

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046572.D
 Acq On : 9 Sep 2020 14:28
 Operator : CG/JU
 Sample : PB131497BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Quant Time: Sep 09 15:07:59 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	73708	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	307959	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	209538	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	491133	20.00	ng	0.00
76) Chrysene-d12	21.55	240	473106	20.00	ng	0.00
86) Perylene-d12	24.65	264	478774	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	444514	106.82	ng	0.00
7) Phenol-d6	7.11	99	583048	98.83	ng	0.00
23) Nitrobenzene-d5	9.09	82	376313	69.84	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	269732	95.01	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1004029	73.15	ng	0.00
79) Terphenyl-d14	19.91	244	1502700	67.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	82877	47.869	ng	98
3) Pyridine	3.81	79	120209	23.730	ng	98
4) n-Nitrosodimethylamine	3.72	42	70804	37.898	ng	94
6) Aniline	7.25	93	246472	37.128	ng	99
8) 2-Chlorophenol	7.49	128	192752	43.824	ng	99
9) Benzaldehyde	7.06	77	123526	37.373	ng	97
10) Phenol	7.13	94	237862	43.776	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	172400	39.473	ng	100
12) 1,3-Dichlorobenzene	7.82	146	204446	36.612	ng	99
13) 1,4-Dichlorobenzene	7.96	146	207082	37.042	ng	98
14) 1,2-Dichlorobenzene	8.28	146	206162	38.460	ng	99
15) Benzyl Alcohol	8.16	79	165365	43.661	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	268729	39.667	ng	99
17) 2-Methylphenol	8.37	107	169321	43.940	ng	100
18) Hexachloroethane	9.01	117	69906	36.879	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	145171	41.139	ng	99
20) 3+4-Methylphenols	8.70	107	233900	43.976	ng	99
22) Acetophenone	8.74	105	278140	37.103	ng	98
24) Nitrobenzene	9.13	77	207441	38.970	ng	96
25) Isophorone	9.65	82	402753	40.771	ng	99
26) 2-Nitrophenol	9.84	139	114443	40.748	ng	# 94
27) 2,4-Dimethylphenol	9.90	122	185251	47.957	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	245581	38.624	ng	98
29) 2,4-Dichlorophenol	10.38	162	216926	42.126	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	223730	36.618	ng	99
31) Naphthalene	10.78	128	579321	38.528	ng	100
32) Benzoic acid	10.06	122	79656	32.056	ng	99
33) 4-Chloroaniline	10.88	127	194293	29.303	ng	98
34) Hexachlorobutadiene	11.07	225	142696	35.977	ng	99
35) Caprolactam	11.65	113	42113	21.878	ng	99
36) 4-Chloro-3-methylphenol	12.01	107	213128	42.317	ng	94
37) 2-Methylnaphthalene	12.38	142	469568	39.596	ng	100
38) 1-Methylnaphthalene	12.60	142	444860	39.602	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	277497	40.160	ng	99

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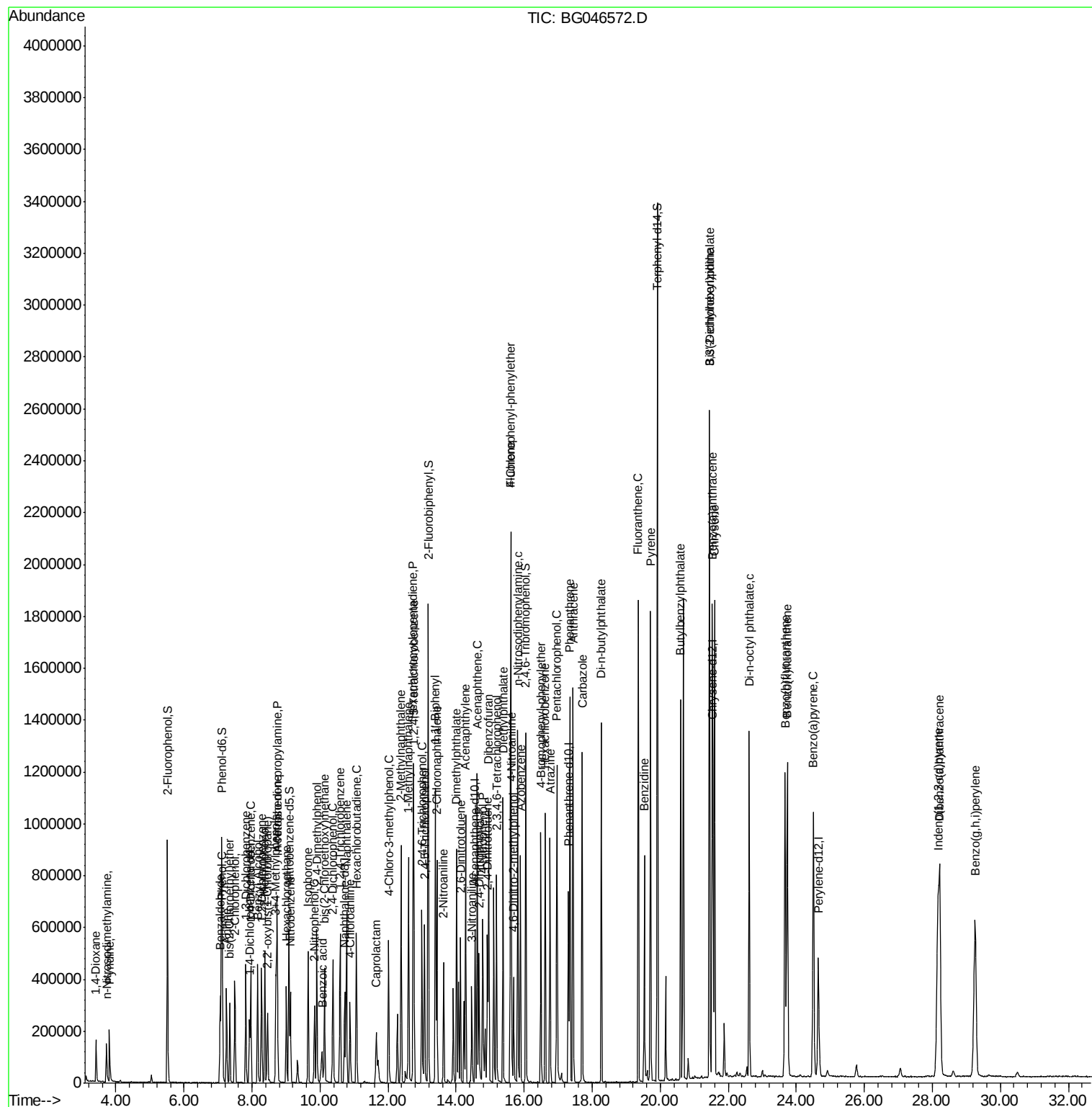
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	312015	103.848	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	190315	40.814	nq	98
44) 2,4,5-Trichlorophenol	13.07	196	205728	41.992	nq	98
46) 1,1'-Biphenyl	13.39	154	613542	42.085	nq	100
47) 2-Chloronaphthalene	13.43	162	474683	38.403	nq	99
48) 2-Nitroaniline	13.63	65	134245	39.113	nq	99
49) Acenaphthylene	14.28	152	772003	41.174	nq	99
50) Dimethylphthalate	14.02	163	627867	38.731	nq	100
51) 2,6-Dinitrotoluene	14.13	165	145219	40.639	nq	98
52) Acenaphthene	14.62	154	456629	39.300	nq	99
53) 3-Nitroaniline	14.46	138	114822	29.664	nq	99
54) 2,4-Dinitrophenol	14.67	184	154783	74.206	nq	97
55) Dibenzofuran	14.96	168	743817	39.890	nq	99
56) 4-Nitrophenol	14.78	139	223980	78.625	nq	97
57) 2,4-Dinitrotoluene	14.92	165	202147	39.673	nq	98
58) Fluorene	15.61	166	612862	39.160	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	195932	41.184	nq	98
60) Diethylphthalate	15.38	149	615161	38.921	nq	100
61) 4-Chlorophenyl-phenylether	15.60	204	339589	39.400	nq	97
62) 4-Nitroaniline	15.63	138	143069	35.029	nq	99
63) Azobenzene	15.89	77	521216	40.540	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	123675	44.490	nq	98
66) n-Nitrosodiphenylamine	15.81	169	560170	42.278	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	234984	41.010	nq	99
68) Hexachlorobenzene	16.62	284	245101	38.624	nq	98
69) Atrazine	16.76	200	202614	37.485	nq	100
70) Pentachlorophenol	16.96	266	270104	81.466	nq	99
71) Phenanthrene	17.35	178	989278	39.740	nq	100
72) Anthracene	17.43	178	1023179	41.658	nq	99
73) Carbazole	17.70	167	913572	39.396	nq	100
74) Di-n-butylphthalate	18.27	149	1047303	39.275	nq	100
75) Fluoranthene	19.36	202	1229411	38.376	nq	99
77) Benzidine	19.53	184	594615	54.088	nq	99
78) Pyrene	19.71	202	1216626	40.383	nq	99
80) Butylbenzylphthalate	20.61	149	468717	39.887	nq	100
81) Benzo(a)anthracene	21.53	228	1168705	39.632	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	379349	34.665	nq	98
83) Chrysene	21.59	228	1117150	39.384	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	652019	40.658	nq	100
85) Di-n-octyl phthalate	22.62	149	1132203	41.232	nq	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1407166	40.922	nq	100
88) Benzo(b)fluoranthene	23.67	252	1213108	40.579	nq	98
89) Benzo(k)fluoranthene	23.73	252	1161736	40.209	nq	99
90) Benzo(a)pyrene	24.51	252	1119242	40.118	nq	100
91) Dibenzo(a,h)anthracene	28.22	278	1151602	41.501	nq	98
92) Benzo(g,h,i)perylene	29.26	276	1177440	42.492	nq	98

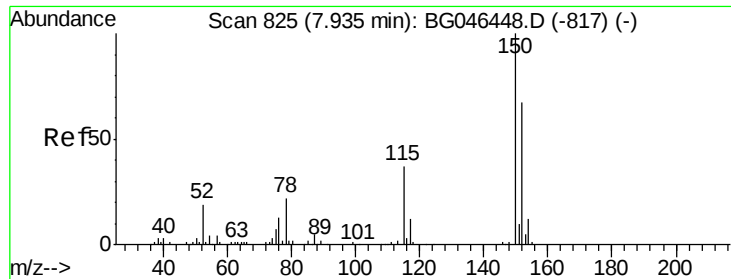
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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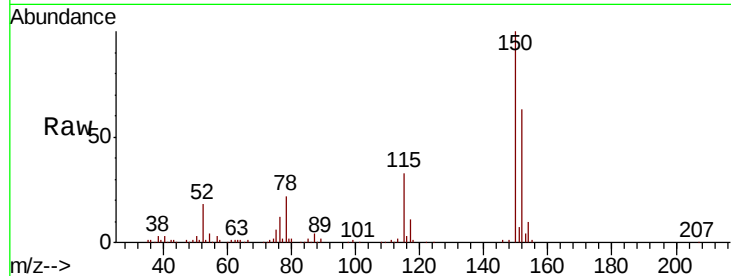


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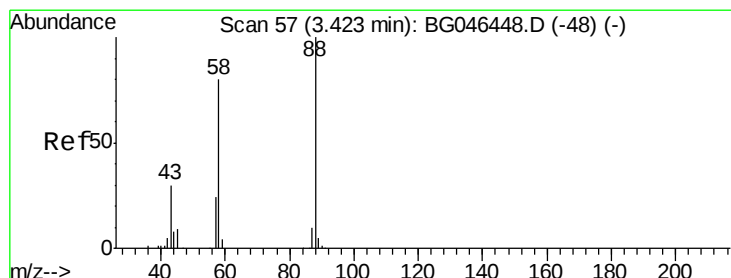
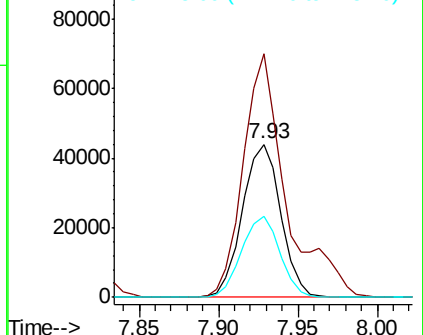
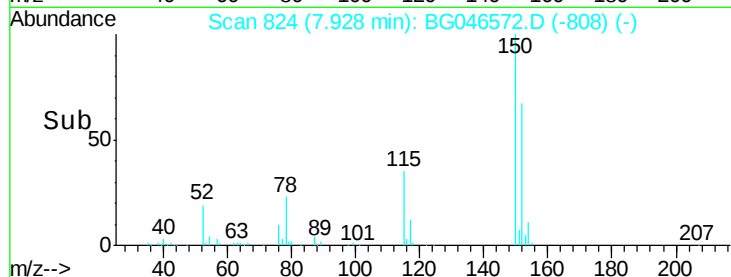
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:152 Resp: 73708
Ion Ratio Lower Upper
152 100
150 159.3 119.5 179.3
115 53.0 44.3 66.5



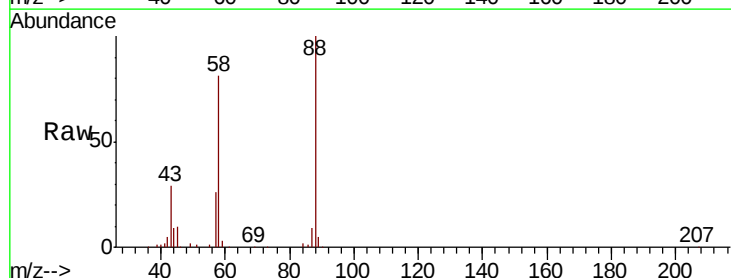
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



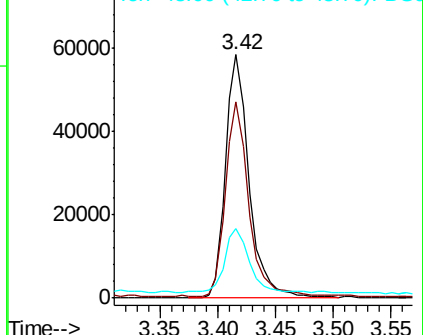
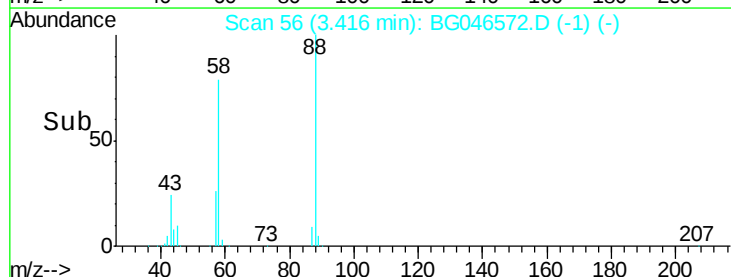
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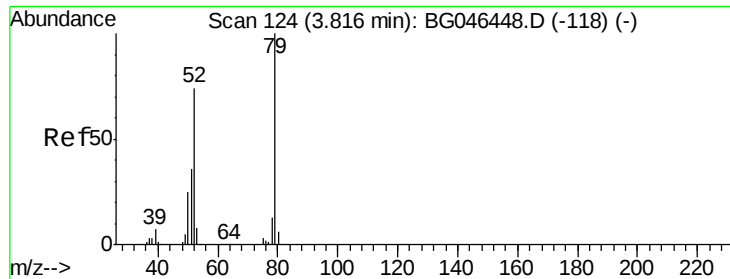
1,4-Dioxane
Concen: 47.869 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion: 88 Resp: 82877
Ion Ratio Lower Upper
88 100
58 78.3 61.4 92.2
43 27.7 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: 23.730 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

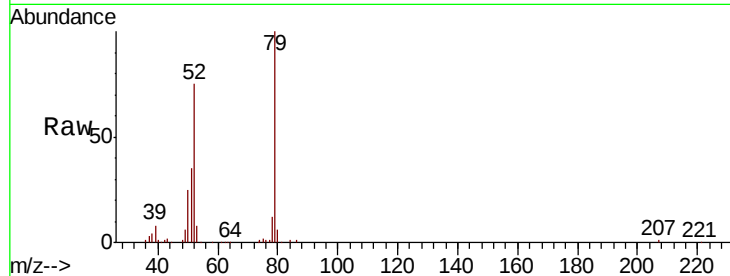
Tot Ion: 79 Resp: 120209

Ion Ratio Lower Upper

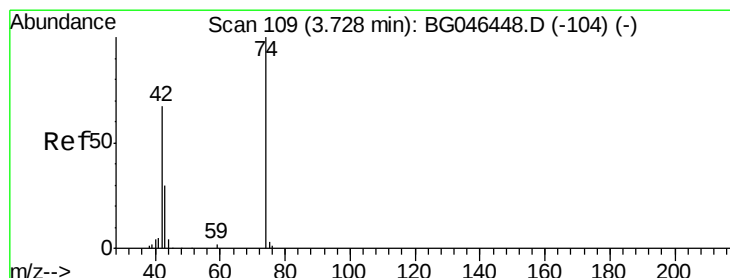
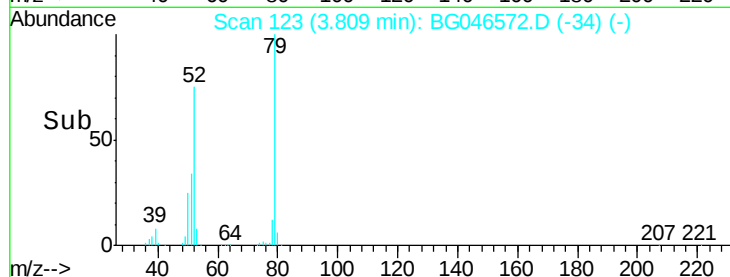
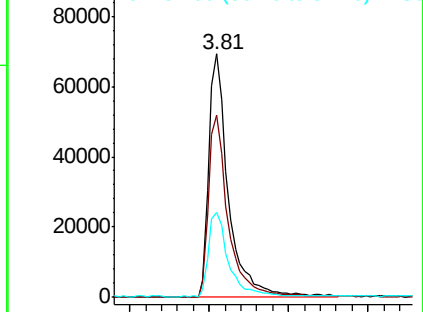
79 100

52 75.0 59.1 88.7

51 35.0 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.898 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

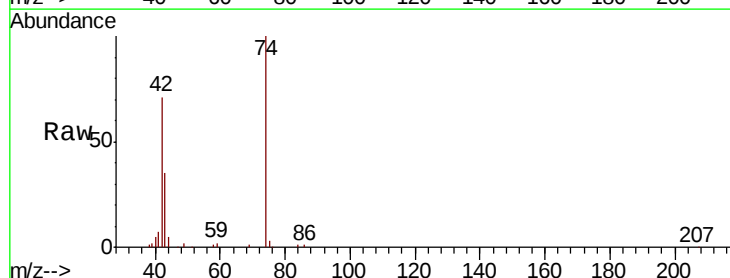
Tgt Ion: 42 Resp: 70804

Ion Ratio Lower Upper

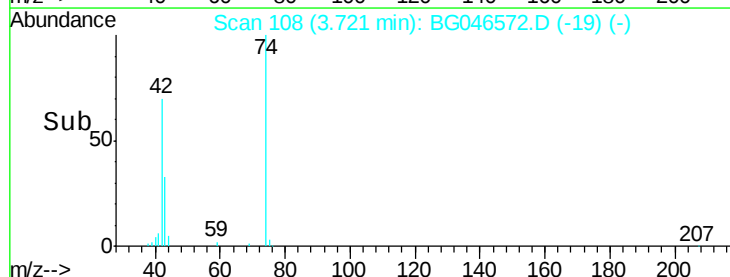
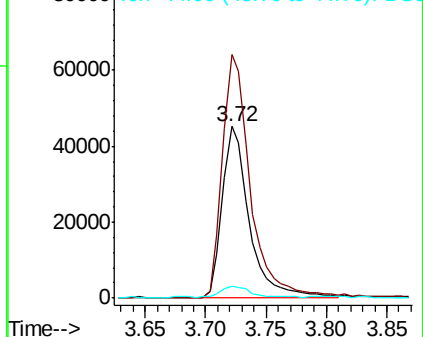
42 100

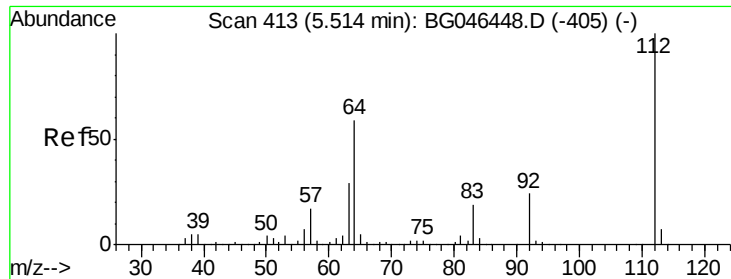
74 141.8 119.5 179.3

44 7.2 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 106.816 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.00 min

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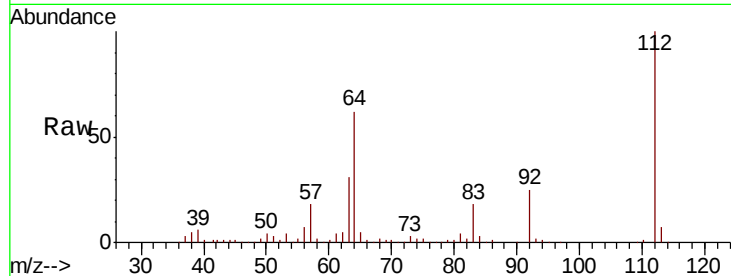
Tot Ion:112 Resp: 444514

Ion Ratio Lower Upper

112 100

64 61.7 47.0 70.6

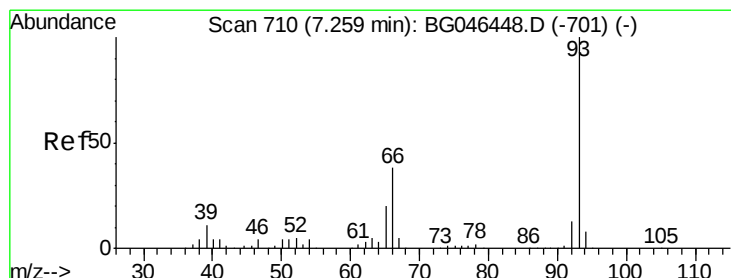
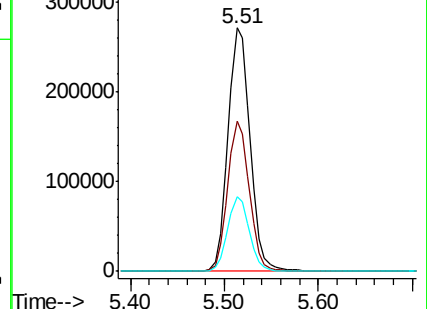
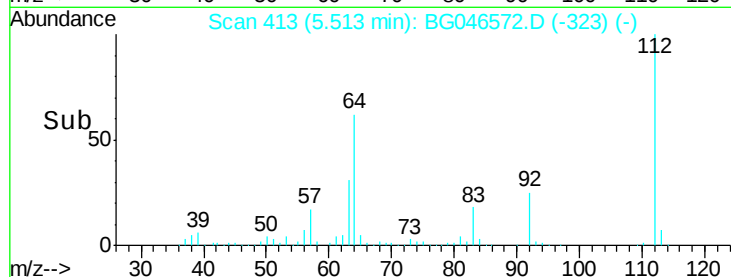
63 30.6 23.5 35.3



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: 37.128 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

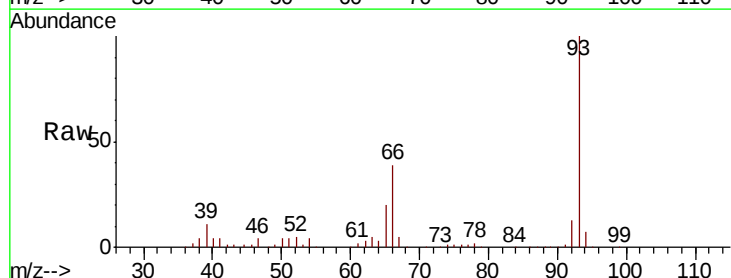
Tgt Ion: 93 Resp: 246472

Ion Ratio Lower Upper

93 100

66 38.9 30.4 45.6

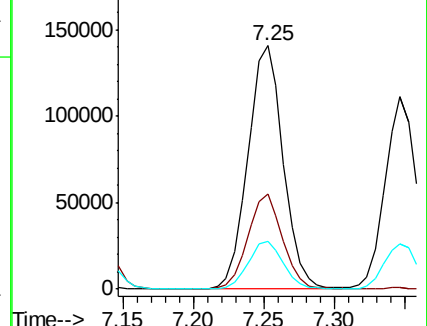
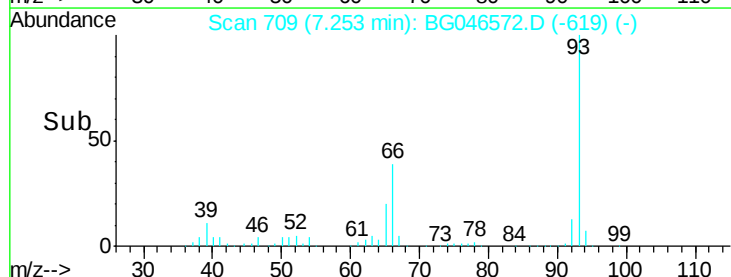
65 19.7 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.832 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

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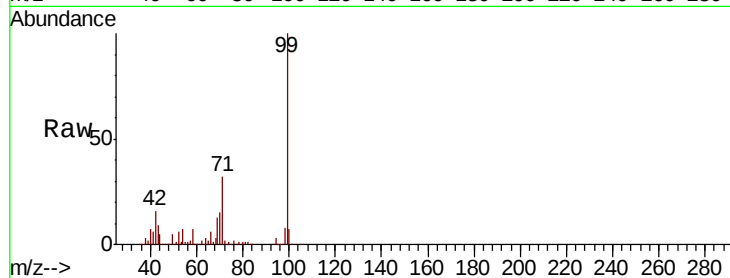
Tot Ion: 99 Resp: 583048

Ion Ratio Lower Upper

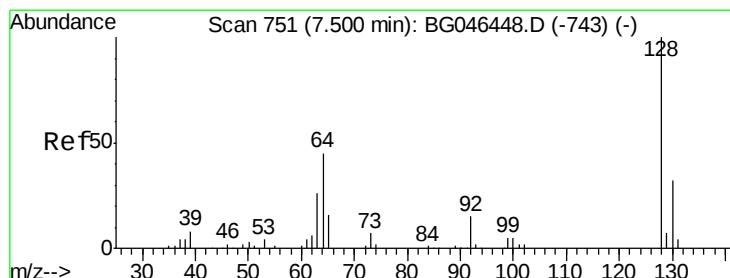
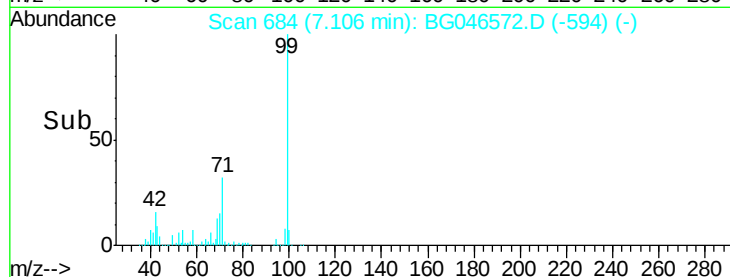
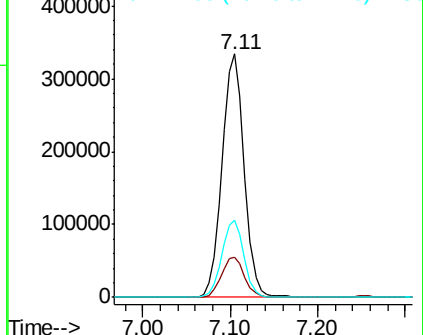
99 100

42 16.3 13.3 19.9

71 31.6 25.3 37.9



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



#8

2-Chlorophenol

Concen: 43.824 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

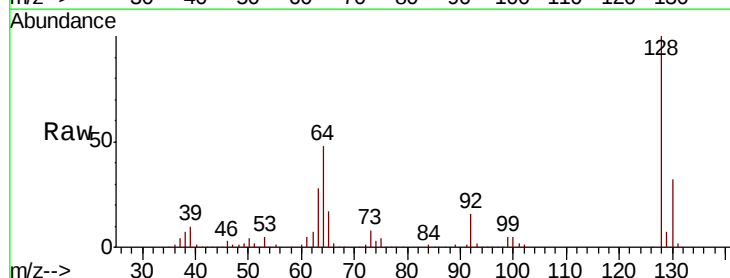
Tgt Ion: 128 Resp: 192752

Ion Ratio Lower Upper

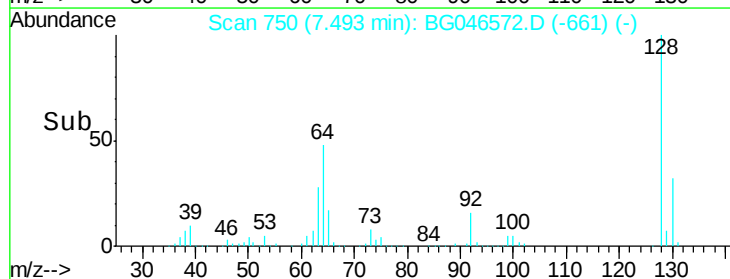
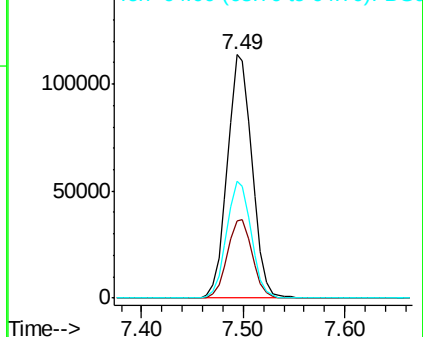
128 100

130 31.8 12.4 52.4

64 48.0 28.1 68.1



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

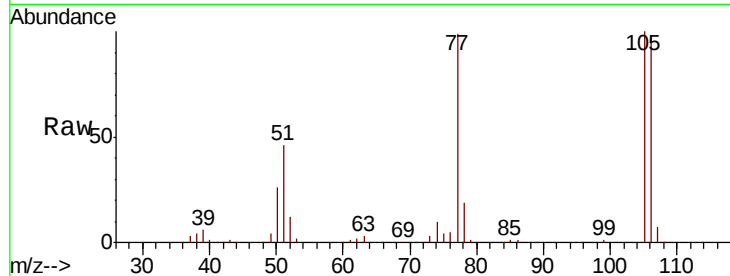




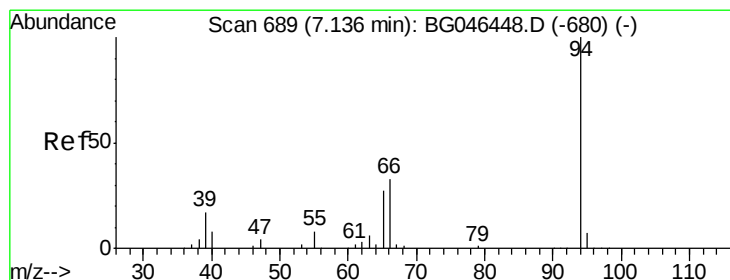
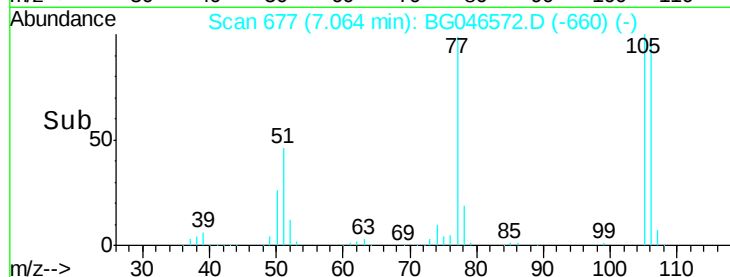
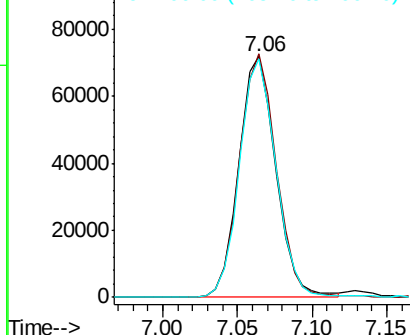
#9
Benzaldehyde
Concen: 37.373 ng
RT: 7.06 min Scan# 677
Delta R.T. -0.00 min
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Instrument :
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Tot Ion: 77 Resp: 123526
Ion Ratio Lower Upper
77 100
105 101.0 85.6 125.6
106 98.7 80.8 120.8

