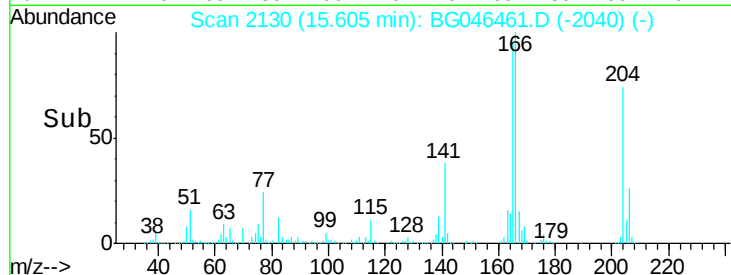
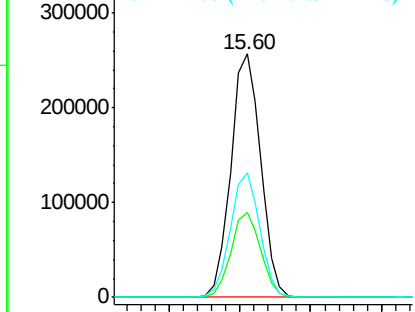
#61
4-Chlorophenyl-phenylether
Concen: 45.367 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion:204 Resp: 376126
Ion Ratio Lower Upper
204 100
206 35.0 27.7 41.5
141 51.2 38.7 58.1

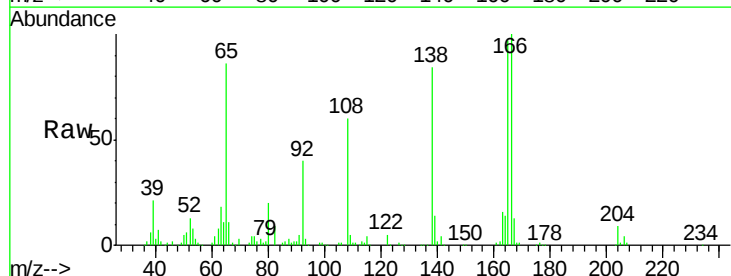


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

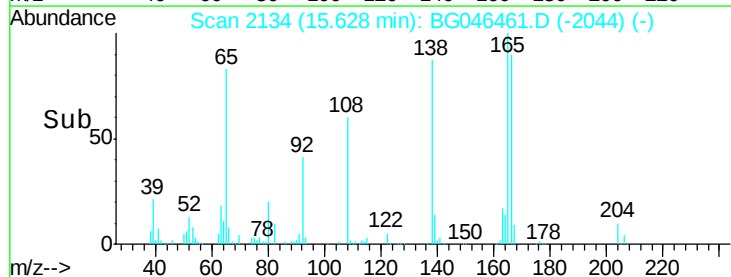
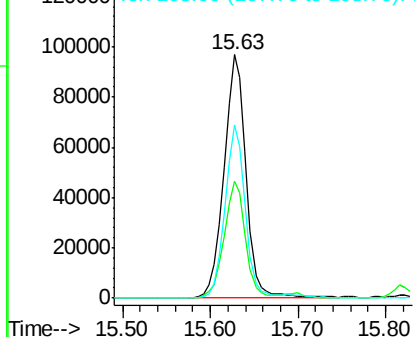


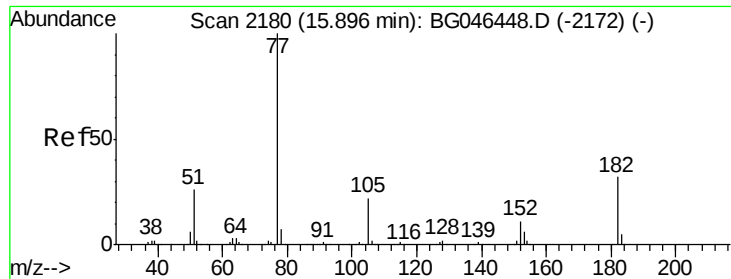
#62
4-Nitroaniline
Concen: 42.986 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:138 Resp: 168874
Ion Ratio Lower Upper
138 100
92 47.8 25.3 65.3
108 71.1 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E

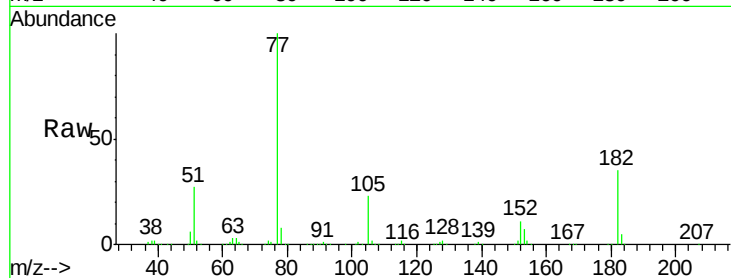




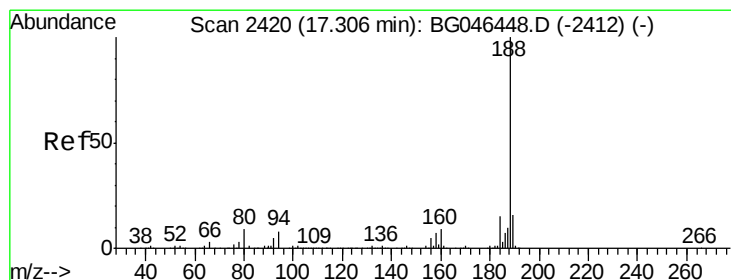
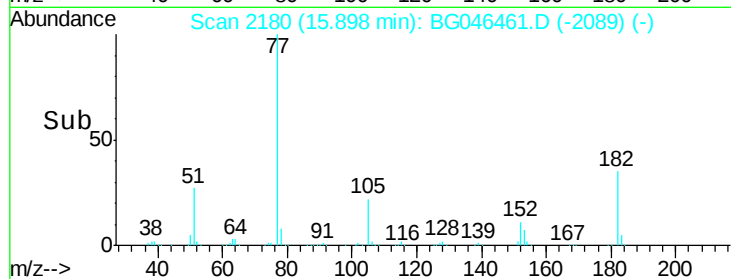
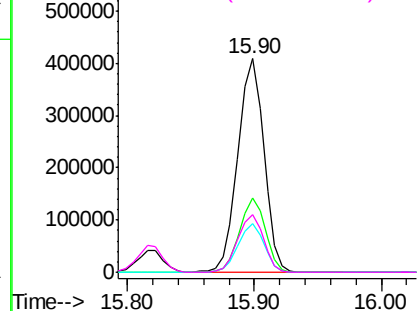
#63
Azobenzene
Concen: 46.927 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.7	12.3	52.3
105	22.7	2.3	42.3
51	27.1	6.5	46.5

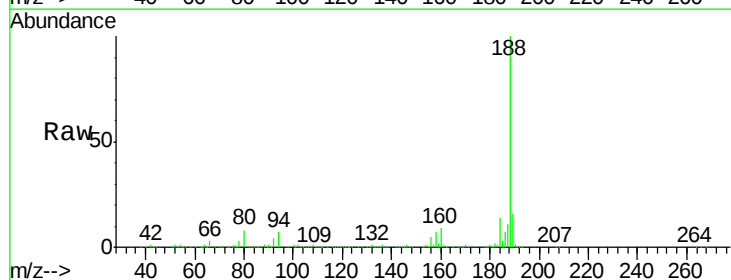


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

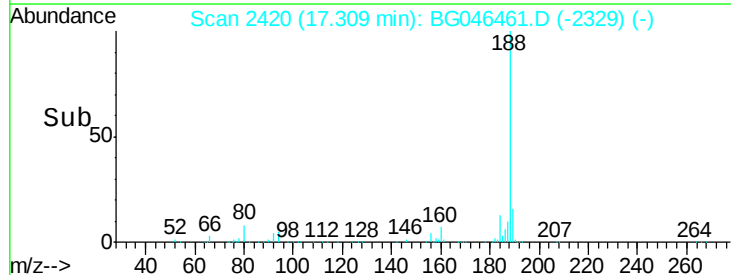
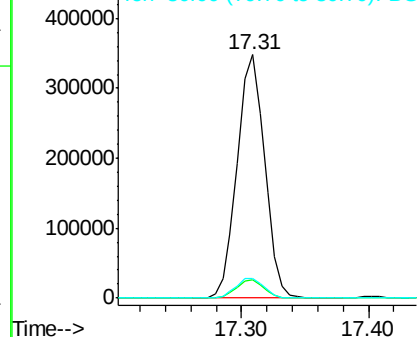


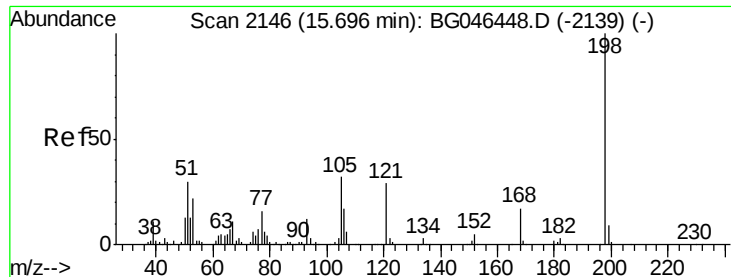
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.0	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: 54.117 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampled :

