

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046504.D
 Acq On : 2 Sep 2020 15:20
 Operator : CG/JU
 Sample : PB131362BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Quant Time: Sep 02 15:56:09 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	7.93	152	84200	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	328101	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	216597	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	506738	20.00	ng	0.00
76) Chrysene-d12	21.55	240	504443	20.00	ng	0.00
86) Perylene-d12	24.65	264	515919	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	497524	104.66	ng	0.00
7) Phenol-d6	7.11	99	630353	93.54	ng	0.00
23) Nitrobenzene-d5	9.09	82	405446	70.63	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	278977	95.06	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1021868	72.02	ng	0.00
79) Terphenyl-d14	19.92	244	1587759	66.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	102518	51.835	ng	97
3) Pyridine	3.81	79	145754	25.188	ng	99
4) n-Nitrosodimethylamine	3.72	42	85000	39.827	ng	99
6) Aniline	7.25	93	270485	35.668	ng	100
8) 2-Chlorophenol	7.50	128	211305	42.056	ng	99
9) Benzaldehyde	7.07	77	140465	37.203	ng	90
10) Phenol	7.13	94	253896	40.904	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	194400	38.964	ng	97
12) 1,3-Dichlorobenzene	7.82	146	235822	36.968	ng	99
13) 1,4-Dichlorobenzene	7.96	146	235127	36.817	ng	99
14) 1,2-Dichlorobenzene	8.28	146	229973	37.556	ng	98
15) Benzyl Alcohol	8.17	79	177899	41.117	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	292313	37.771	ng	99
17) 2-Methylphenol	8.38	107	180908	41.097	ng	98
18) Hexachloroethane	9.02	117	79227	36.588	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	153036	37.964	ng	99
20) 3+4-Methylphenols	8.70	107	247775	40.780	ng	98
22) Acetophenone	8.75	105	296560	37.132	ng	# 99
24) Nitrobenzene	9.13	77	218187	38.472	ng	98
25) Isophorone	9.65	82	420269	39.932	ng	98
26) 2-Nitrophenol	9.84	139	122517	40.945	ng	97
27) 2,4-Dimethylphenol	9.91	122	193875	47.109	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	256961	37.933	ng	99
29) 2,4-Dichlorophenol	10.38	162	225255	41.058	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	240853	37.000	ng	99
31) Naphthalene	10.78	128	610810	38.128	ng	99
32) Benzoic acid	10.06	122	80588	30.862	ng	96
33) 4-Chloroaniline	10.88	127	203482	28.805	ng	99
34) Hexachlorobutadiene	11.07	225	153079	36.226	ng	98
35) Caprolactam	11.65	113	43631	21.275	ng	89
36) 4-Chloro-3-methylphenol	12.01	107	218611	40.741	ng	94
37) 2-Methylnaphthalene	12.39	142	485960	38.463	ng	99
38) 1-Methylnaphthalene	12.61	142	459402	38.386	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	286199	40.069	ng	99

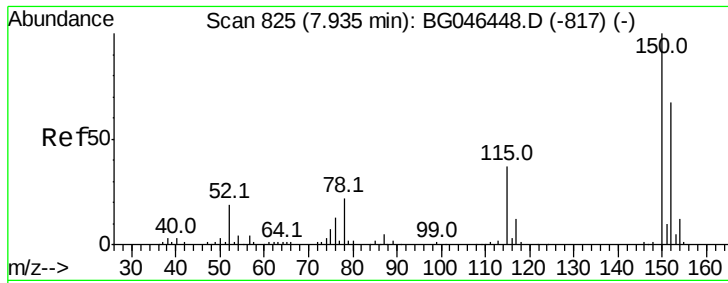
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
 Data File : BG046504.D
 Acq On : 2 Sep 2020 15:20
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 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	347125	111.768	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	195324	40.523	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	210848	41.635	ng	98
46) 1,1'-Biphenyl	13.39	154	623077	41.347	ng	100
47) 2-Chloronaphthalene	13.43	162	485523	38.000	ng	99
48) 2-Nitroaniline	13.63	65	136670	38.522	ng	97
49) Acenaphthylene	14.29	152	785528	40.530	ng	98
50) Dimethylphthalate	14.02	163	635517	37.925	ng	100
51) 2,6-Dinitrotoluene	14.13	165	147062	39.813	ng	98
52) Acenaphthene	14.63	154	461471	38.423	ng	99
53) 3-Nitroaniline	14.46	138	117148	29.278	ng	98
54) 2,4-Dinitrophenol	14.67	184	189637	87.953	ng	99
55) Dibenzofuran	14.96	168	752043	39.017	ng	100
56) 4-Nitrophenol	14.79	139	239725	81.409	ng	97
57) 2,4-Dinitrotoluene	14.92	165	209712	39.816	ng	99
58) Fluorene	15.61	166	617351	38.161	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	198521	40.368	ng	98
60) Diethylphthalate	15.38	149	619042	37.890	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	342220	38.411	ng	98
62) 4-Nitroaniline	15.63	138	149930	35.513	ng	99
63) Azobenzene	15.90	77	522741	39.333	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	135209	47.141	ng	94
66) n-Nitrosodiphenylamine	15.82	169	564370	41.283	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	237614	40.192	ng	98
68) Hexachlorobenzene	16.63	284	250586	38.272	ng	97
69) Atrazine	16.77	200	210820	37.802	ng	99
70) Pentachlorophenol	16.97	266	302073	88.302	ng	99
71) Phenanthrene	17.35	178	1016482	39.575	ng	99
72) Anthracene	17.44	178	1039638	41.025	ng	98
73) Carbazole	17.71	167	960718	40.153	ng	99
74) Di-n-butylphthalate	18.27	149	1077024	39.146	ng	100
75) Fluoranthene	19.36	202	1294912	39.176	ng	99
77) Benzidine	19.53	184	703386	60.007	ng	99
78) Pyrene	19.72	202	1284358	39.983	ng	100
80) Butylbenzylphthalate	20.61	149	498695	39.801	ng	97
81) Benzo(a)anthracene	21.54	228	1252712	39.842	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	400843	34.353	ng	99
83) Chrysene	21.60	228	1193688	39.468	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	702844	41.105	ng	100
85) Di-n-octyl phthalate	22.62	149	1221218	41.711	ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1517645	40.957	ng	100
88) Benzo(b)fluoranthene	23.68	252	1323523	41.085	ng	97
89) Benzo(k)fluoranthene	23.74	252	1243474	39.939	ng	99
90) Benzo(a)pyrene	24.51	252	1198951	39.881	ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1244126	41.607	ng	98
92) Benzo(g,h,i)perylene	29.27	276	1273875	42.662	ng	97

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

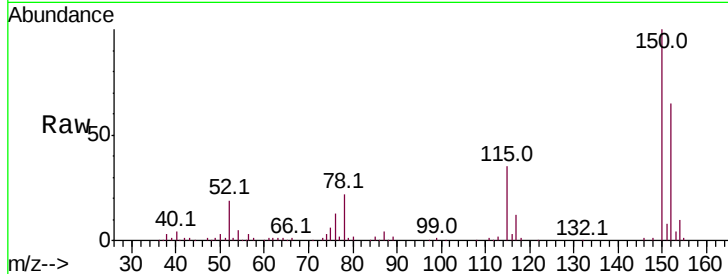


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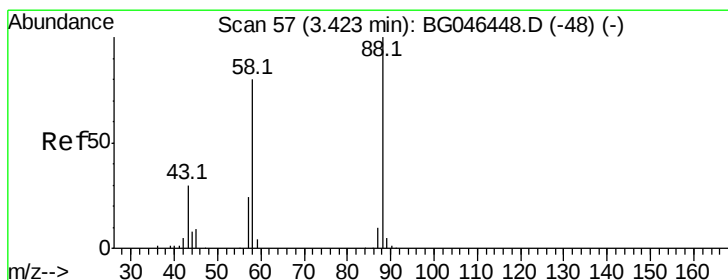
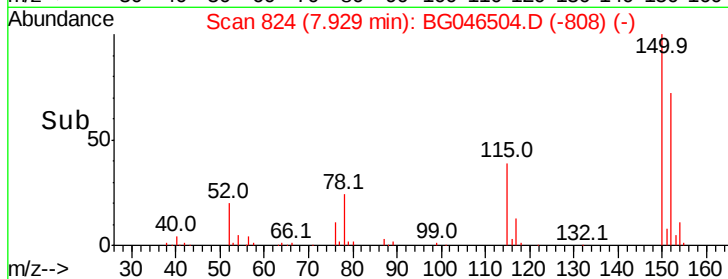
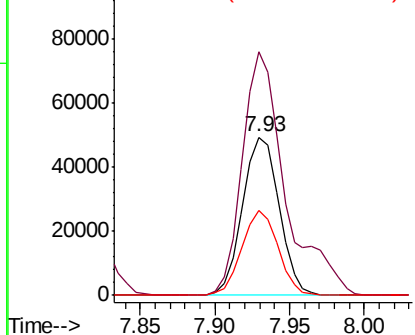
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion:152 Resp: 84200
Ion Ratio Lower Upper
152 100
150 153.7 119.5 179.3
115 53.7 44.3 66.5



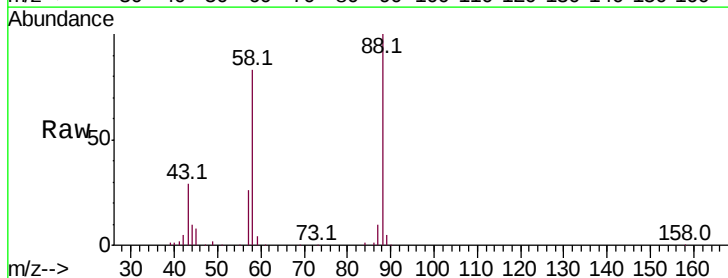
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



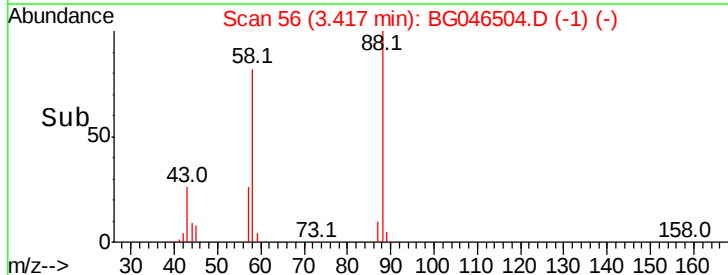
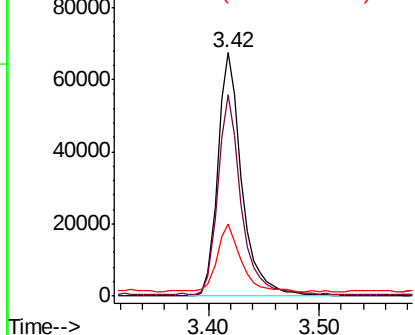
#2

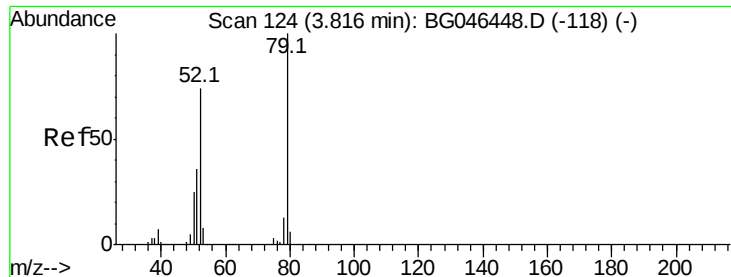
1,4-Dioxane
Concen: 51.835 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion: 88 Resp: 102518
Ion Ratio Lower Upper
88 100
58 79.7 61.4 92.2
43 27.1 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: 25.188 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

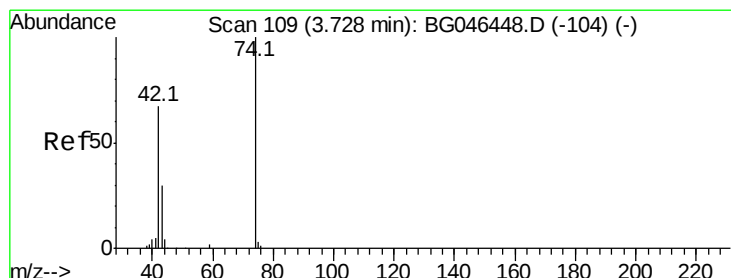
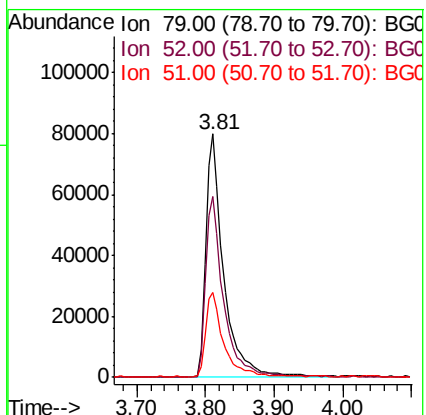
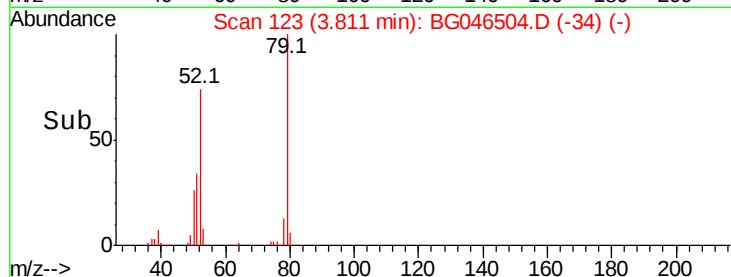
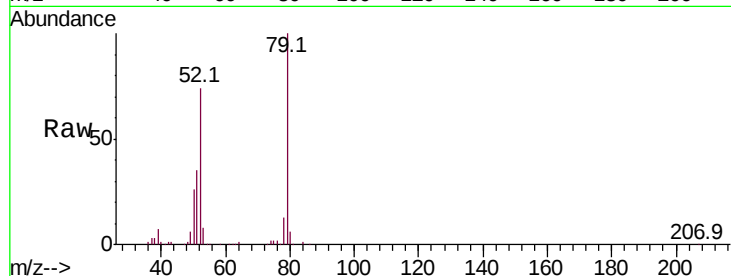
Tot Ion: 79 Resp: 145754

Ion Ratio Lower Upper

79 100

52 74.4 59.1 88.7

51 35.1 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 39.827 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

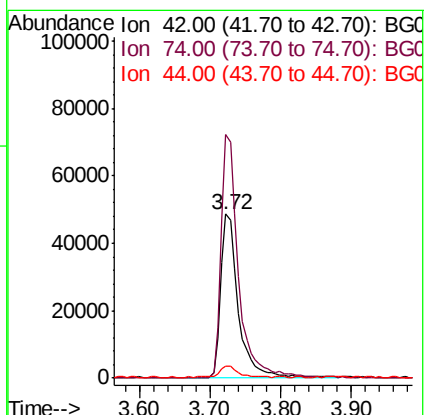
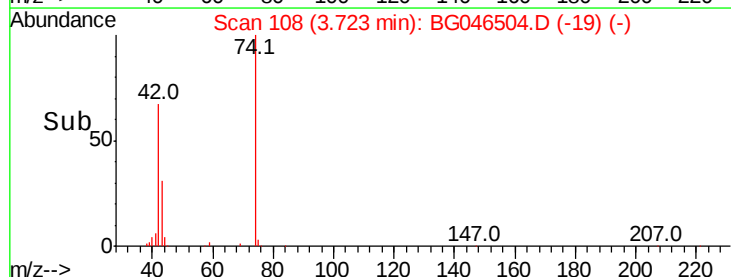
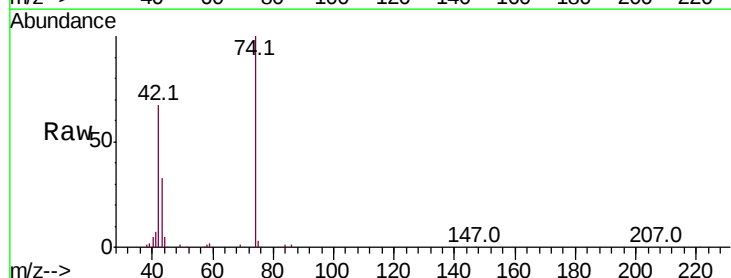
Tgt Ion: 42 Resp: 85000

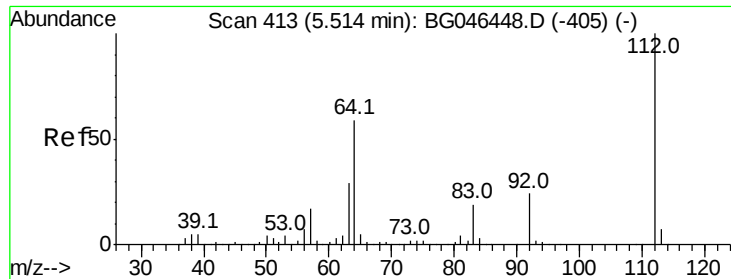
Ion Ratio Lower Upper

42 100

74 148.3 119.5 179.3

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 104.656 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

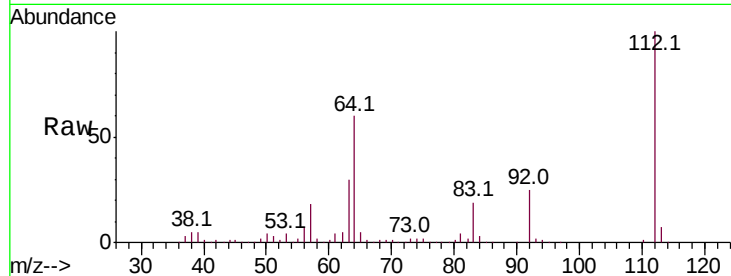
Tot Ion:112 Resp: 497524

Ion Ratio Lower Upper

112 100

64 59.7 47.0 70.6

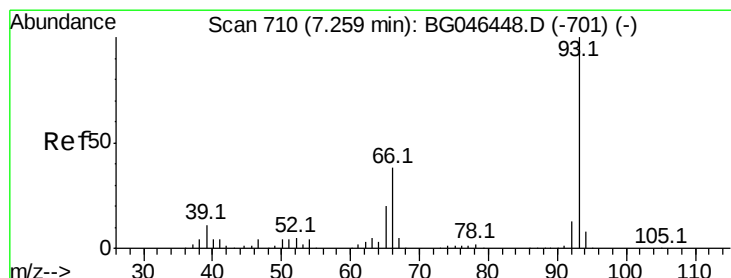
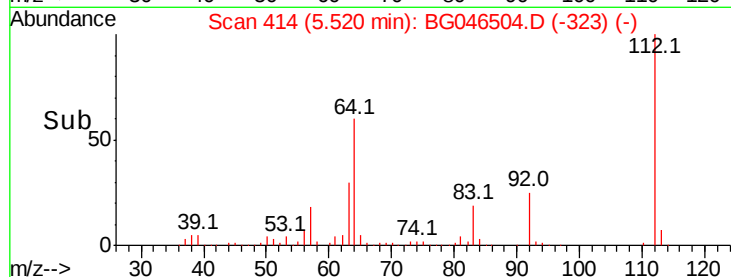
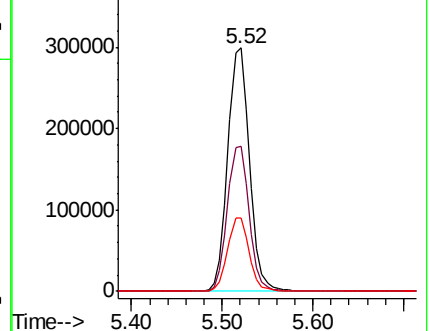
63 30.4 23.5 35.3



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: 35.668 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

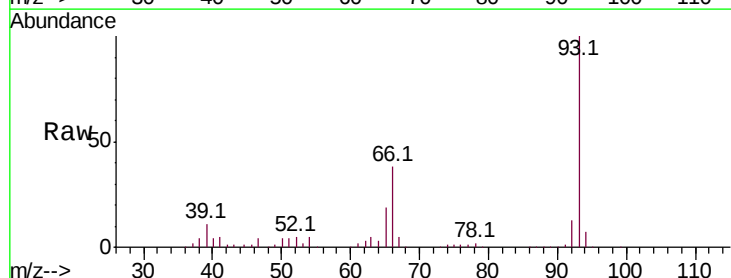
Tgt Ion: 93 Resp: 270485

Ion Ratio Lower Upper

93 100

66 38.1 30.4 45.6

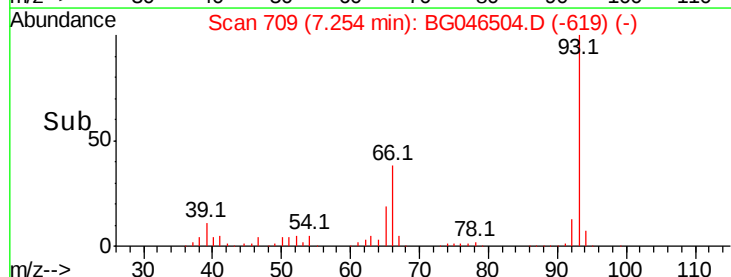
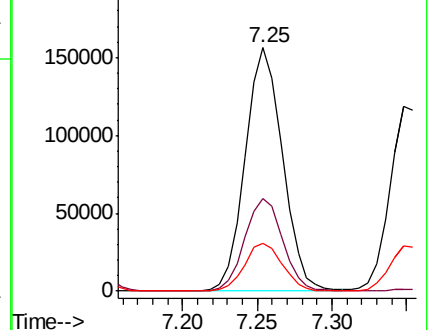
65 19.5 15.8 23.6

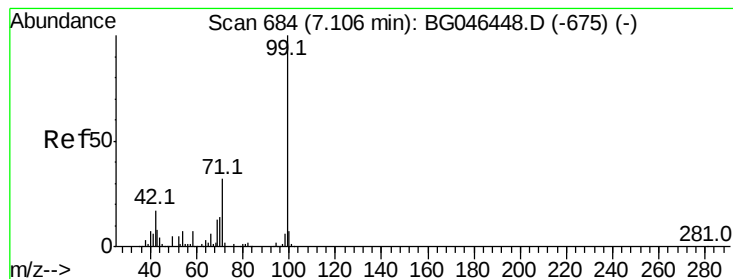


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 93.536 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

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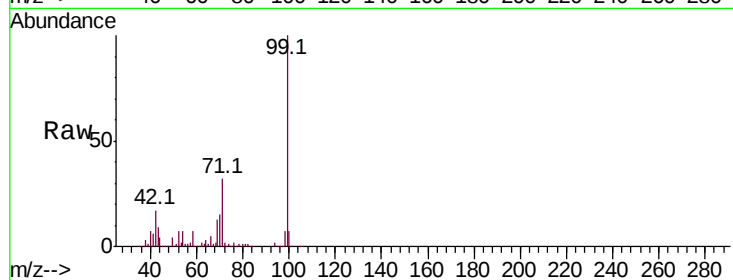
Tot Ion: 99 Resp: 630353

Ion Ratio Lower Upper

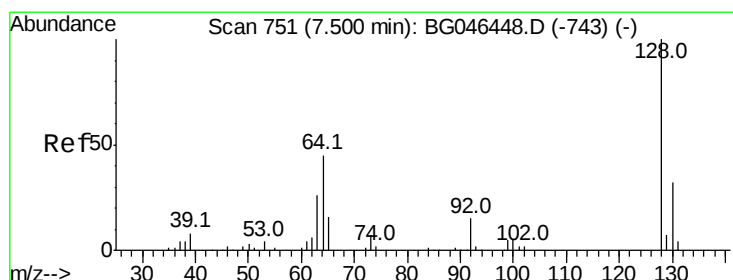
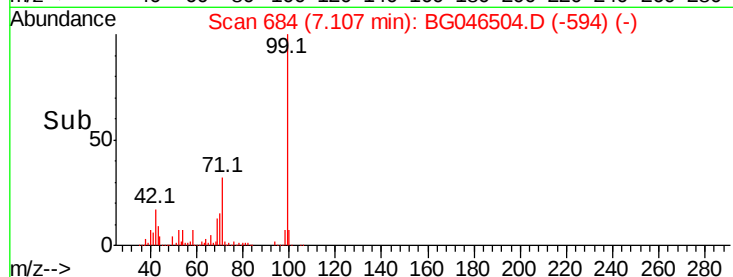
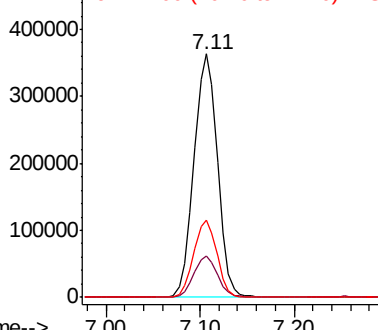
99 100

42 17.0 13.3 19.9

71 31.9 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: 42.056 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

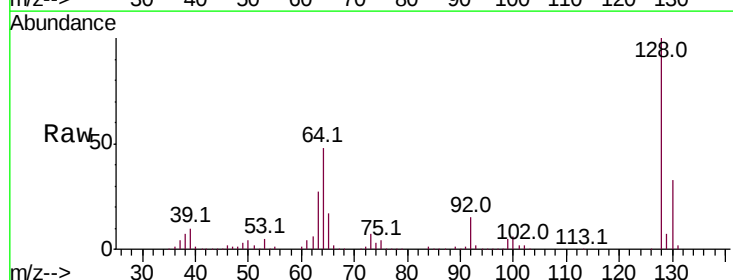
Tgt Ion:128 Resp: 211305

Ion Ratio Lower Upper

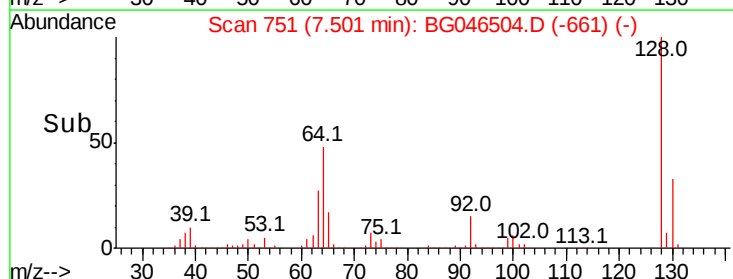
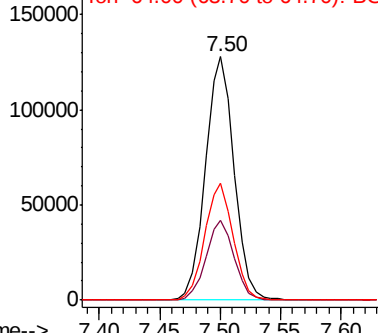
128 100

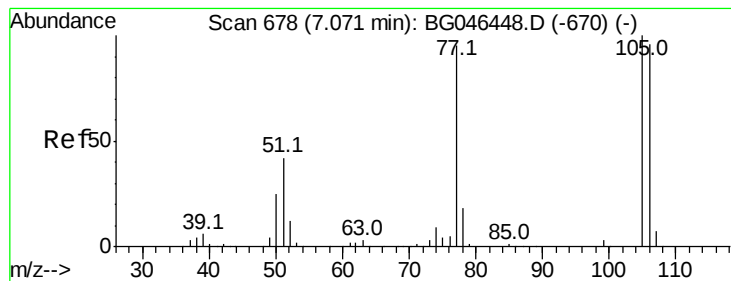
130 33.0 12.4 52.4

64 48.2 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: 37.203 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

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ClientSampleId :

PB131362BSD

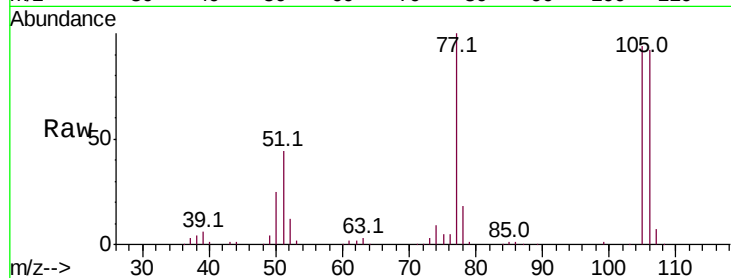
Tot Ion: 77 Resp: 140465

Ion Ratio Lower Upper

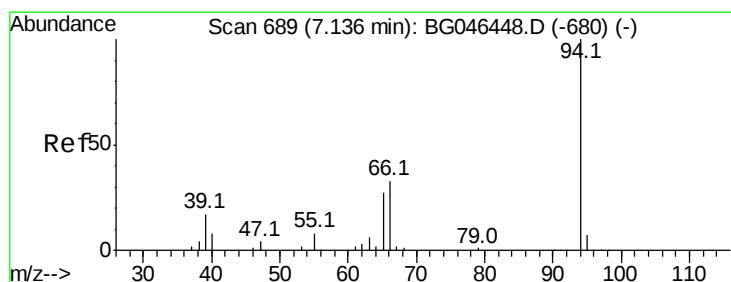
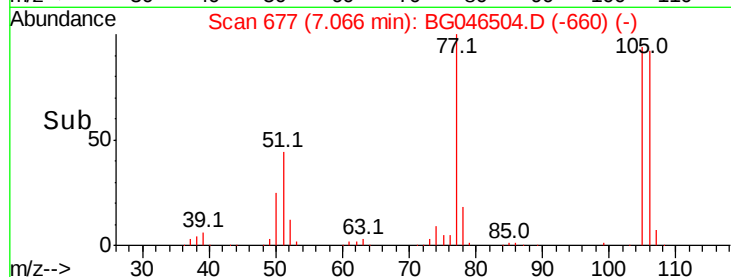
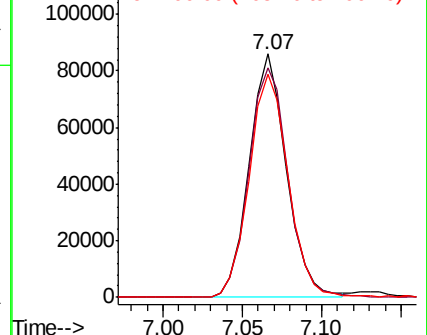
77 100

105 94.1 85.6 125.6

106 91.6 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: 40.904 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

