

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044990.D
 Acq On : 15 Apr 2020 20:17
 Operator : CG/JU
 Sample : PB128245BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Quant Time: Apr 16 05:02:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62692	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271945	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	214649	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	549828	20.00	ng	0.00
76) Chrysene-d12	21.67	240	524113	20.00	ng	0.00
87) Perylene-d12	24.85	264	591112	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	584140	153.83	ng	0.00
7) Phenol-d6	7.18	99	852020	151.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	527173	88.45	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	459978	138.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1264224	86.36	ng	0.00
79) Terphenyl-d14	20.01	244	2355674	97.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	67973	40.278	ng	93
3) Pyridine	3.88	79	201784	38.834	ng	98
4) n-Nitrosodimethylamine	3.79	42	73859	46.401	ng	96
6) Aniline	7.34	93	267155	36.419	ng	100
8) 2-Chlorophenol	7.59	128	217730	53.351	ng	99
9) Benzaldehyde	7.15	77	114188	34.403	ng	100
10) Phenol	7.21	94	304290	53.897	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	203677	45.312	ng	97
12) 1,3-Dichlorobenzene	7.91	146	224204	46.621	ng	97
13) 1,4-Dichlorobenzene	8.06	146	228276	47.638	ng	97
14) 1,2-Dichlorobenzene	8.38	146	212282	46.306	ng	98
15) Benzyl Alcohol	8.26	79	224785	47.521	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	189276	42.896	ng	98
17) 2-Methylphenol	8.46	107	206563	47.421	ng	96
18) Hexachloroethane	9.11	117	82198	45.629	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	185093	46.390	ng	97
20) 3+4-Methylphenols	8.79	107	292805	48.024	ng	97
22) Acetophenone	8.84	105	337146	45.845	ng	97
24) Nitrobenzene	9.22	77	274691	44.964	ng	99
25) Isophorone	9.75	82	529000	43.342	ng	98
26) 2-Nitrophenol	9.94	139	123744	47.024	ng	99
27) 2,4-Dimethylphenol	10.00	122	219035	52.458	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	303493	47.327	ng	99
29) 2,4-Dichlorophenol	10.48	162	245767	50.975	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	242666	44.454	ng	94
31) Naphthalene	10.89	128	692397	46.542	ng	98
32) Benzoic acid	10.14	122	146674	44.083	ng	97
33) 4-Chloroaniline	10.98	127	137659	19.841	ng	98
34) Hexachlorobutadiene	11.18	225	158943	42.468	ng	99
35) Caprolactam	11.75	113	45110	23.509	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	288122	50.871	ng	97
37) 2-Methylnaphthalene	12.48	142	542838	47.011	ng	97
38) 1-Methylnaphthalene	12.71	142	526501	48.299	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	290528	42.038	ng	99

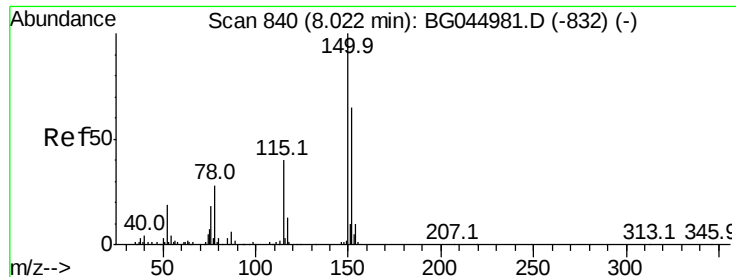
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044990.D
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 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	410975	95.143	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	226847	46.508	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	247084	44.503	nq	97
46) 1,1'-Biphenyl	13.49	154	707482	43.364	nq	99
47) 2-Chloronaphthalene	13.53	162	550331	44.146	nq	97
48) 2-Nitroaniline	13.73	65	189355	46.166	nq	95
49) Acenaphthylene	14.38	152	931859	45.892	nq	99
50) Dimethylphthalate	14.11	163	815128	46.638	nq	100
51) 2,6-Dinitrotoluene	14.22	165	184972	47.316	nq	96
52) Acenaphthene	14.72	154	611247	44.491	nq	99
53) 3-Nitroaniline	14.55	138	108193	25.234	nq	97
54) 2,4-Dinitrophenol	14.76	184	245094	105.437	nq	97
55) Dibenzofuran	15.06	168	920337	45.948	nq	96
56) 4-Nitrophenol	14.87	139	325324	97.859	nq	97
57) 2,4-Dinitrotoluene	15.01	165	272142	47.636	nq	94
58) Fluorene	15.71	166	772570	47.221	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	248930	50.390	nq	97
60) Diethylphthalate	15.48	149	859036	47.142	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	419449	44.541	nq	97
62) 4-Nitroaniline	15.72	138	202503	45.537	nq	98
63) Azobenzene	15.99	77	796434	47.406	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	177681	49.164	nq	96
66) n-Nitrosodiphenylamine	15.91	169	727450	46.048	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	302502	42.647	nq	96
68) Hexachlorobenzene	16.72	284	334723	45.500	nq	96
69) Atrazine	16.86	200	310301	54.905	nq	98
70) Pentachlorophenol	17.06	266	427423	94.710	nq	99
71) Phenanthrene	17.45	178	1314702	46.531	nq	99
72) Anthracene	17.54	178	1346492	47.509	nq	98
73) Carbazole	17.80	167	1271979	44.225	nq	99
74) Di-n-butylphthalate	18.37	149	1499569	48.349	nq	98
75) Fluoranthene	19.45	202	1644035	50.221	nq	100
77) Benzidine	19.63	184	797334	53.672	nq	98
78) Pyrene	19.81	202	1625983	45.000	nq	99
80) Butylbenzylphthalate	20.70	149	683357	45.626	nq	99
81) Benzo(a)anthracene	21.65	228	1573244	46.313	nq	100
82) 3,3'-Dichlorobenzidine	21.56	252	355426	26.287	nq	97
83) Chrysene	21.71	228	1496814	45.860	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	947044	45.975	nq	99
85) Di-n-octyl phthalate	22.77	149	1627918	45.701	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2073220	47.843	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	1755174	47.403	nq	98
89) Benzo(k)fluoranthene	23.92	252	1619290	45.986	nq	100
90) Benzo(a)pyrene	24.71	252	1598546	45.726	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	1668631	47.369	nq	97
92) Benzo(g,h,i)perylene	29.60	276	1689557	47.840	nq	100