RO-10MSD

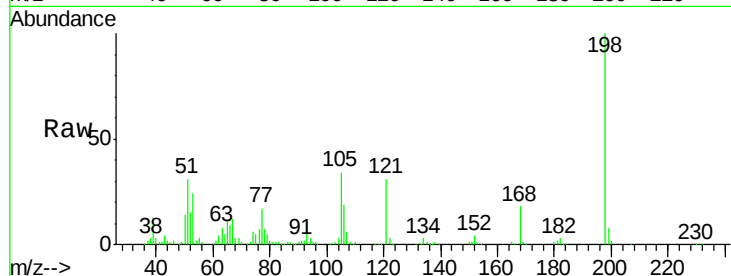
Tot Ion:198 Resp: 160036

Ion Ratio Lower Upper

198 100

51 31.4 10.4 50.4

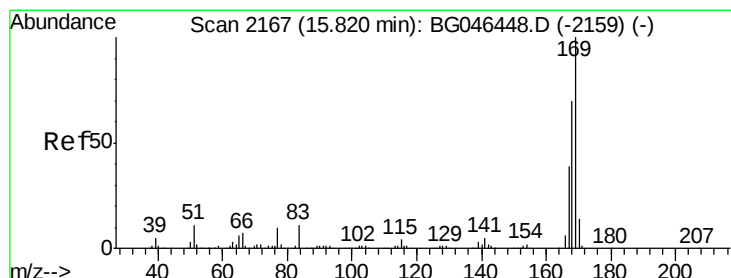
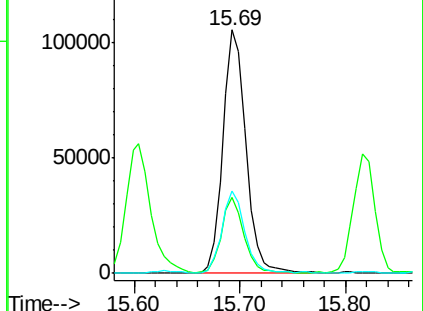
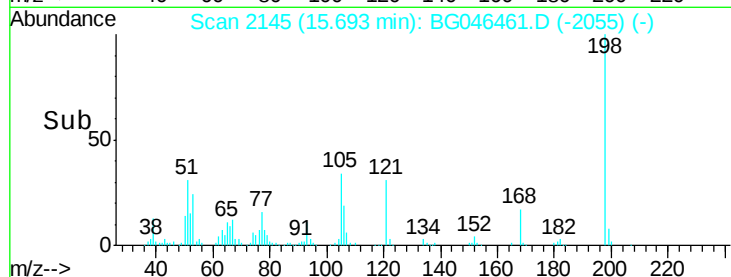
105 33.8 12.4 52.4



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: 45.416 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

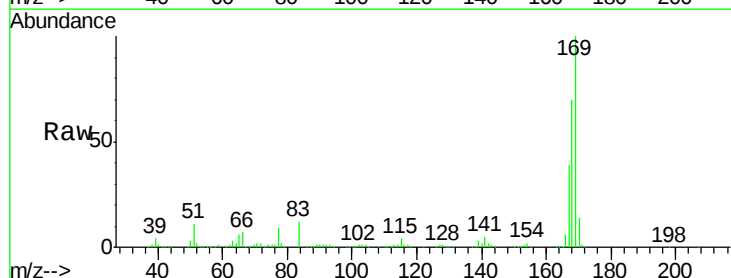
Tgt Ion:169 Resp: 640148

Ion Ratio Lower Upper

169 100

168 69.9 55.8 83.8

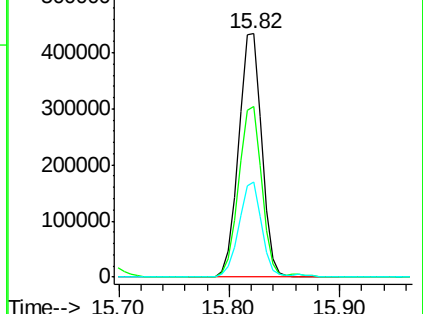
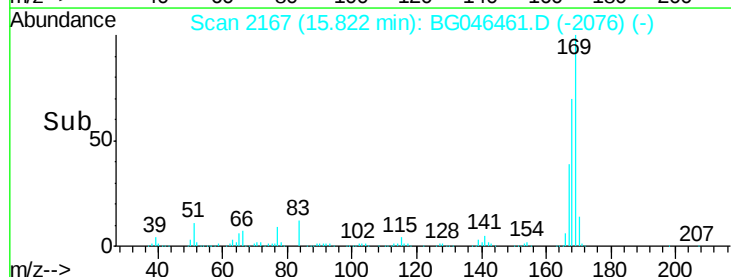
167 39.3 31.0 46.6

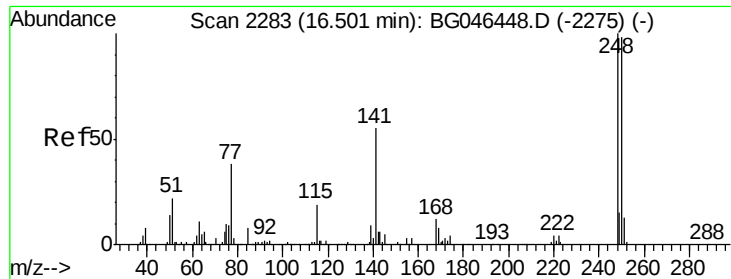


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

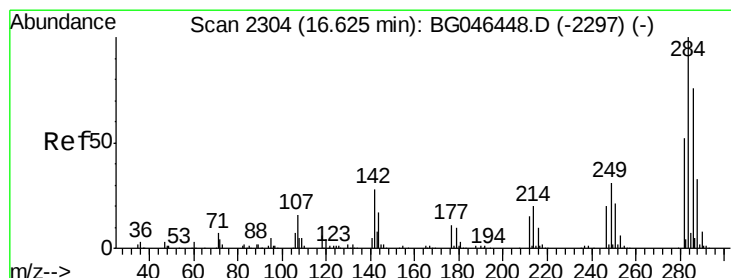
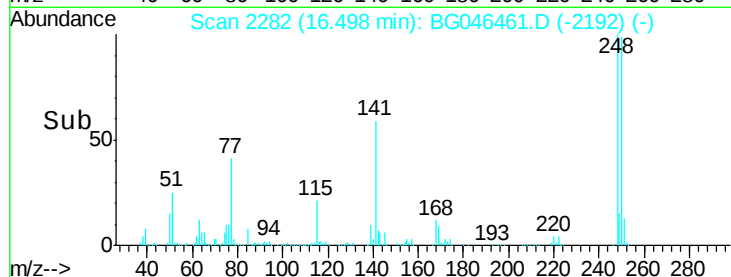
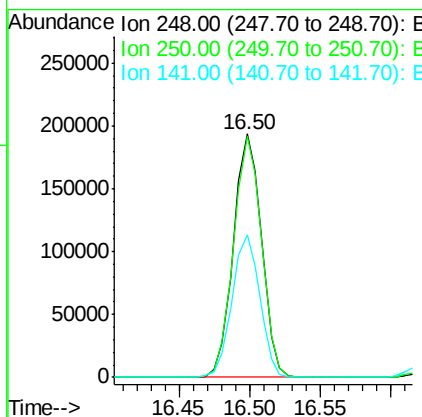
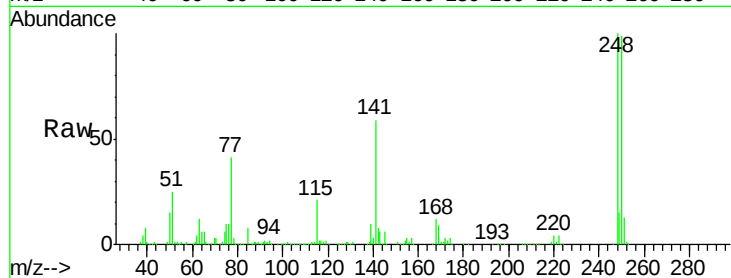




#67
4-Bromophenyl-phenylether
Concen: 43.981 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

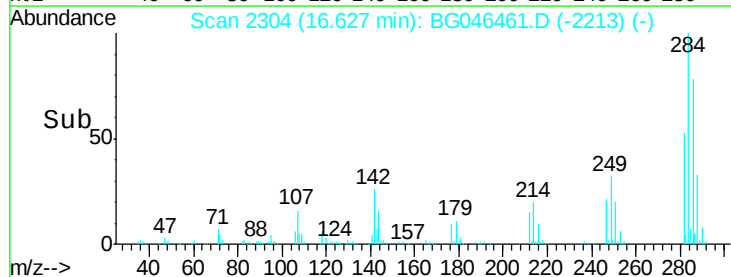
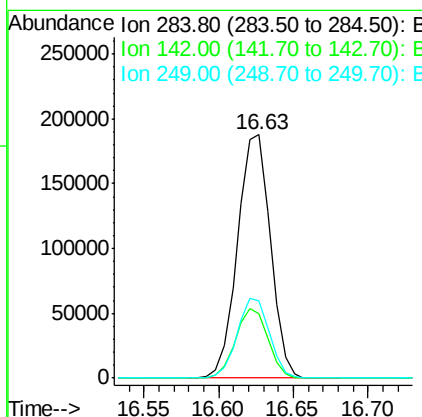
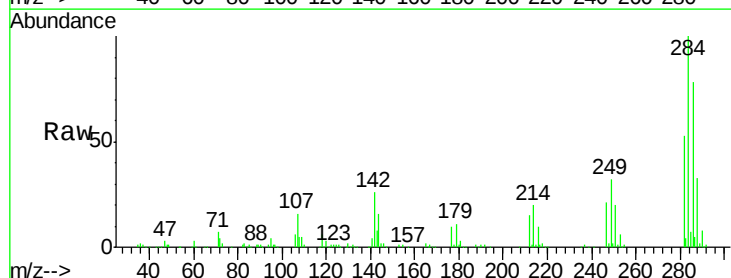
Instrument :
BNA_G
ClientSampleId :
RO-10MSD

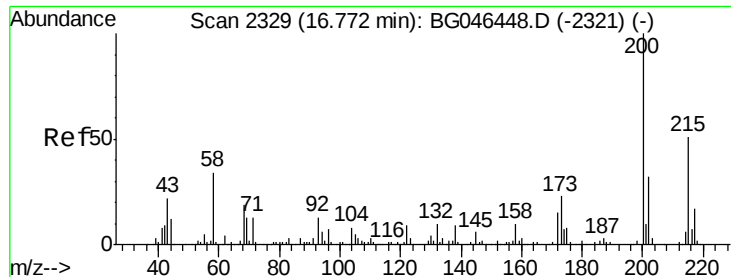
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.6	118.0
141	58.5	43.9	65.9



#68
Hexachlorobenzene
Concen: 42.531 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.4	22.3	33.5
249	31.8	24.8	37.2