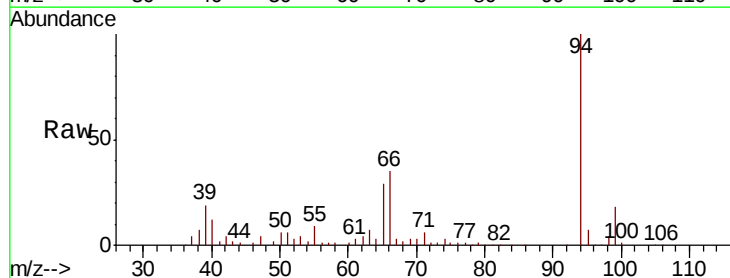


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

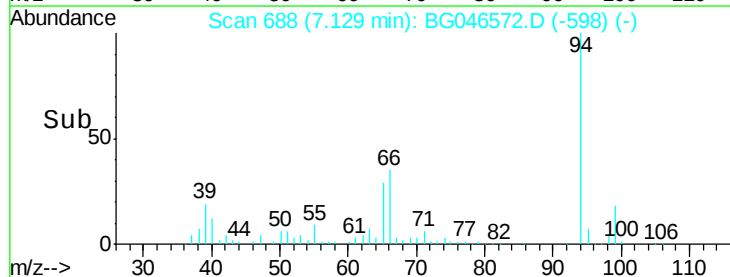
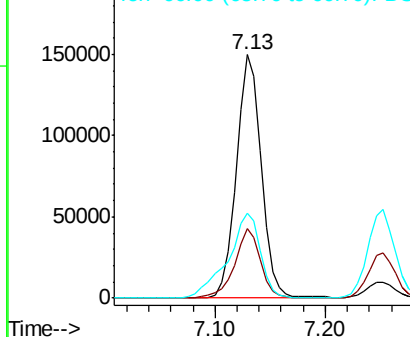


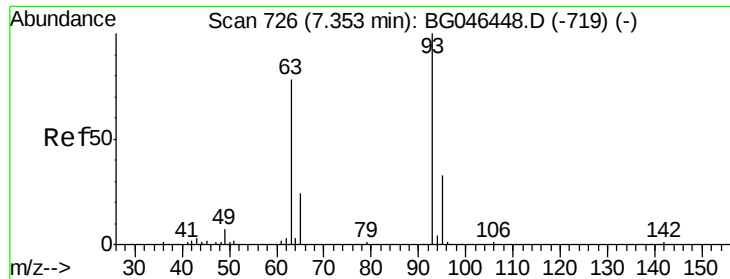
#10
Phenol
Concen: 43.776 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion: 94 Resp: 237862
Ion Ratio Lower Upper
94 100
65 28.6 7.5 47.5
66 35.0 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

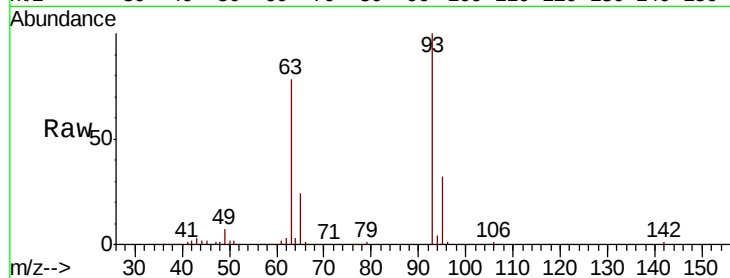




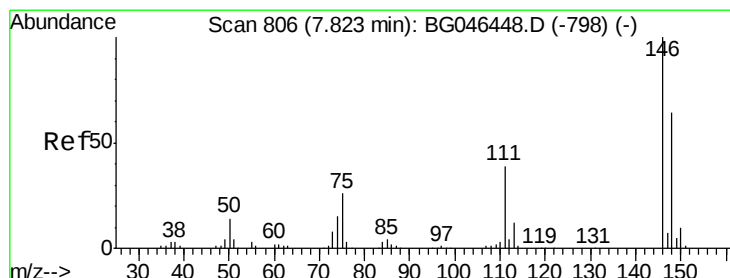
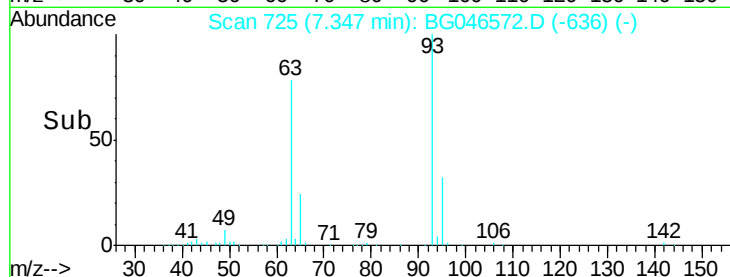
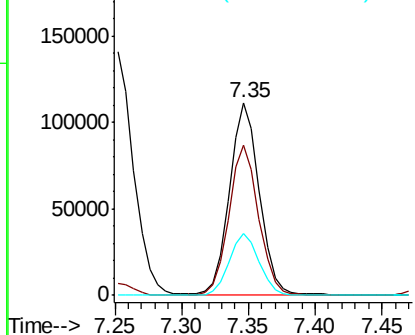
#11
bis(2-Chloroethyl)ether
Concen: 39.473 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion: 93 Resp: 172400
Ion Ratio Lower Upper
93 100
63 77.8 57.7 97.7
95 32.1 12.3 52.3

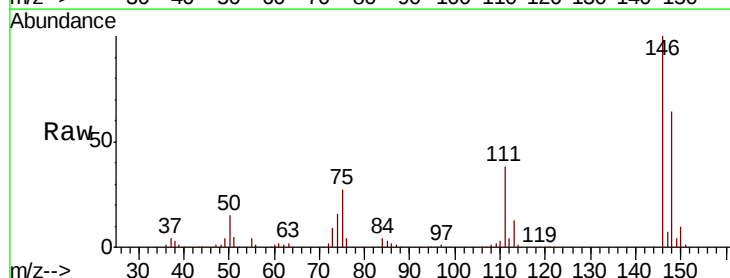


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

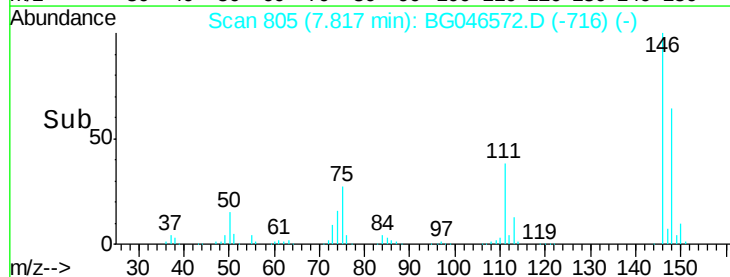
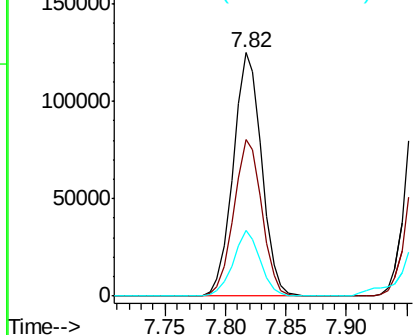


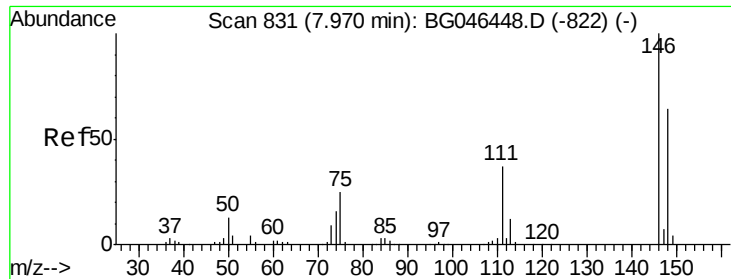
#12
1,3-Dichlorobenzene
Concen: 36.612 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion: 146 Resp: 204446
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 27.1 20.7 31.1



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

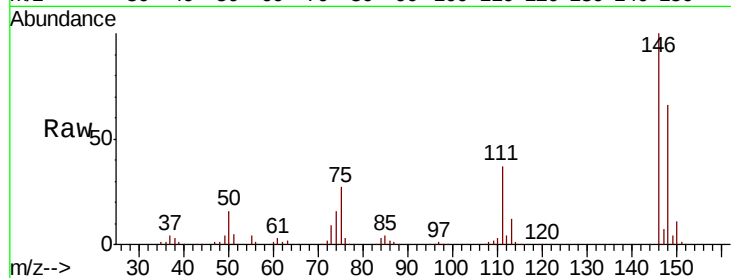




#13
 1,4-Dichlorobenzene
 Concen: 37.042 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.9	76.3
111	36.8	29.8	44.6

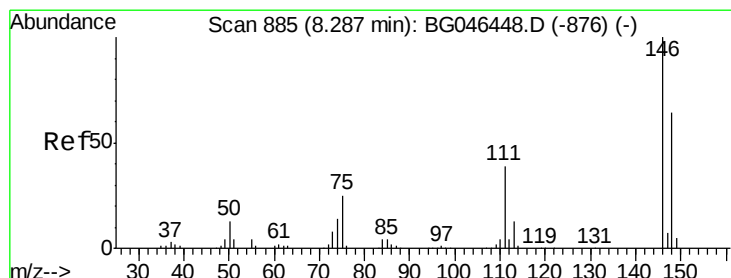
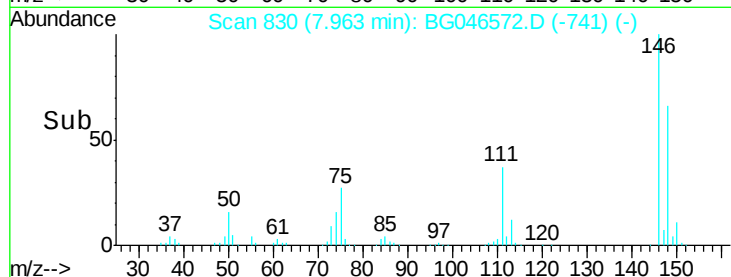
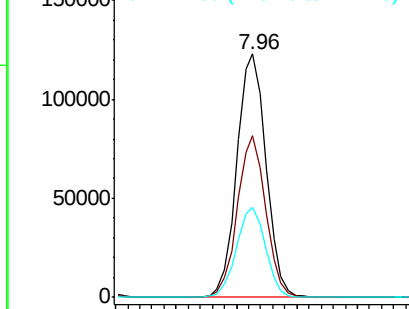


Abundance

Ion 146.00 (145.70 to 146.70): E

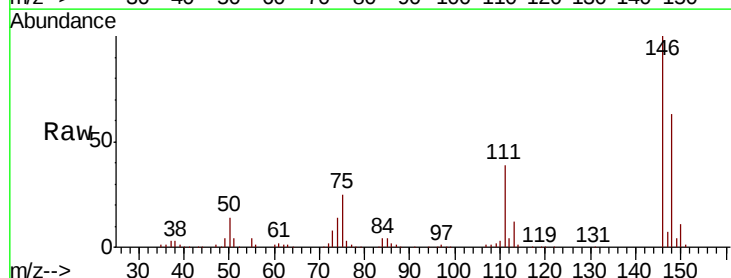
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.460 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
111	38.9	31.4	47.2

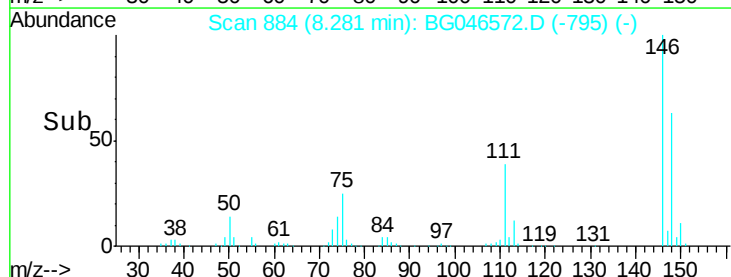
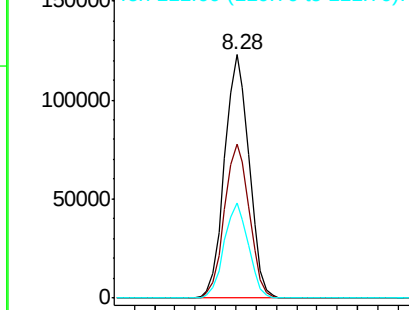


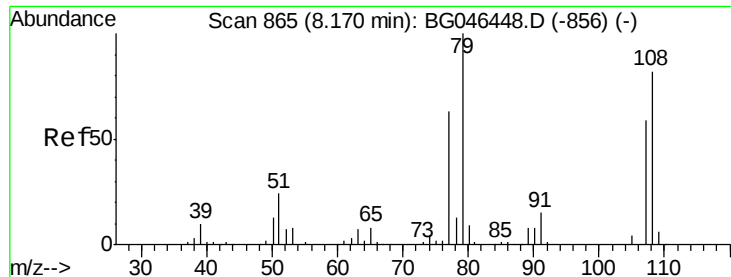
Abundance

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: 43.661 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

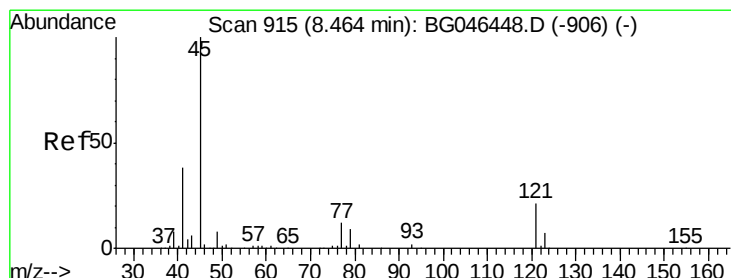
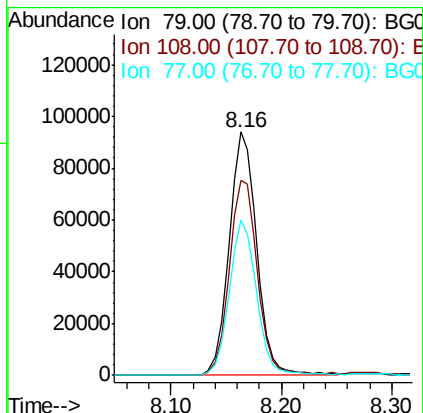
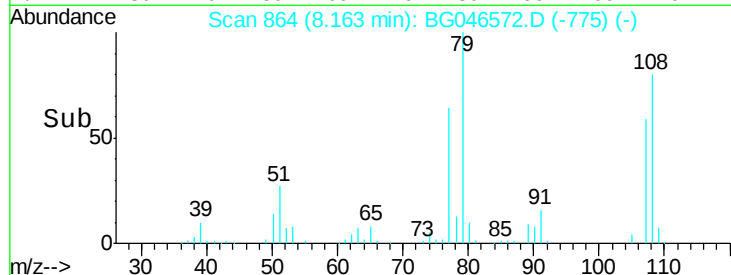
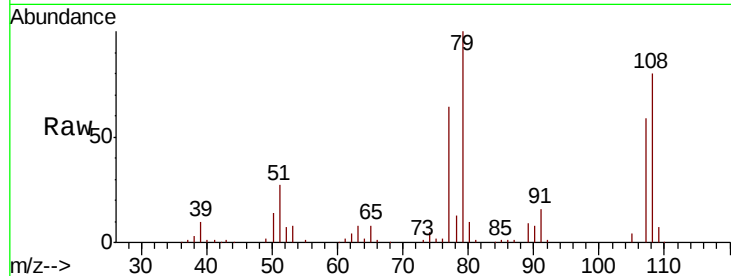
Tot Ion: 79 Resp: 165365

Ion Ratio Lower Upper

79 100

108 80.3 65.7 98.5

77 64.0 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.667 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

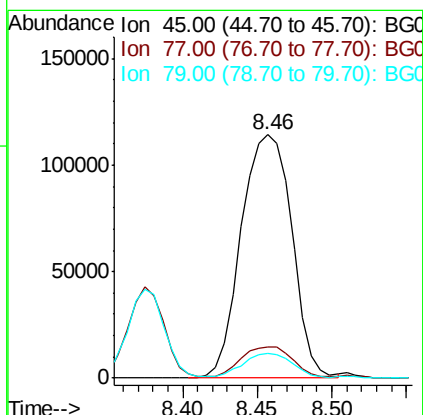
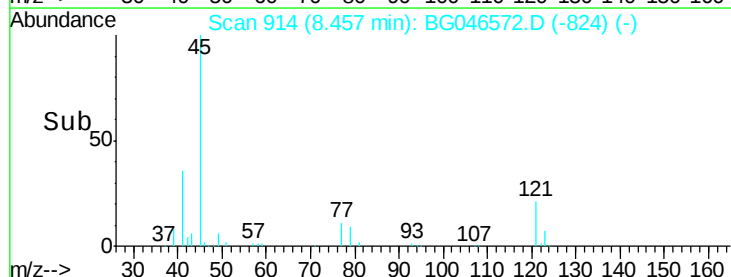
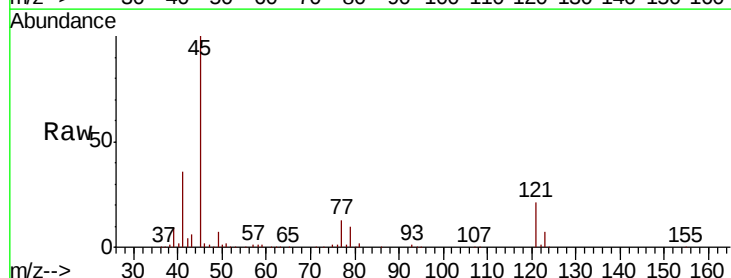
Tgt Ion: 45 Resp: 268729

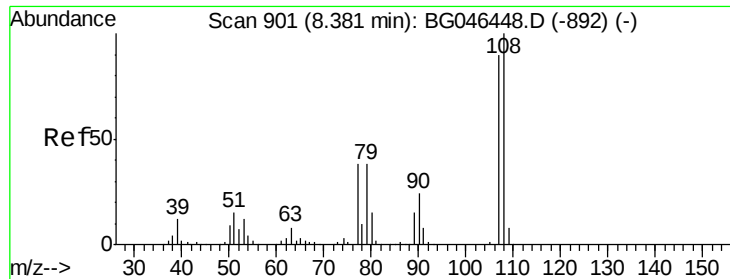
Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.2

79 10.2 0.0 30.3

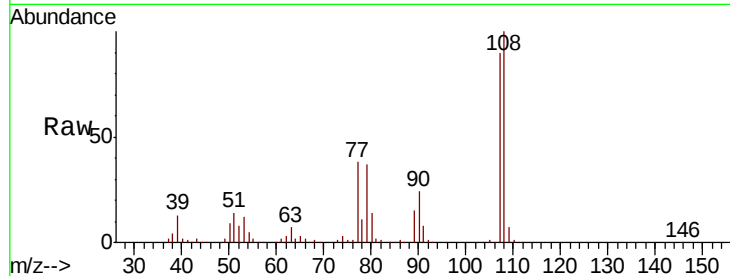




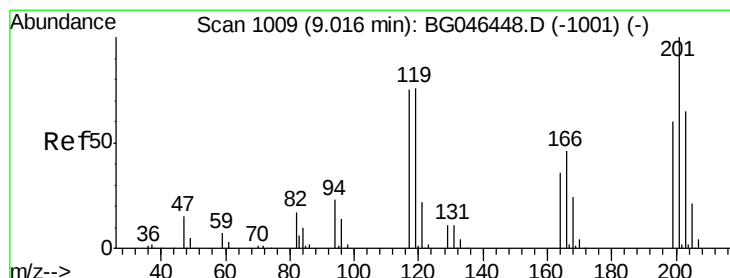
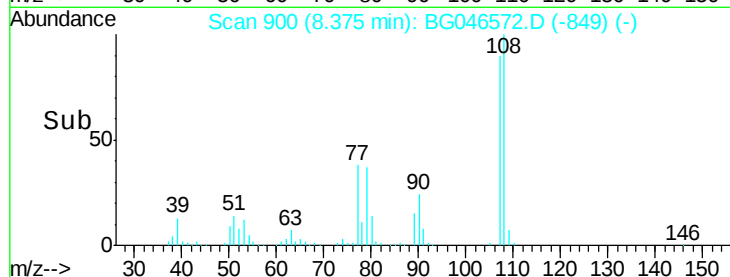
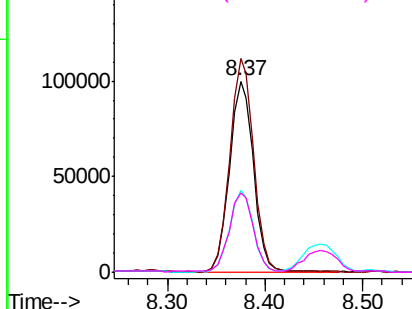
#17
2-Methylphenol
Concen: 43.940 ng
RT: 8.37 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion:107 Resp: 169321
Ion Ratio Lower Upper
107 100
108 111.7 89.4 134.0
77 42.9 34.5 51.7
79 41.6 33.8 50.6

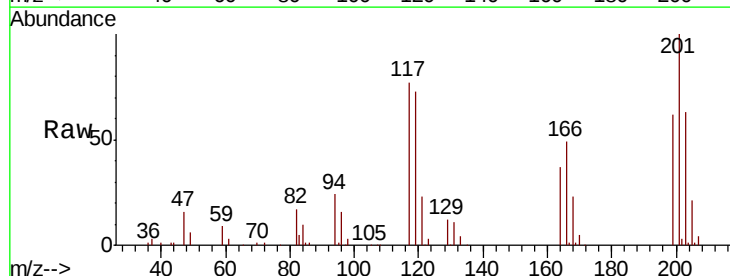


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

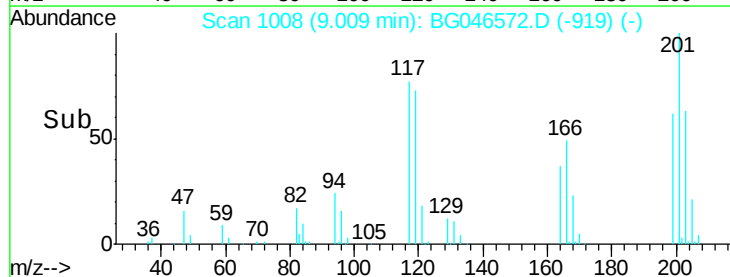
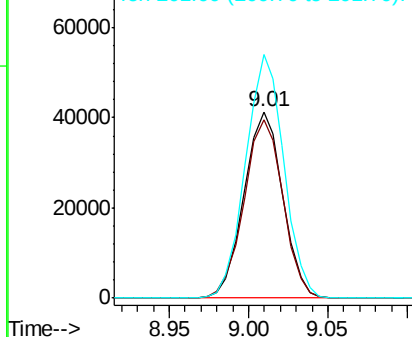


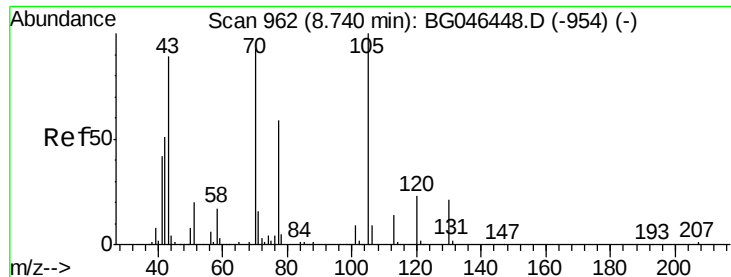
#18
Hexachloroethane
Concen: 36.879 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:117 Resp: 69906
Ion Ratio Lower Upper
117 100
119 95.6 80.8 121.2
201 130.5 106.7 160.1



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

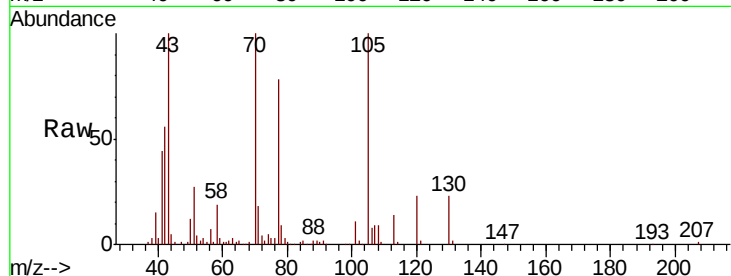




#19
n-Nitroso-di-n-propylamine
Concen: 41.139 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion:	70	Resp:	145171
Ion	Ratio	Lower	Upper
70	100		
42	55.5	44.2	66.2
101	11.1	7.8	11.8
130	23.0	18.2	27.4



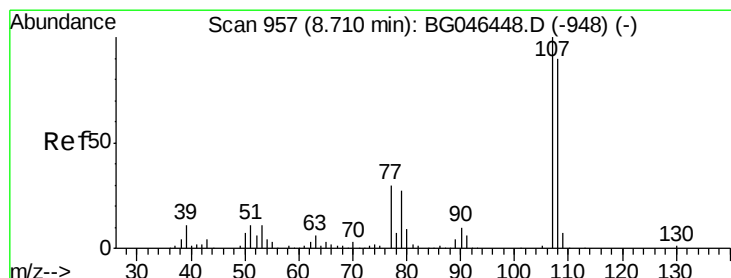
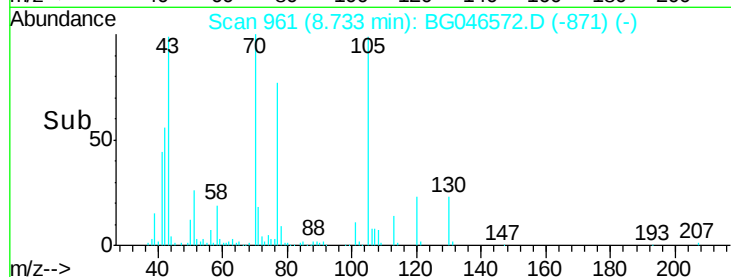
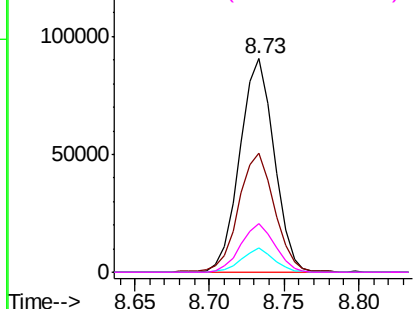
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

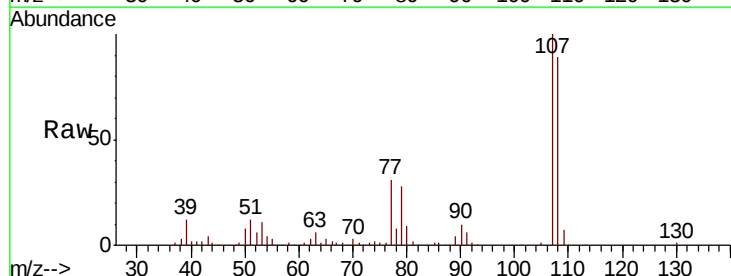
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 43.976 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:	107	Resp:	233900
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.7	109.7
77	30.5	9.7	49.7
79	27.5	6.9	46.9



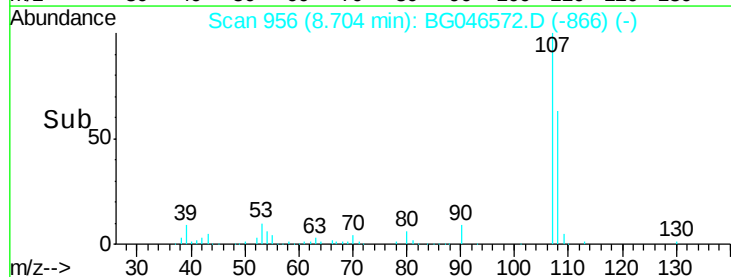
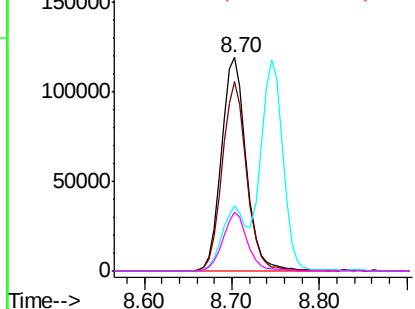
Abundance

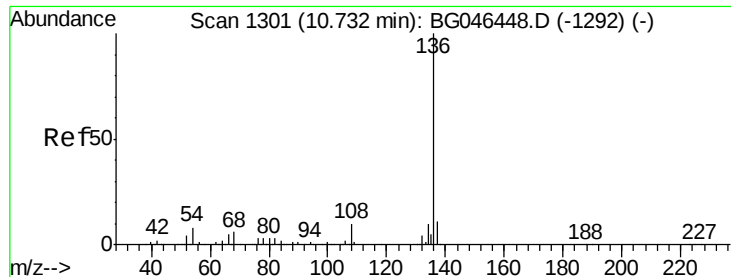
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

Tot Ion:136 Resp: 307959

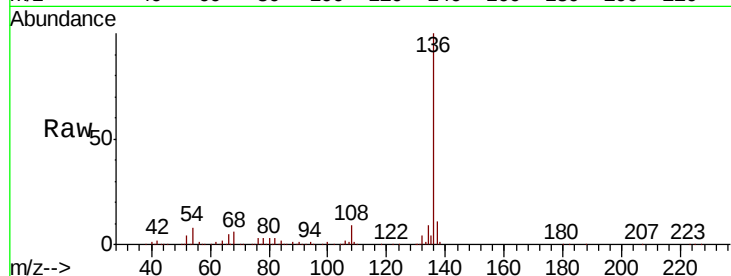
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.1 6.1 9.1