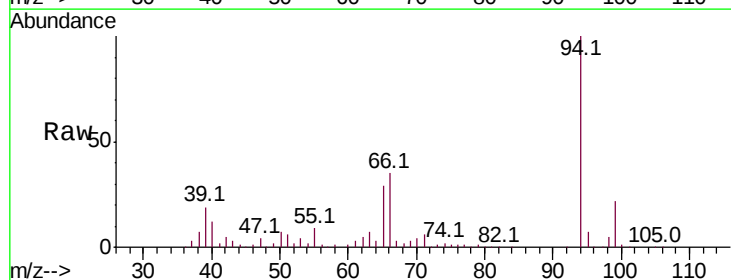
Tgt Ion: 94 Resp: 253896

Ion Ratio Lower Upper

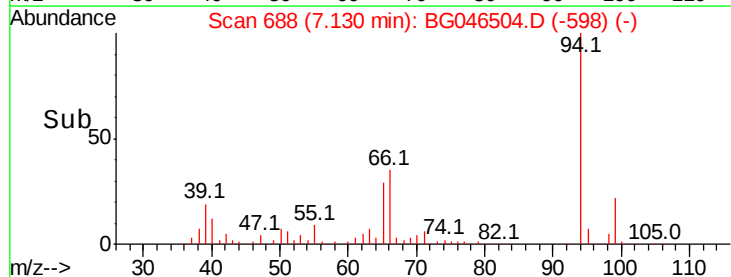
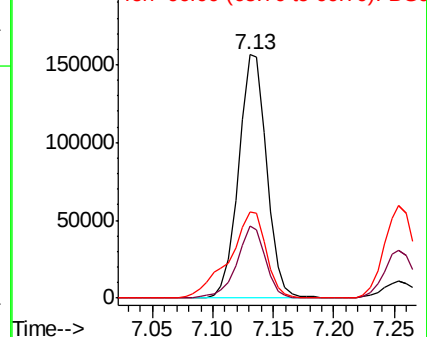
94 100

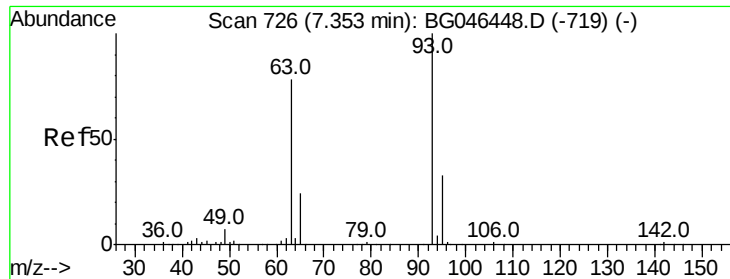
65 29.4 7.5 47.5

66 35.2 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: 38.964 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

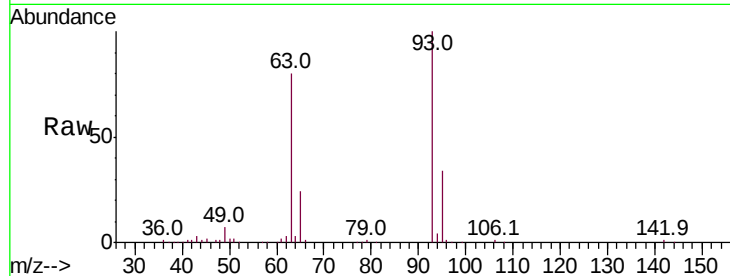
Tot Ion: 93 Resp: 194400

Ion Ratio Lower Upper

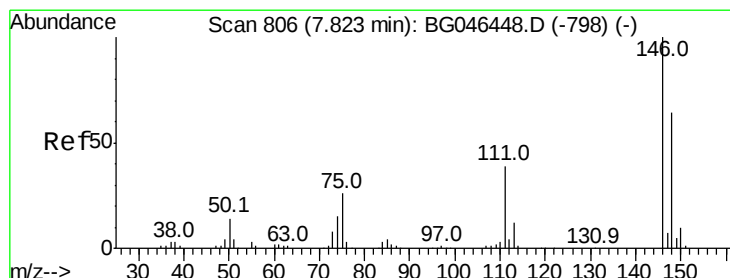
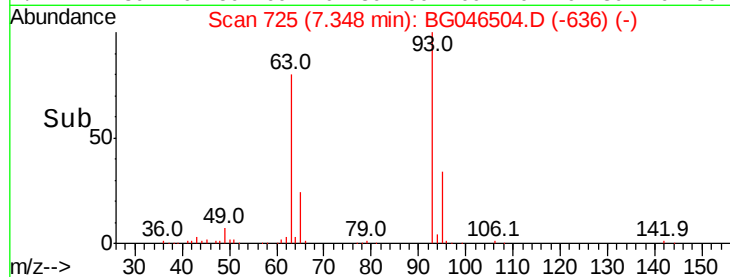
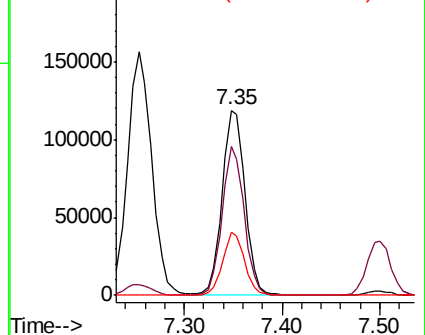
93 100

63 80.1 57.7 97.7

95 33.9 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: 36.968 ng

RT: 7.82 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

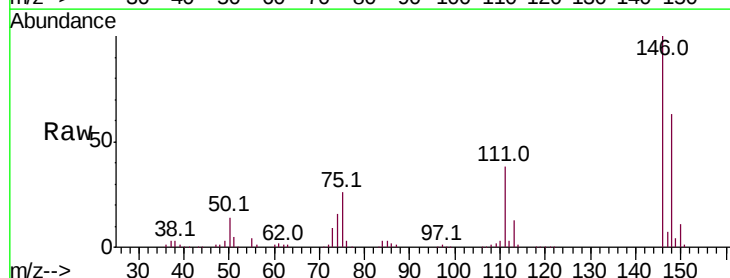
Tgt Ion: 146 Resp: 235822

Ion Ratio Lower Upper

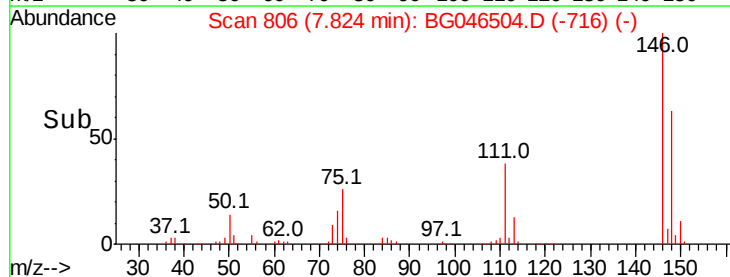
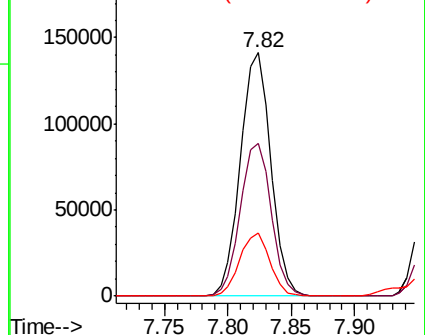
146 100

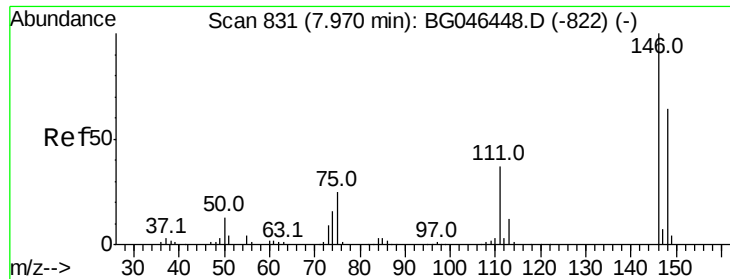
148 62.6 51.4 77.0

75 25.8 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

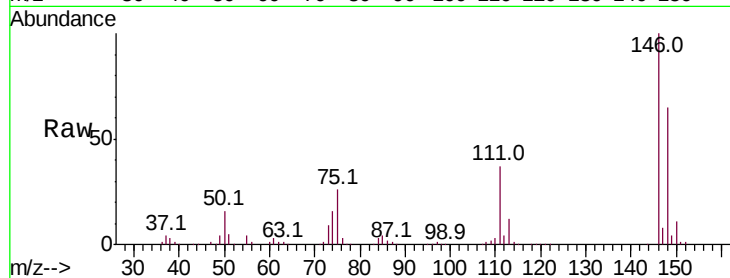




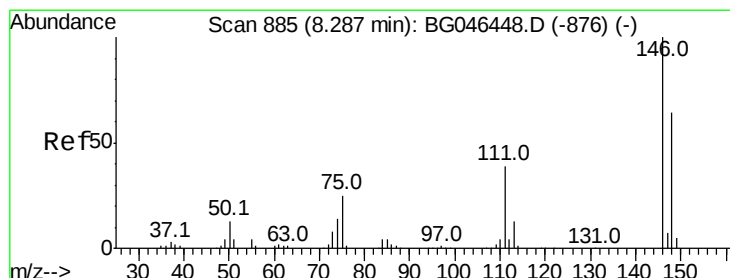
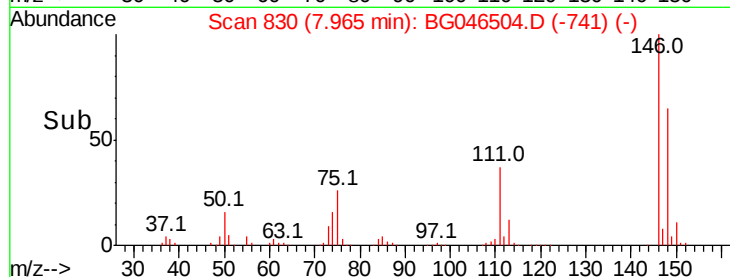
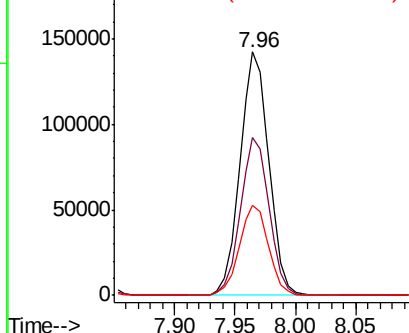
#13
 1,4-Dichlorobenzene
 Concen: 36.817 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
111	37.1	29.8	44.6

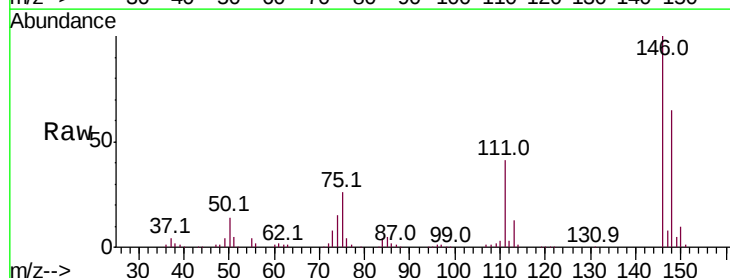


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

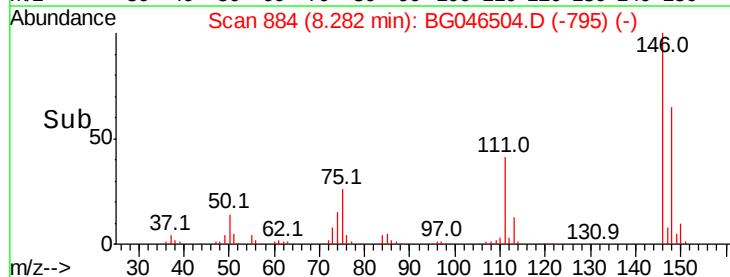
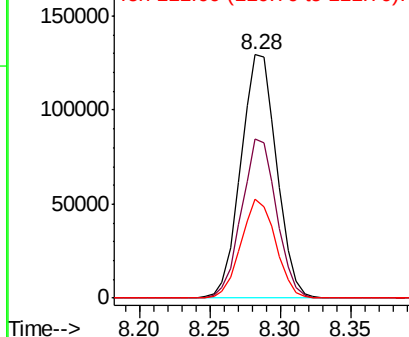


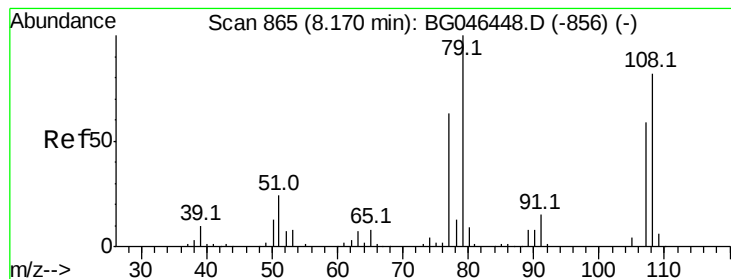
#14
 1,2-Dichlorobenzene
 Concen: 37.556 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	40.9	31.4	47.2



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





#15

Benzyl Alcohol

Concen: 41.117 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

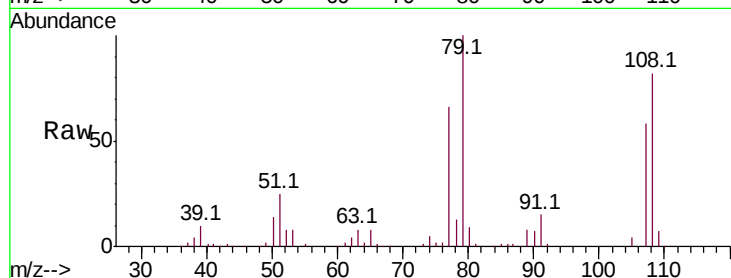
Tot Ion: 79 Resp: 177899

Ion Ratio Lower Upper

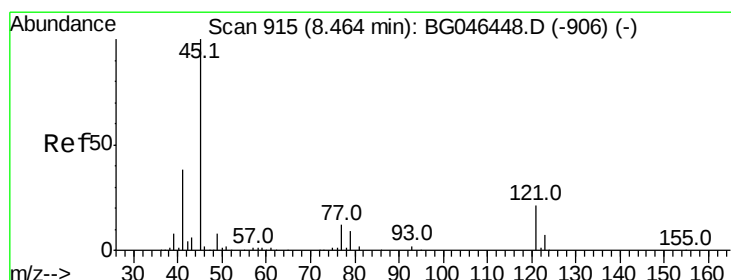
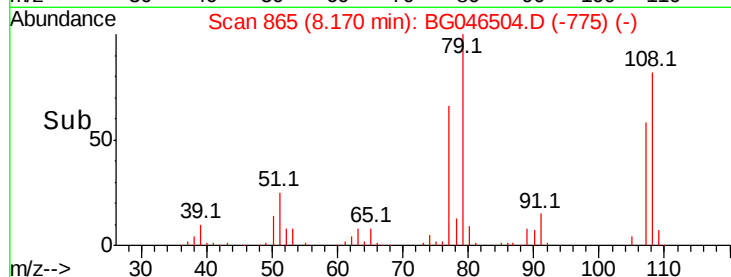
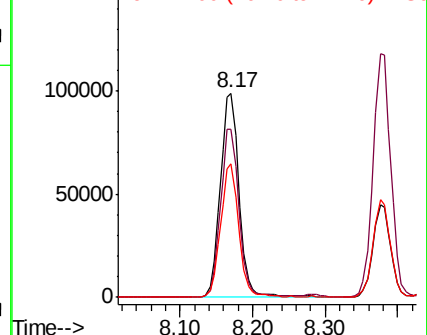
79 100

108 82.2 65.7 98.5

77 65.6 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: 37.771 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

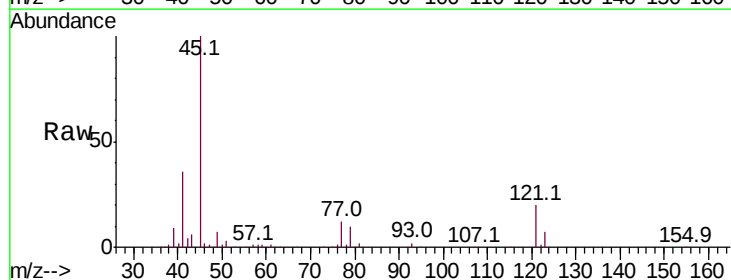
Tgt Ion: 45 Resp: 292313

Ion Ratio Lower Upper

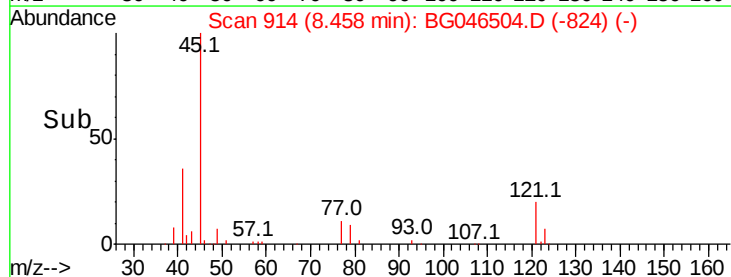
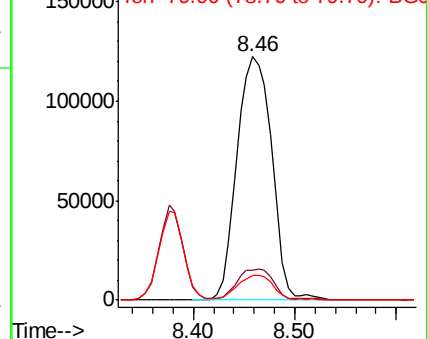
45 100

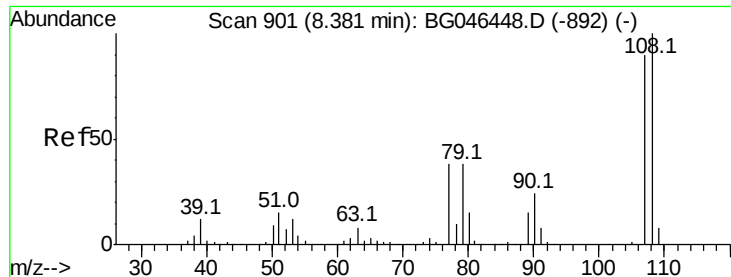
77 12.5 0.0 33.2

79 9.9 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

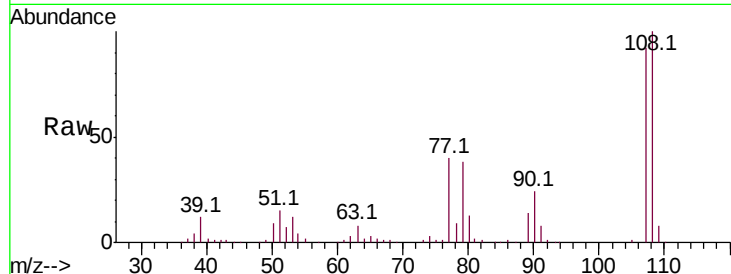




#17
2-Methylphenol
Concen: 41.097 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.4	89.4	134.0
77	43.7	34.5	51.7
79	41.2	33.8	50.6



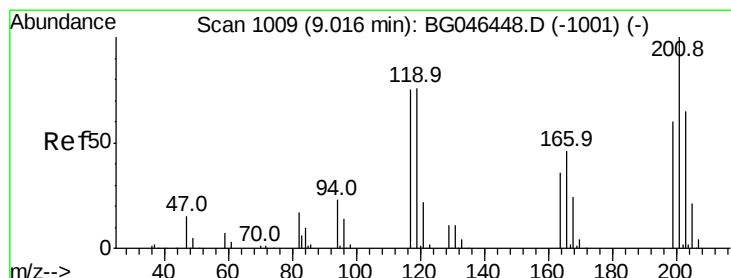
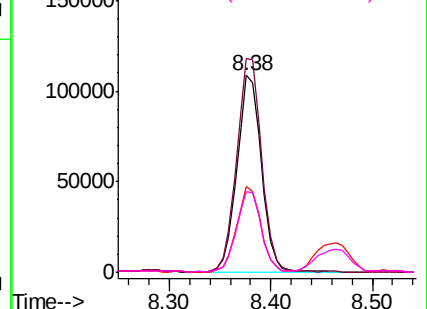
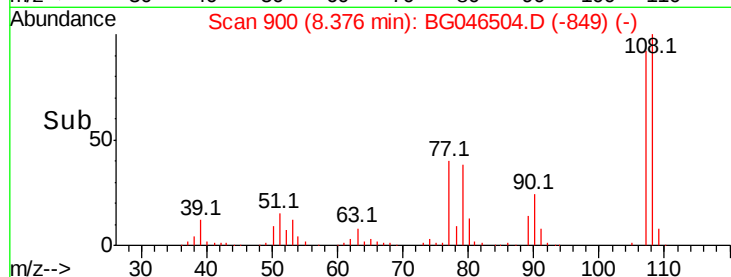
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

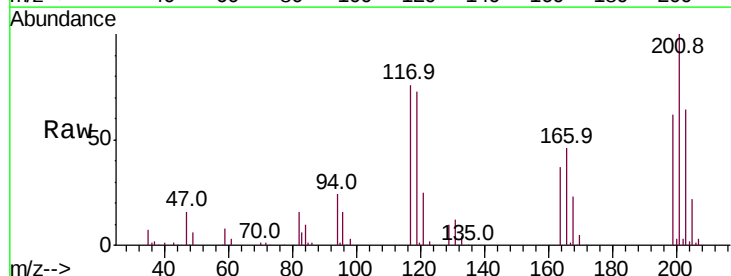
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.588 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	80.8	121.2
201	131.0	106.7	160.1

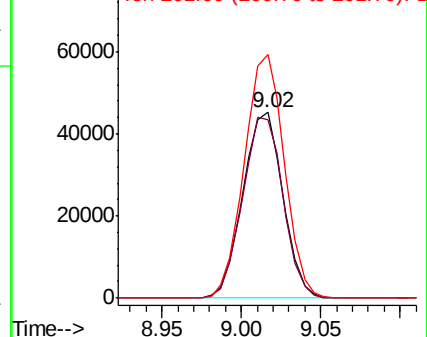
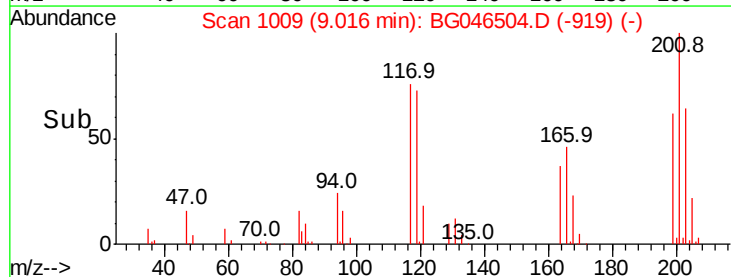


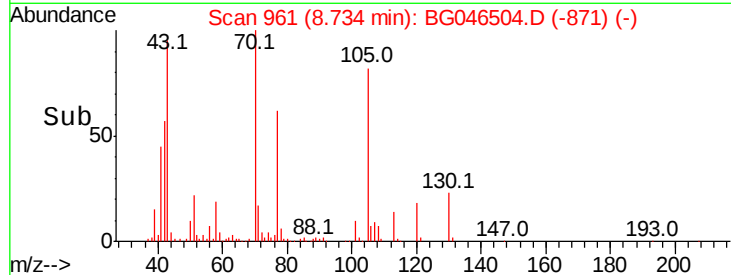
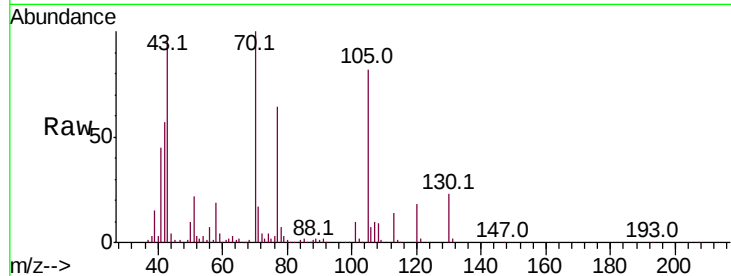
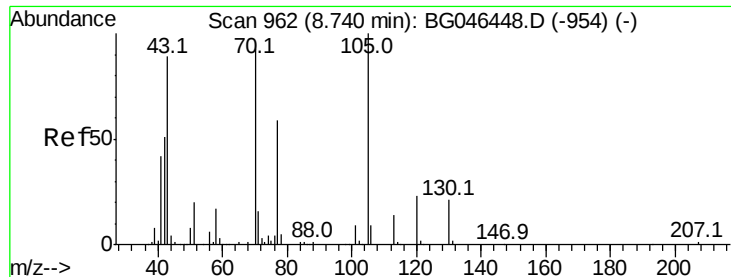
Abundance

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

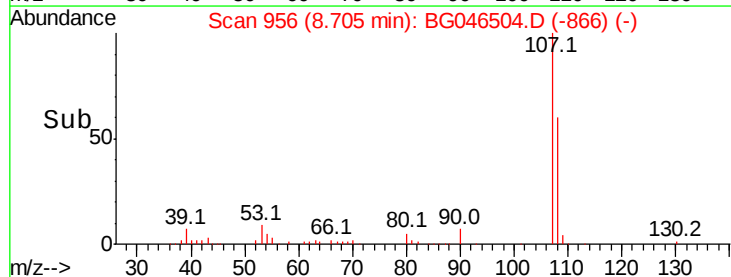
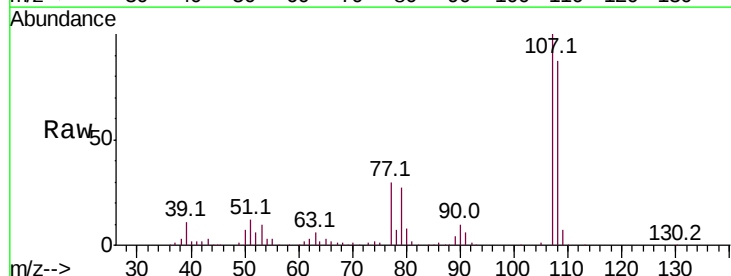
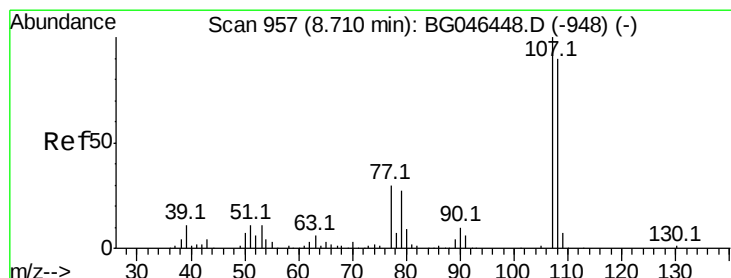
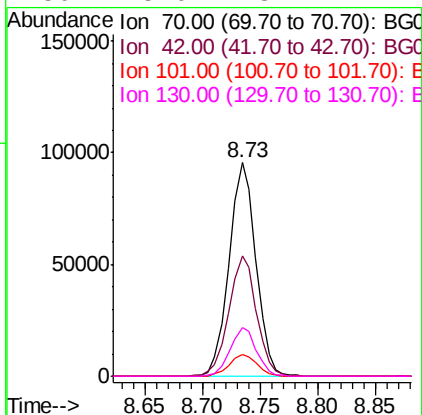




#19
n-Nitroso-di-n-propylamine
Concen: 37.964 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

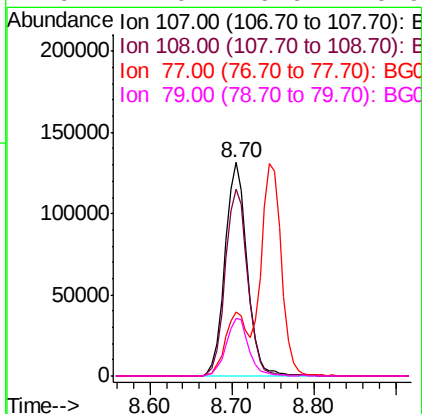
Instrument :
BNA_G
ClientSampleId :
PB131362BSD

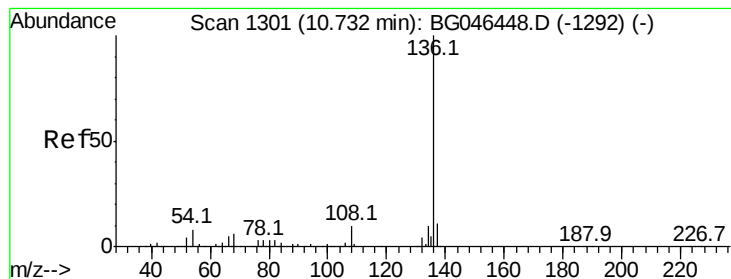
Tot Ion:	70	Resp:	153036
Ion	Ratio	Lower	Upper
70	100		
42	56.5	44.2	66.2
101	10.0	7.8	11.8
130	23.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.780 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:	107	Resp:	247775
Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.7	109.7
77	30.2	9.7	49.7
79	27.0	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

Tot Ion:136 Resp: 328101

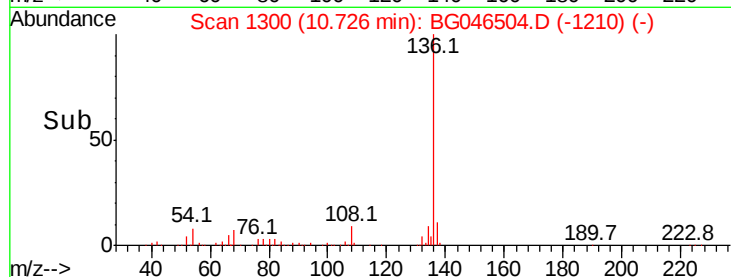
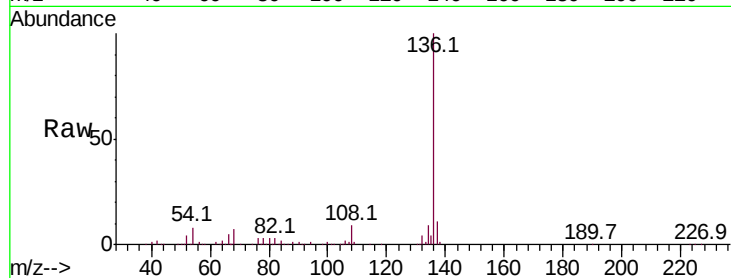
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.8 6.1 9.1

68 6.5 4.8 7.2



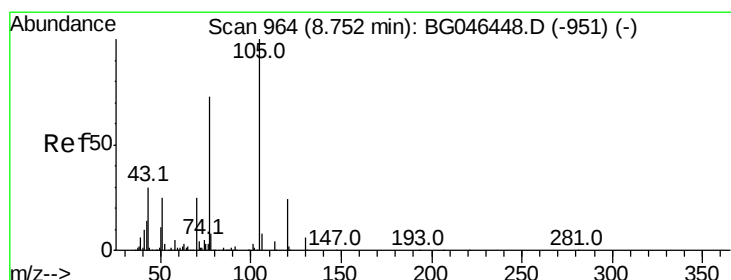
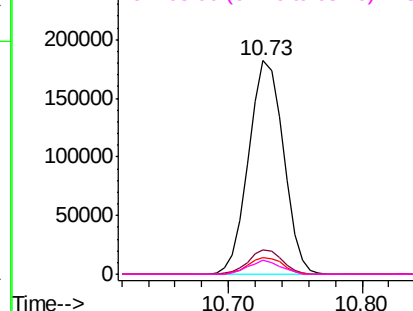
Abundance