#69

Atrazine

Concen: 43.177 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

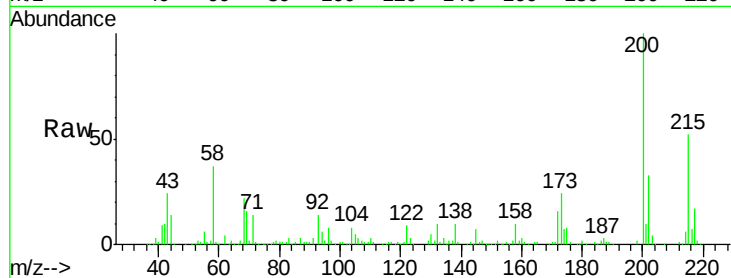
Tot Ion:200 Resp: 248274

Ion Ratio Lower Upper

200 100

173 24.0 3.3 43.3

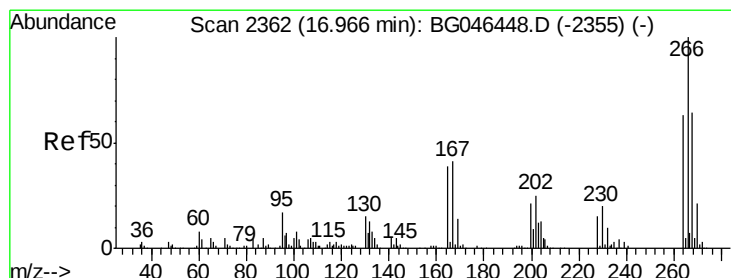
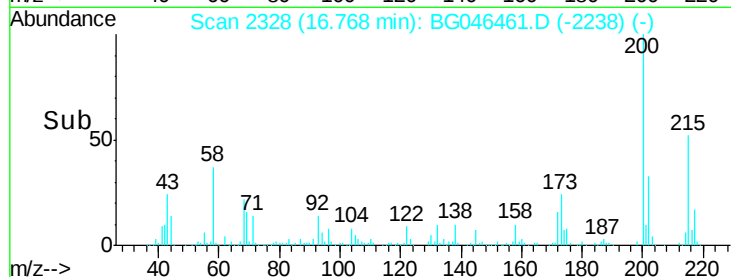
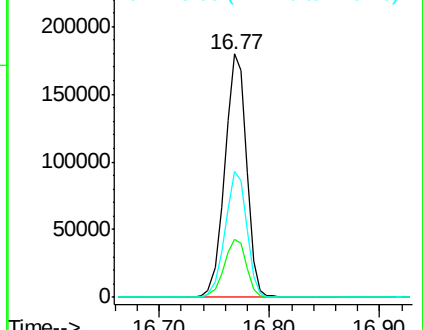
215 51.9 30.9 70.9



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: 104.862 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

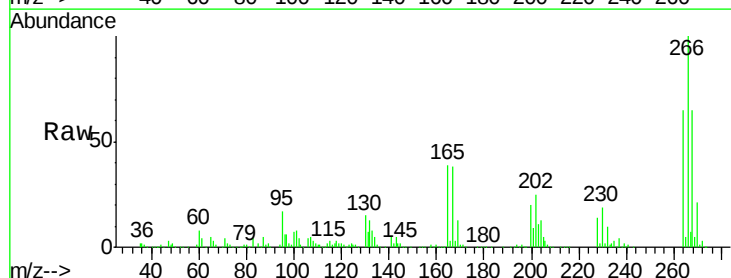
Tgt Ion:266 Resp: 369860

Ion Ratio Lower Upper

266 100

268 65.5 51.1 76.7

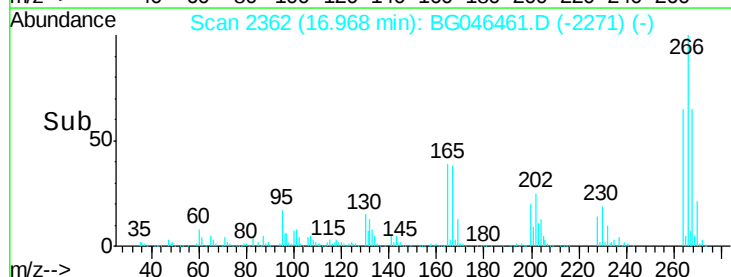
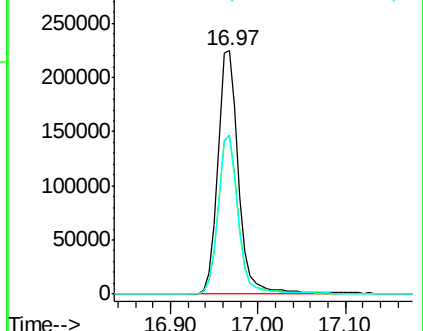
264 64.7 50.2 75.2

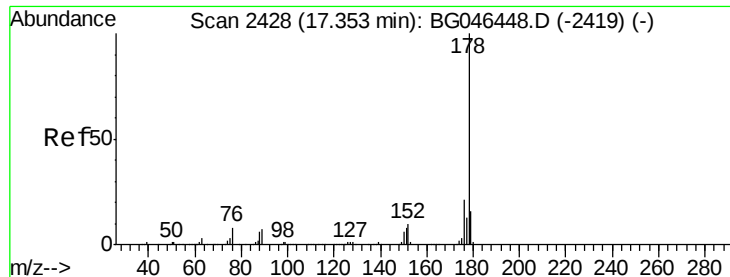


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

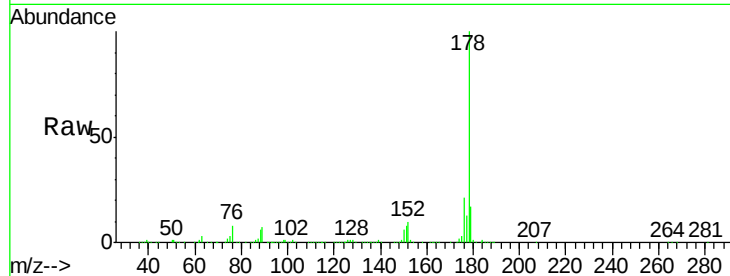




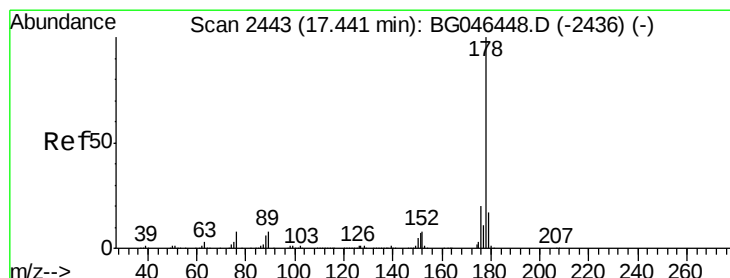
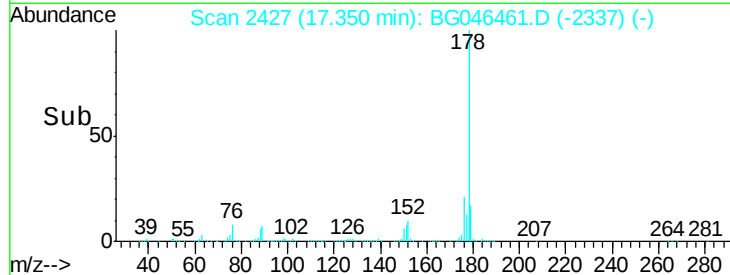
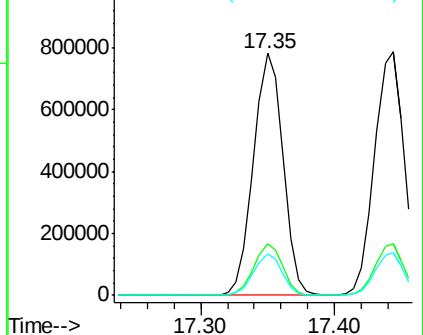
#71
Phenanthrene
Concen: 44.992 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion:178 Resp: 1191504
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 17.3 13.2 19.8

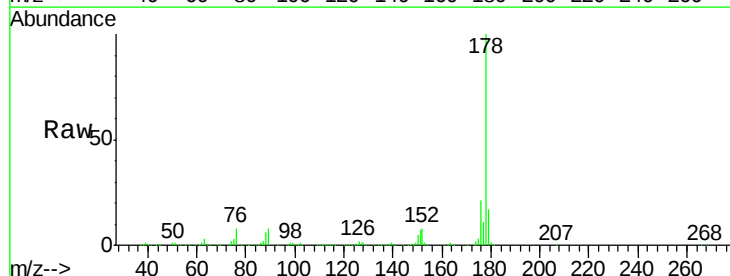


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

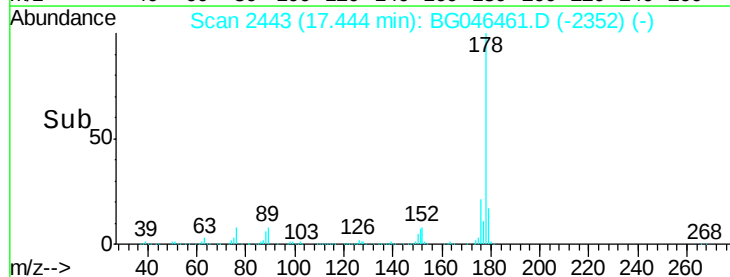
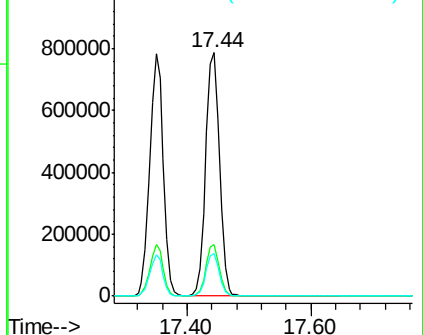