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

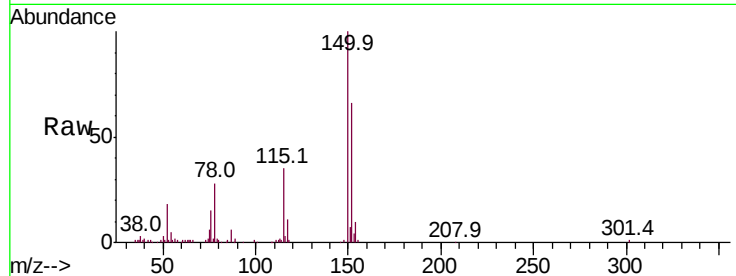


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.6	185.4
115	52.2	49.1	73.7

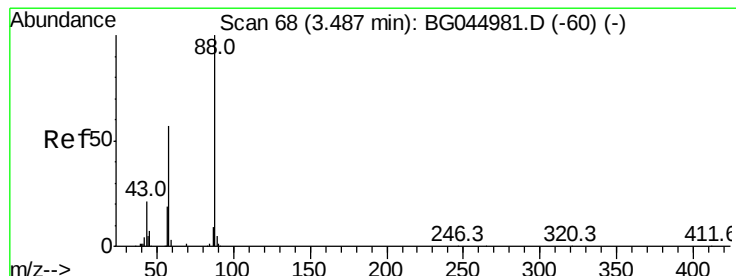
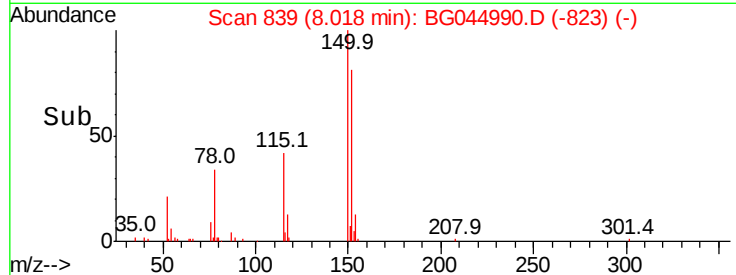
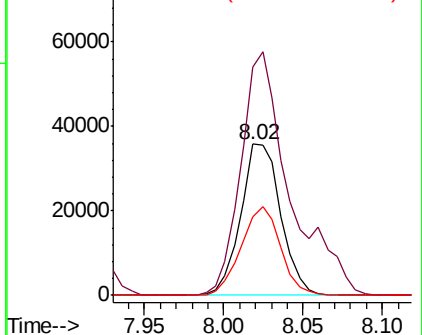


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

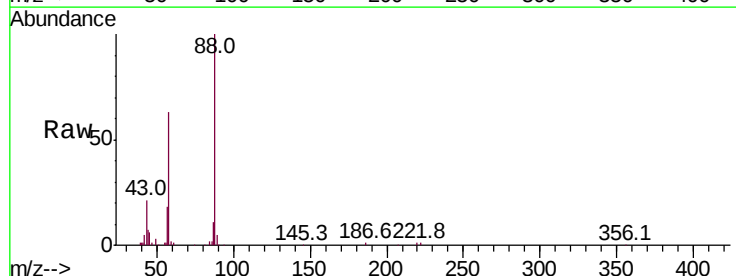
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.278 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	46.6	69.8
43	24.7	17.5	26.3

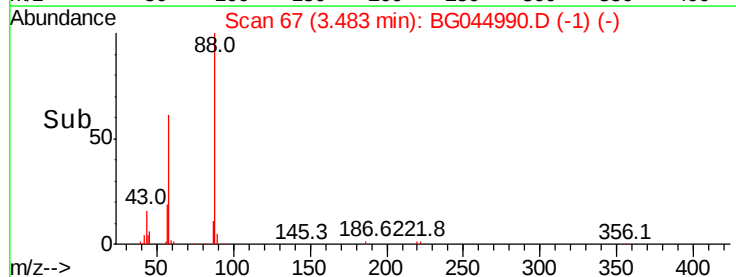
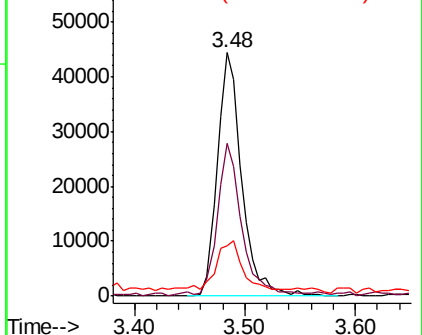


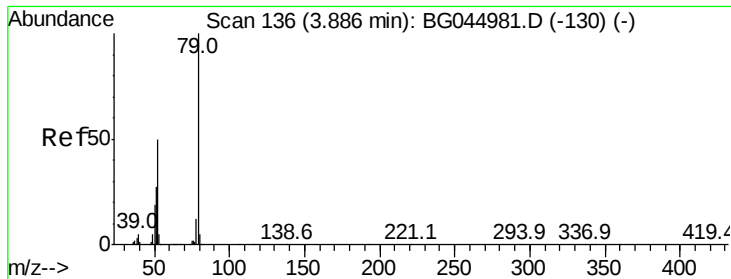
Abundance

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: 38.834 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