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: 37.132 ng

RT: 8.75 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:105 Resp: 296560

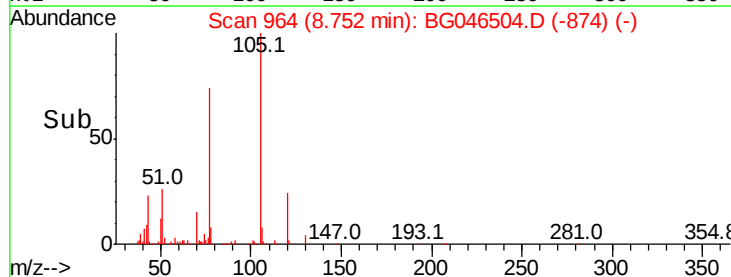
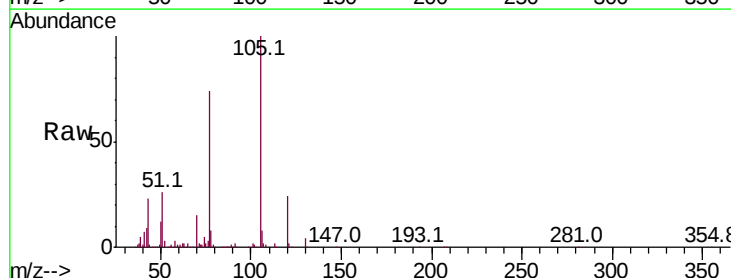
Ion Ratio Lower Upper

105 100

71 2.5 3.3 4.9#

51 26.1 20.6 31.0

120 23.7 19.0 28.6



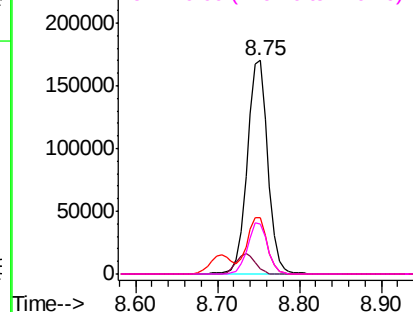
Abundance

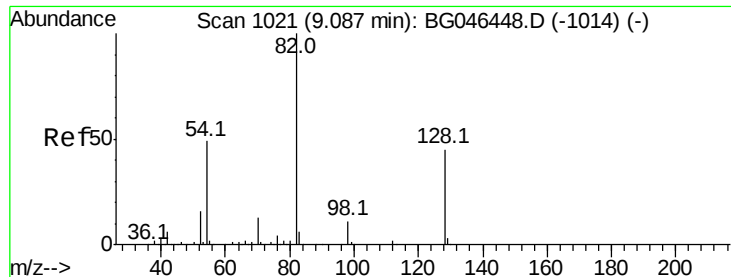
Ion 105.00 (104.70 to 105.70): E

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: 70.629 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

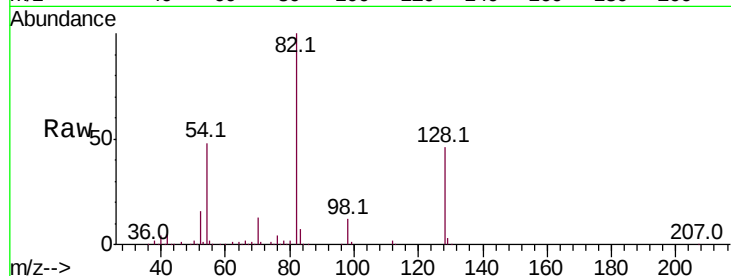
Tot Ion: 82 Resp: 405446

Ion Ratio Lower Upper

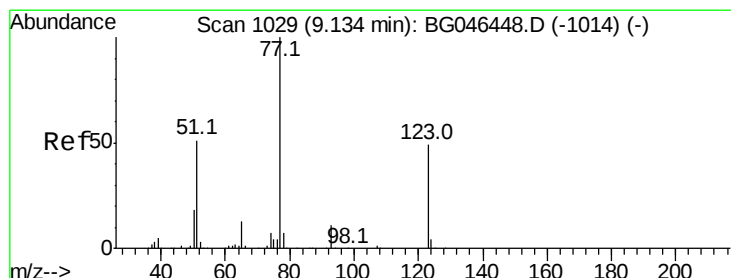
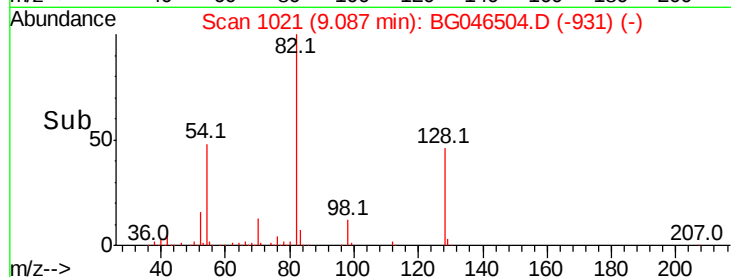
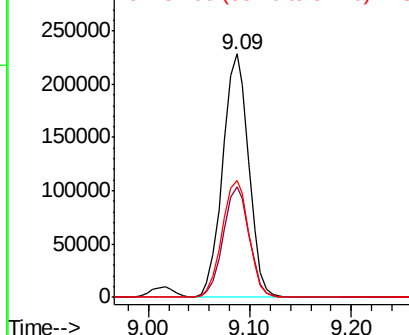
82 100

128 45.5 35.7 53.5

54 48.1 39.4 59.0



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



#24

Nitrobenzene

Concen: 38.472 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

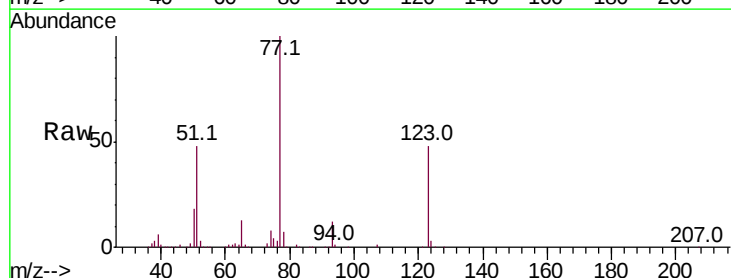
Tgt Ion: 77 Resp: 218187

Ion Ratio Lower Upper

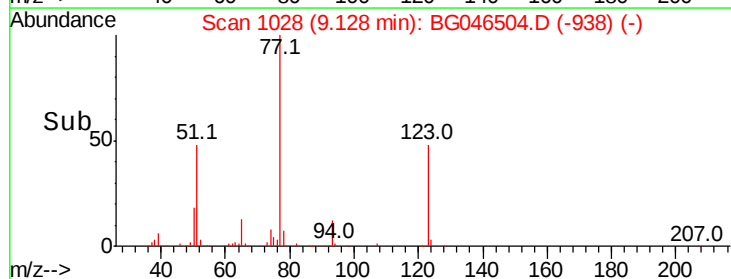
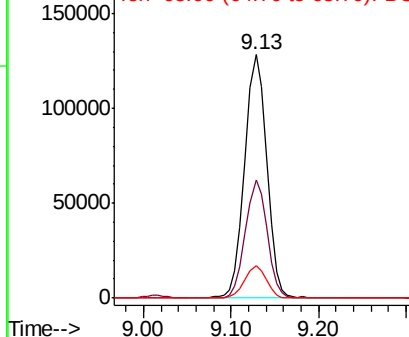
77 100

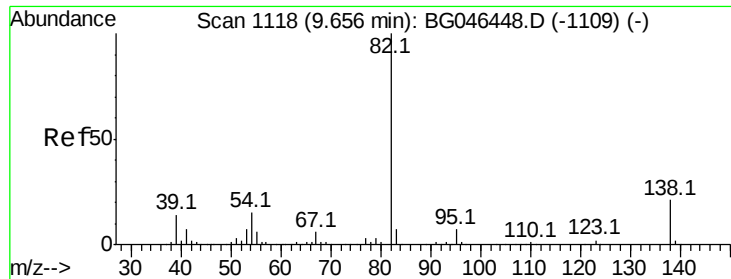
123 48.4 39.6 59.4

65 13.3 10.1 15.1



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





#25

Isophorone

Concen: 39.932 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

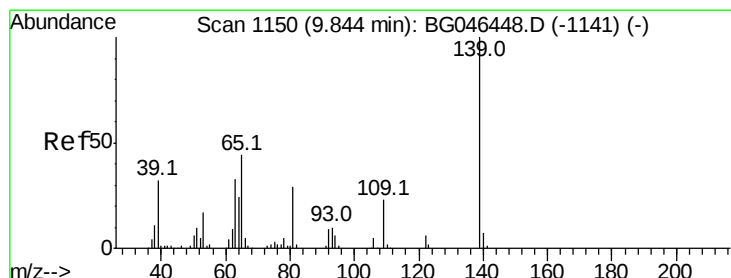
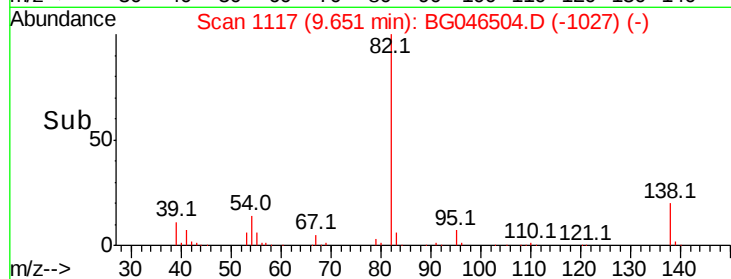
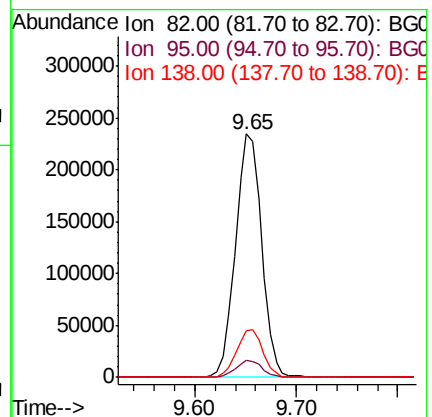
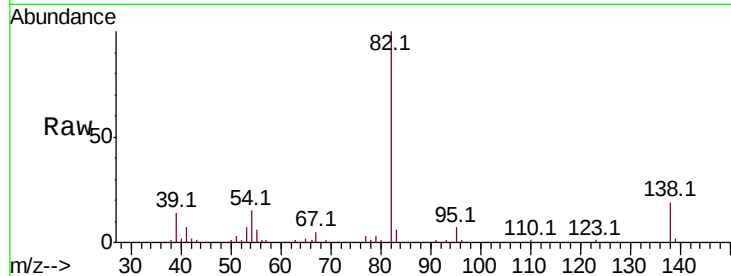
Tot Ion: 82 Resp: 420269

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 19.3 16.4 24.6



#26

2-Nitrophenol

Concen: 40.945 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

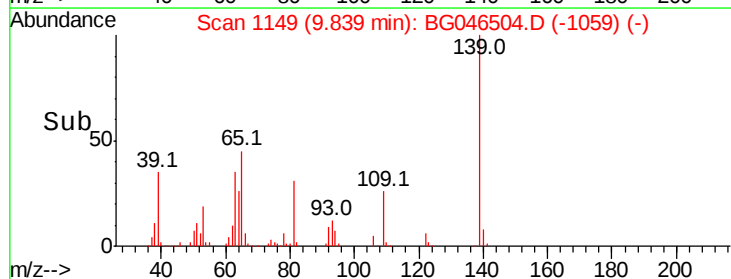
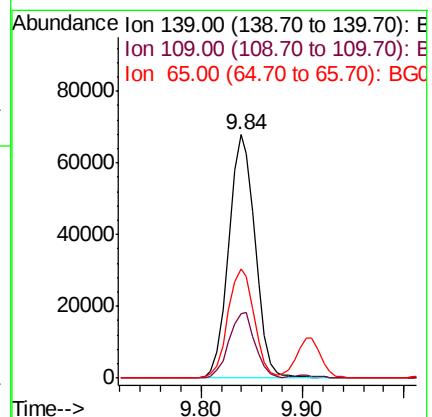
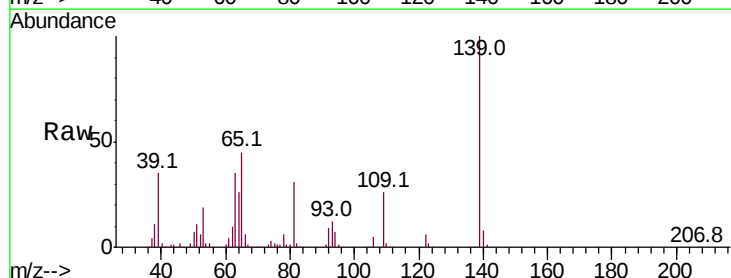
Tgt Ion: 139 Resp: 122517

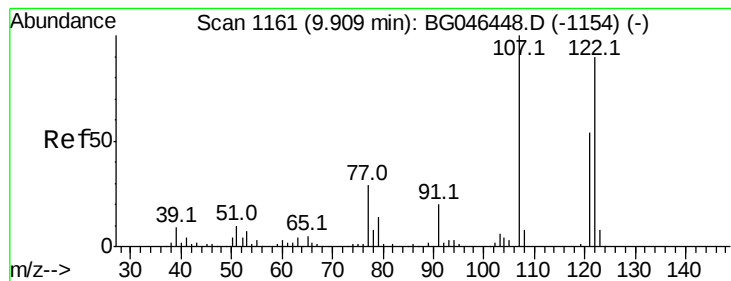
Ion Ratio Lower Upper

139 100

109 26.4 18.8 28.2

65 45.0 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 47.109 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

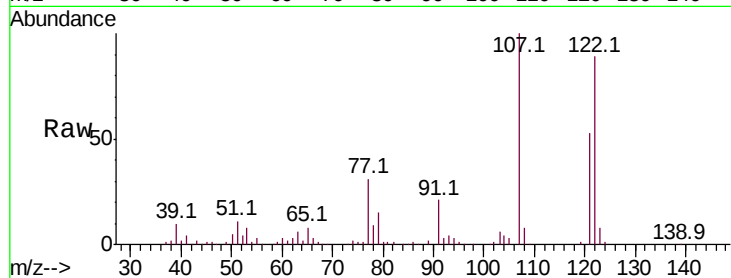
Tot Ion:122 Resp: 193875

Ion Ratio Lower Upper

122 100

107 111.7 88.2 132.2

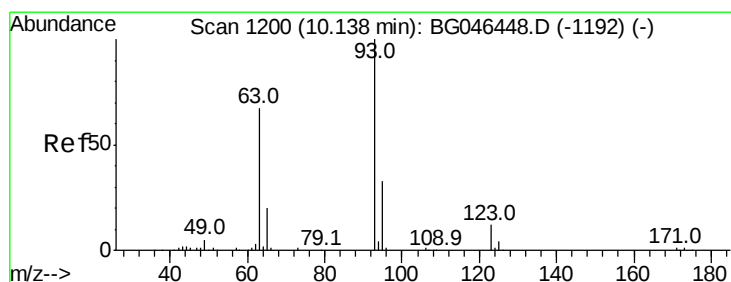
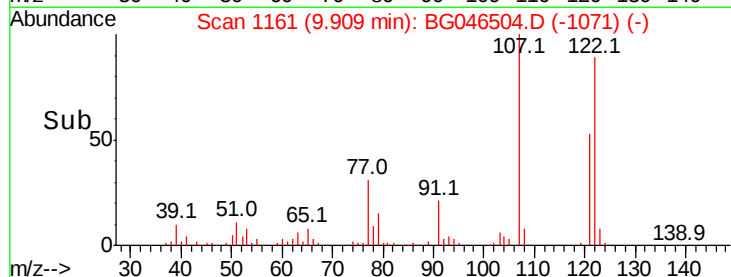
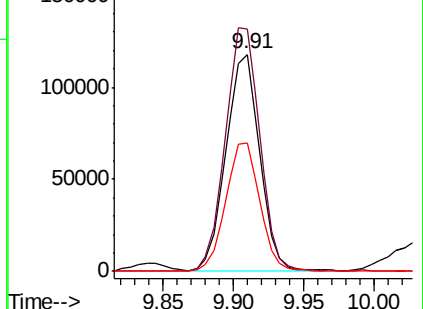
121 59.4 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.933 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

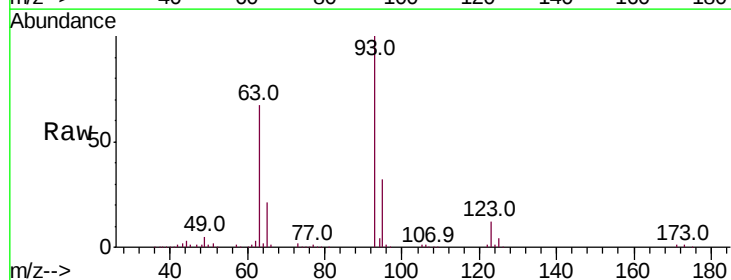
Tgt Ion: 93 Resp: 256961

Ion Ratio Lower Upper

93 100

95 31.6 26.1 39.1

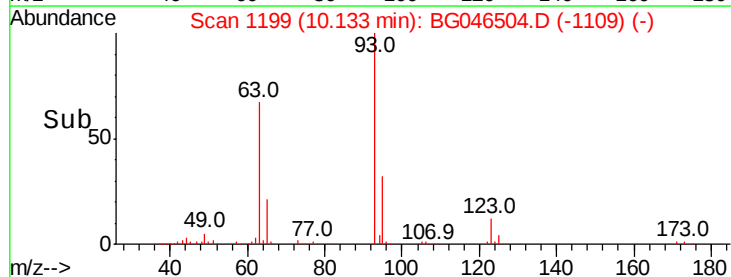
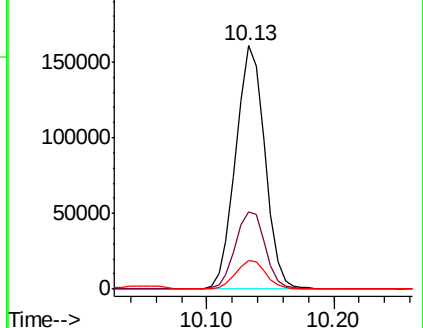
123 11.9 9.5 14.3

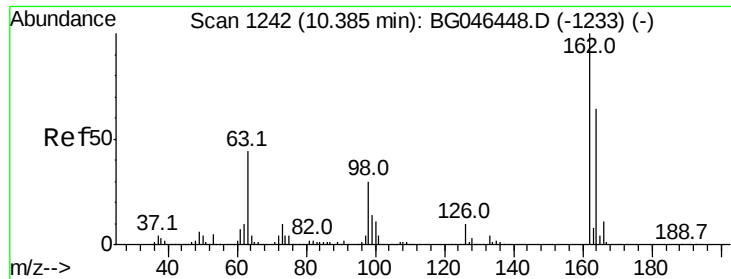


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

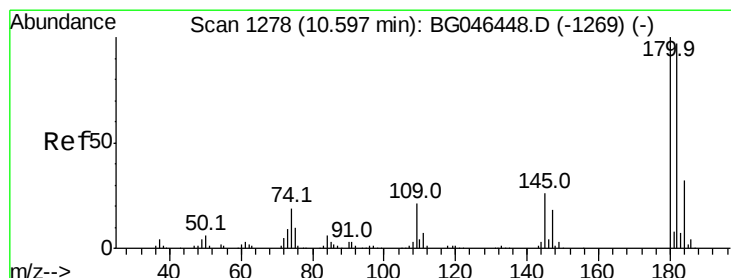
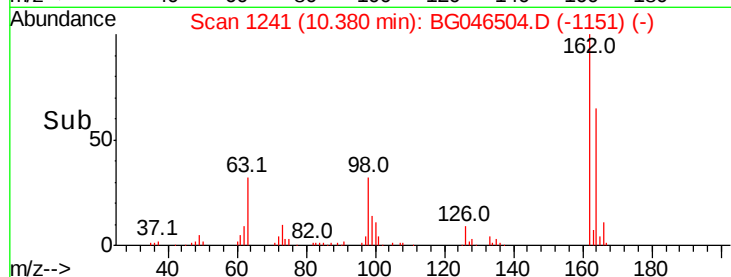
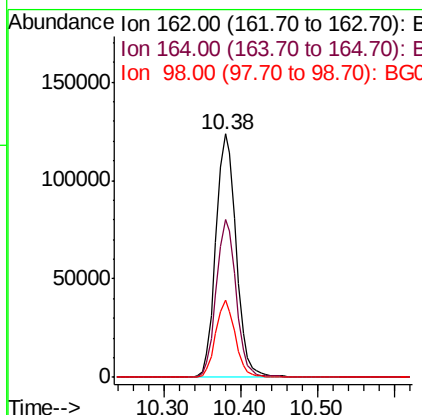
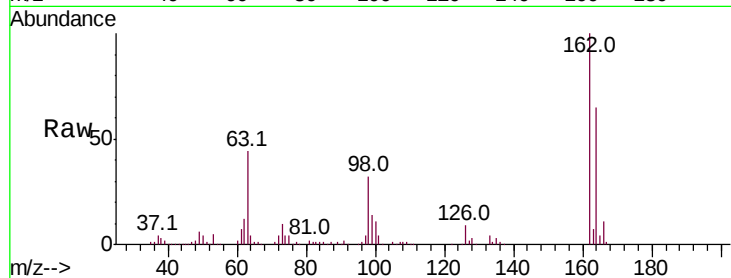




#29
 2,4-Dichlorophenol
 Concen: 41.058 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

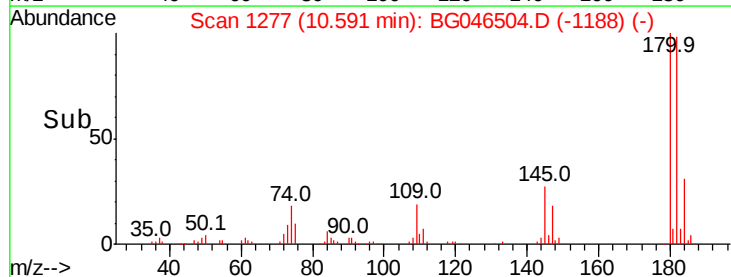
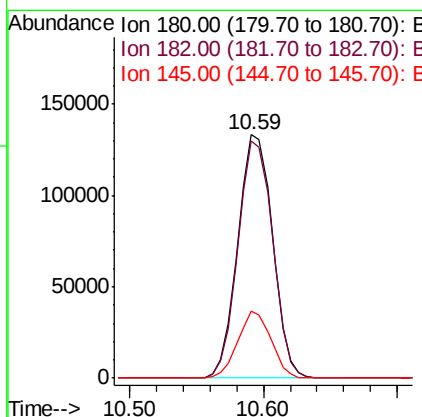
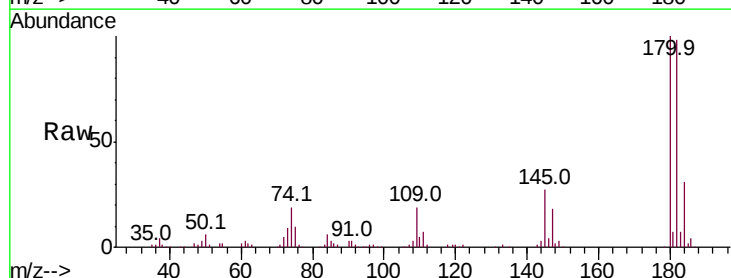
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

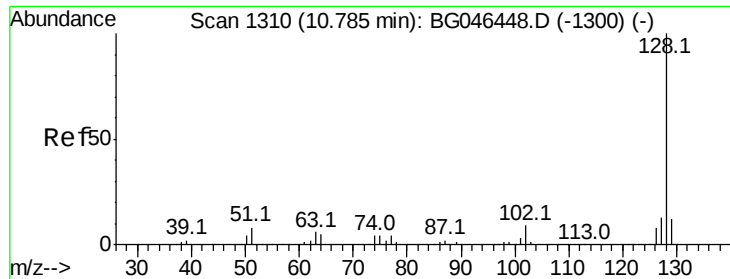
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.3	84.3
98	31.6	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.000 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.8	116.8
145	27.3	20.9	31.3

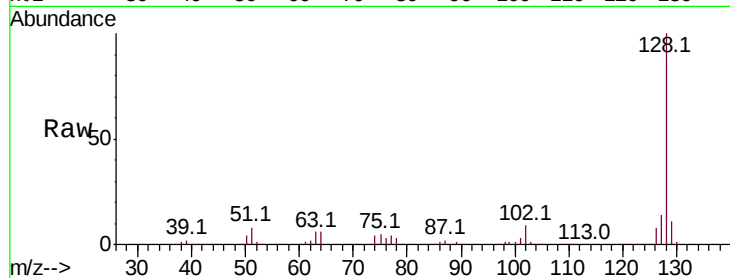




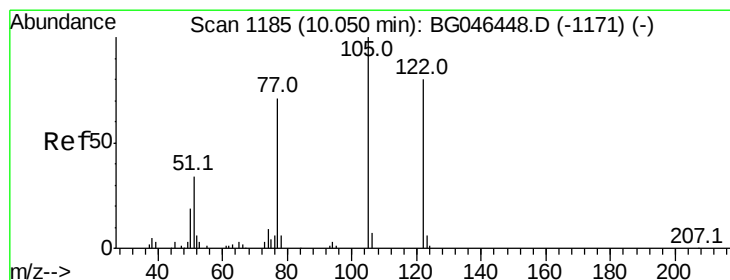
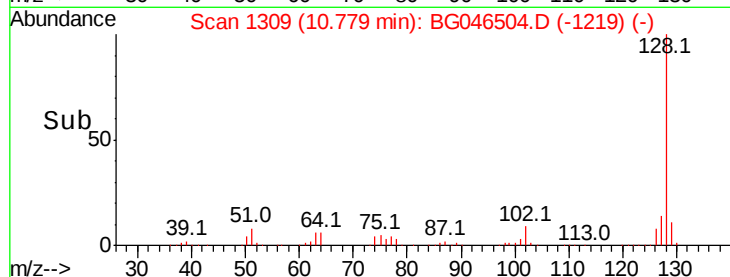
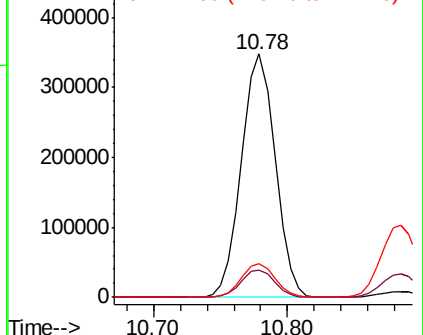
#31
Naphthalene
Concen: 38.128 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion:128 Resp: 610810
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 14.1 10.7 16.1

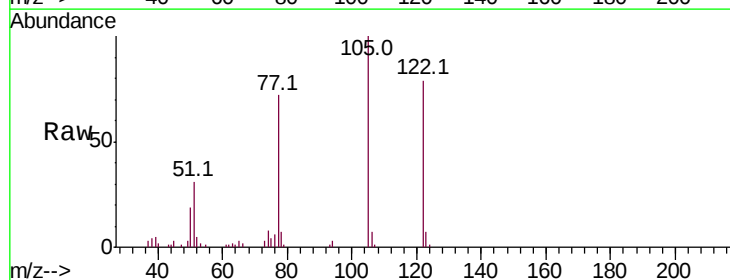


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

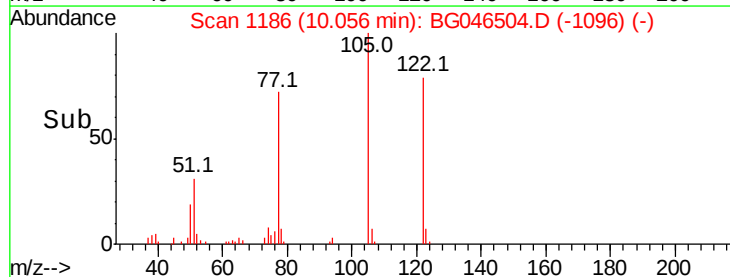
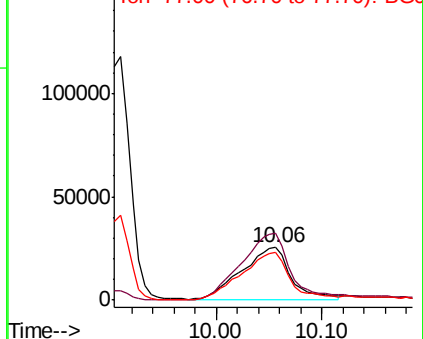


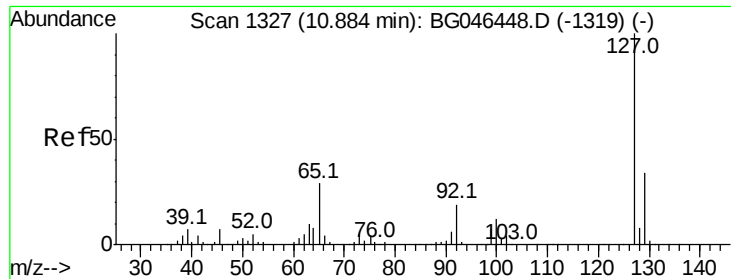
#32
Benzoic acid
Concen: 30.862 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:122 Resp: 80588
Ion Ratio Lower Upper
122 100
105 127.1 102.5 142.5
77 91.9 68.2 108.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

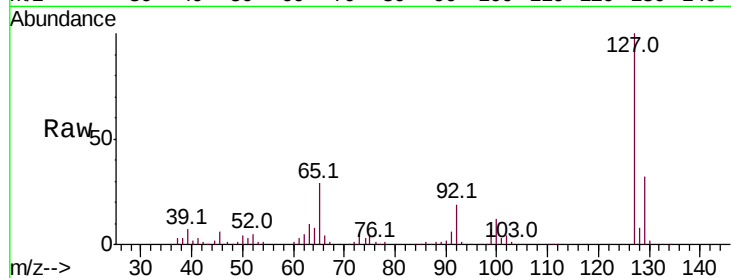




#33
4-Chloroaniline
Concen: 28.805 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion:	127	Resp:	203482
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.0	40.4
65	29.2	23.5	35.3
92	18.6	14.9	22.3



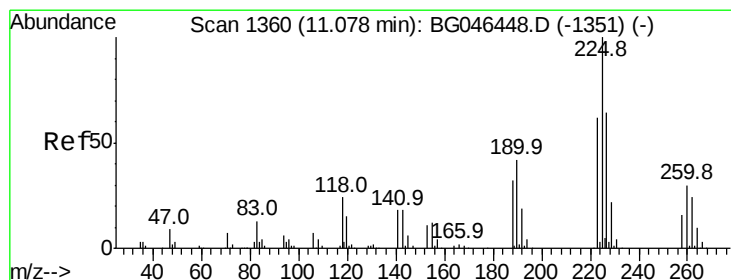
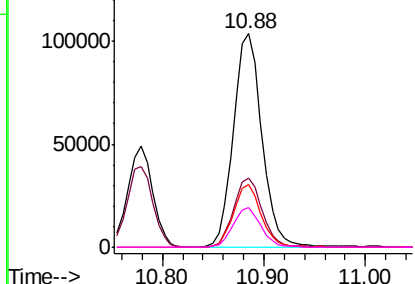
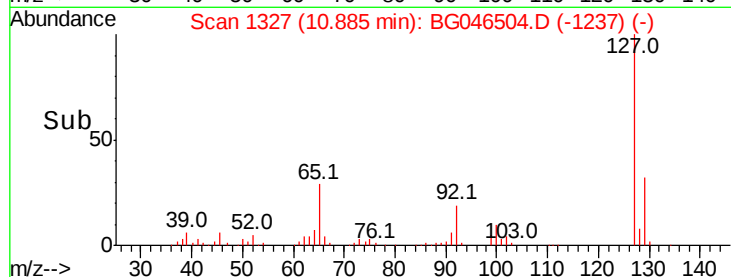
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