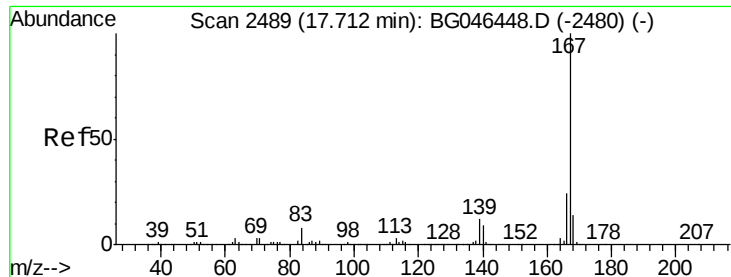
#72
Anthracene
Concen: 46.472 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:178 Resp: 1214260
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 17.3 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

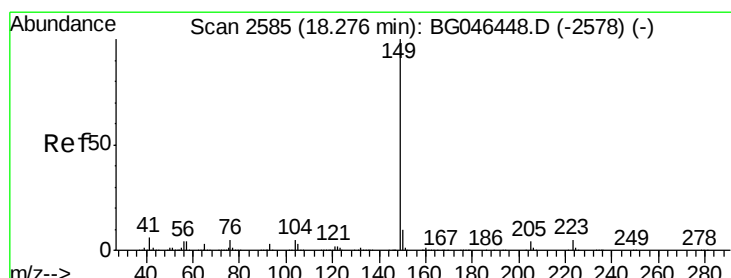
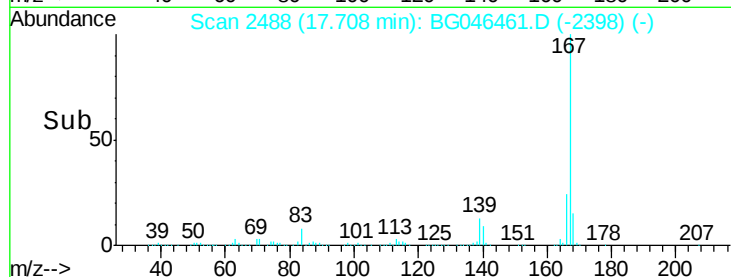
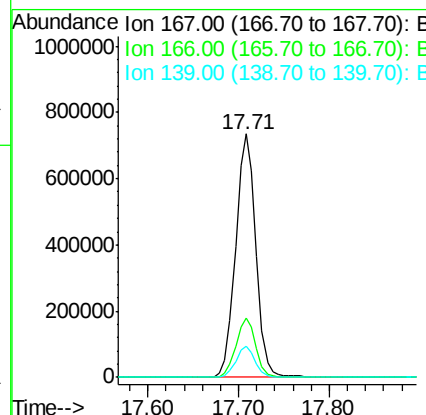
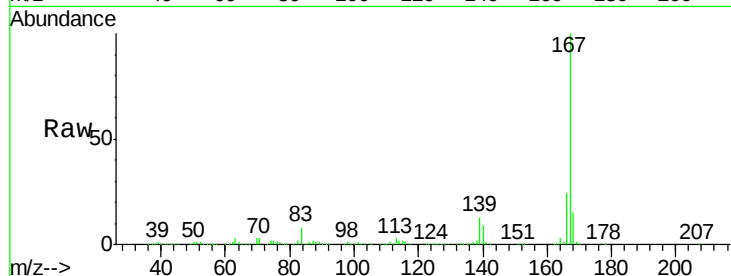




#73
 Carbazole
 Concen: 46.158 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

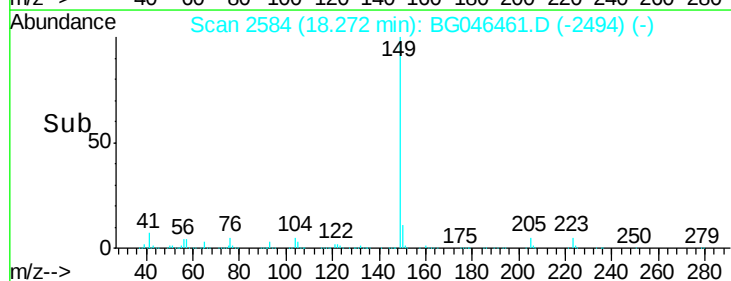
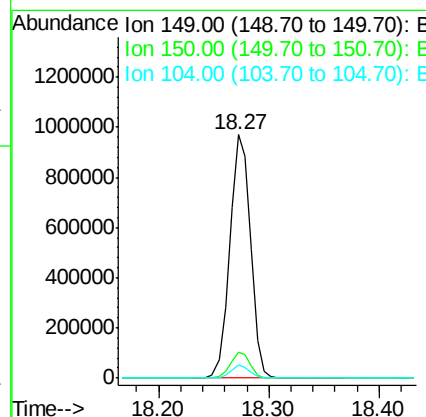
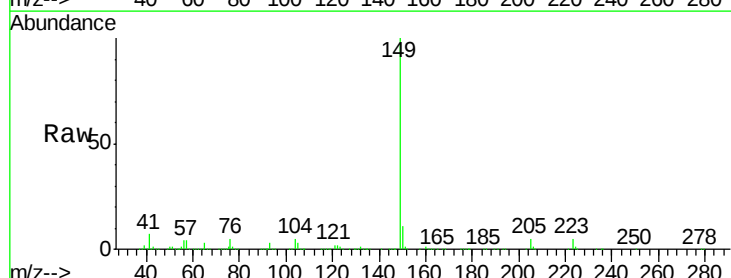
Instrument :
 BNA_G
 ClientSampleId :
 RO-10MSD

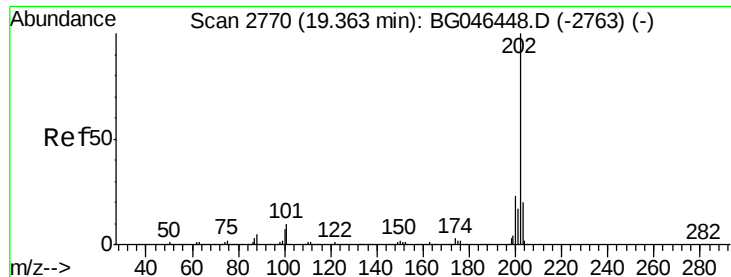
Tot Ion:167 Resp: 1138700
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.3 28.9
 139 12.6 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 44.855 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046461.D
 Acq: 26 Aug 2020 19:52

Tgt Ion:149 Resp: 1272422
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.1 12.1
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 45.573 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

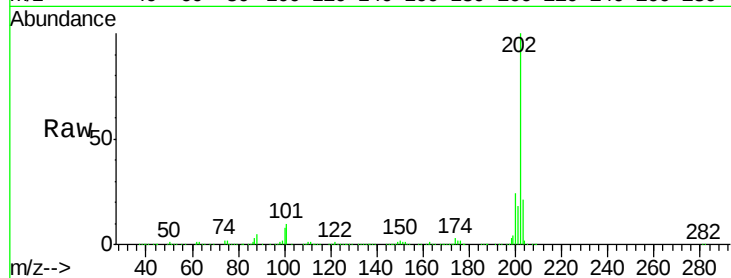
Tot Ion:202 Resp: 1553145

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.9

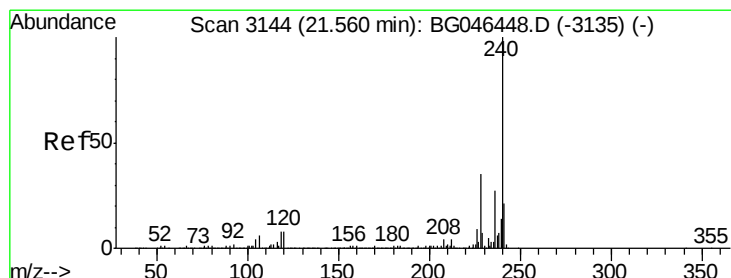
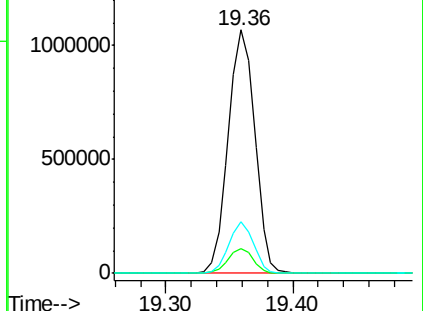
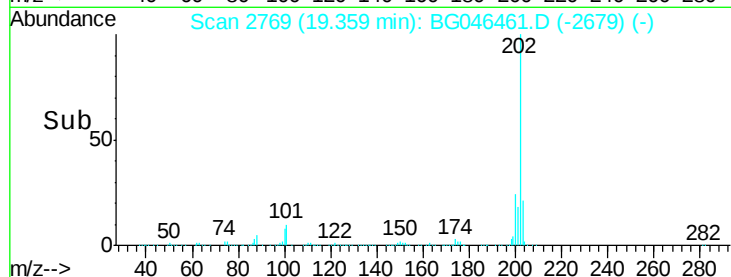
203 21.1 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

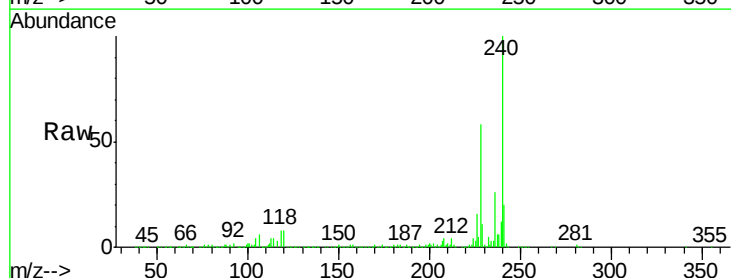
Tgt Ion:240 Resp: 557234

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

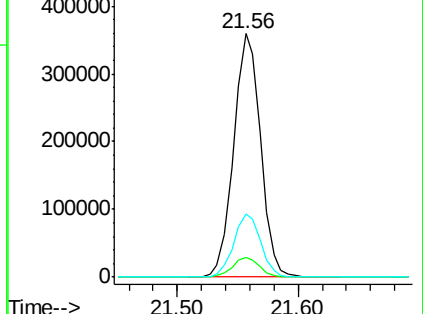
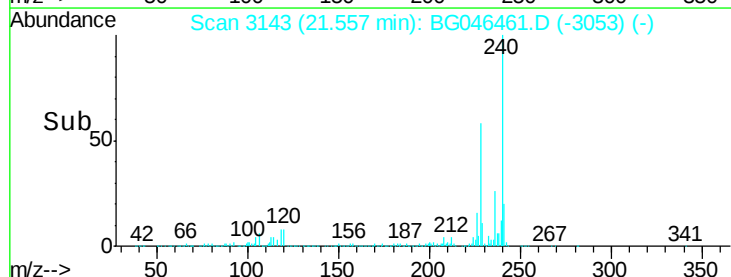
236 25.8 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.894 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

