

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046599.D
 Acq On : 11 Sep 2020 16:46
 Operator : CG/JU
 Sample : PB131544BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

Quant Time: Sep 11 18:37:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	74780	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	309479	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	212576	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	500559	20.00	ng	0.00
76) Chrysene-d12	21.55	240	480080	20.00	ng	0.00
86) Perylene-d12	24.65	264	479735	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	450011	106.59	ng	0.00
7) Phenol-d6	7.11	99	588419	98.31	ng	0.00
23) Nitrobenzene-d5	9.08	82	376024	69.44	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	277055	96.19	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1003294	72.05	ng	0.00
79) Terphenyl-d14	19.92	244	1529409	67.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	87401	49.758	ng	99
3) Pyridine	3.80	79	123632	24.056	ng	96
4) n-Nitrosodimethylamine	3.72	42	69707	36.776	ng	99
6) Aniline	7.25	93	244541	36.309	ng	98
8) 2-Chlorophenol	7.49	128	194236	43.528	ng	99
9) Benzaldehyde	7.06	77	124480	37.122	ng	95
10) Phenol	7.13	94	238492	43.263	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	175586	39.626	ng	99
12) 1,3-Dichlorobenzene	7.82	146	207650	36.652	ng	100
13) 1,4-Dichlorobenzene	7.96	146	207977	36.668	ng	99
14) 1,2-Dichlorobenzene	8.28	146	208150	38.274	ng	99
15) Benzyl Alcohol	8.16	79	165920	43.179	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	264797	38.526	ng	99
17) 2-Methylphenol	8.38	107	169678	43.401	ng	99
18) Hexachloroethane	9.01	117	71734	37.301	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	144037	40.233	ng	99
20) 3+4-Methylphenols	8.70	107	232981	43.175	ng	99
22) Acetophenone	8.75	105	279121	37.051	ng	98
24) Nitrobenzene	9.12	77	203637	38.067	ng	99
25) Isophorone	9.65	82	401773	40.472	ng	98
26) 2-Nitrophenol	9.84	139	115176	40.808	ng	95
27) 2,4-Dimethylphenol	9.90	122	187794	48.377	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	243178	38.058	ng	100
29) 2,4-Dichlorophenol	10.38	162	214951	41.537	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	226012	36.810	ng	99
31) Naphthalene	10.77	128	580957	38.447	ng	99
32) Benzoic acid	10.06	122	74884	30.525	ng	93
33) 4-Chloroaniline	10.88	127	196085	29.428	ng	100
34) Hexachlorobutadiene	11.07	225	142620	35.782	ng	99
35) Caprolactam	11.65	113	47714	24.666	ng	94
36) 4-Chloro-3-methylphenol	12.01	107	213283	42.139	ng	95
37) 2-Methylnaphthalene	12.38	142	471317	39.548	ng	99
38) 1-Methylnaphthalene	12.60	142	444903	39.412	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	279581	39.883	ng	100

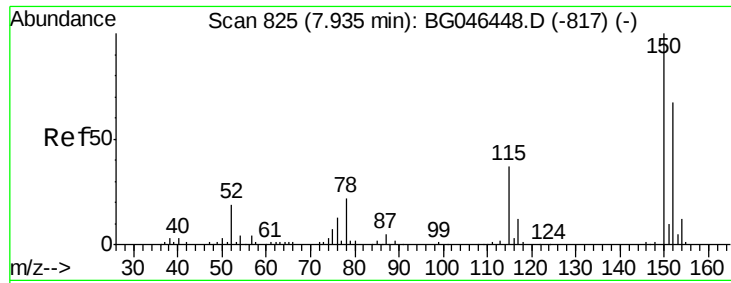
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
 Data File : BG046599.D
 Acq On : 11 Sep 2020 16:46
 Operator : CG/JU
 Sample : PB131544BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Sep 11 18:37:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	297323	97.544	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	191804	40.546	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	206268	41.501	ng	99
46) 1,1'-Biphenyl	13.39	154	610170	41.256	ng	98
47) 2-Chloronaphthalene	13.43	162	476455	37.996	ng	99
48) 2-Nitroaniline	13.63	65	134192	38.539	ng	99
49) Acenaphthylene	14.28	152	773738	40.677	ng	100
50) Dimethylphthalate	14.02	163	633163	38.500	ng	100
51) 2,6-Dinitrotoluene	14.13	165	146761	40.483	ng	98
52) Acenaphthene	14.62	154	457619	38.823	ng	100
53) 3-Nitroaniline	14.46	138	118477	30.171	ng	95
54) 2,4-Dinitrophenol	14.67	184	150248	71.003	ng	97
55) Dibenzofuran	14.96	168	757589	40.048	ng	100
56) 4-Nitrophenol	14.79	139	225508	78.030	ng	98
57) 2,4-Dinitrotoluene	14.92	165	203950	39.455	ng	98
58) Fluorene	15.61	166	616121	38.806	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	196011	40.612	ng	98
60) Diethylphthalate	15.38	149	618724	38.587	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	340177	38.904	ng	98
62) 4-Nitroaniline	15.63	138	146103	35.261	ng	97
63) Azobenzene	15.89	77	522223	40.038	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	124646	43.995	ng	99
66) n-Nitrosodiphenylamine	15.81	169	564446	41.798	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	240652	41.208	ng	96
68) Hexachlorobenzene	16.62	284	248248	38.383	ng	97
69) Atrazine	16.77	200	203647	36.966	ng	99
70) Pentachlorophenol	16.96	266	267307	79.104	ng	98
71) Phenanthrene	17.34	178	996679	39.283	ng	99
72) Anthracene	17.44	178	1024085	40.910	ng	99
73) Carbazole	17.70	167	923302	39.065	ng	100
74) Di-n-butylphthalate	18.26	149	1052798	38.738	ng	100
75) Fluoranthene	19.35	202	1243153	38.074	ng	100
77) Benzidine	19.53	184	576483	51.677	ng	99
78) Pyrene	19.72	202	1230125	40.238	ng	100
80) Butylbenzylphthalate	20.60	149	471130	39.510	ng	96
81) Benzo(a)anthracene	21.53	228	1185633	39.622	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	388438	34.980	ng	99
83) Chrysene	21.60	228	1134917	39.429	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	659070	40.501	ng	100
85) Di-n-octyl phthalate	22.62	149	1145936	41.126	ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1428404	41.456	ng	100
88) Benzo(b)fluoranthene	23.67	252	1237670	41.317	ng	98
89) Benzo(k)fluoranthene	23.73	252	1178967	40.724	ng	99
90) Benzo(a)pyrene	24.50	252	1133596	40.551	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1181041	42.476	ng	98
92) Benzo(g,h,i)perylene	29.26	276	1199435	43.199	ng	98

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

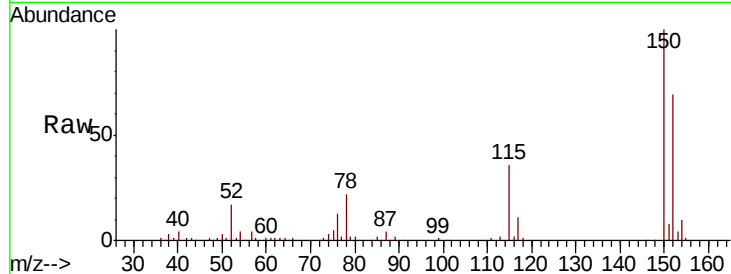


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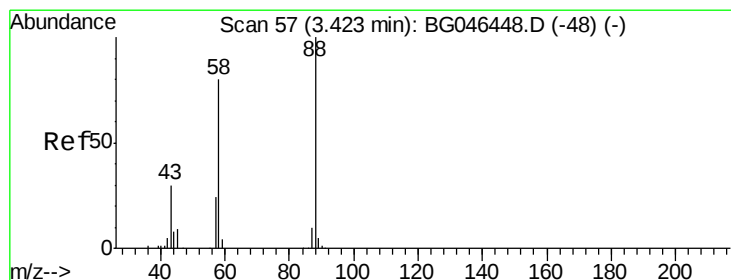
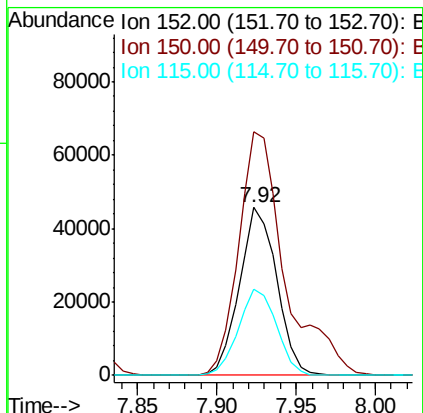
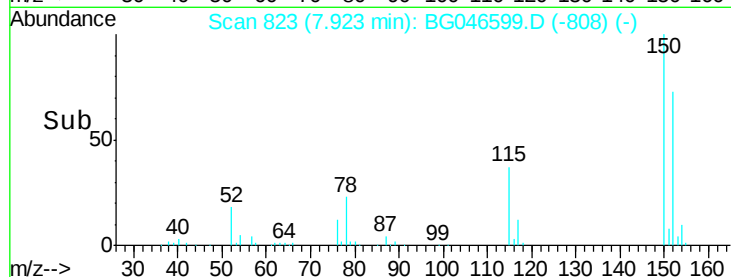
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion:152 Resp: 74780
Ion Ratio Lower Upper
152 100
150 145.0 119.5 179.3
115 51.5 44.3 66.5



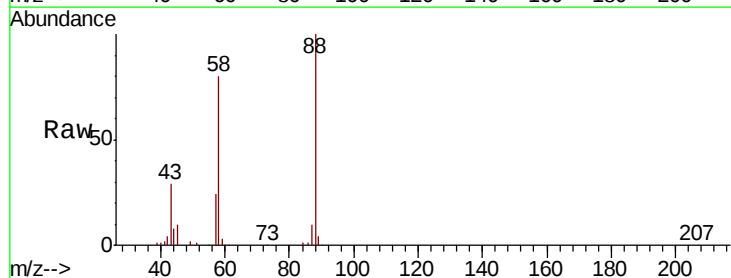
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



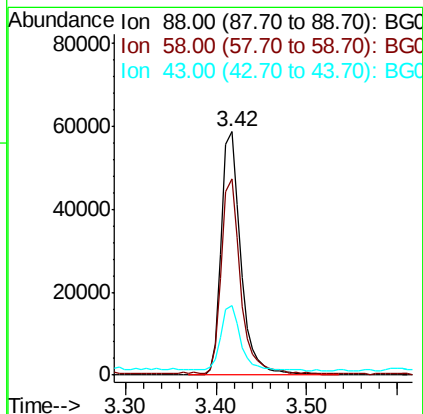
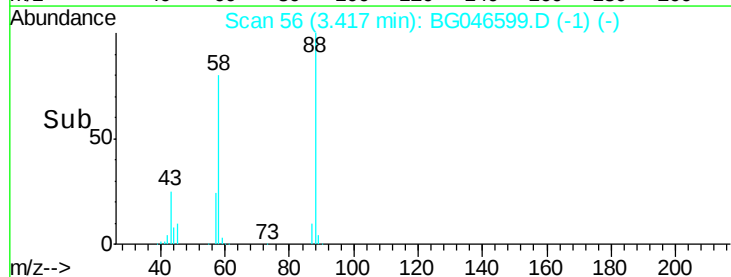
#2

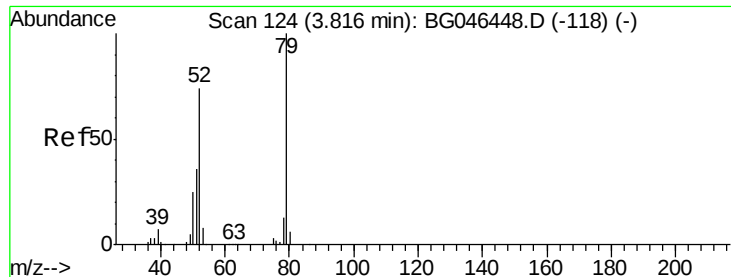
1,4-Dioxane
Concen: 49.758 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion: 88 Resp: 87401
Ion Ratio Lower Upper
88 100
58 78.0 61.4 92.2
43 26.1 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.056 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

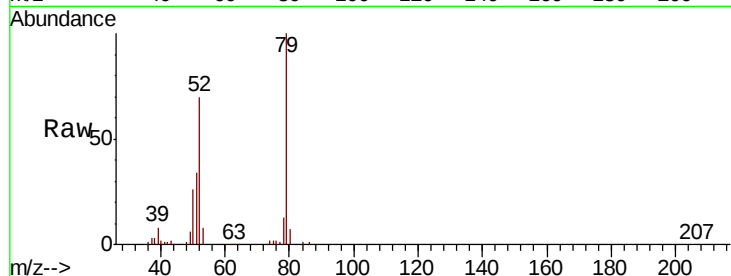
Tot Ion: 79 Resp: 123632

Ion Ratio Lower Upper

79 100

52 70.5 59.1 88.7

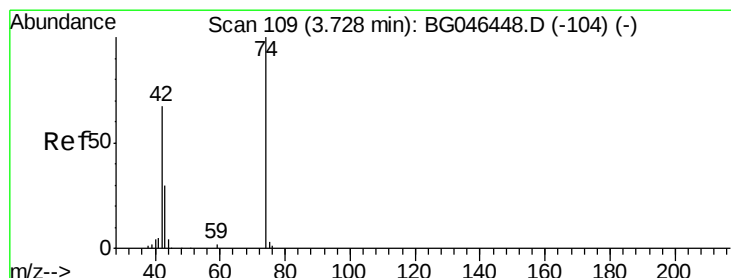
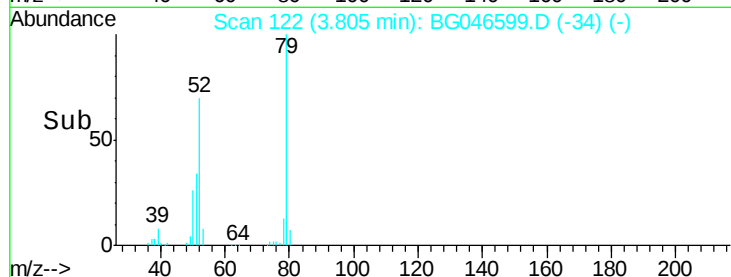
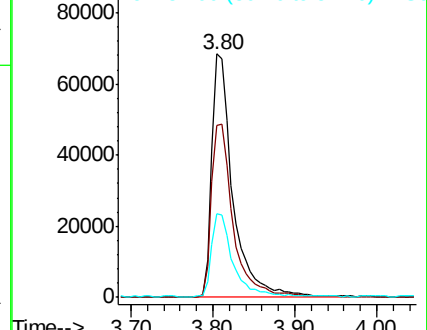
51 34.3 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.776 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

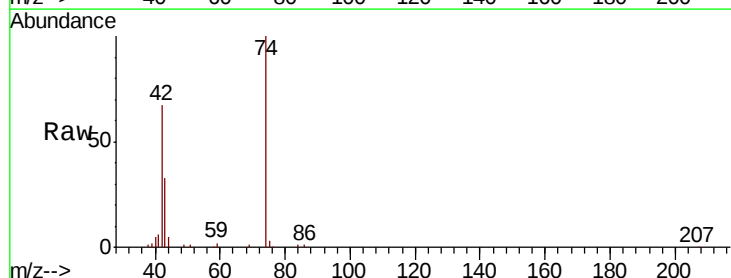
Tgt Ion: 42 Resp: 69707

Ion Ratio Lower Upper

42 100

74 150.3 119.5 179.3

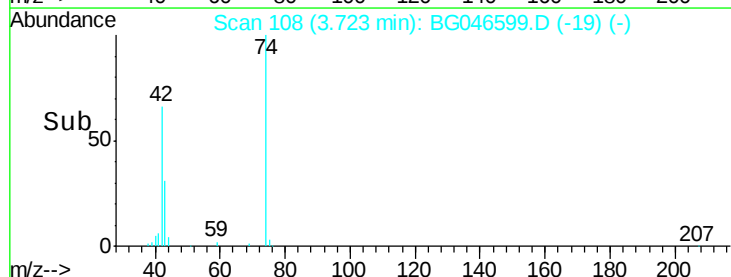
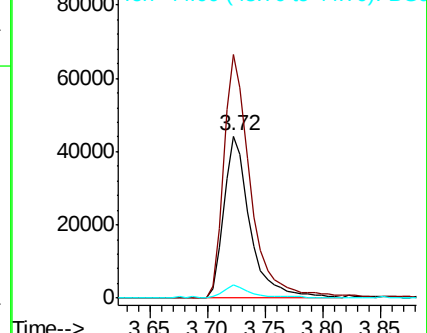
44 7.8 5.7 8.5

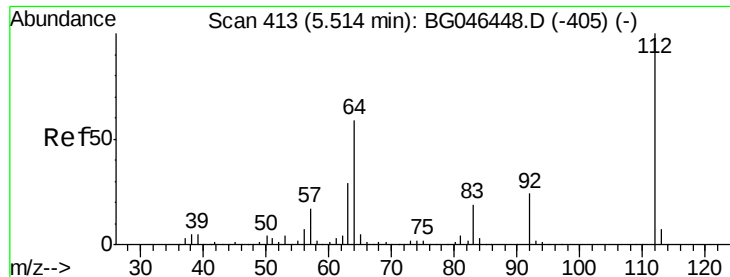


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 106.586 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

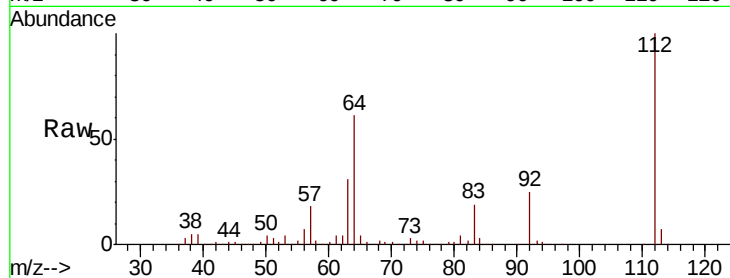
Tot Ion:112 Resp: 450011

Ion Ratio Lower Upper

112 100

64 61.1 47.0 70.6

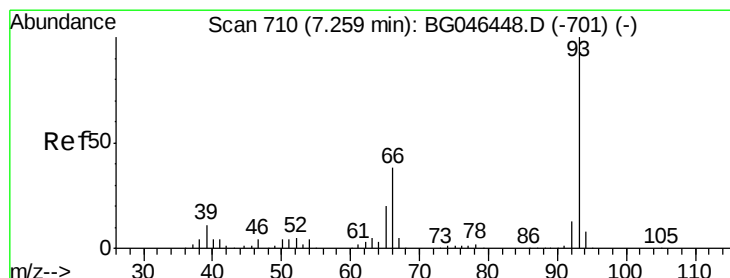
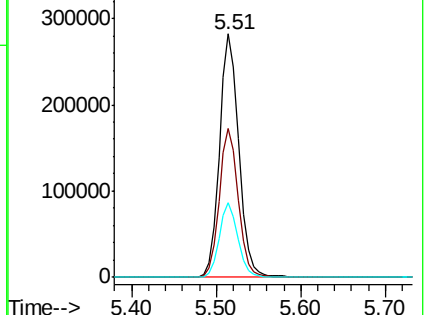
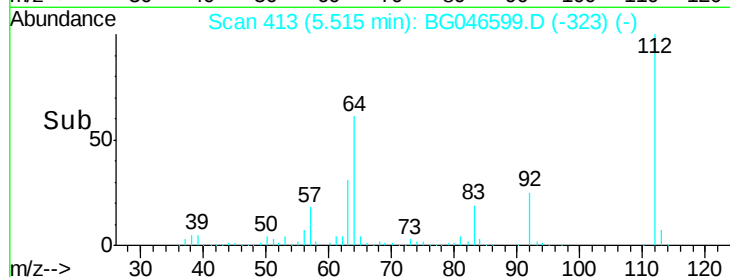
63 30.5 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.309 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

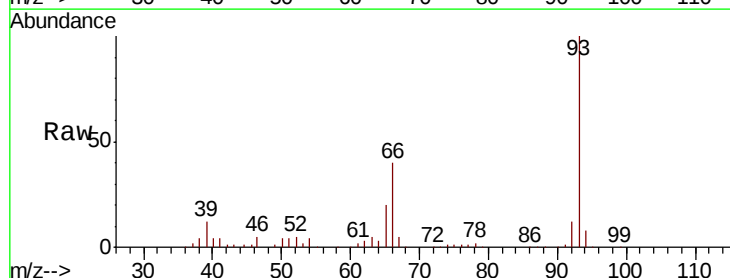
Tgt Ion: 93 Resp: 244541

Ion Ratio Lower Upper

93 100

66 39.6 30.4 45.6

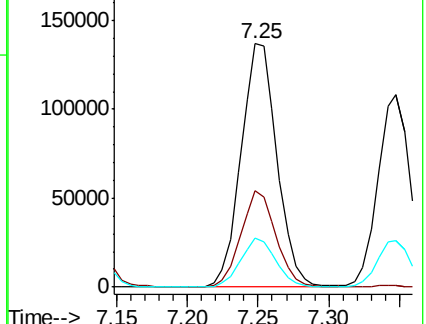
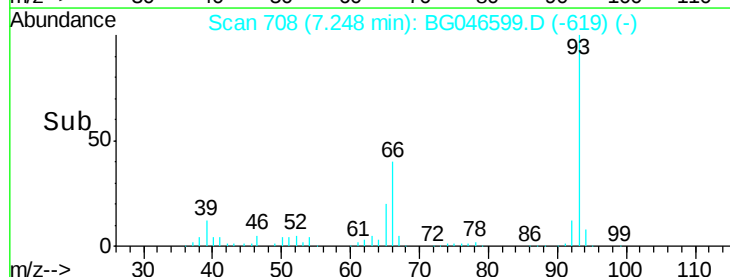
65 20.2 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.313 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

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ClientSampleId :

PB131544BSD

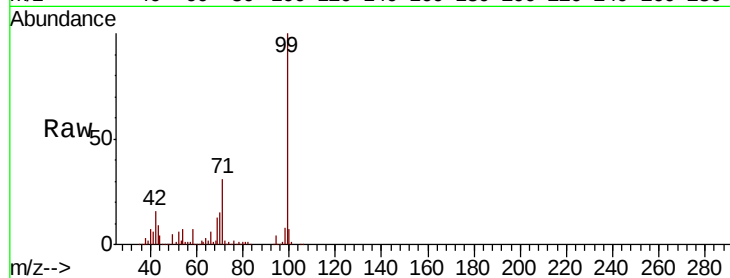
Tot Ion: 99 Resp: 588419

Ion Ratio Lower Upper

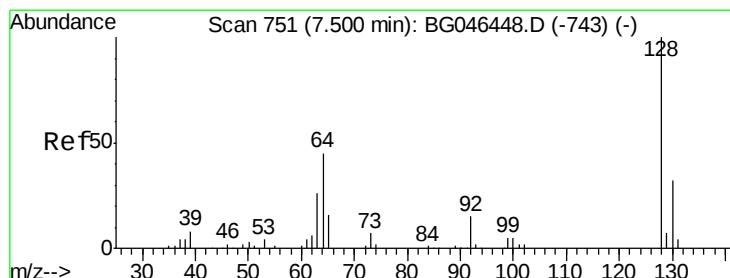
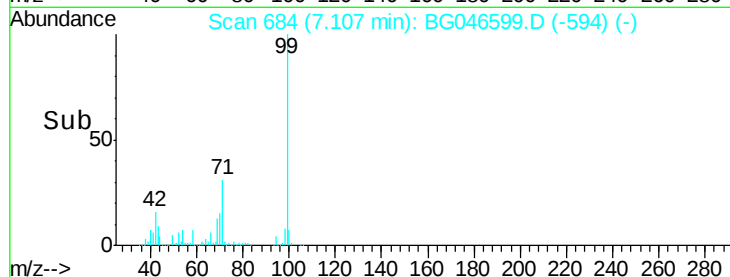
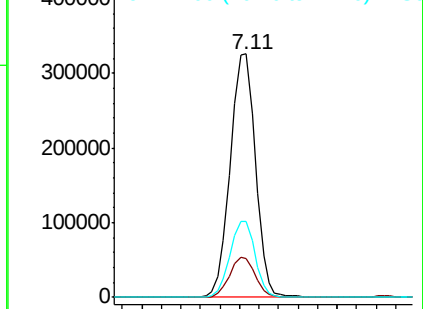
99 100

42 16.0 13.3 19.9

71 31.2 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: 43.528 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

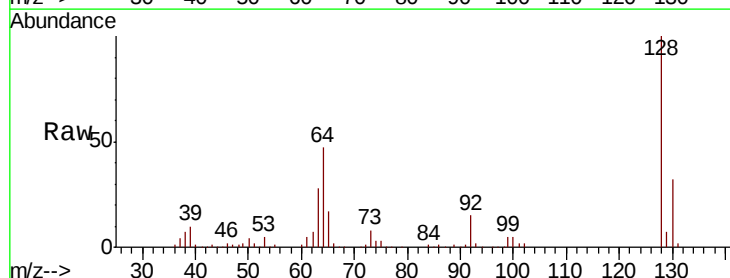
Tgt Ion: 128 Resp: 194236

Ion Ratio Lower Upper

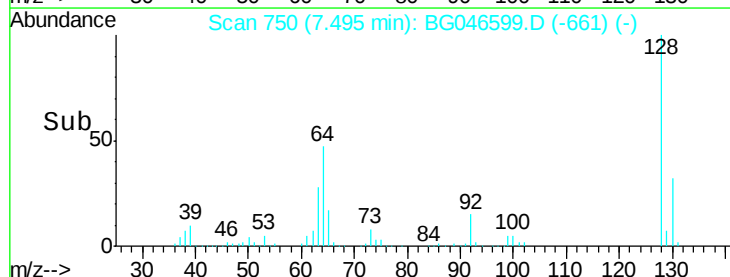
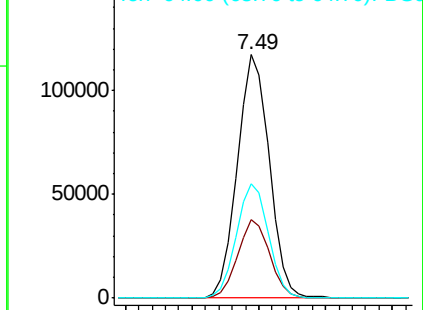
128 100

130 32.5 12.4 52.4

64 46.9 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: 37.122 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

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PB131544BSD

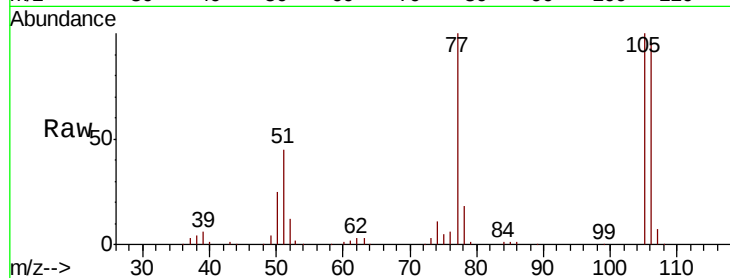
Tot Ion: 77 Resp: 124480

Ion Ratio Lower Upper

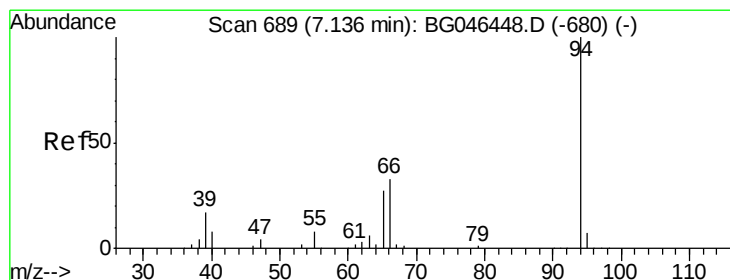
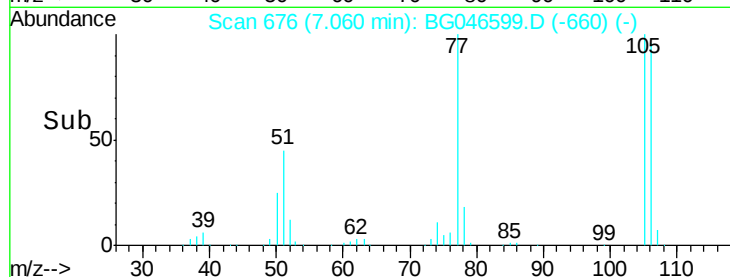
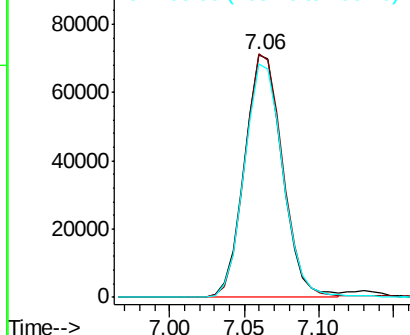
77 100

105 100.3 85.6 125.6

106 96.2 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: 43.263 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

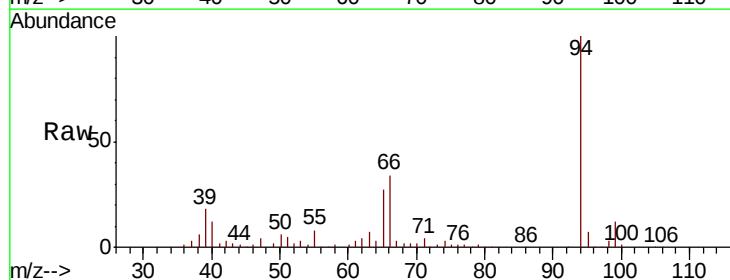
Tgt Ion: 94 Resp: 238492

Ion Ratio Lower Upper

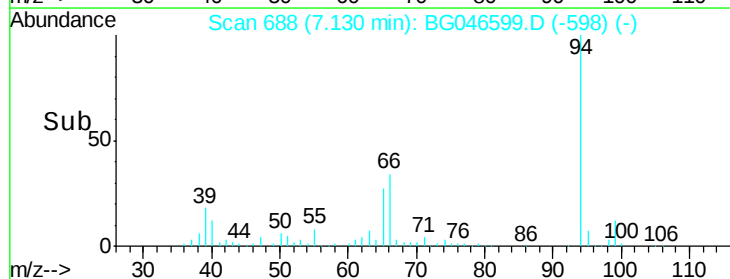
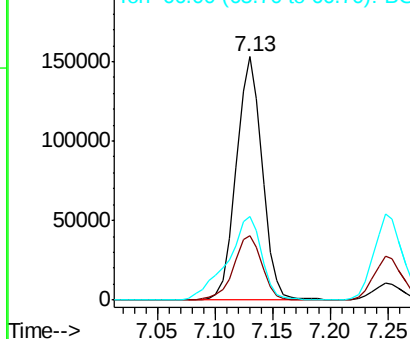
94 100