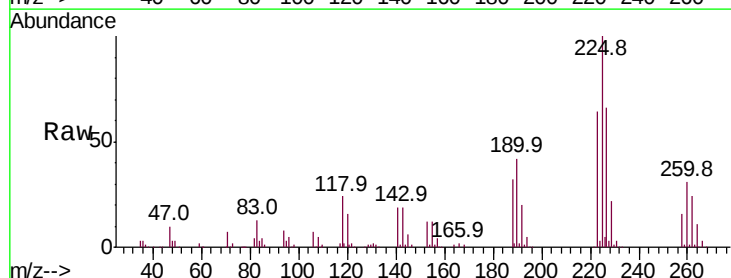
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.226 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:	225	Resp:	153079
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.9	74.9
227	66.0	51.6	77.4

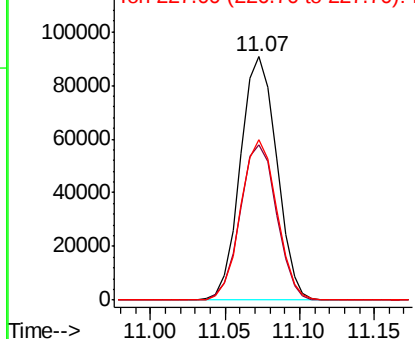
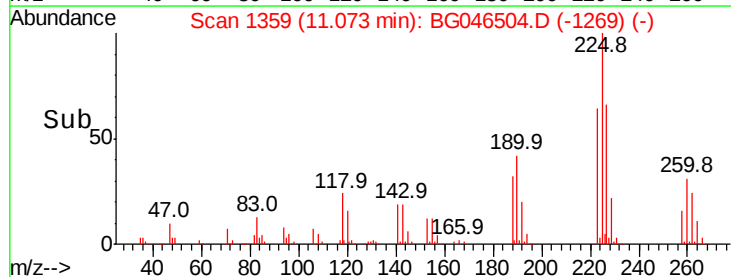


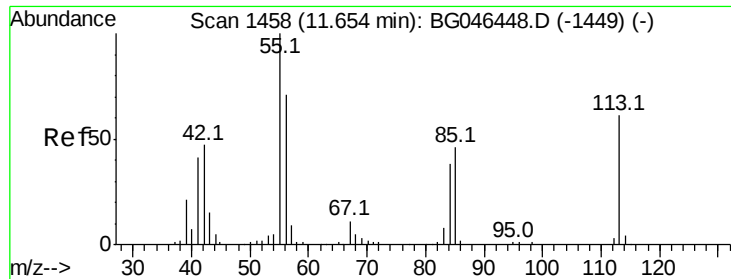
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

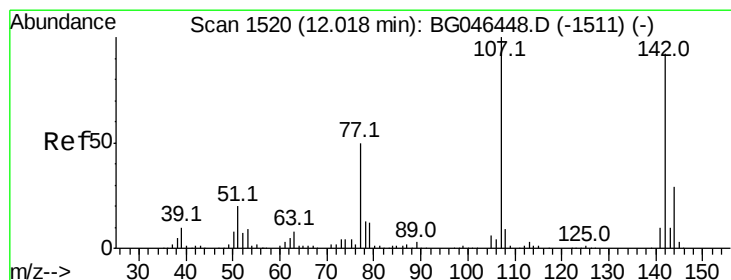
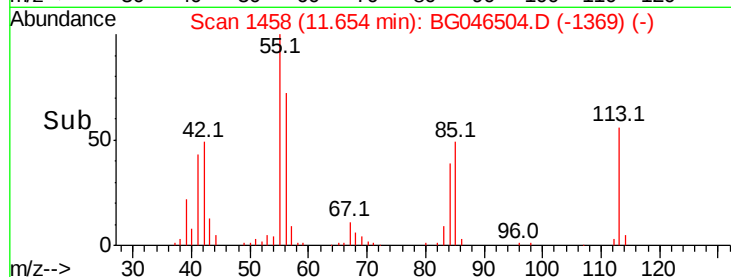
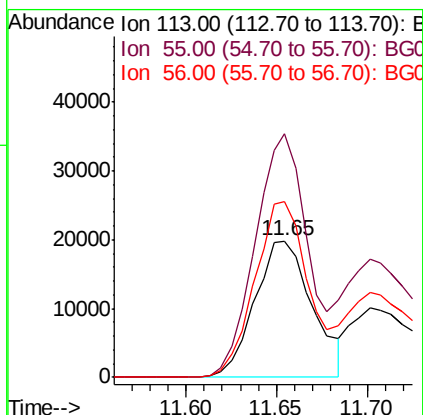
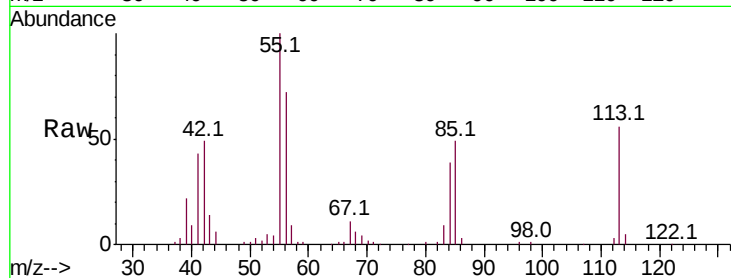




#35
 Caprolactam
 Concen: 21.275 ng
 RT: 11.65 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

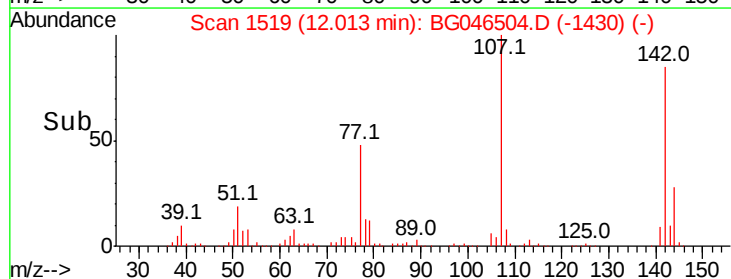
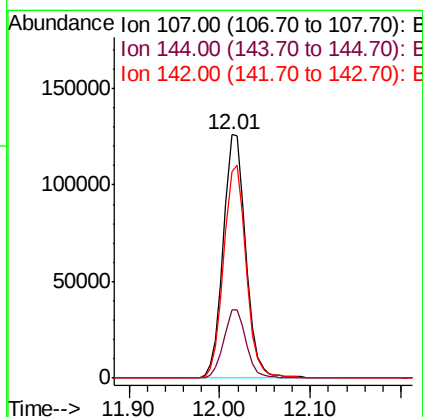
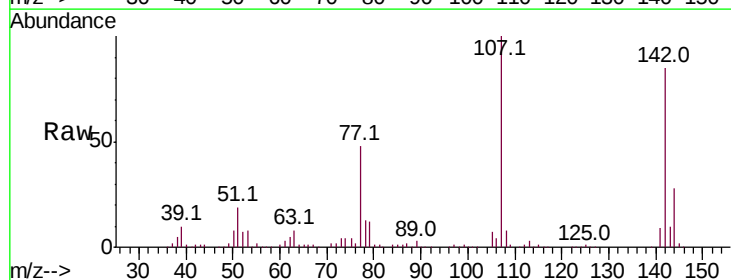
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

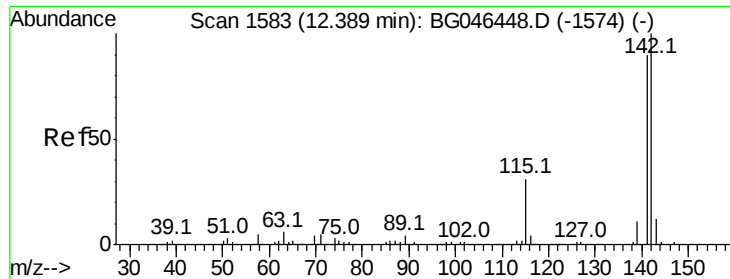
Tot Ion:113 Resp: 43631
 Ion Ratio Lower Upper
 113 100
 55 178.5 144.2 184.2
 56 129.3 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.741 ng
 RT: 12.01 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion:107 Resp: 218611
 Ion Ratio Lower Upper
 107 100
 144 28.0 23.3 34.9
 142 84.9 73.7 110.5

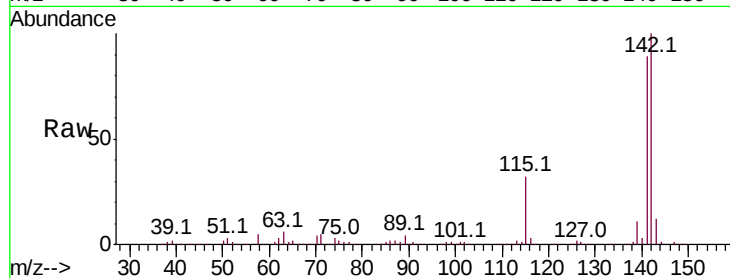




#37
2-Methylnaphthalene
Concen: 38.463 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.1	108.1
115	31.7	24.9	37.3

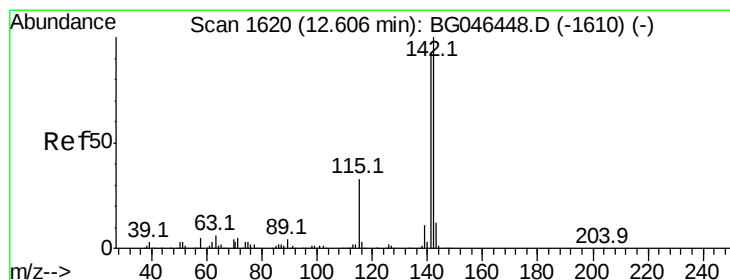
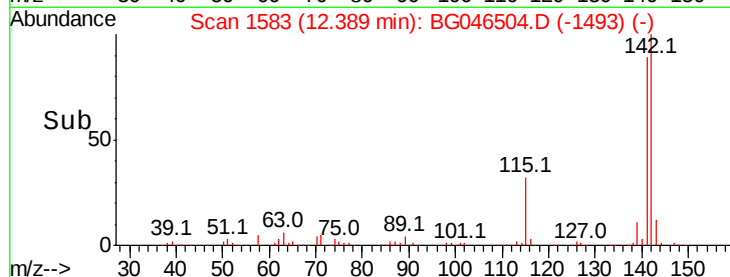
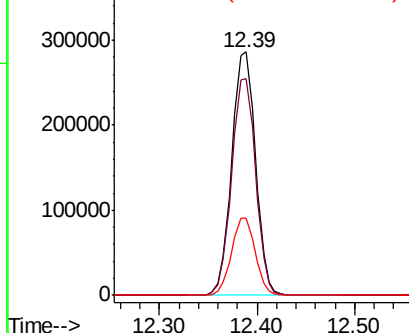


Abundance

Ion 142.00 (141.70 to 142.70): E

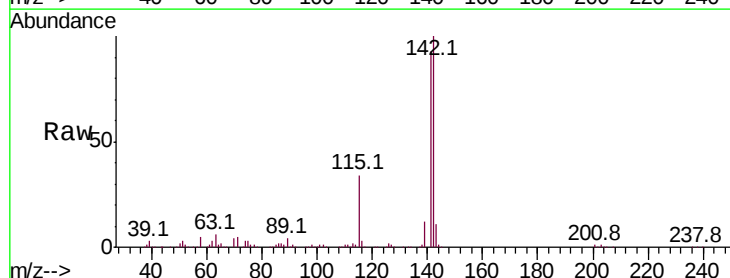
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.386 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	3.3	2.6	4.0

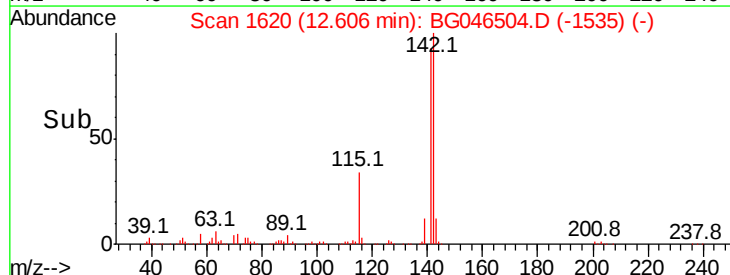
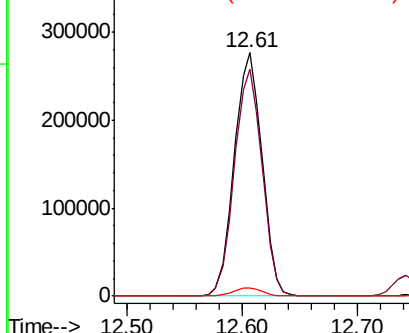


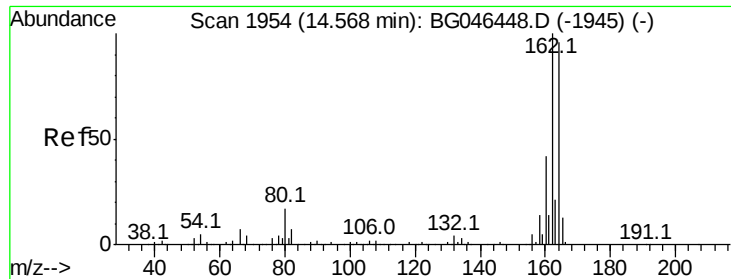
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

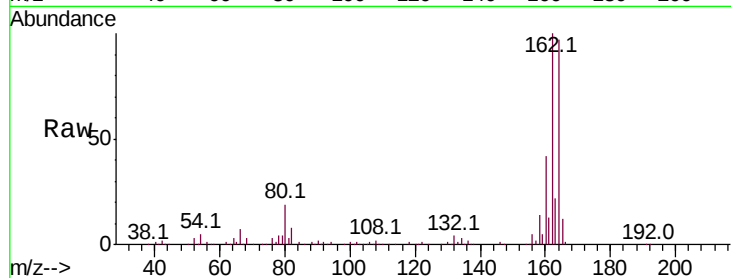
Tot Ion:164 Resp: 216597

Ion Ratio Lower Upper

164 100

162 102.9 83.3 124.9

160 43.2 35.0 52.6

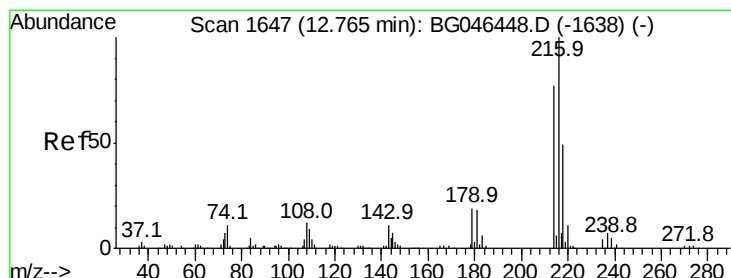
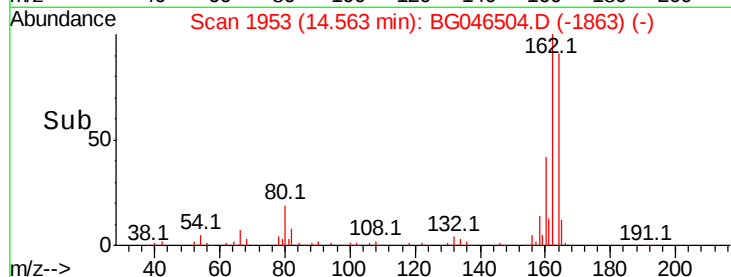
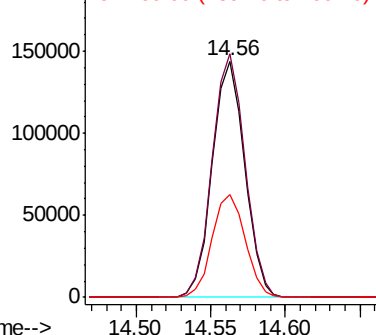


Abundance

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: 40.069 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:216 Resp: 286199

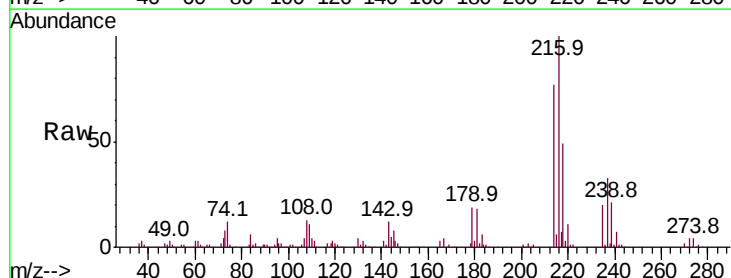
Ion Ratio Lower Upper

216 100

214 77.4 62.1 93.1

179 18.5 14.9 22.3

108 14.9 10.5 15.7



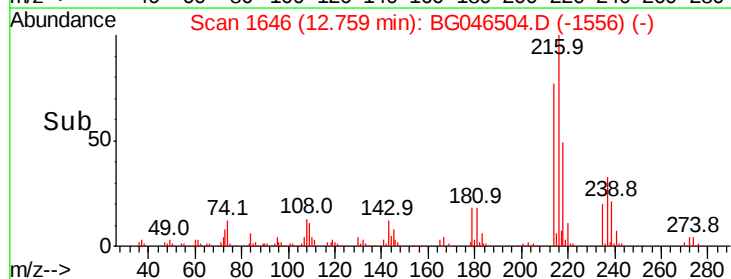
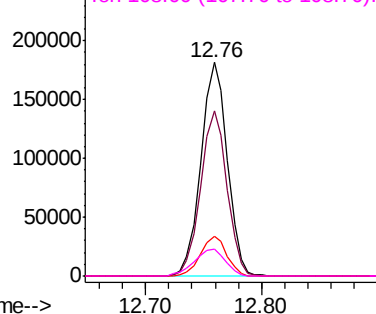
Abundance

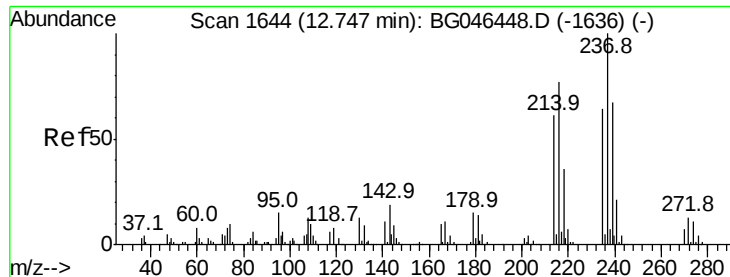
Ion 216.00 (215.70 to 216.70): E

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: 111.768 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

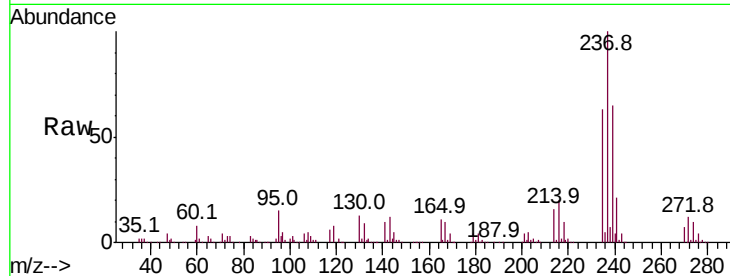
Tot Ion:237 Resp: 347125

Ion Ratio Lower Upper

237 100

235 63.3 44.5 84.5

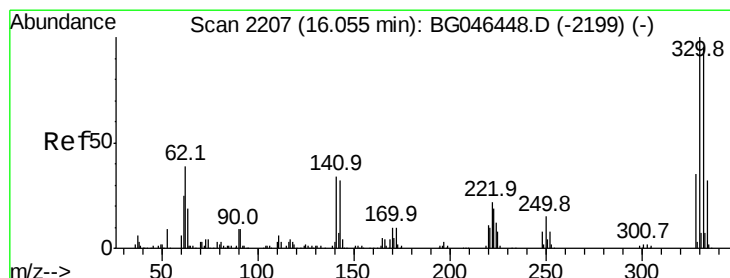
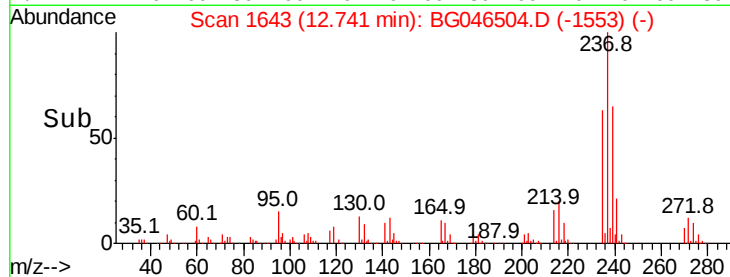
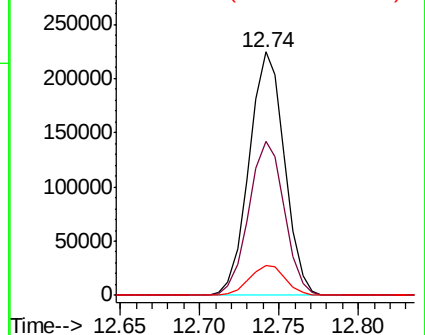
272 12.4 0.0 32.8



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: 95.060 ng

RT: 16.06 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

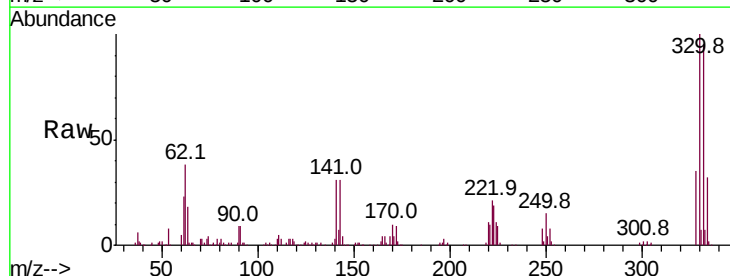
Tgt Ion:330 Resp: 278977

Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

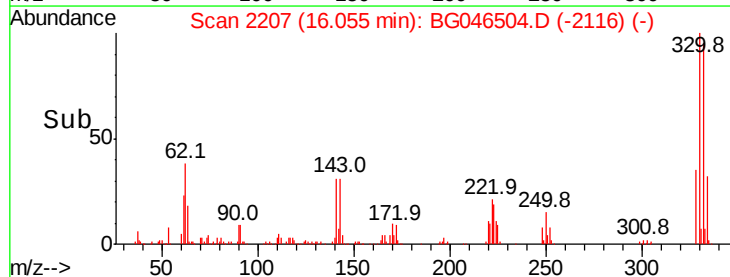
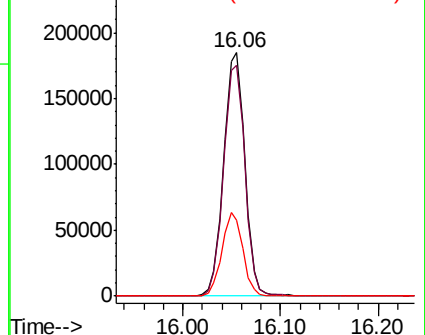
141 33.6 26.1 39.1

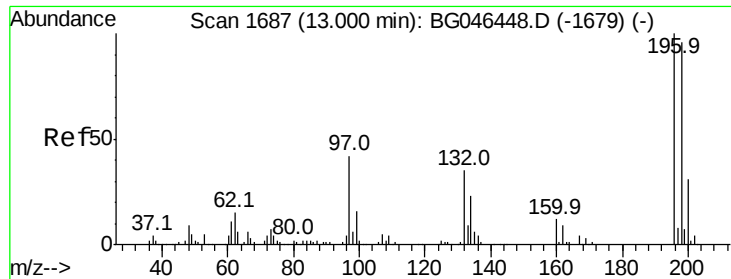


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

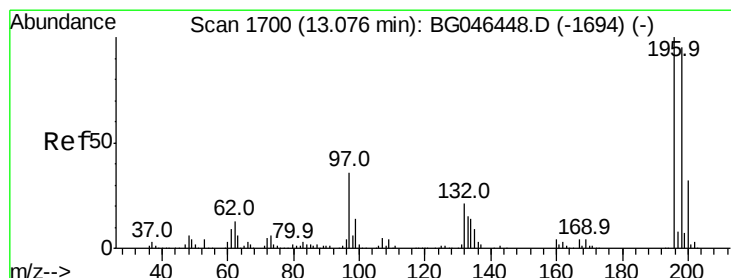
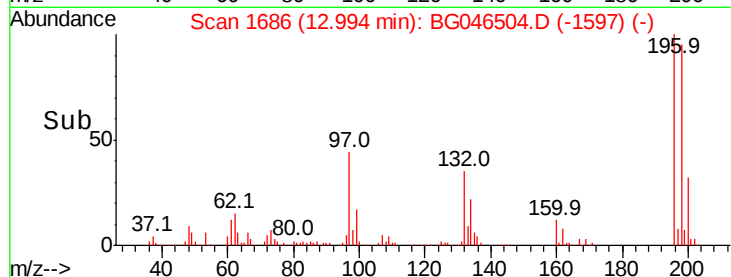
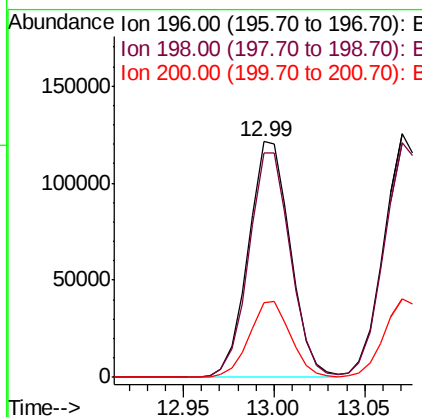
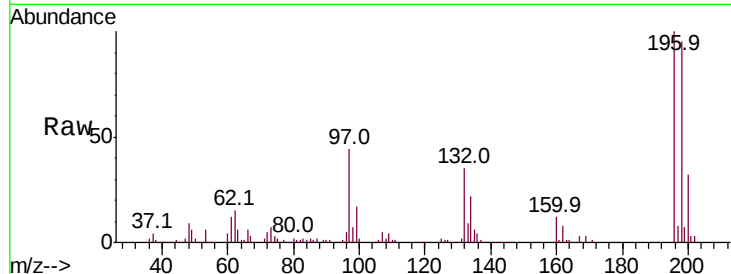




#43
 2,4,6-Trichlorophenol
 Concen: 40.523 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

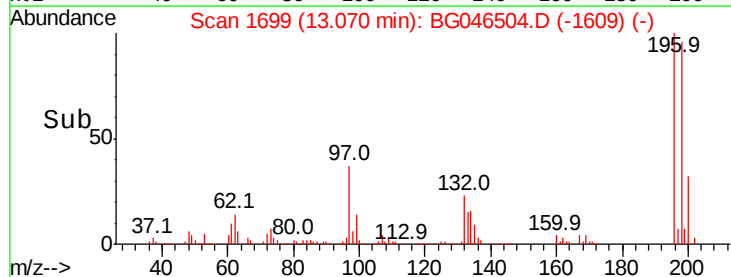
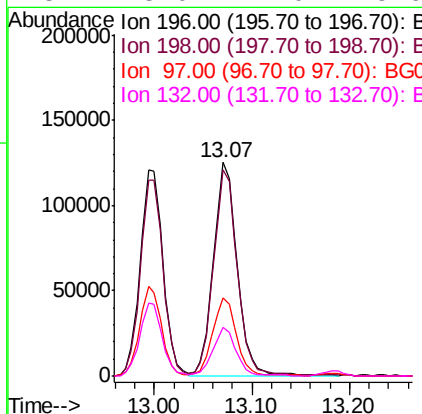
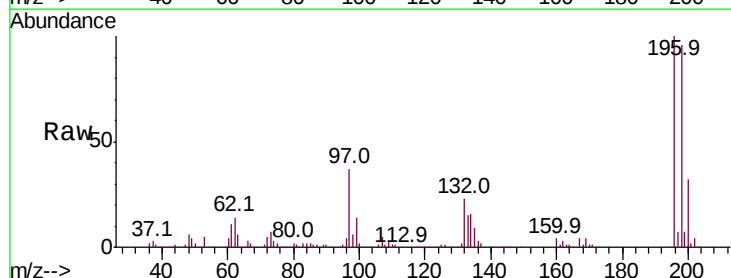
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

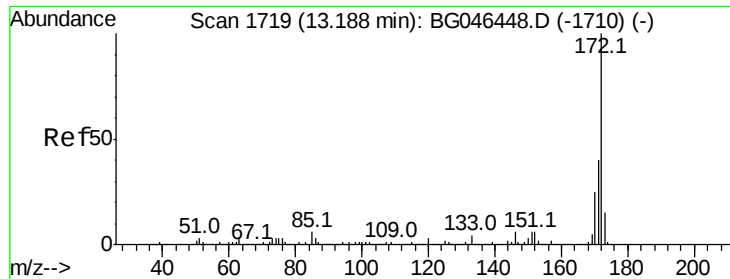
Tot Ion:196 Resp: 195324
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.0 115.6
 200 31.9 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.635 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion:196 Resp: 210848
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.6 113.4
 97 36.7 28.6 43.0
 132 23.0 17.0 25.6