68 5.7 4.8 7.2

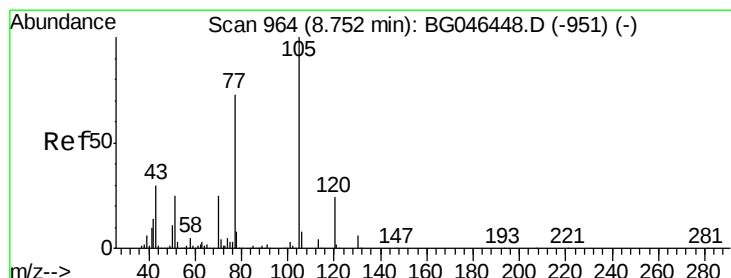
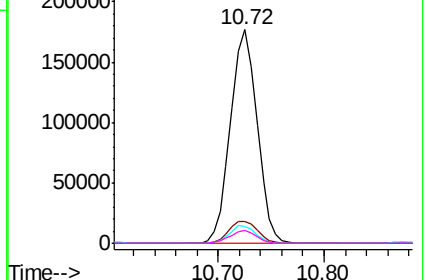
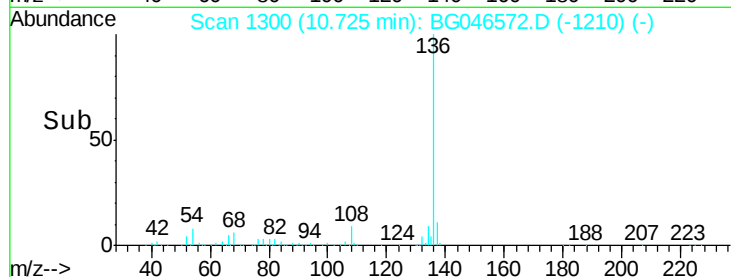


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.103 ng

RT: 8.74 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:105 Resp: 278140

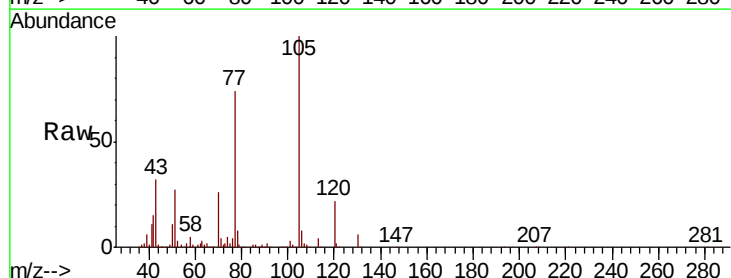
Ion Ratio Lower Upper

105 100

71 4.5 3.3 4.9

51 26.5 20.6 31.0

120 22.2 19.0 28.6

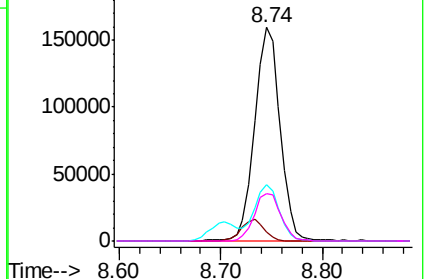
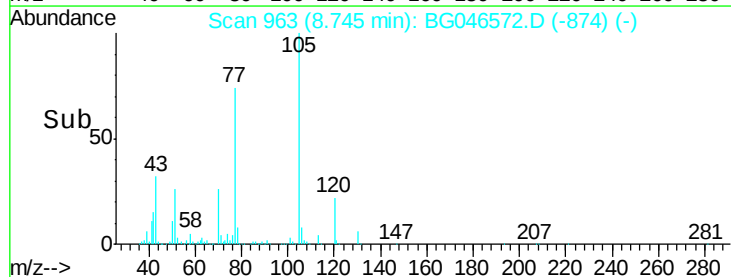


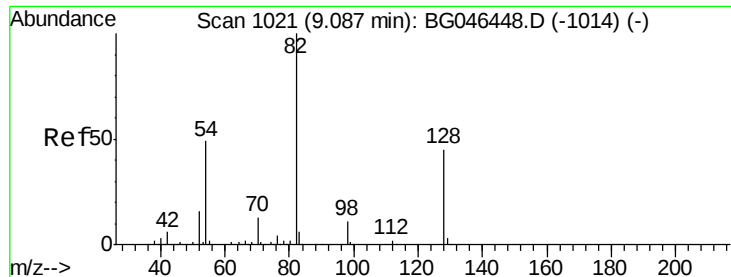
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

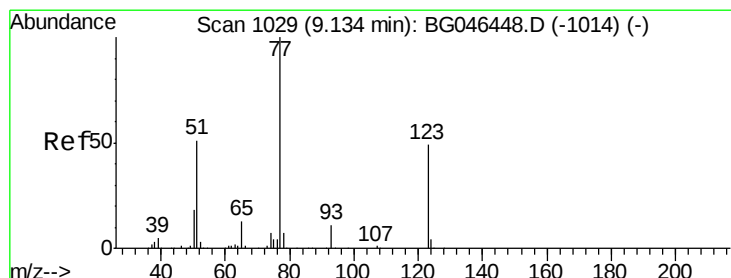
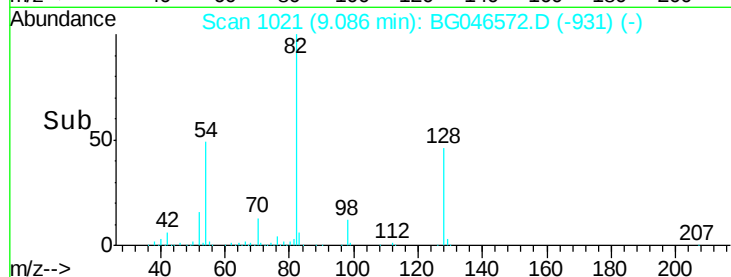
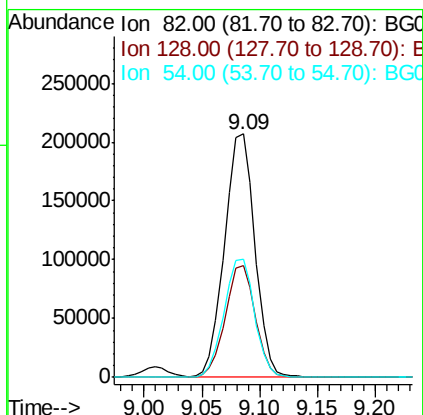
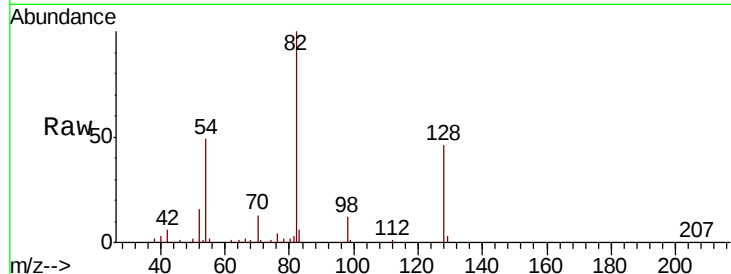




#23
Nitrobenzene-d5
Concen: 69.841 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

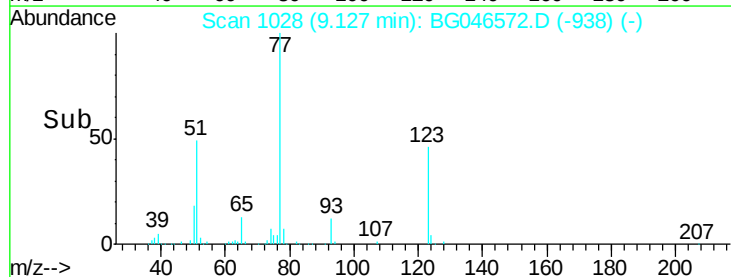
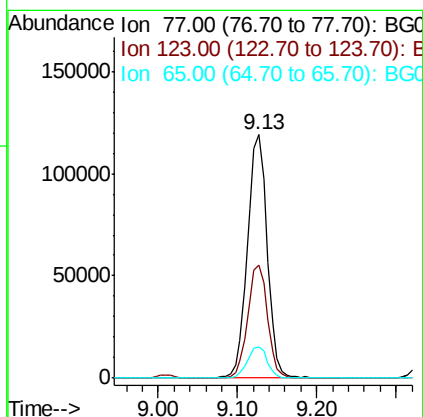
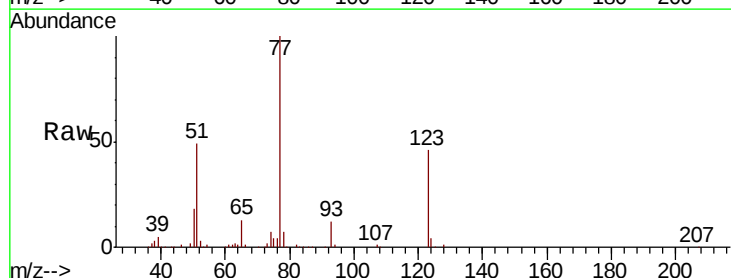
Instrument :
BNA_G
ClientSampleId :
PB131497BS

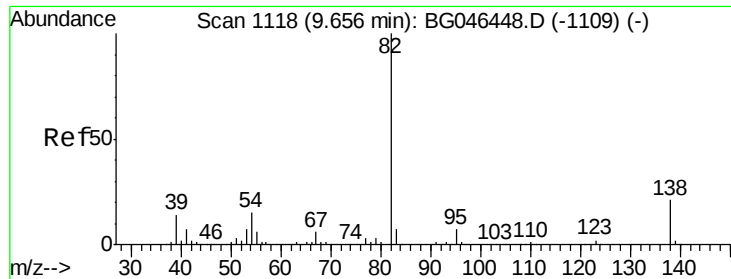
Tot Ion	82	Resp	376313
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.7	53.5
54	48.7	39.4	59.0



#24
Nitrobenzene
Concen: 38.970 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	77	Resp	207441
Ion Ratio	Lower	Upper	
77	100		
123	46.3	39.6	59.4
65	12.6	10.1	15.1





#25

Isophorone

Concen: 40.771 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

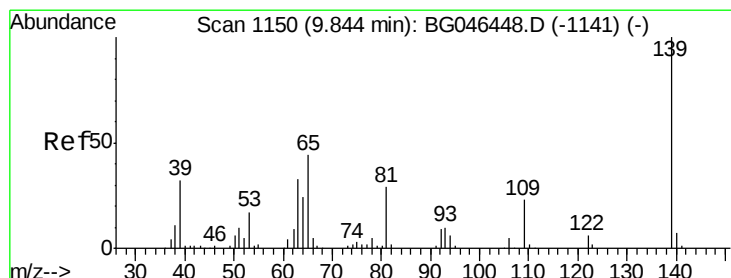
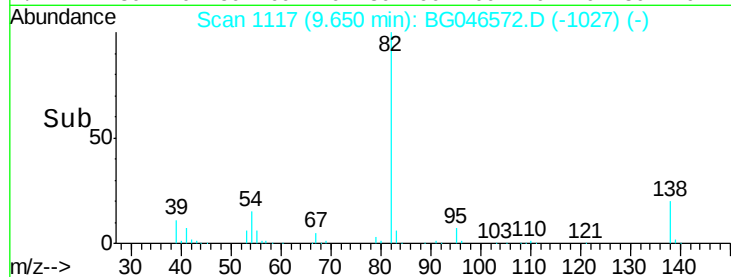
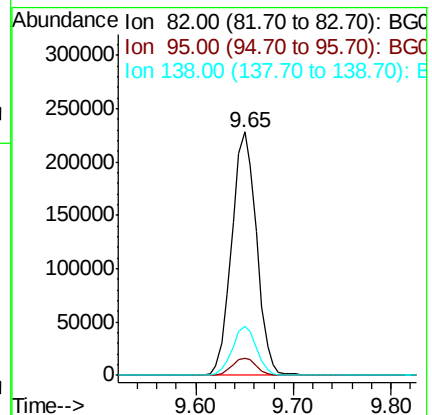
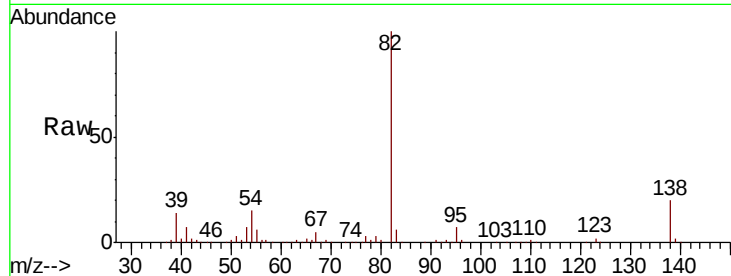
Tot Ion: 82 Resp: 402753

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 20.0 16.4 24.6



#26

2-Nitrophenol

Concen: 40.748 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

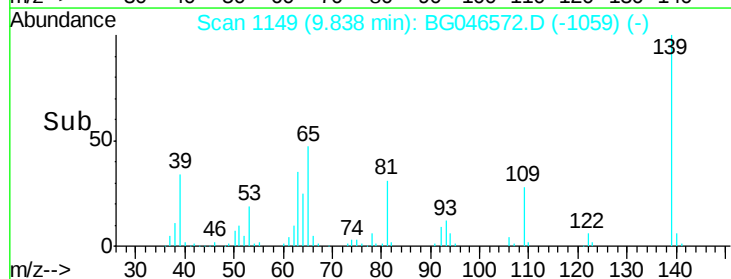
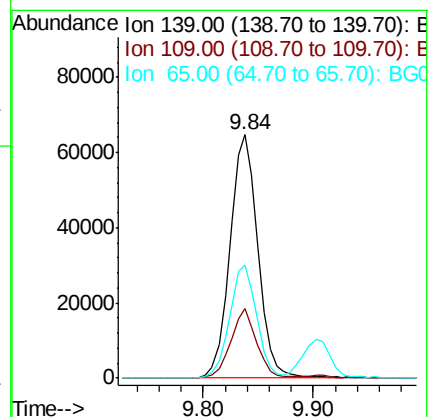
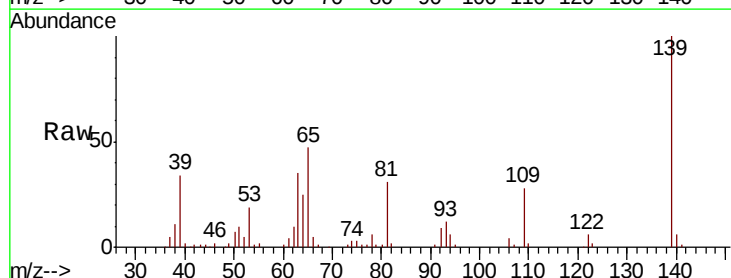
Tgt Ion: 139 Resp: 114443

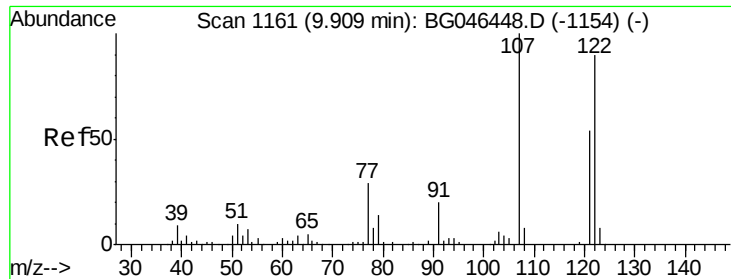
Ion Ratio Lower Upper

139 100

109 28.4 18.8 28.2#

65 46.5 35.0 52.6

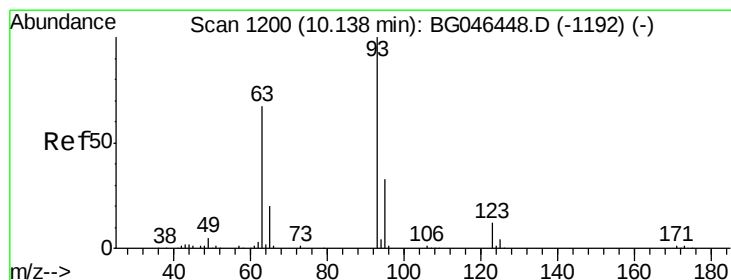
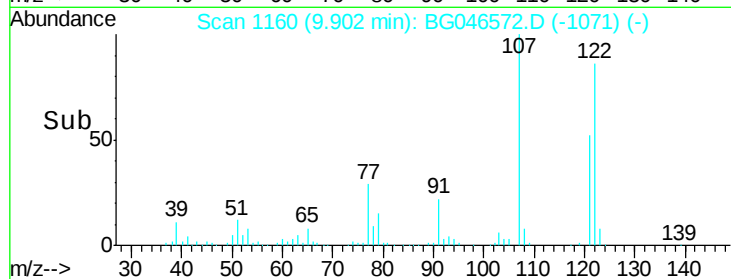
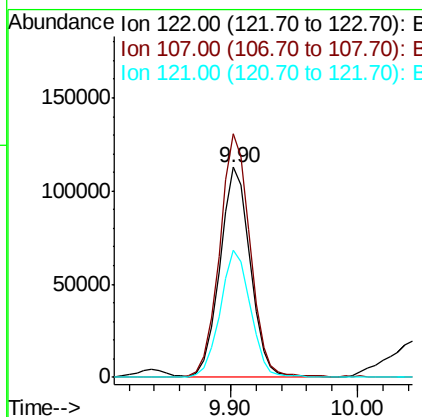
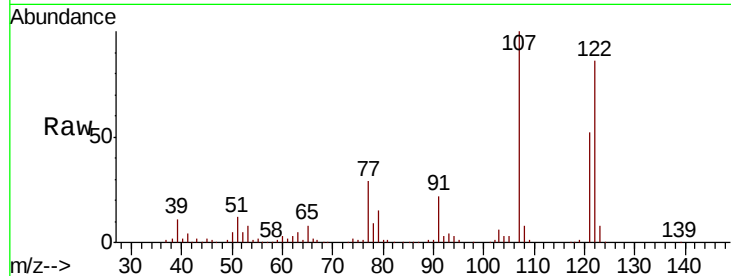




#27
 2,4-Dimethylphenol
 Concen: 47.957 ng
 RT: 9.90 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

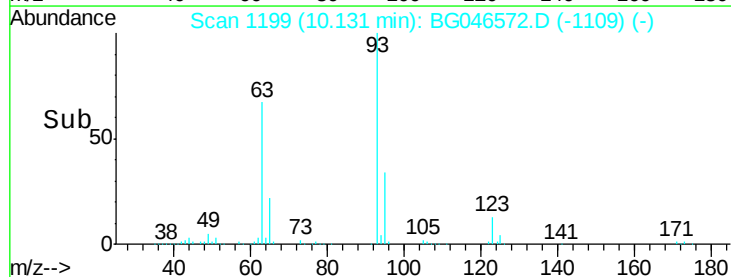
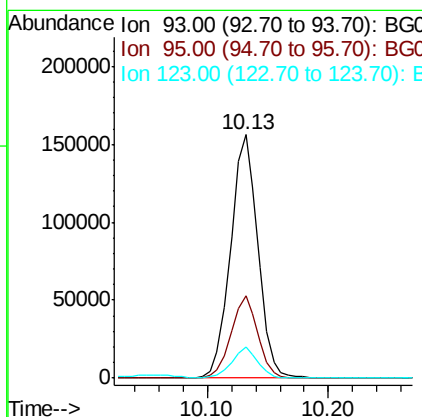
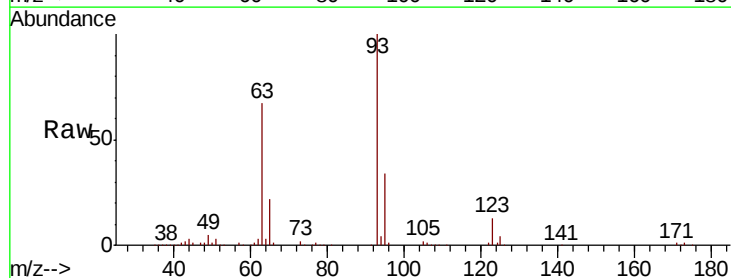
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

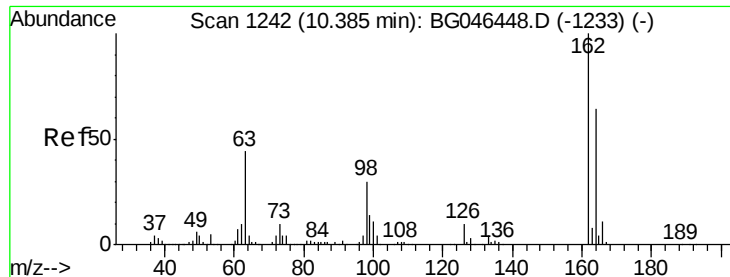
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	88.2	132.2
121	60.4	47.4	71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.624 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.1	39.1
123	12.7	9.5	14.3

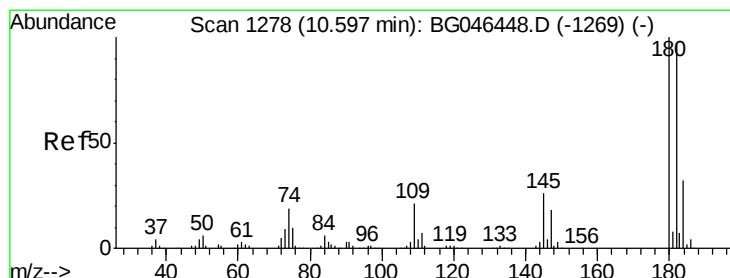
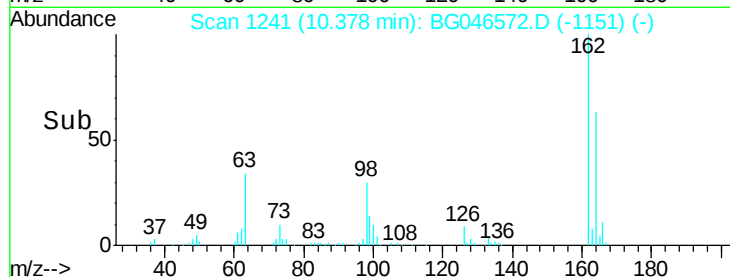
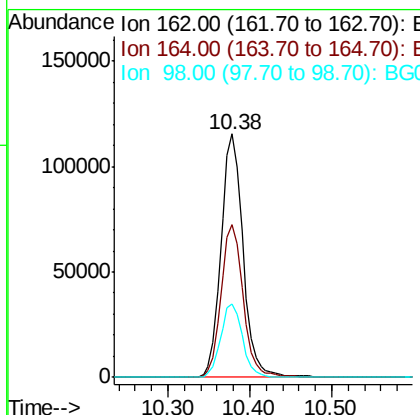
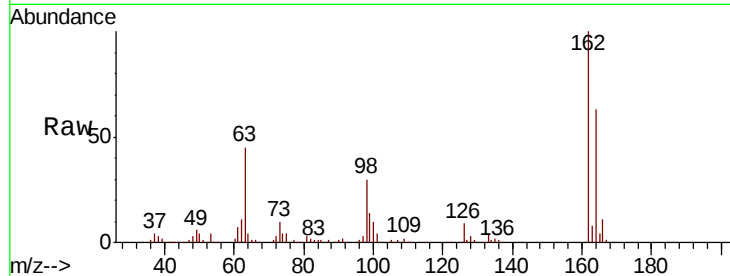




#29
 2,4-Dichlorophenol
 Concen: 42.126 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

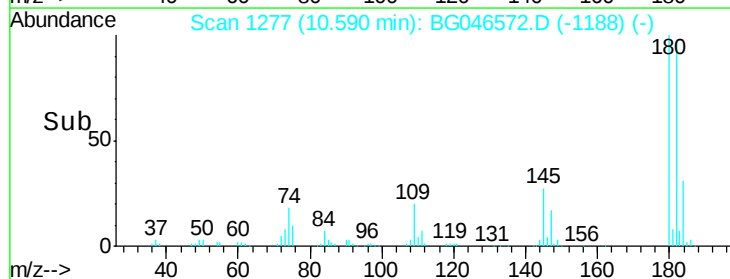
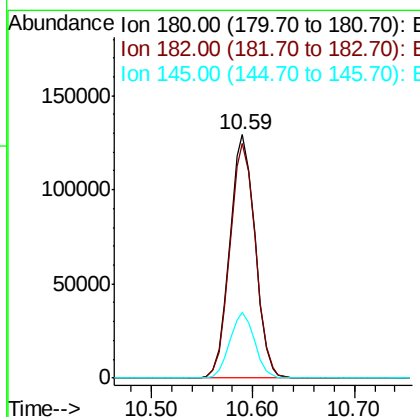
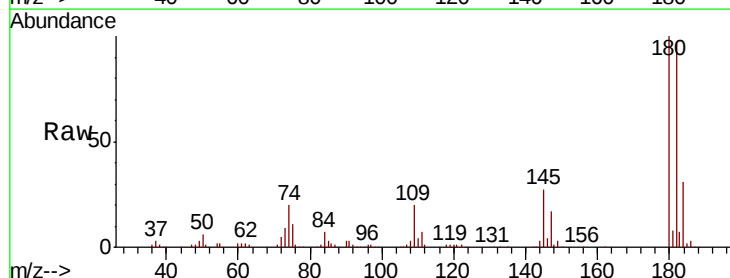
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

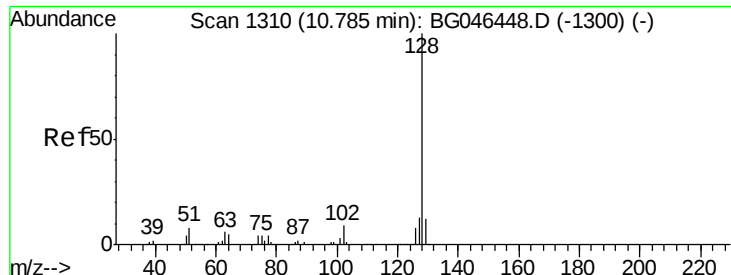
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.3	84.3
98	30.3	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 36.618 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.8
145	27.0	20.9	31.3

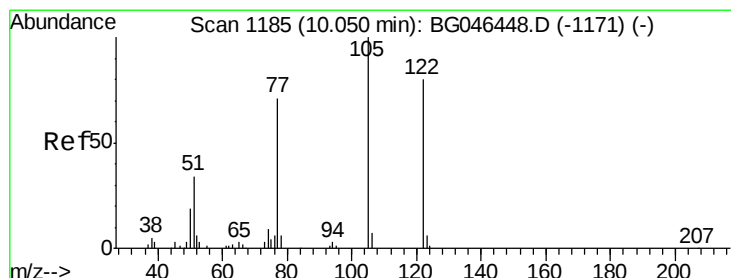
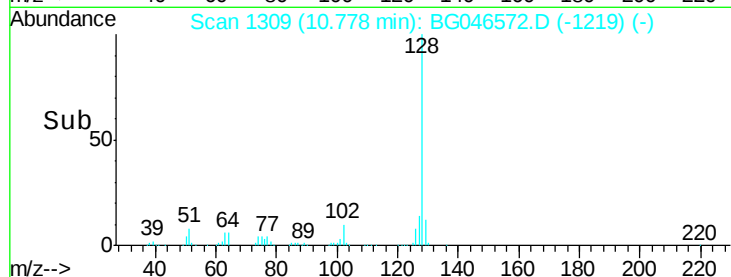
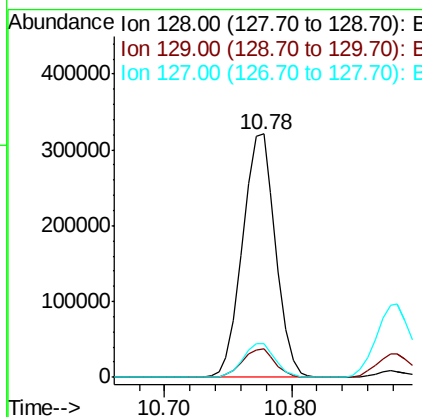
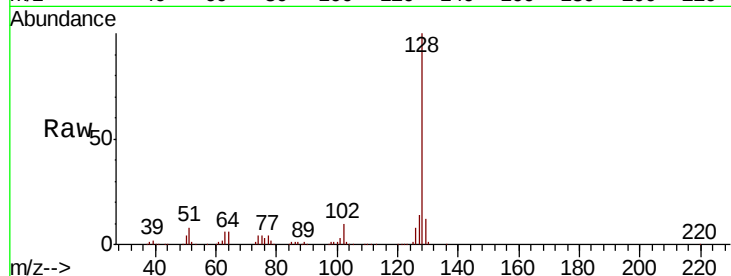




#31
Naphthalene
Concen: 38.528 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

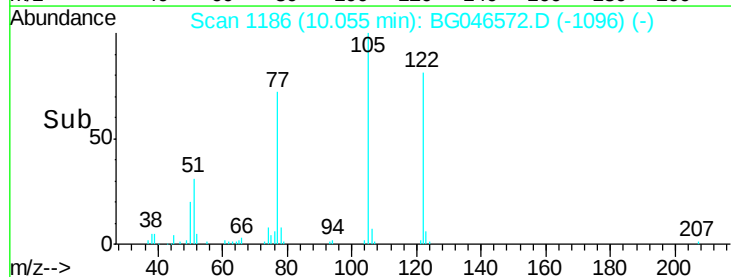
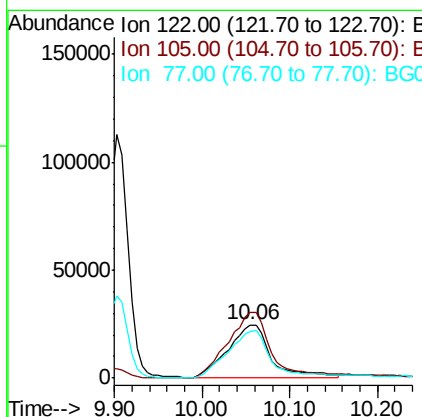
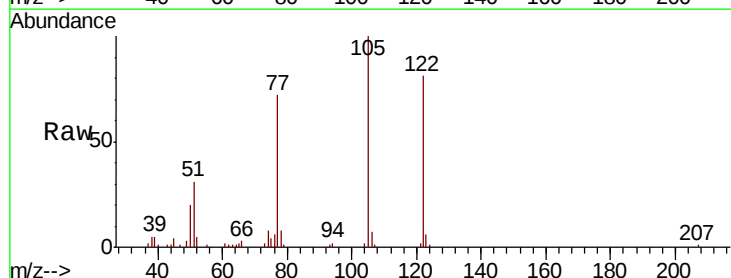
Instrument :
BNA_G
ClientSampleId :
PB131497BS

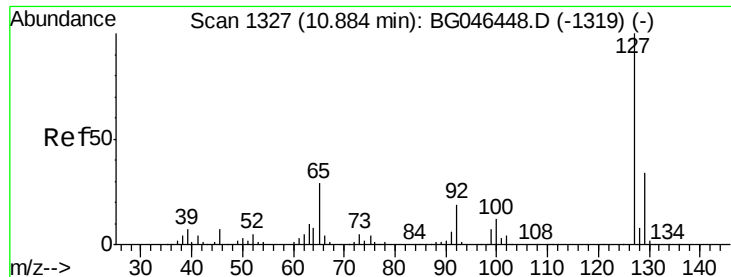
Tot Ion:128 Resp: 579321
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 32.056 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:122 Resp: 79656
Ion Ratio Lower Upper
122 100
105 123.4 102.5 142.5
77 88.4 68.2 108.2