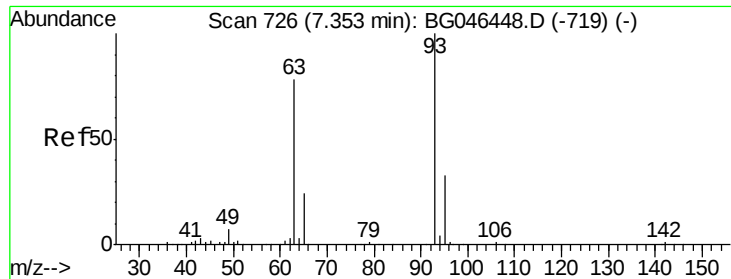
65 26.7 7.5 47.5

66 34.4 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

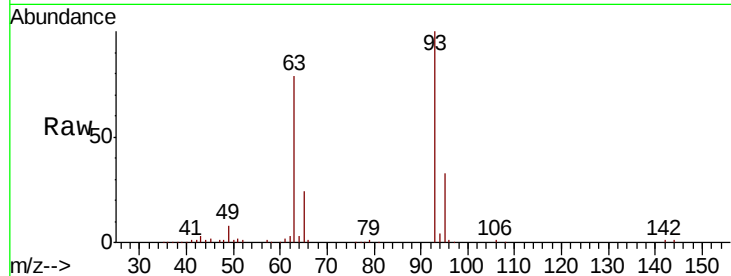




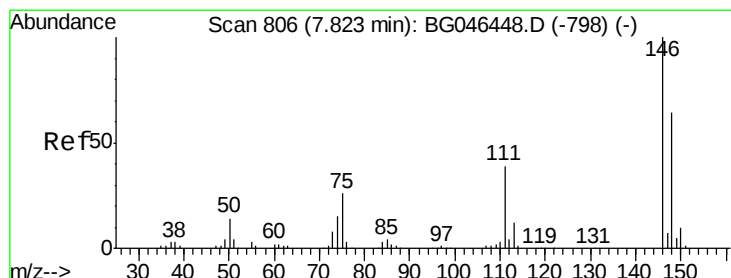
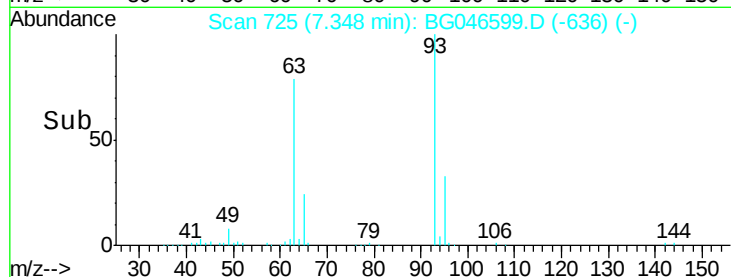
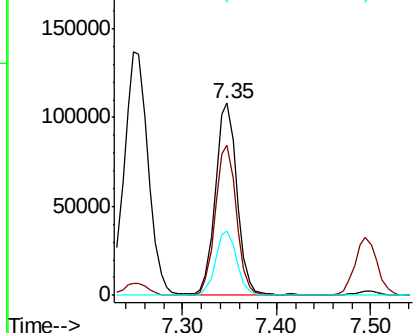
#11
 bis(2-Chloroethyl)ether
 Concen: 39.626 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

Tot Ion: 93 Resp: 175586
 Ion Ratio Lower Upper
 93 100
 63 78.5 57.7 97.7
 95 33.4 12.3 52.3

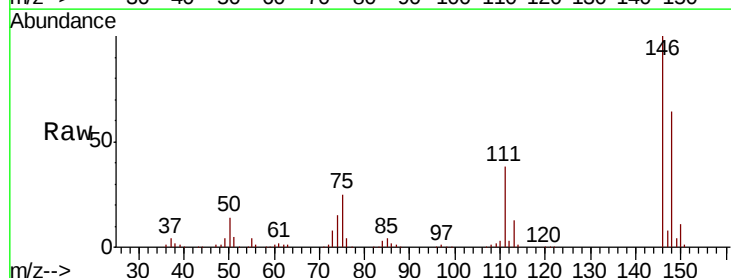


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

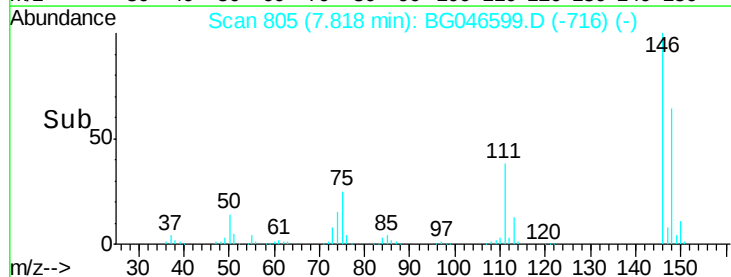
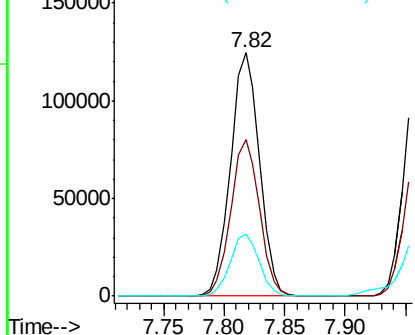


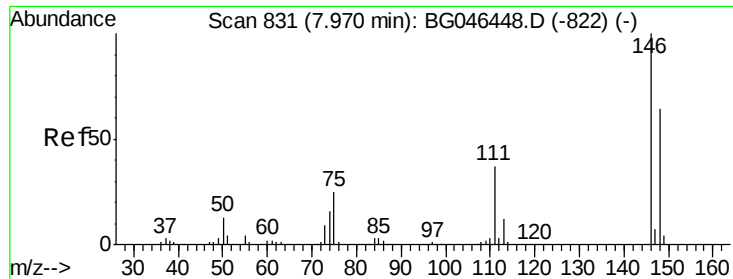
#12
 1,3-Dichlorobenzene
 Concen: 36.652 ng
 RT: 7.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion: 146 Resp: 207650
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.0
 75 25.5 20.7 31.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

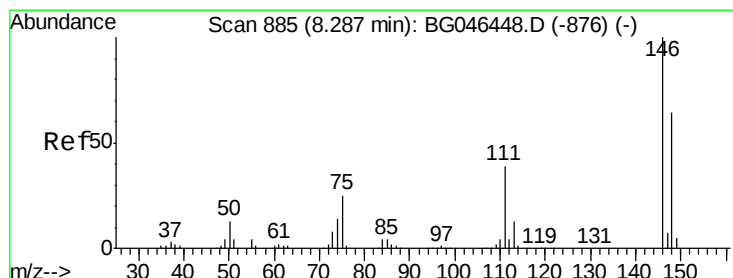
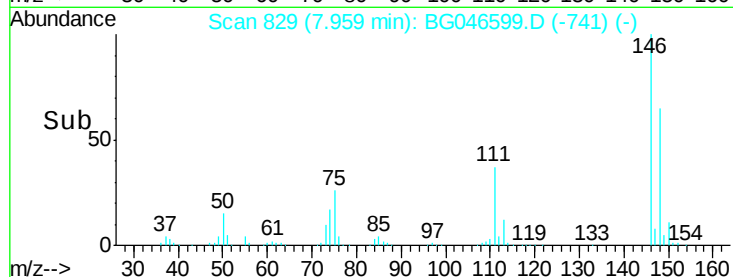
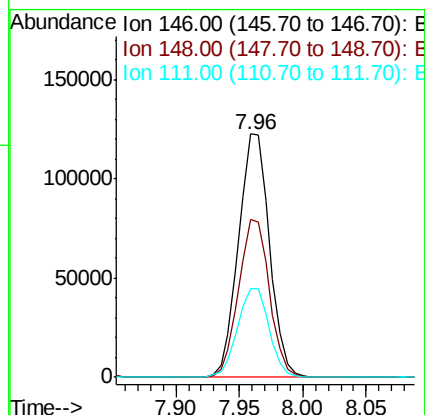
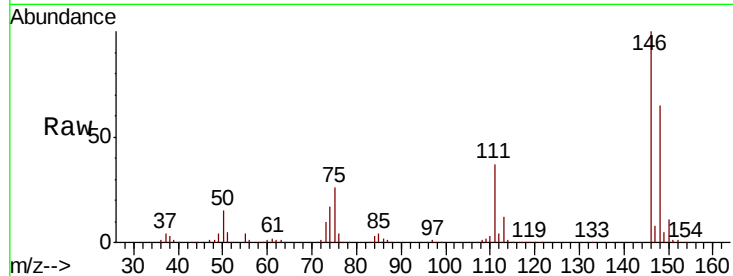




#13
 1,4-Dichlorobenzene
 Concen: 36.668 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

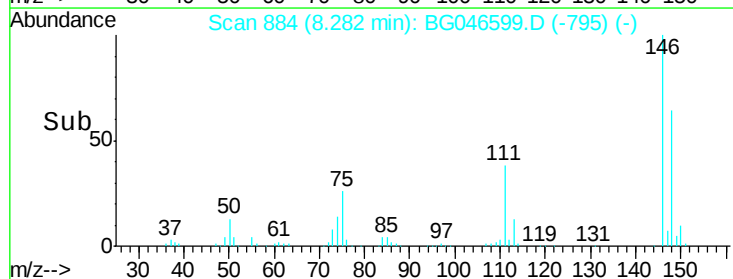
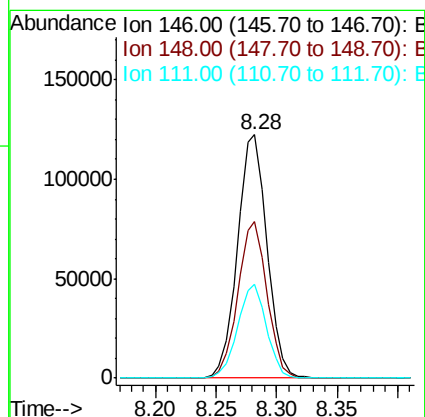
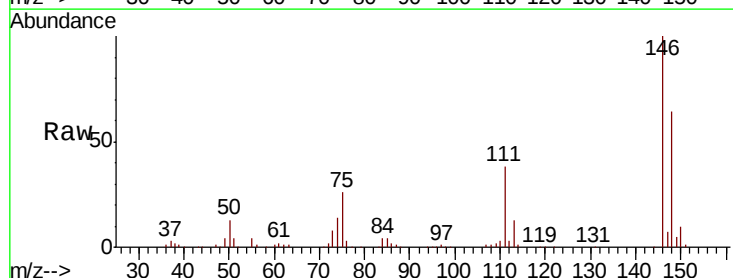
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

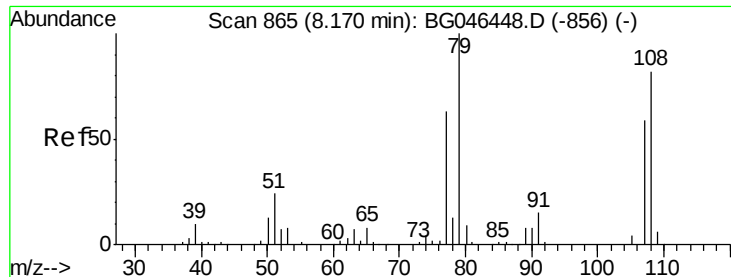
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
111	36.7	29.8	44.6



#14
 1,2-Dichlorobenzene
 Concen: 38.274 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	38.3	31.4	47.2





#15

Benzyl Alcohol

Concen: 43.179 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

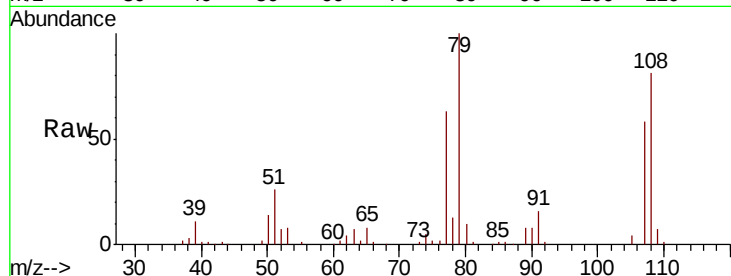
Tot Ion: 79 Resp: 165920

Ion Ratio Lower Upper

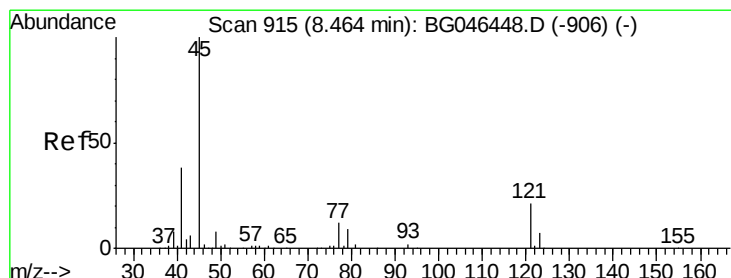
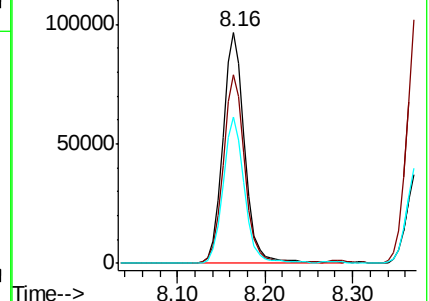
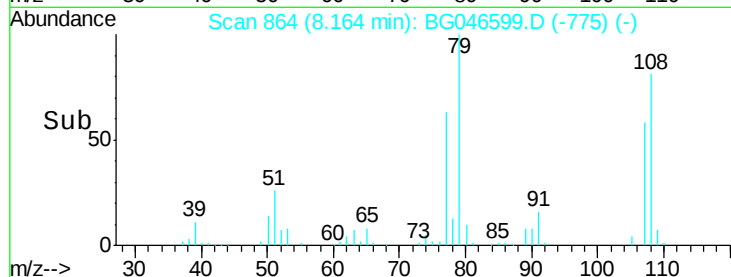
79 100

108 81.4 65.7 98.5

77 63.2 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.526 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

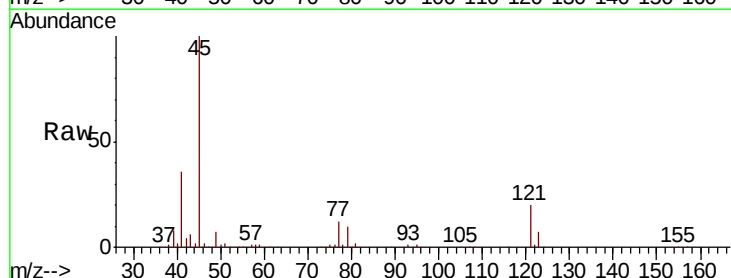
Tgt Ion: 45 Resp: 264797

Ion Ratio Lower Upper

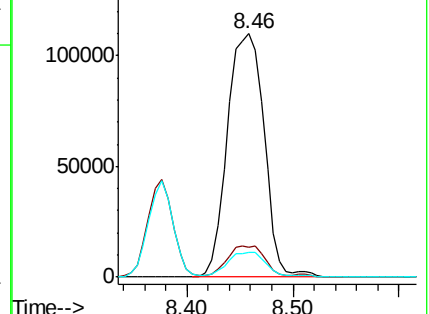
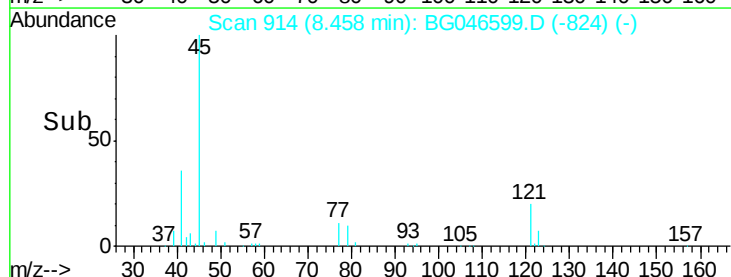
45 100

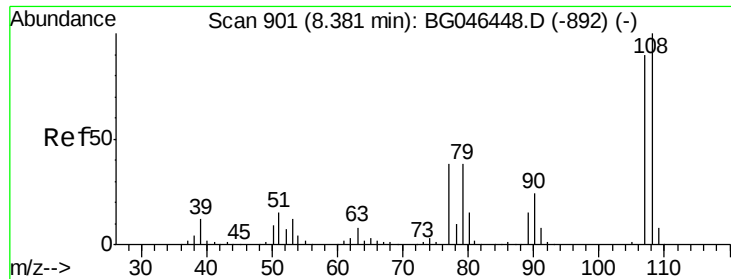
77 12.3 0.0 33.2

79 10.3 0.0 30.3



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

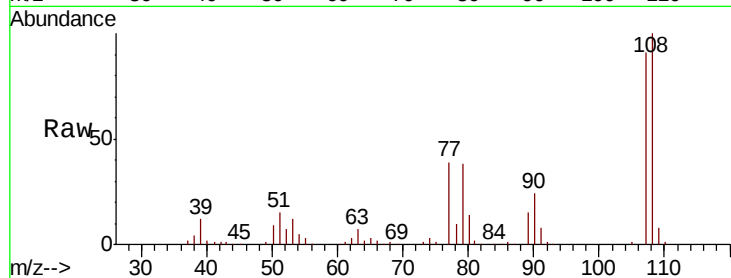




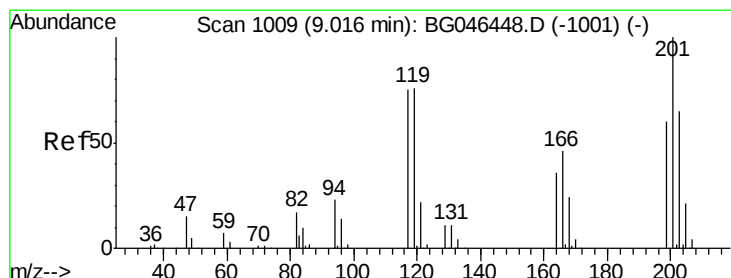
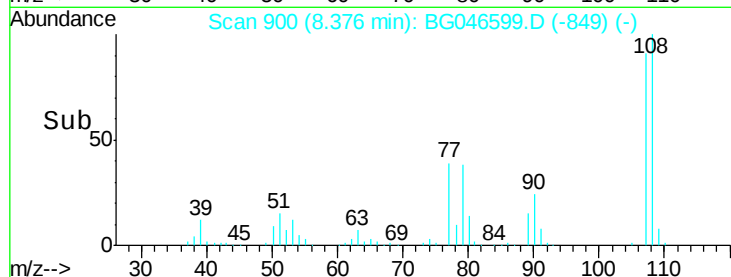
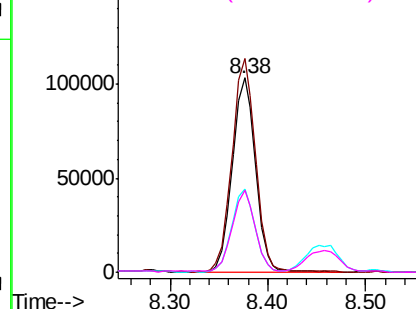
#17
2-Methylphenol
Concen: 43.401 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion:107 Resp: 169678
Ion Ratio Lower Upper
107 100
108 110.0 89.4 134.0
77 42.6 34.5 51.7
79 42.2 33.8 50.6

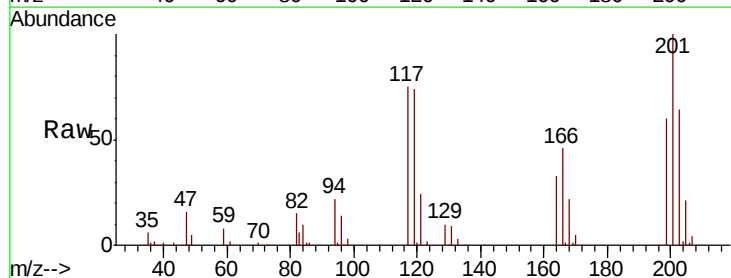


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

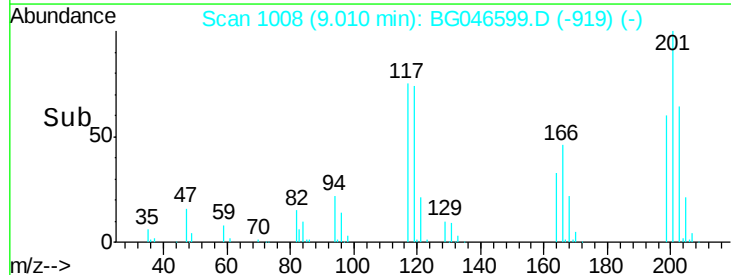
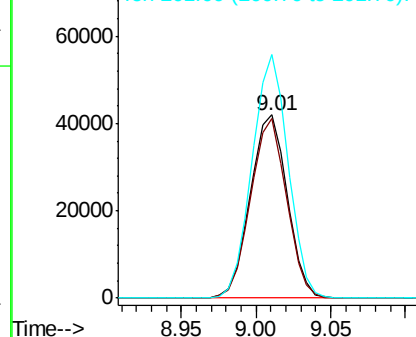


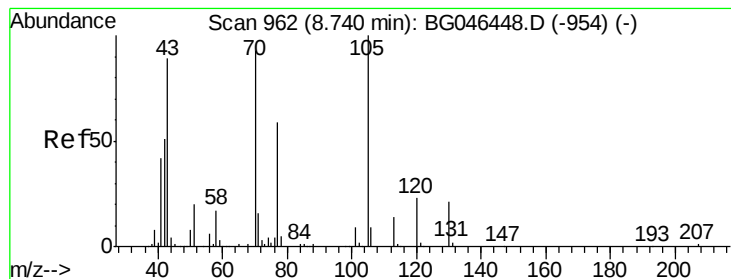
#18
Hexachloroethane
Concen: 37.301 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:117 Resp: 71734
Ion Ratio Lower Upper
117 100
119 97.8 80.8 121.2
201 133.0 106.7 160.1



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: 40.233 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

Tot Ion: 70 Resp: 144037

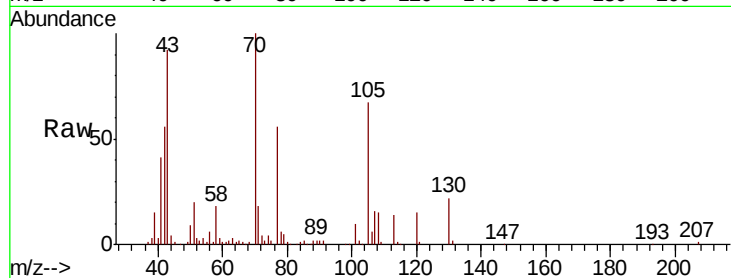
Ion Ratio Lower Upper

70 100

42 55.7 44.2 66.2

101 9.9 7.8 11.8

130 21.7 18.2 27.4

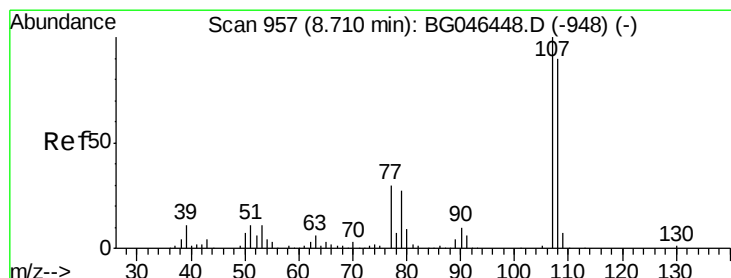
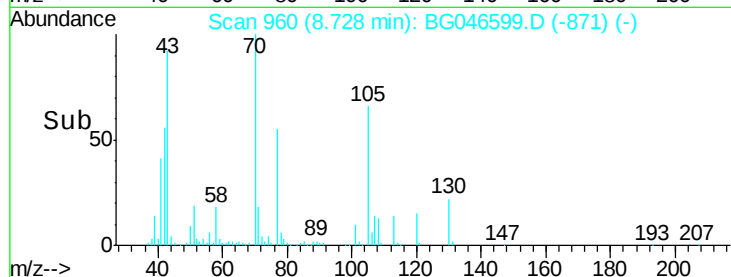
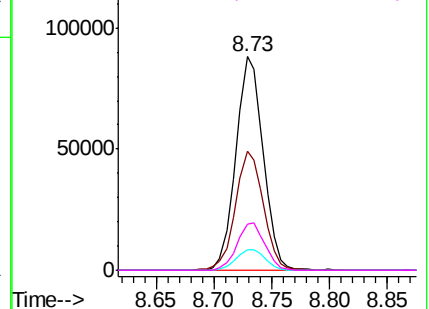


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.175 ng

RT: 8.70 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Tgt Ion: 107 Resp: 232981

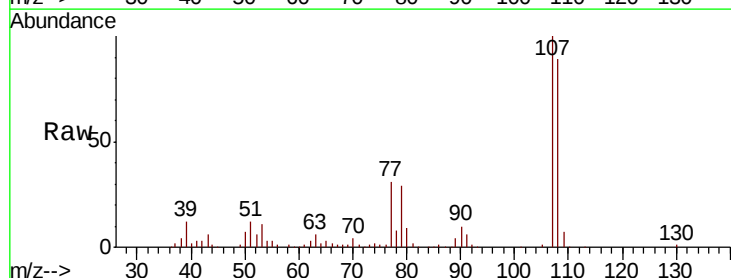
Ion Ratio Lower Upper

107 100

108 89.1 69.7 109.7

77 30.5 9.7 49.7

79 28.5 6.9 46.9

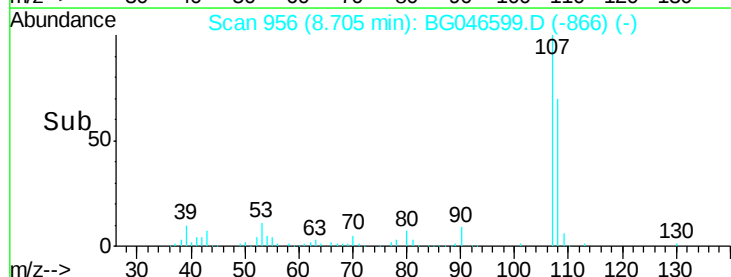
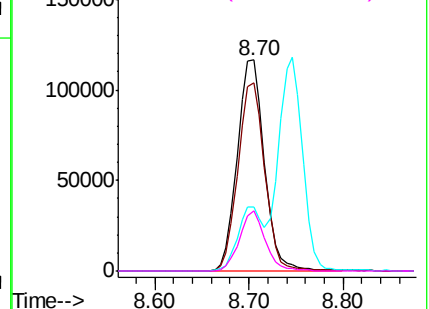


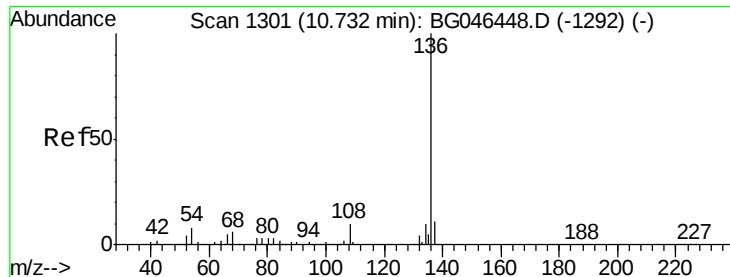
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

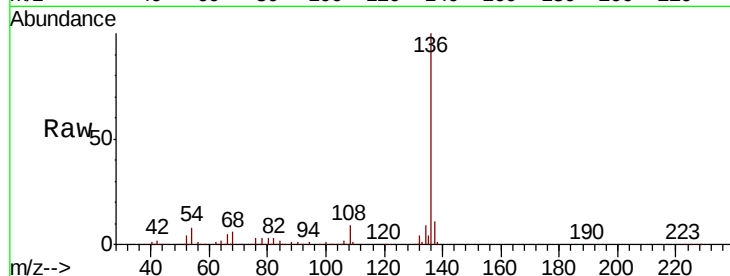




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion:136	Resp:	309479
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 8.3	6.1	9.1
68 5.6	4.8	7.2



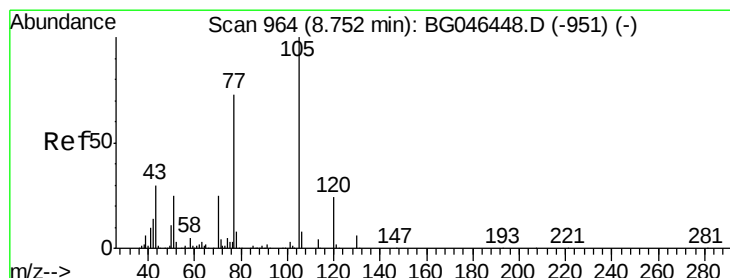
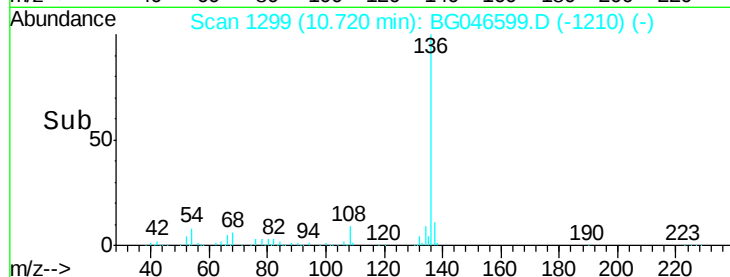
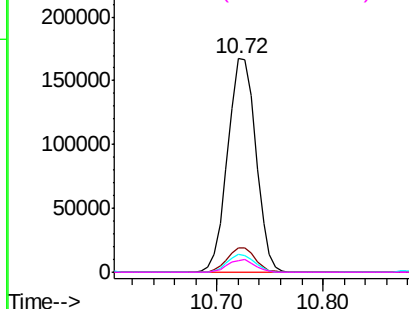
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

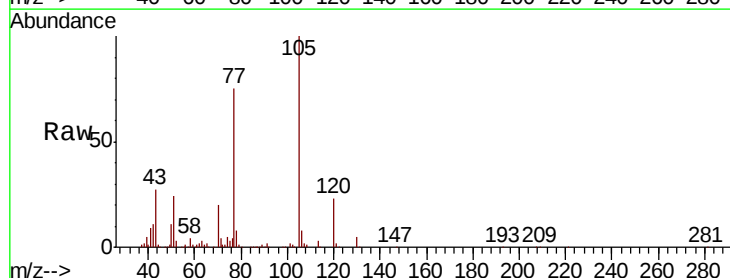
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.051 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt	Ion:105	Resp:	279121
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.3	4.9
51	24.3	20.6	31.0
120	23.0	19.0	28.6