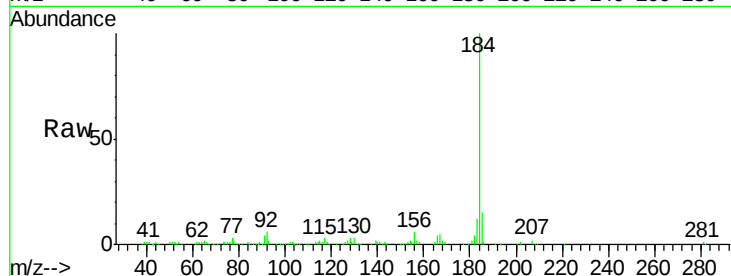
BNA_G

ClientSampleId :

RO-10MSD

Tot Ion:184 Resp: 166959

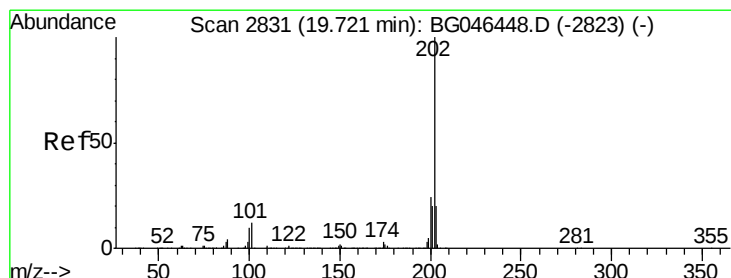
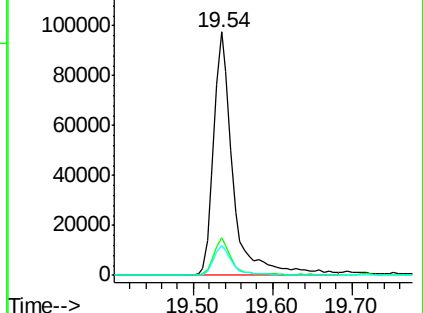
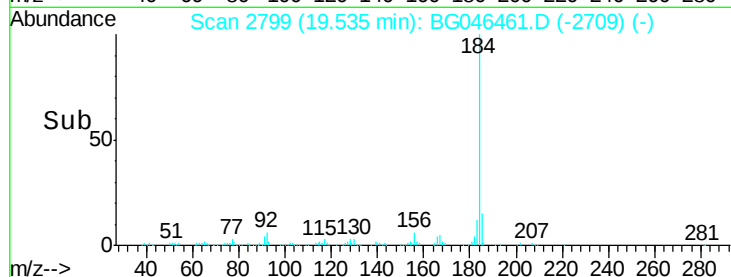
Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	12.2	10.7	16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.276 ng

RT: 19.72 min Scan# 2830

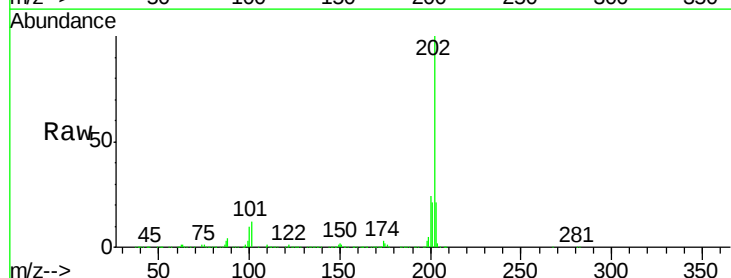
Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:202 Resp: 1571089

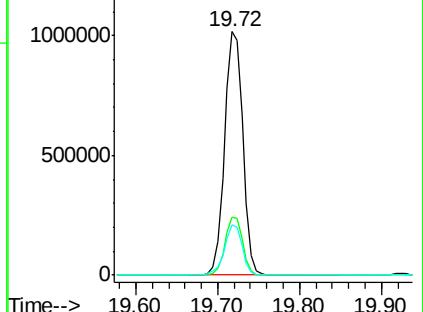
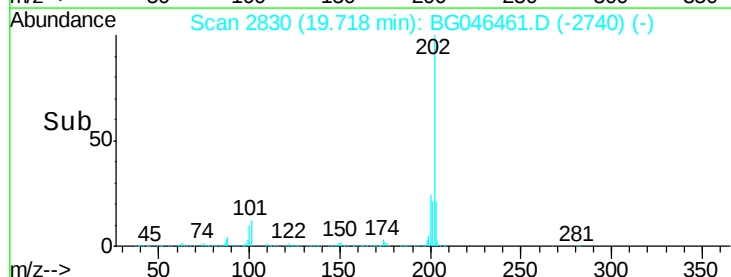
Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.9	28.3
203	20.8	16.1	24.1

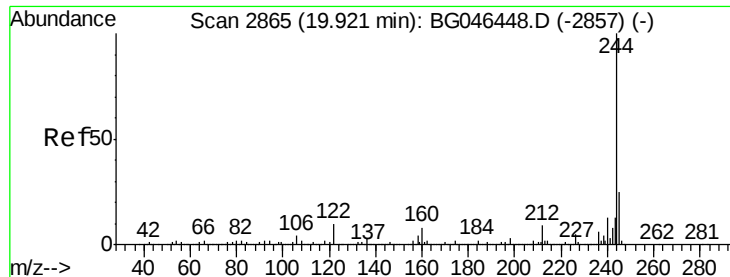


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.922 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

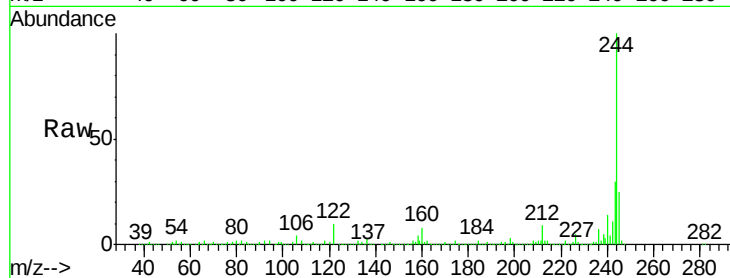
Tot Ion:244 Resp: 1935548

Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

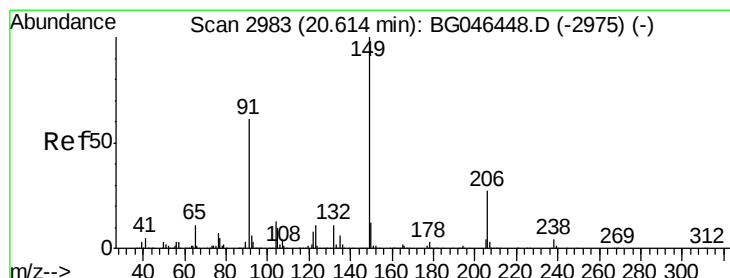
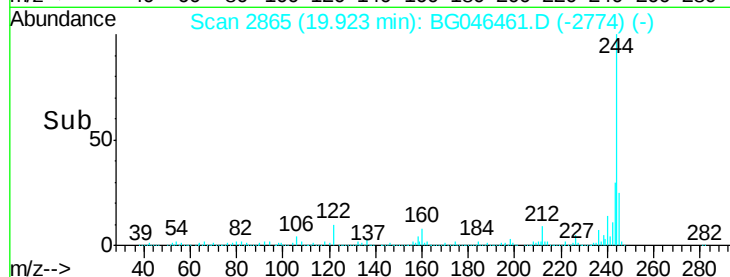
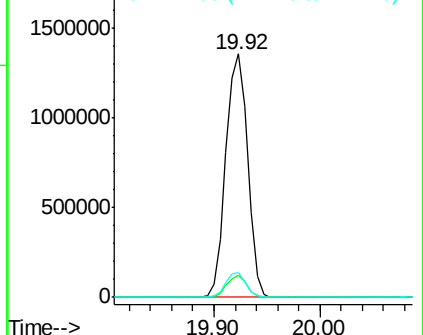
122 10.2 8.2 12.4



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: 44.364 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

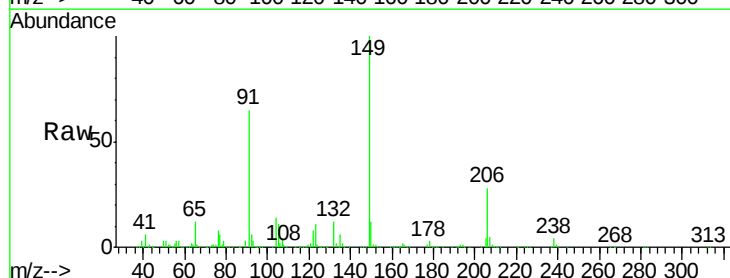
Tgt Ion:149 Resp: 614028

Ion Ratio Lower Upper

149 100

91 65.4 49.1 73.7

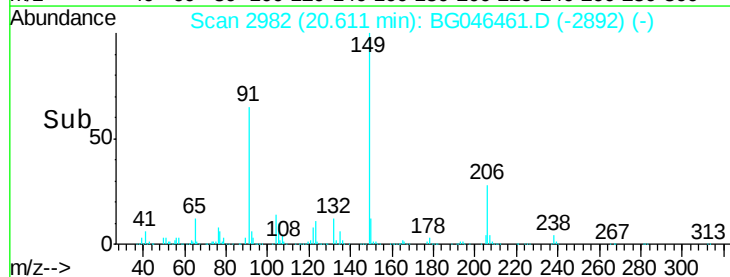
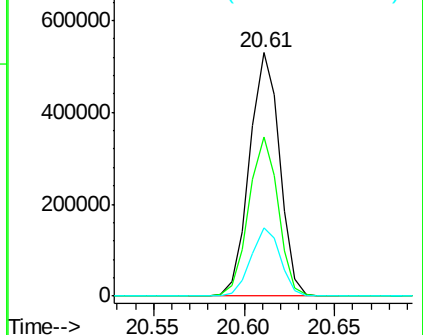
206 28.3 21.9 32.9