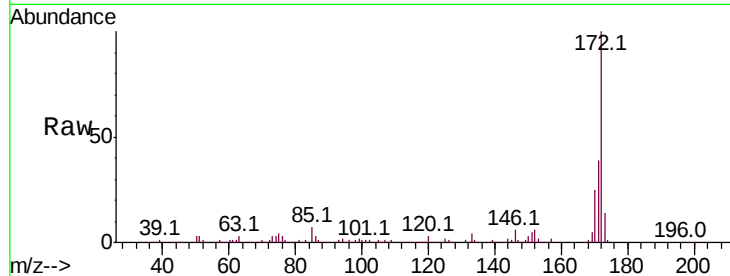




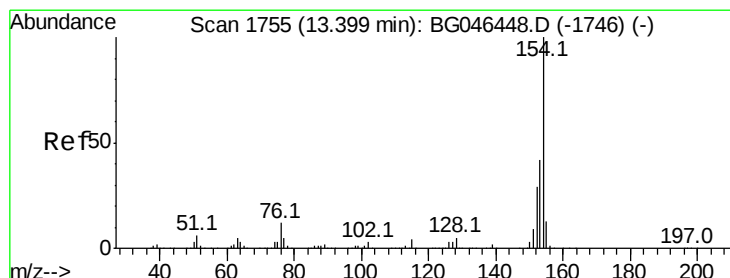
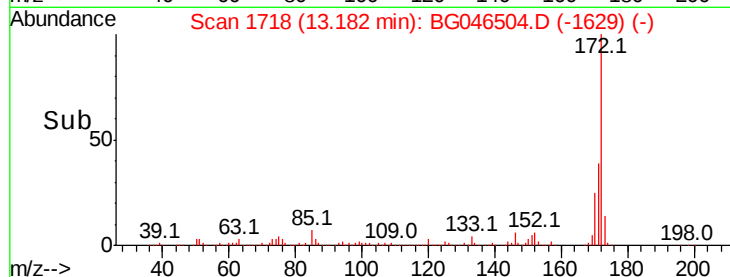
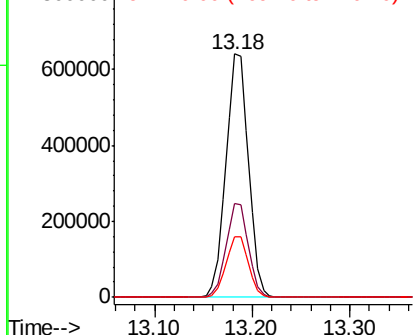
#45
2-Fluorobiphenyl
Concen: 72.021 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion:172 Resp: 1021868
Ion Ratio Lower Upper
172 100
171 38.5 31.8 47.6
170 24.7 20.3 30.5

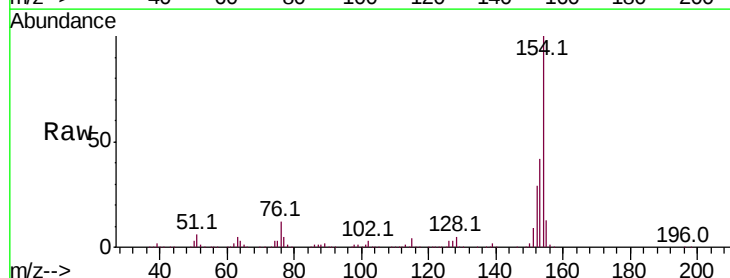


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

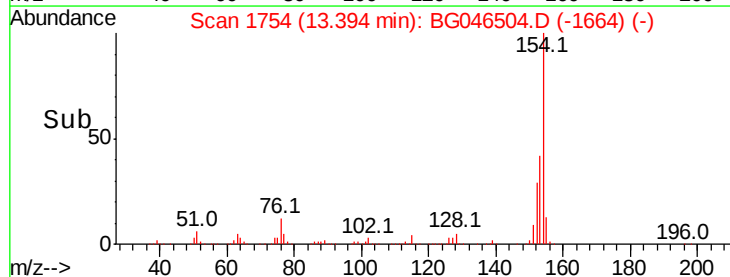
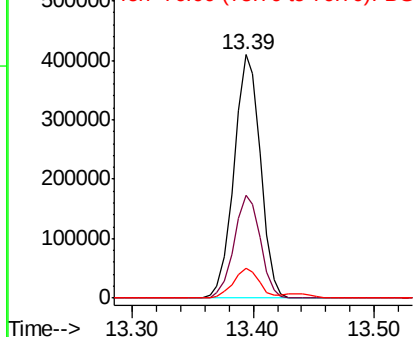


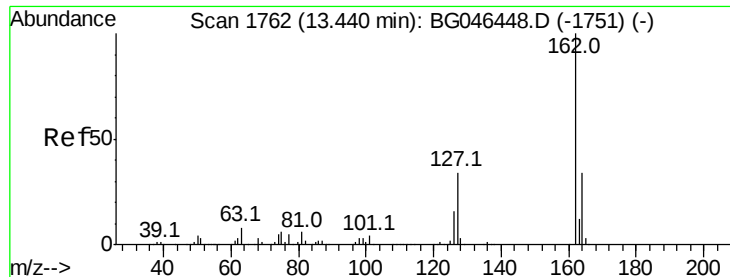
#46
1,1'-Biphenyl
Concen: 41.347 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:154 Resp: 623077
Ion Ratio Lower Upper
154 100
153 42.1 22.0 62.0
76 12.1 0.0 32.3



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





#47

2-Chloronaphthalene

Concen: 38.000 ng

RT: 13.43 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

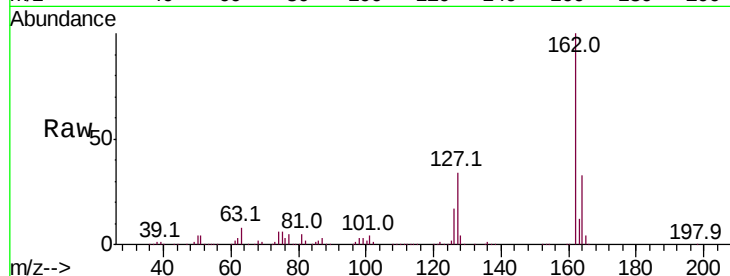
Tot Ion:162 Resp: 485523

Ion Ratio Lower Upper

162 100

127 34.3 27.6 41.4

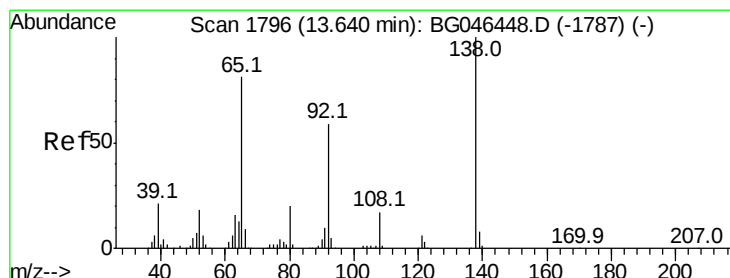
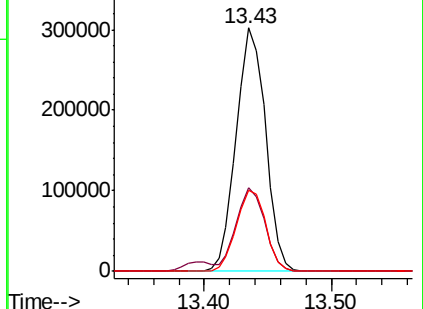
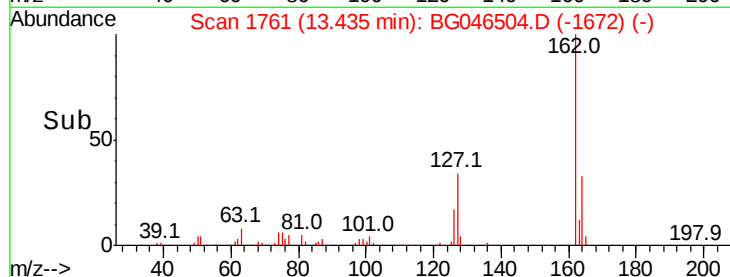
164 33.2 27.3 40.9



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: 38.522 ng

RT: 13.63 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

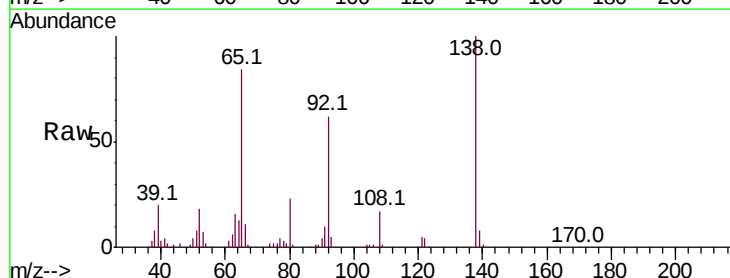
Tgt Ion: 65 Resp: 136670

Ion Ratio Lower Upper

65 100

92 74.2 58.5 87.7

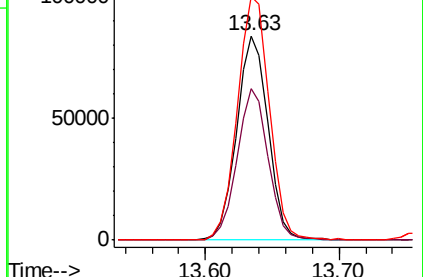
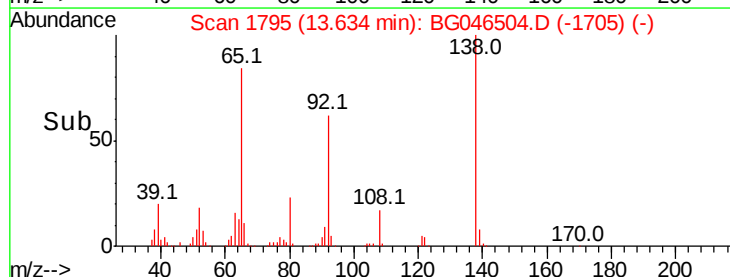
138 119.3 98.4 147.6

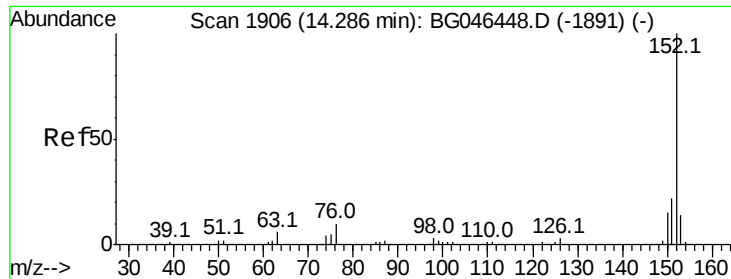


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.530 ng

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

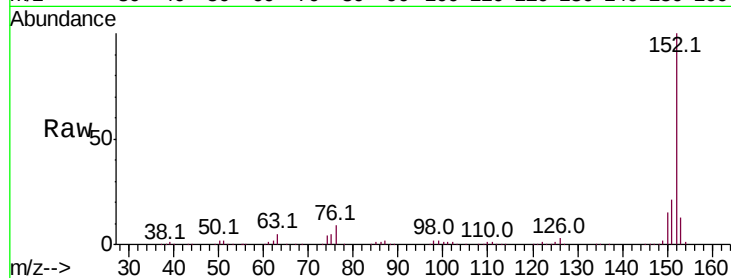
Tot Ion:152 Resp: 785528

Ion Ratio Lower Upper

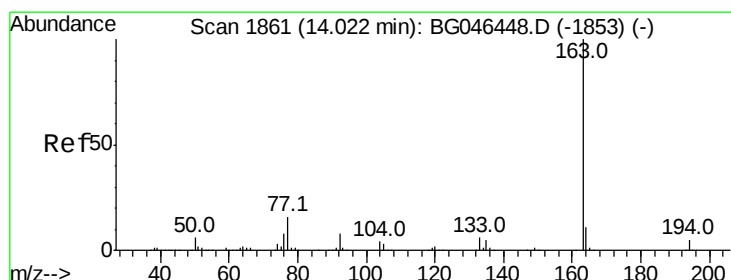
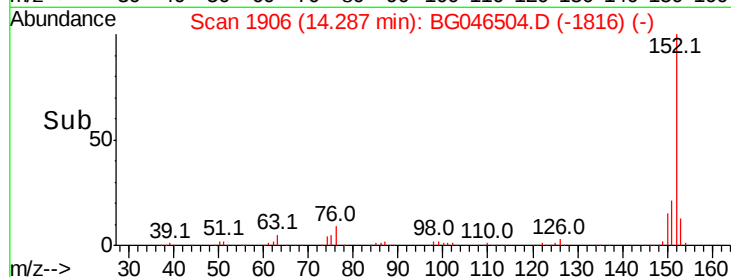
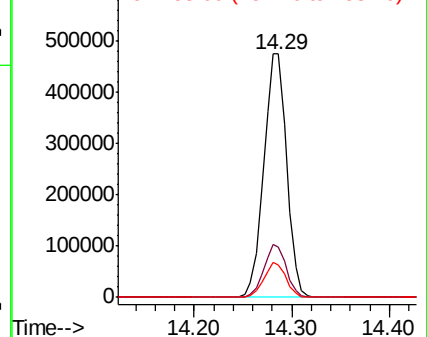
152 100

151 20.9 17.7 26.5

153 13.4 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.925 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

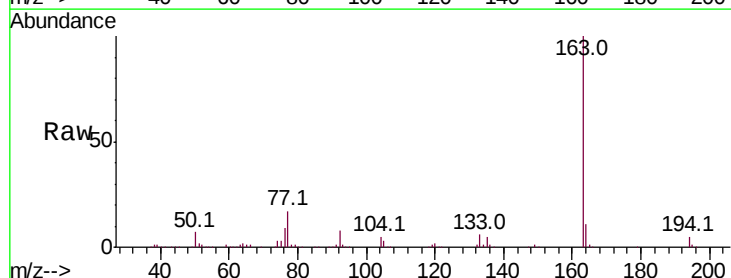
Tgt Ion:163 Resp: 635517

Ion Ratio Lower Upper

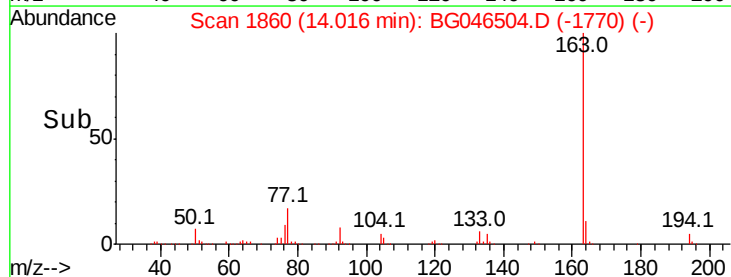
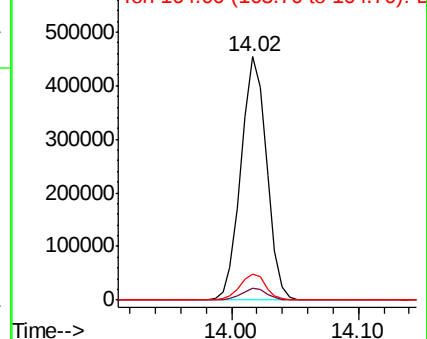
163 100

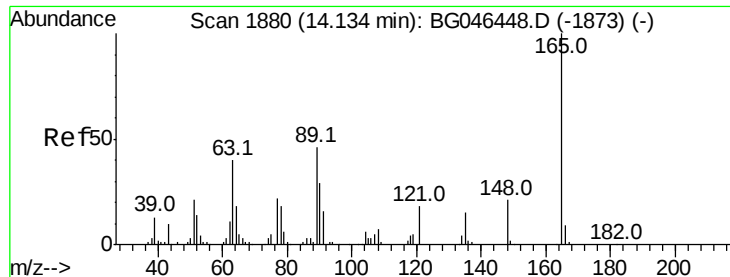
194 4.8 3.7 5.5

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

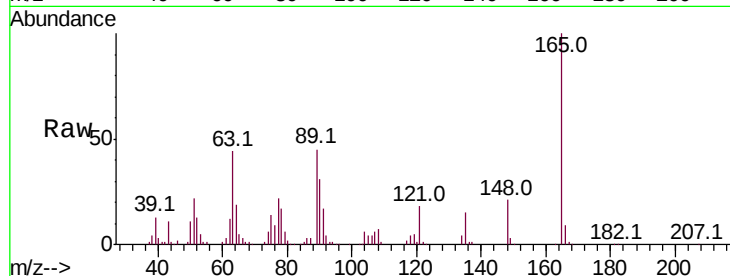




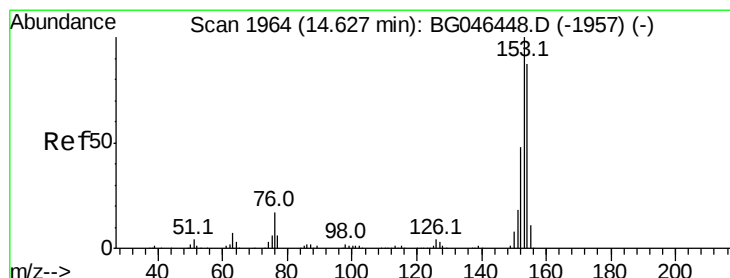
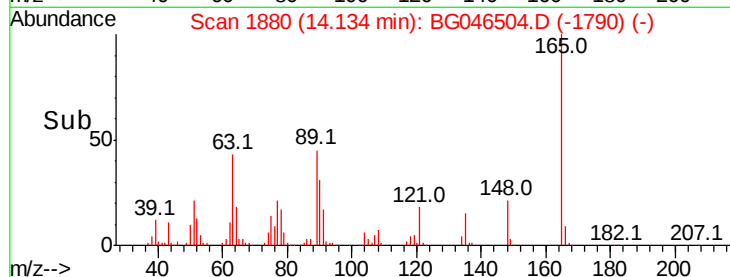
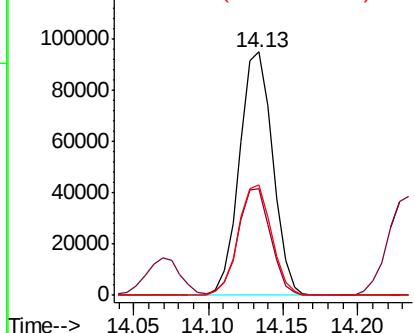
#51
 2,6-Dinitrotoluene
 Concen: 39.813 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion:165 Resp: 147062
 Ion Ratio Lower Upper
 165 100
 63 43.9 34.2 51.4
 89 45.3 37.0 55.4

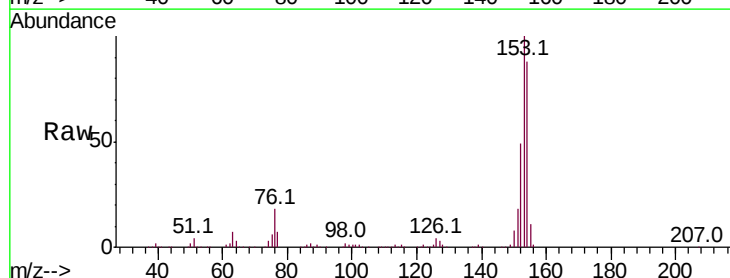


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

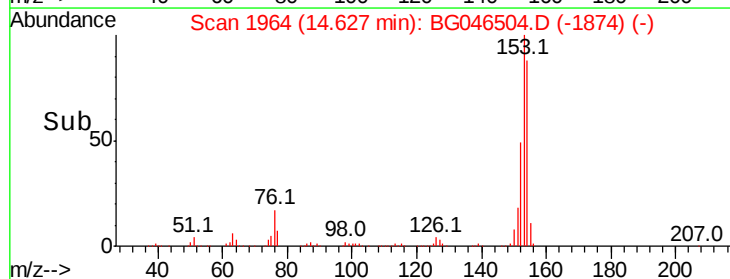
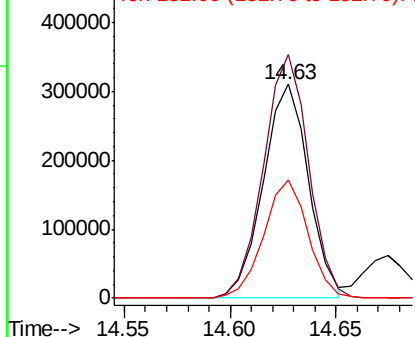


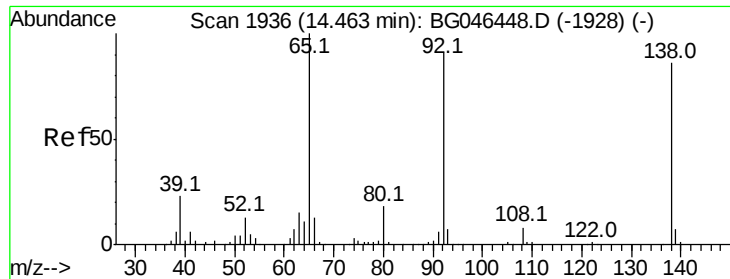
#52
 Acenaphthene
 Concen: 38.423 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion:154 Resp: 461471
 Ion Ratio Lower Upper
 154 100
 153 114.0 91.9 137.9
 152 55.4 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.278 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

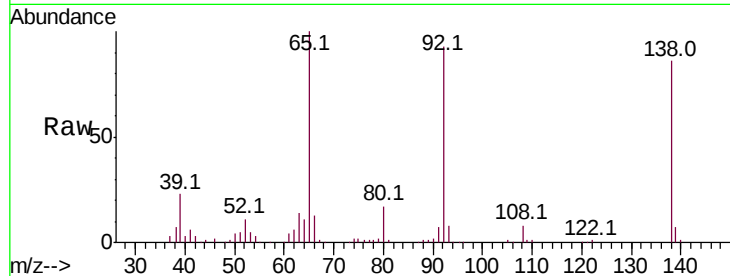
Tot Ion:138 Resp: 117148

Ion Ratio Lower Upper

138 100

108 9.3 7.0 10.6

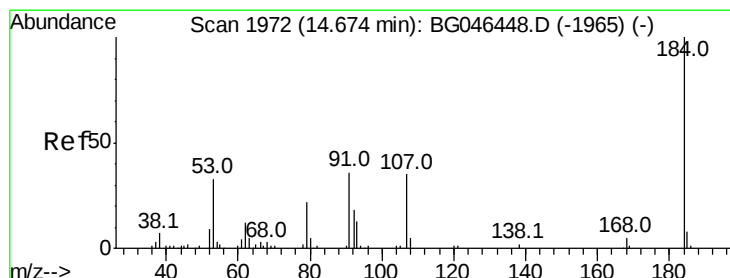
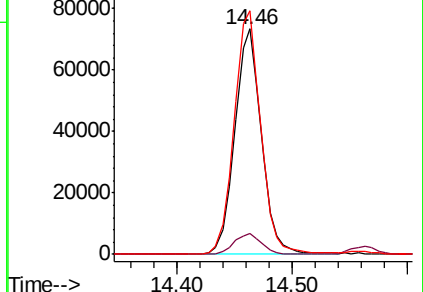
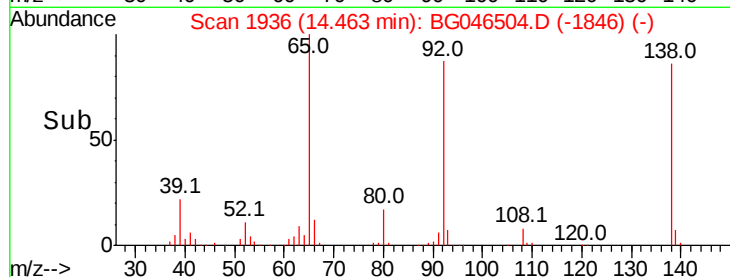
92 108.0 84.6 127.0



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: 87.953 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

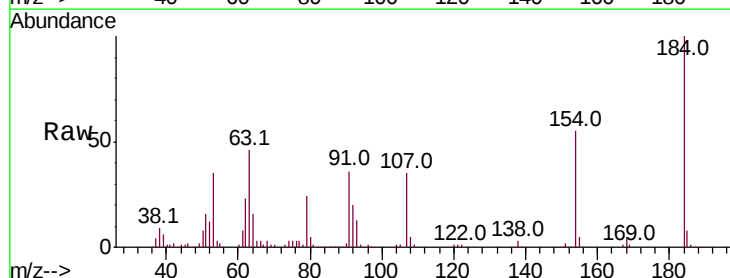
Tgt Ion:184 Resp: 189637

Ion Ratio Lower Upper

184 100

63 46.0 35.6 53.4

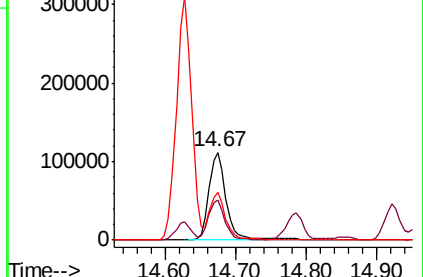
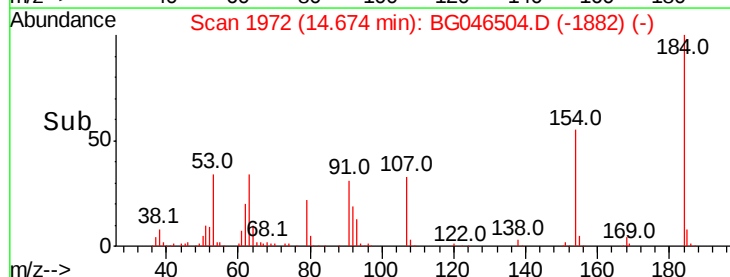
154 55.2 44.3 66.5

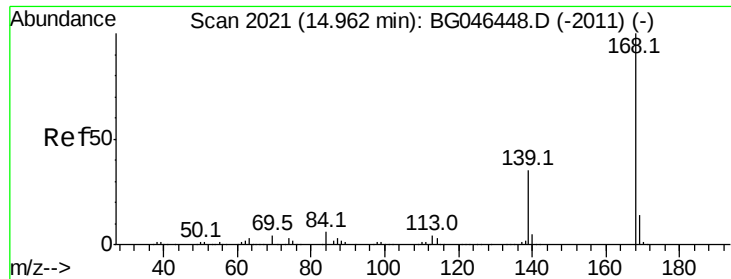


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

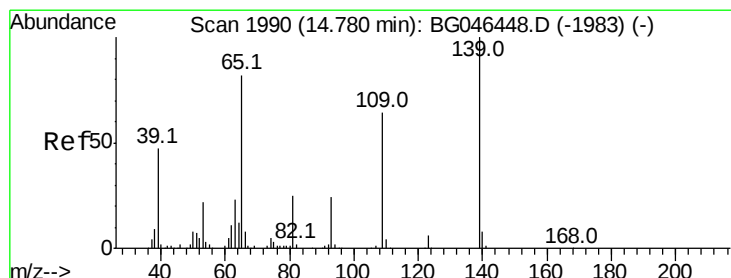
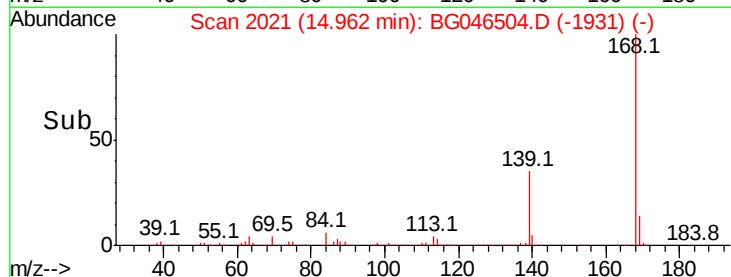
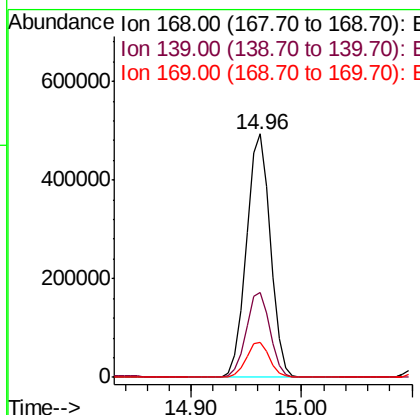
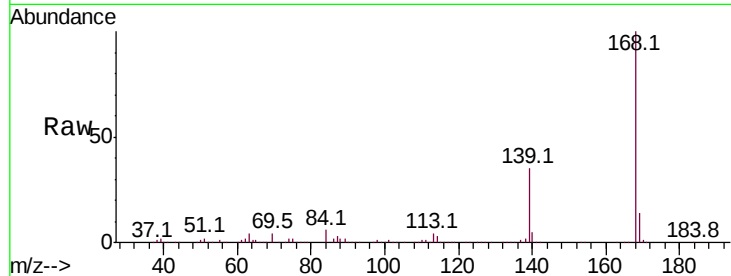




#55
Dibenzenofuran
Concen: 39.017 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

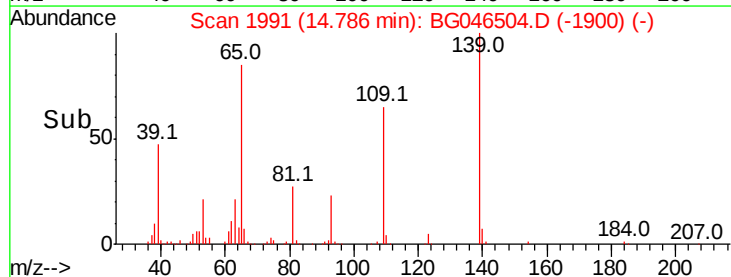
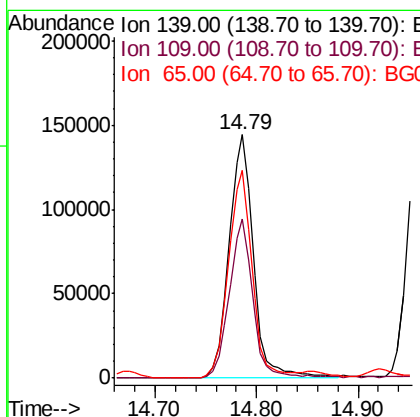
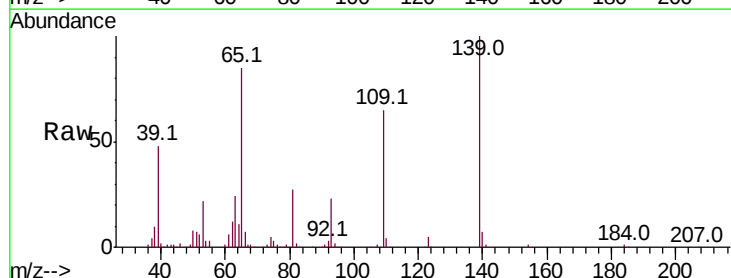
Instrument :
BNA_G
ClientSampleId :
PB131362BSD

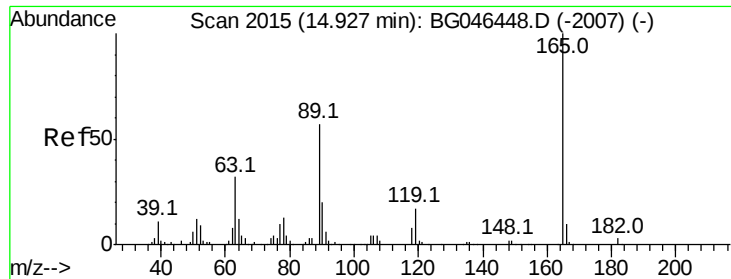
Tot Ion:168 Resp: 752043
Ion Ratio Lower Upper
168 100
139 35.0 28.1 42.1
169 14.3 11.5 17.3



#56
4-Nitrophenol
Concen: 81.409 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:139 Resp: 239725
Ion Ratio Lower Upper
139 100
109 65.4 44.3 84.3
65 85.1 61.5 101.5