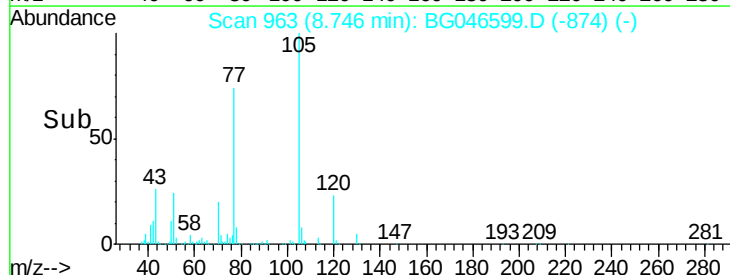
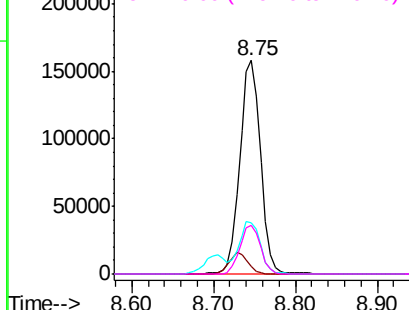
Abundance

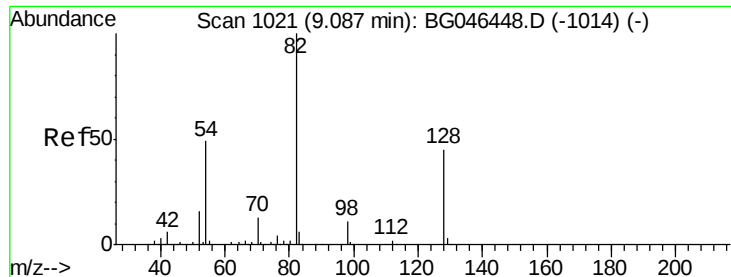
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

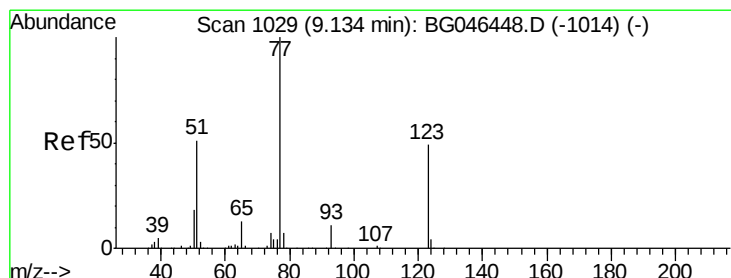
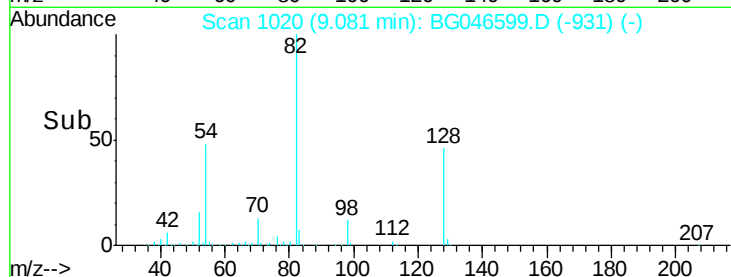
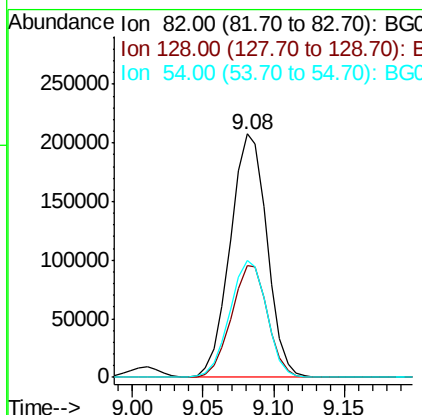
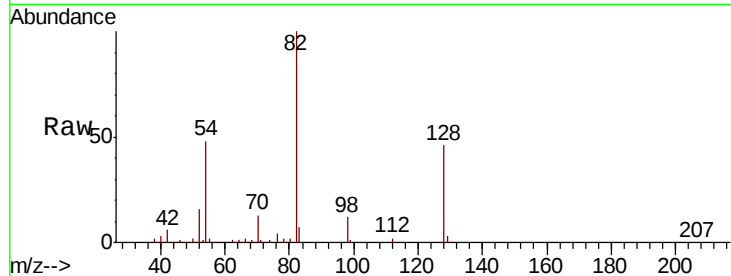




#23
 Nitrobenzene-d5
 Concen: 69.445 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

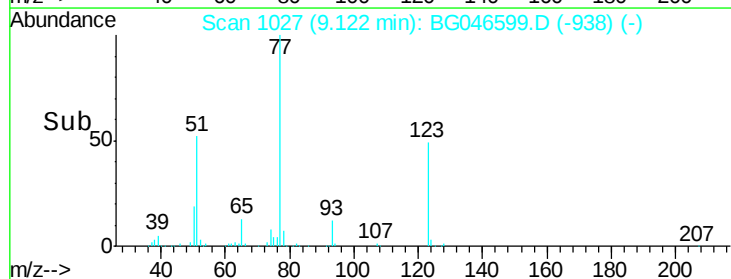
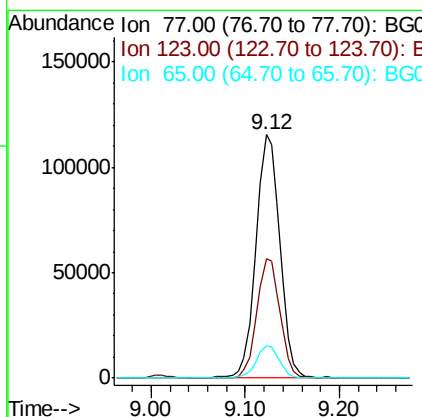
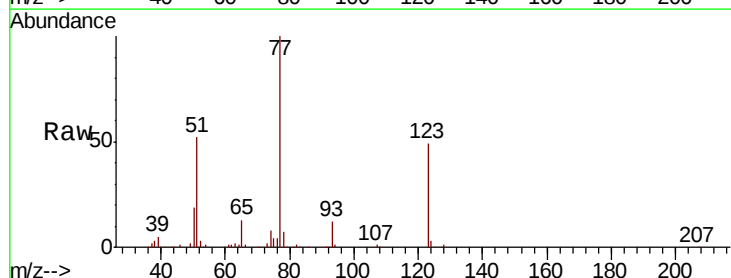
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

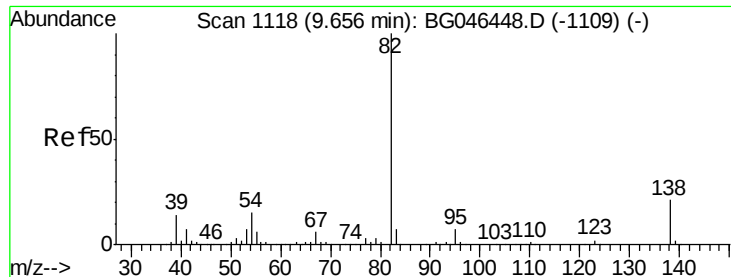
Tot Ion	82	Resp	376024
Ion Ratio	Lower	Upper	
82	100		
128	45.7	35.7	53.5
54	48.2	39.4	59.0



#24
 Nitrobenzene
 Concen: 38.067 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion	77	Resp	203637
Ion Ratio	Lower	Upper	
77	100		
123	49.0	39.6	59.4
65	13.2	10.1	15.1





#25

Isophorone

Concen: 40.472 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

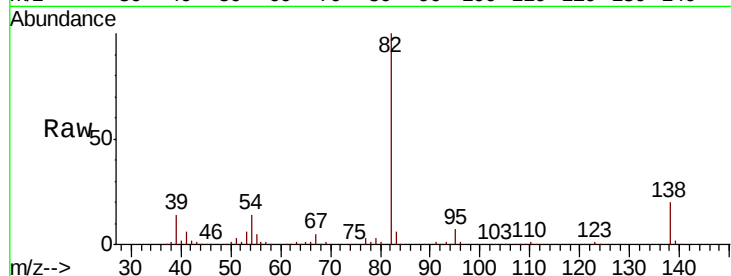
Tot Ion: 82 Resp: 401773

Ion Ratio Lower Upper

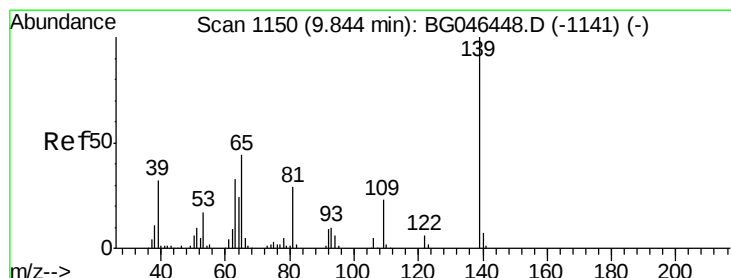
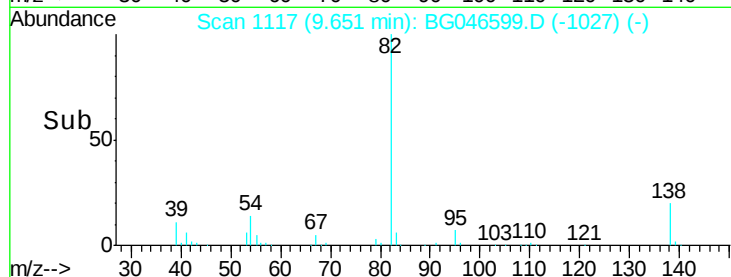
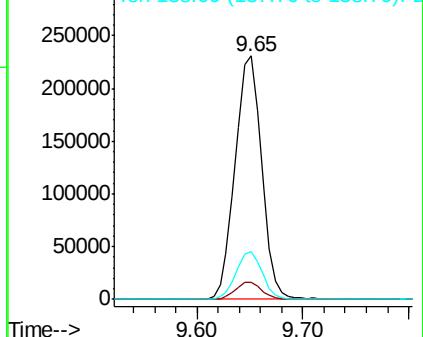
82 100

95 6.9 5.8 8.6

138 19.6 16.4 24.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.808 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

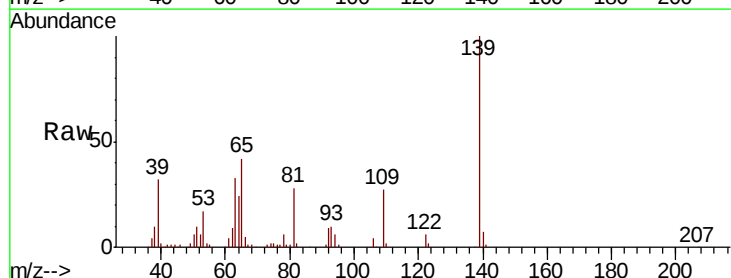
Tgt Ion: 139 Resp: 115176

Ion Ratio Lower Upper

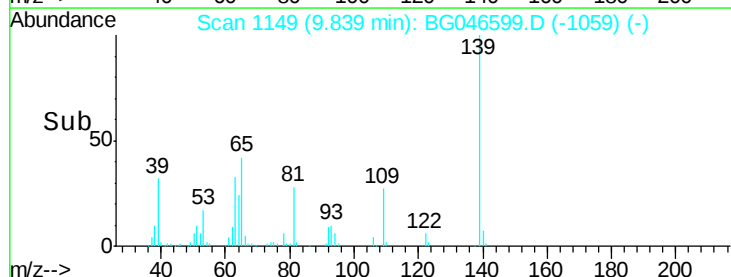
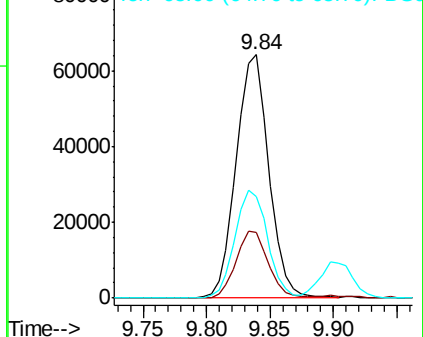
139 100

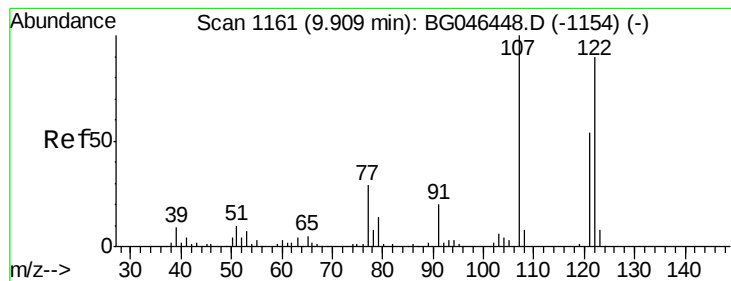
109 27.0 18.8 28.2

65 41.6 35.0 52.6



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





#27

2,4-Dimethylphenol

Concen: 48.377 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

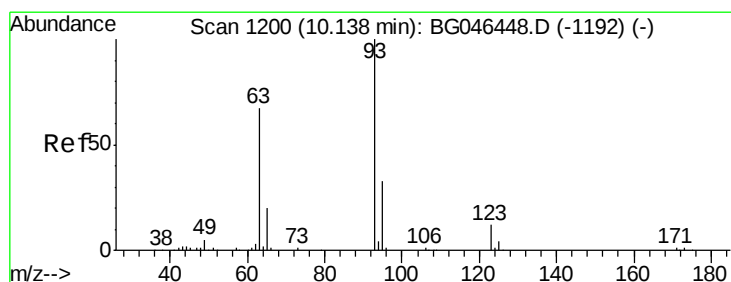
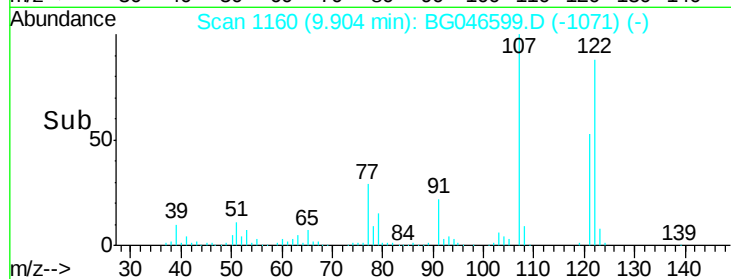
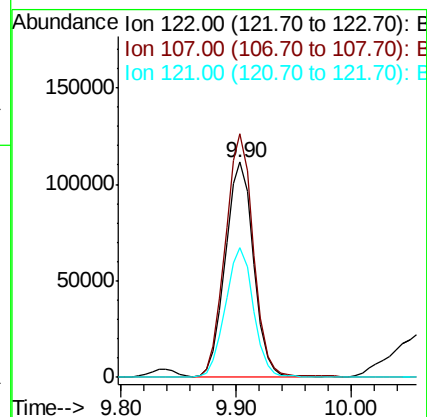
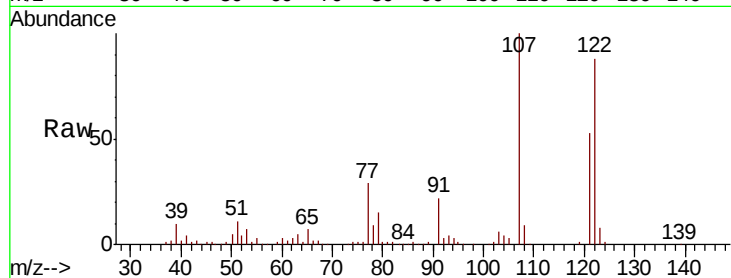
Tot Ion:122 Resp: 187794

Ion Ratio Lower Upper

122 100

107 113.2 88.2 132.2

121 60.2 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.058 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

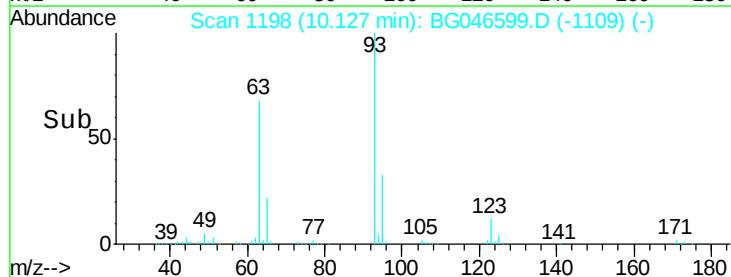
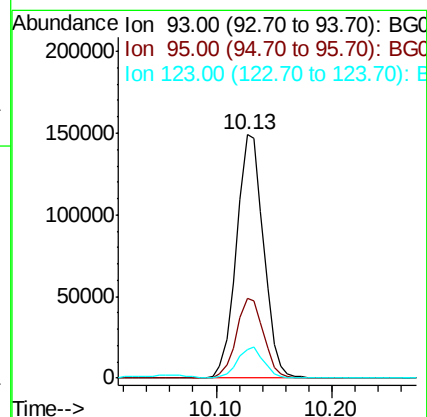
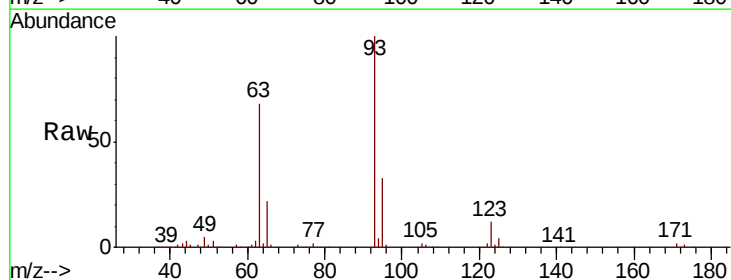
Tgt Ion: 93 Resp: 243178

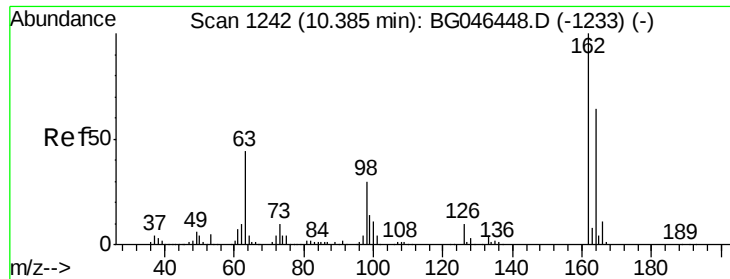
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.9 9.5 14.3

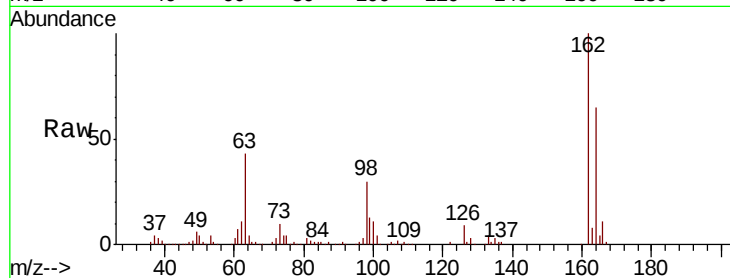




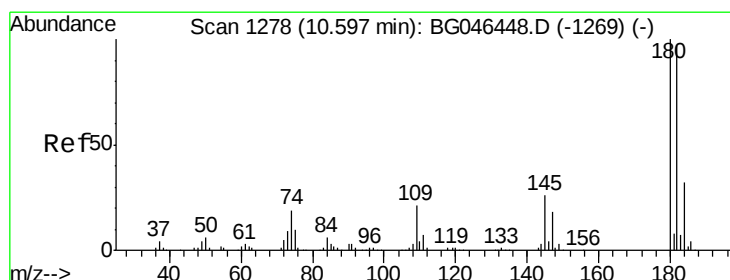
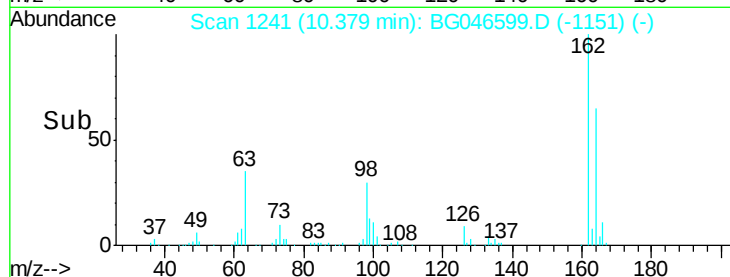
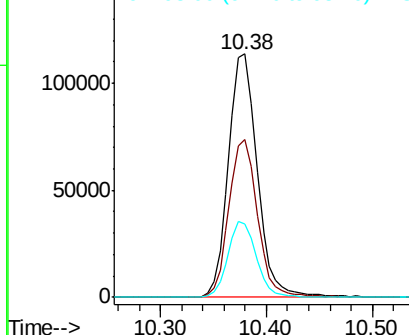
#29
 2,4-Dichlorophenol
 Concen: 41.537 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.3	84.3
98	30.0	10.0	50.0

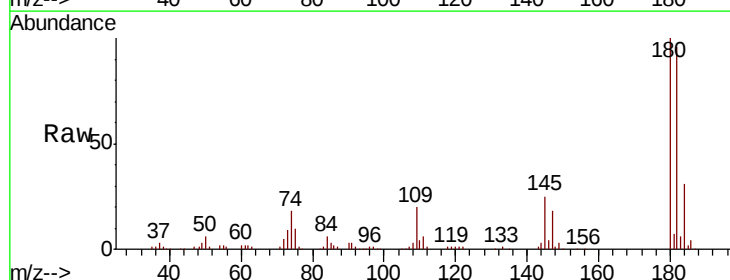


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

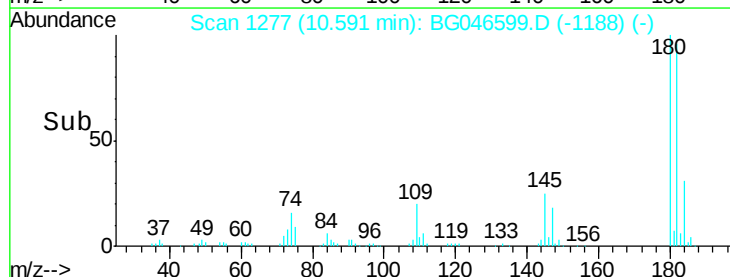
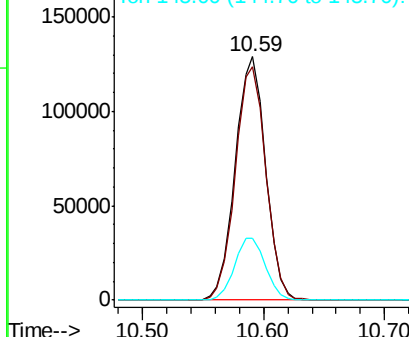


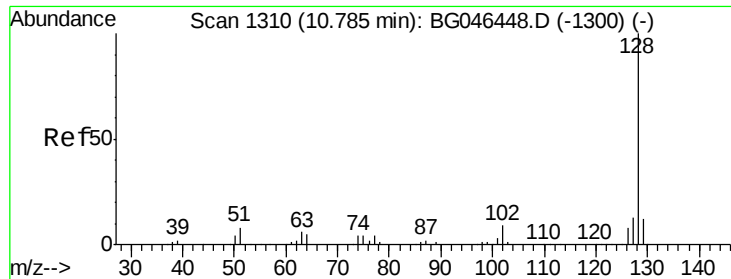
#30
 1,2,4-Trichlorobenzene
 Concen: 36.810 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.8	116.8
145	25.3	20.9	31.3



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

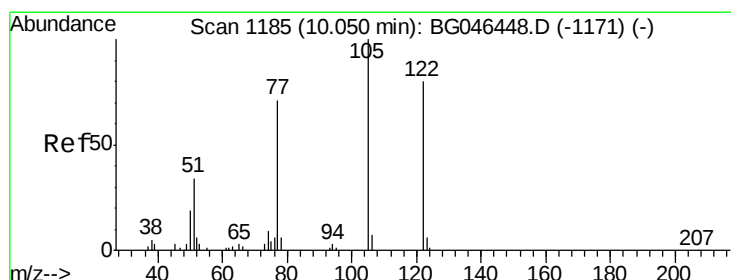
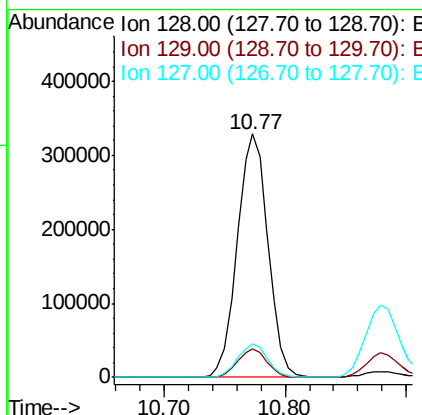
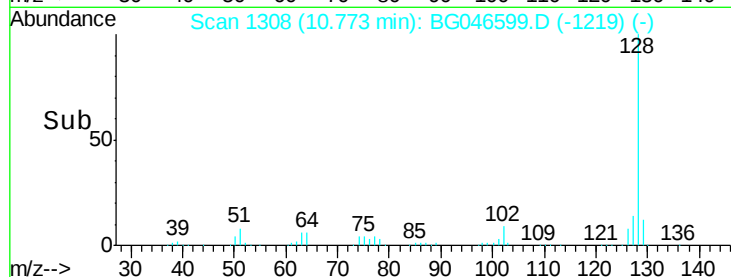
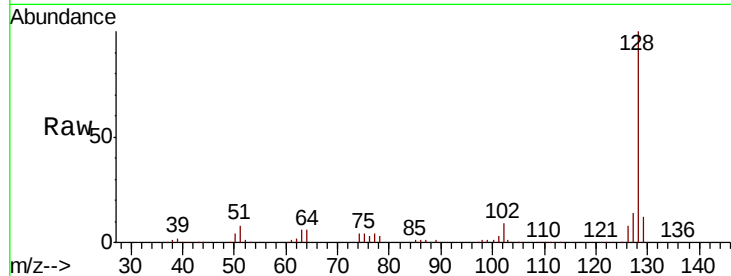




#31
Naphthalene
Concen: 38.447 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

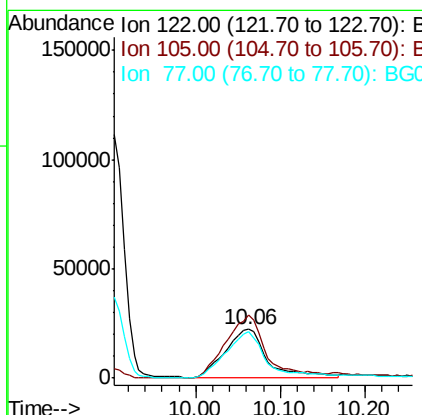
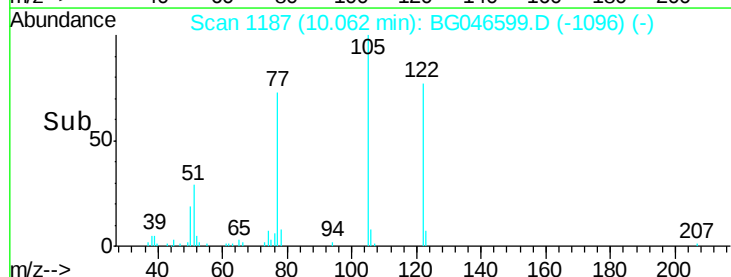
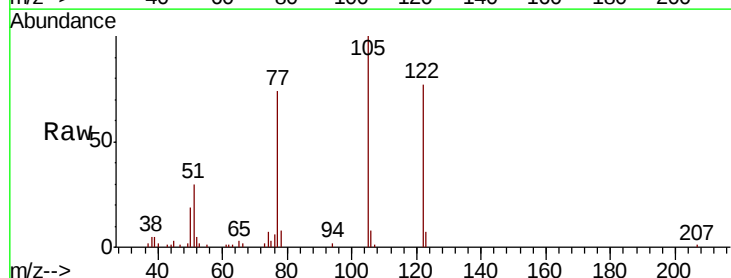
Instrument :
BNA_G
ClientSampleId :
PB131544BSD

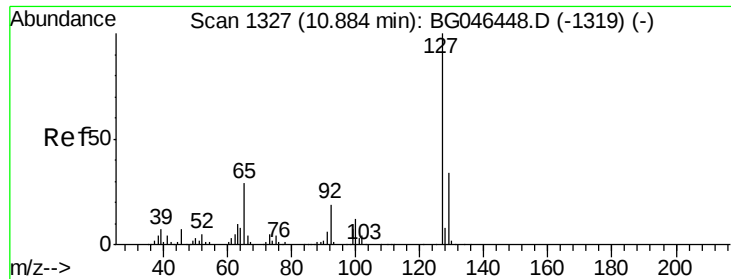
Tot Ion:128 Resp: 580957
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 30.525 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:122 Resp: 74884
Ion Ratio Lower Upper
122 100
105 129.2 102.5 142.5
77 95.4 68.2 108.2

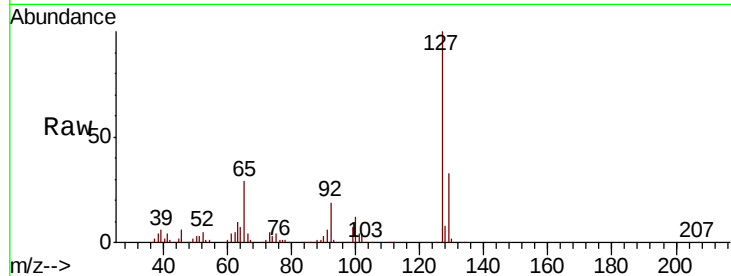




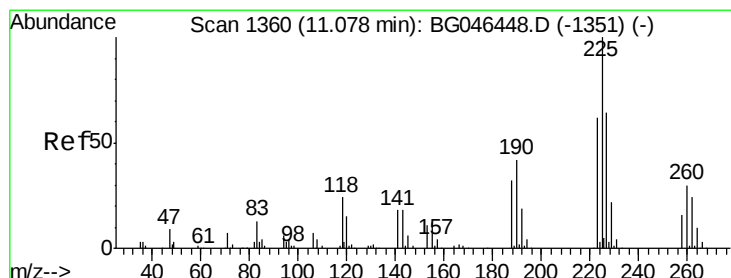
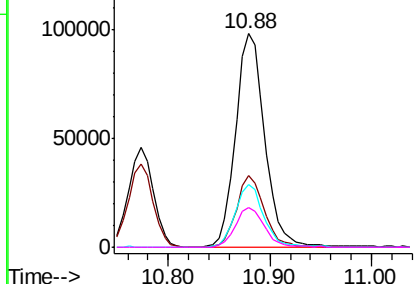
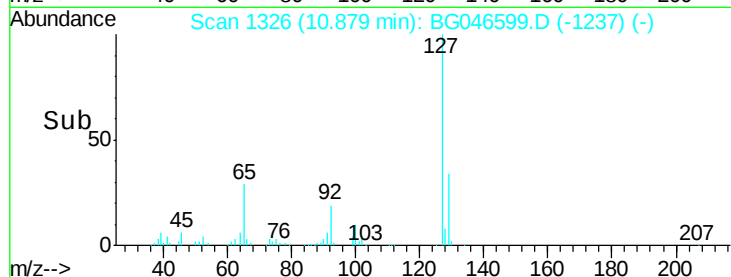
#33
4-Chloroaniline
Concen: 29.428 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion:127	Resp:	196085
Ion Ratio	Lower	Upper
127	100	
129	33.4	27.0 40.4
65	29.4	23.5 35.3
92	18.7	14.9 22.3