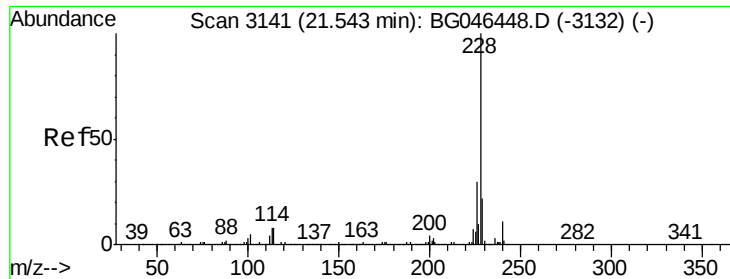


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.156 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

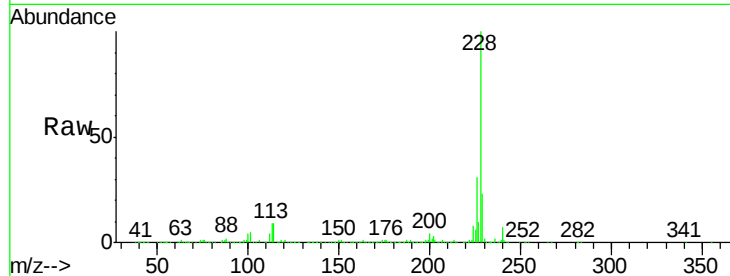
Tot Ion:228 Resp: 1533638

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

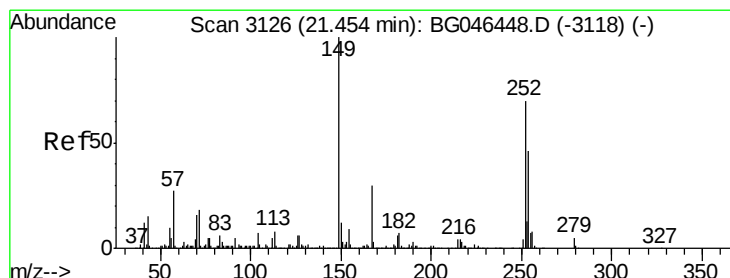
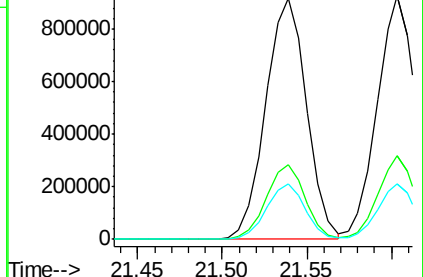
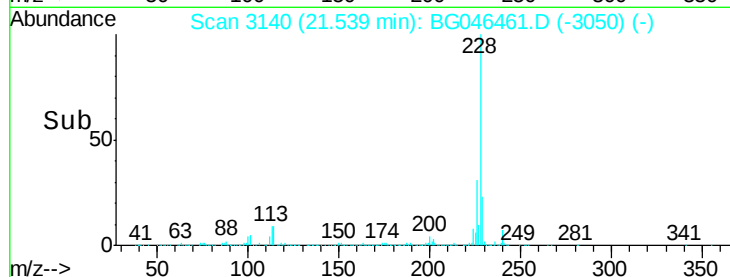
229 23.0 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.982 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

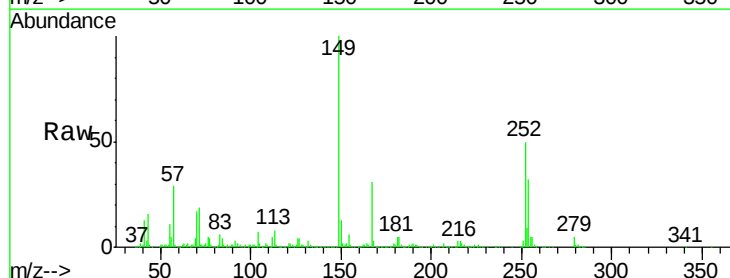
Tgt Ion:252 Resp: 347782

Ion Ratio Lower Upper

252 100

254 65.0 51.9 77.9

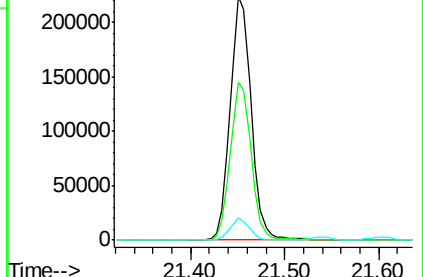
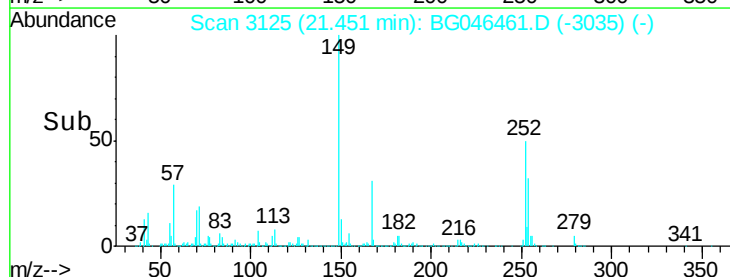
126 8.9 7.4 11.0

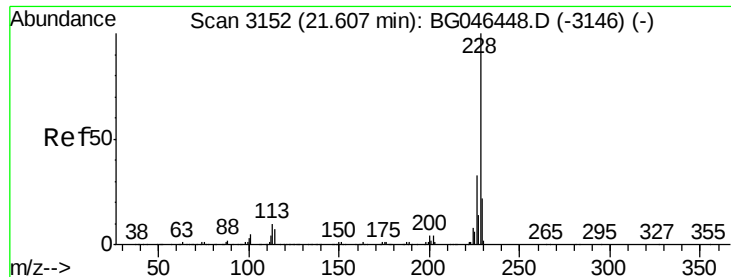


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 44.188 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

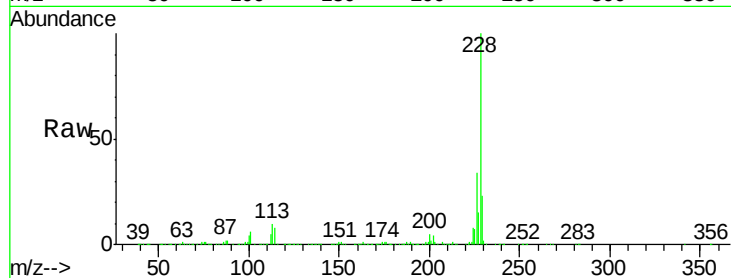
Tot Ion:228 Resp: 1476322

Ion Ratio Lower Upper

228 100

226 34.3 26.2 39.4

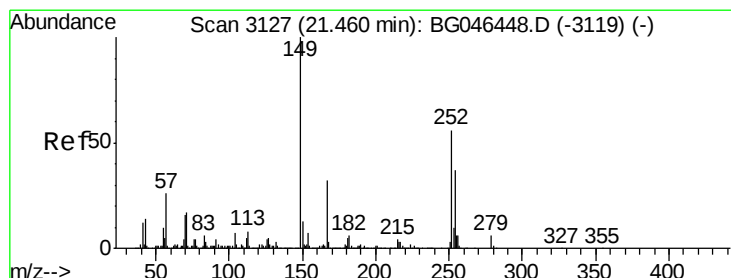
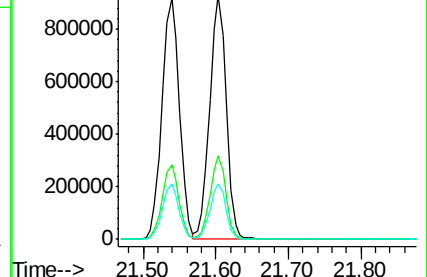
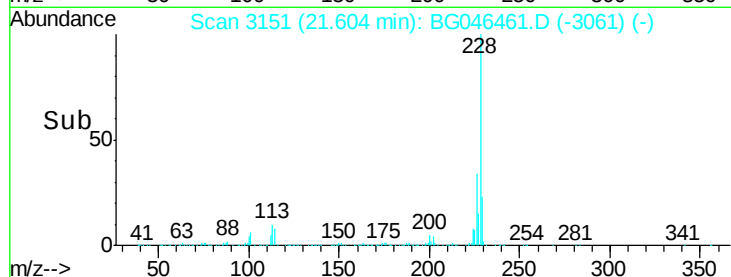
229 22.9 17.9 26.9



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: 45.251 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

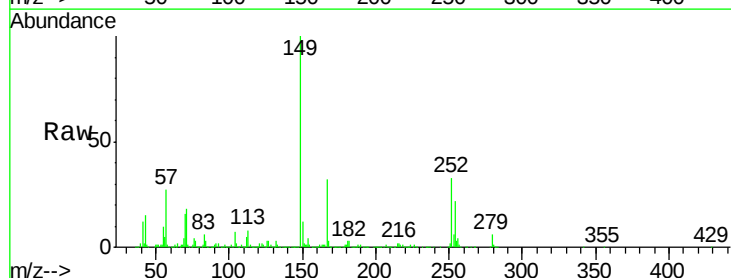
Tgt Ion:149 Resp: 854716

Ion Ratio Lower Upper

149 100

167 31.6 25.4 38.2

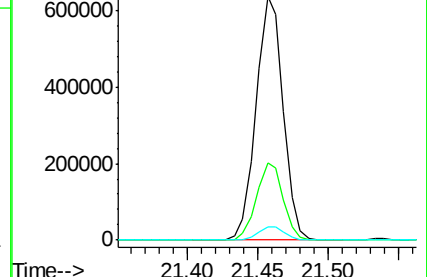
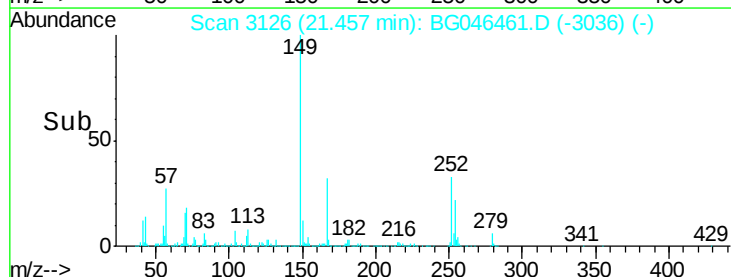
279 5.6 4.5 6.7