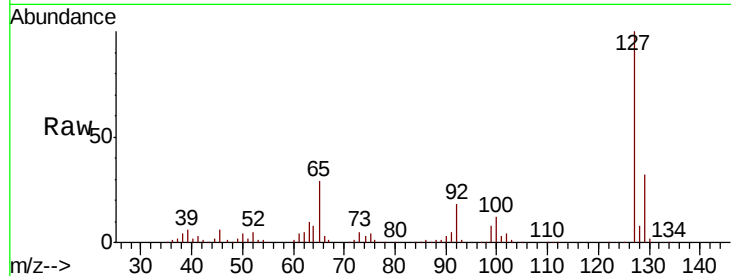




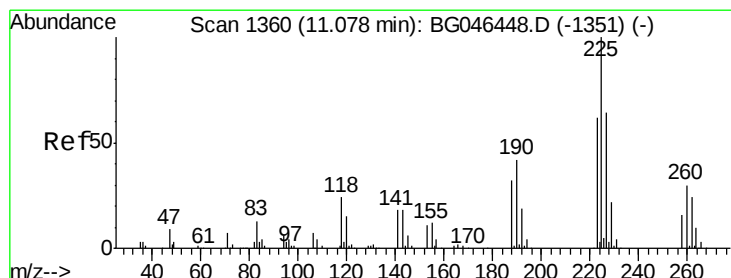
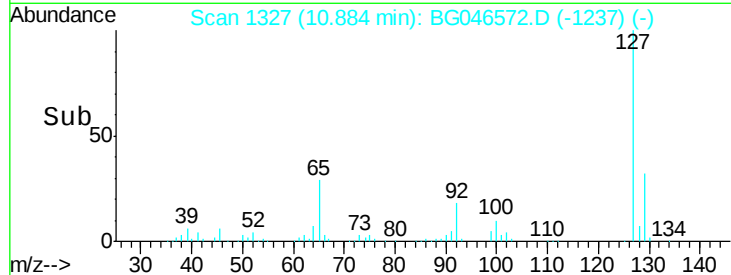
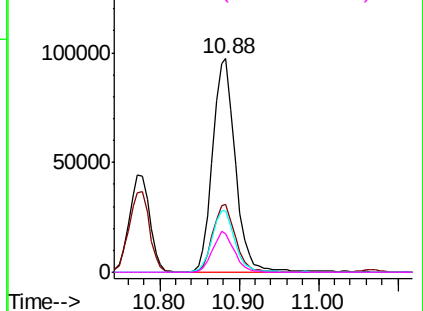
#33
4-Chloroaniline
Concen: 29.303 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleID :
PB131497BS

Tot Ion:	127	Resp:	194293
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.4
65	28.7	23.5	35.3
92	17.8	14.9	22.3

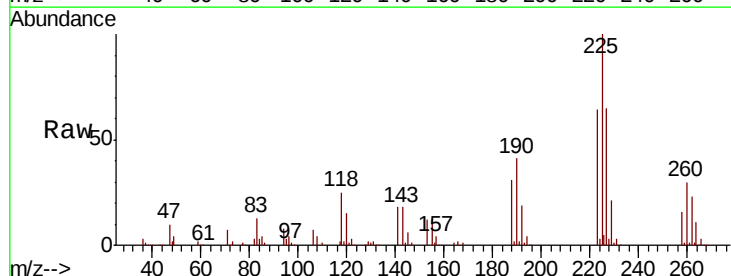


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

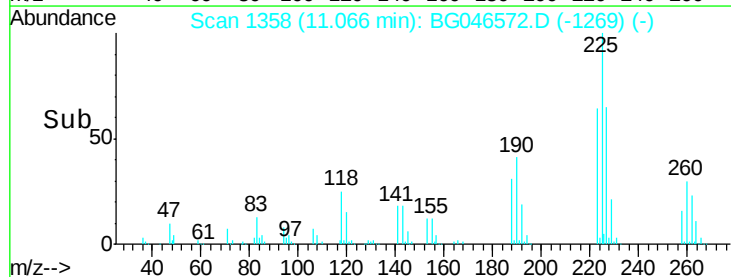
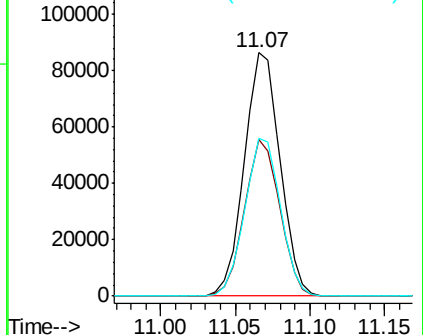


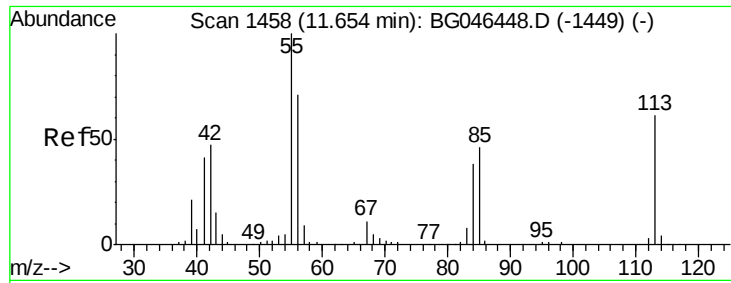
#34
Hexachlorobutadiene
Concen: 35.977 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:	225	Resp:	142696
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.9	74.9
227	65.0	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.878 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

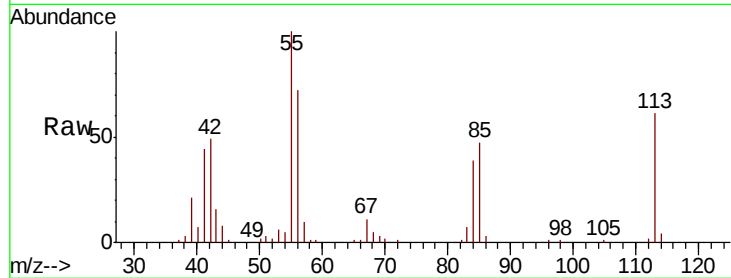
Tot Ion:113 Resp: 42113

Ion Ratio Lower Upper

113 100

55 165.1 144.2 184.2

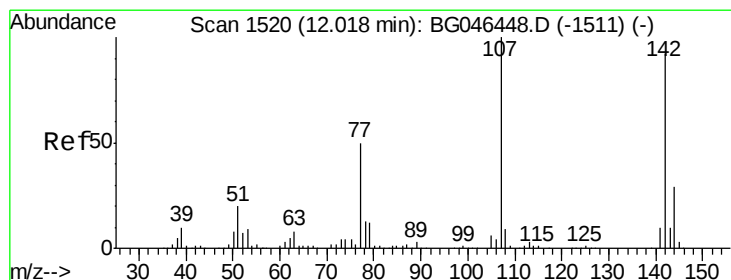
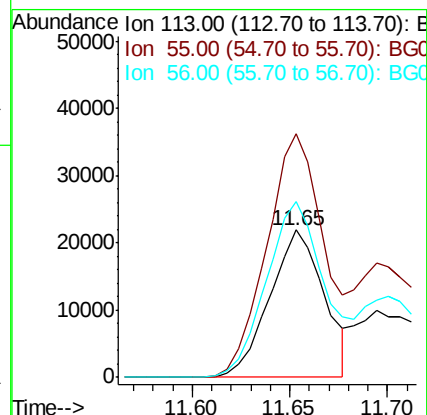
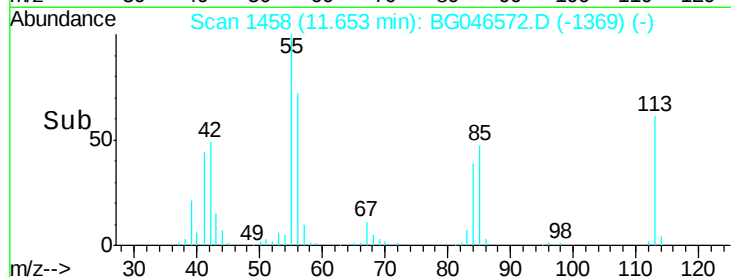
56 119.3 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.317 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

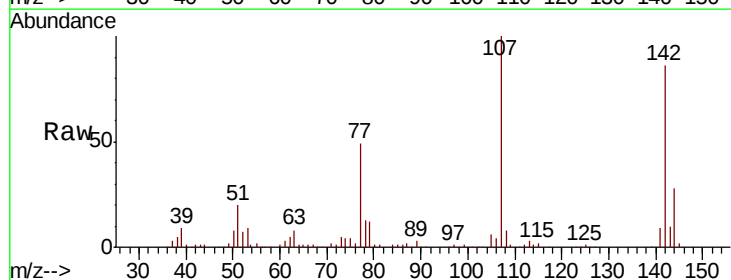
Tgt Ion:107 Resp: 213128

Ion Ratio Lower Upper

107 100

144 28.2 23.3 34.9

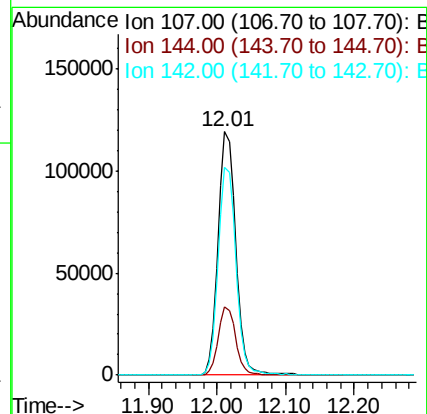
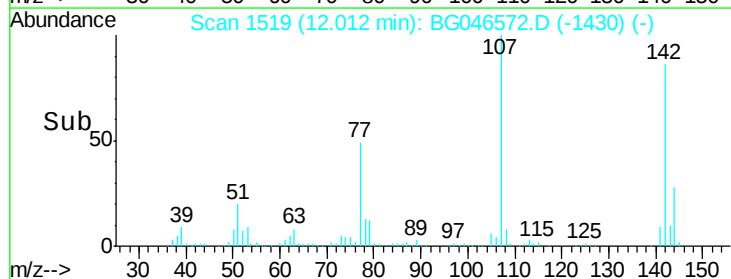
142 85.5 73.7 110.5

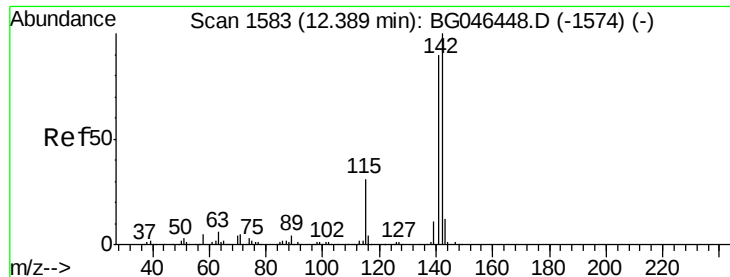


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

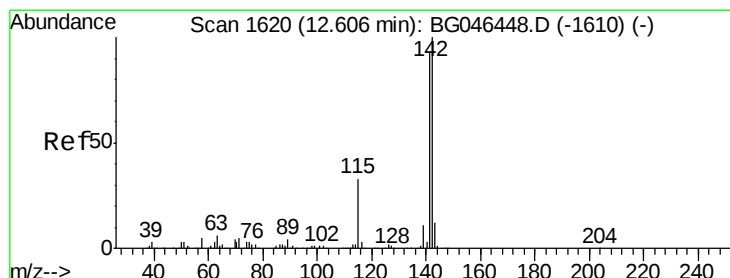
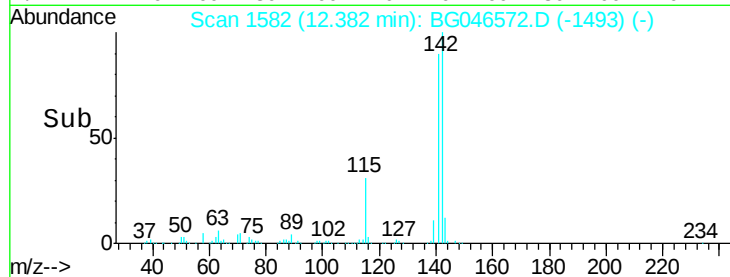
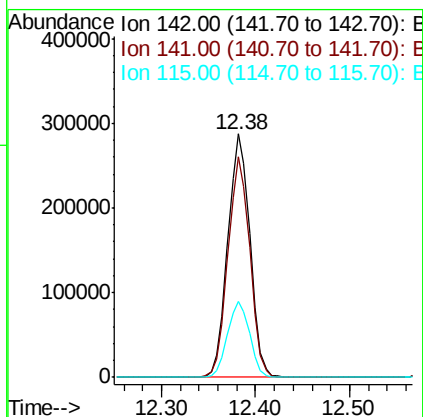
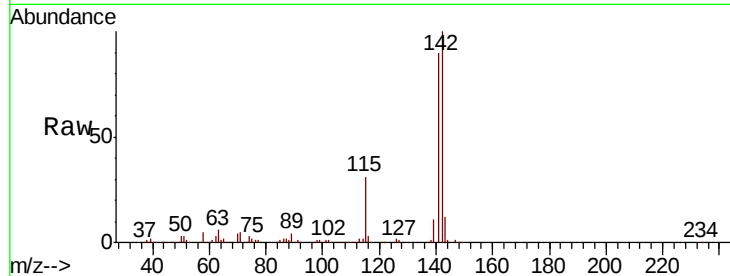




#37
2-Methylnaphthalene
Concen: 39.596 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

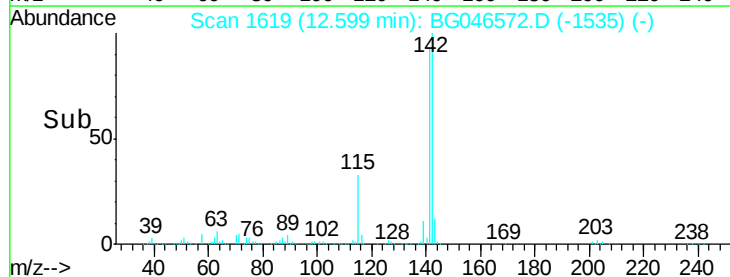
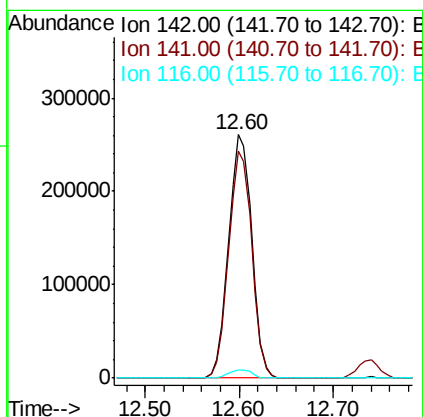
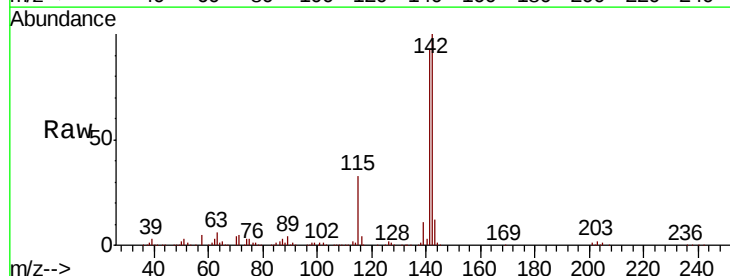
Instrument :
BNA_G
ClientSampleId :
PB131497BS

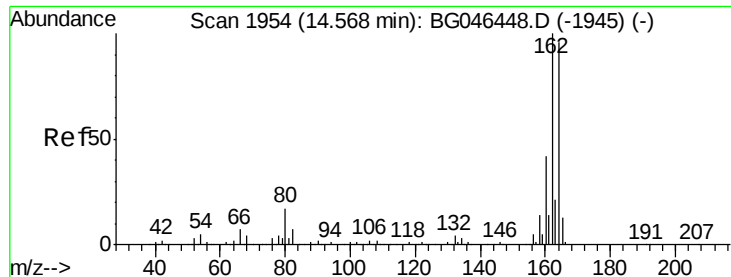
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.1	108.1
115	31.4	24.9	37.3



#38
1-Methylnaphthalene
Concen: 39.602 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.7	112.1
116	3.5	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

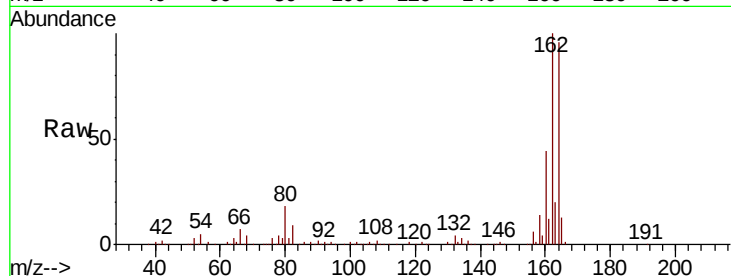
Tot Ion:164 Resp: 209538

Ion Ratio Lower Upper

164 100

162 104.6 83.3 124.9

160 46.1 35.0 52.6

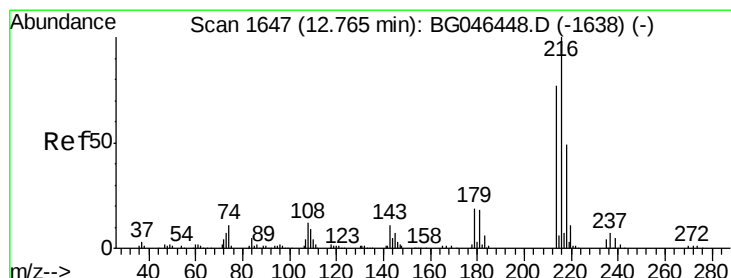
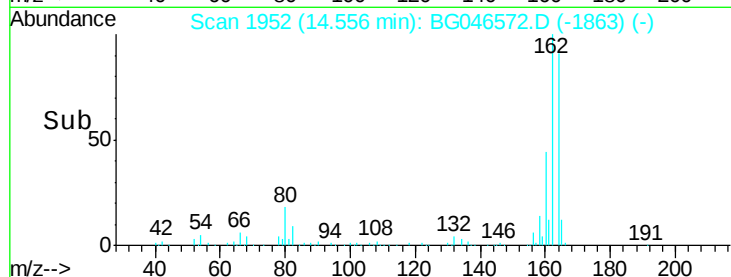
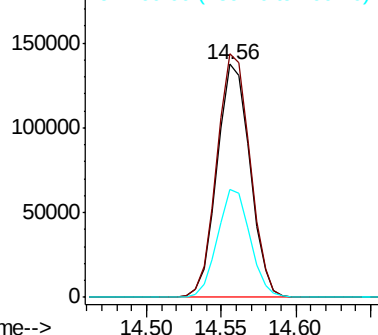


Abundance

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: 40.160 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:216 Resp: 277497

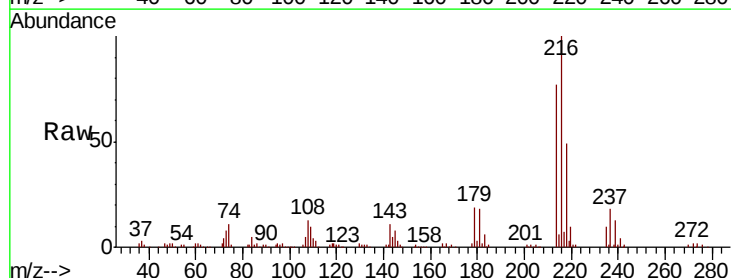
Ion Ratio Lower Upper

216 100

214 77.3 62.1 93.1

179 18.8 14.9 22.3

108 15.3 10.5 15.7



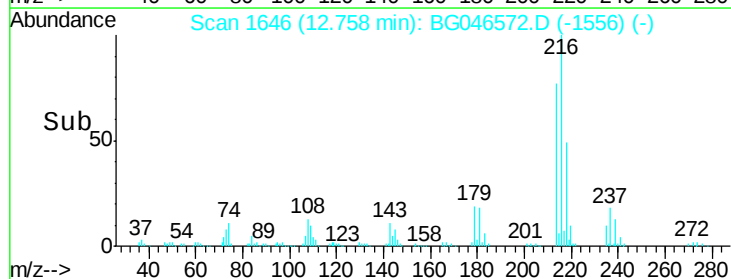
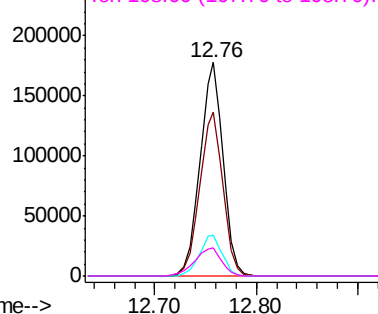
Abundance

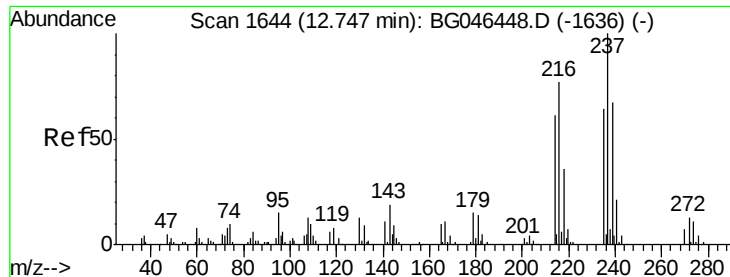
Ion 216.00 (215.70 to 216.70): E

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: 103.848 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

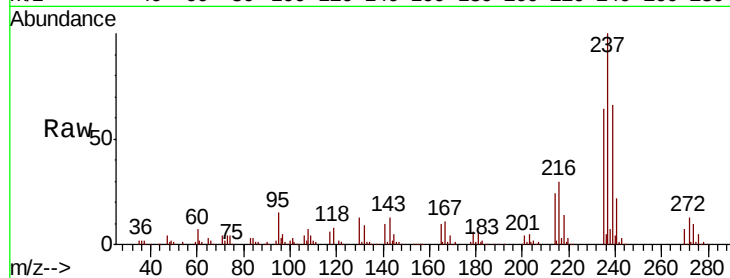
Tot Ion:237 Resp: 312015

Ion Ratio Lower Upper

237 100

235 63.7 44.5 84.5

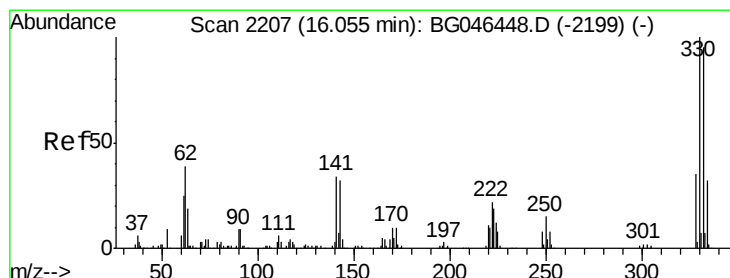
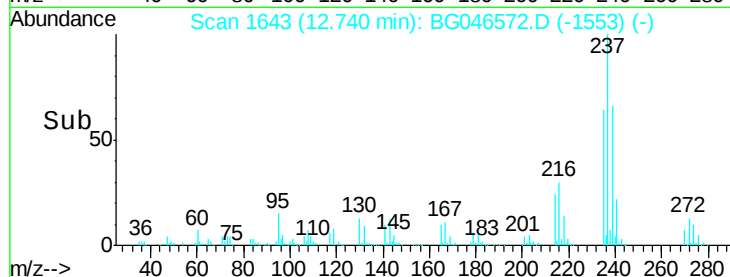
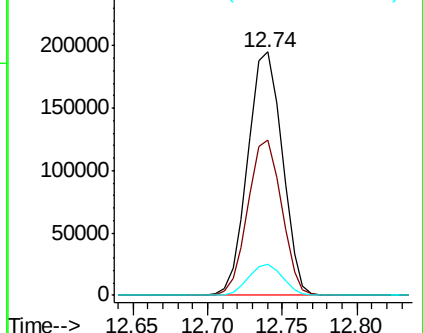
272 12.8 0.0 32.8



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: 95.006 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

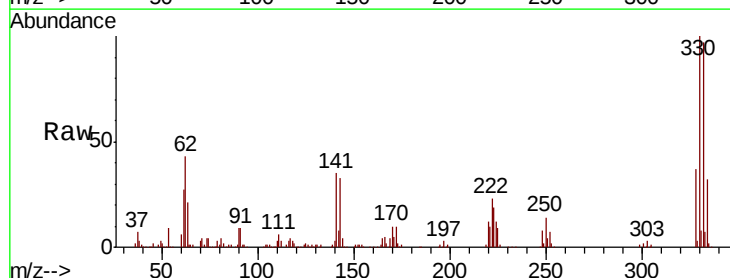
Tgt Ion:330 Resp: 269732

Ion Ratio Lower Upper

330 100

332 96.6 76.1 114.1

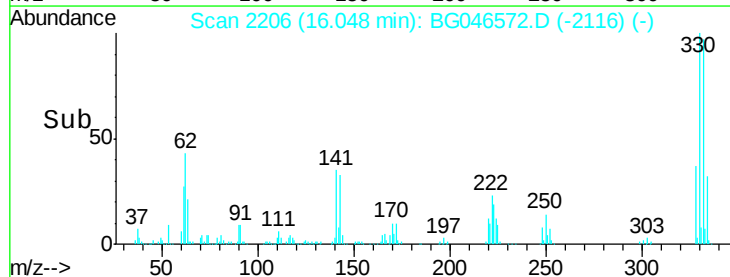
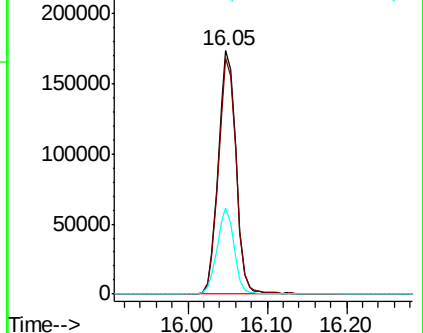
141 33.8 26.1 39.1

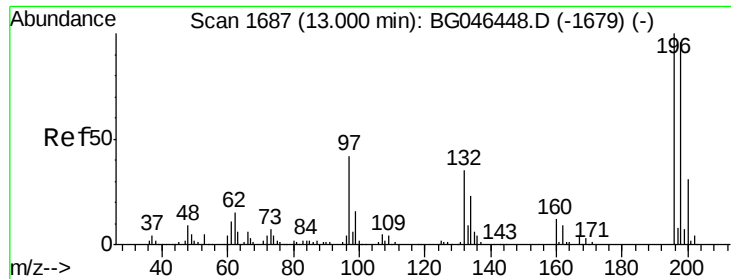


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

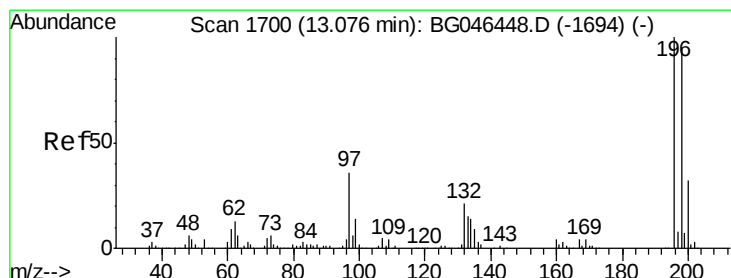
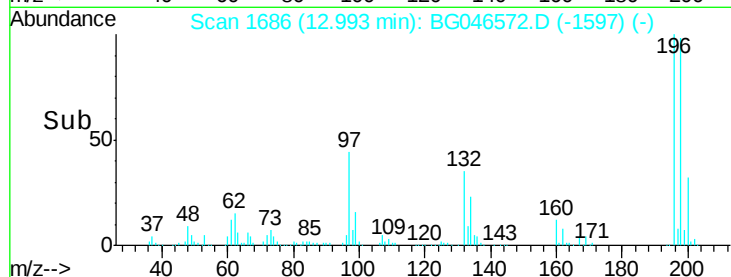
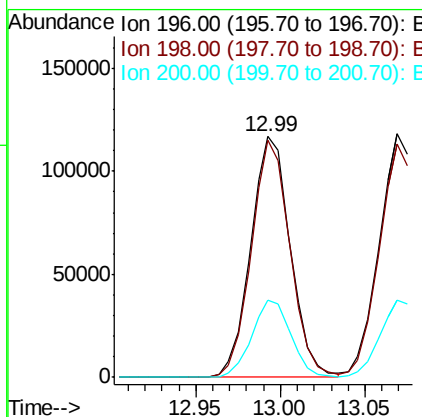
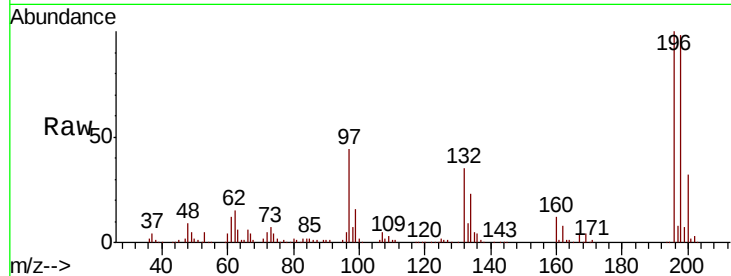




#43
 2,4,6-Trichlorophenol
 Concen: 40.814 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

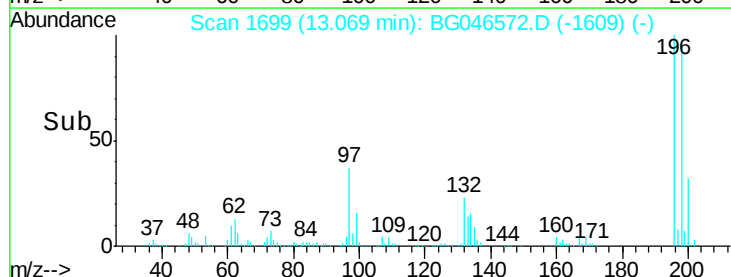
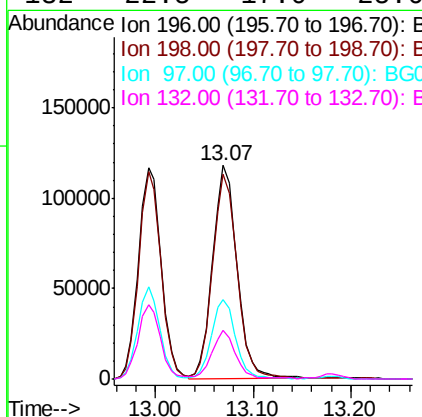
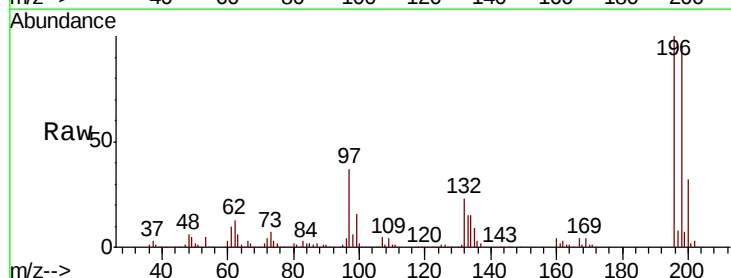
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

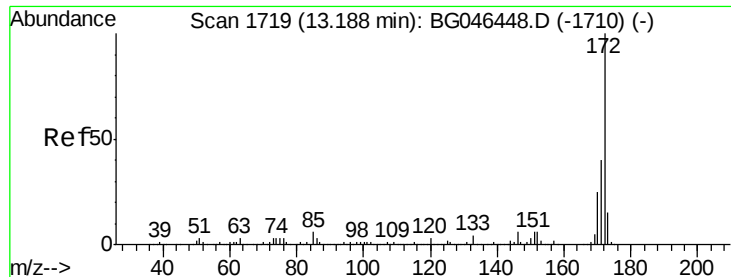
Tot Ion:196 Resp: 190315
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.0 115.6
 200 32.0 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.992 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion:196 Resp: 205728
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.6 113.4
 97 37.1 28.6 43.0
 132 22.5 17.0 25.6