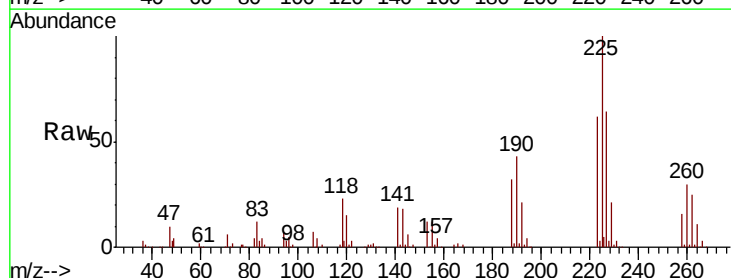


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

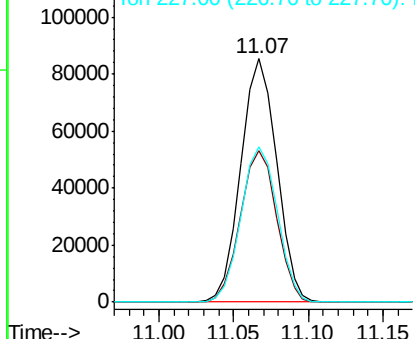
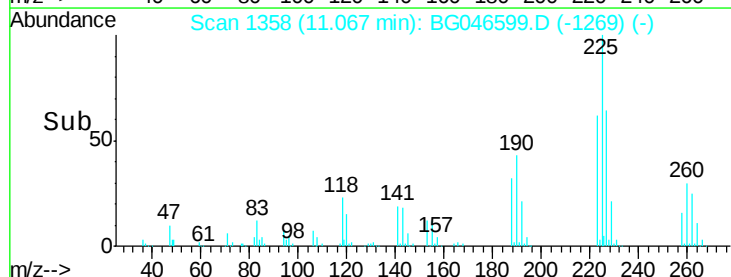


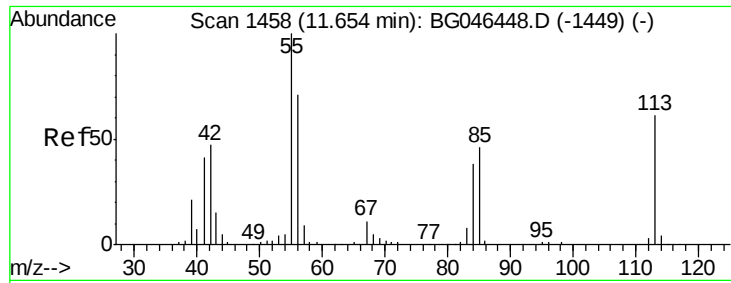
#34
Hexachlorobutadiene
Concen: 35.782 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:225	Resp:	142620
Ion Ratio	Lower	Upper
225	100	
223	62.4	49.9 74.9
227	63.7	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: 24.666 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

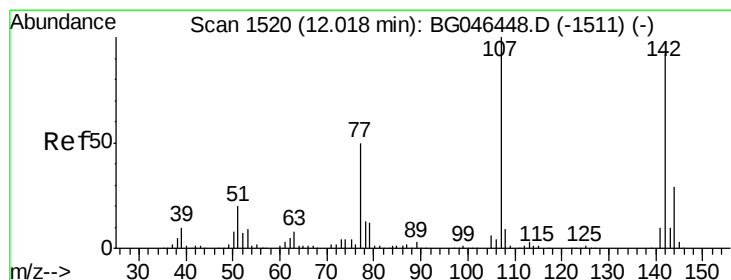
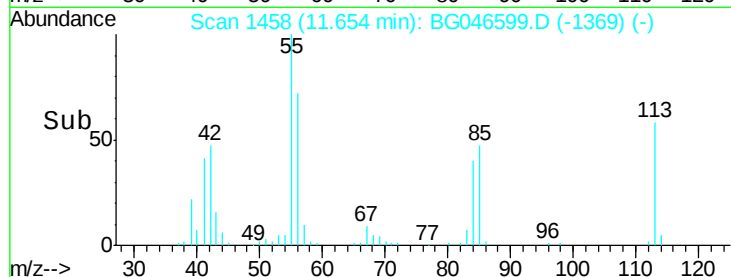
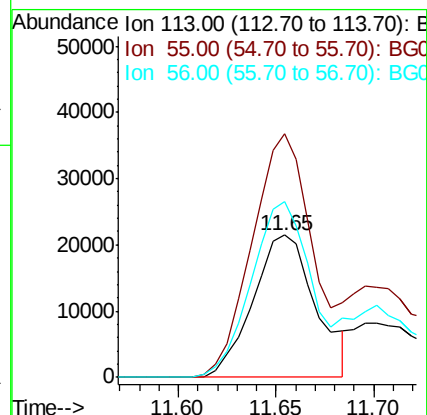
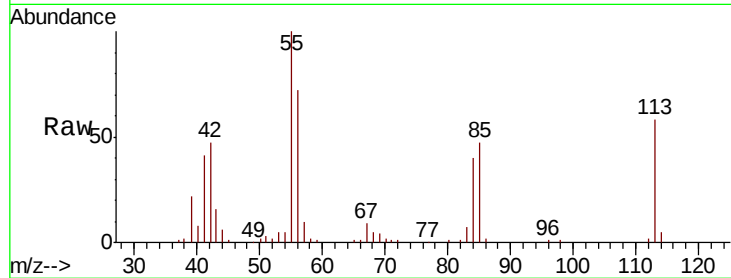
Tot Ion:113 Resp: 47714

Ion Ratio Lower Upper

113 100

55 171.3 144.2 184.2

56 124.0 97.0 137.0



#36

4-Chloro-3-methylphenol

Concen: 42.139 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

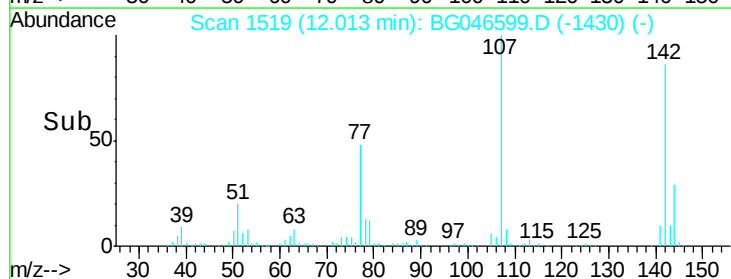
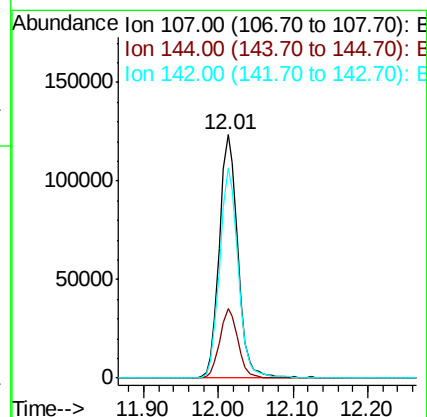
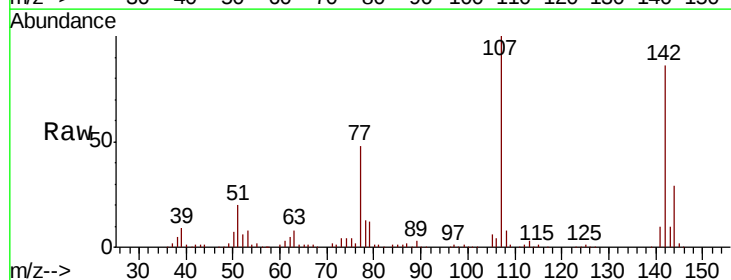
Tgt Ion:107 Resp: 213283

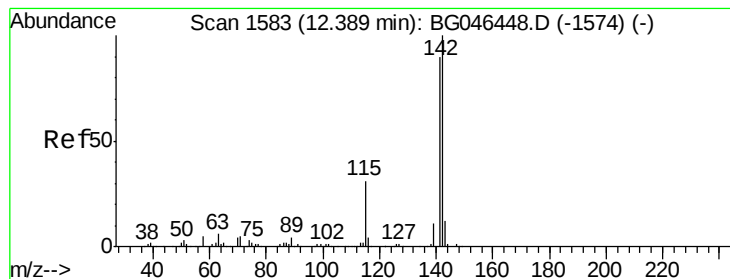
Ion Ratio Lower Upper

107 100

144 28.5 23.3 34.9

142 86.4 73.7 110.5





#37

2-Methylnaphthalene

Concen: 39.548 ng

RT: 12.38 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

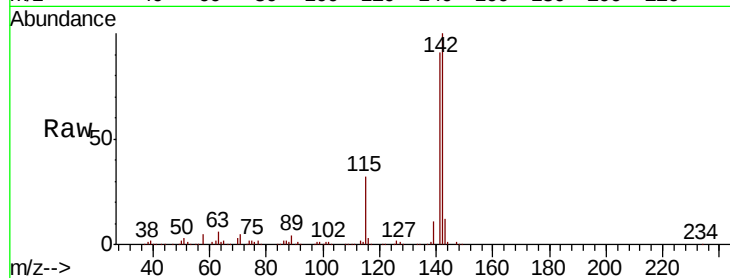
Tot Ion:142 Resp: 471317

Ion Ratio Lower Upper

142 100

141 90.5 72.1 108.1

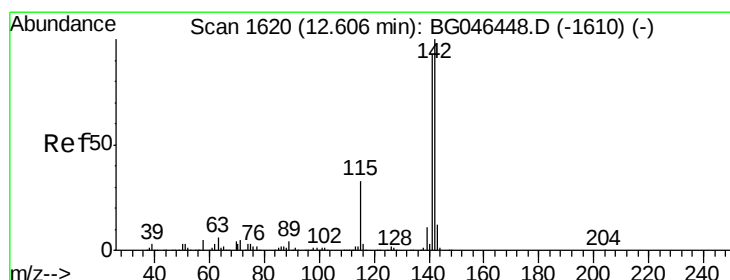
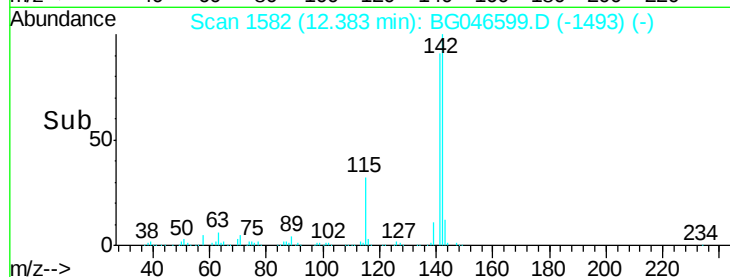
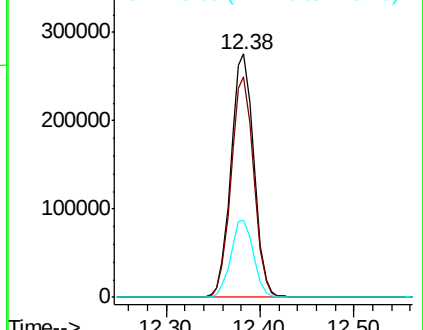
115 31.6 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.412 ng

RT: 12.60 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

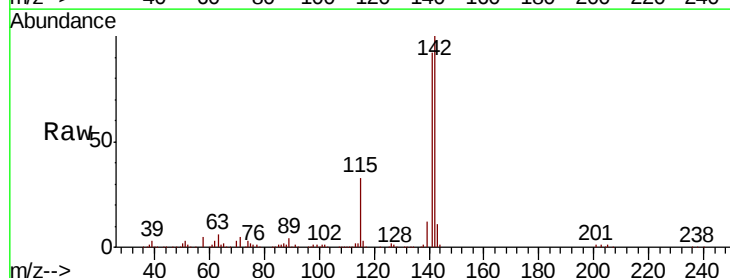
Tgt Ion:142 Resp: 444903

Ion Ratio Lower Upper

142 100

141 92.0 74.7 112.1

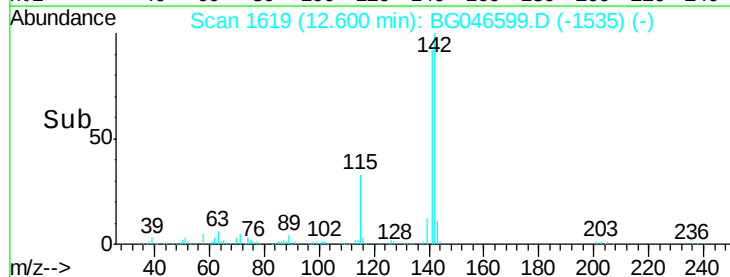
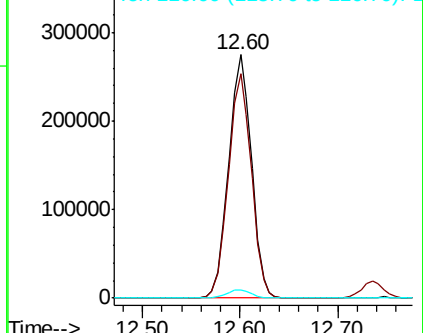
116 3.4 2.6 4.0

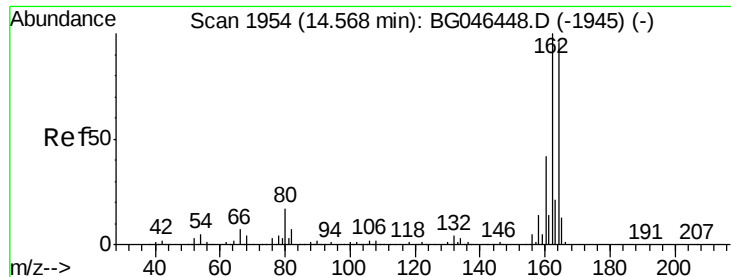


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

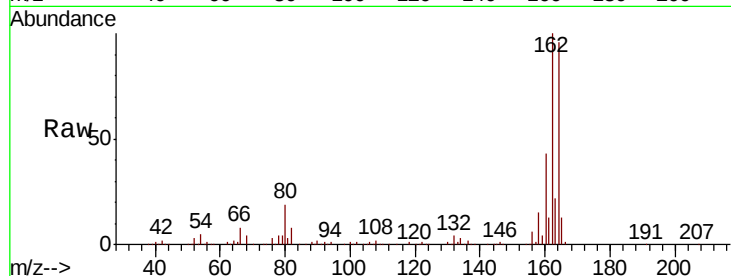
Tot Ion:164 Resp: 212576

Ion Ratio Lower Upper

164 100

162 104.0 83.3 124.9

160 44.9 35.0 52.6

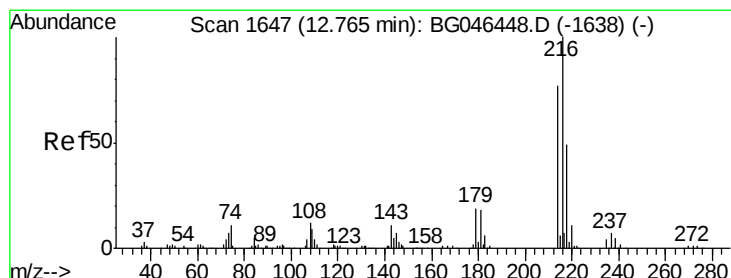
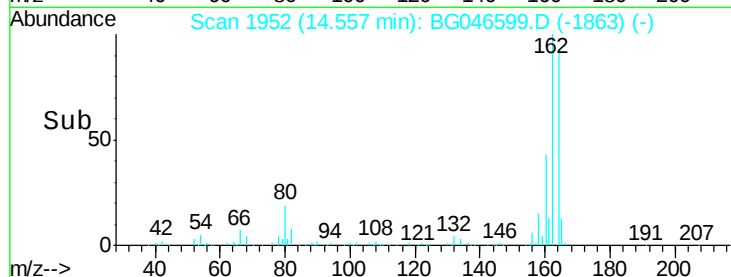
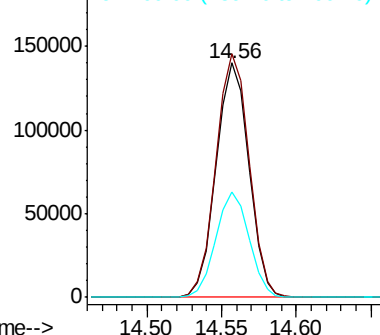


Abundance

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: 39.883 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Tgt Ion:216 Resp: 279581

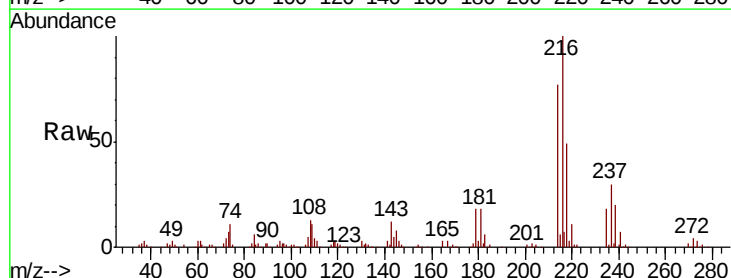
Ion Ratio Lower Upper

216 100

214 77.5 62.1 93.1

179 18.5 14.9 22.3

108 14.4 10.5 15.7



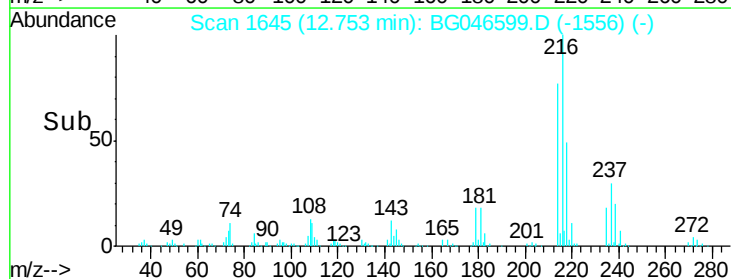
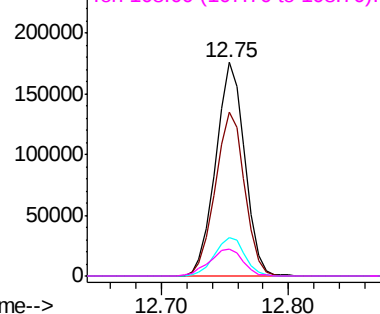
Abundance

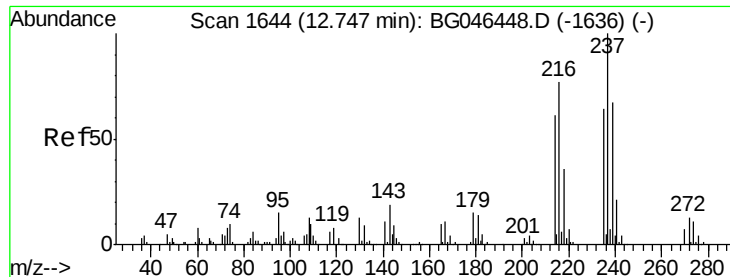
Ion 216.00 (215.70 to 216.70): E

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: 97.544 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

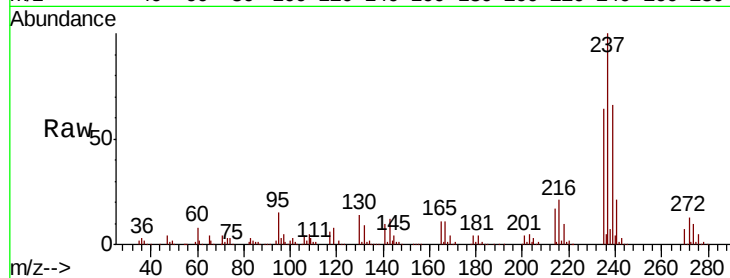
Tot Ion:237 Resp: 297323

Ion Ratio Lower Upper

237 100

235 63.5 44.5 84.5

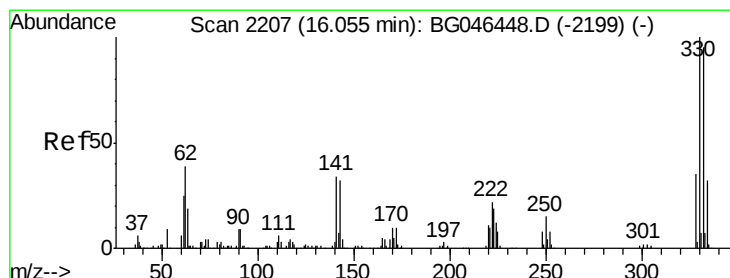
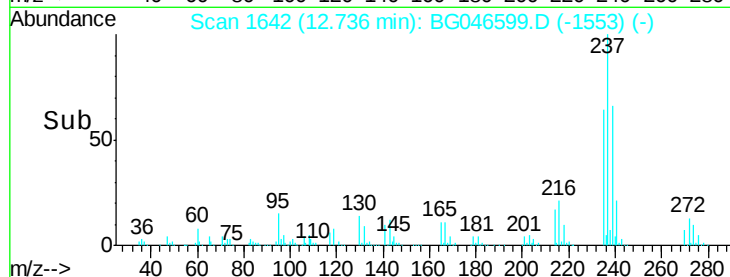
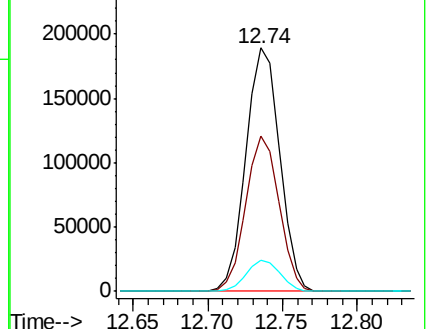
272 12.7 0.0 32.8



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: 96.191 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

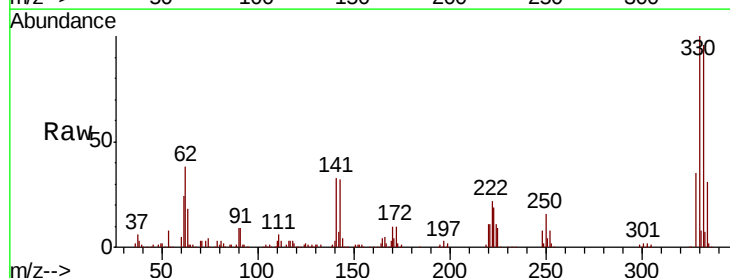
Tgt Ion:330 Resp: 277055

Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

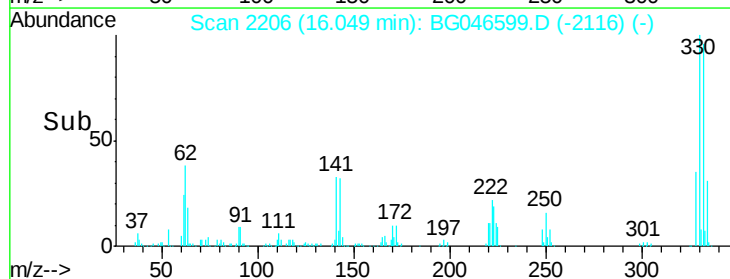
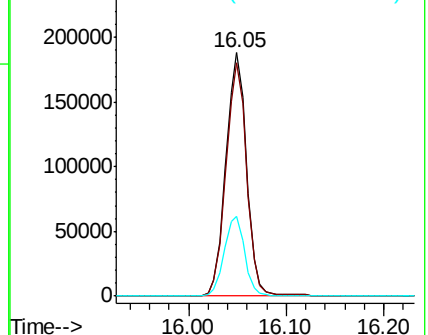
141 32.7 26.1 39.1

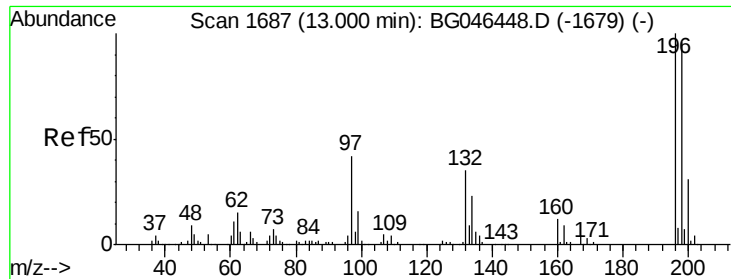


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

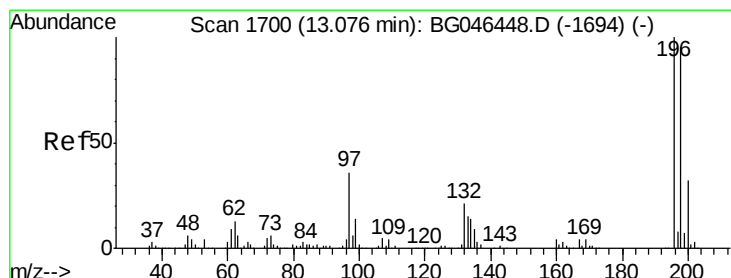
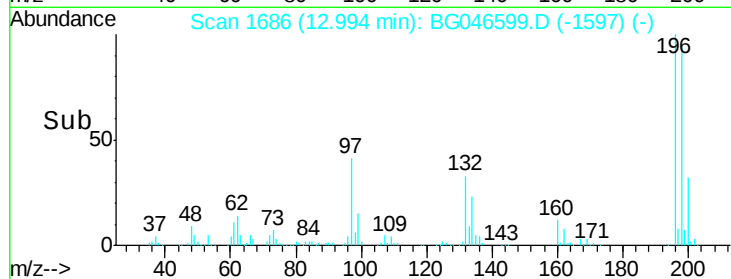
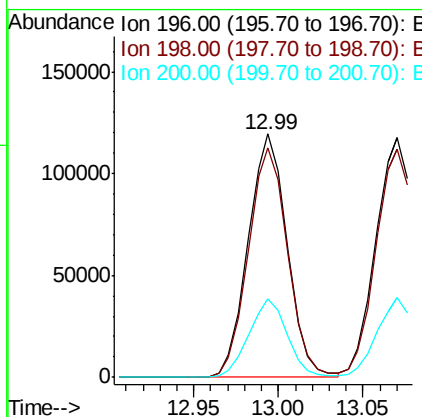
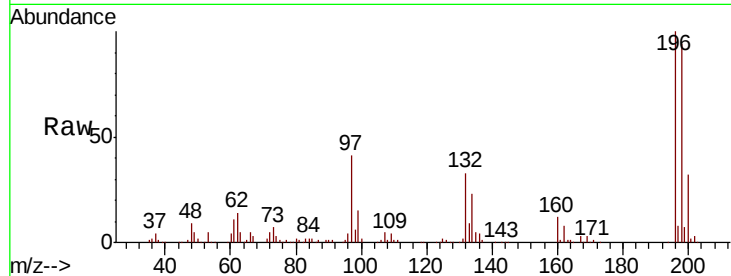




#43
 2,4,6-Trichlorophenol
 Concen: 40.546 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

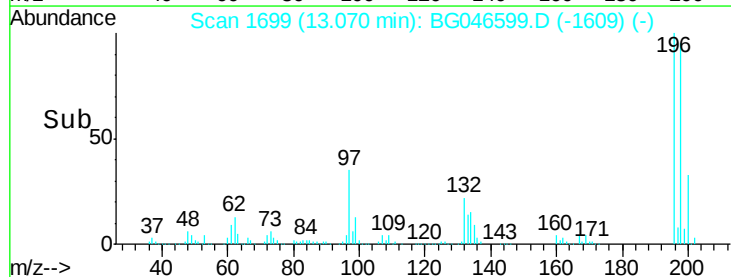
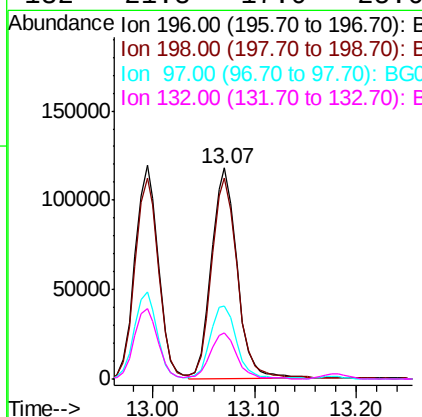
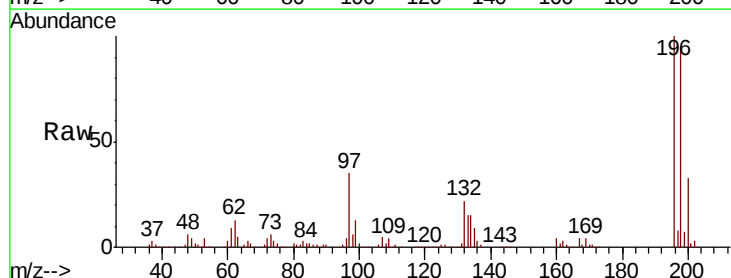
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

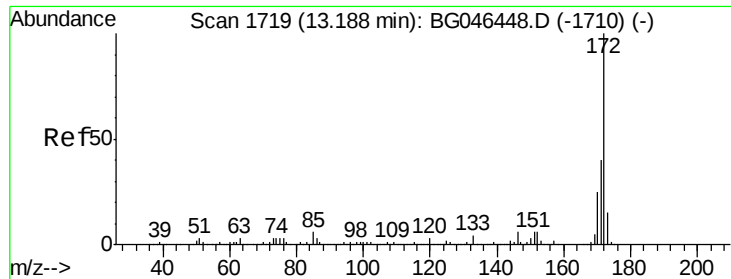
Tot Ion:196 Resp: 191804
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.0 115.6
 200 32.4 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.501 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion:196 Resp: 206268
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.6 113.4
 97 34.8 28.6 43.0
 132 21.8 17.0 25.6