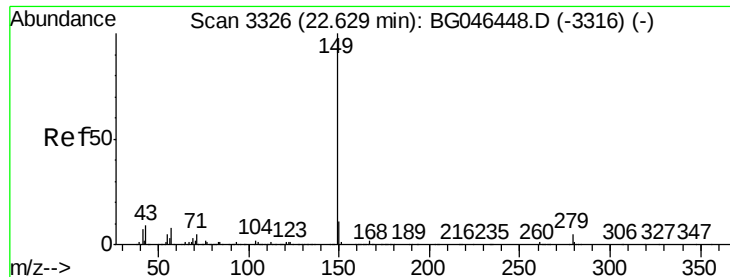


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.636 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

BNA_G

ClientSampleId :

RO-10MSD

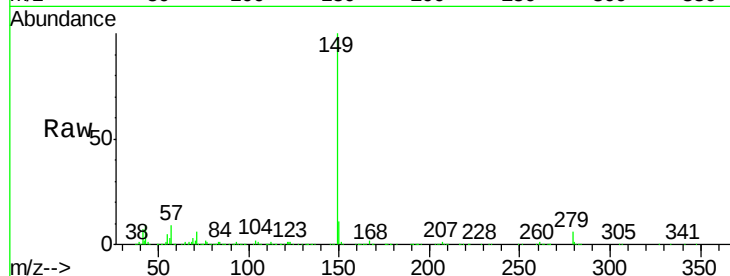
Tot Ion:149 Resp: 1475949

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

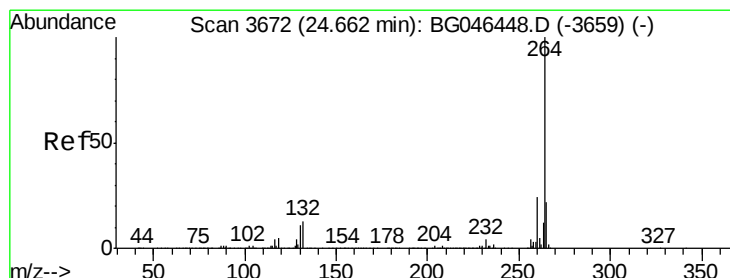
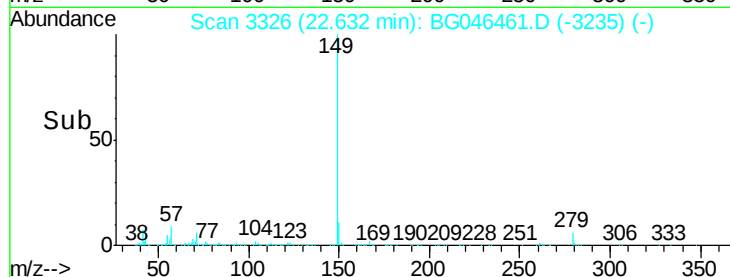
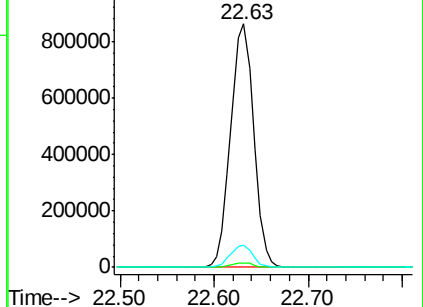
43 8.8 7.0 10.4



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): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

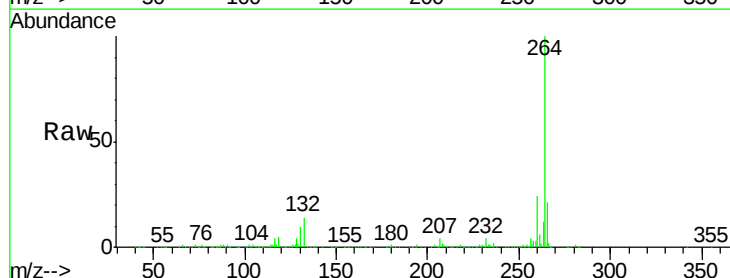
Tgt Ion:264 Resp: 588794

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

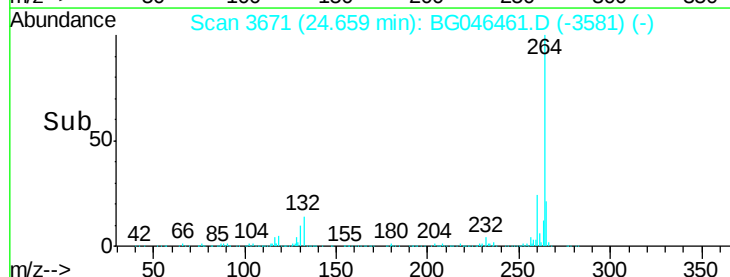
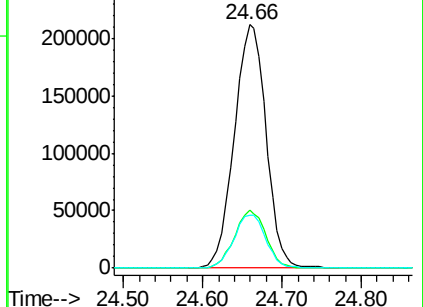
265 21.5 17.9 26.9

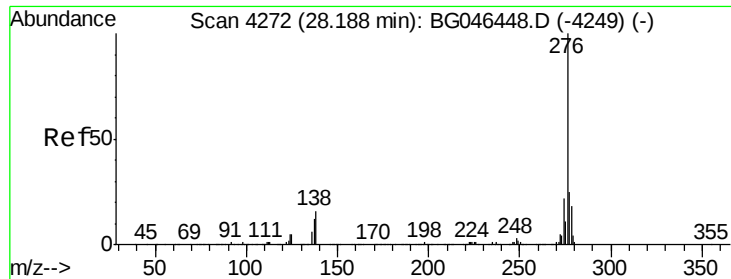


Abundance Ion 264.00 (263.70 to 264.70): E

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: 44.567 ng

RT: 28.18 min Scan# 4271

Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Instrument :

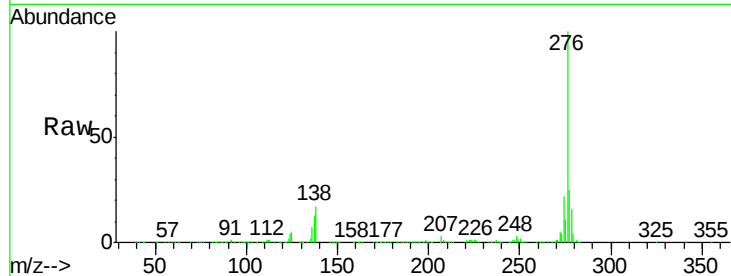
BNA_G

ClientSampleId :

RO-10MSD

Tot Ion:276 Resp: 1884680

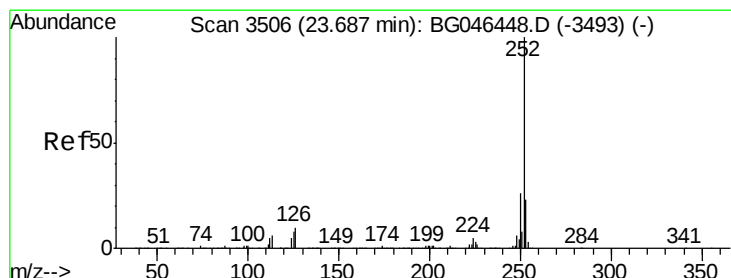
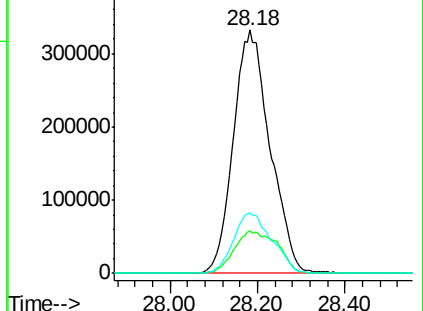
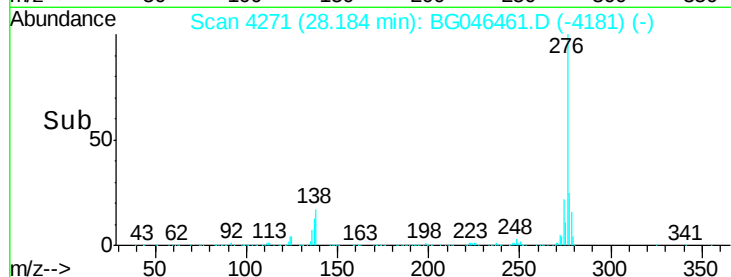
Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
277	26.0	20.7	31.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 42.638 ng