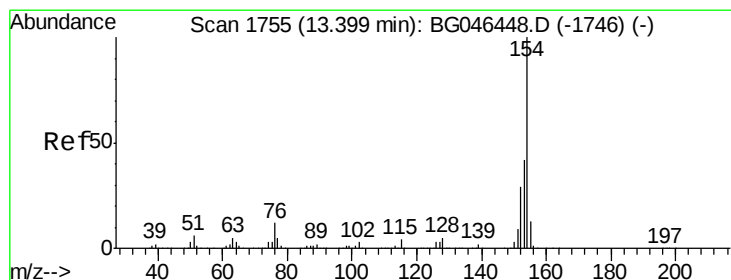
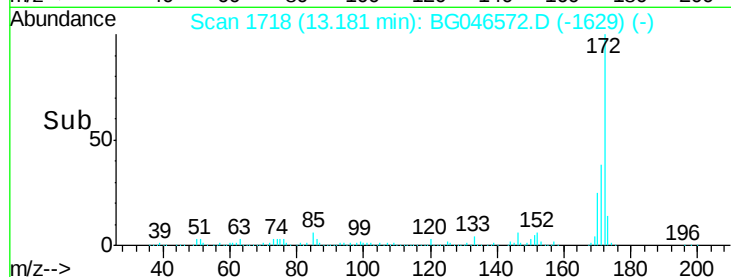
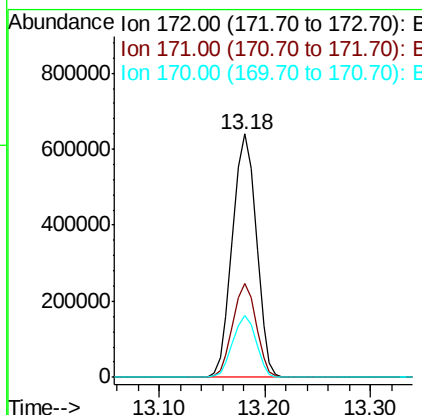
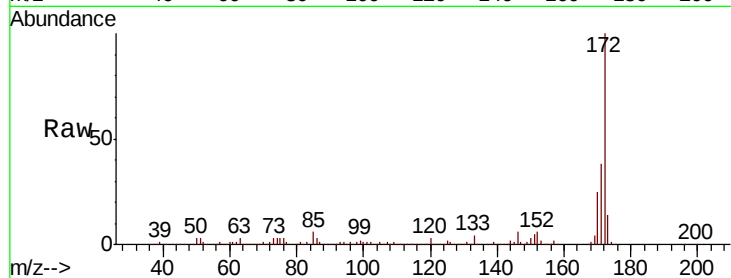




#45
 2-Fluorobiphenyl
 Concen: 73.147 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

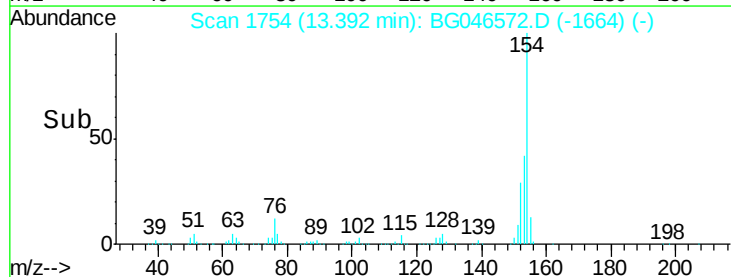
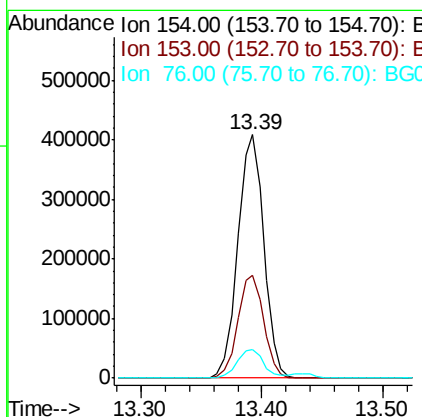
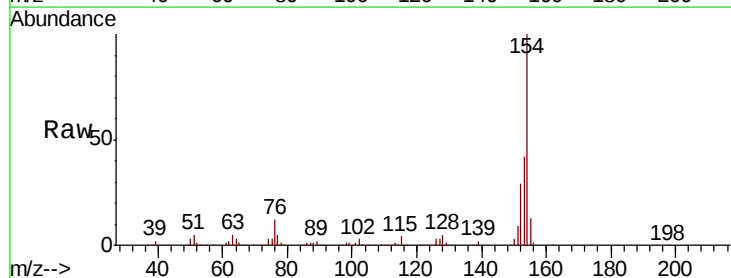
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

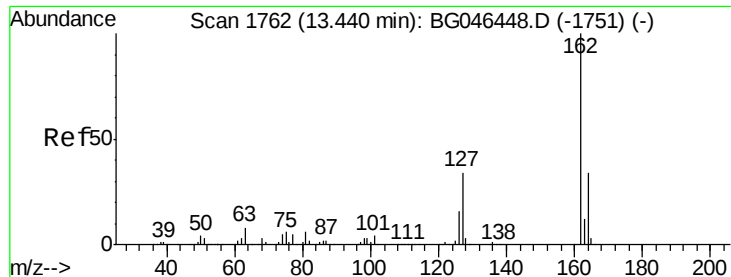
Tot Ion:172 Resp: 1004029
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.8 47.6
 170 25.3 20.3 30.5



#46
 1,1'-Biphenyl
 Concen: 42.085 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion:154 Resp: 613542
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.0 62.0
 76 11.9 0.0 32.3





#47

2-Chloronaphthalene

Concen: 38.403 ng

RT: 13.43 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

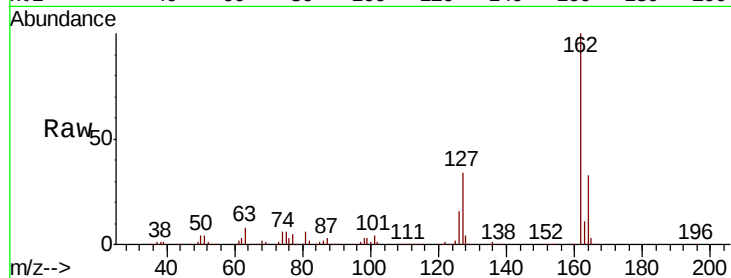
Tot Ion:162 Resp: 474683

Ion Ratio Lower Upper

162 100

127 34.1 27.6 41.4

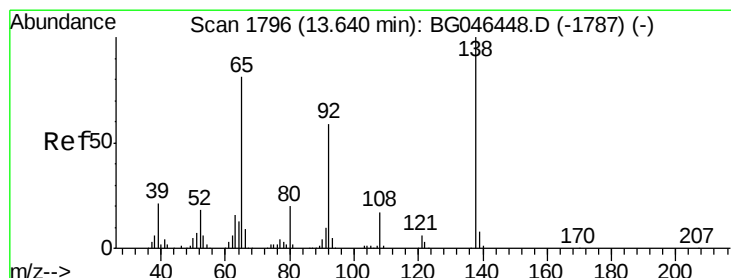
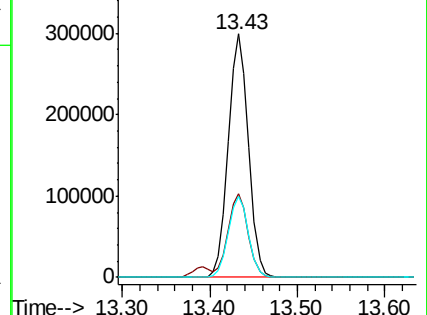
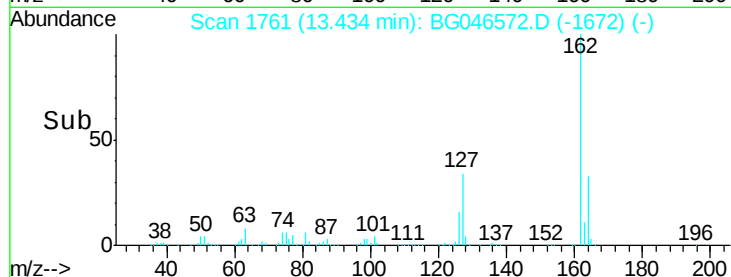
164 33.5 27.3 40.9



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: 39.113 ng

RT: 13.63 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

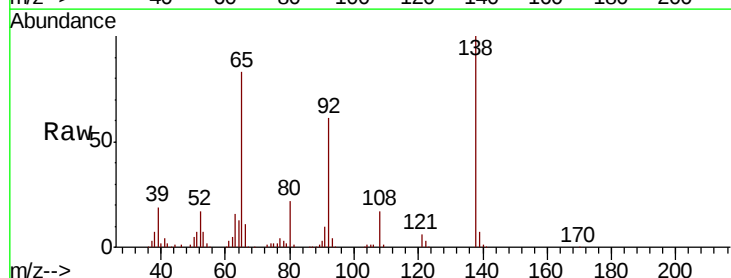
Tgt Ion: 65 Resp: 134245

Ion Ratio Lower Upper

65 100

92 73.4 58.5 87.7

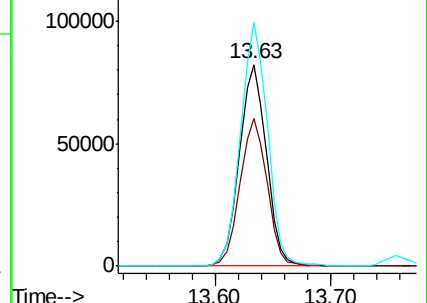
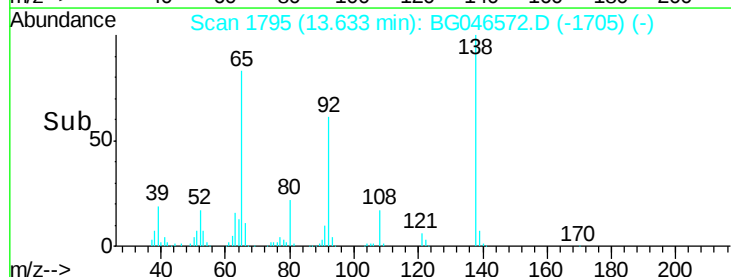
138 120.6 98.4 147.6

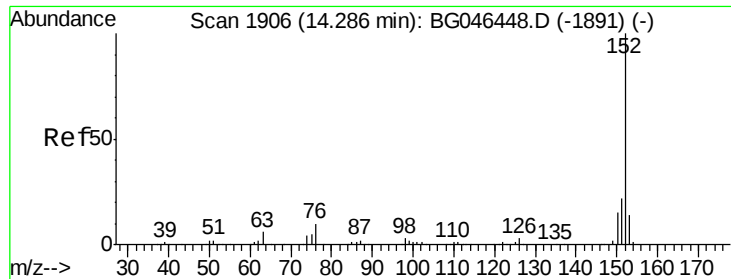


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.174 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

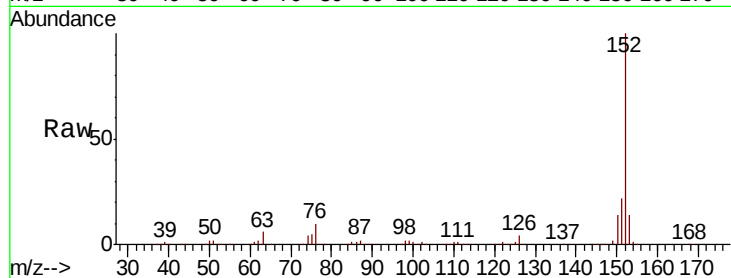
Tot Ion:152 Resp: 772003

Ion Ratio Lower Upper

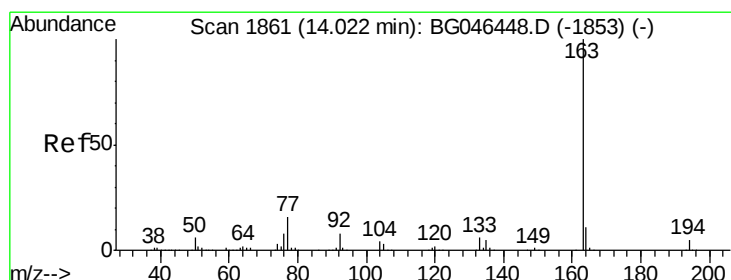
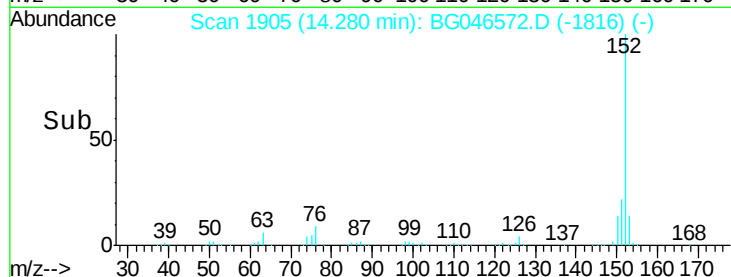
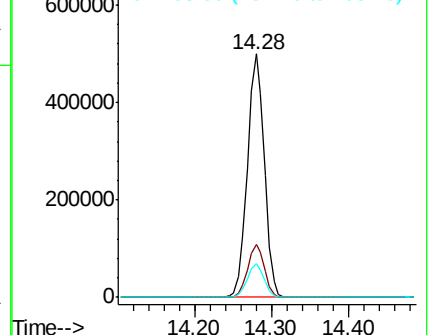
152 100

151 21.5 17.7 26.5

153 14.0 11.2 16.8



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



#50

Dimethylphthalate

Concen: 38.731 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

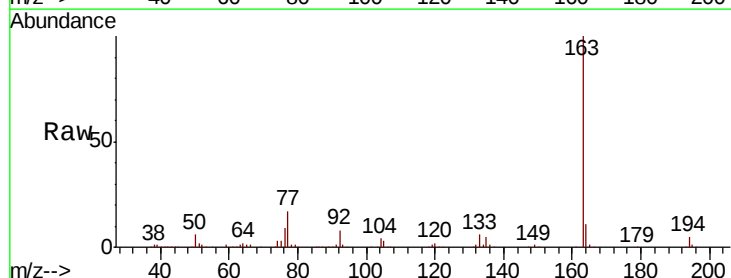
Tgt Ion:163 Resp: 627867

Ion Ratio Lower Upper

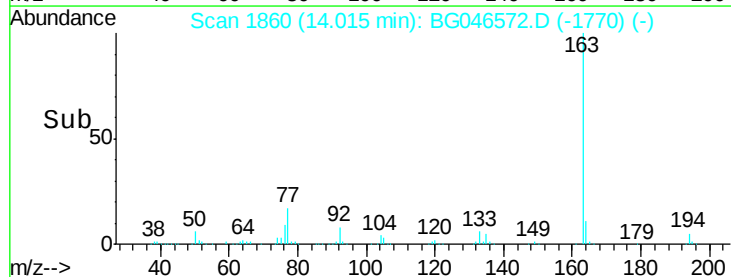
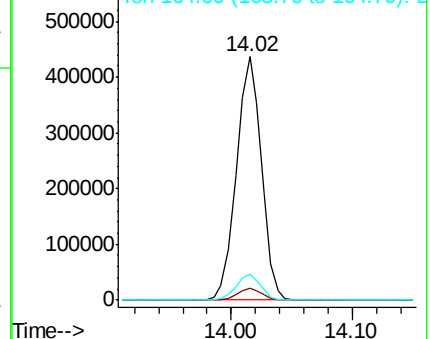
163 100

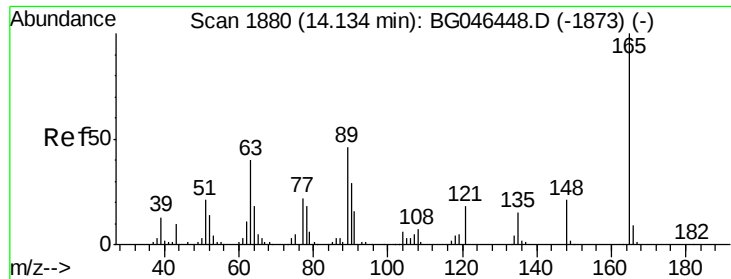
194 4.7 3.7 5.5

164 10.7 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.639 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

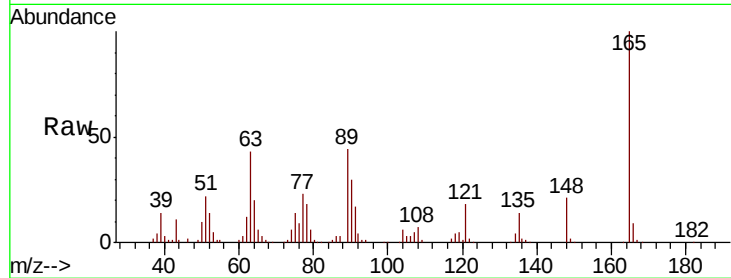
Tot Ion:165 Resp: 145219

Ion Ratio Lower Upper

165 100

63 43.2 34.2 51.4

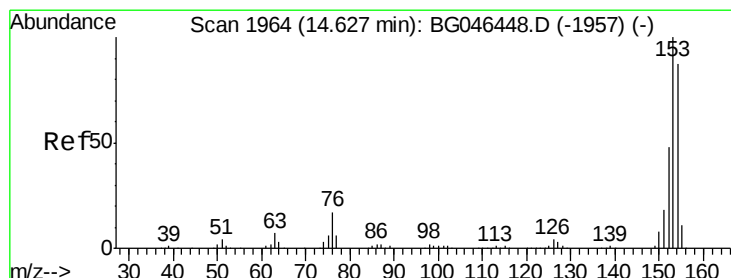
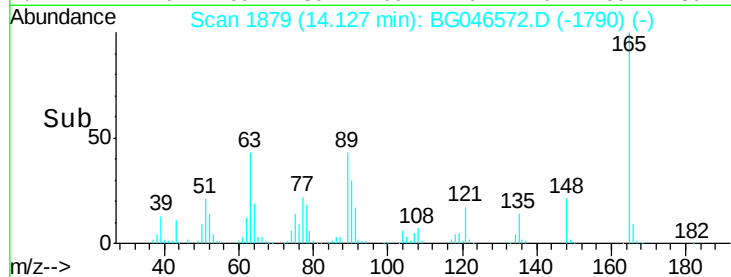
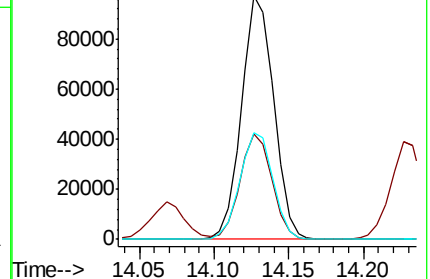
89 43.6 37.0 55.4



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: 39.300 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

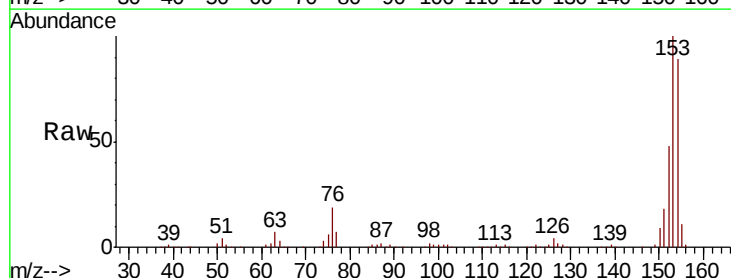
Tgt Ion:154 Resp: 456629

Ion Ratio Lower Upper

154 100

153 112.8 91.9 137.9

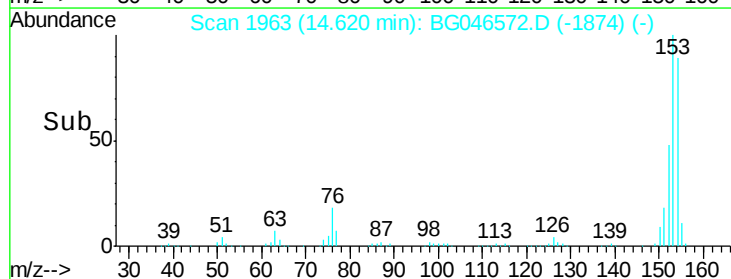
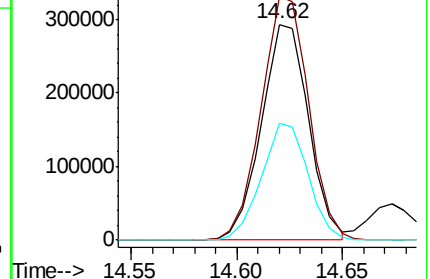
152 54.3 43.8 65.6

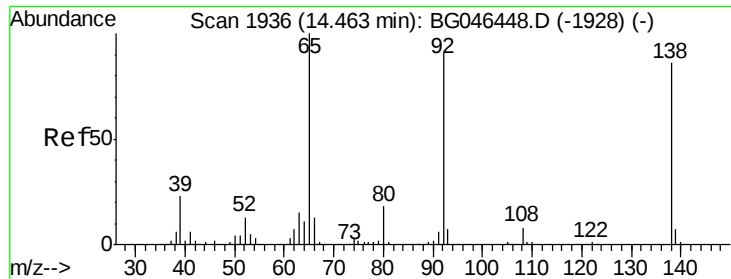


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.664 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

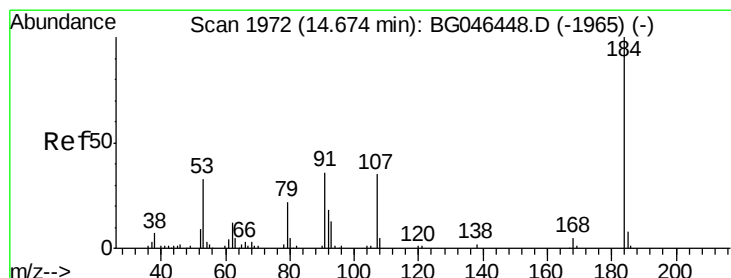
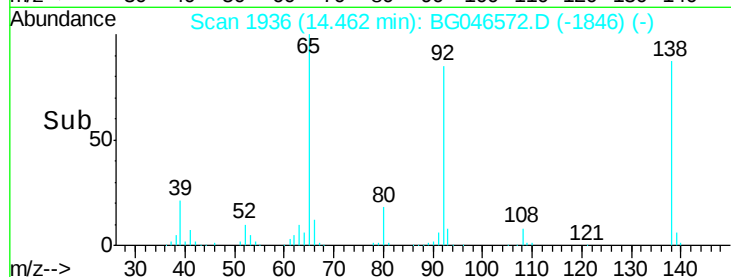
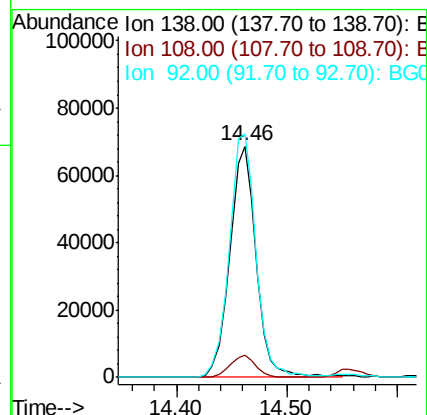
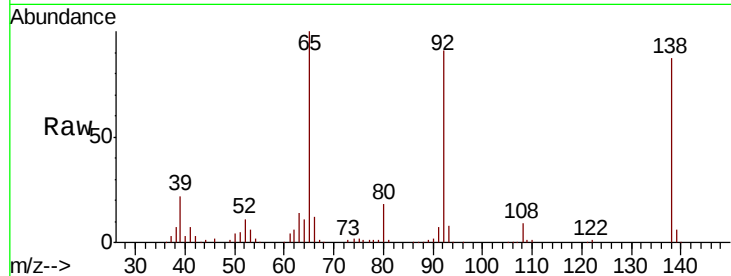
Tot Ion:138 Resp: 114822

Ion Ratio Lower Upper

138 100

108 9.8 7.0 10.6

92 105.3 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 74.206 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

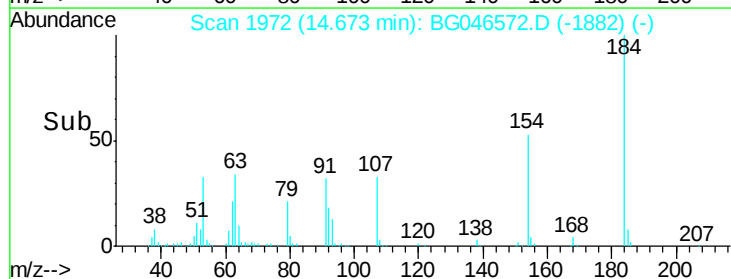
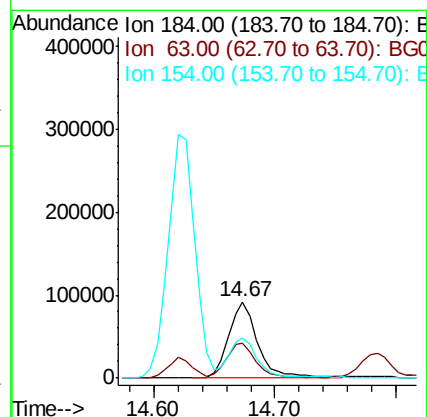
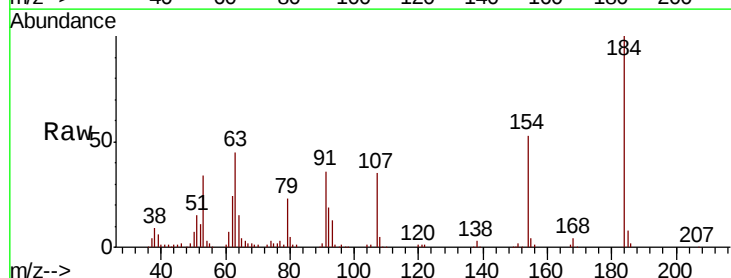
Tgt Ion:184 Resp: 154783

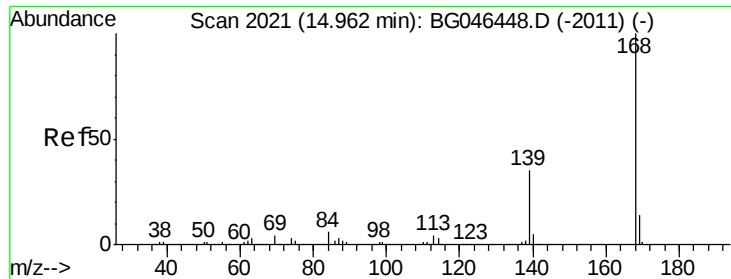
Ion Ratio Lower Upper

184 100

63 45.3 35.6 53.4

154 52.8 44.3 66.5

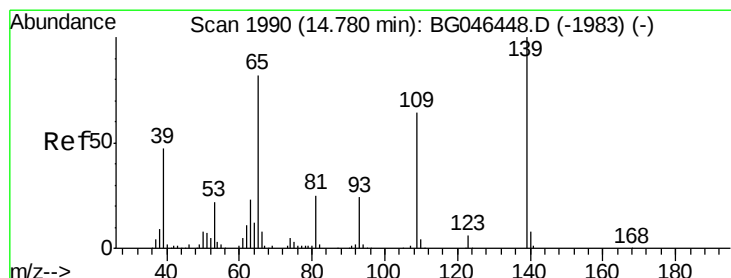
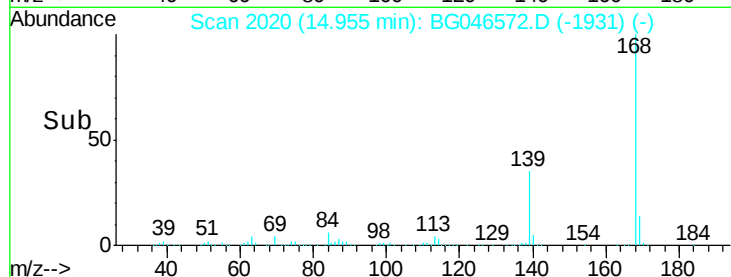
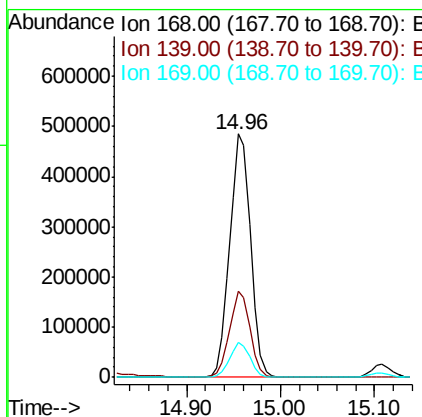
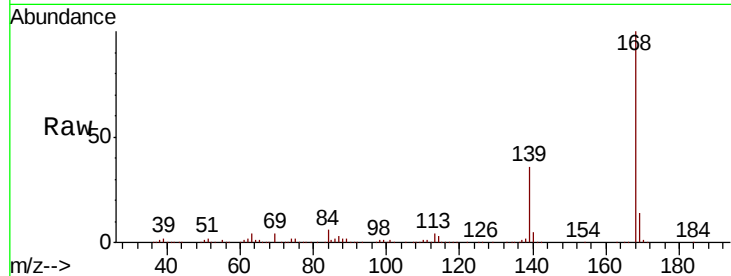




#55
Dibenzofuran
Concen: 39.890 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

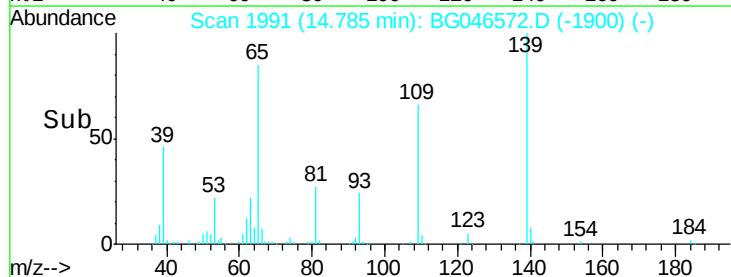
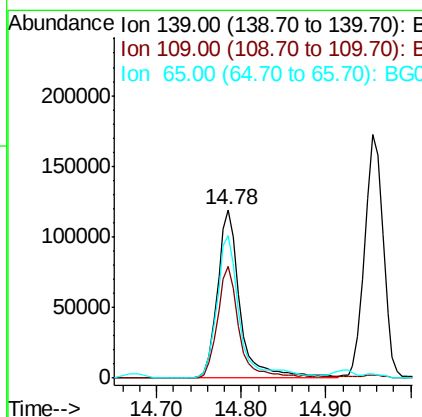
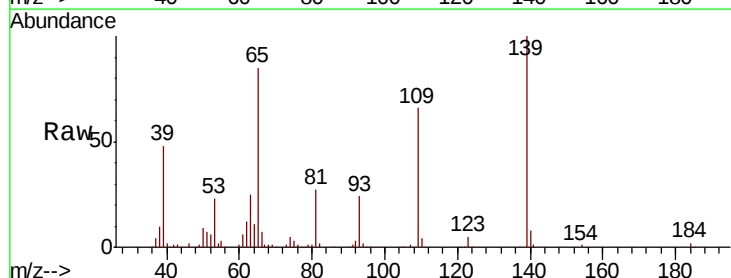
Instrument :
BNA_G
ClientSampleId :
PB131497BS