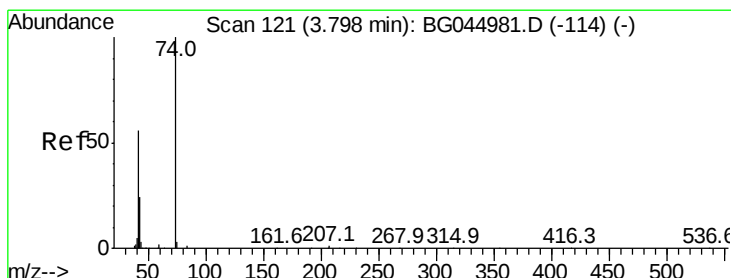
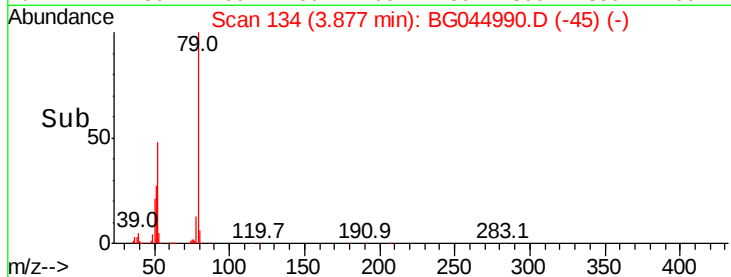
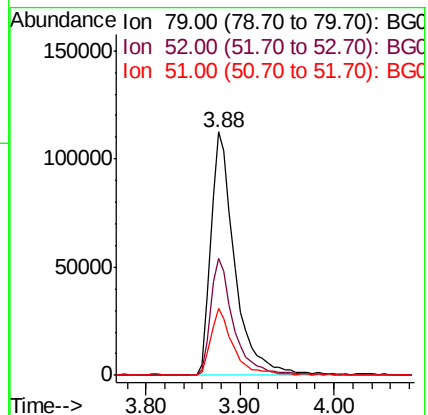
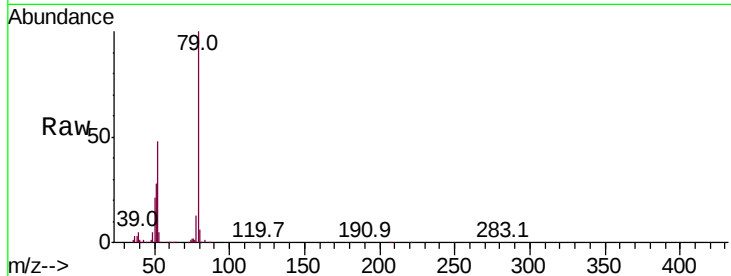
Tot Ion: 79 Resp: 201784

Ion Ratio Lower Upper

79 100

52 47.9 39.8 59.6

51 27.6 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 46.401 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

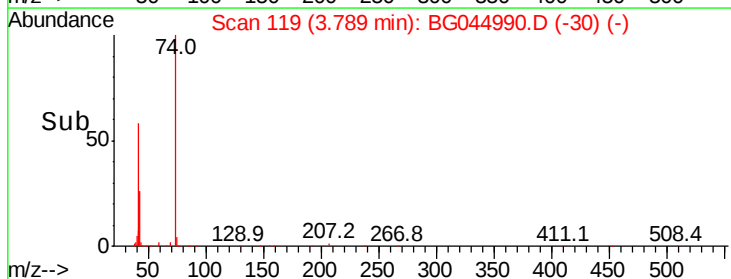
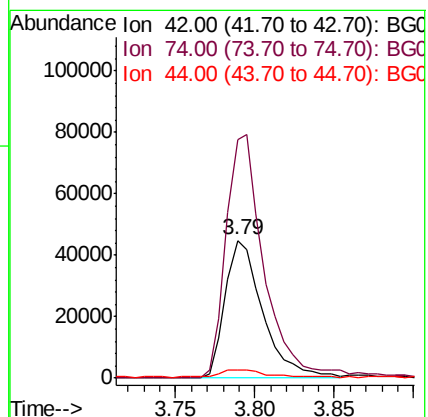
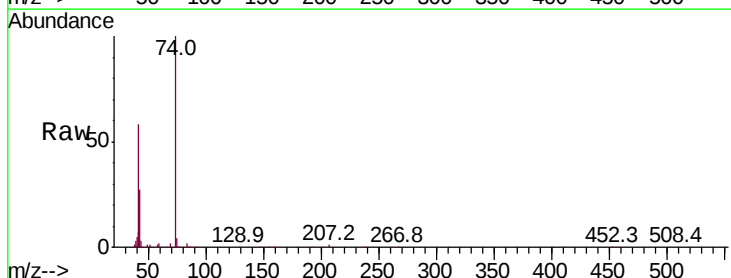
Tgt Ion: 42 Resp: 73859