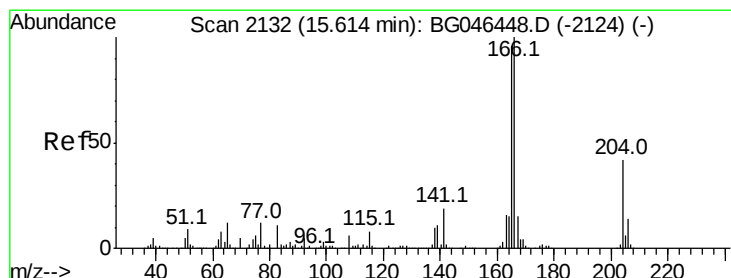
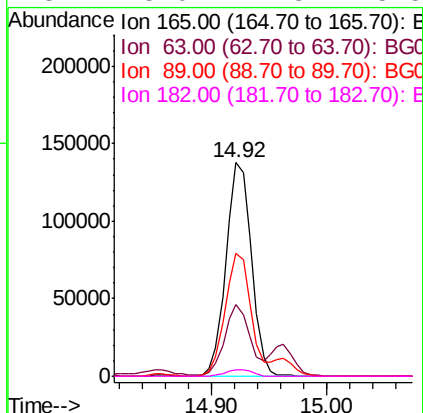
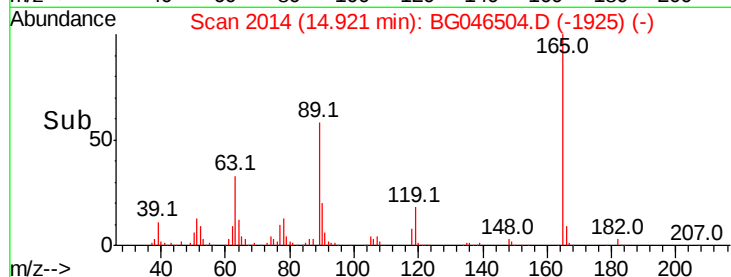
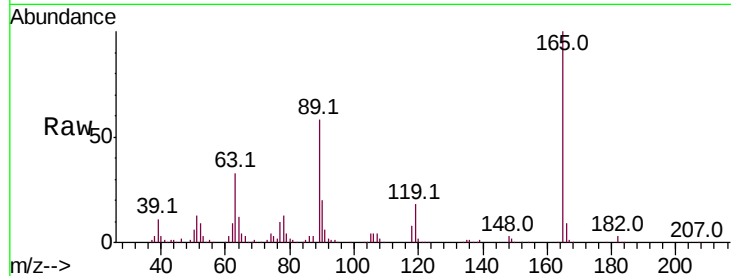




#57
2,4-Dinitrotoluene
Concen: 39.816 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

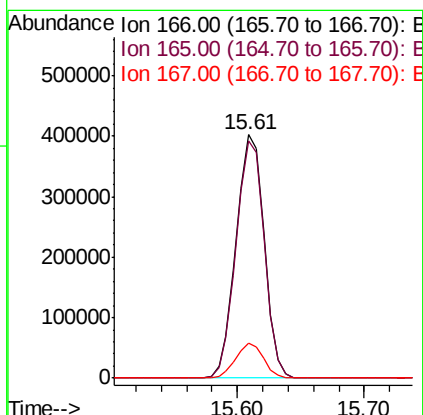
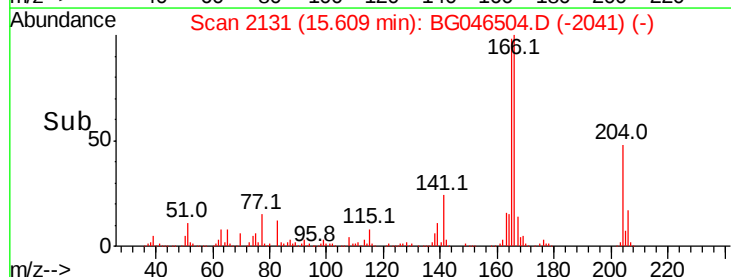
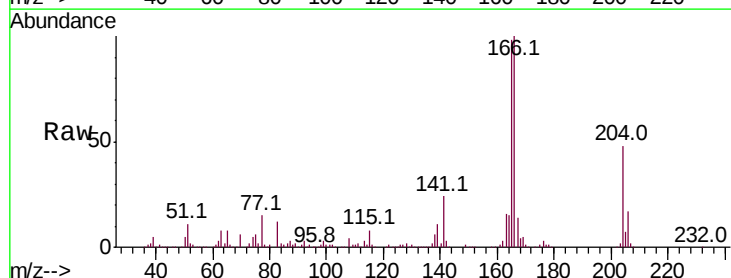
Instrument :
BNA_G
ClientSampleId :
PB131362BSD

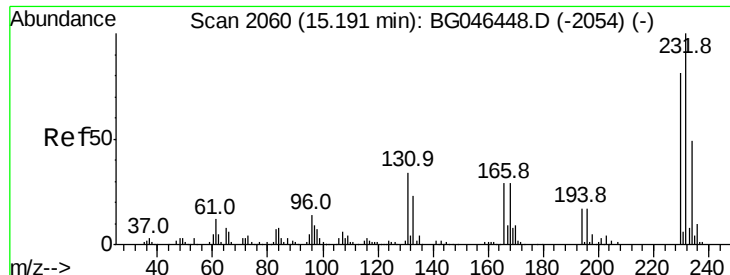
Tot Ion:165 Resp: 209712
Ion Ratio Lower Upper
165 100
63 33.3 25.4 38.0
89 57.8 45.9 68.9
182 3.0 2.3 3.5



#58
Fluorene
Concen: 38.161 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:166 Resp: 617351
Ion Ratio Lower Upper
166 100
165 97.6 77.0 115.4
167 14.3 11.8 17.6

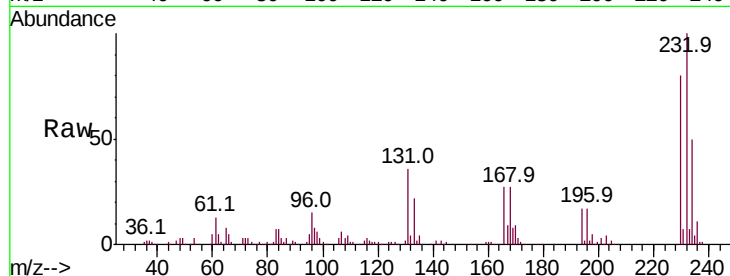




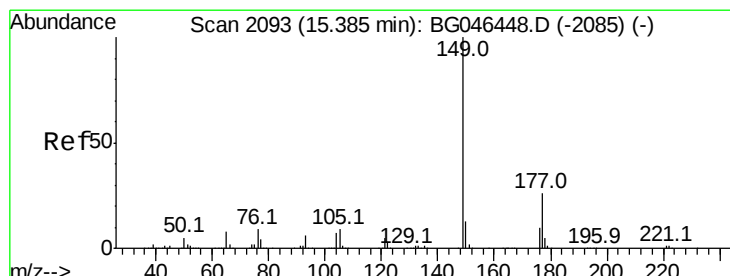
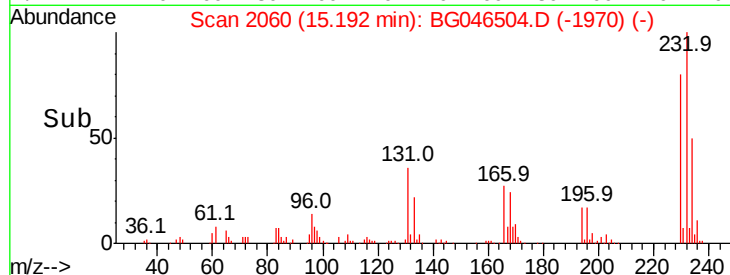
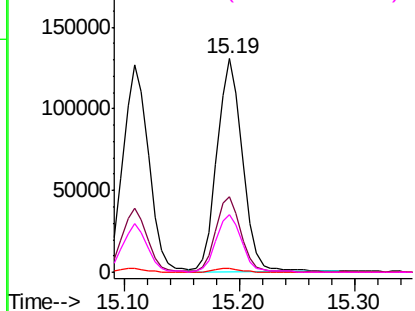
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.368 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion:232	Resp:	198521
Ion Ratio	Lower	Upper
232	100	
131	34.7	26.8 40.2
130	1.8	1.4 2.2
166	27.2	22.8 34.2

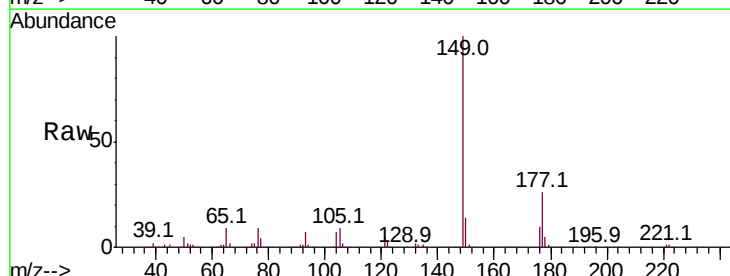


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

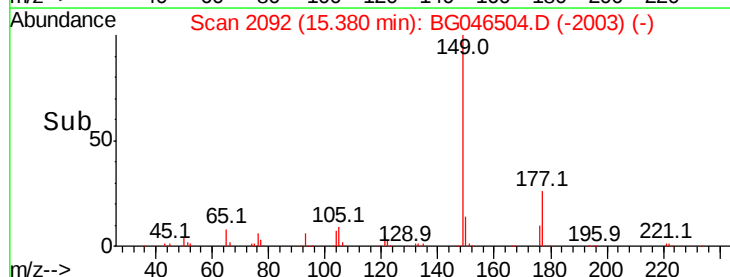
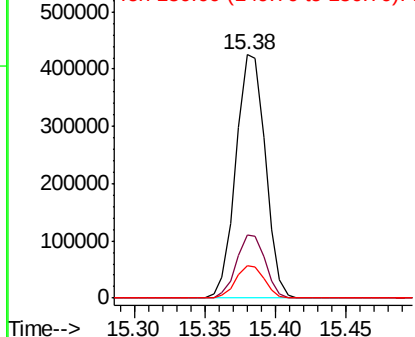


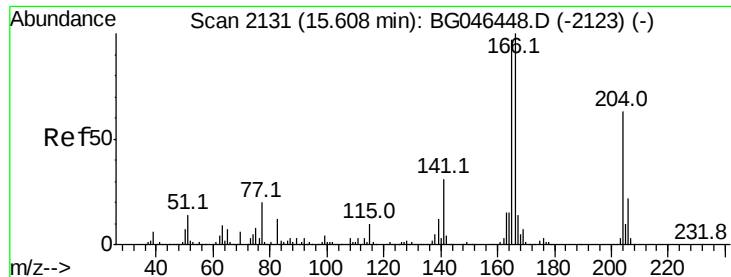
#60
 Diethylphthalate
 Concen: 37.890 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion:149	Resp:	619042
Ion Ratio	Lower	Upper
149	100	
177	26.0	20.6 30.8
150	13.6	10.3 15.5



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





#61

4-Chlorophenyl-phenylether

Concen: 38.411 ng

RT: 15.60 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

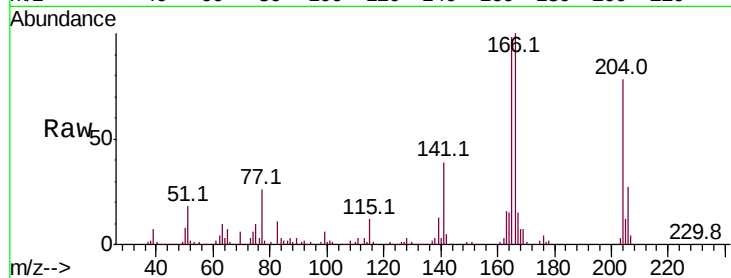
Tot Ion:204 Resp: 342220

Ion Ratio Lower Upper

204 100

206 34.7 27.7 41.5

141 50.6 38.7 58.1

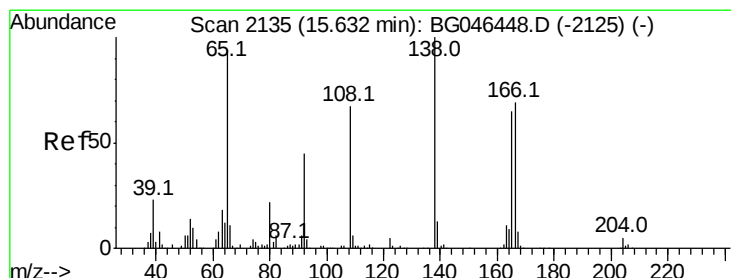
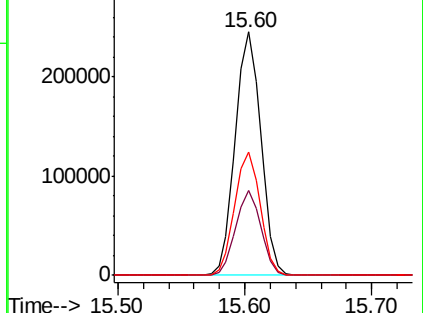
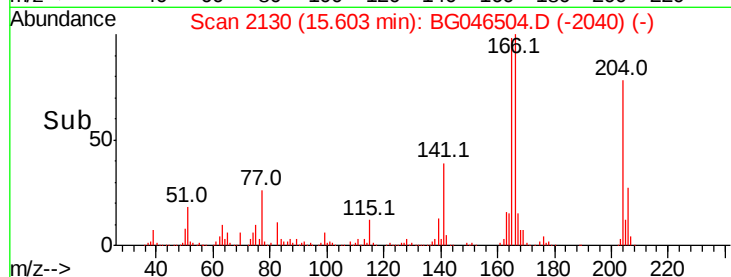


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 35.513 ng

RT: 15.63 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

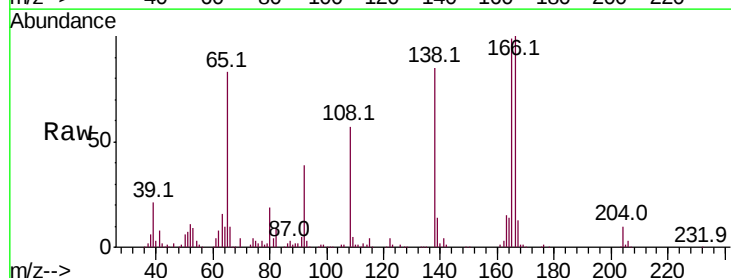
Tgt Ion:138 Resp: 149930

Ion Ratio Lower Upper

138 100

92 46.3 25.3 65.3

108 67.2 46.7 86.7

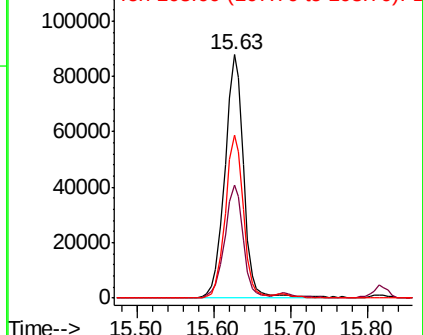
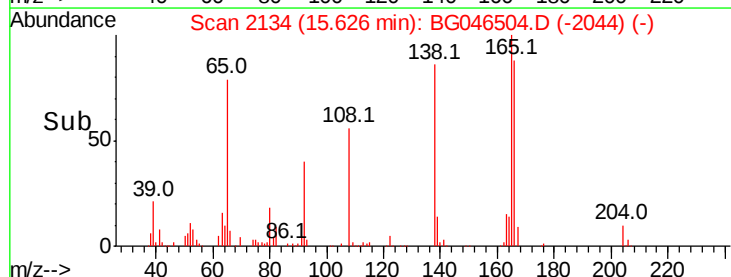


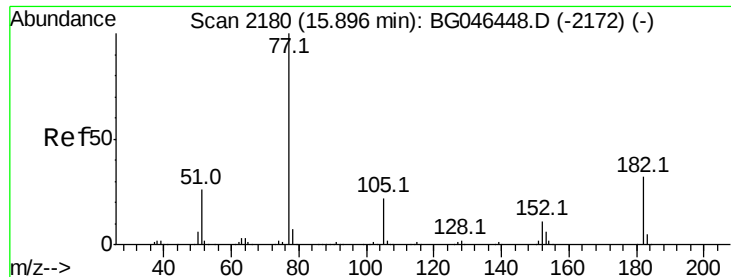
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.333 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

Tot Ion: 77 Resp: 522741

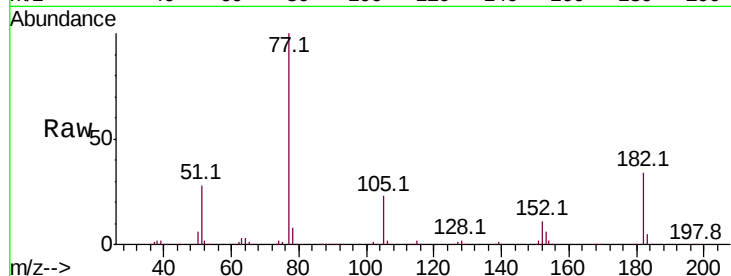
Ion Ratio Lower Upper

77 100

182 34.0 12.3 52.3

105 22.9 2.3 42.3

51 28.4 6.5 46.5

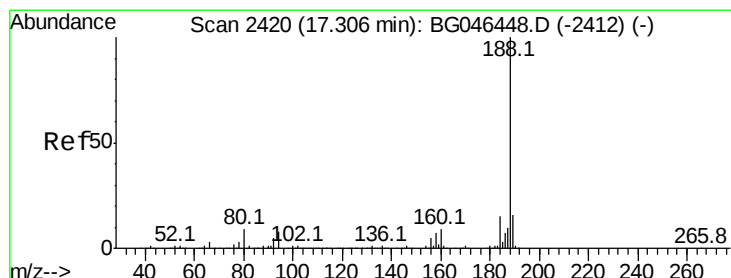
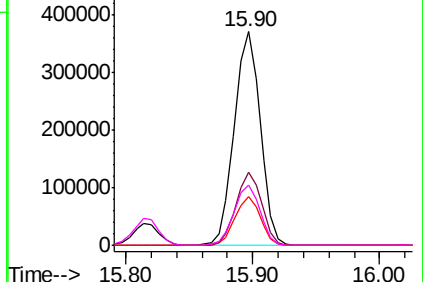
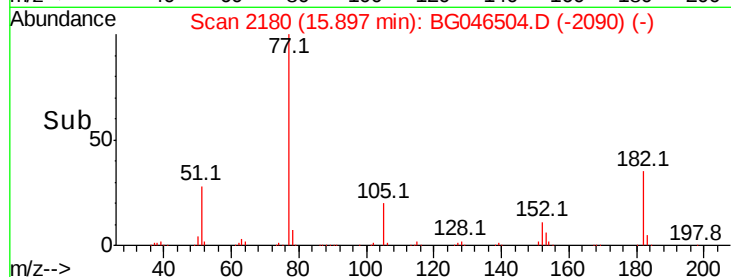


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

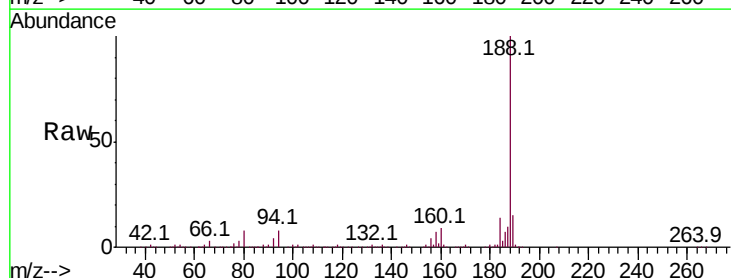
Tgt Ion: 188 Resp: 506738

Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

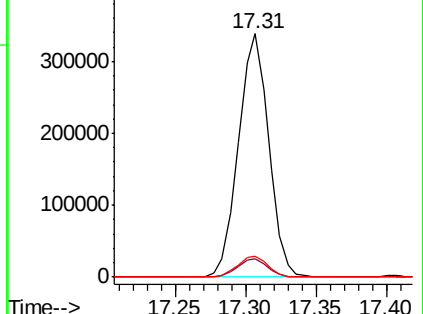
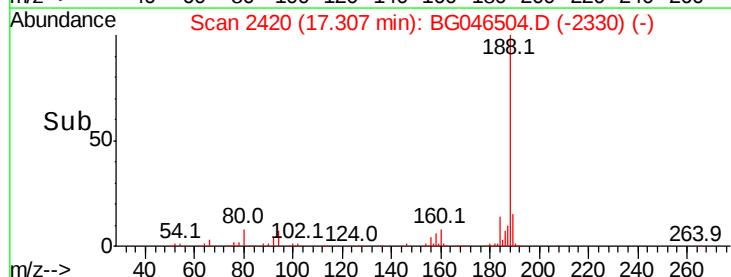
80 8.4 6.9 10.3

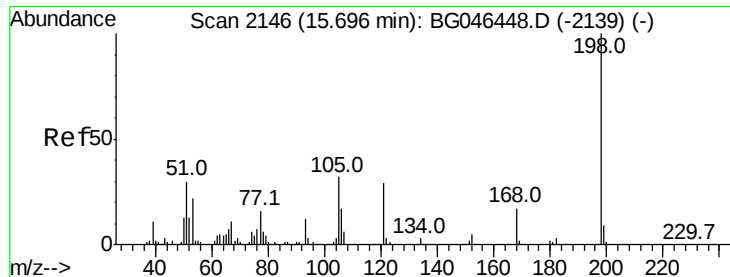


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

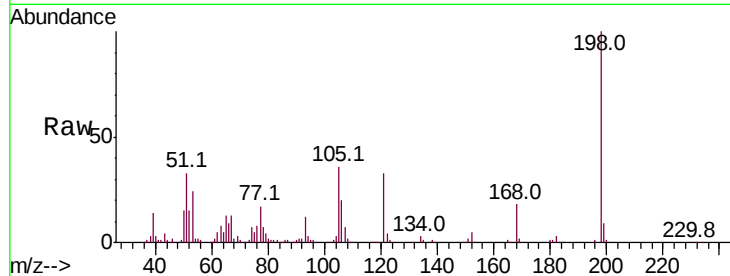




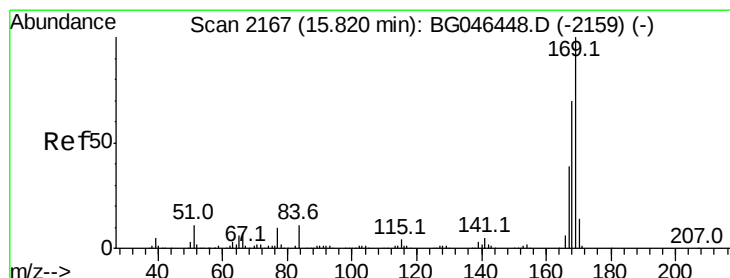
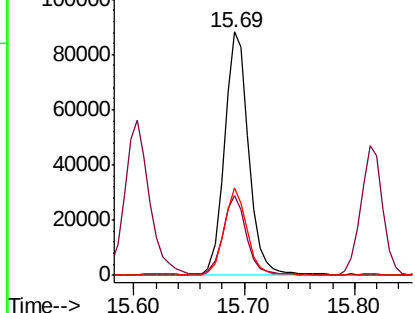
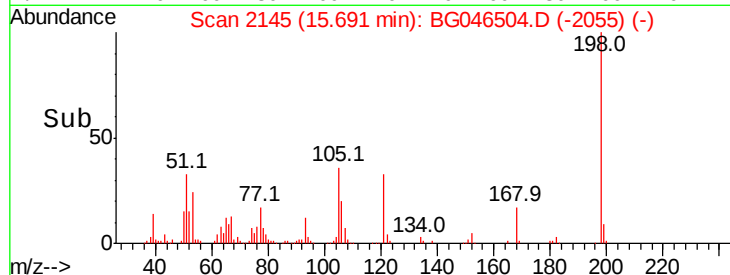
#65
4,6-Dinitro-2-methylphenol
Concen: 47.141 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.0	10.4	50.4
105	36.1	12.4	52.4

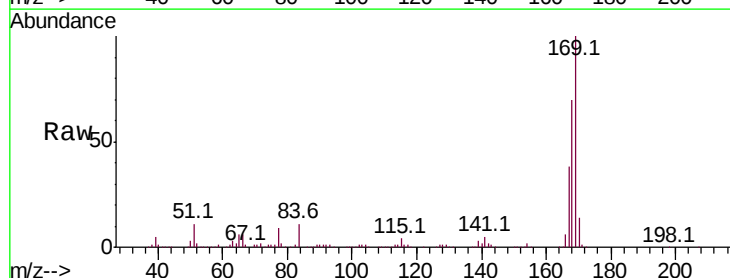


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

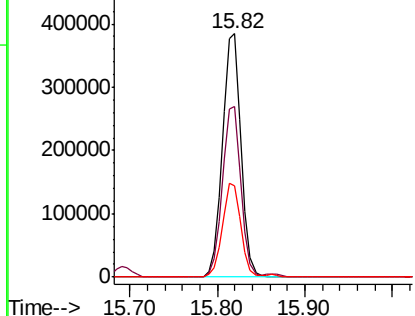
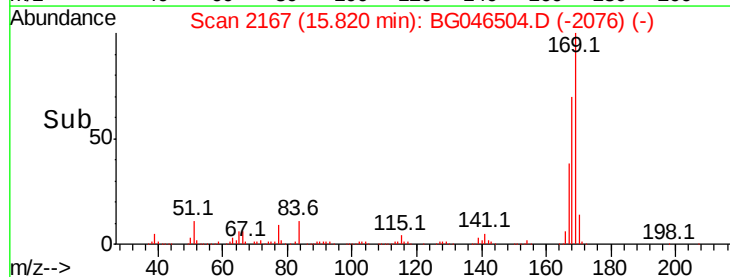


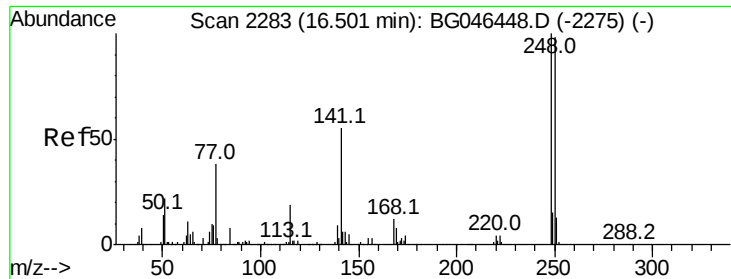
#66
n-Nitrosodiphenylamine
Concen: 41.283 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	55.8	83.8
167	37.7	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

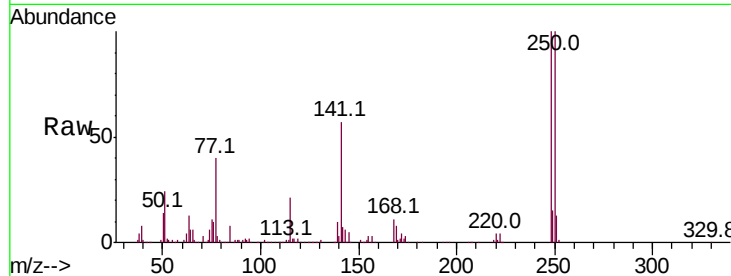




#67
 4-Bromophenyl-phenylether
 Concen: 40.192 ng
 RT: 16.50 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.6	118.0
141	57.5	43.9	65.9

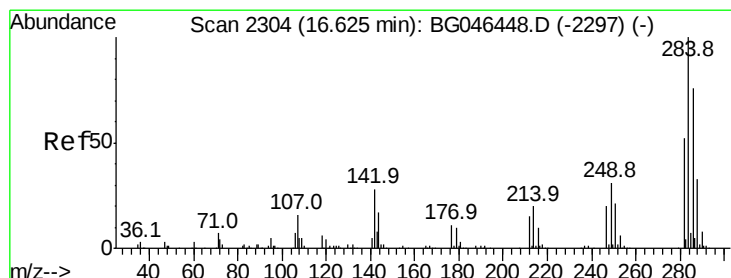
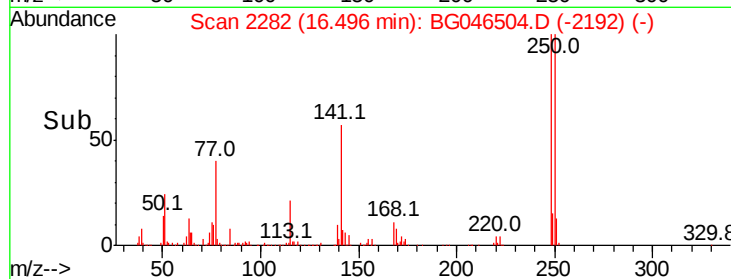
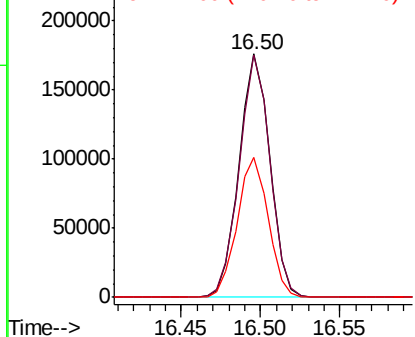


Abundance

Ion 248.00 (247.70 to 248.70): E

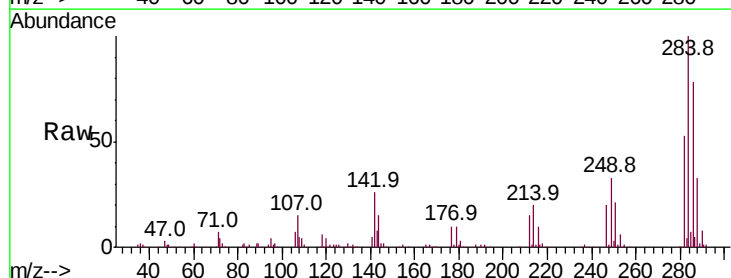
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.272 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	22.3	33.5
249	32.7	24.8	37.2

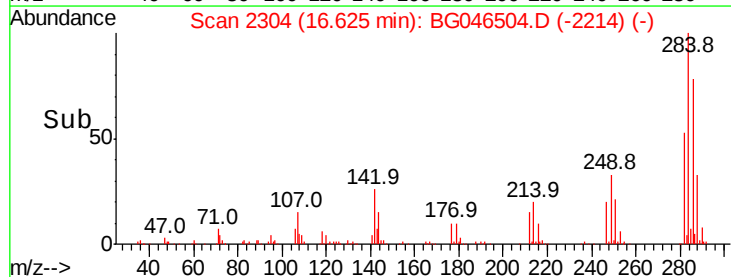
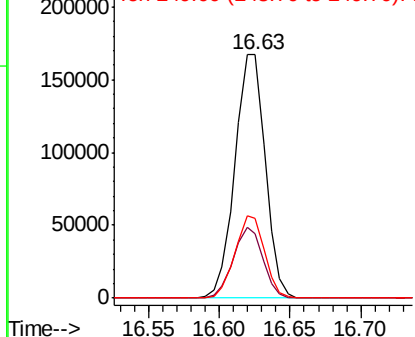