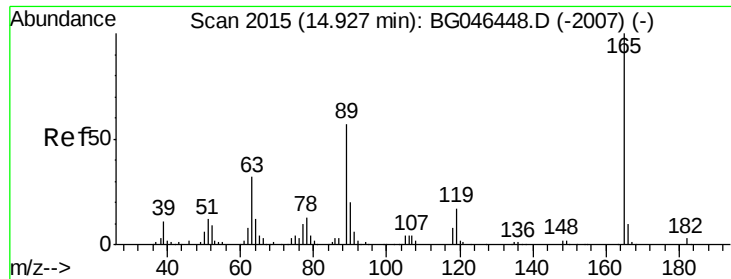
Tot Ion:168 Resp: 743817
Ion Ratio Lower Upper
168 100
139 35.5 28.1 42.1
169 14.3 11.5 17.3



#56
4-Nitrophenol
Concen: 78.625 ng
RT: 14.78 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:139 Resp: 223980
Ion Ratio Lower Upper
139 100
109 66.4 44.3 84.3
65 84.7 61.5 101.5

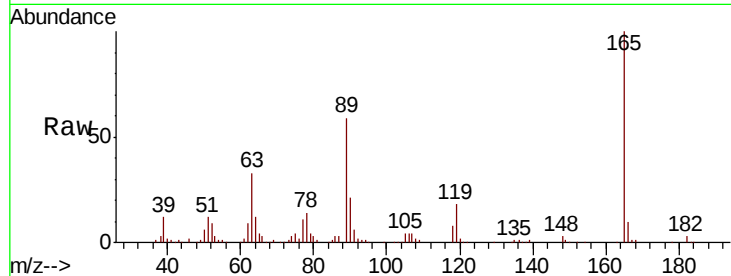




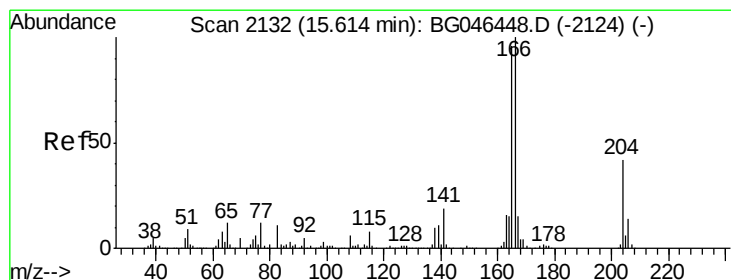
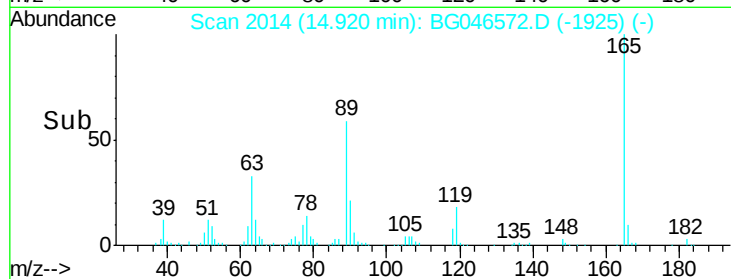
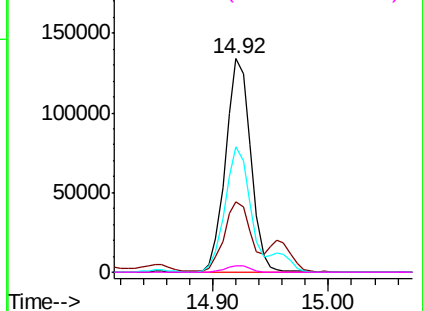
#57
 2,4-Dinitrotoluene
 Concen: 39.673 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion:165	Resp:	202147
Ion	Ratio	Lower Upper
165	100	
63	33.0	25.4 38.0
89	58.6	45.9 68.9
182	3.1	2.3 3.5

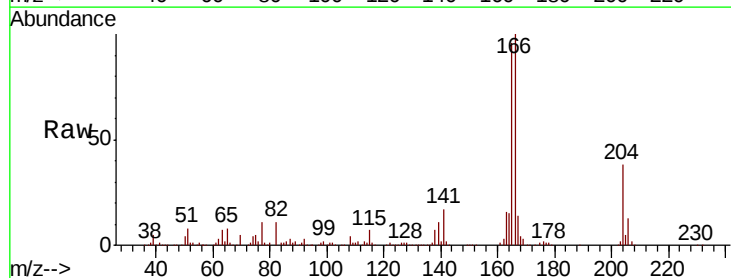


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

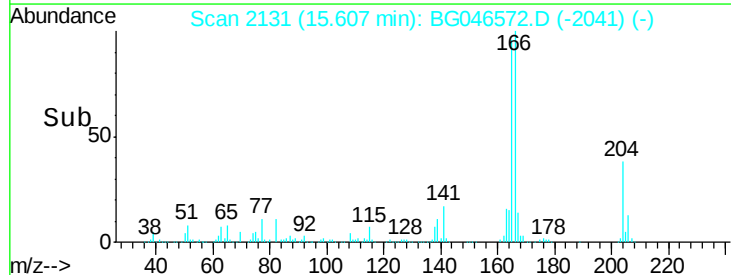
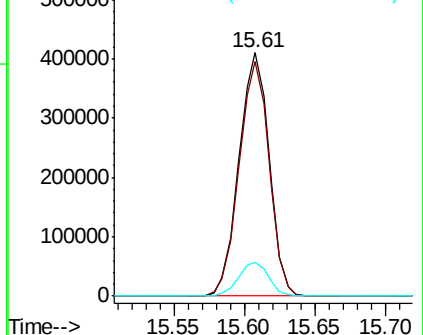


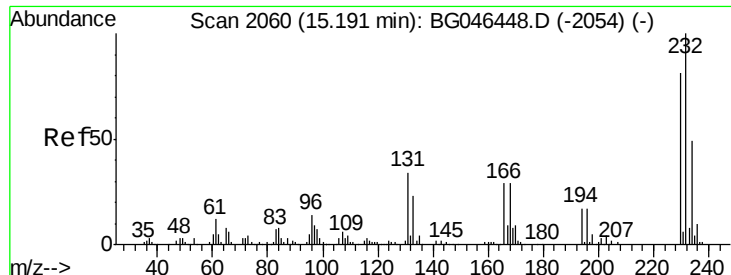
#58
 Fluorene
 Concen: 39.160 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion:166	Resp:	612862
Ion	Ratio	Lower Upper
166	100	
165	96.1	77.0 115.4
167	14.0	11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.184 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

Tot Ion:232 Resp: 195932

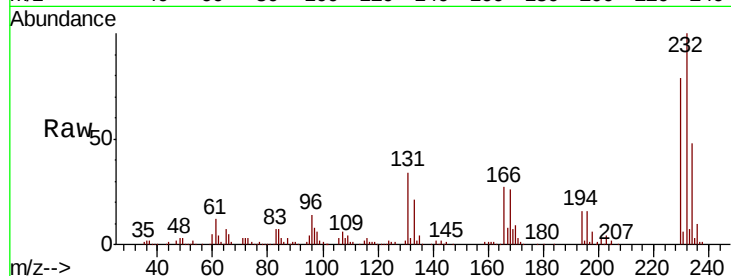
Ion Ratio Lower Upper

232 100

131 33.8 26.8 40.2

130 1.8 1.4 2.2

166 26.5 22.8 34.2

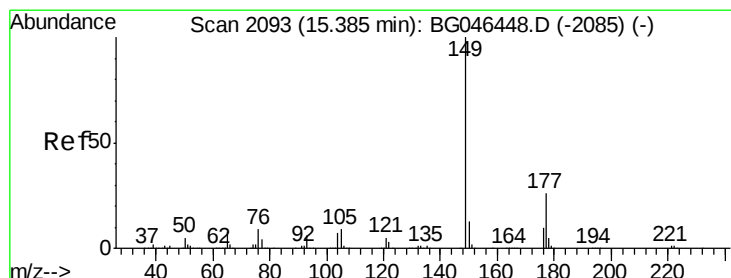
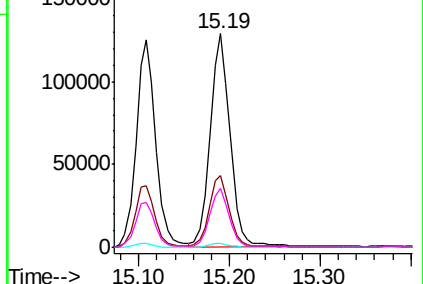
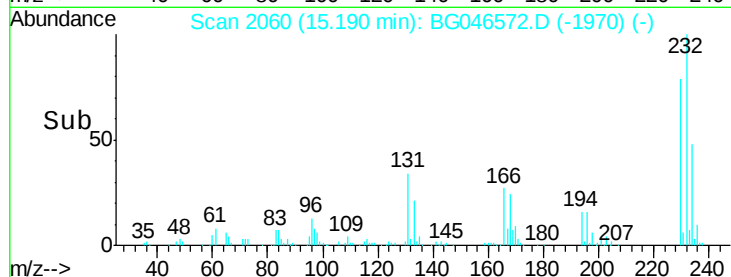


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.921 ng

RT: 15.38 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

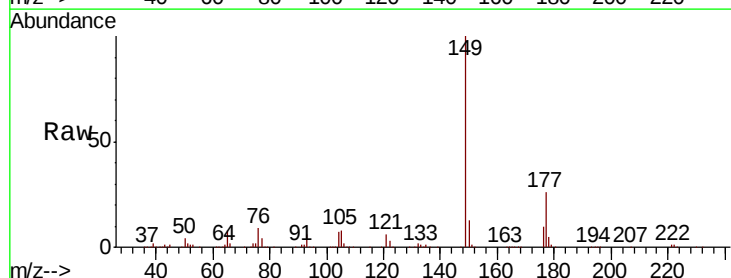
Tgt Ion:149 Resp: 615161

Ion Ratio Lower Upper

149 100

177 25.8 20.6 30.8

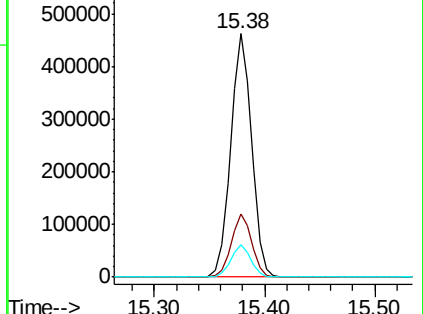
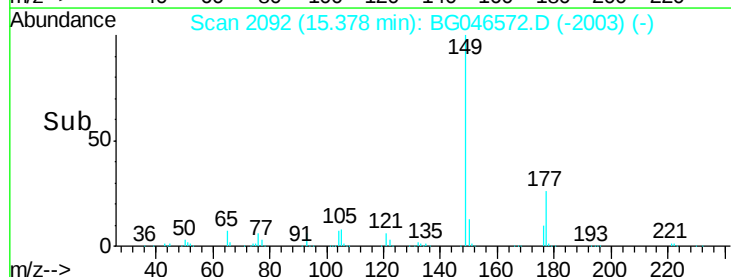
150 13.2 10.3 15.5

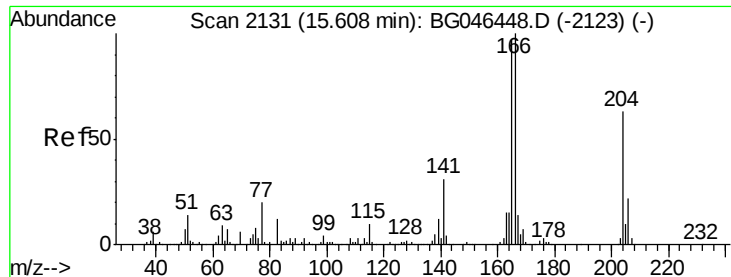


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

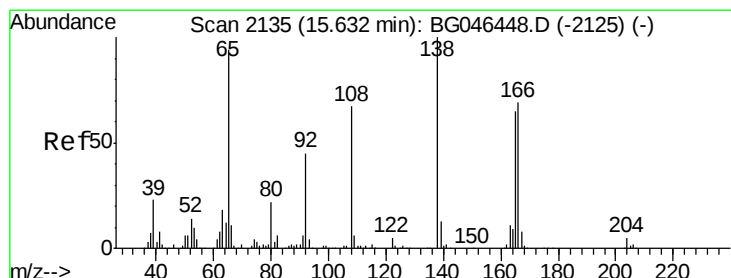
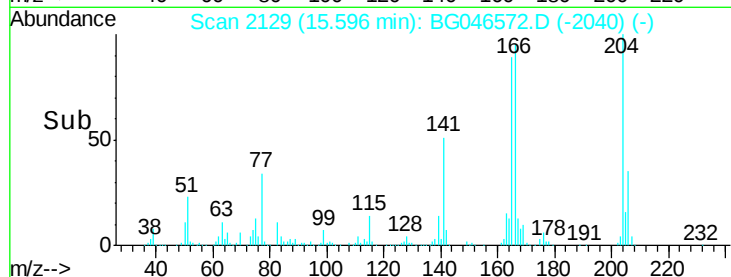
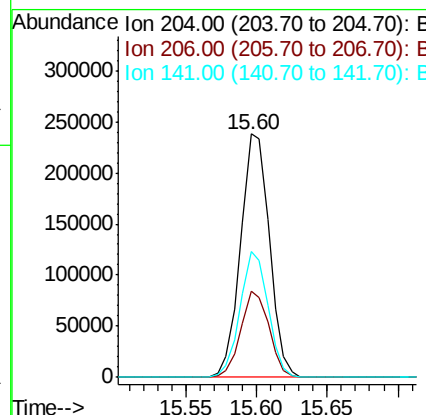
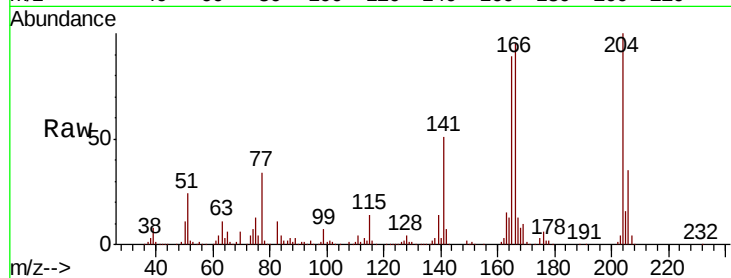




#61
 4-Chlorophenyl-phenylether
 Concen: 39.400 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

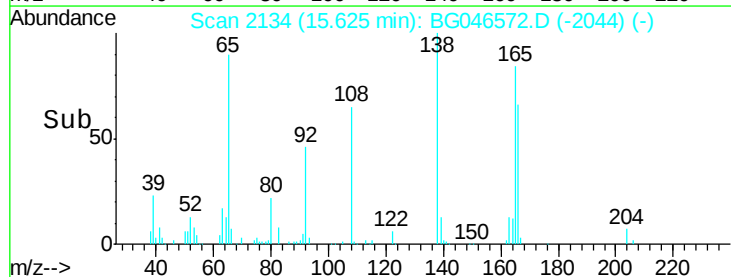
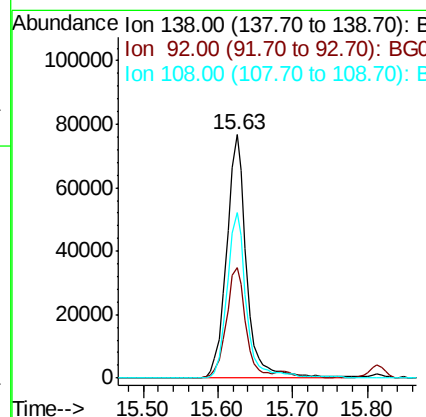
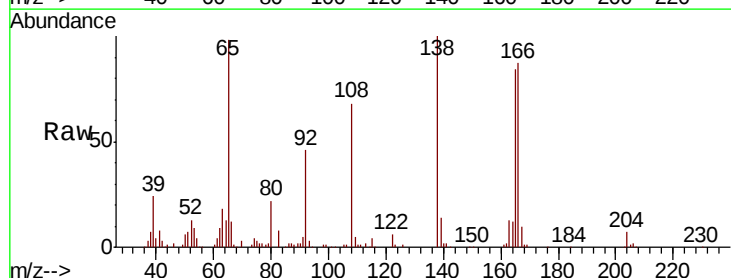
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

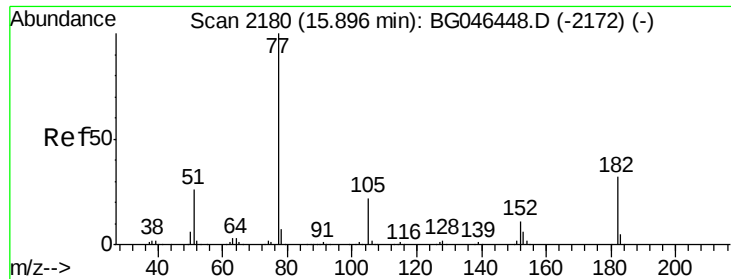
Tot Ion:204 Resp: 339589
 Ion Ratio Lower Upper
 204 100
 206 35.5 27.7 41.5
 141 51.5 38.7 58.1



#62
 4-Nitroaniline
 Concen: 35.029 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion:138 Resp: 143069
 Ion Ratio Lower Upper
 138 100
 92 45.6 25.3 65.3
 108 67.9 46.7 86.7

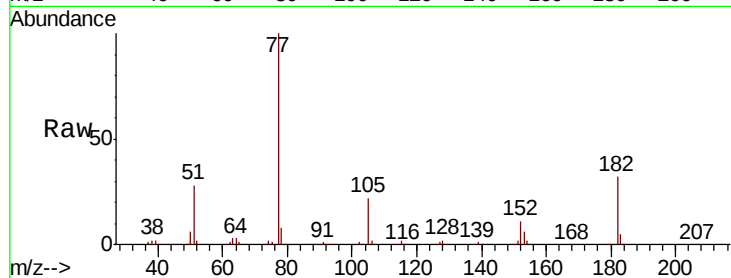




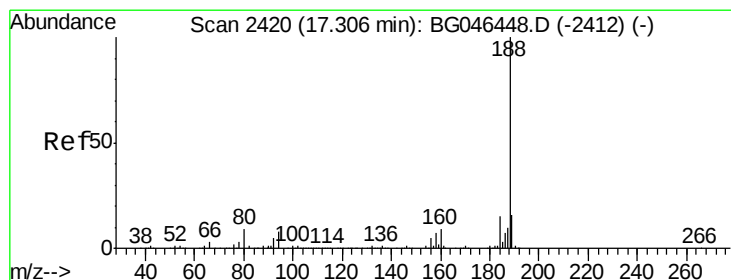
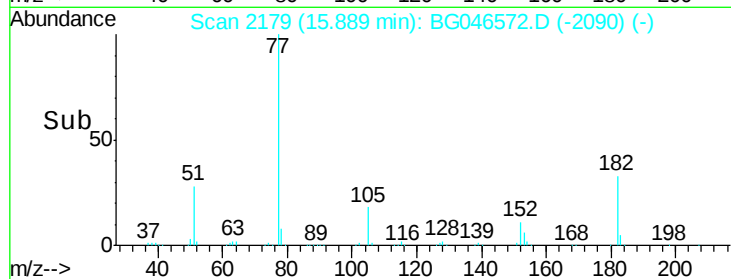
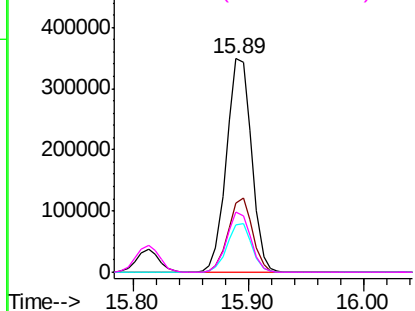
#63
Azobenzene
Concen: 40.540 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion:	77	Resp:	521216
Ion	Ratio	Lower	Upper
77	100		
182	32.5	12.3	52.3
105	22.2	2.3	42.3
51	28.2	6.5	46.5

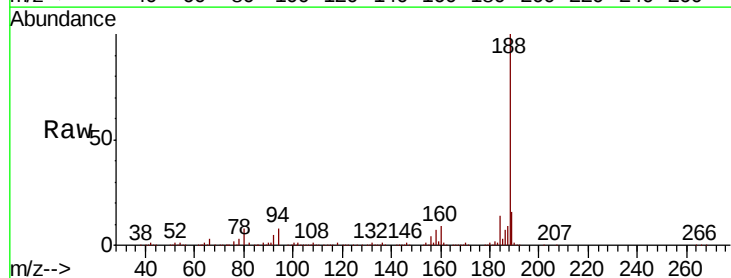


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

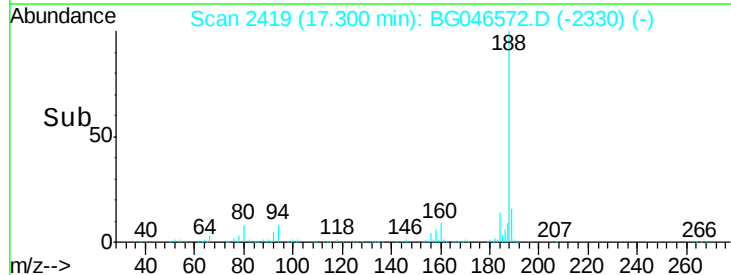
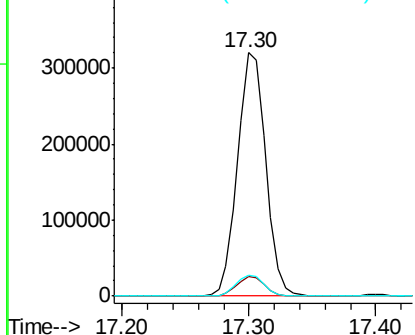


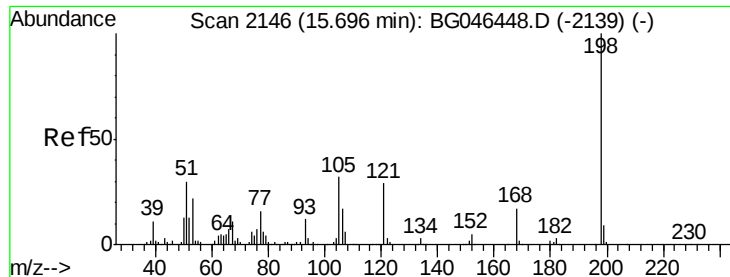
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:	188	Resp:	491133
Ion	Ratio	Lower	Upper
188	100		
94	8.2	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

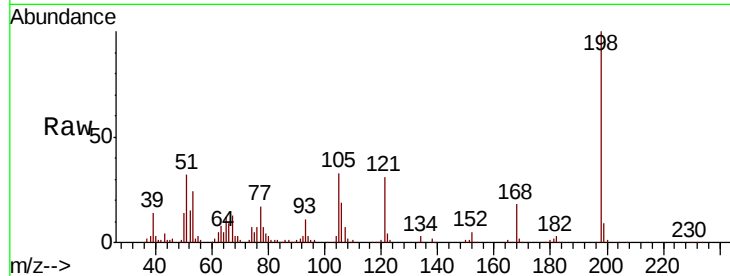




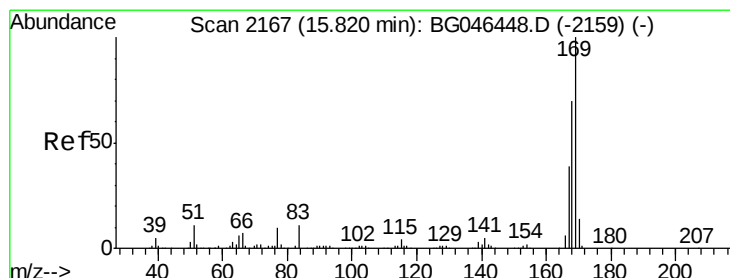
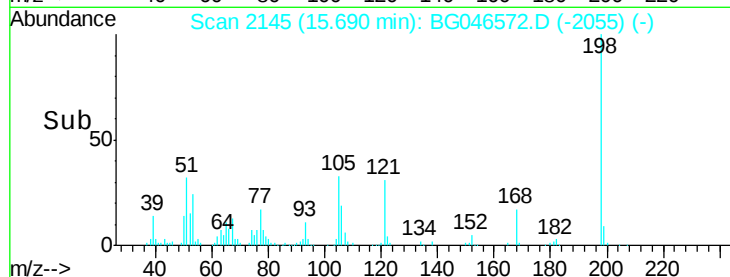
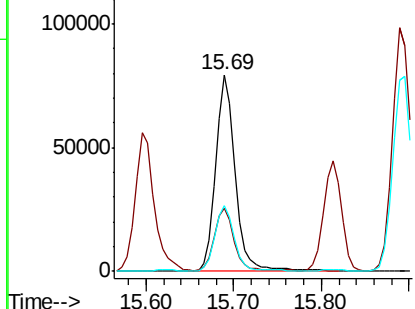
#65
4,6-Dinitro-2-methylphenol
Concen: 44.490 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.9	10.4	50.4
105	33.3	12.4	52.4

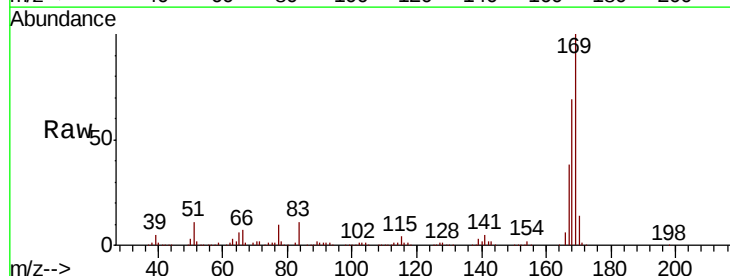


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

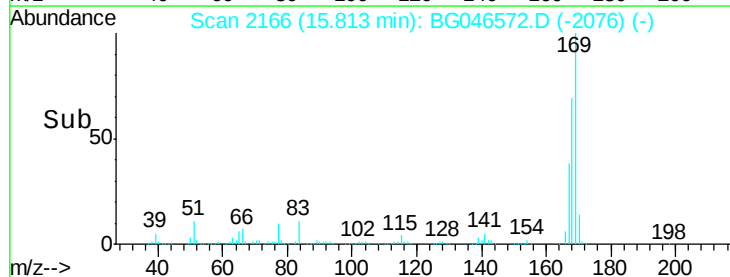
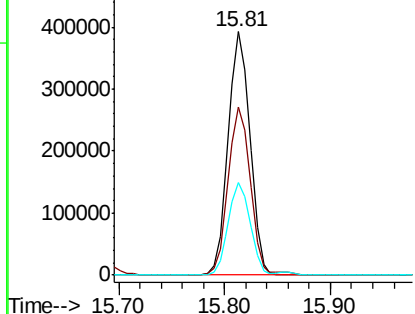


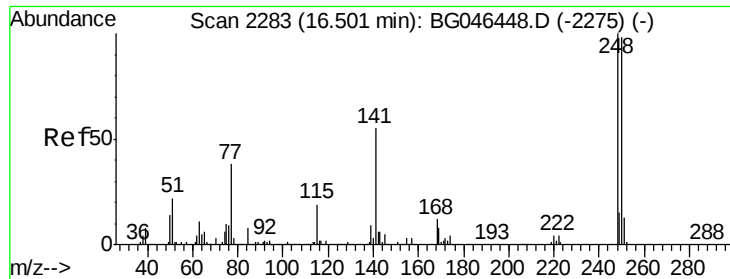
#66
n-Nitrosodiphenylamine
Concen: 42.278 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.8	83.8
167	37.9	31.0	46.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

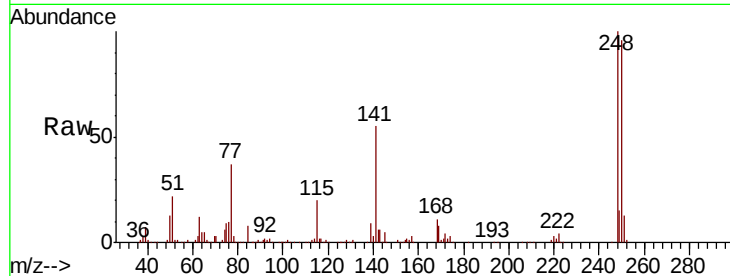




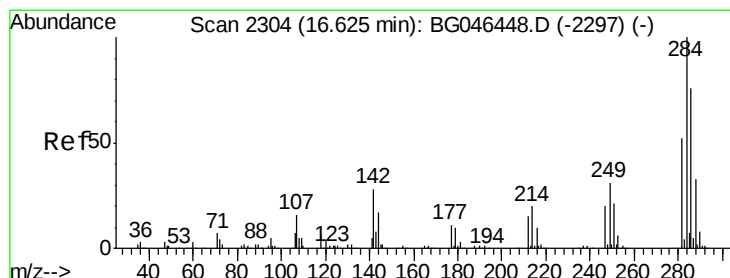
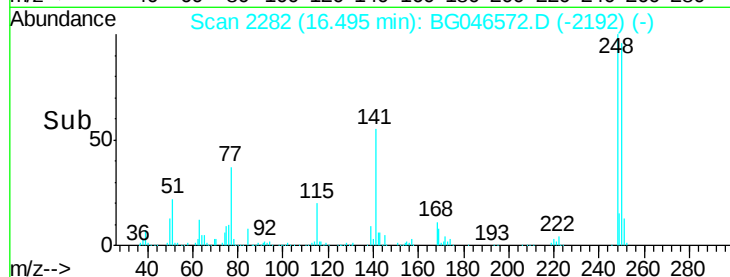
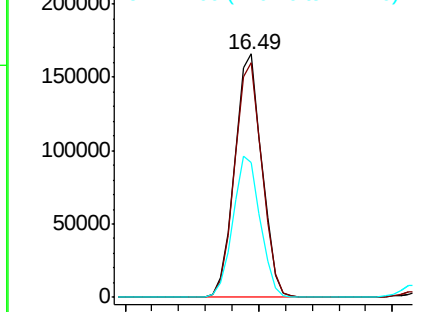
#67
4-Bromophenyl-phenylether
Concen: 41.010 ng
RT: 16.49 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	118.0
141	55.2	43.9	65.9

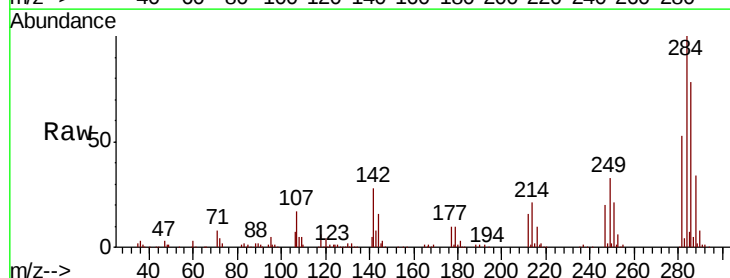


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

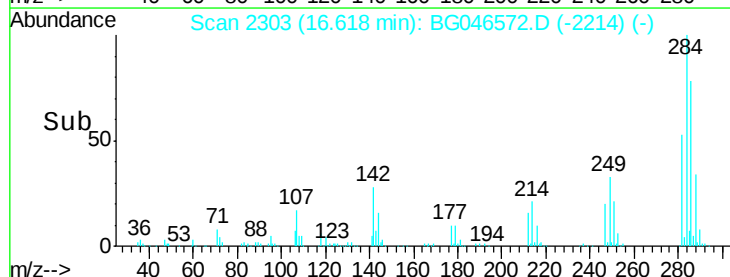
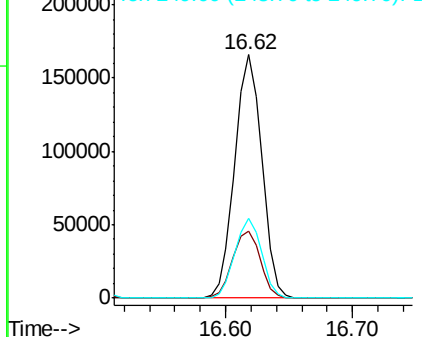