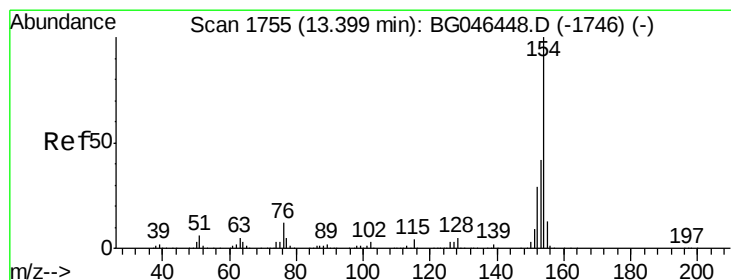
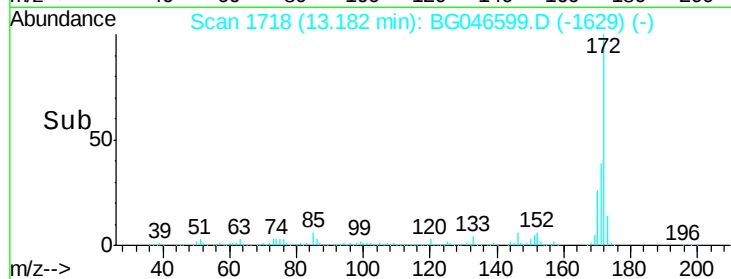
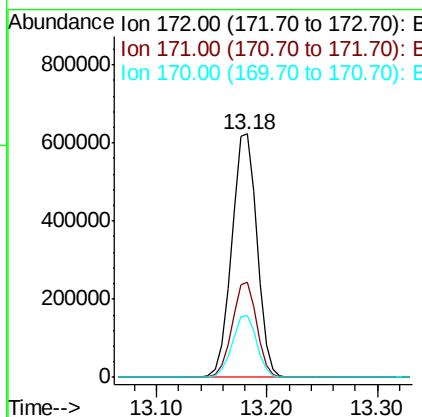
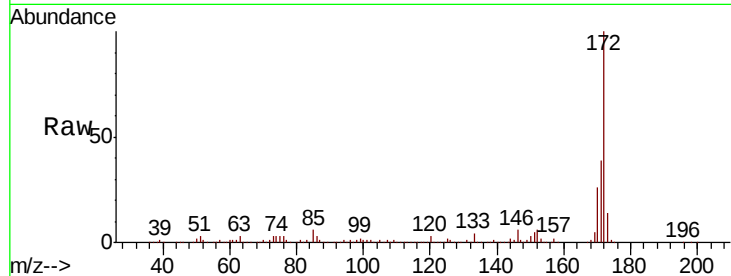


#45
 2-Fluorobiphenyl
 Concen: 72.049 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

Tot Ion:172 Resp: 1003294

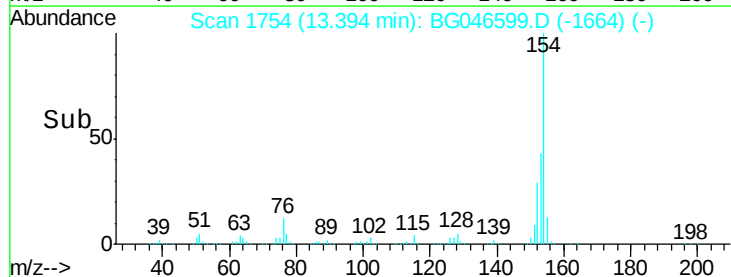
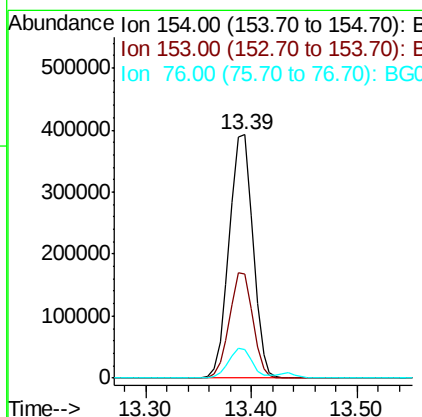
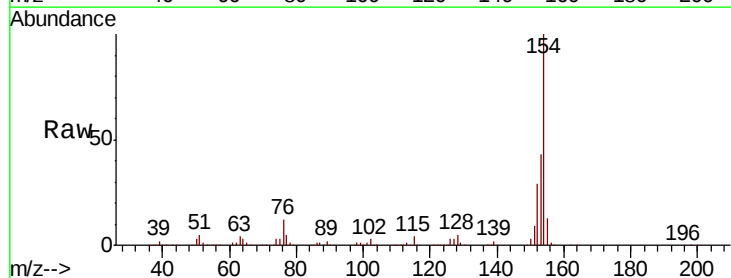
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.8	47.6
170	25.5	20.3	30.5

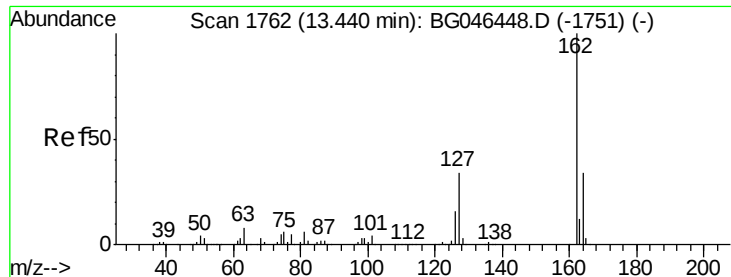


#46
 1,1'-Biphenyl
 Concen: 41.256 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion:154 Resp: 610170

Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	11.8	0.0	32.3

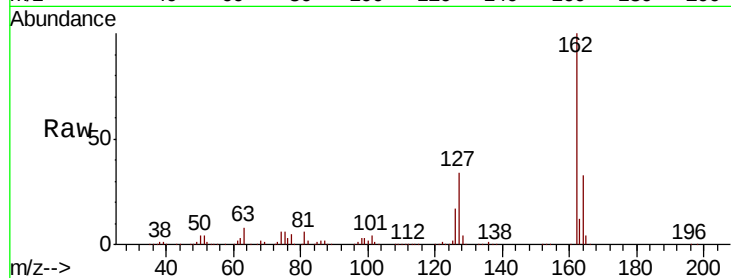




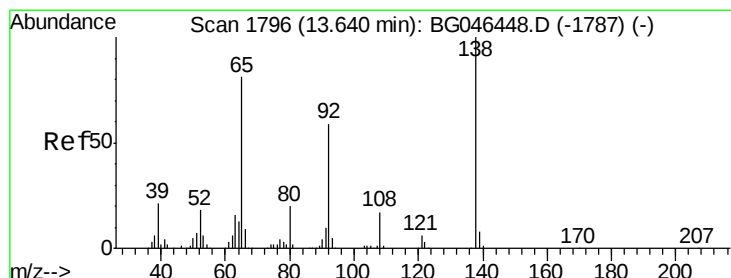
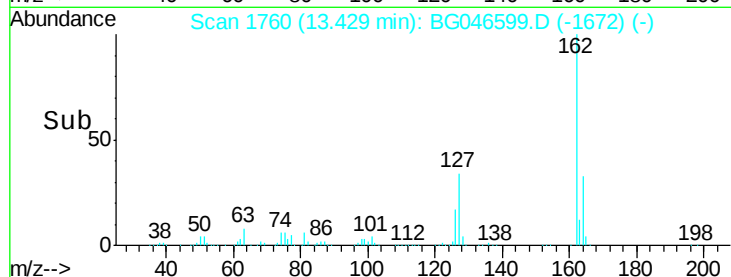
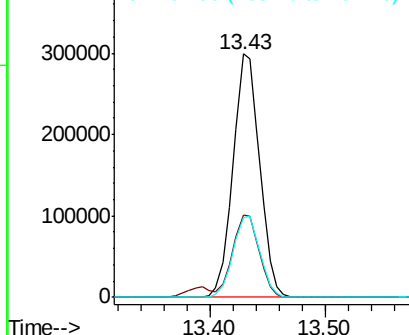
#47
2-Chloronaphthalene
Concen: 37.996 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.0	27.6	41.4
164	33.0	27.3	40.9

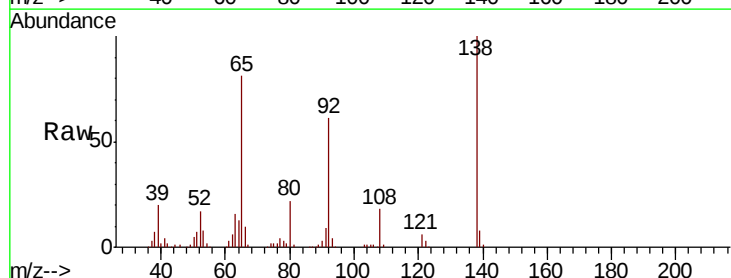


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

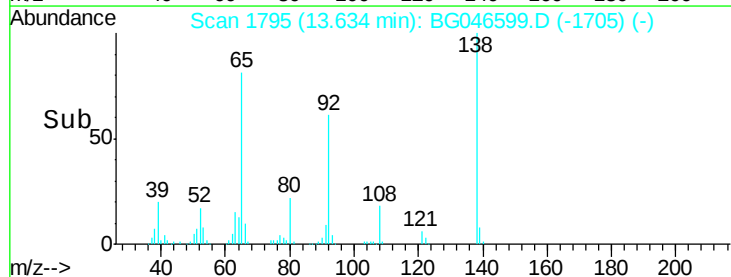
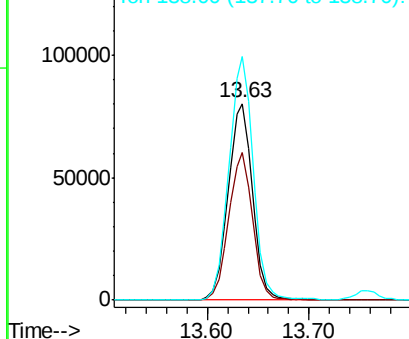


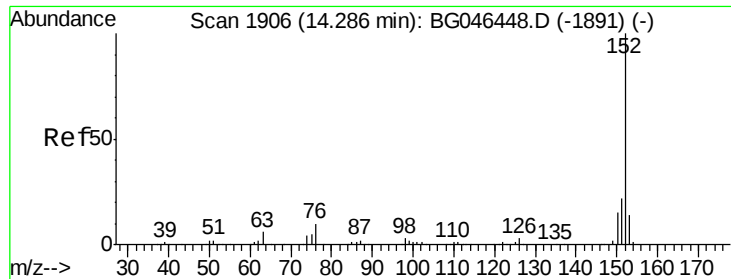
#48
2-Nitroaniline
Concen: 38.539 ng
RT: 13.63 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	58.5	87.7
138	123.9	98.4	147.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.677 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

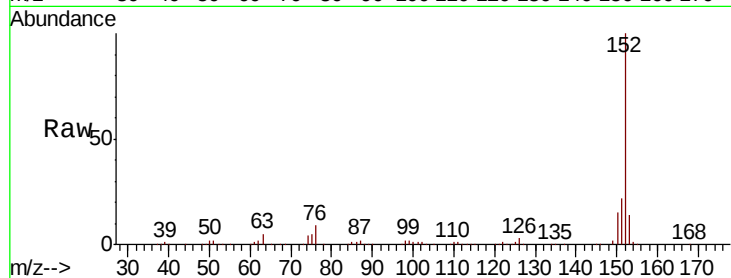
Tot Ion:152 Resp: 773738

Ion Ratio Lower Upper

152 100

151 22.1 17.7 26.5

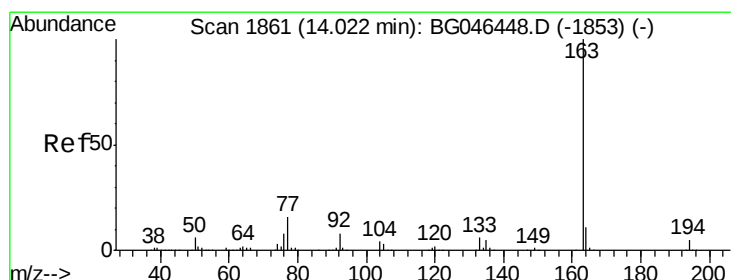
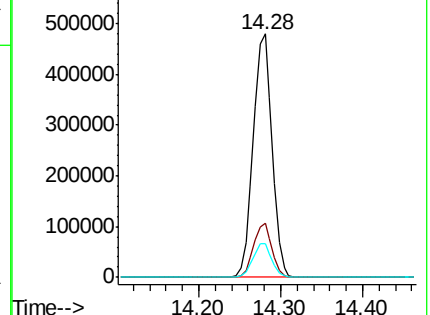
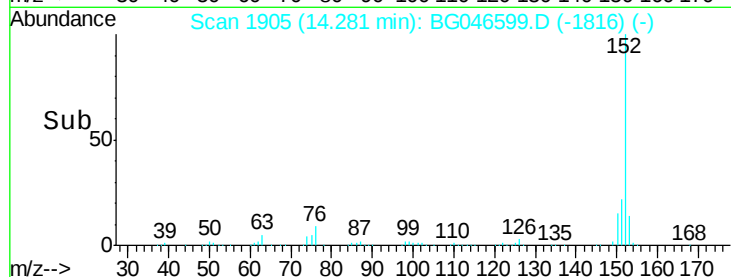
153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.500 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

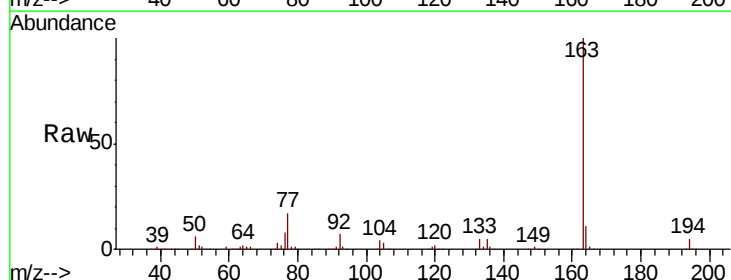
Tgt Ion:163 Resp: 633163

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

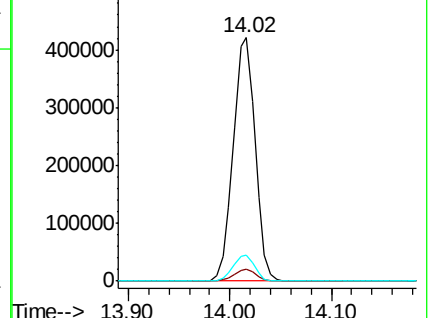
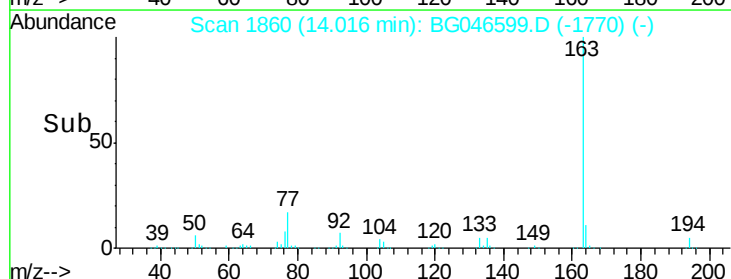
164 10.7 8.6 12.8

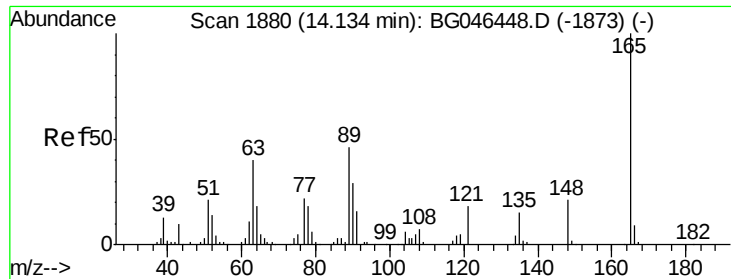


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.483 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

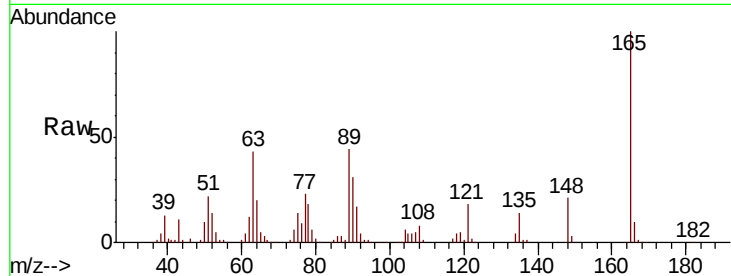
Tot Ion:165 Resp: 146761

Ion Ratio Lower Upper

165 100

63 43.0 34.2 51.4

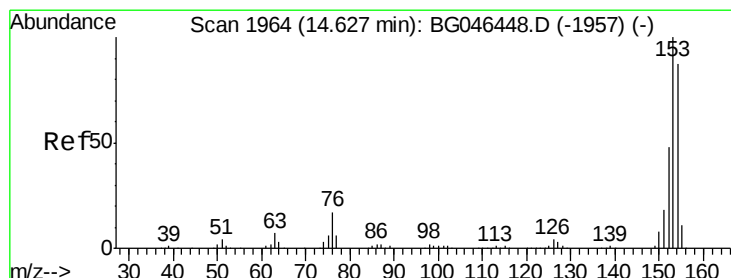
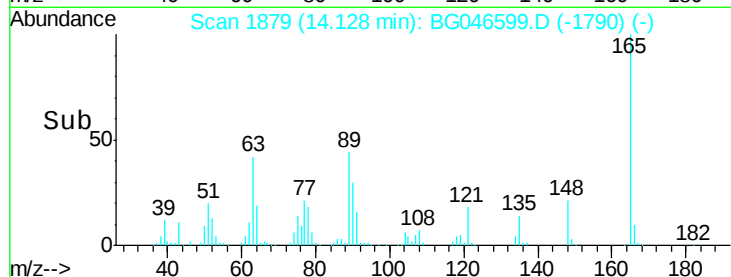
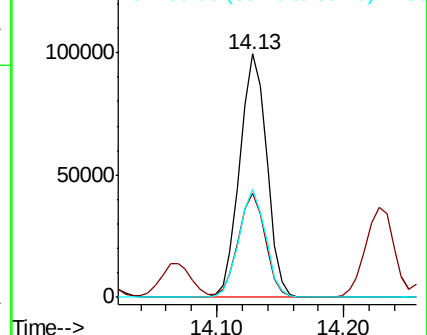
89 44.3 37.0 55.4



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: 38.823 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

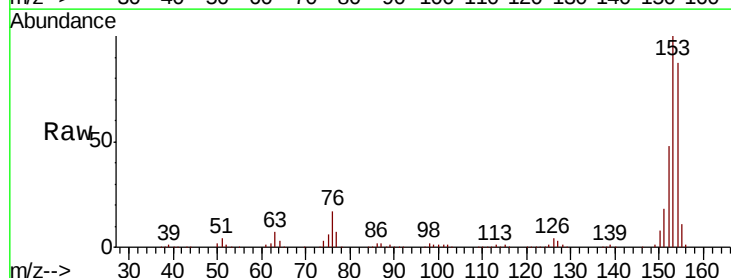
Tgt Ion:154 Resp: 457619

Ion Ratio Lower Upper

154 100

153 114.8 91.9 137.9

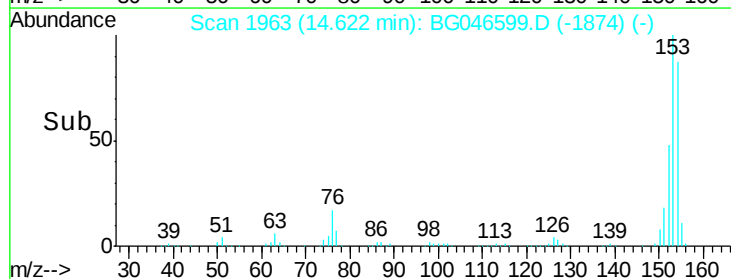
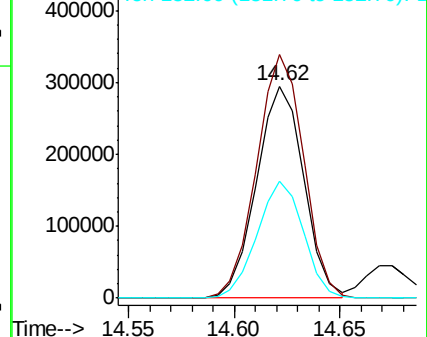
152 55.3 43.8 65.6

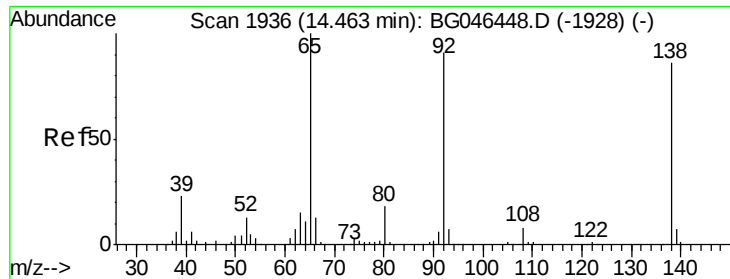


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.171 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

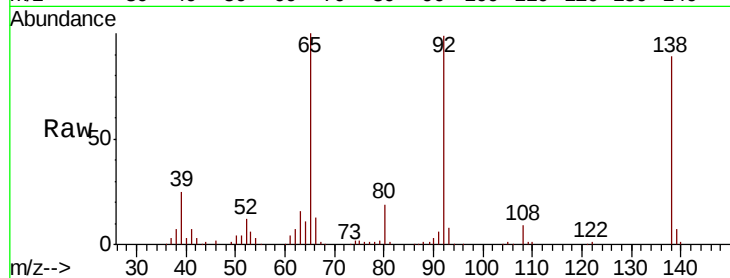
Tot Ion:138 Resp: 118477

Ion Ratio Lower Upper

138 100

108 9.8 7.0 10.6

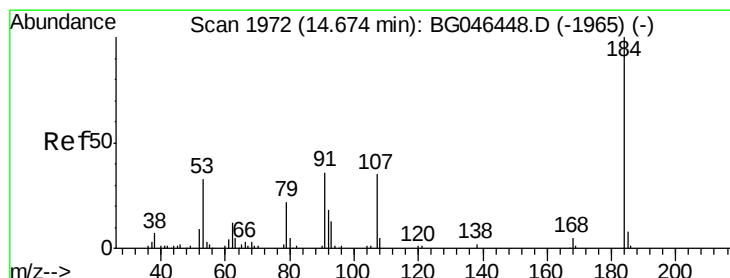
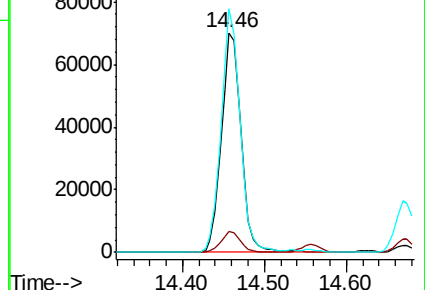
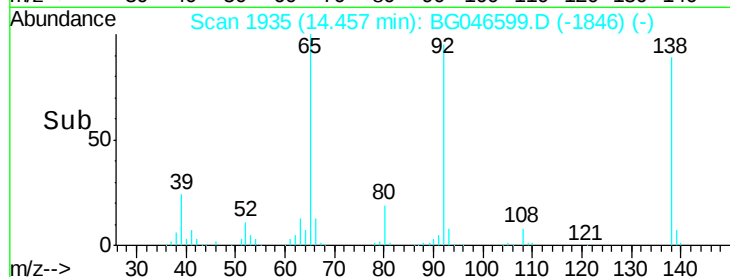
92 110.9 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 71.003 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

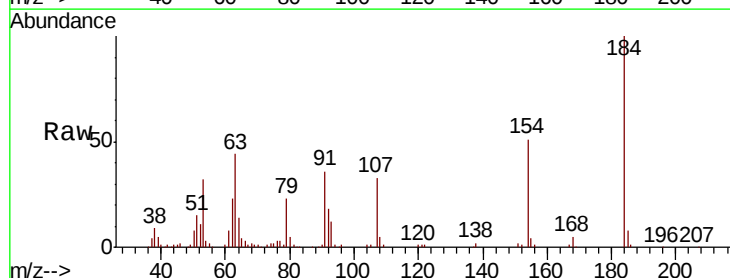
Tgt Ion:184 Resp: 150248

Ion Ratio Lower Upper

184 100

63 44.3 35.6 53.4

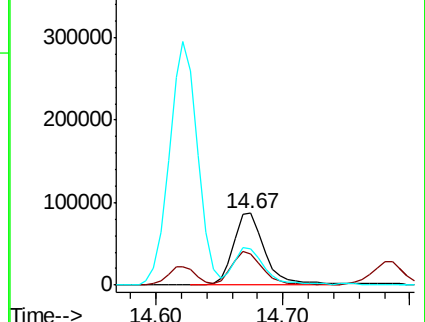
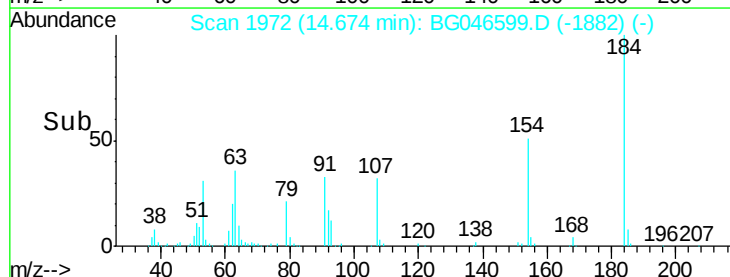
154 51.4 44.3 66.5

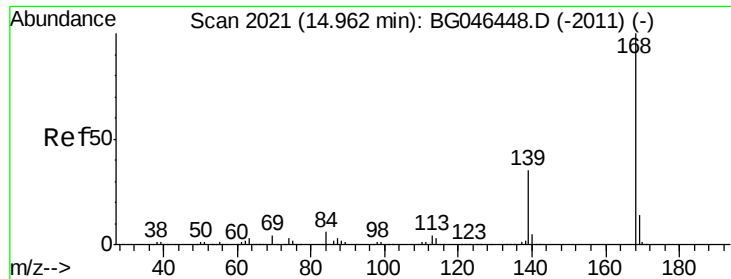


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

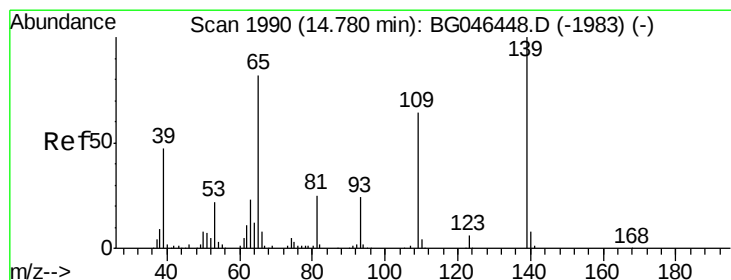
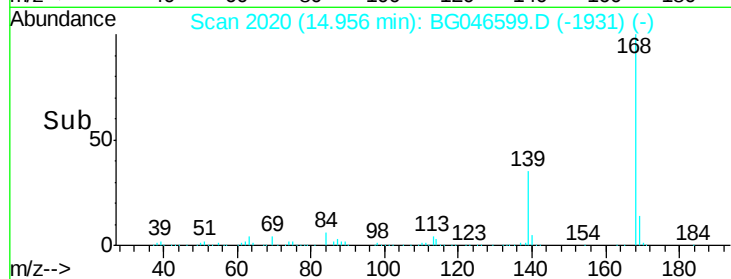
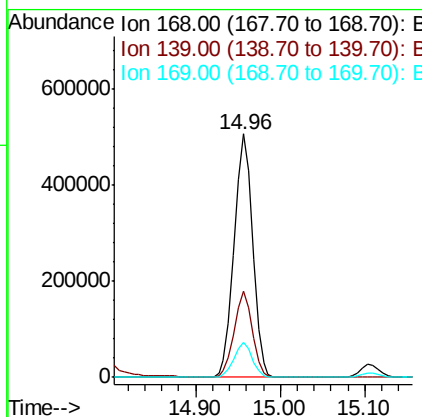
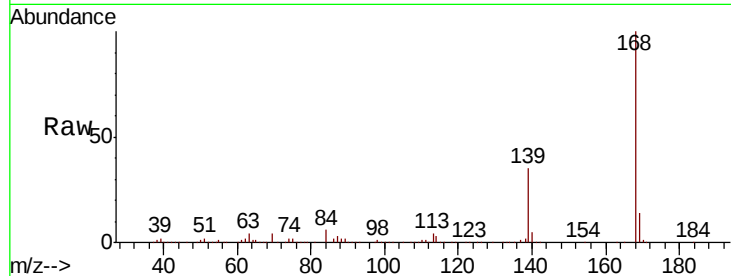




#55
Dibenzenofuran
Concen: 40.048 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

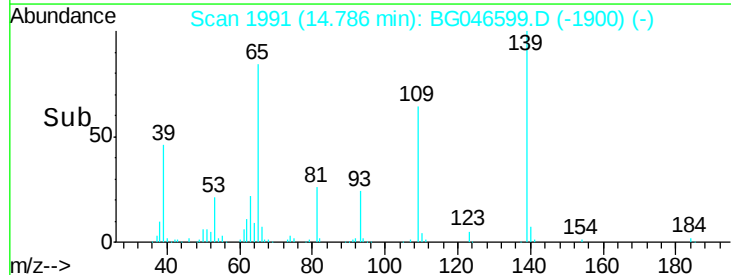
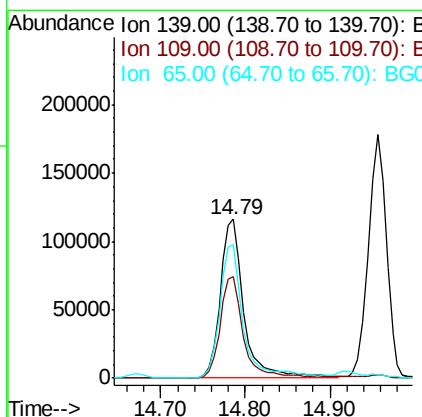
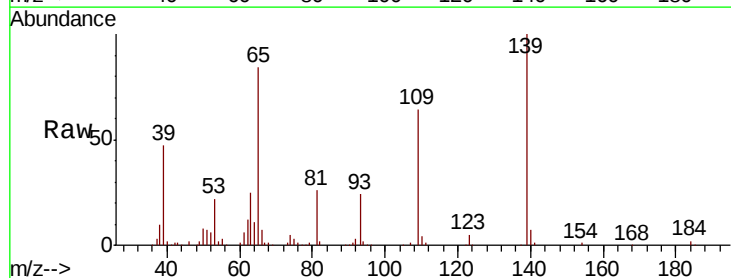
Instrument :
BNA_G
ClientSampleId :
PB131544BSD