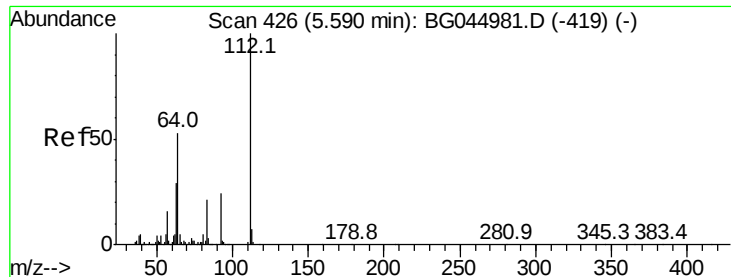
Ion Ratio Lower Upper

42 100

74 173.2 143.0 214.6

44 5.5 4.6 6.8





#5

2-Fluorophenol

Concen: 153.829 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

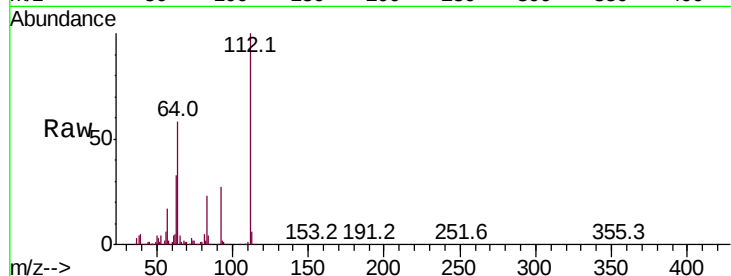
Tot Ion:112 Resp: 584140

Ion Ratio Lower Upper

112 100

64 57.7 42.4 63.6

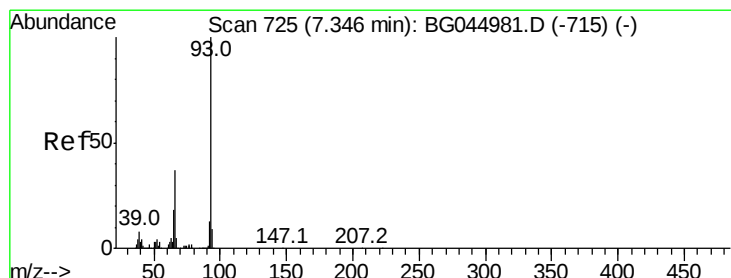
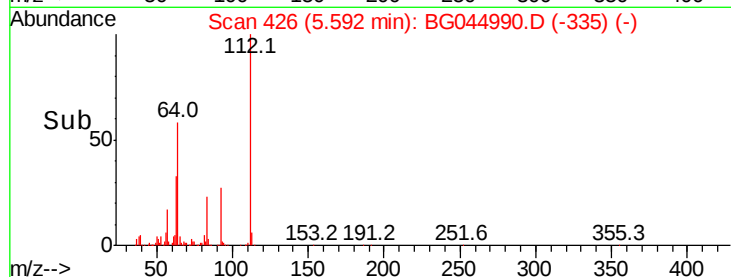
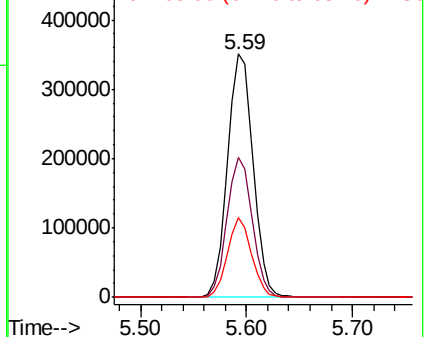
63 32.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.419 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

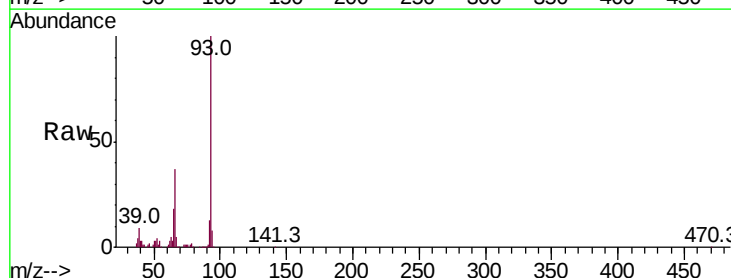
Tgt Ion: 93 Resp: 267155

Ion Ratio Lower Upper

93 100

66 37.0 29.8 44.8

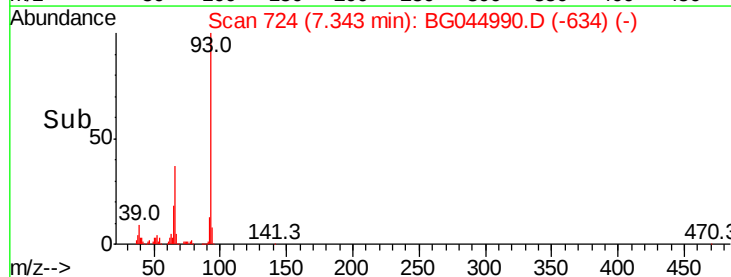
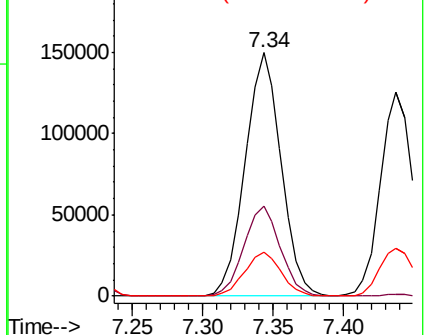
65 18.2 14.6 22.0

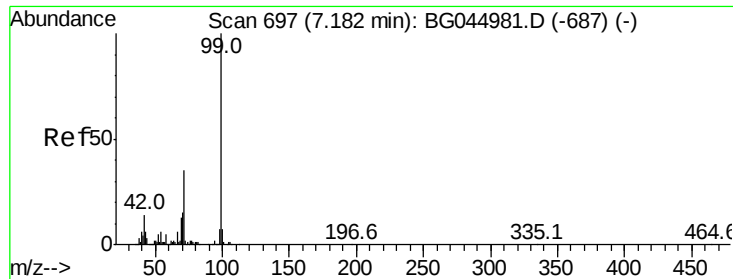


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.017 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

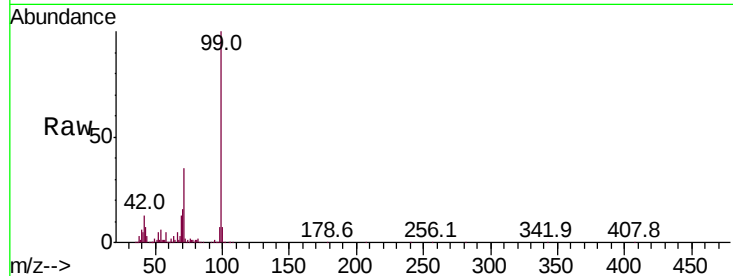
Tot Ion: 99 Resp: 852020

Ion Ratio Lower Upper

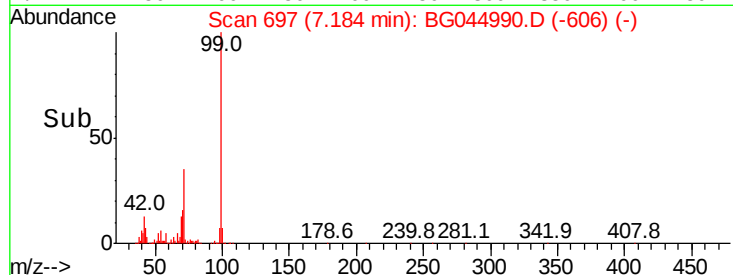
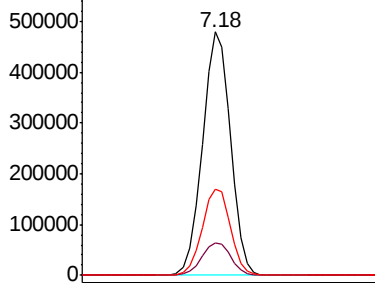
99 100