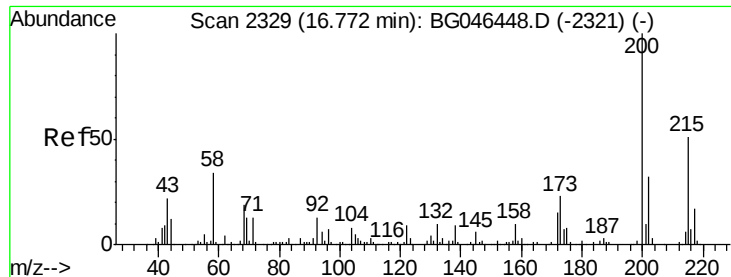
#68
Hexachlorobenzene
Concen: 38.624 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	22.3	33.5
249	32.5	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: 37.485 ng

RT: 16.76 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

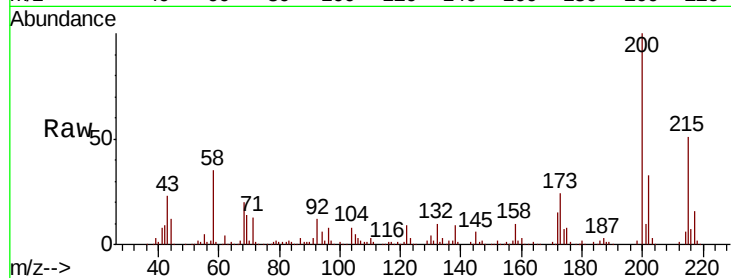
Tot Ion:200 Resp: 202614

Ion Ratio Lower Upper

200 100

173 23.9 3.3 43.3

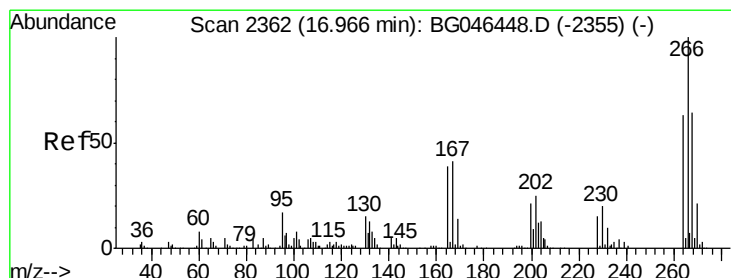
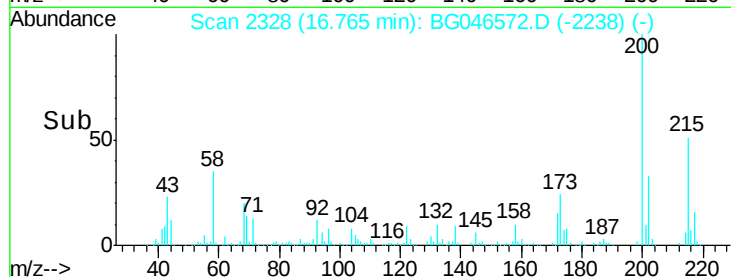
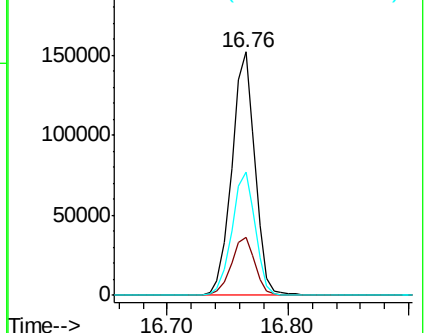
215 50.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.466 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

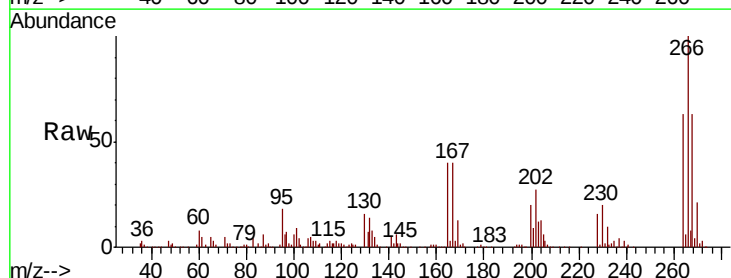
Tgt Ion:266 Resp: 270104

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

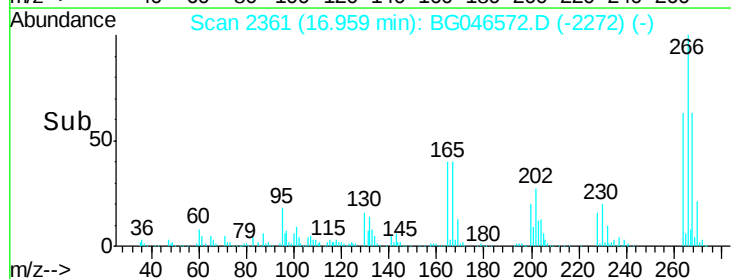
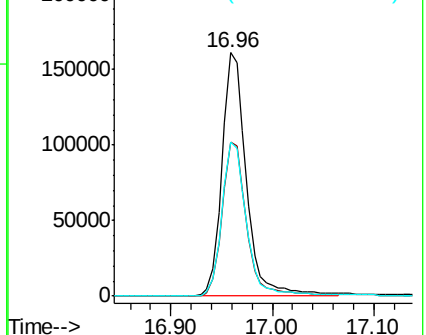
264 63.5 50.2 75.2

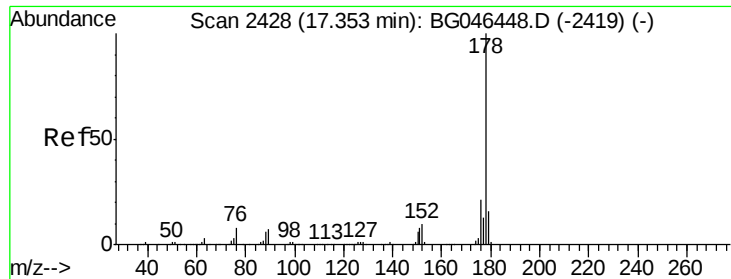


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

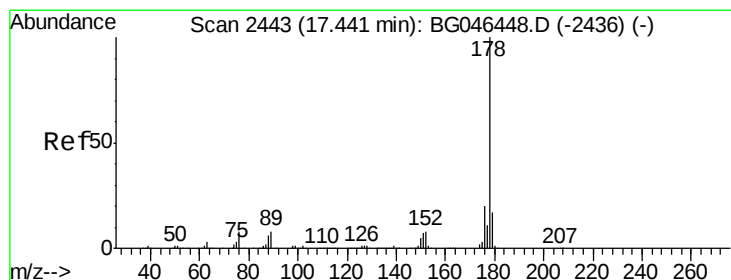
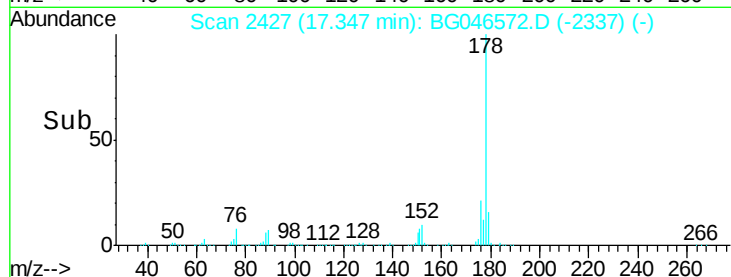
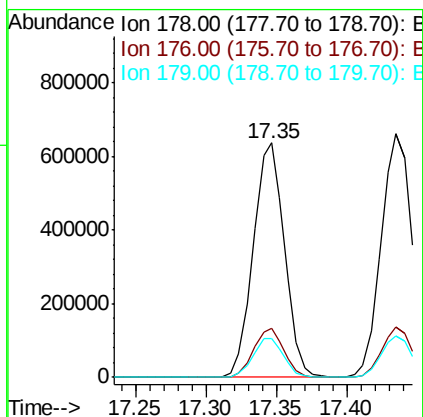
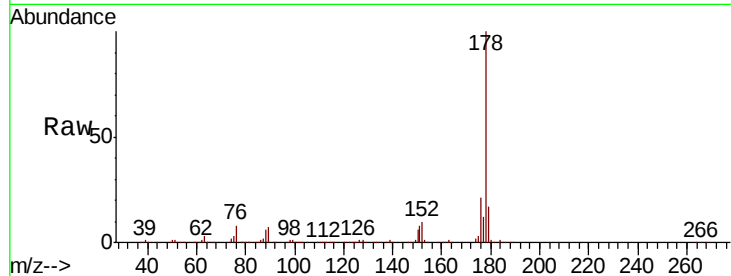




#71
Phenanthrene
Concen: 39.740 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

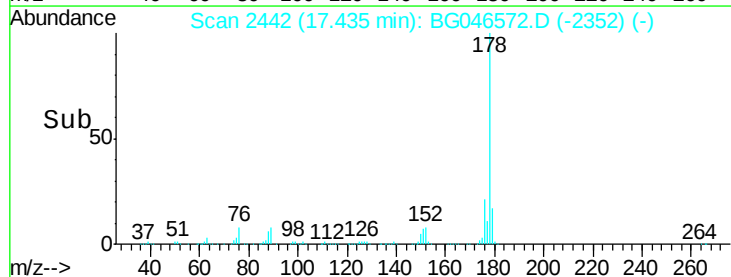
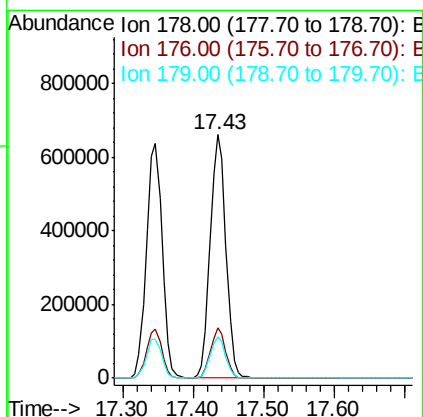
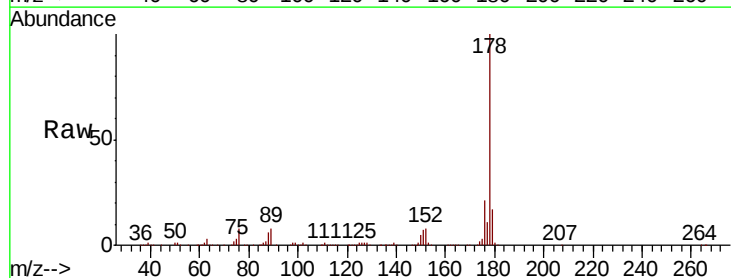
Instrument :
BNA_G
ClientSampleId :
PB131497BS

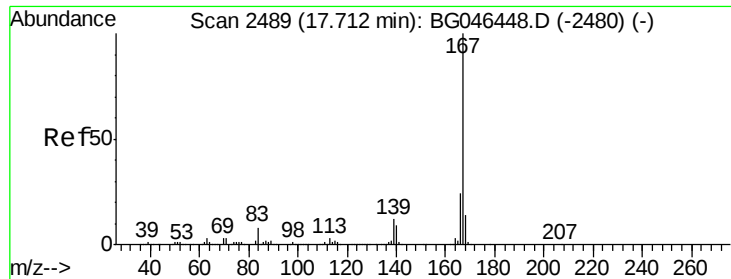
Tot Ion:178 Resp: 989278
Ion Ratio Lower Upper
178 100
176 20.7 16.8 25.2
179 16.6 13.2 19.8



#72
Anthracene
Concen: 41.658 ng
RT: 17.43 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:178 Resp: 1023179
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.9 13.3 19.9

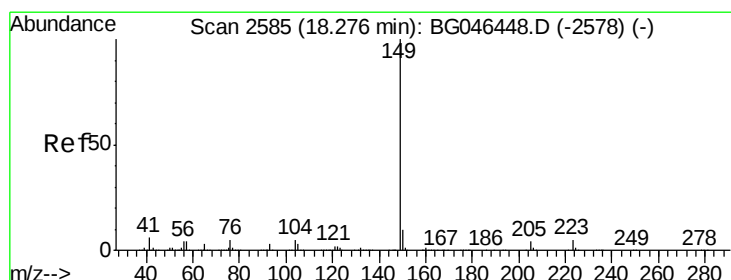
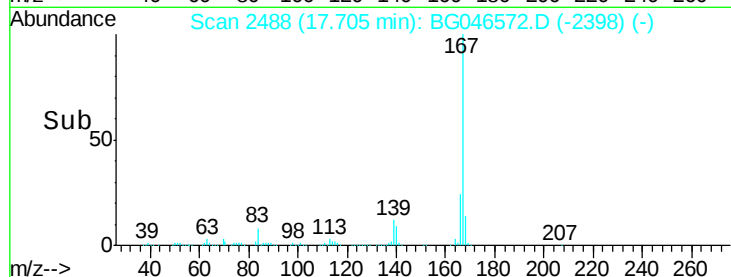
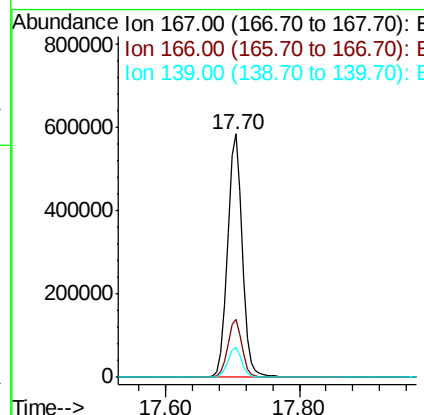
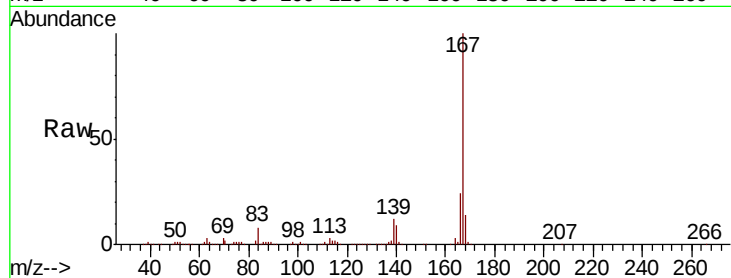




#73
 Carbazole
 Concen: 39.396 ng
 RT: 17.70 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

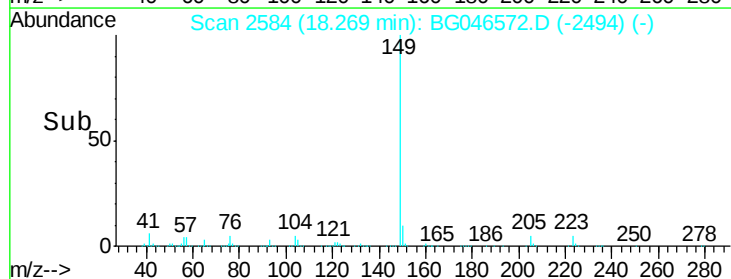
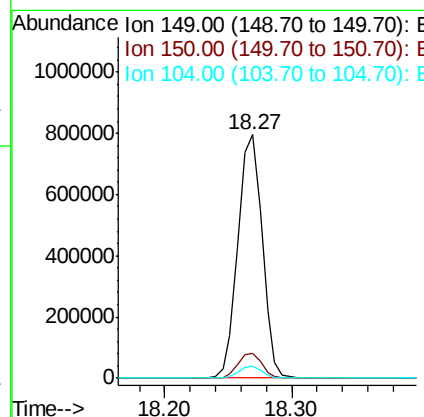
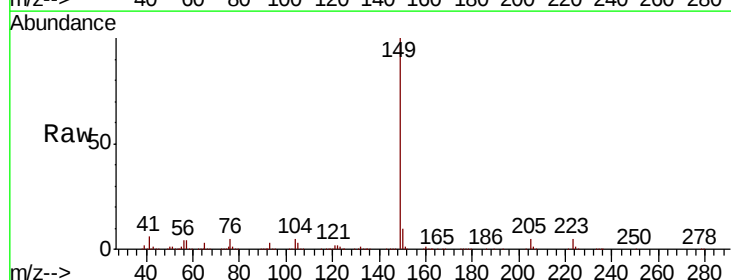
Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion:167 Resp: 913572
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.3 28.9
 139 12.1 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 39.275 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion:149 Resp: 1047303
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 4.9 4.0 6.0





#75

Fluoranthene

Concen: 38.376 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

BNA_G

ClientSampleId :

PB131497BS

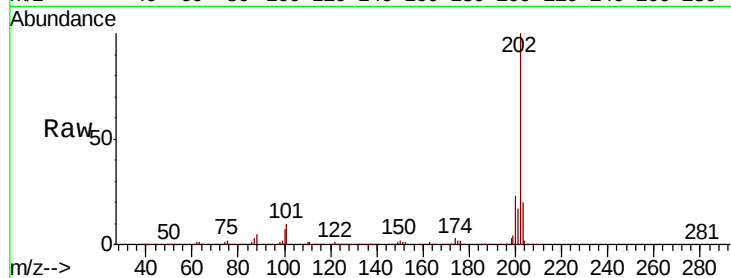
Tot Ion:202 Resp: 1229411

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.9

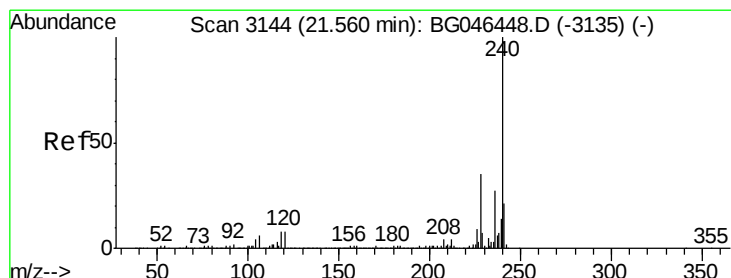
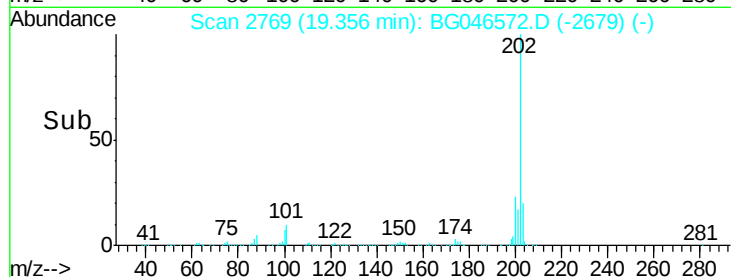
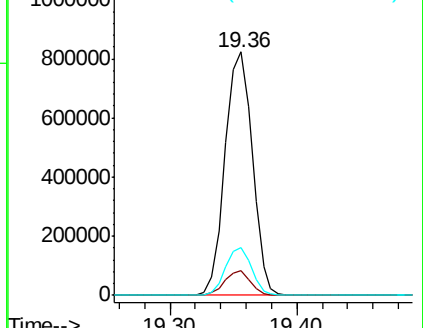
203 19.6 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

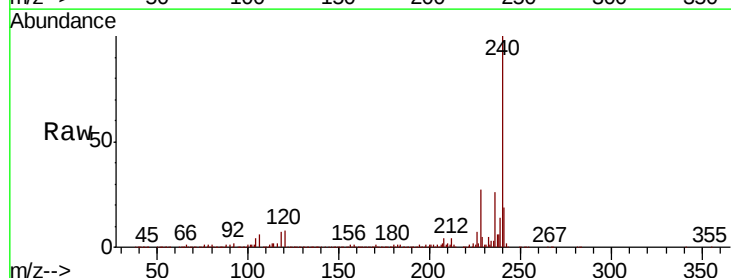
Tgt Ion:240 Resp: 473106

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

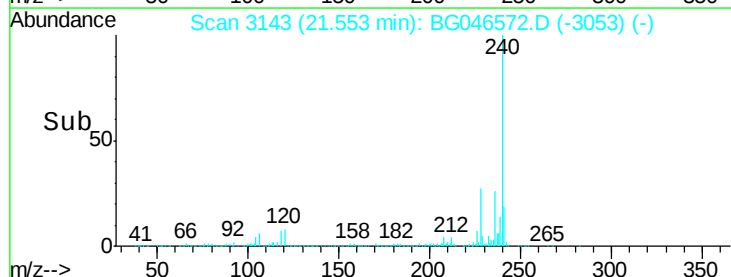
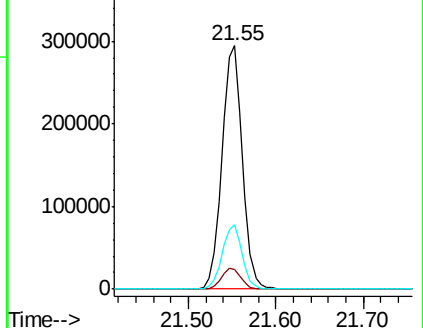
236 26.4 21.4 32.2

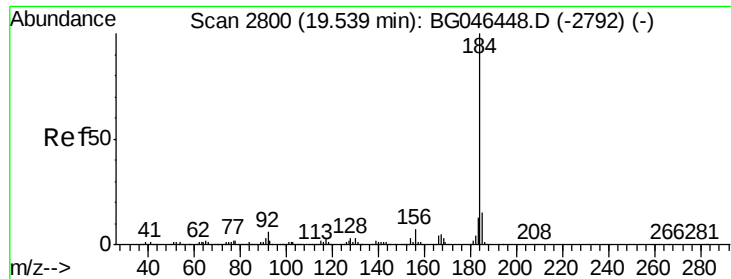


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

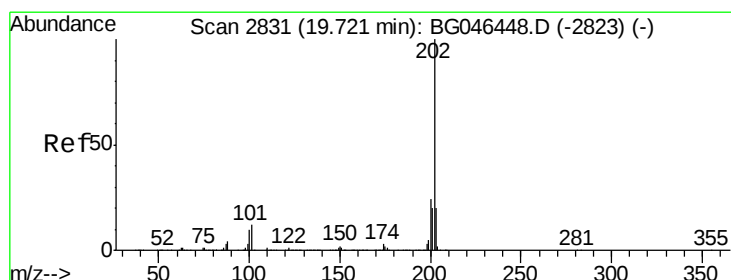
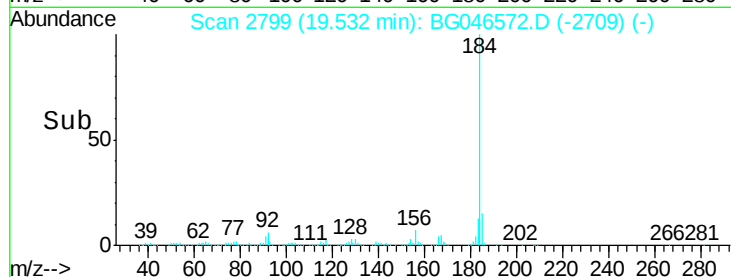
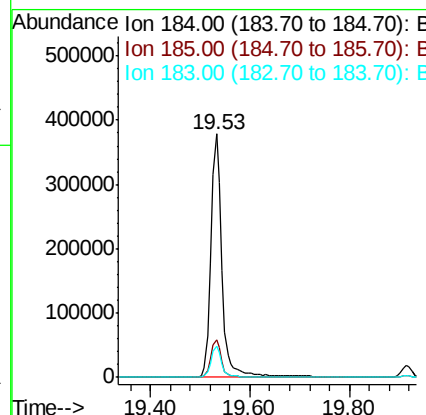
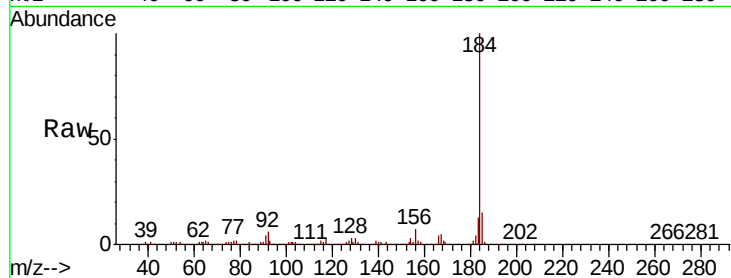




#77
Benzidine
Concen: 54.088 ng
RT: 19.53 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

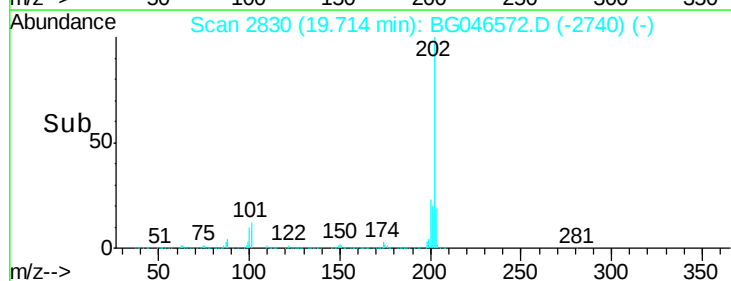
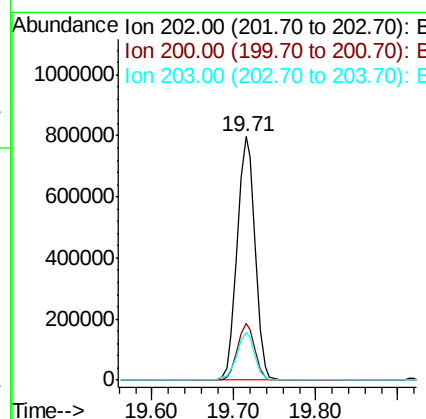
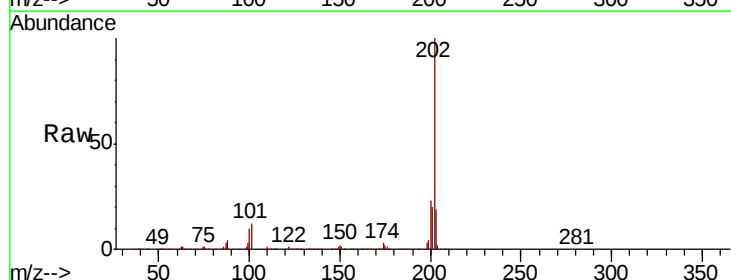
Instrument :
BNA_G
ClientSampleId :
PB131497BS

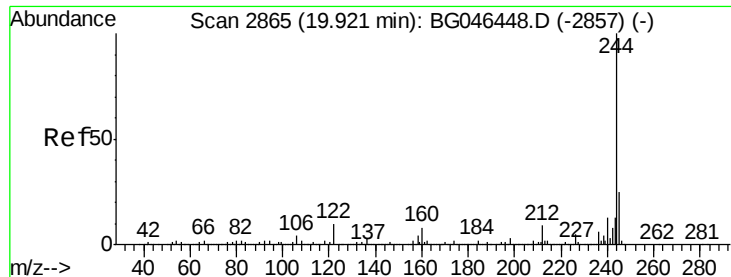
Tot Ion:184 Resp: 594615
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 13.0 10.7 16.1



#78
Pyrene
Concen: 40.383 ng
RT: 19.71 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:202 Resp: 1216626
Ion Ratio Lower Upper
202 100
200 23.3 18.9 28.3
203 19.4 16.1 24.1





#79

Terphenyl-d14

Concen: 67.596 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

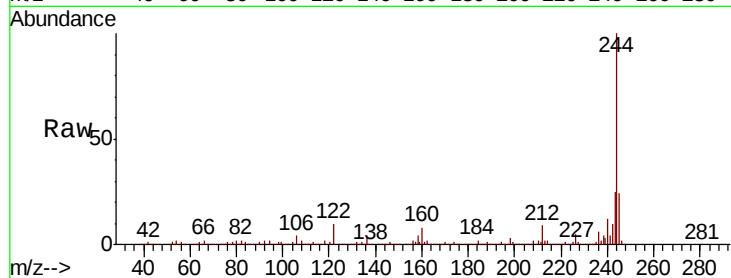
BNA_G

ClientSampled :

PB131497BS

Tot Ion:244 Resp: 1502700

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	10.0	8.2	12.4

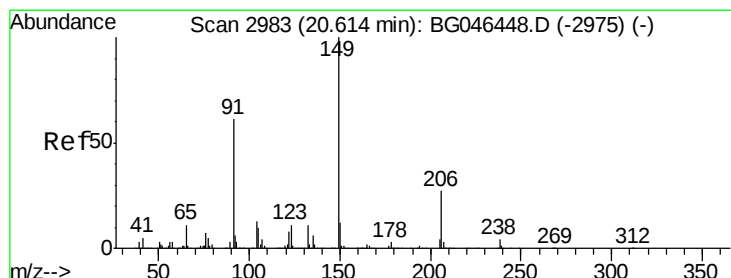
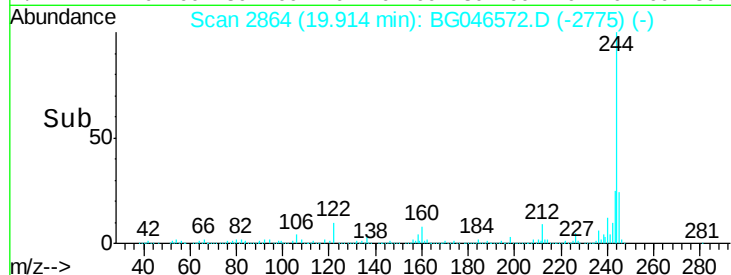
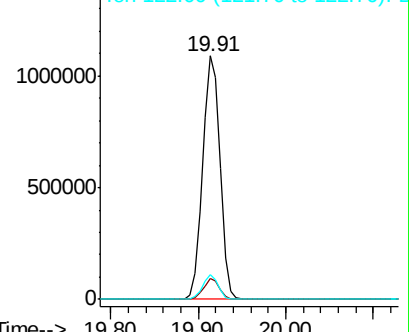


Abundance

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: 39.887 ng

RT: 20.61 min Scan# 2982

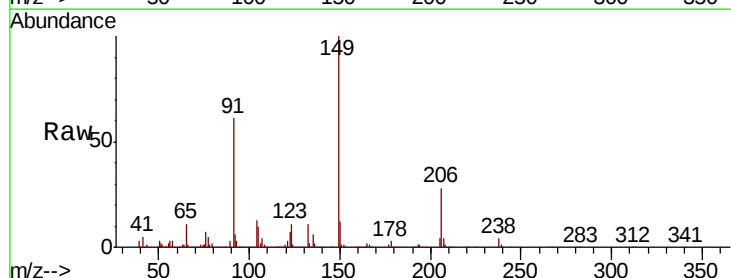
Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:149 Resp: 468717