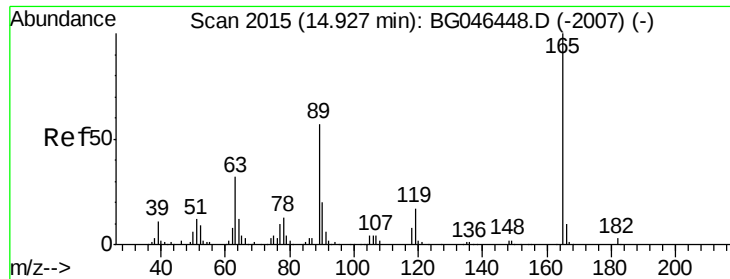
Tot Ion:168 Resp: 757589
Ion Ratio Lower Upper
168 100
139 35.2 28.1 42.1
169 14.3 11.5 17.3



#56
4-Nitrophenol
Concen: 78.030 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:139 Resp: 225508
Ion Ratio Lower Upper
139 100
109 64.1 44.3 84.3
65 84.3 61.5 101.5

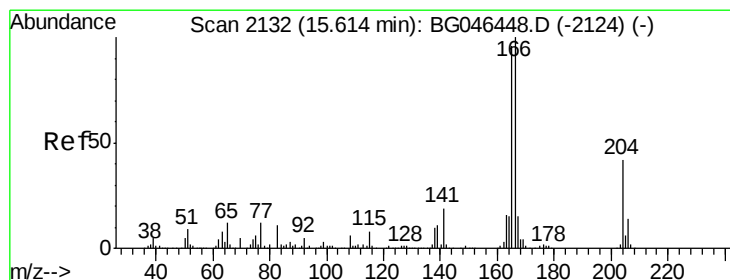
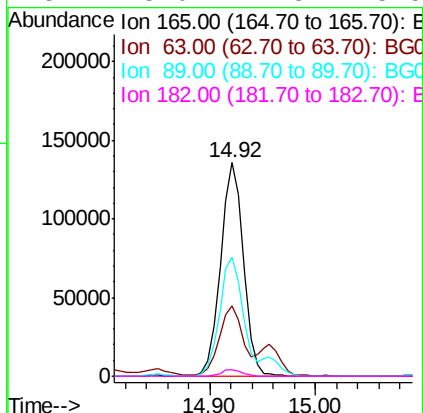
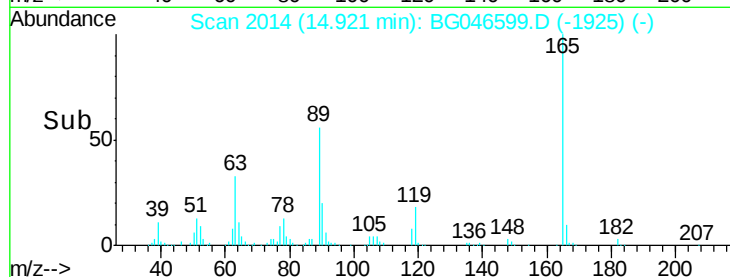
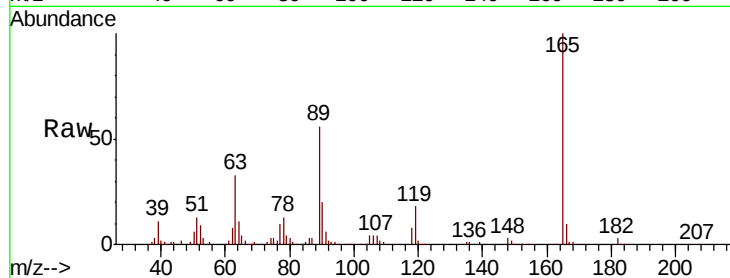




#57
 2,4-Dinitrotoluene
 Concen: 39.455 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

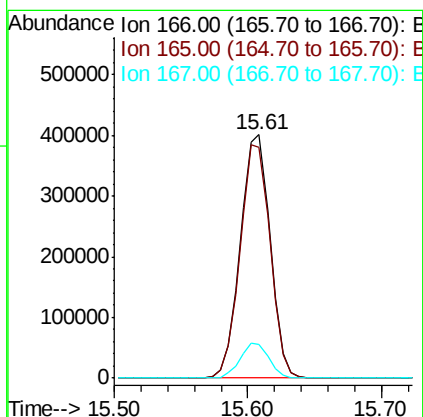
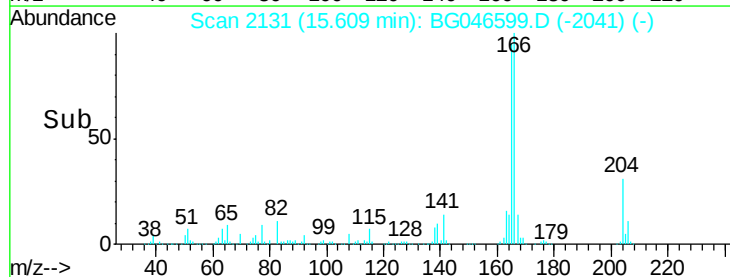
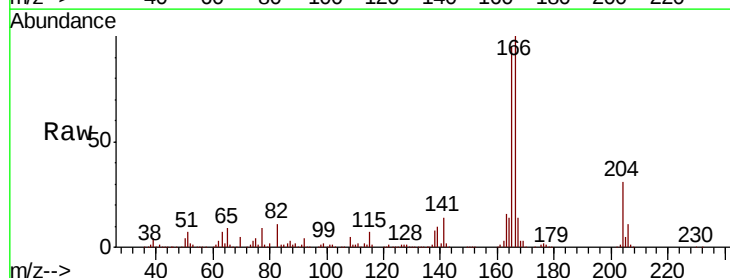
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

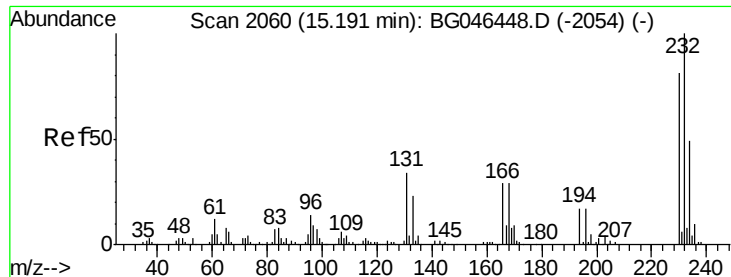
Tot Ion:165	Resp:	203950
Ion	Ratio	Lower Upper
165	100	
63	33.2	25.4 38.0
89	55.8	45.9 68.9
182	3.0	2.3 3.5



#58
 Fluorene
 Concen: 38.806 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion:166	Resp:	616121
Ion	Ratio	Lower Upper
166	100	
165	95.0	77.0 115.4
167	13.8	11.8 17.6

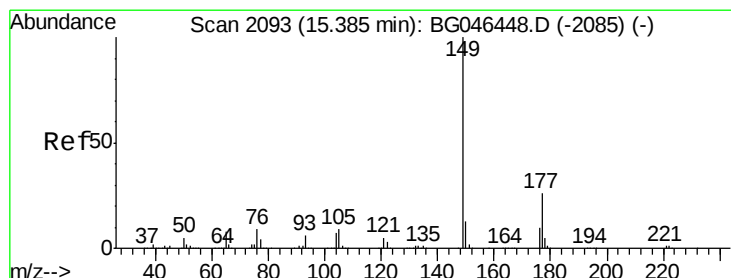
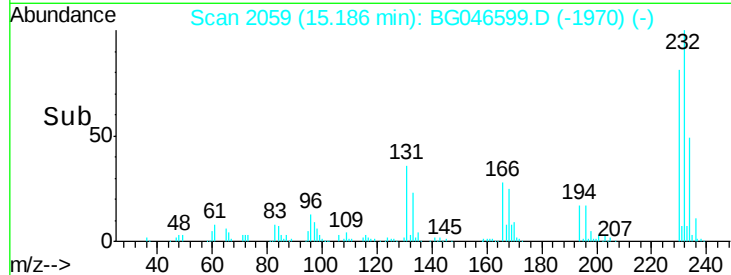
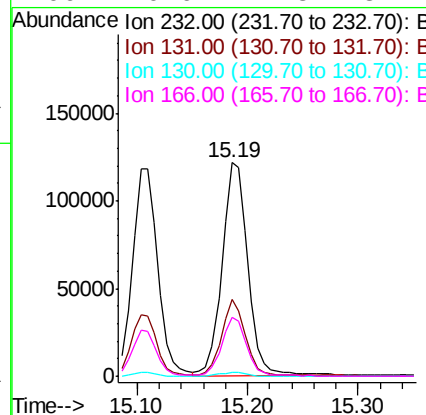
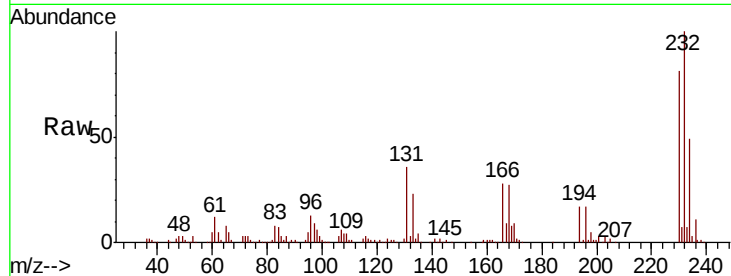




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.612 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

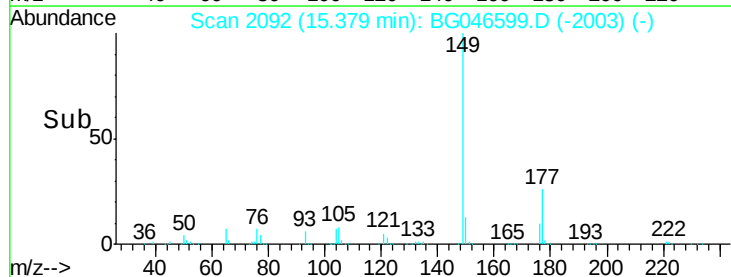
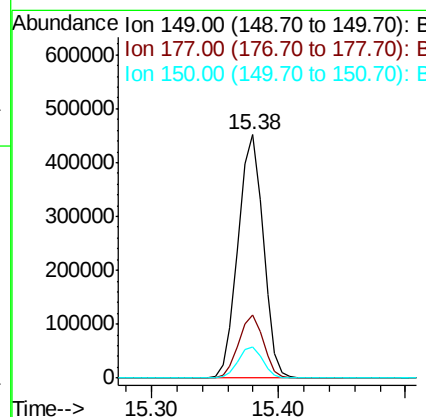
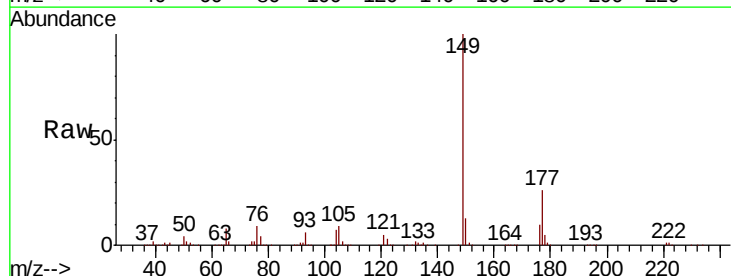
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

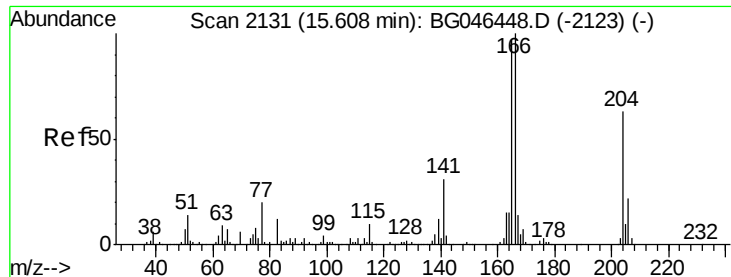
Tot Ion:	232	Resp:	196011
Ion	Ratio	Lower	Upper
232	100		
131	33.5	26.8	40.2
130	1.8	1.4	2.2
166	26.6	22.8	34.2



#60
 Diethylphthalate
 Concen: 38.587 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion:	149	Resp:	618724
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.6	30.8
150	12.7	10.3	15.5

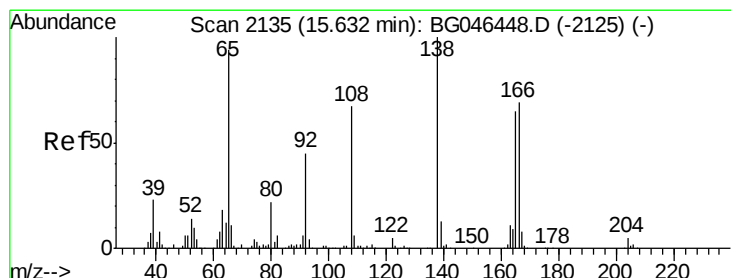
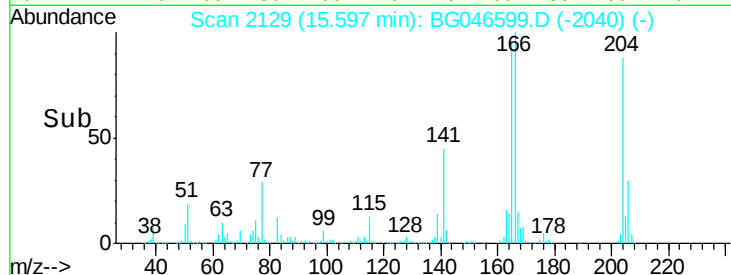
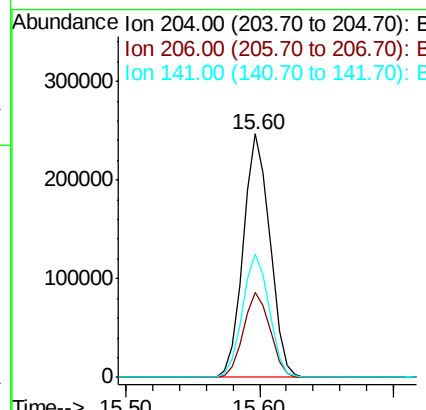
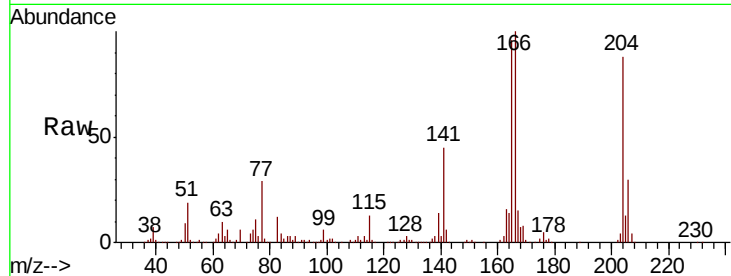




#61
 4-Chlorophenyl-phenylether
 Concen: 38.904 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

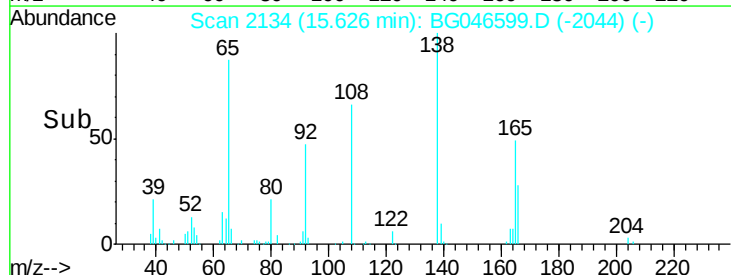
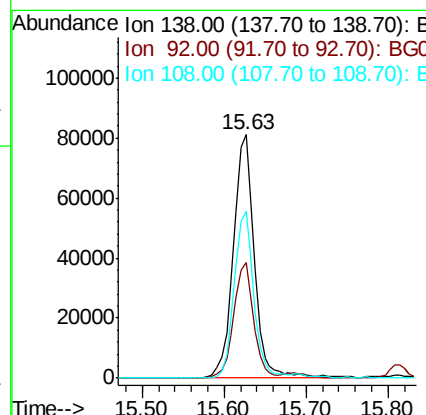
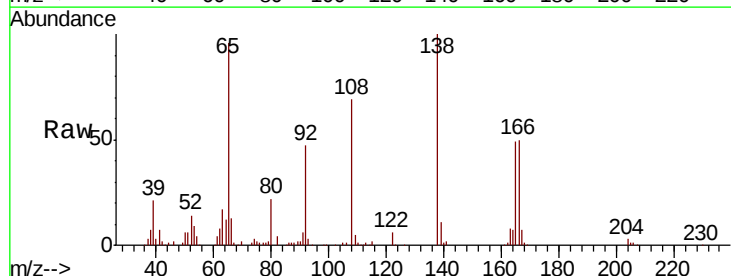
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

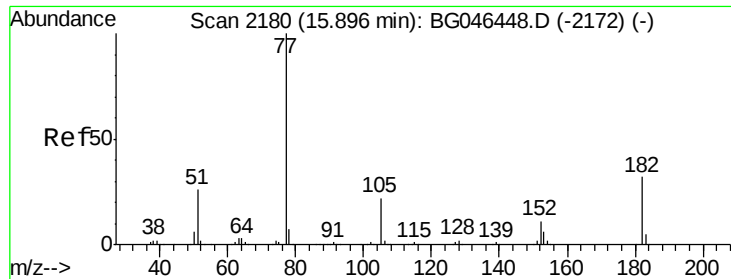
Tot Ion:204 Resp: 340177
 Ion Ratio Lower Upper
 204 100
 206 34.8 27.7 41.5
 141 50.8 38.7 58.1



#62
 4-Nitroaniline
 Concen: 35.261 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion:138 Resp: 146103
 Ion Ratio Lower Upper
 138 100
 92 47.3 25.3 65.3
 108 68.6 46.7 86.7

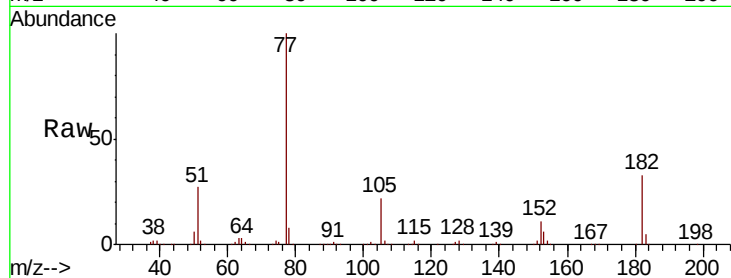




#63
Azobenzene
Concen: 40.038 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.4	12.3	52.3	
105	21.8	2.3	42.3	
51	26.9	6.5	46.5	



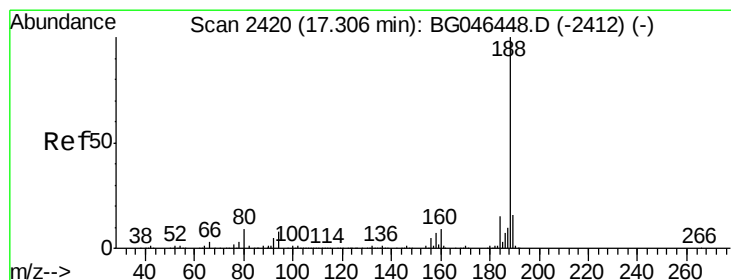
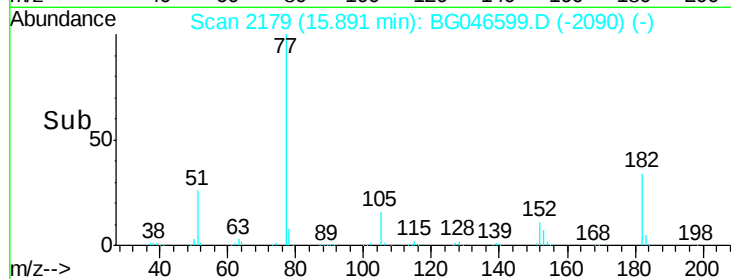
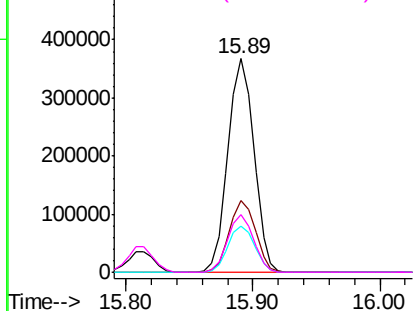
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

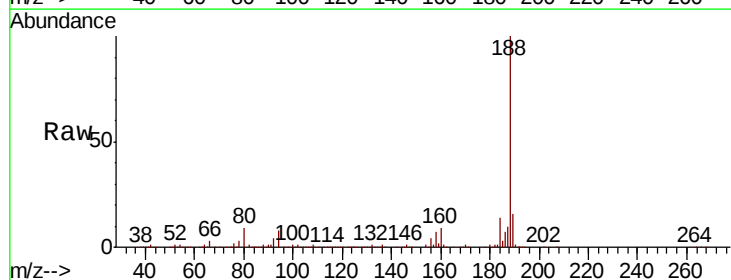
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.3	9.5	
80	9.1	6.9	10.3	

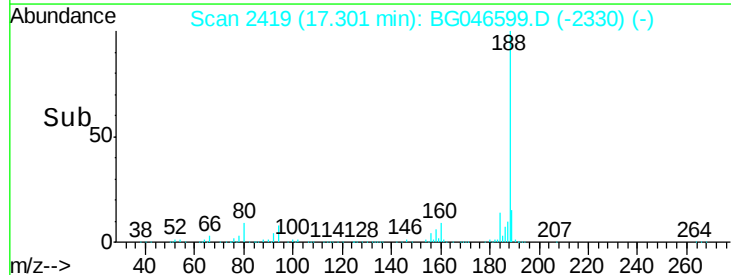
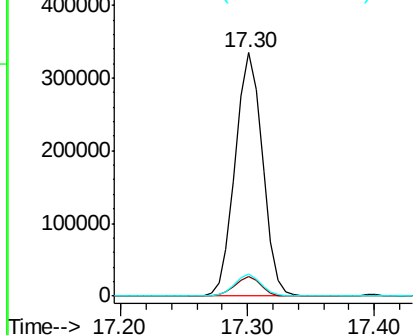


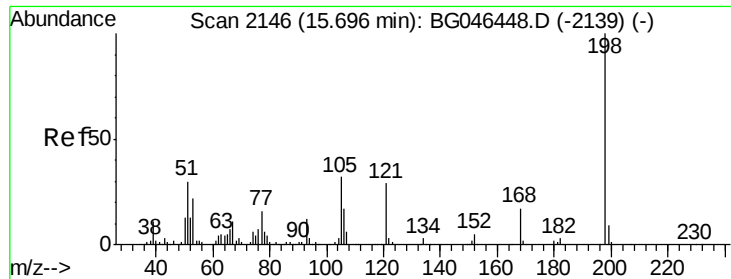
Abundance

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

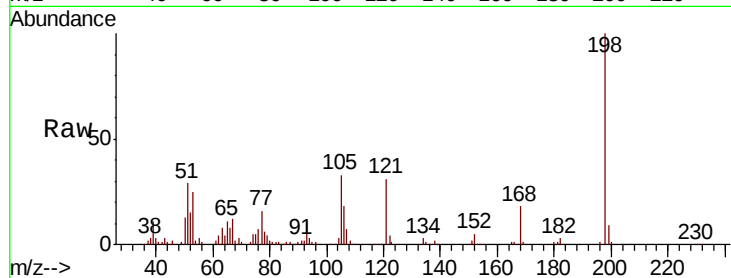




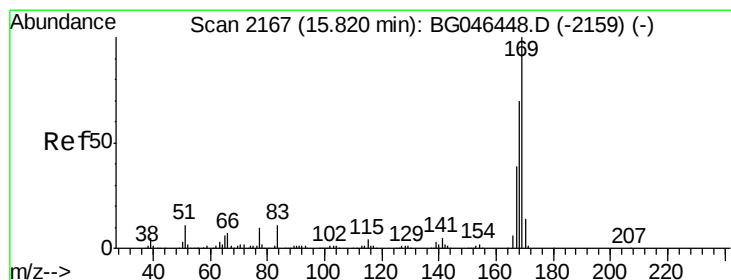
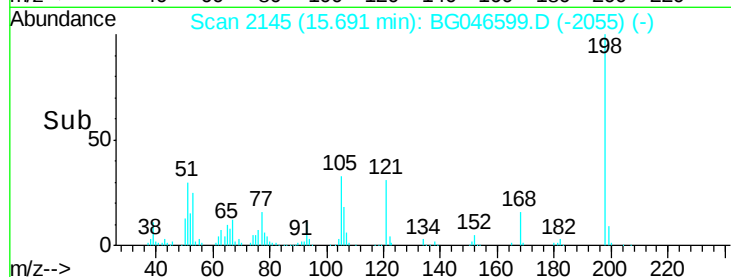
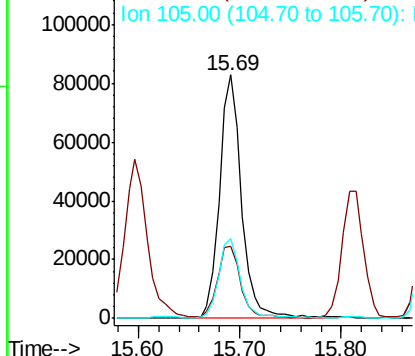
#65
4,6-Dinitro-2-methylphenol
Concen: 43.995 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Instrument :
BNA_G
ClientSampled :
PB131544BSD

Tot Ion:198 Resp: 124646
Ion Ratio Lower Upper
198 100
51 29.5 10.4 50.4
105 32.9 12.4 52.4

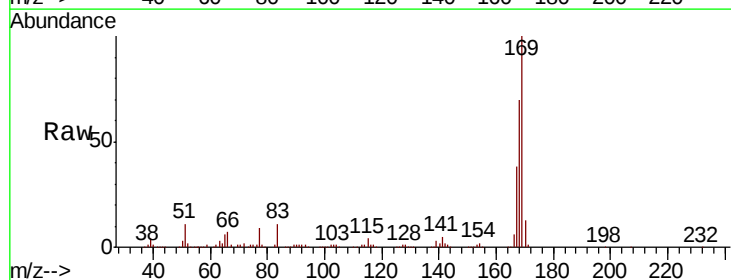


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

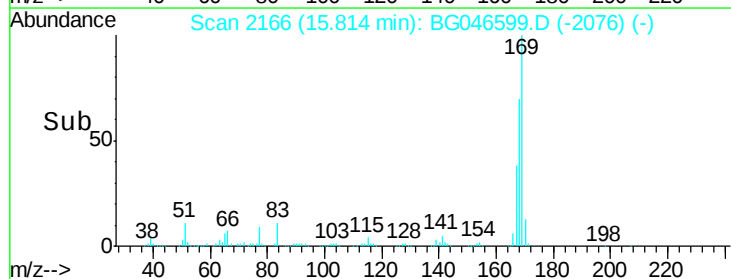
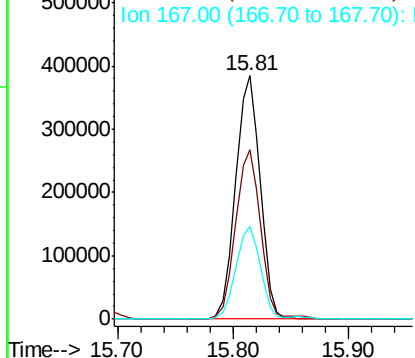


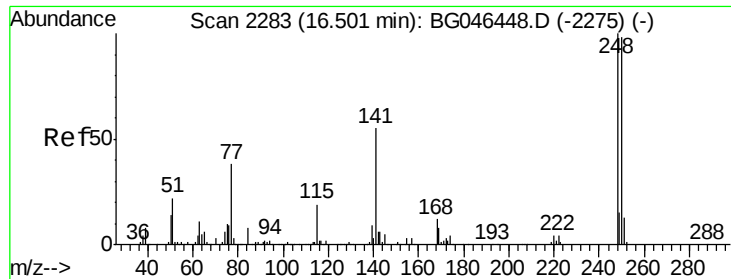
#66
n-Nitrosodiphenylamine
Concen: 41.798 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:169 Resp: 564446
Ion Ratio Lower Upper
169 100
168 69.8 55.8 83.8
167 37.9 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

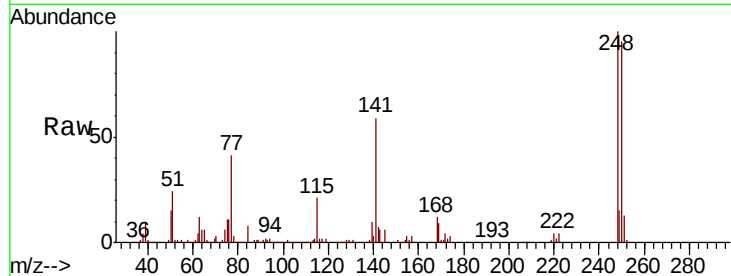




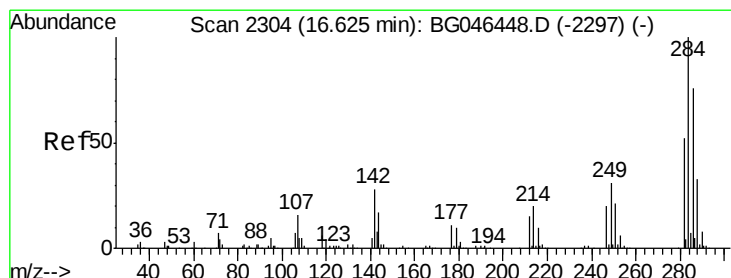
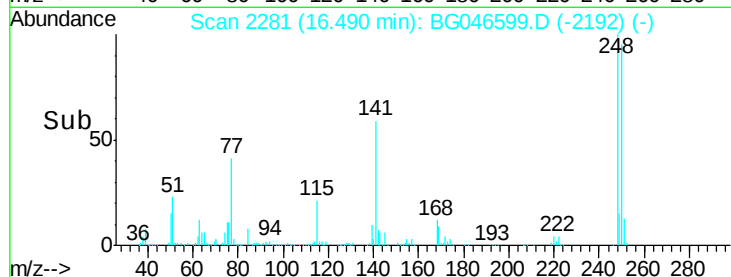
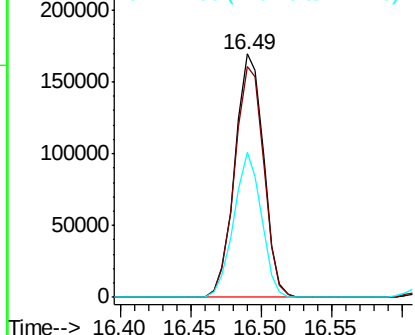
#67
 4-Bromophenyl-phenylether
 Concen: 41.208 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