42 13.1 11.3 16.9

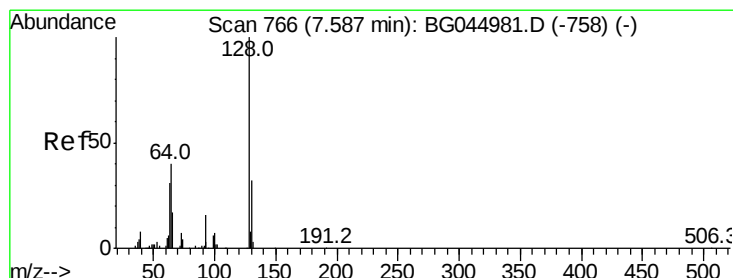
71 35.4 28.3 42.5



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



Time-->



#8

2-Chlorophenol

Concen: 53.351 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

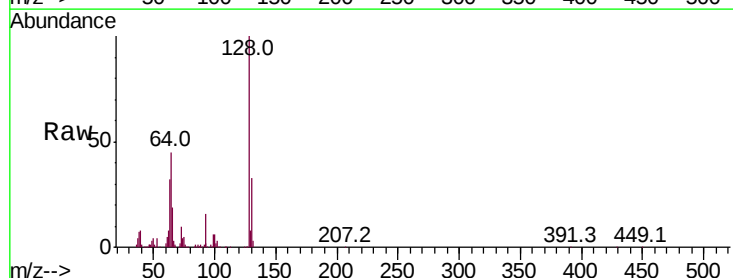
Tgt Ion: 128 Resp: 217730

Ion Ratio Lower Upper

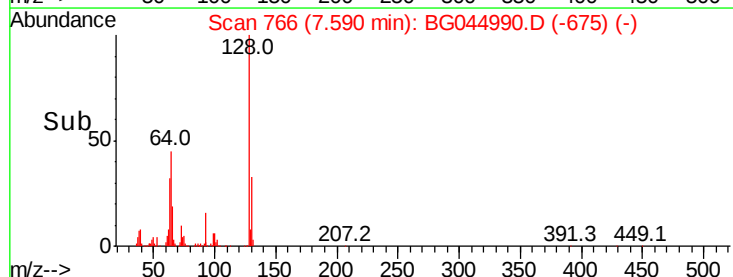
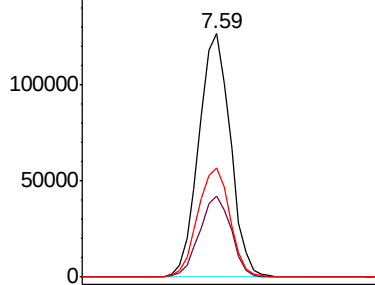
128 100

130 33.2 12.3 52.3

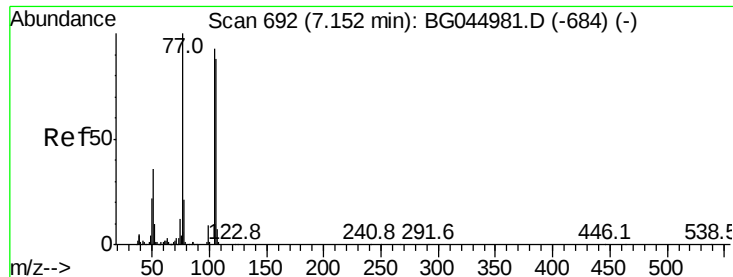
64 44.9 24.4 64.4



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



Time-->



#9

Benzaldehyde

Concen: 34.403 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

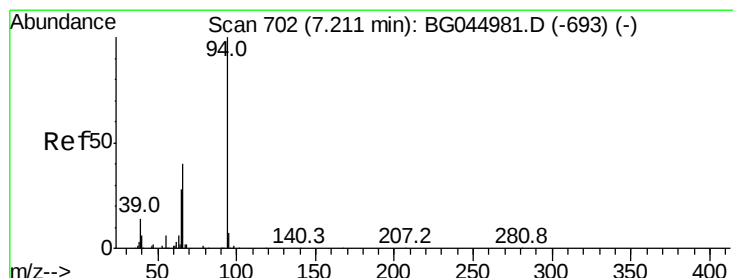
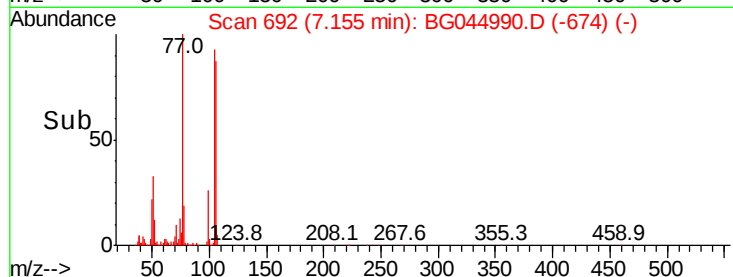
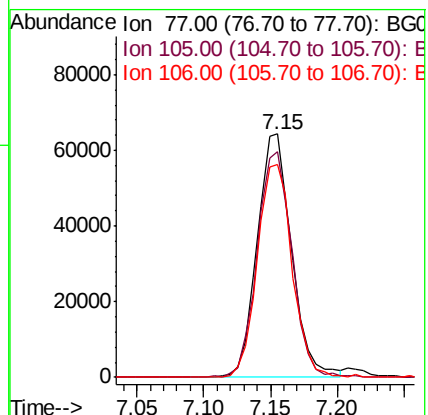
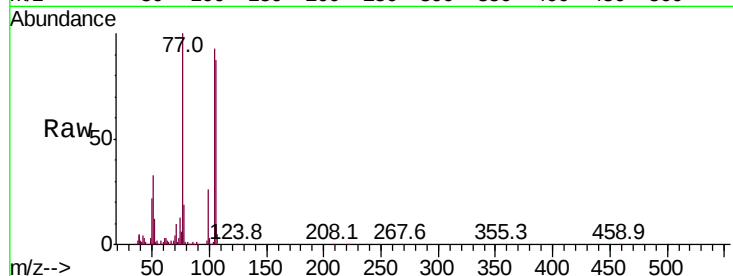
Tot Ion: 77 Resp: 114188