Ion	Ratio	Lower	Upper
149	100		
91	61.4	49.1	73.7
206	27.7	21.9	32.9

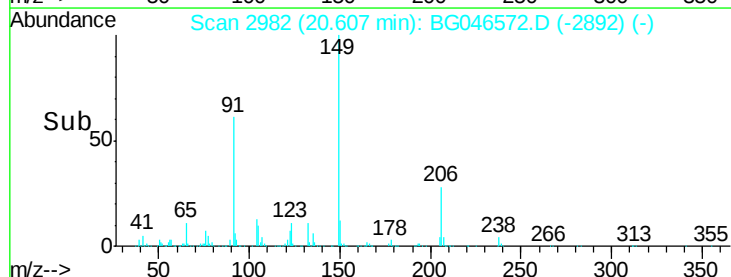
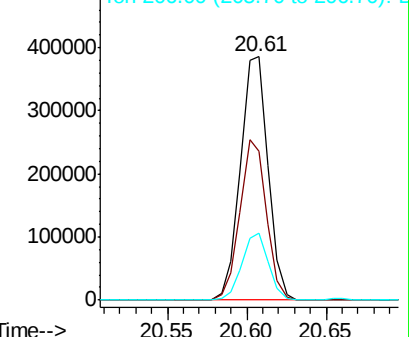


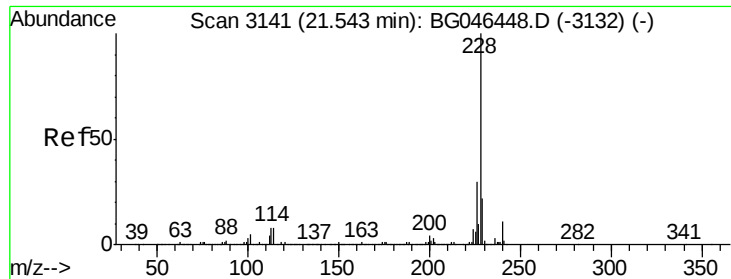
Abundance

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

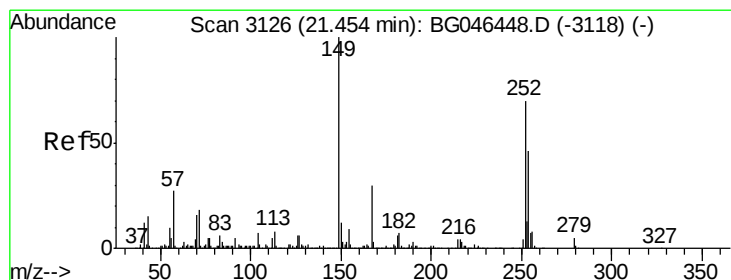
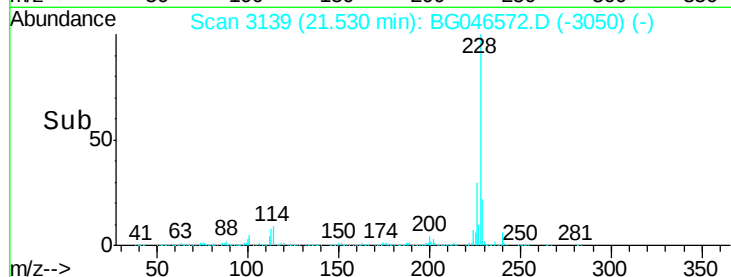
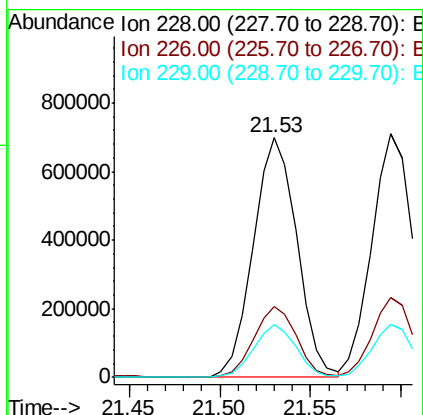
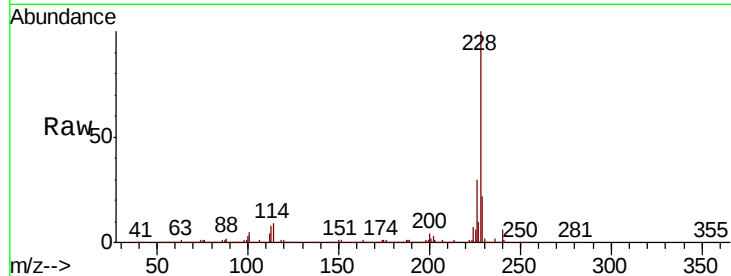




#81
Benzo(a)anthracene
Concen: 39.632 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

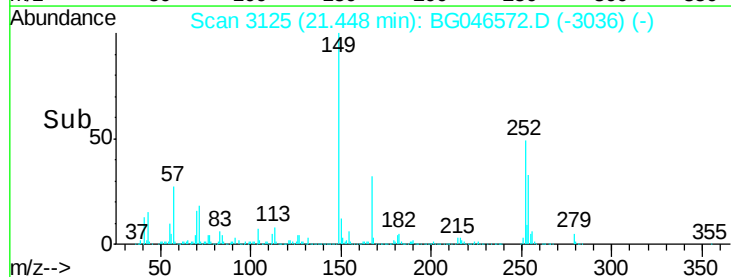
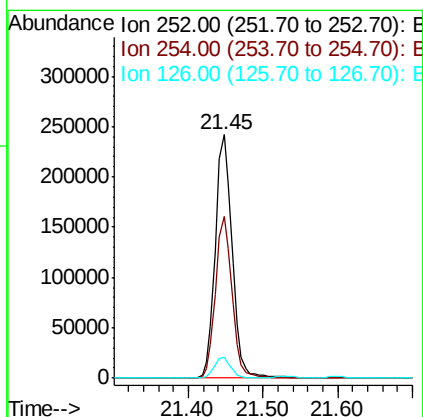
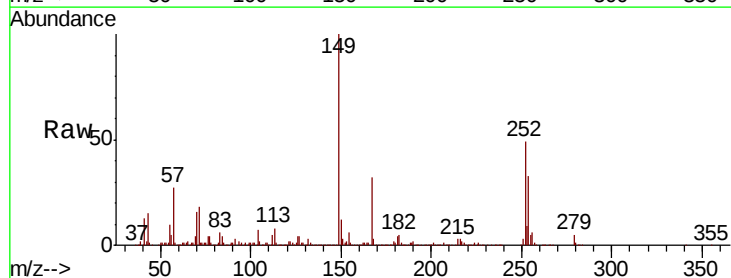
Instrument :
BNA_G
ClientSampleId :
PB131497BS

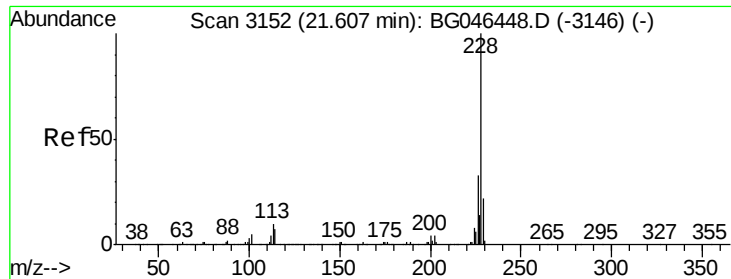
Tot Ion:228 Resp: 1168705
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 22.1 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 34.665 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:252 Resp: 379349
Ion Ratio Lower Upper
252 100
254 66.4 51.9 77.9
126 8.7 7.4 11.0





#83

Chrysene

Concen: 39.384 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Instrument :

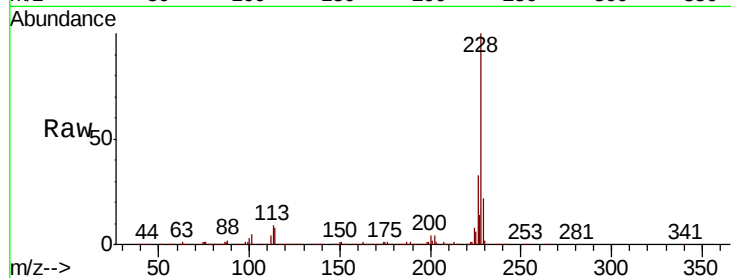
BNA_G

ClientSampleId :

PB131497BS

Tot Ion:228 Resp: 1117150

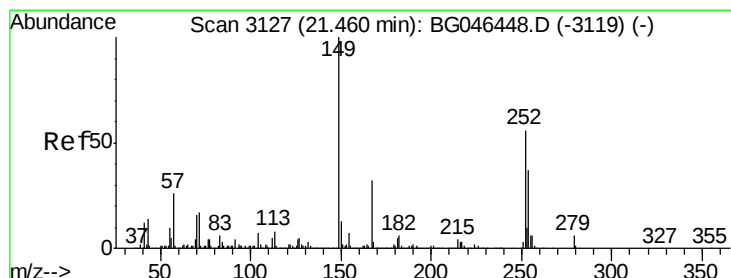
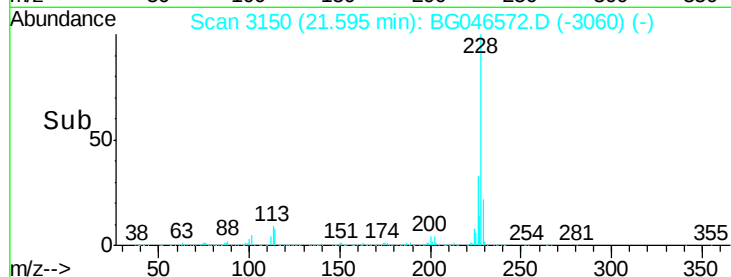
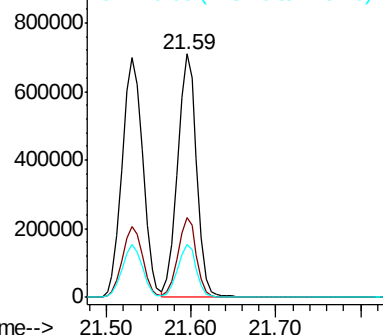
Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	21.8	17.9	26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.658 ng

RT: 21.45 min Scan# 3125

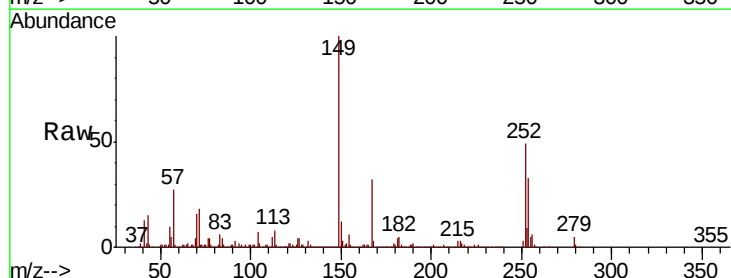
Delta R.T. -0.01 min

Lab File: BG046572.D

Acq: 9 Sep 2020 14:28

Tgt Ion:149 Resp: 652019

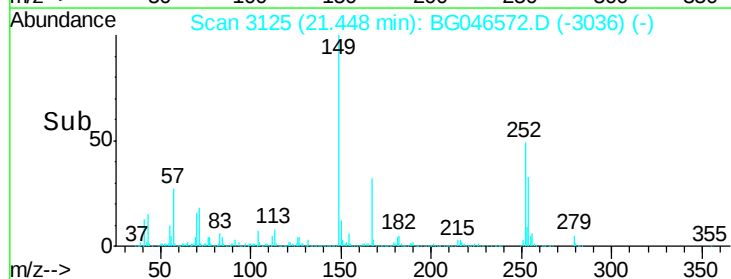
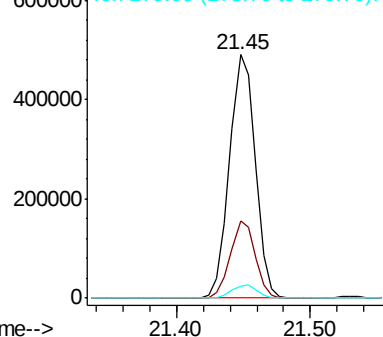
Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.4	38.2
279	5.1	4.5	6.7

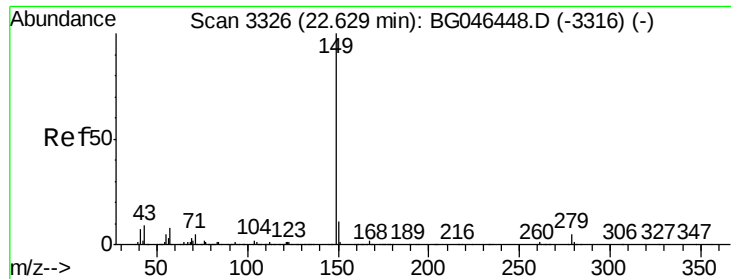


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

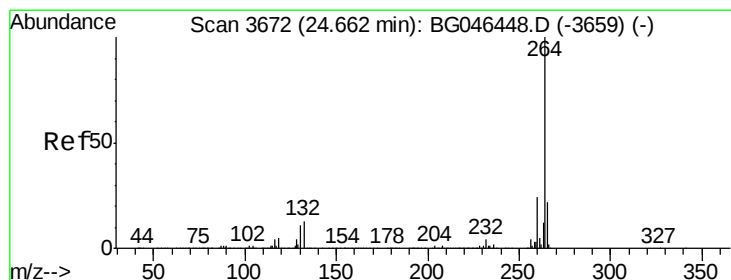
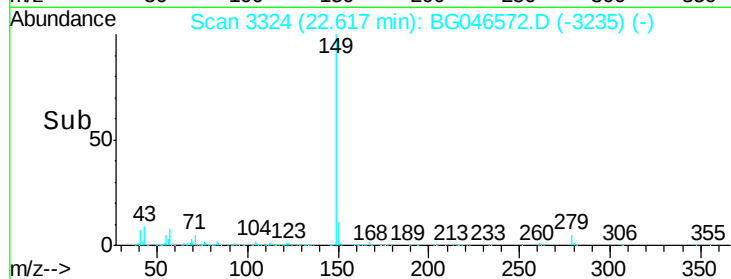
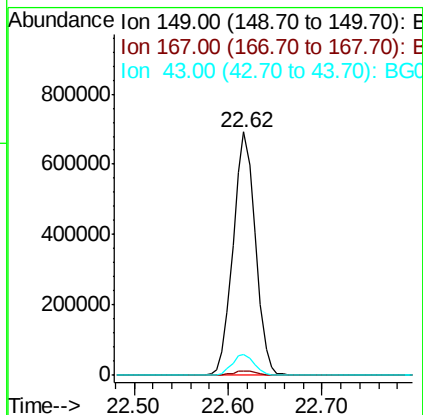
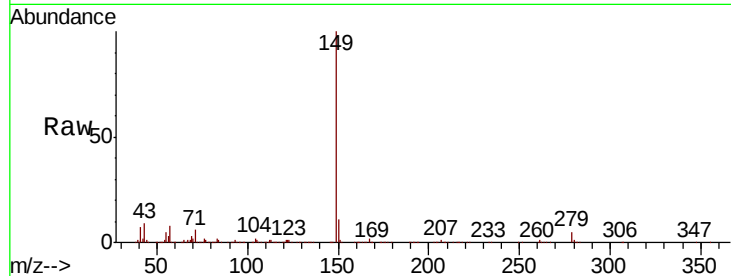




#85
Di-n-octyl phthalate
Concen: 41.232 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

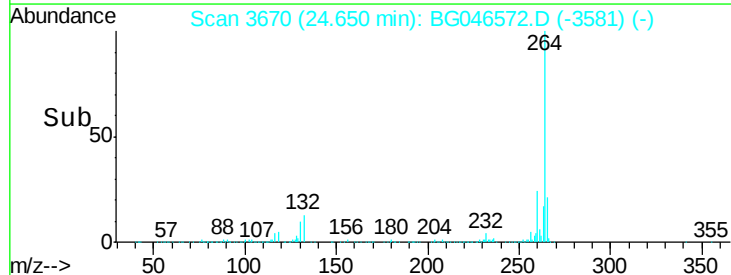
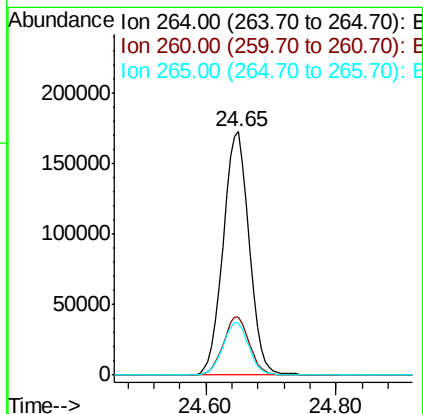
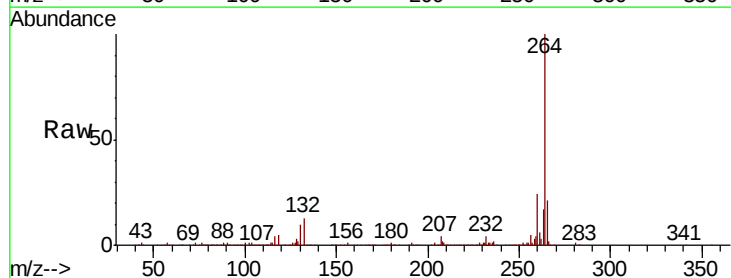
Instrument :
BNA_G
ClientSampleId :
PB131497BS

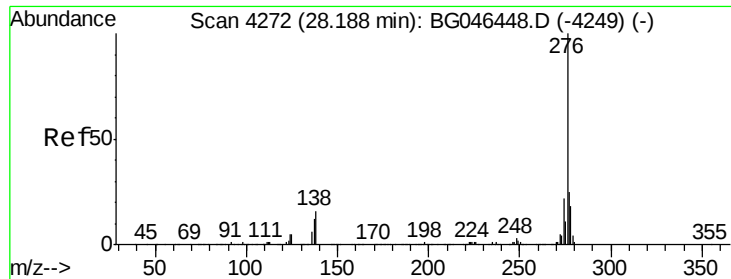
Tot Ion:149 Resp: 1132203
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 8.5 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:264 Resp: 478774
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.2 17.9 26.9



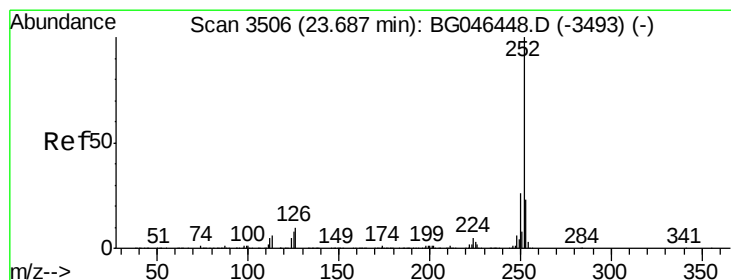
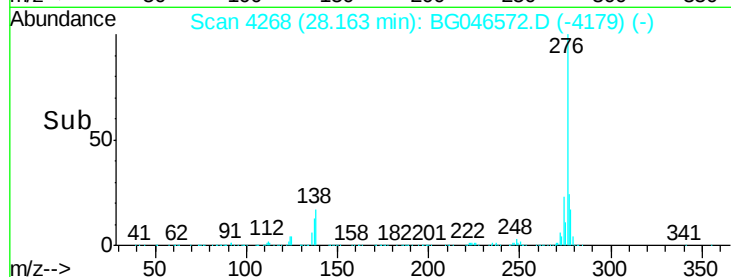
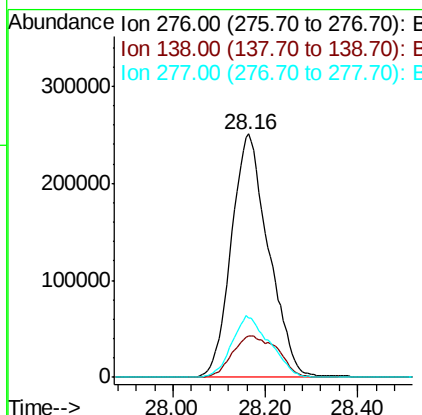
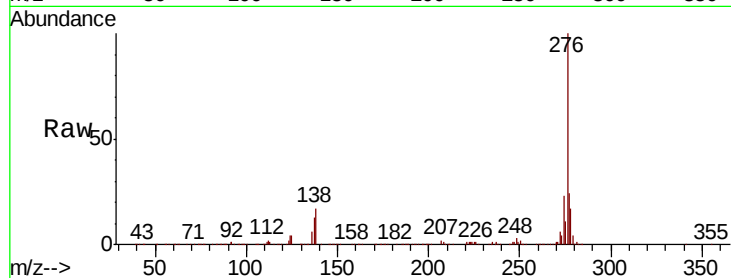


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.922 ng
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Instrument :
 BNA_G
 ClientSampleId :
 PB131497BS

Tot Ion:276 Resp: 1407166

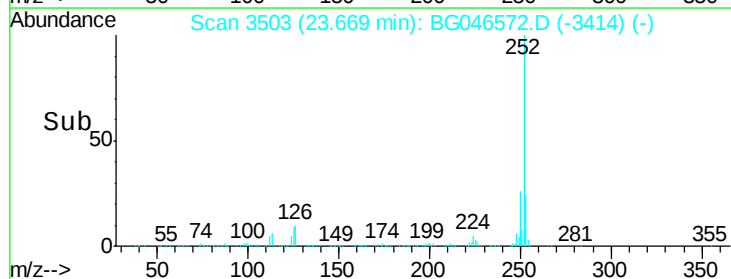
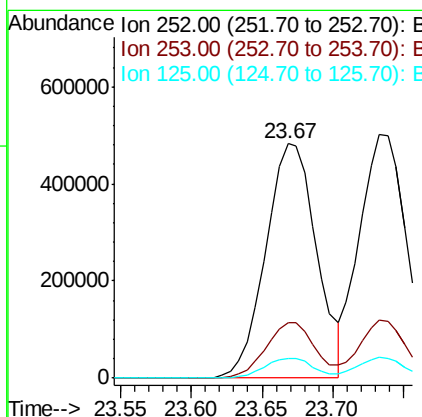
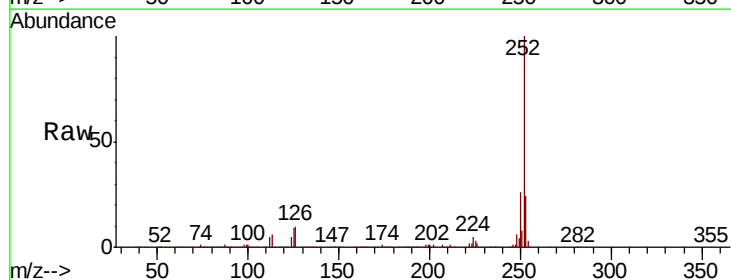
Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.5	24.7
277	25.9	20.7	31.1

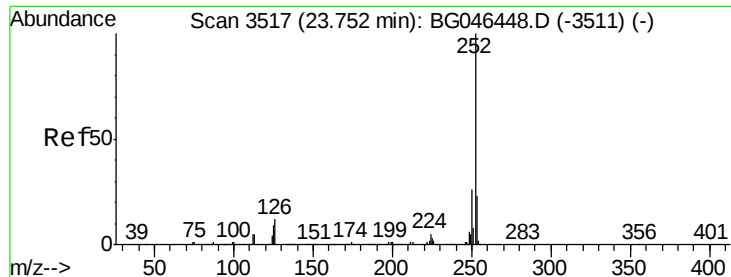


#88
 Benzo(b)fluoranthene
 Concen: 40.579 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BG046572.D
 Acq: 9 Sep 2020 14:28

Tgt Ion:252 Resp: 1213108

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	8.5	6.2	9.2

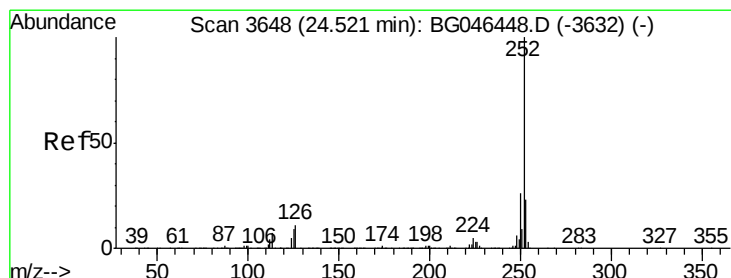
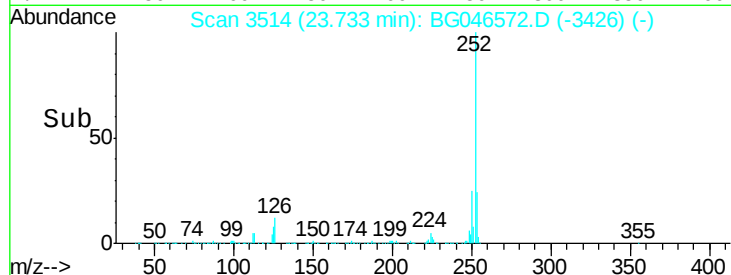
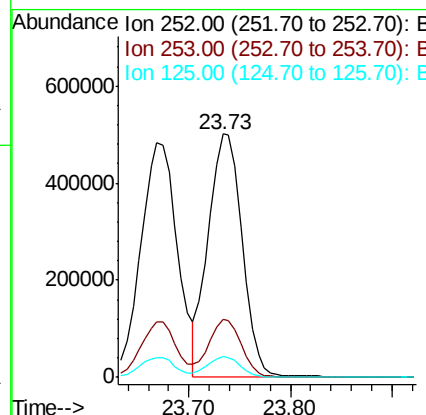
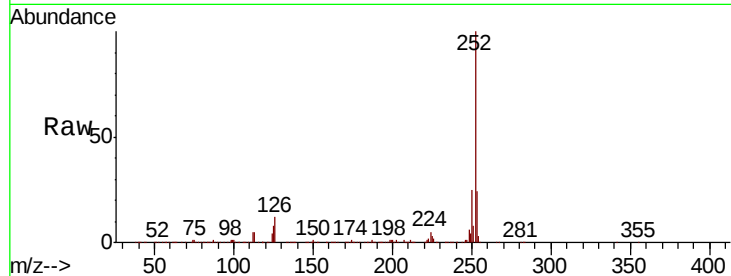




#89
Benzo(k)fluoranthene
Concen: 40.209 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

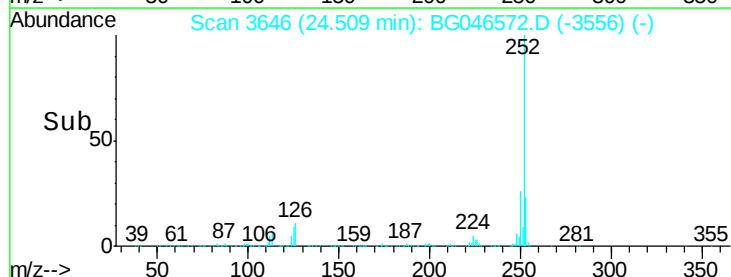
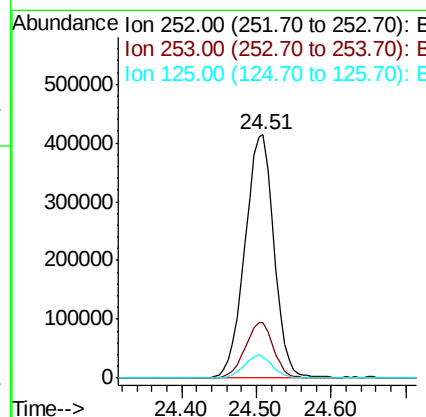
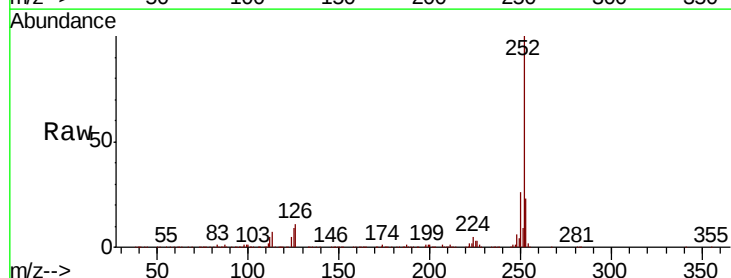
Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion:252 Resp: 1161736
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 8.4 6.8 10.2



#90
Benzo(a)pyrene
Concen: 40.118 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:252 Resp: 1119242
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 8.8 7.4 11.0

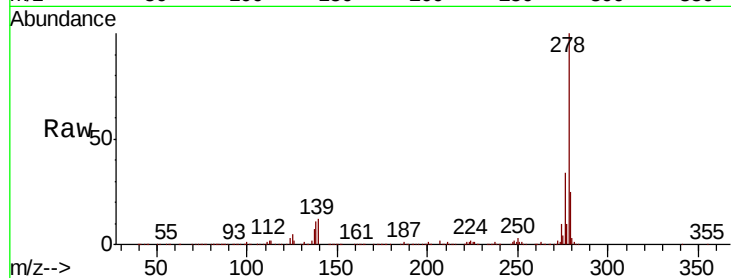




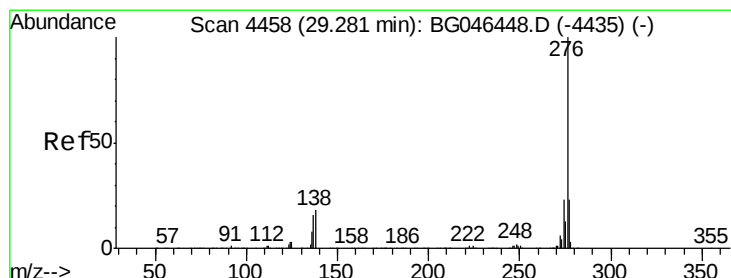
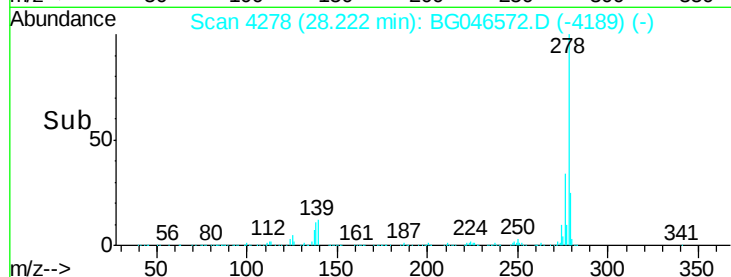
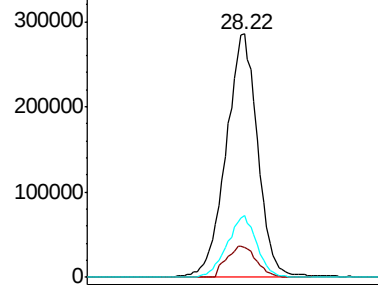
#91
Dibenzo(a,h)anthracene
Concen: 41.501 ng
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Instrument :
BNA_G
ClientSampleId :
PB131497BS

Tot Ion:278 Resp: 1151602
Ion Ratio Lower Upper
278 100
139 12.3 11.2 16.8
279 25.4 19.8 29.8

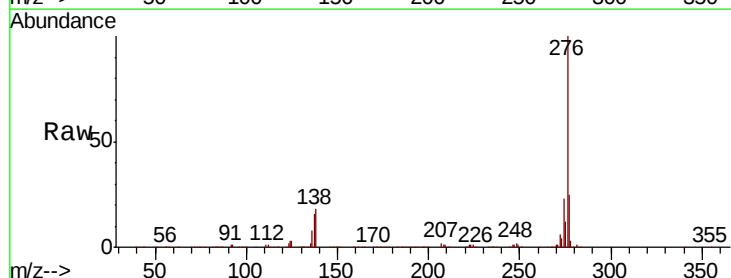


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.492 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046572.D
Acq: 9 Sep 2020 14:28

Tgt Ion:276 Resp: 1177440
Ion Ratio Lower Upper
276 100
277 24.8 18.7 28.1
138 17.9 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