Tot Ion:248 Resp: 240652
 Ion Ratio Lower Upper
 248 100
 250 95.0 78.6 118.0
 141 59.5 43.9 65.9

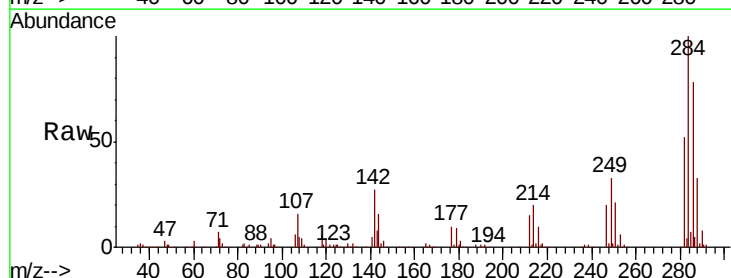


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

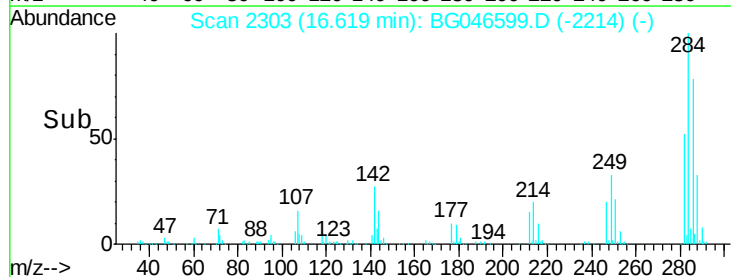
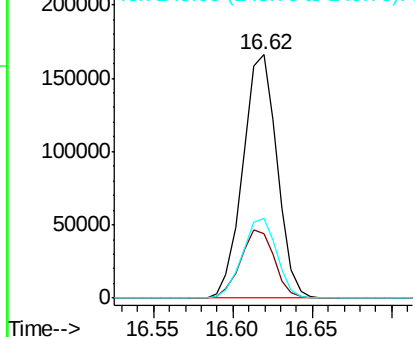


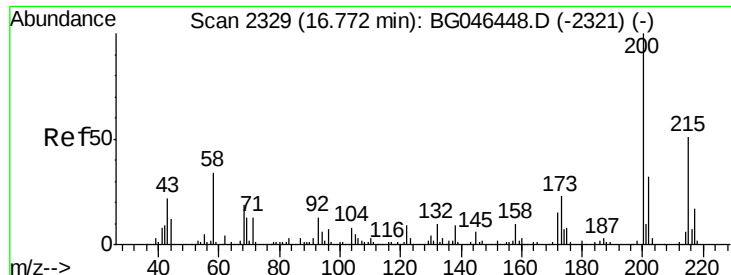
#68
 Hexachlorobenzene
 Concen: 38.383 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion:284 Resp: 248248
 Ion Ratio Lower Upper
 284 100
 142 26.6 22.3 33.5
 249 32.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.966 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

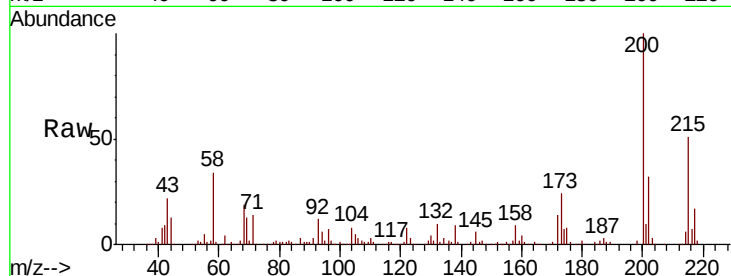
Tot Ion:200 Resp: 203647

Ion Ratio Lower Upper

200 100

173 24.1 3.3 43.3

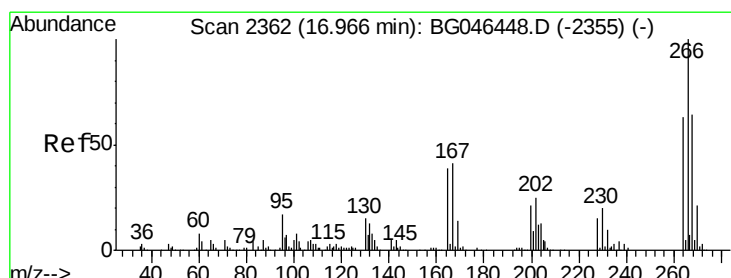
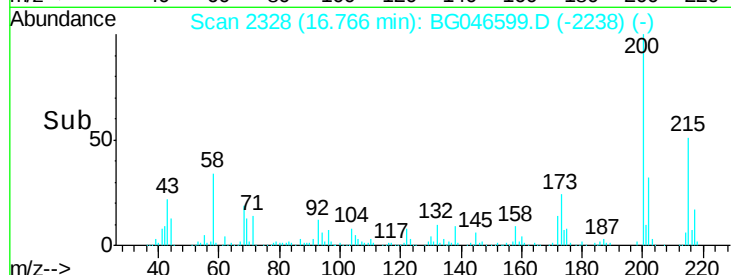
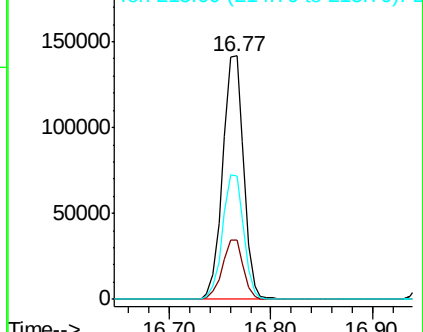
215 50.8 30.9 70.9



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: 79.104 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

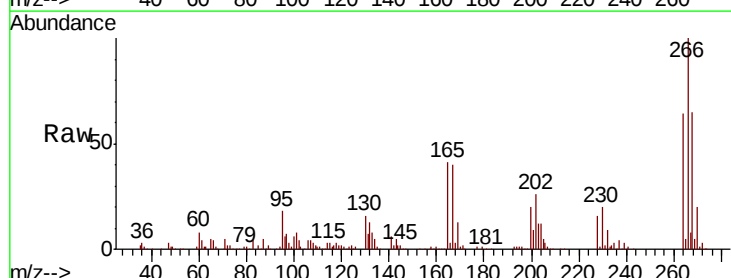
Tgt Ion:266 Resp: 267307

Ion Ratio Lower Upper

266 100

268 65.5 51.1 76.7

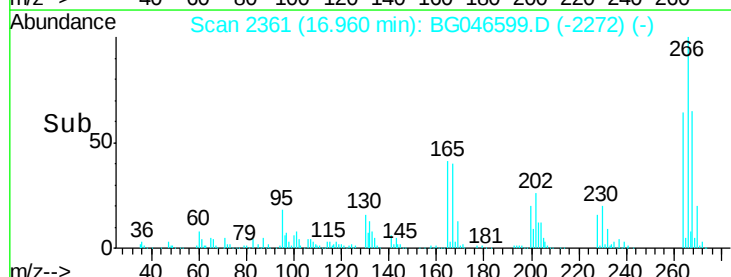
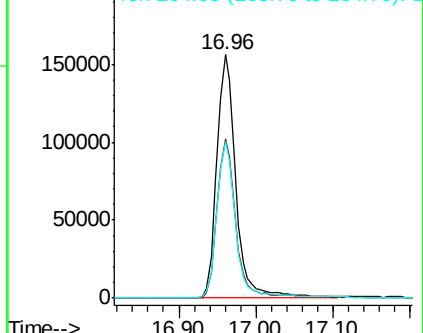
264 64.4 50.2 75.2

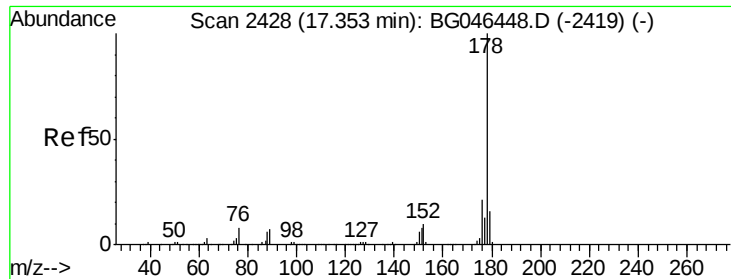


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

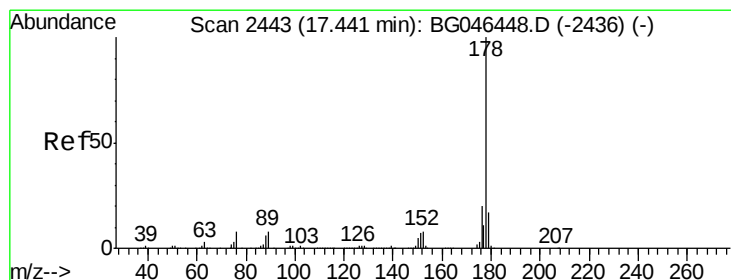
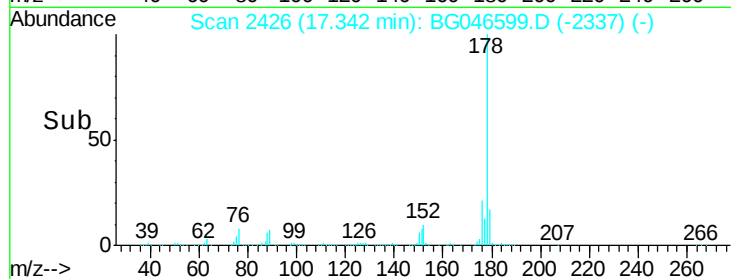
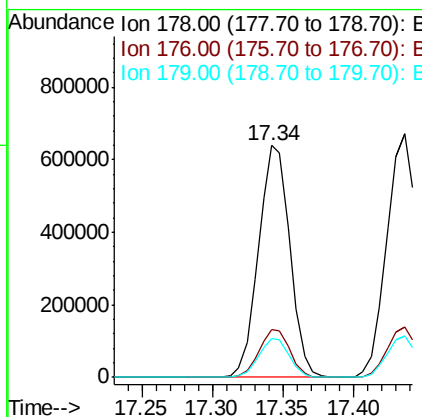
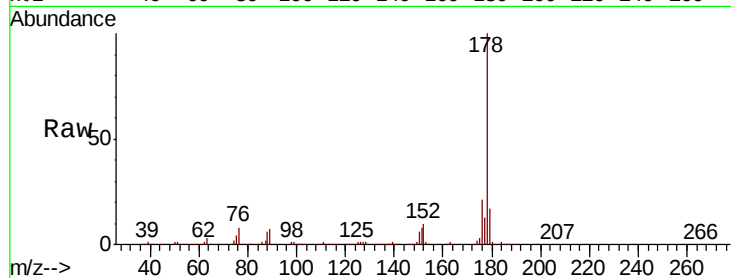




#71
Phenanthrene
Concen: 39.283 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

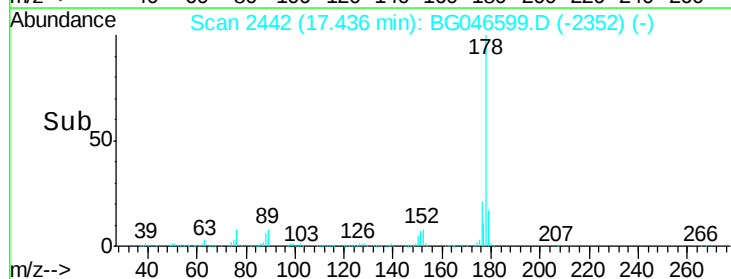
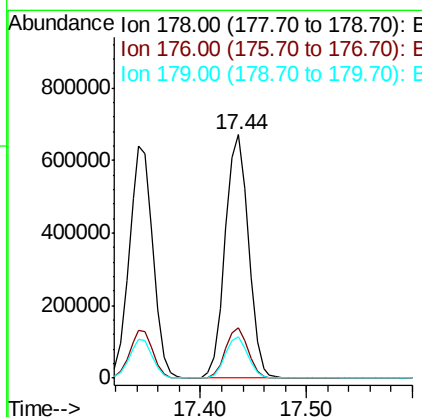
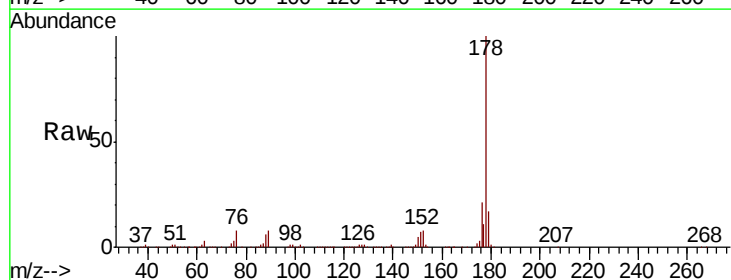
Instrument :
BNA_G
ClientSampleId :
PB131544BSD

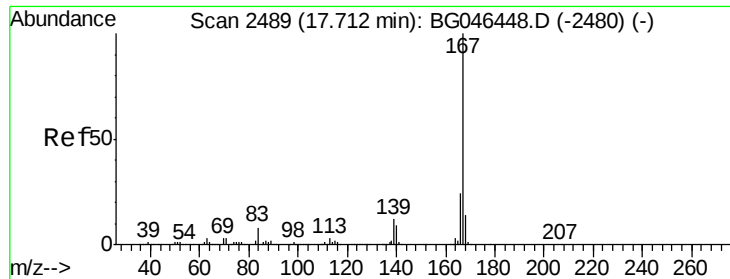
Tot Ion:178 Resp: 996679
Ion Ratio Lower Upper
178 100
176 20.8 16.8 25.2
179 17.0 13.2 19.8



#72
Anthracene
Concen: 40.910 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:178 Resp: 1024085
Ion Ratio Lower Upper
178 100
176 20.6 16.1 24.1
179 17.1 13.3 19.9

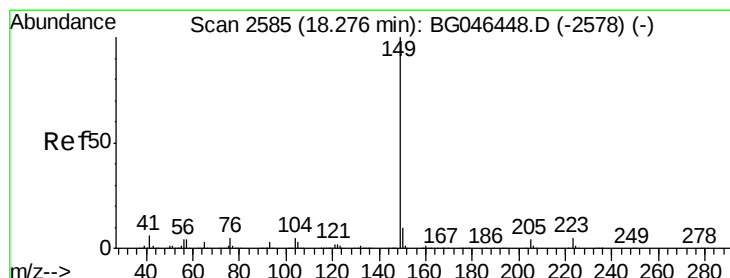
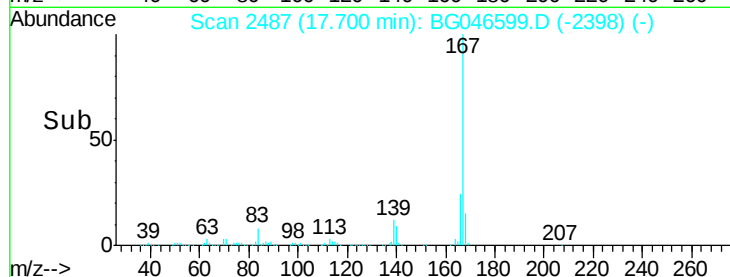
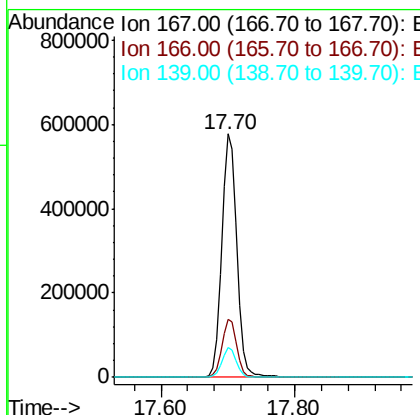
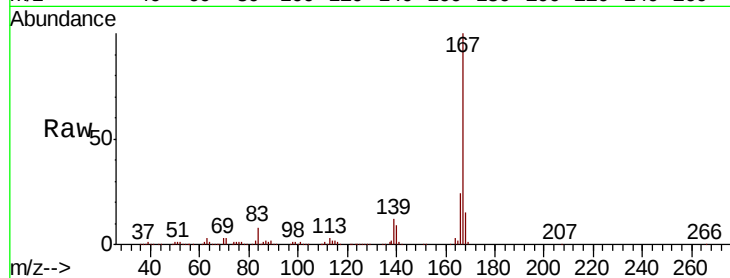




#73
 Carbazole
 Concen: 39.065 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

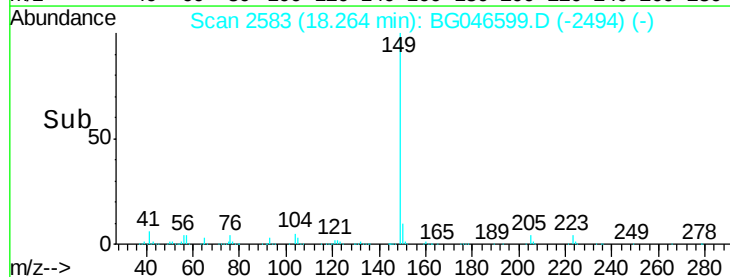
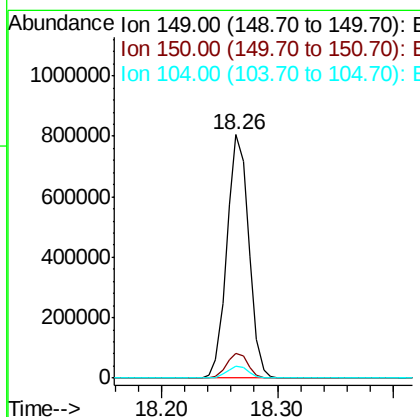
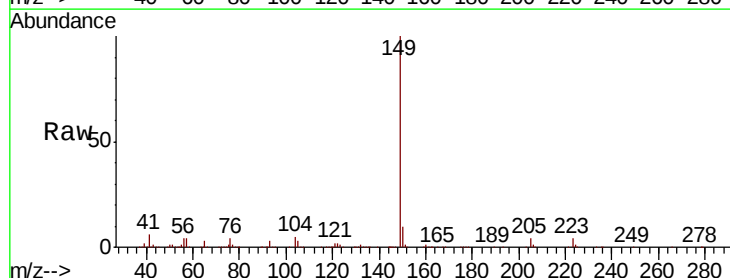
Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.3	28.9
139	12.3	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 38.738 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 38.074 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

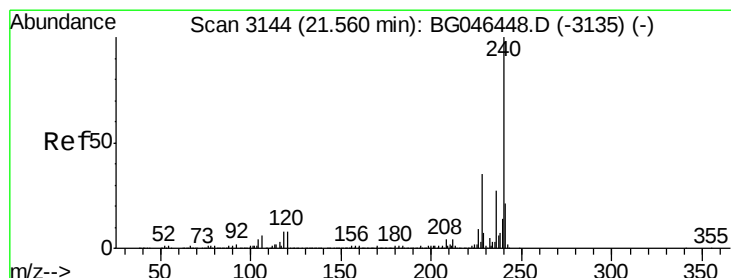
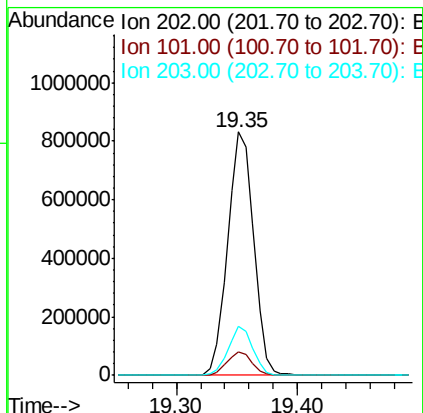
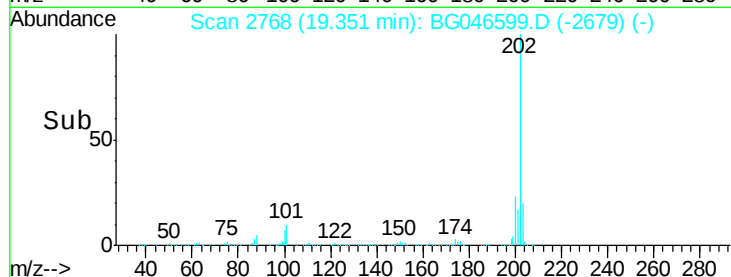
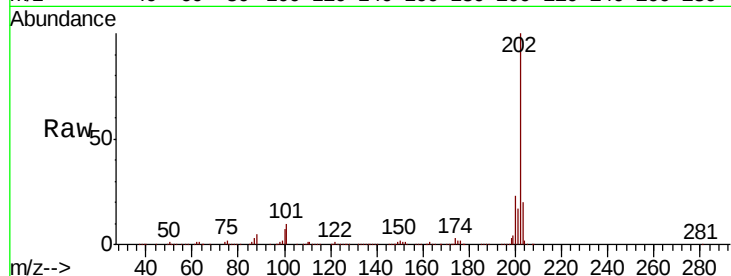
Tot Ion:202 Resp: 1243153

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.9

203 19.9 0.0 40.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

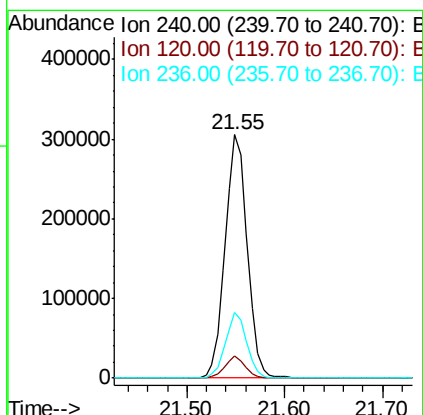
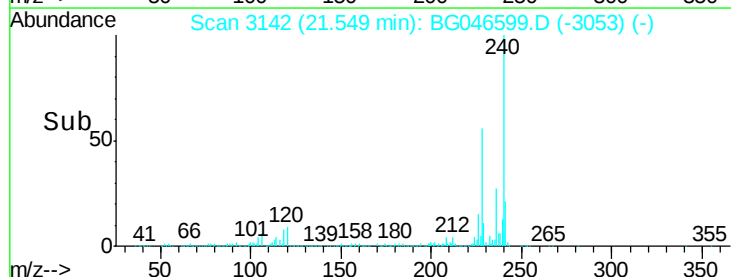
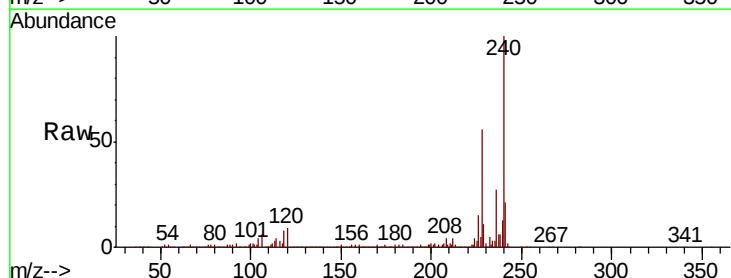
Tgt Ion:240 Resp: 480080

Ion Ratio Lower Upper

240 100

120 8.9 6.6 10.0

236 26.7 21.4 32.2





#77

Benzidine

Concen: 51.677 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

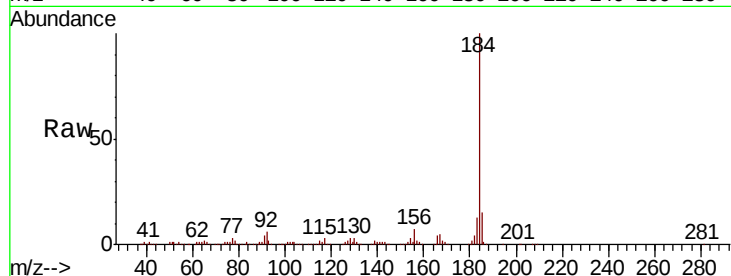
Tot Ion:184 Resp: 576483

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

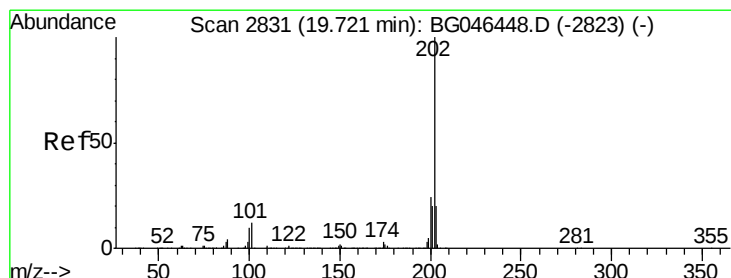
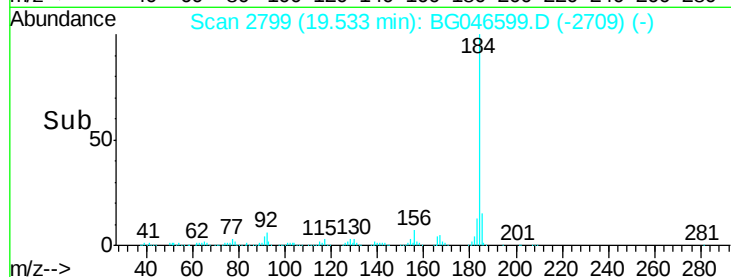
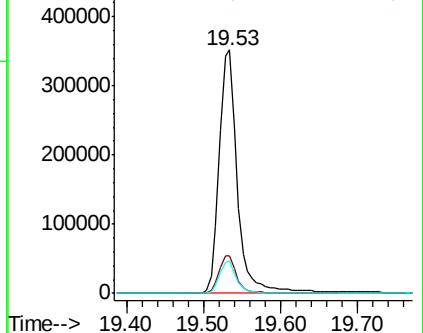
183 13.2 10.7 16.1



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: 40.238 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

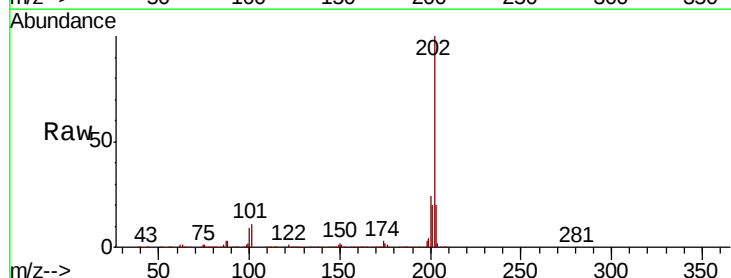
Tgt Ion:202 Resp: 1230125

Ion Ratio Lower Upper

202 100

200 23.5 18.9 28.3

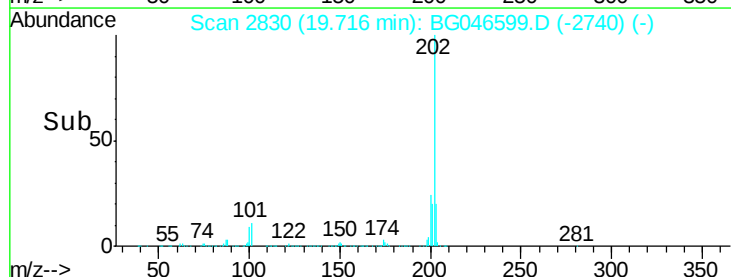
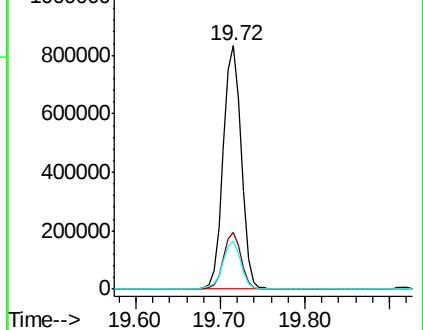
203 19.8 16.1 24.1

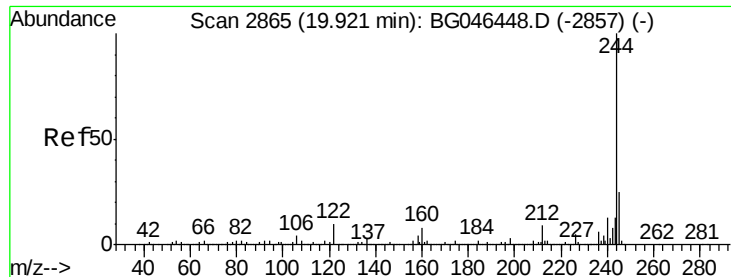


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.798 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

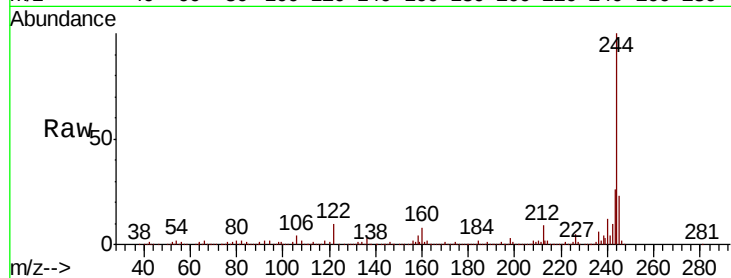
Tot Ion:244 Resp: 1529409

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

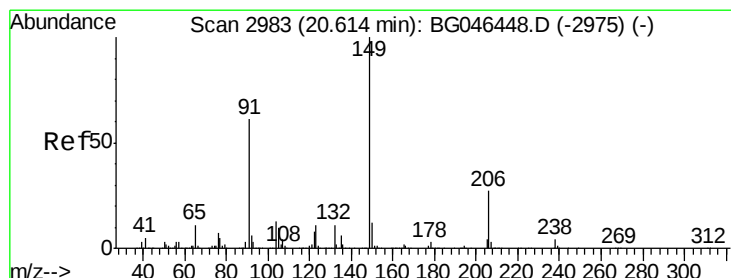
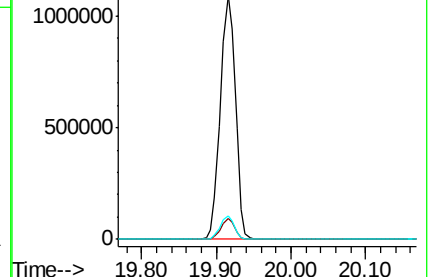
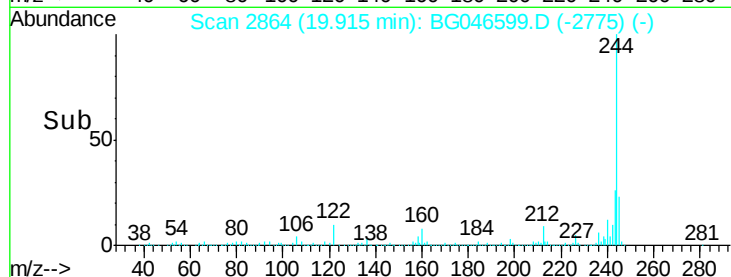
122 9.7 8.2 12.4