RT: 23.68 min Scan# 3505

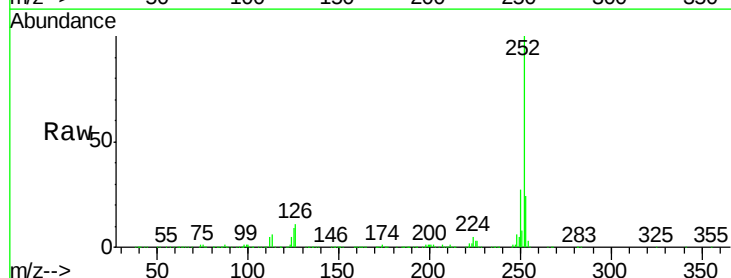
Delta R.T. -0.00 min

Lab File: BG046461.D

Acq: 26 Aug 2020 19:52

Tgt Ion:252 Resp: 1567586

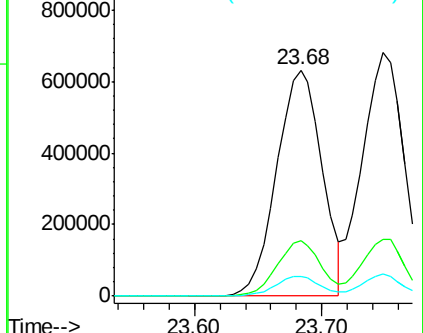
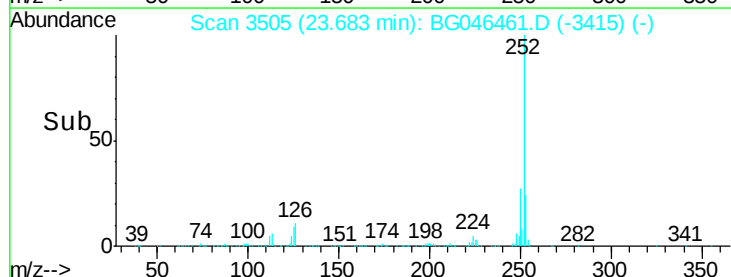
Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	8.9	6.2	9.2

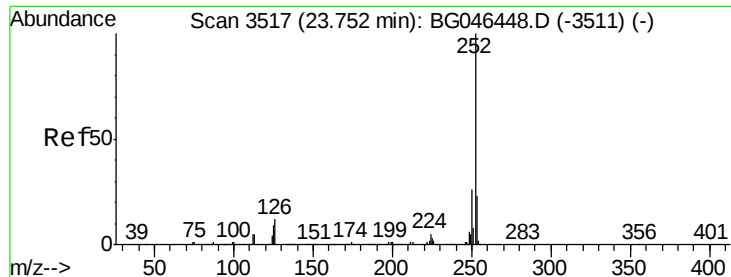


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

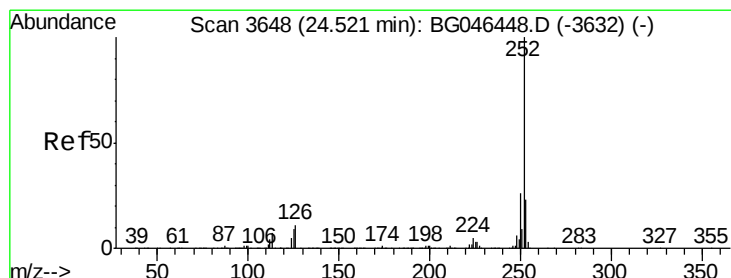
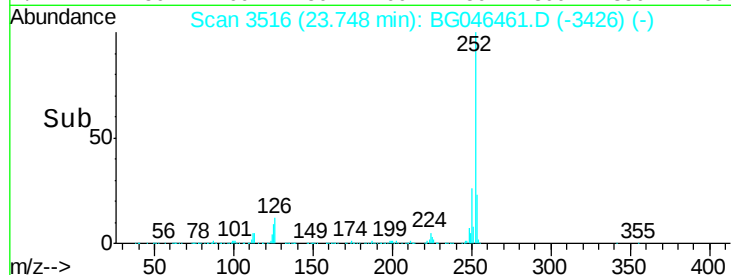
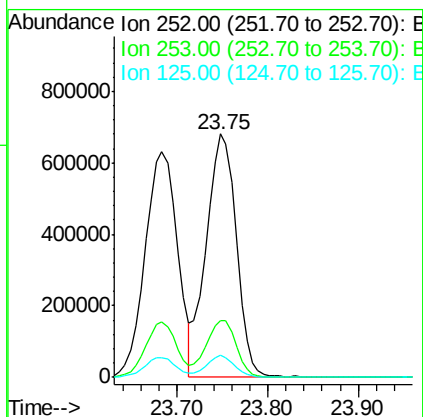
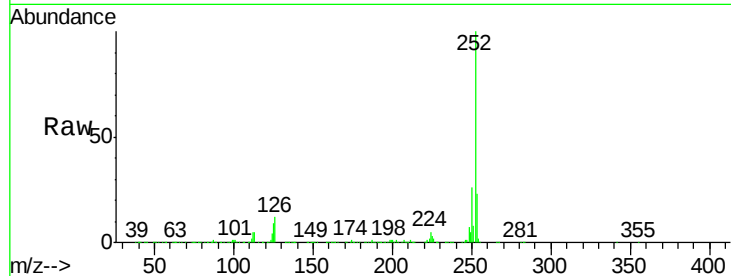




#89
Benzo(k)fluoranthene
Concen: 44.112 ng
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

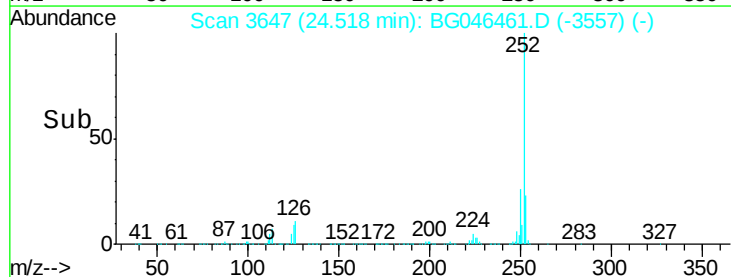
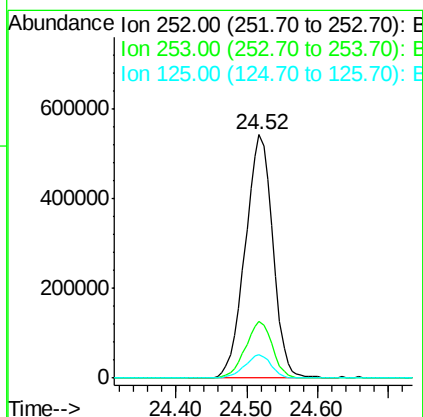
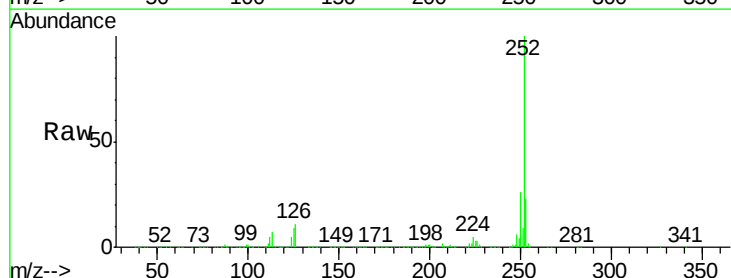
Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion:252 Resp: 1567391
Ion Ratio Lower Upper
252 100
253 23.5 18.5 27.7
125 8.9 6.8 10.2



#90
Benzo(a)pyrene
Concen: 42.941 ng
RT: 24.52 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:252 Resp: 1473294
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 9.4 7.4 11.0



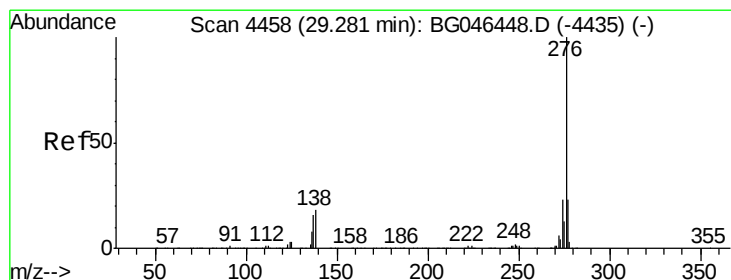
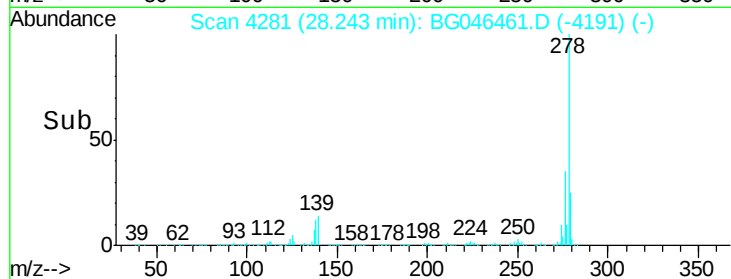
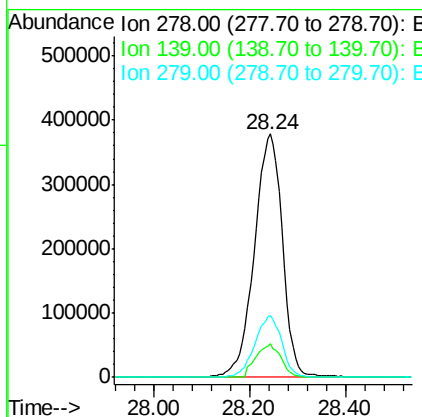
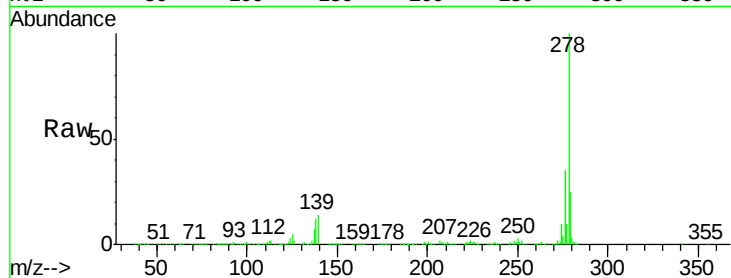


#91
Dibenzo(a,h)anthracene
Concen: 45.140 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Instrument :
BNA_G
ClientSampleId :
RO-10MSD

Tot Ion:278 Resp: 1540424

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.2	16.8
279	25.2	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 46.363 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.00 min
Lab File: BG046461.D
Acq: 26 Aug 2020 19:52

Tgt Ion:276 Resp: 1579927

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.7	28.1
138	17.9	14.7	22.1