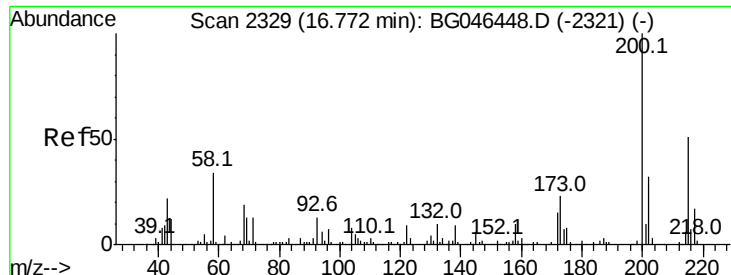
Abundance

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: 37.802 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

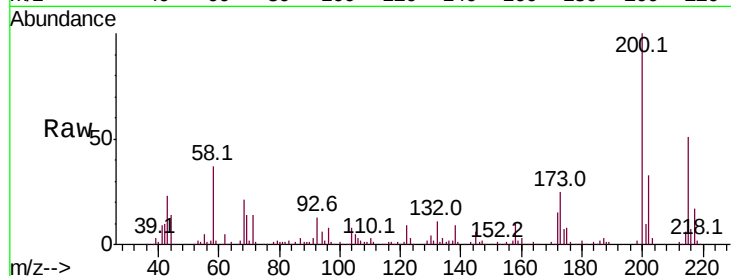
Tot Ion:200 Resp: 210820

Ion Ratio Lower Upper

200 100

173 24.5 3.3 43.3

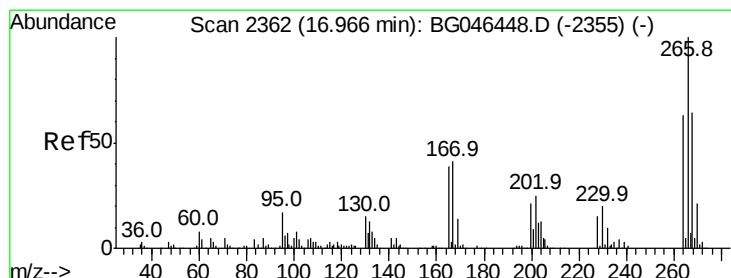
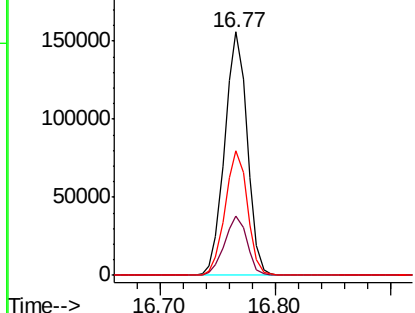
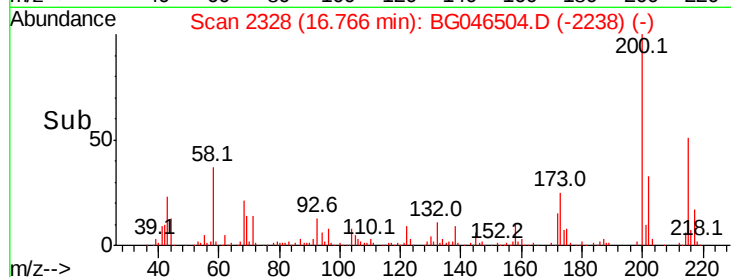
215 51.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.302 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

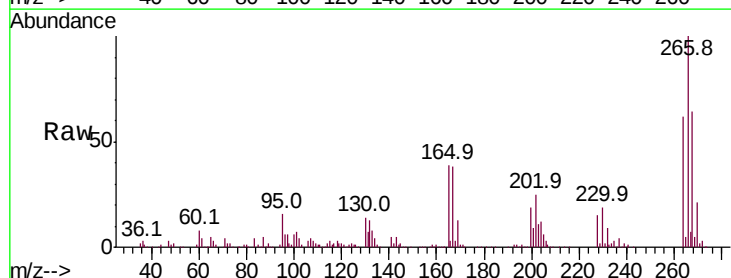
Tgt Ion:266 Resp: 302073

Ion Ratio Lower Upper

266 100

268 64.0 51.1 76.7

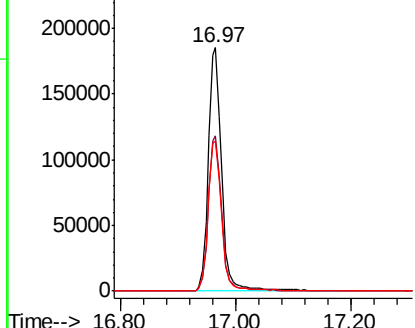
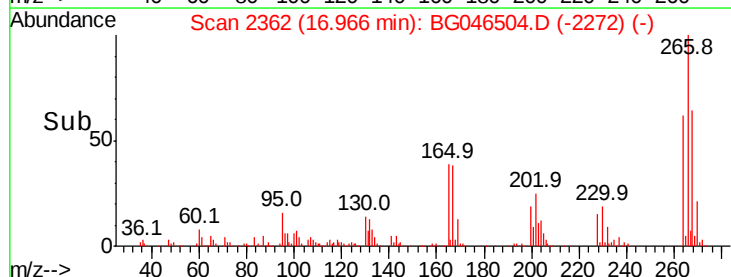
264 61.7 50.2 75.2

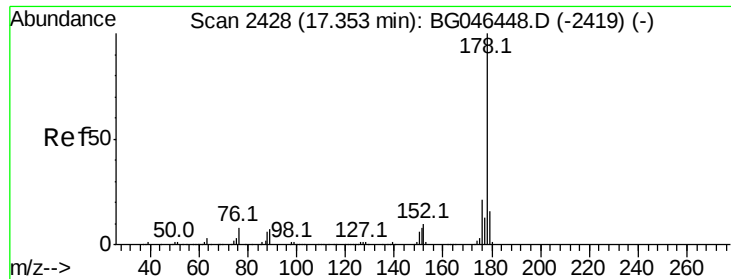


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

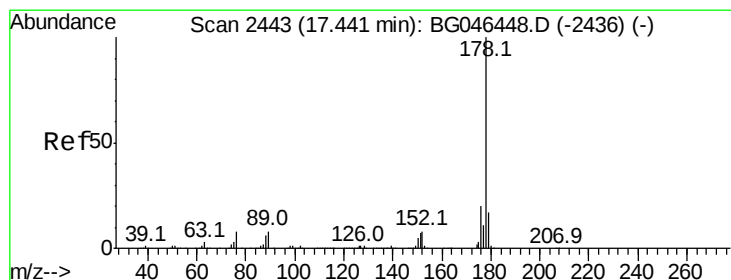
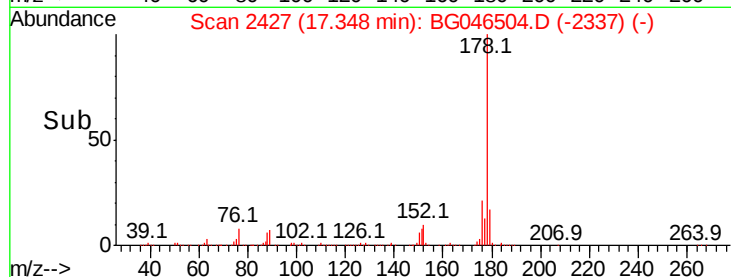
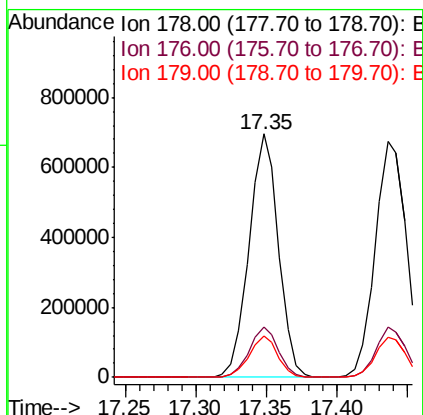
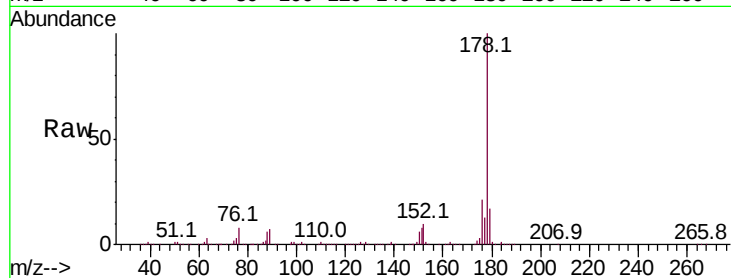




#71
Phenanthrene
Concen: 39.575 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

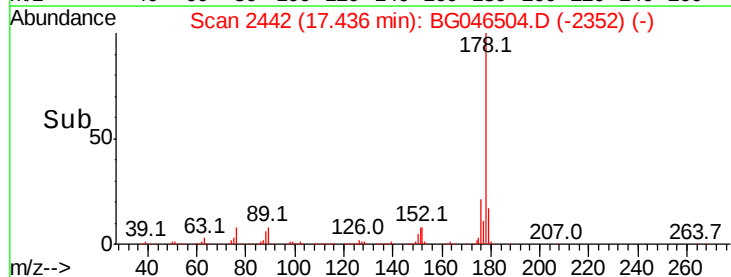
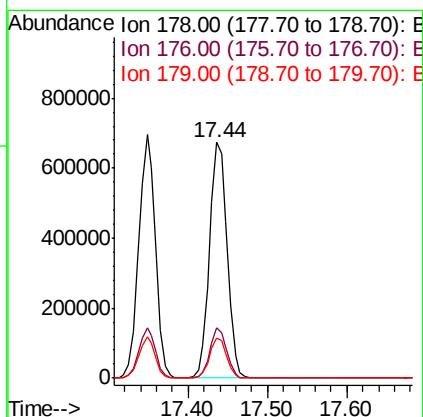
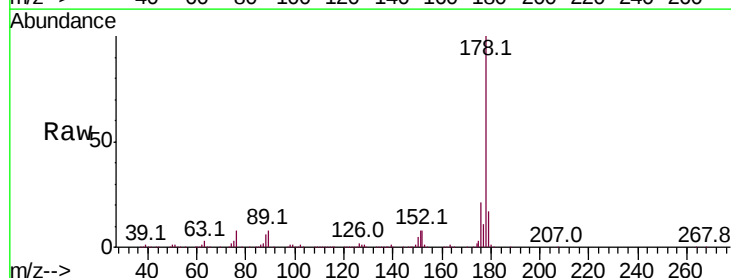
Instrument :
BNA_G
ClientSampleId :
PB131362BSD

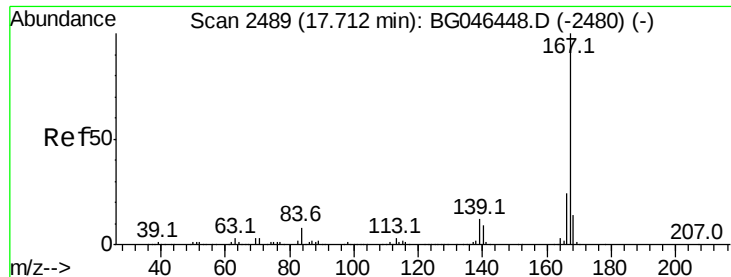
Tot Ion:178 Resp: 1016482
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 16.8 13.2 19.8



#72
Anthracene
Concen: 41.025 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:178 Resp: 1039638
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 17.2 13.3 19.9

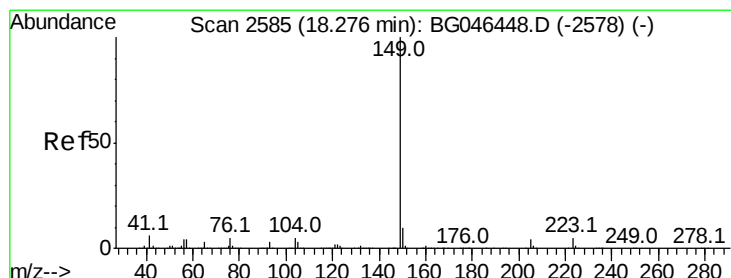
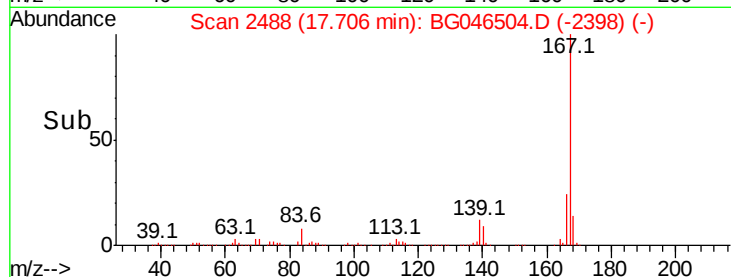
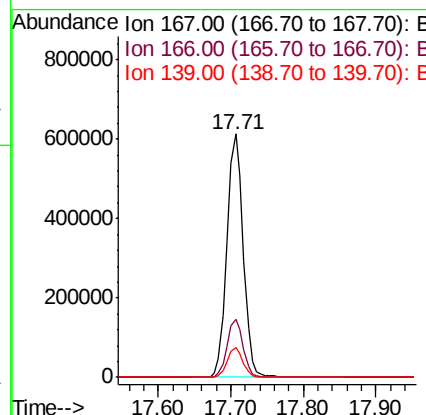
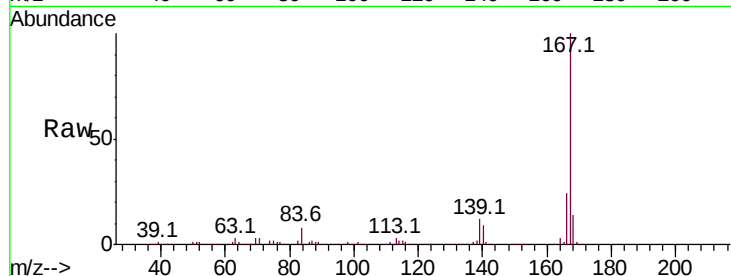




#73
 Carbazole
 Concen: 40.153 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

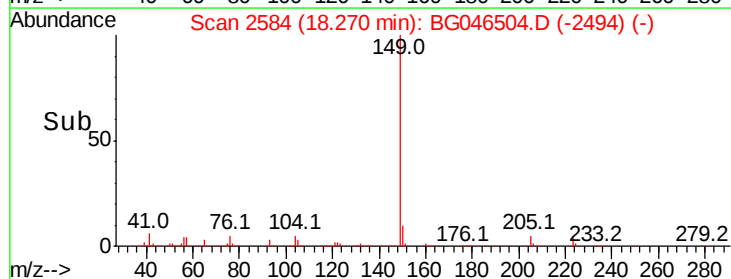
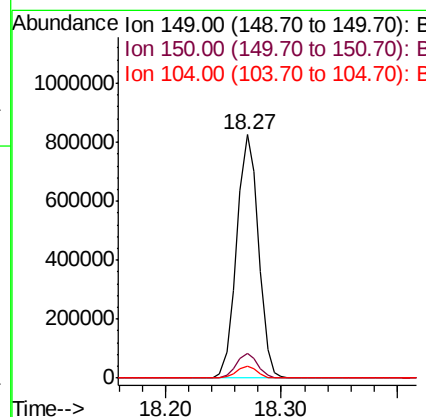
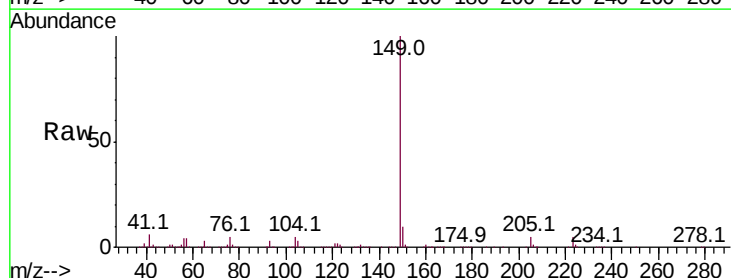
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

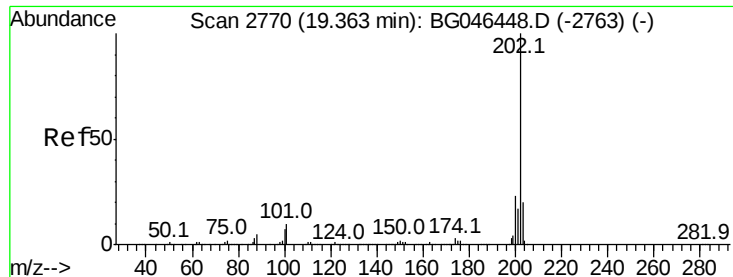
Tot Ion:167 Resp: 960718
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.3 28.9
 139 12.4 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 39.146 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion:149 Resp: 1077024
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 39.176 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

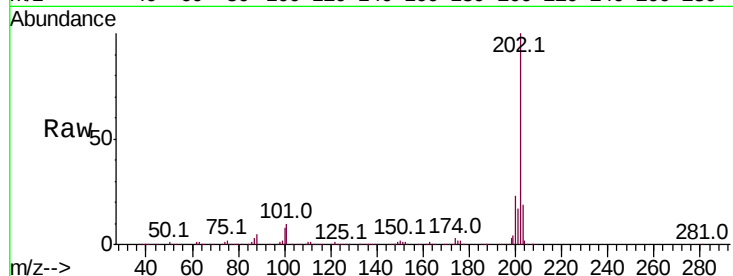
Tot Ion:202 Resp: 1294912

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

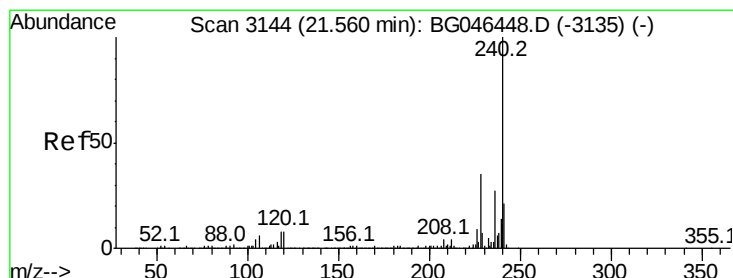
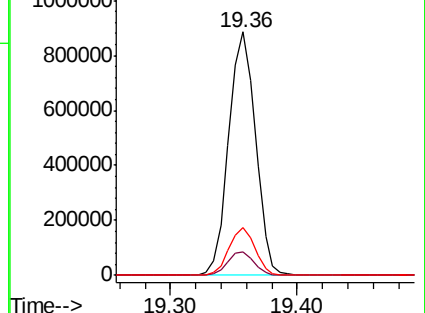
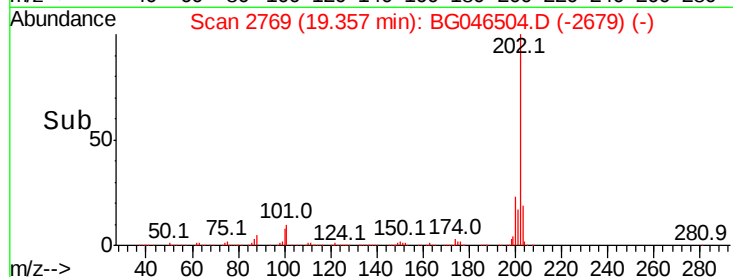
203 19.4 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

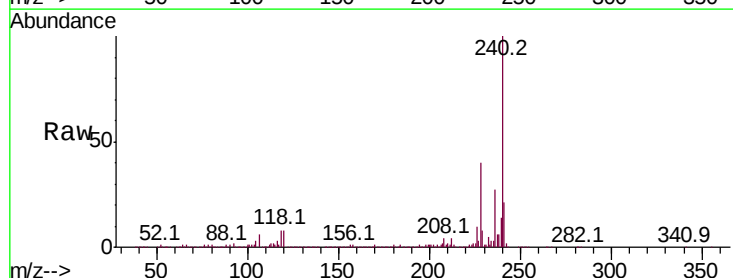
Tgt Ion:240 Resp: 504443

Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

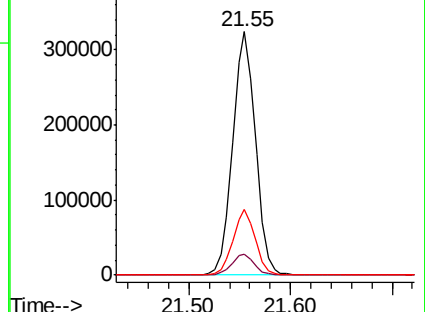
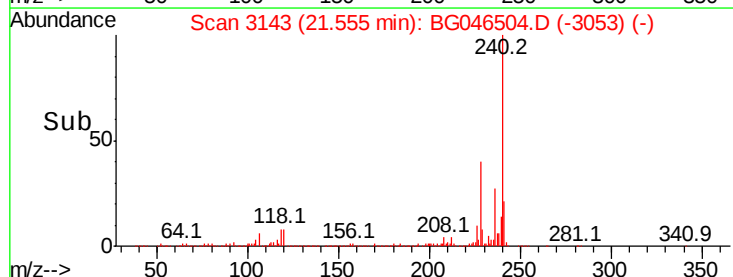
236 27.0 21.4 32.2

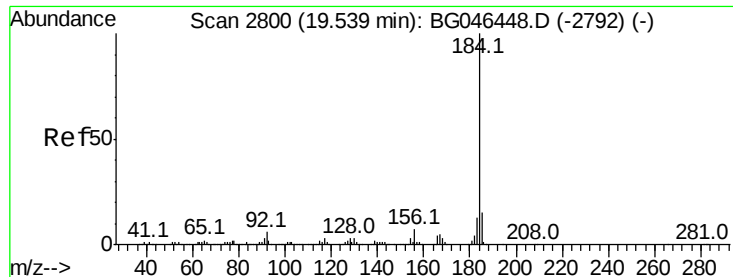


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

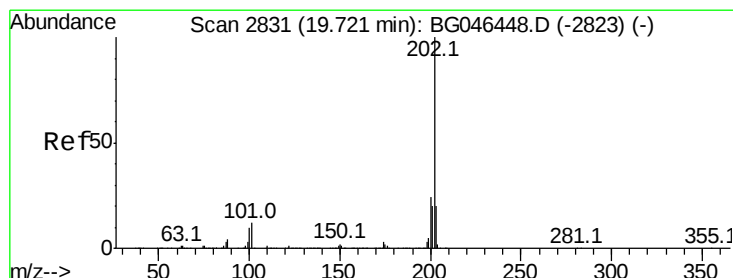
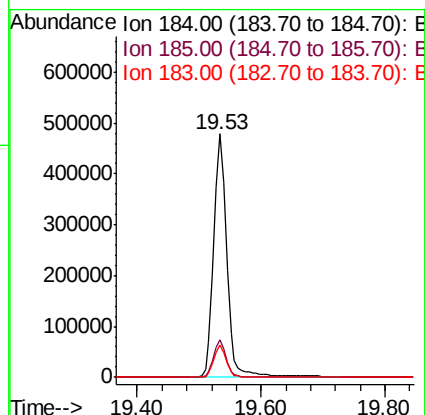
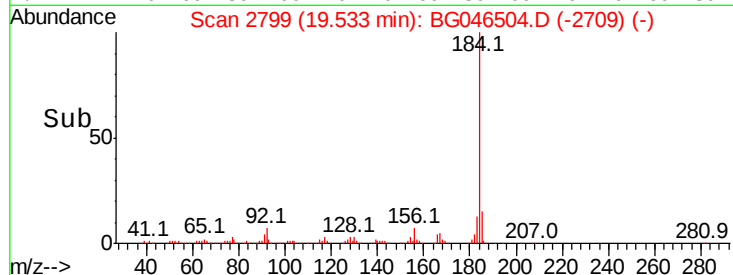
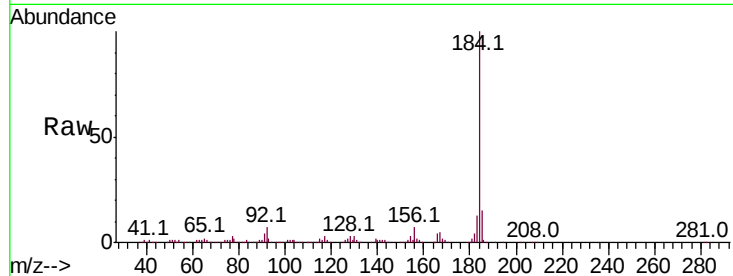




#77
Benzidine
Concen: 60.007 ng
RT: 19.53 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

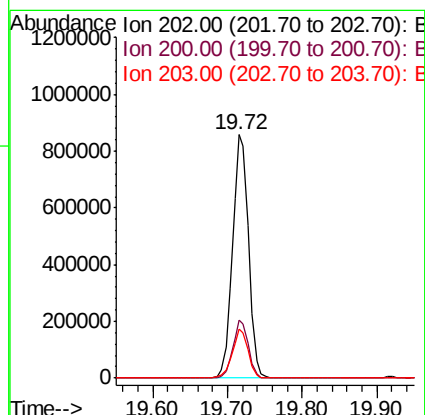
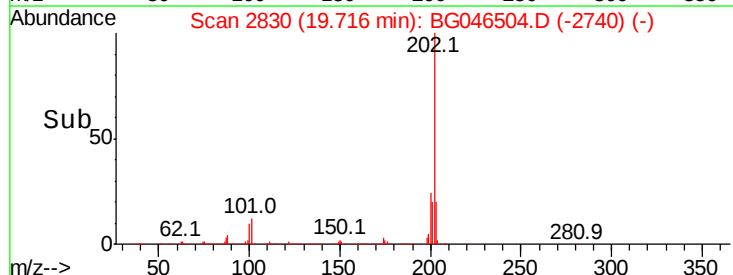
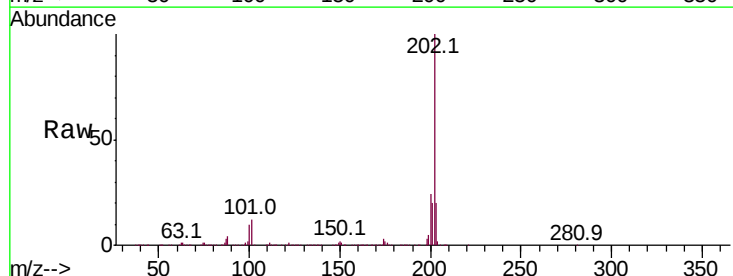
Instrument :
BNA_G
ClientSampleId :
PB131362BSD

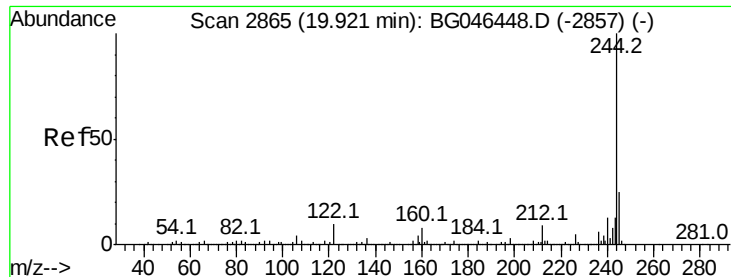
Tot Ion:184 Resp: 703386
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.8
183 13.5 10.7 16.1



#78
Pyrene
Concen: 39.983 ng
RT: 19.72 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:202 Resp: 1284358
Ion Ratio Lower Upper
202 100
200 23.7 18.9 28.3
203 20.0 16.1 24.1





#79

Terphenyl-d14

Concen: 66.985 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

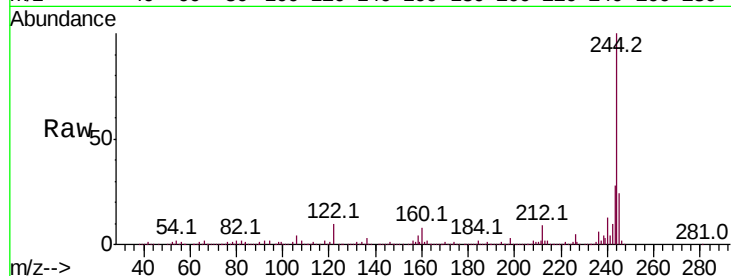
BNA_G

ClientSampleId :

PB131362BSD

Tot Ion:244 Resp: 1587759

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	9.5	8.2	12.4

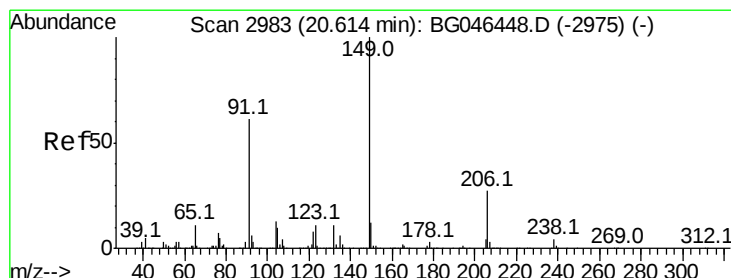
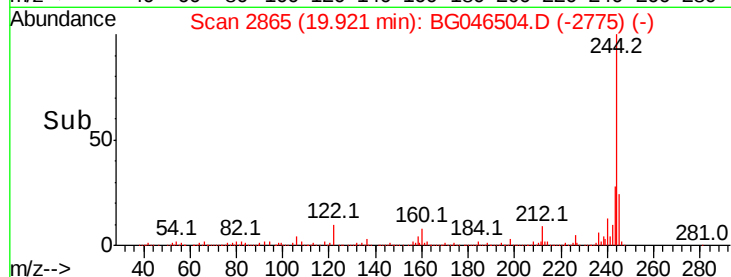
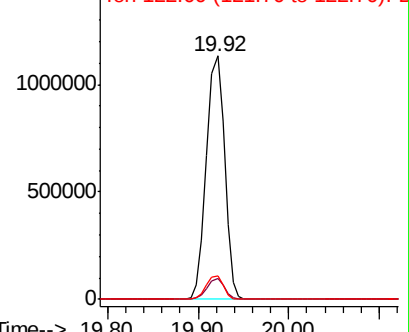


Abundance

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: 39.801 ng

RT: 20.61 min Scan# 2982

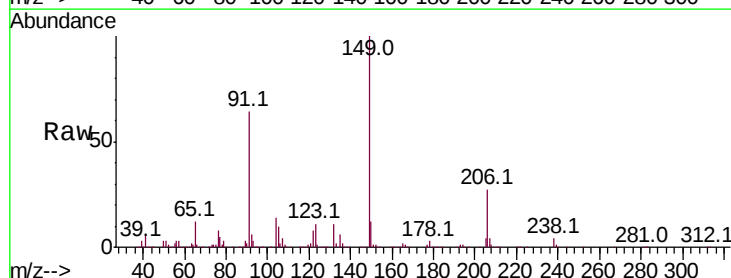
Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:149 Resp: 498695