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: 39.510 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

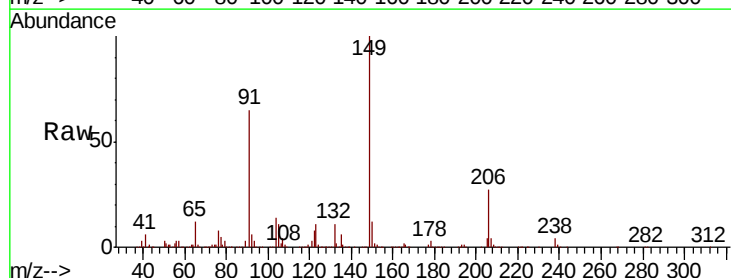
Tgt Ion:149 Resp: 471130

Ion Ratio Lower Upper

149 100

91 65.1 49.1 73.7

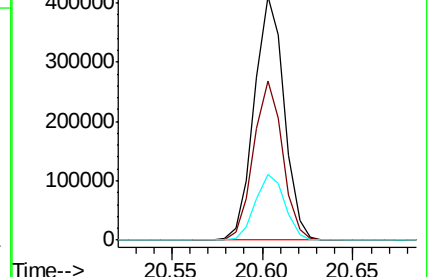
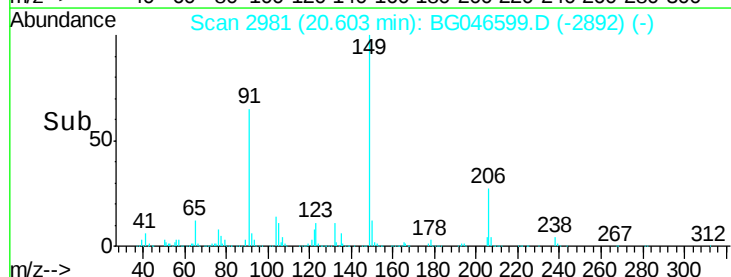
206 26.8 21.9 32.9

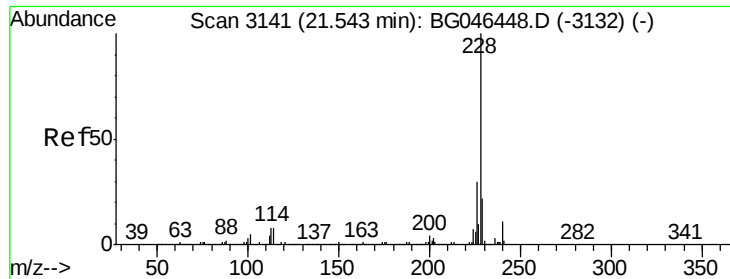


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

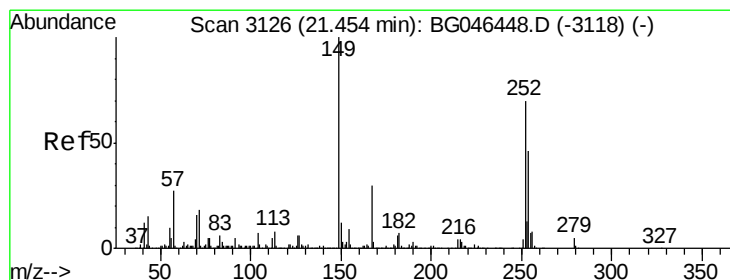
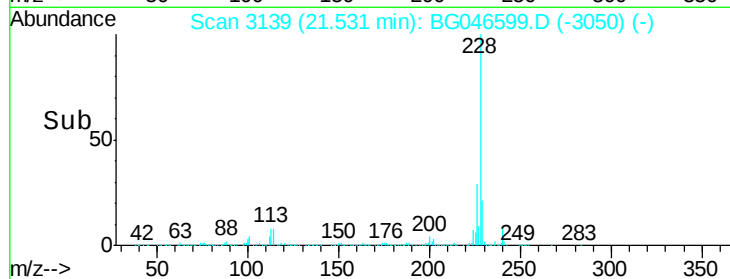
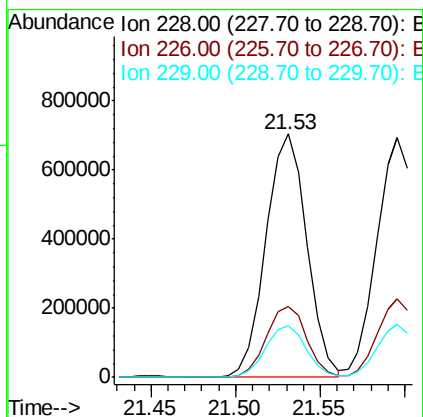
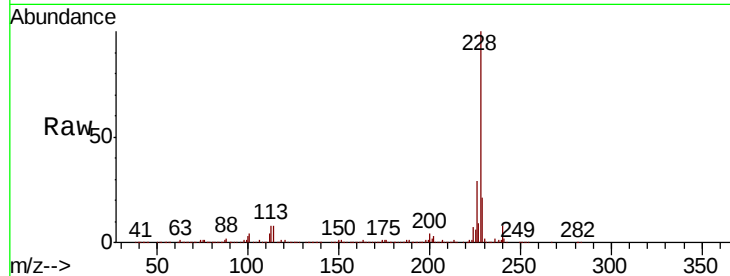




#81
Benzo(a)anthracene
Concen: 39.622 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

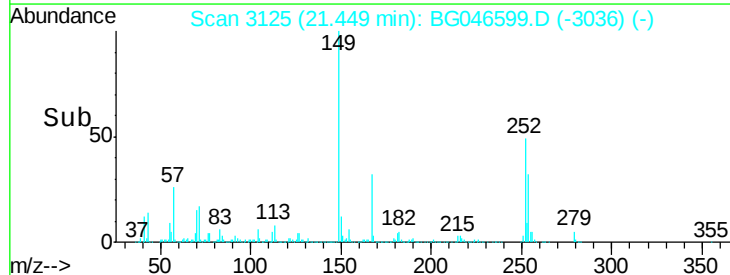
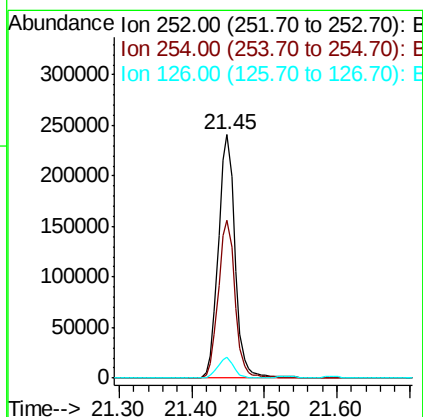
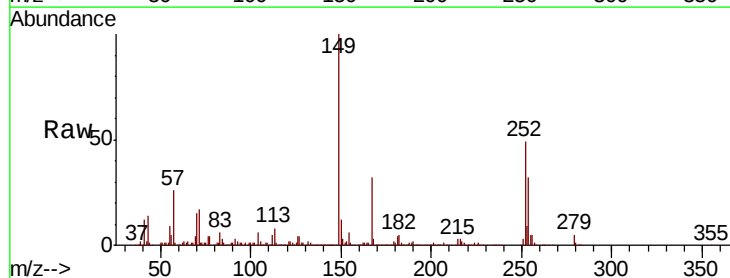
Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion:228 Resp: 1185633
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.4
229 21.4 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 34.980 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:252 Resp: 388438
Ion Ratio Lower Upper
252 100
254 64.6 51.9 77.9
126 8.4 7.4 11.0





#83

Chrysene

Concen: 39.429 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

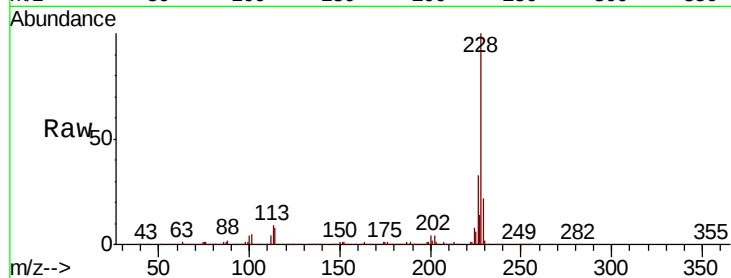
BNA_G

ClientSampleId :

PB131544BSD

Tot Ion:228 Resp: 1134917

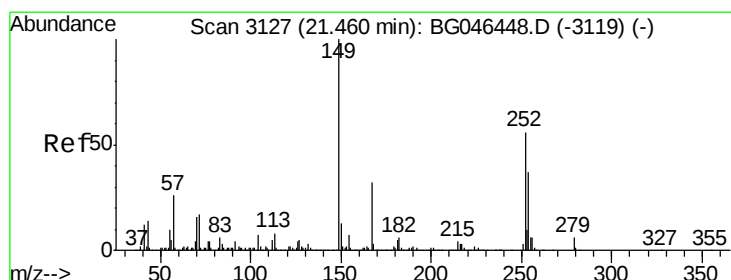
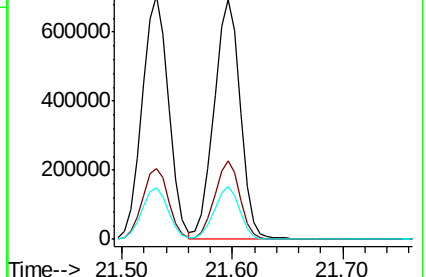
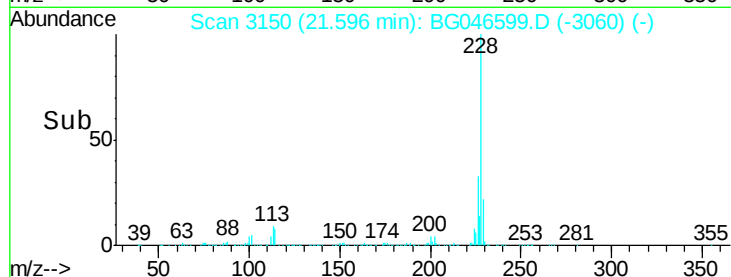
Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.2	39.4
229	22.0	17.9	26.9



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: 40.501 ng

RT: 21.45 min Scan# 3125

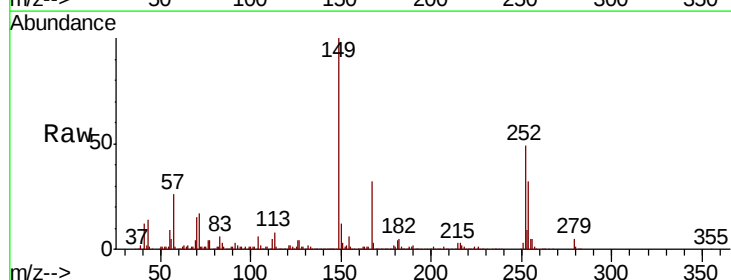
Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Tgt Ion:149 Resp: 659070

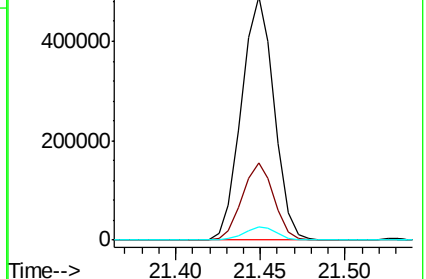
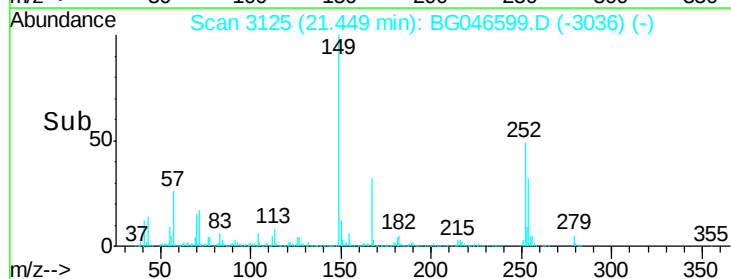
Ion	Ratio	Lower	Upper
149	100		
167	31.6	25.4	38.2
279	5.4	4.5	6.7

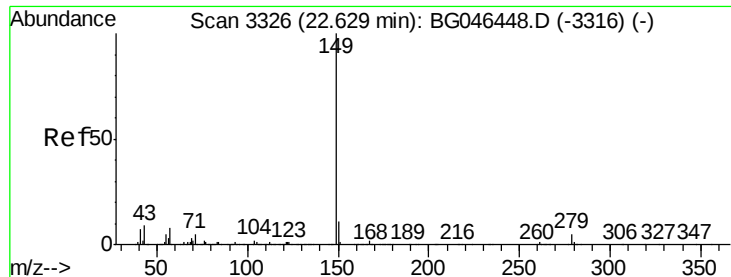


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.126 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

Instrument :

BNA_G

ClientSampleId :

PB131544BSD

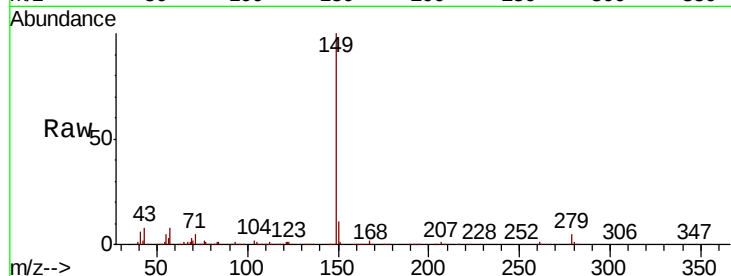
Tot Ion:149 Resp: 1145936

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

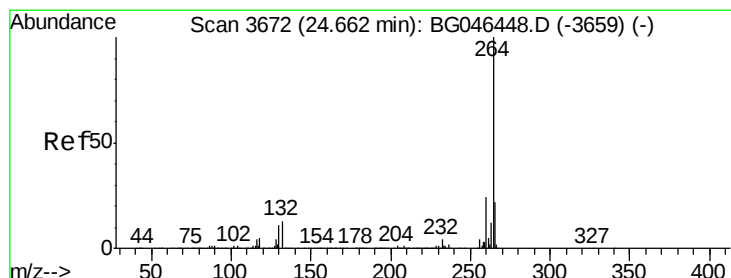
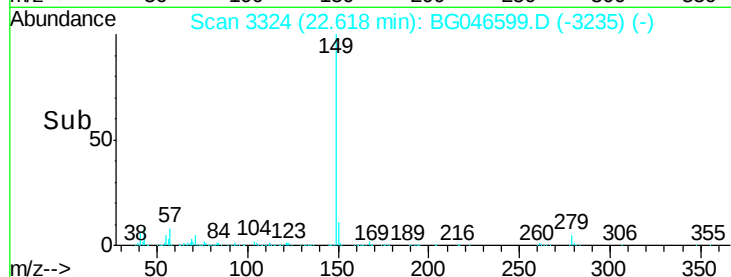
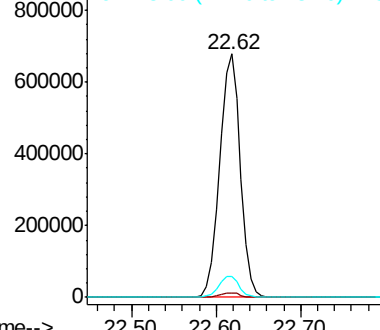
43 8.5 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046599.D

Acq: 11 Sep 2020 16:46

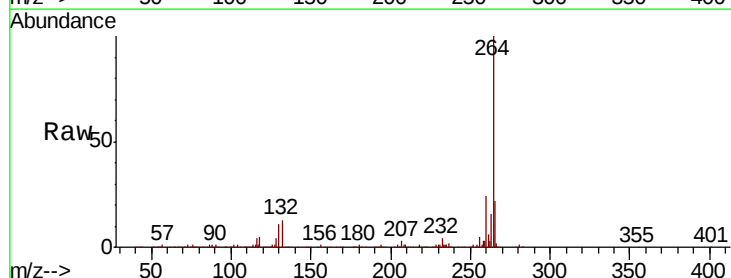
Tgt Ion:264 Resp: 479735

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

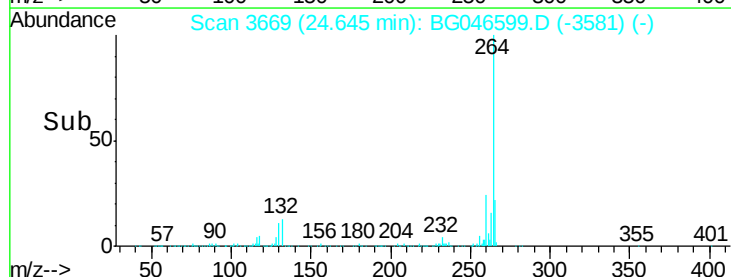
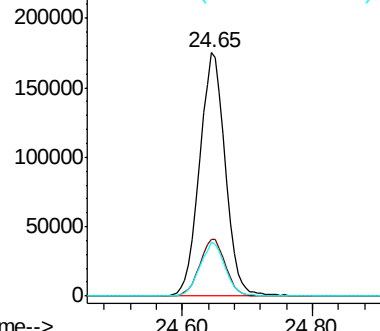
265 22.1 17.9 26.9

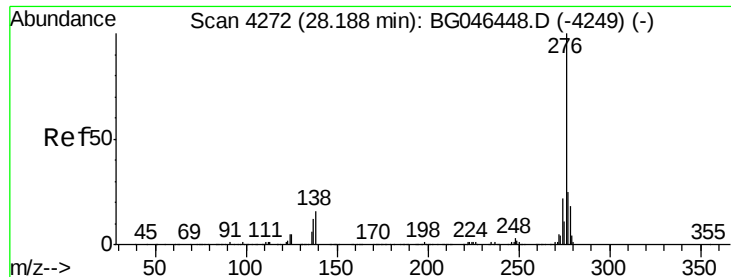


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



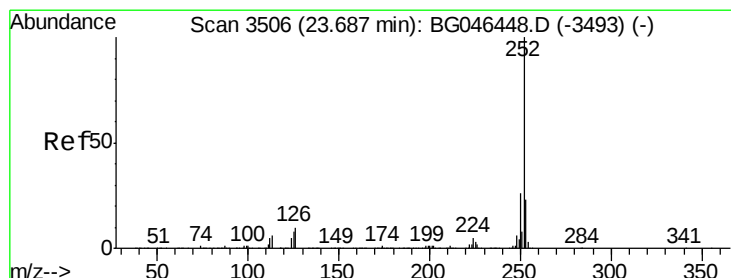
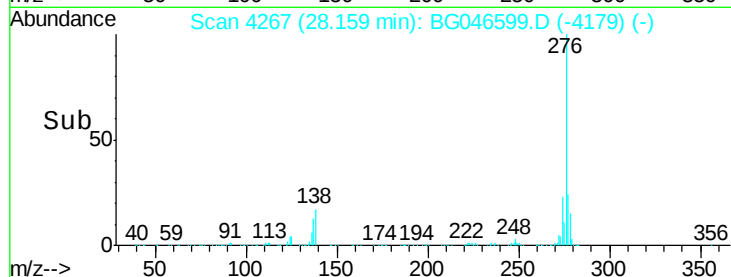
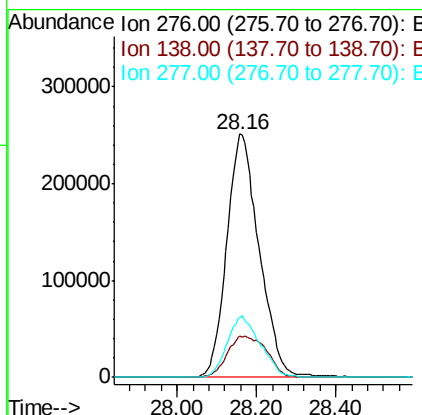
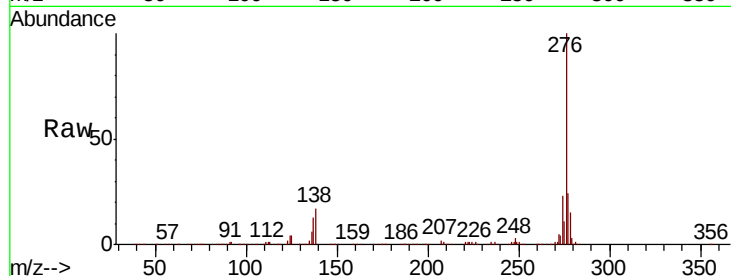


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.456 ng
 RT: 28.16 min Scan# 4267
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB131544BSD

Tot Ion:276 Resp: 1428404

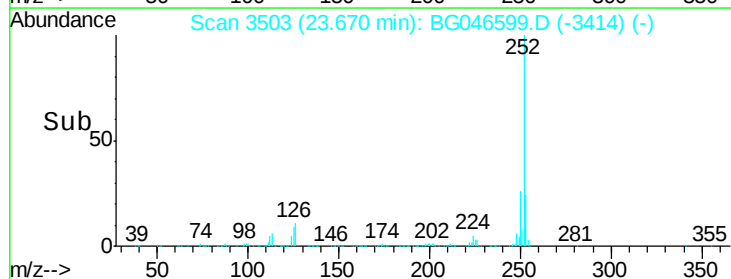
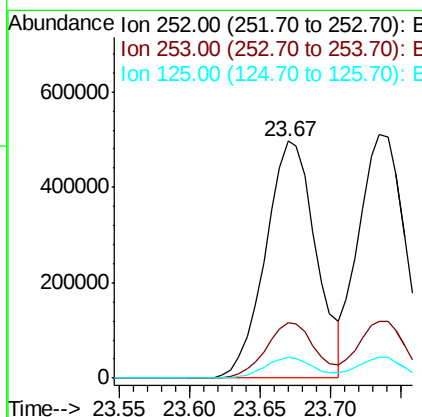
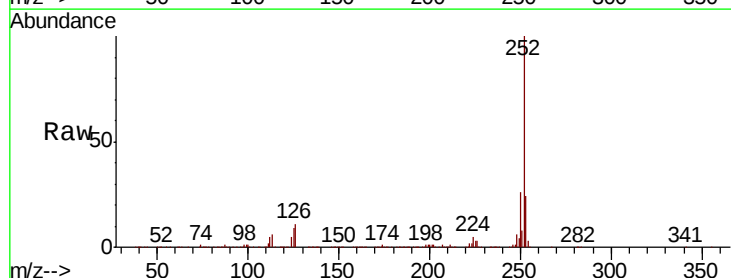
Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.5	24.7
277	25.7	20.7	31.1



#88
 Benzo(b)fluoranthene
 Concen: 41.317 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BG046599.D
 Acq: 11 Sep 2020 16:46

Tgt Ion:252 Resp: 1237670

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	8.6	6.2	9.2

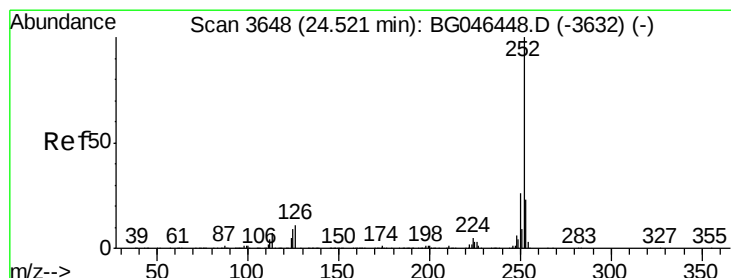
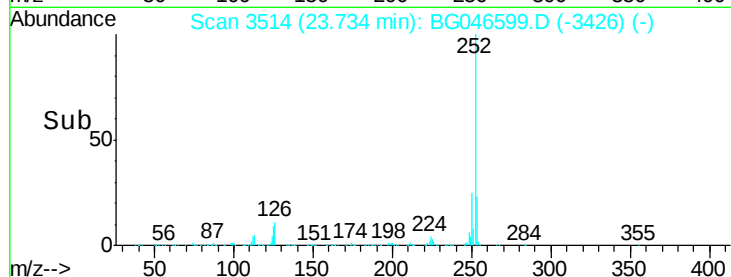
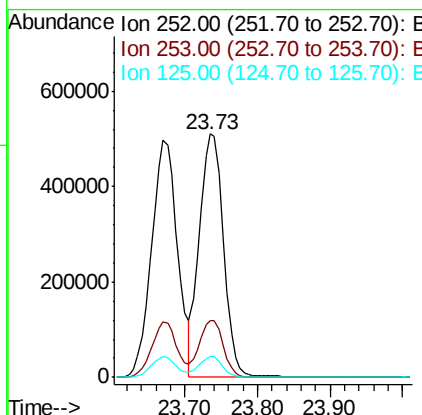
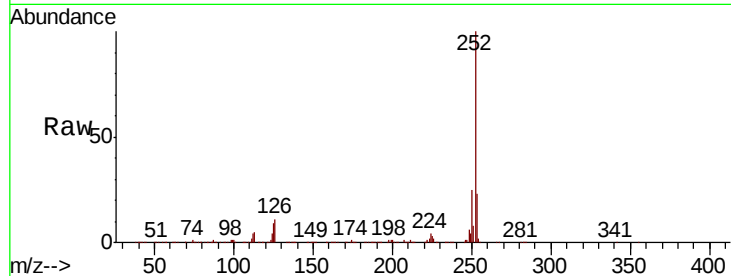




#89
Benzo(k)fluoranthene
Concen: 40.724 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

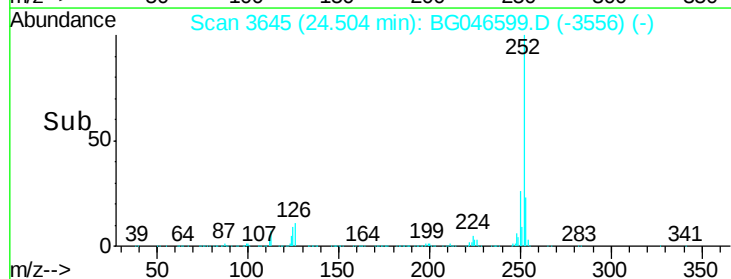
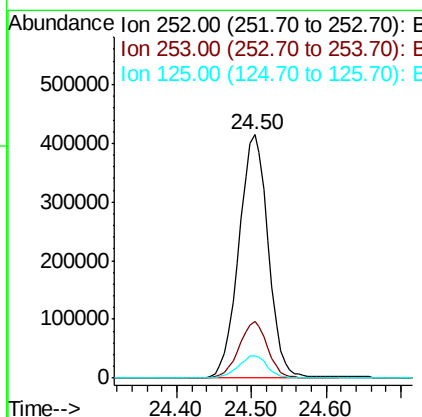
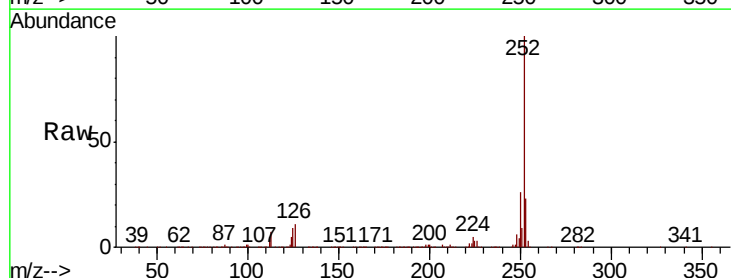
Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion:252 Resp: 1178967
Ion Ratio Lower Upper
252 100
253 23.5 18.5 27.7
125 8.7 6.8 10.2



#90
Benzo(a)pyrene
Concen: 40.551 ng
RT: 24.50 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:252 Resp: 1133596
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 9.3 7.4 11.0



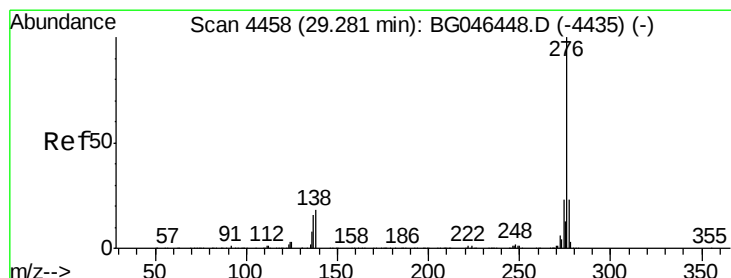
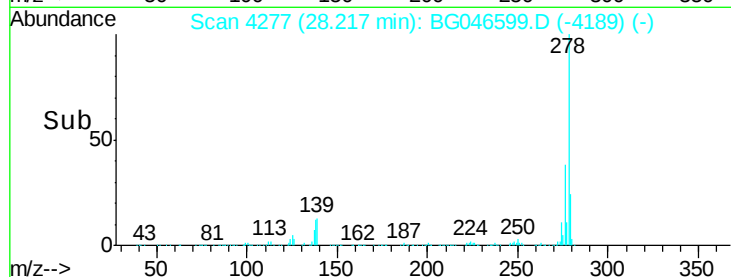
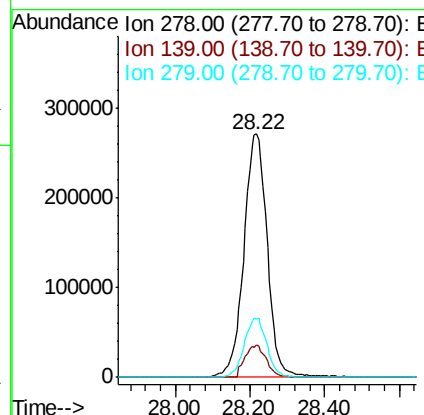
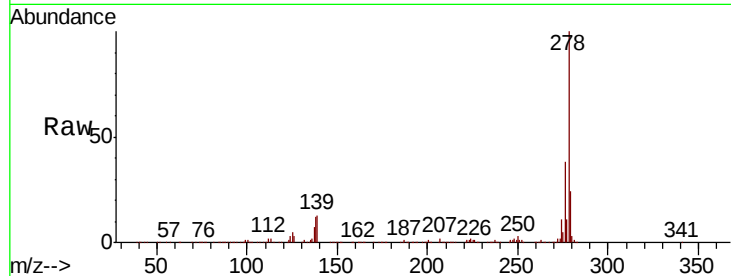


#91
Dibenzo(a,h)anthracene
Concen: 42.476 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Instrument :
BNA_G
ClientSampleId :
PB131544BSD

Tot Ion:278 Resp: 1181041

Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.2	16.8
279	24.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 43.199 ng
RT: 29.26 min Scan# 4454
Delta R.T. -0.02 min
Lab File: BG046599.D
Acq: 11 Sep 2020 16:46

Tgt Ion:276 Resp: 1199435

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.7	28.1
138	16.9	14.7	22.1