Ion Ratio Lower Upper

77 100

105 92.6 72.9 112.9

106 87.5 67.6 107.6



#10

Phenol

Concen: 53.897 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

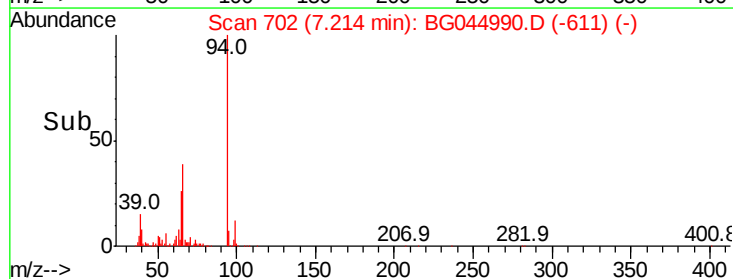
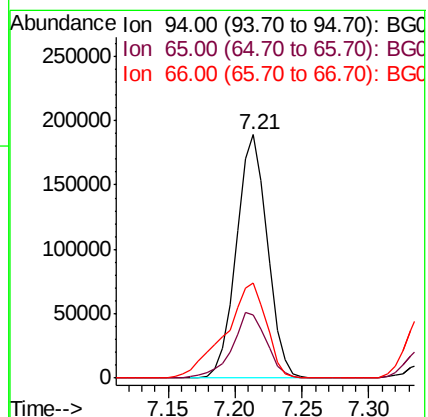
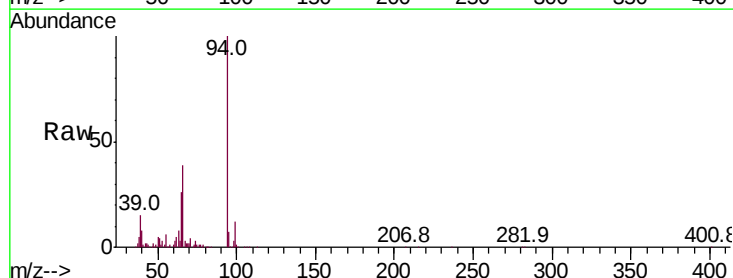
Tgt Ion: 94 Resp: 304290

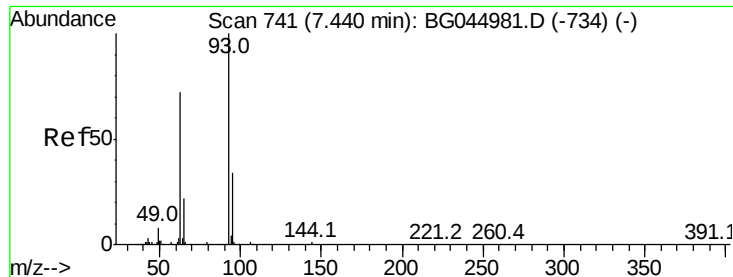
Ion Ratio Lower Upper

94 100

65 25.8 8.2 48.2

66 38.8 20.4 60.4

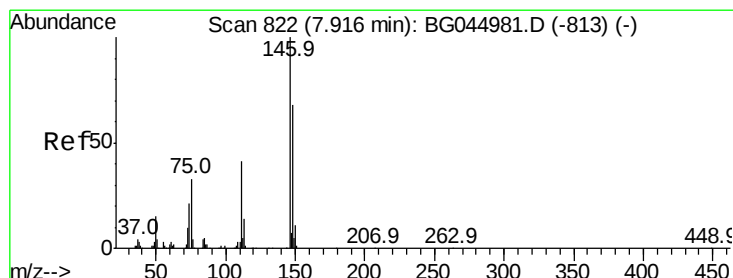
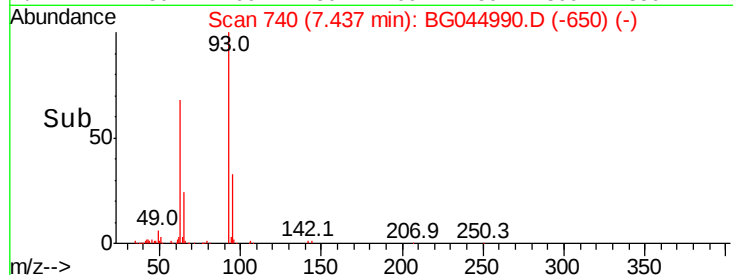
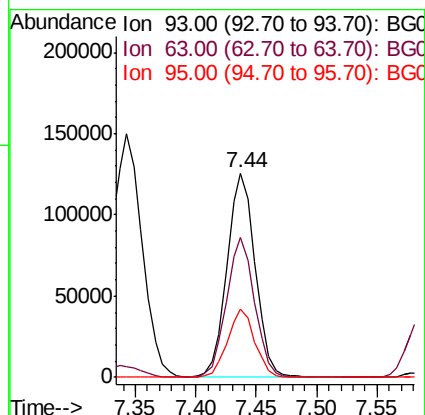
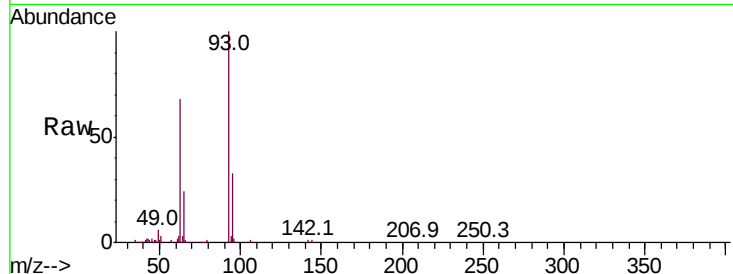