Ion	Ratio	Lower	Upper
149	100		
91	64.2	49.1	73.7
206	27.3	21.9	32.9

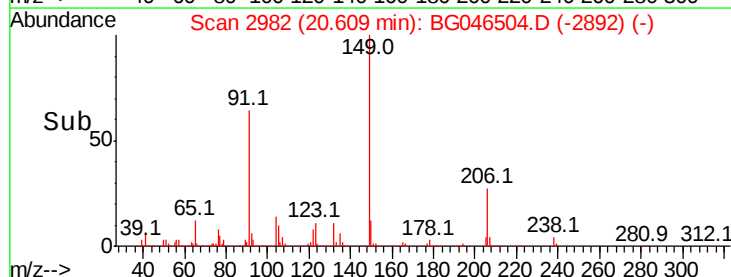
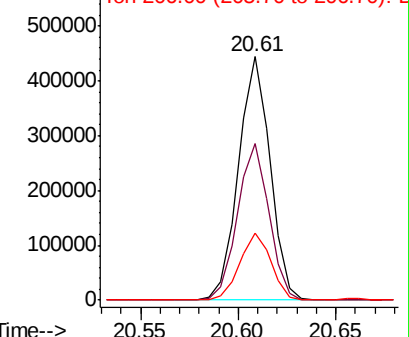


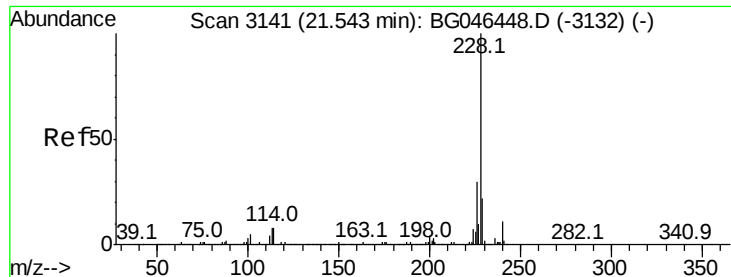
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

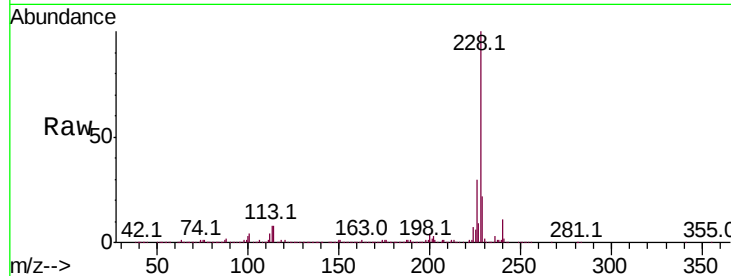




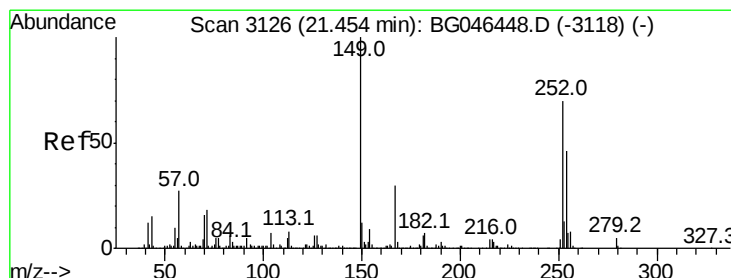
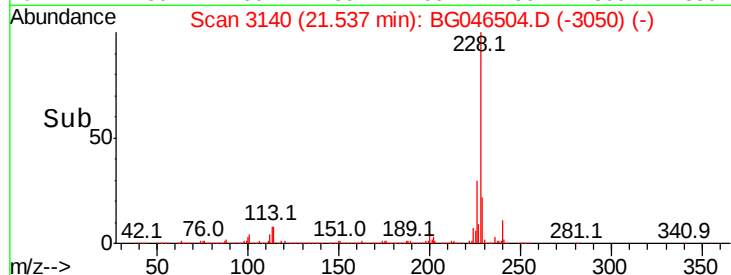
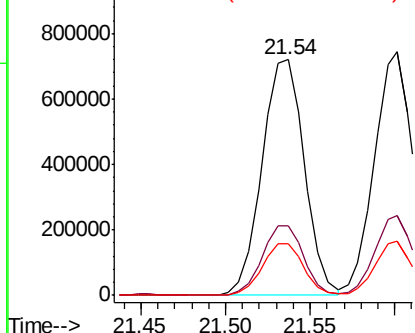
#81
Benzo(a)anthracene
Concen: 39.842 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion:228 Resp: 1252712
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.4
229 21.8 17.4 26.2

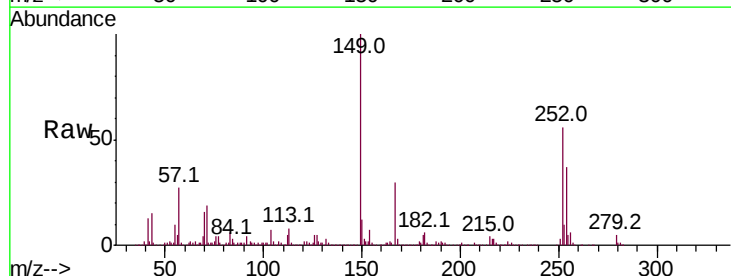


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

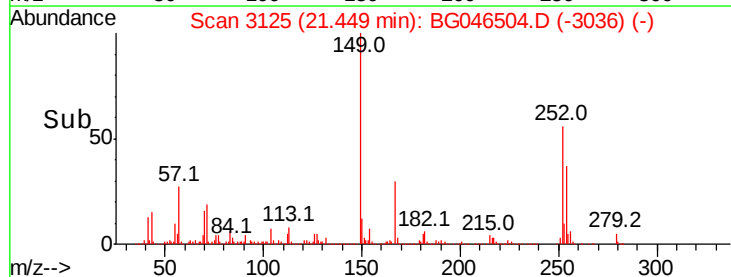
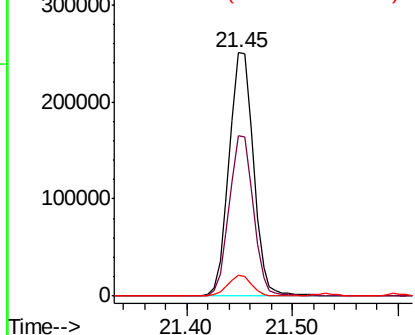


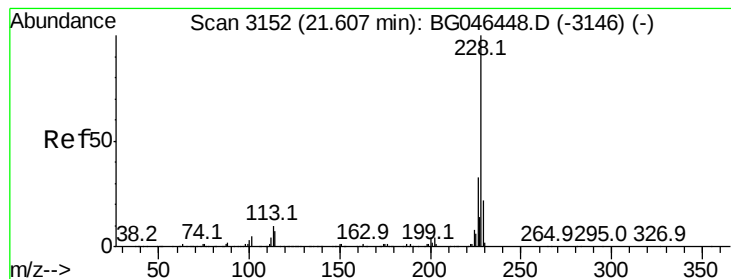
#82
3,3'-Dichlorobenzidine
Concen: 34.353 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:252 Resp: 400843
Ion Ratio Lower Upper
252 100
254 65.7 51.9 77.9
126 8.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.468 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

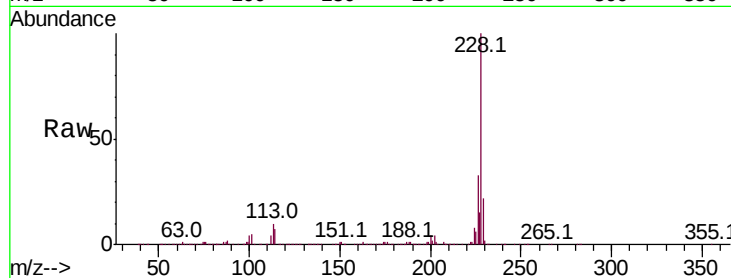
BNA_G

ClientSampleId :

PB131362BSD

Tot Ion:228 Resp: 1193688

Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.2	39.4
229	22.1	17.9	26.9

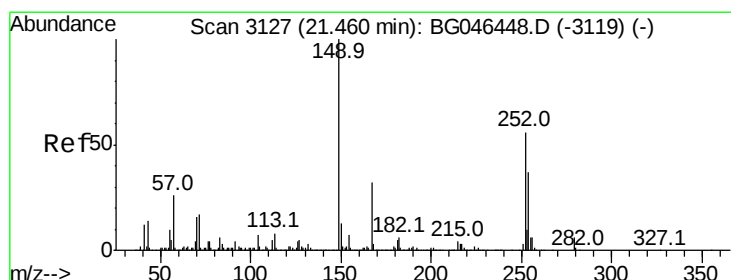
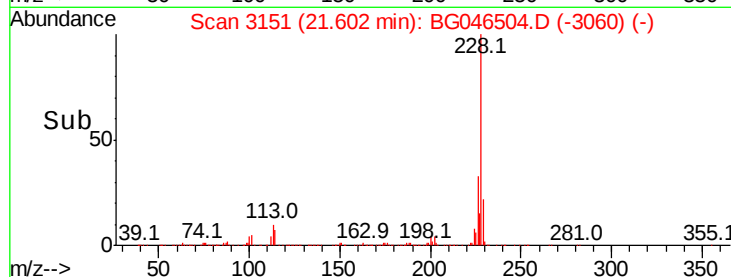
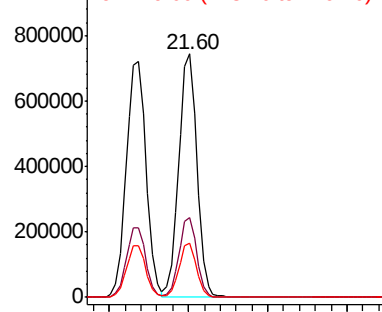


Abundance

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: 41.105 ng

RT: 21.45 min Scan# 3126

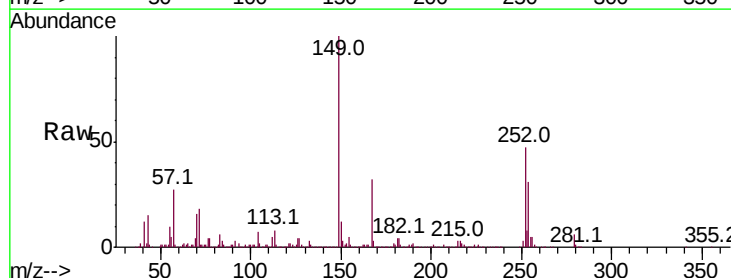
Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Tgt Ion:149 Resp: 702844

Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.4	38.2
279	5.6	4.5	6.7

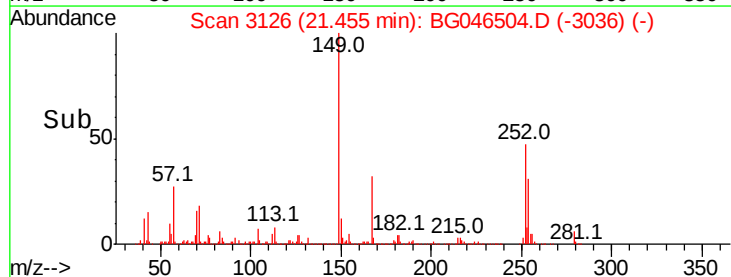
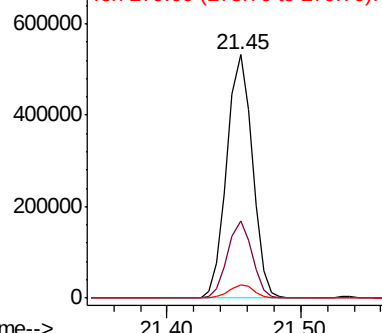


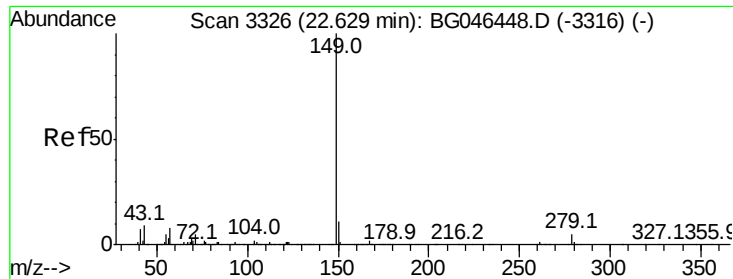
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.711 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

Instrument :

BNA_G

ClientSampleId :

PB131362BSD

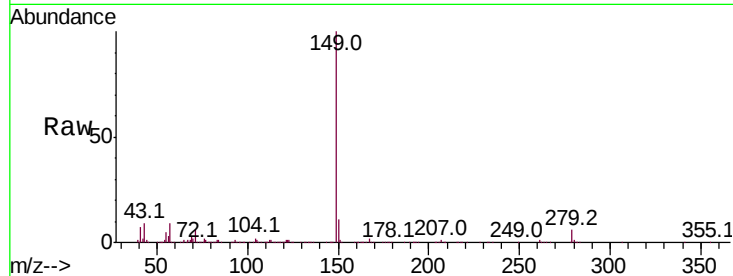
Tot Ion:149 Resp: 1221218

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

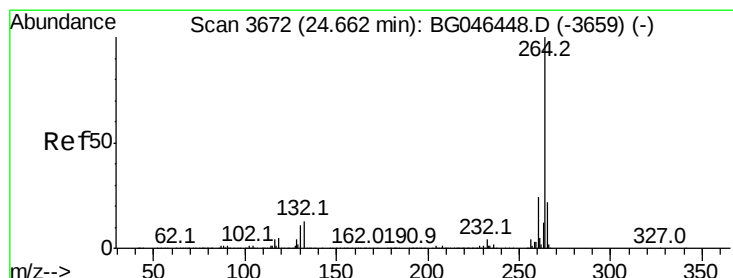
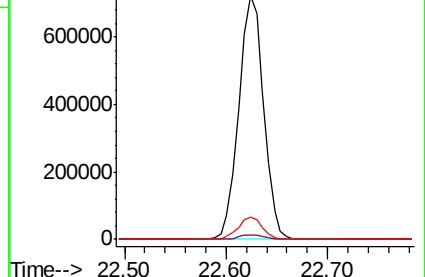
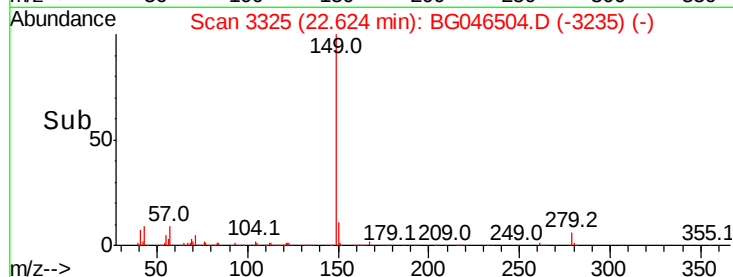
43 8.8 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG046504.D

Acq: 2 Sep 2020 15:20

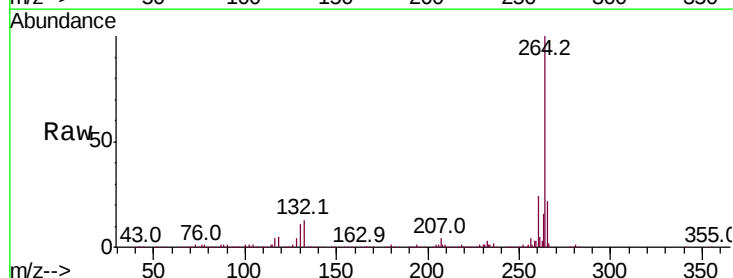
Tgt Ion:264 Resp: 515919

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

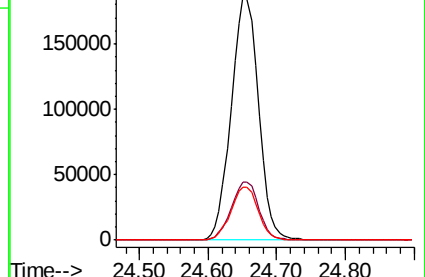
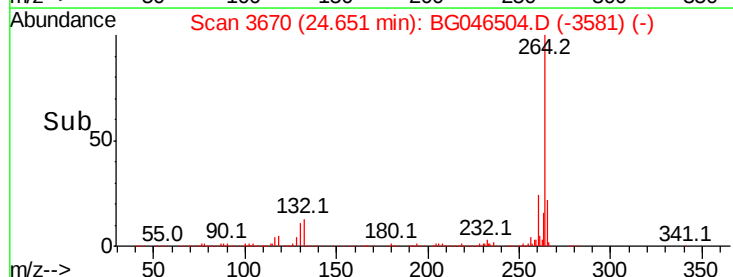
265 21.8 17.9 26.9

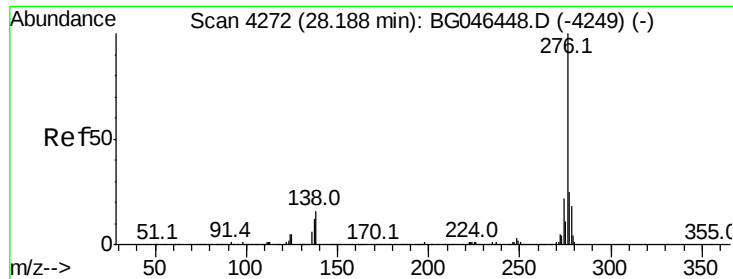


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

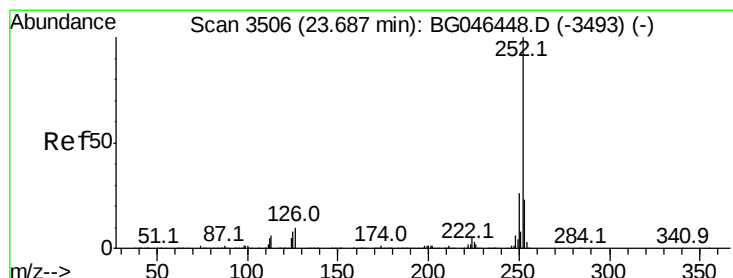
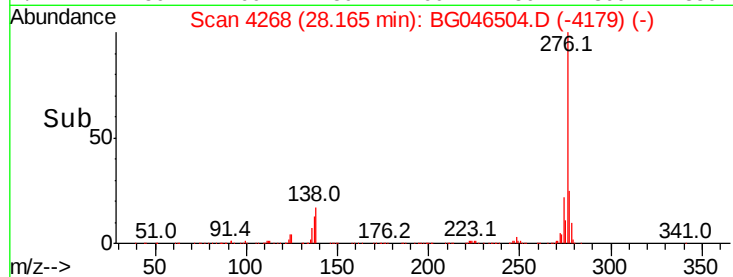
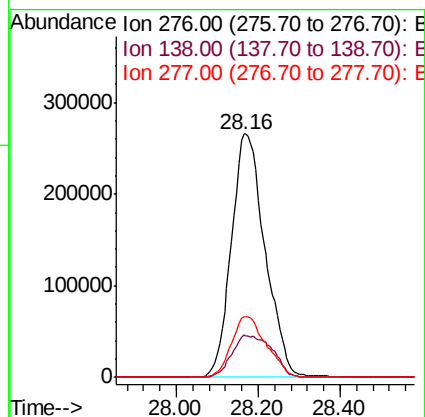
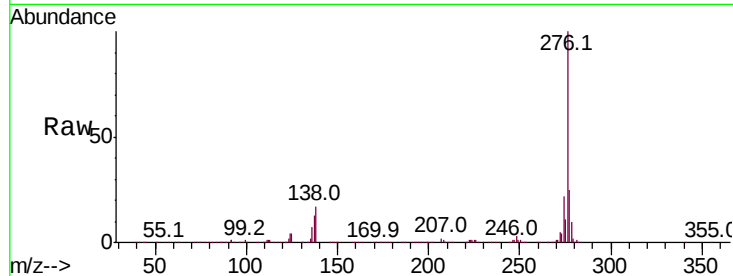




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.957 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

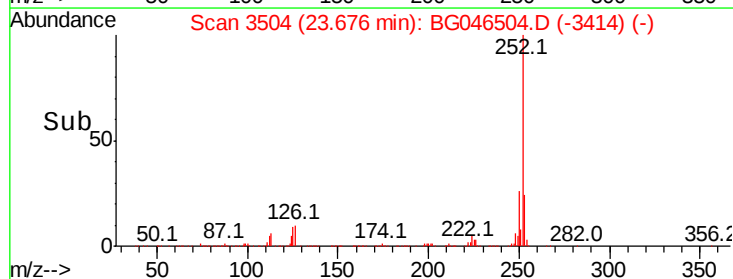
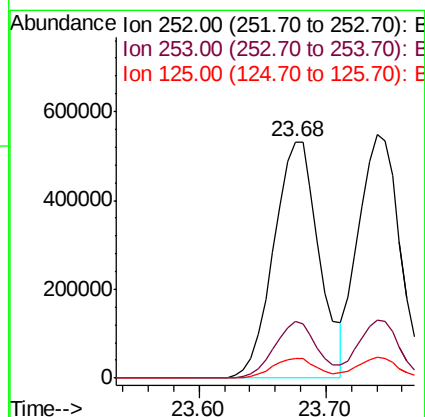
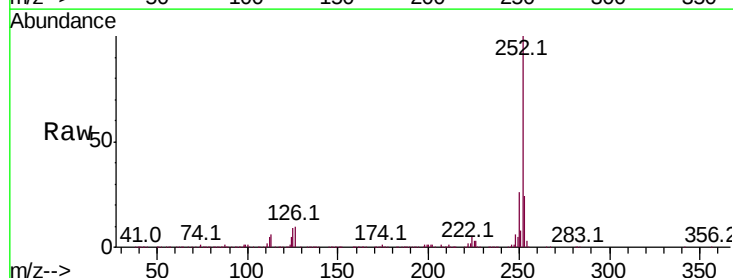
Instrument :
 BNA_G
 ClientSampleId :
 PB131362BSD

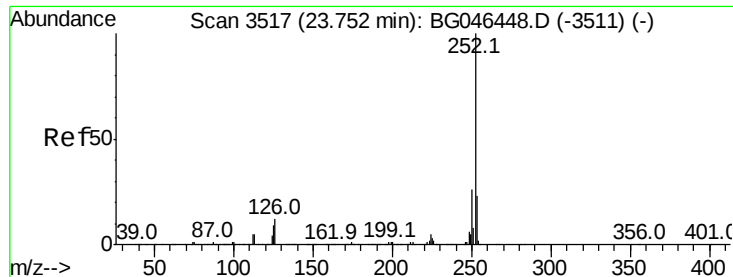
Tot Ion:276 Resp: 1517645
 Ion Ratio Lower Upper
 276 100
 138 20.6 16.5 24.7
 277 25.8 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 41.085 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BG046504.D
 Acq: 2 Sep 2020 15:20

Tgt Ion:252 Resp: 1323523
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.2 27.4
 125 8.6 6.2 9.2

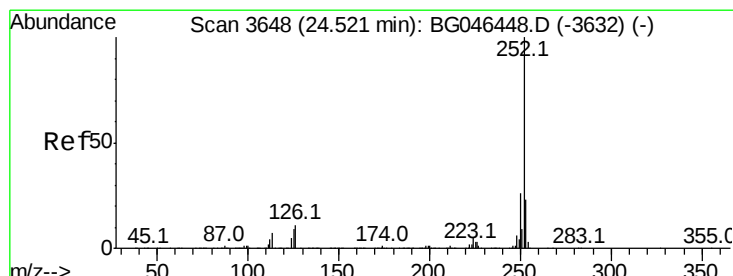
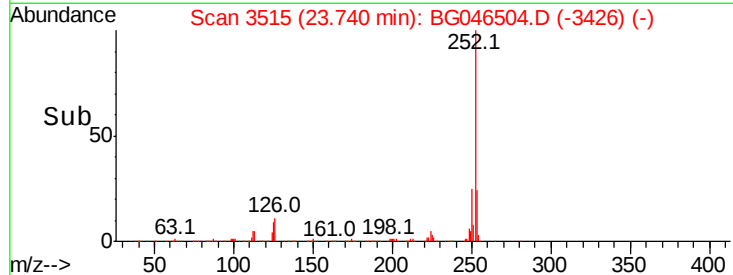
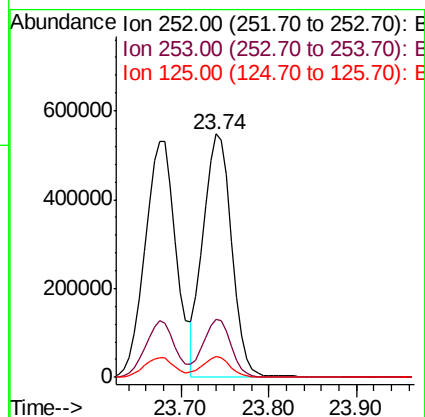
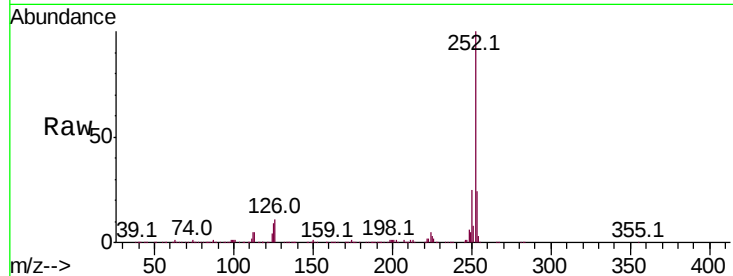




#89
Benzo(k)fluoranthene
Concen: 39.939 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

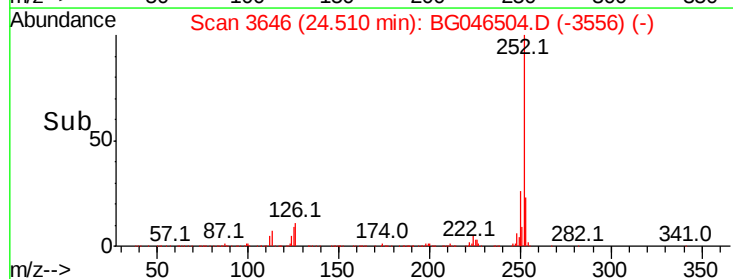
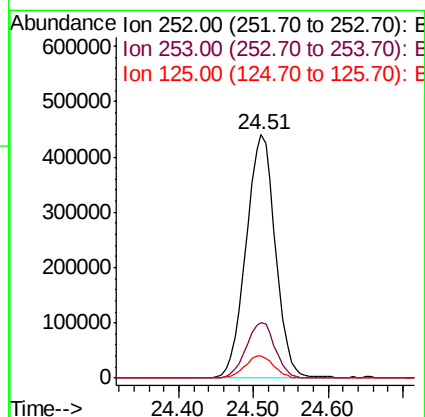
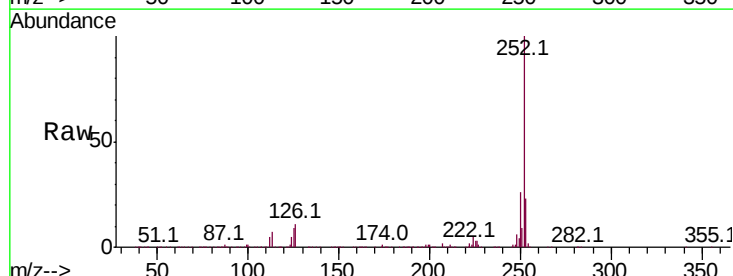
Instrument :
BNA_G
ClientSampleId :
PB131362BSD

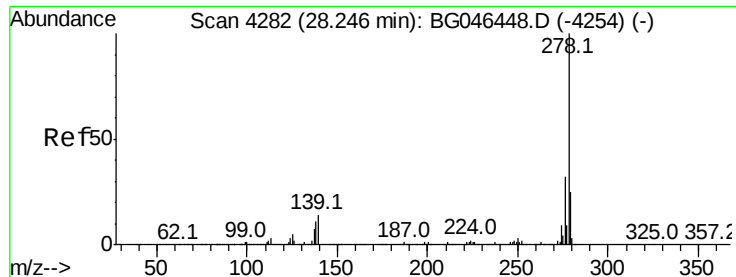
Tot Ion:252 Resp: 1243474
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 8.6 6.8 10.2



#90
Benzo(a)pyrene
Concen: 39.881 ng
RT: 24.51 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:252 Resp: 1198951
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 9.0 7.4 11.0



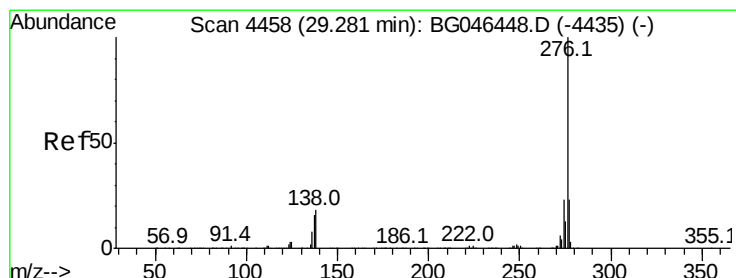
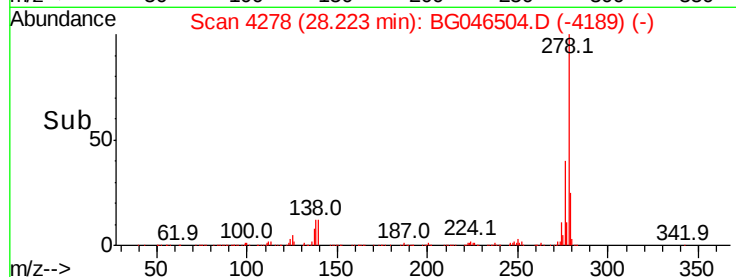
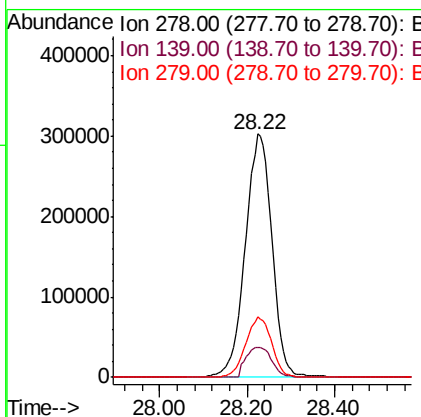
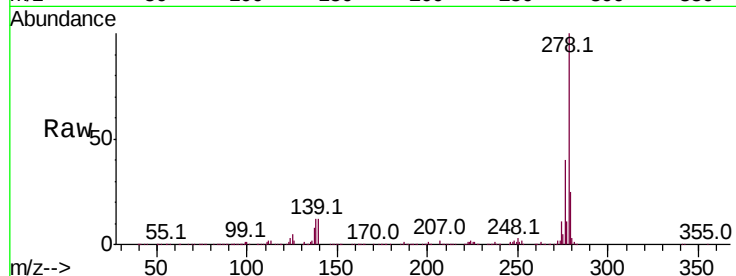


#91
Dibenzo(a,h)anthracene
Concen: 41.607 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Instrument :
BNA_G
ClientSampleId :
PB131362BSD

Tot Ion:278 Resp: 1244126

Ion	Ratio	Lower	Upper
278	100		
139	12.0	11.2	16.8
279	24.6	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 42.662 ng
RT: 29.27 min Scan# 4457
Delta R.T. 0.00 min
Lab File: BG046504.D
Acq: 2 Sep 2020 15:20

Tgt Ion:276 Resp: 1273875

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	16.7	14.7	22.1