#11
bis(2-Chloroethyl)ether
Concen: 45.312 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

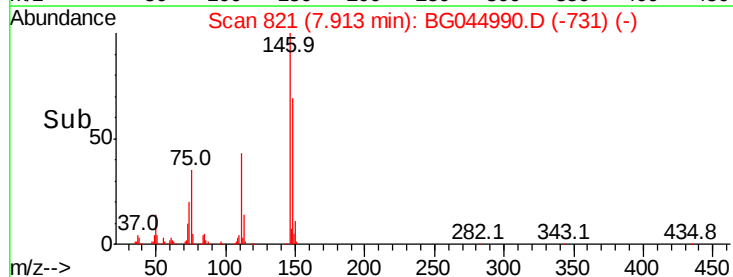
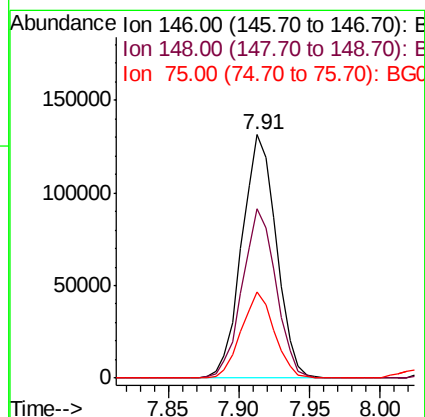
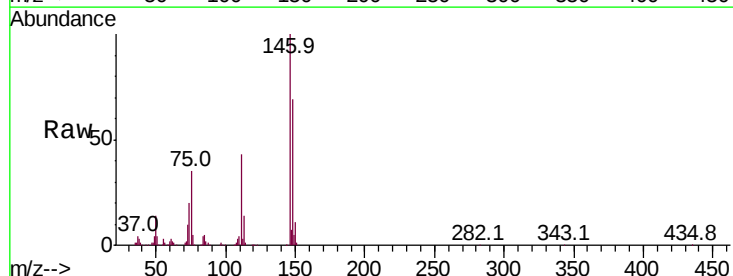
Instrument :
BNA_G
ClientSampleId :
PB128245BS

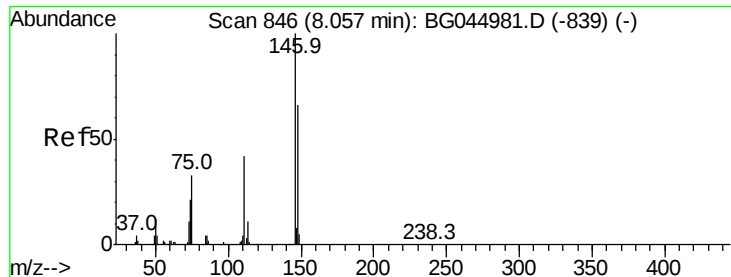
Tot Ion	93	Resp	203677
Ion Ratio	100	Lower	Upper
63	68.4	51.8	91.8
95	33.4	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 46.621 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion	146	Resp	224204
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
148	69.4	54.6	81.8
75	35.3	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 47.638 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

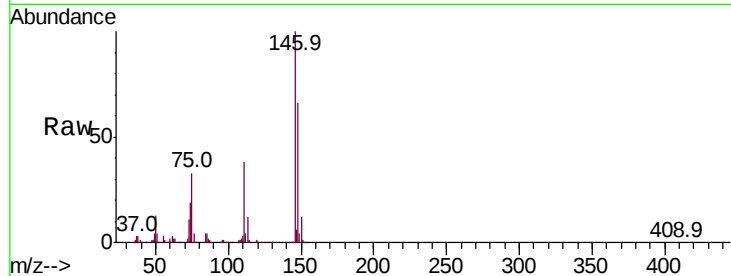
Tot Ion:146 Resp: 228276

Ion Ratio Lower Upper

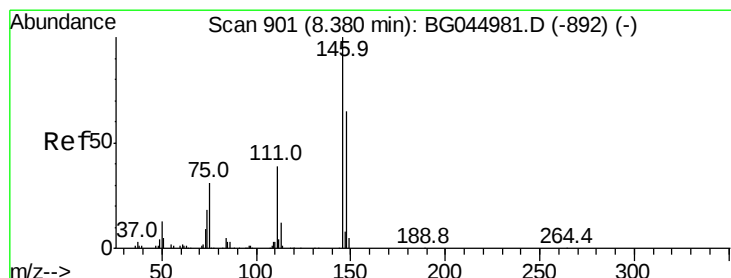
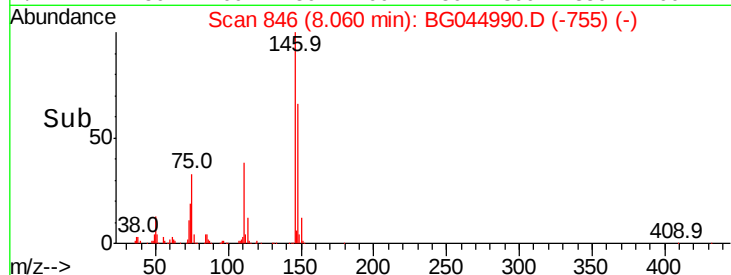
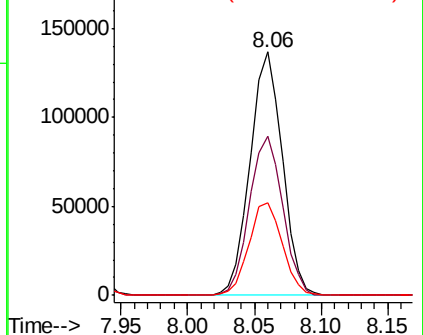
146 100

148 65.5 53.3 79.9

111 37.9 33.8 50.8



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: 46.306 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

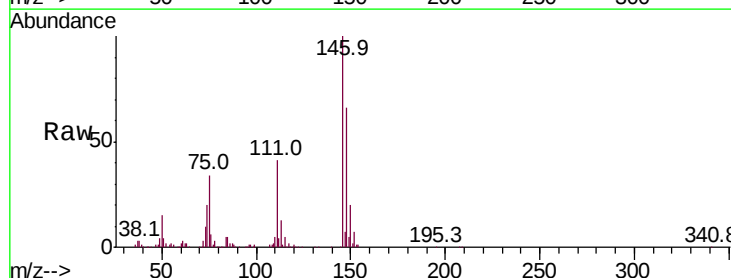
Tgt Ion:146 Resp: 212282

Ion Ratio Lower Upper

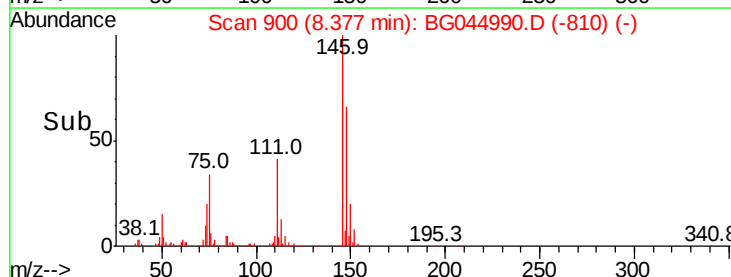
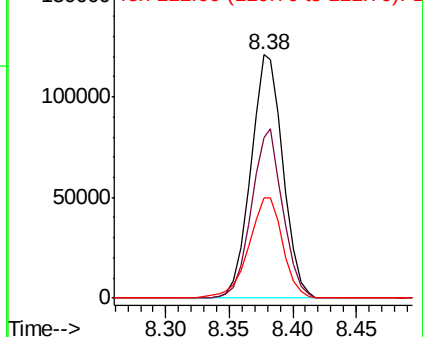
146 100

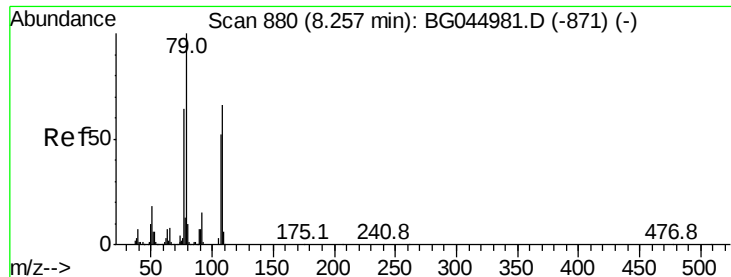
148 65.9 51.9 77.9

111 41.1 31.3 46.9



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: 47.521 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

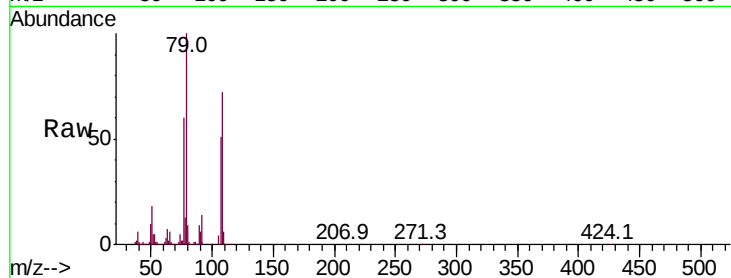
Tot Ion: 79 Resp: 224785

Ion Ratio Lower Upper

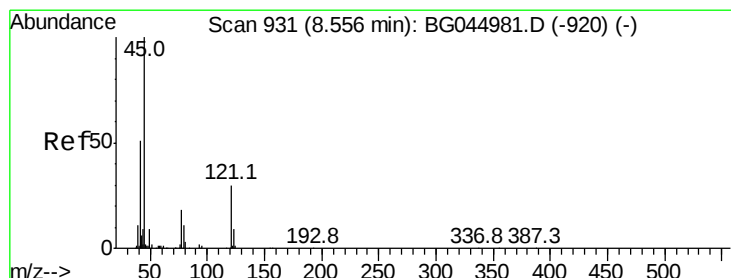
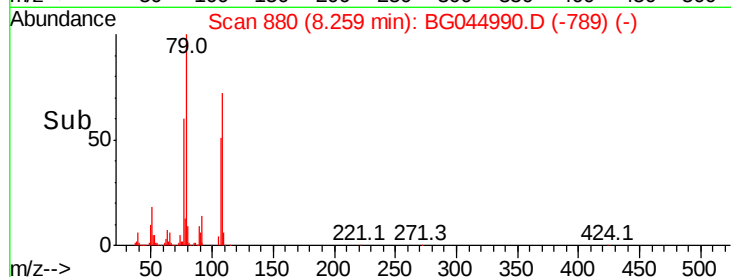
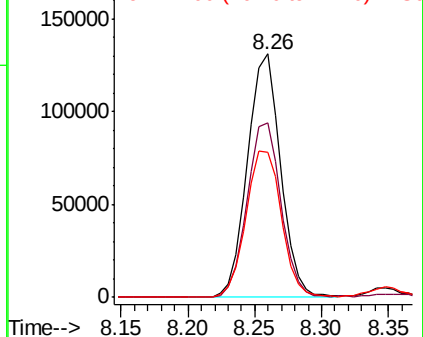
79 100

108 71.9 52.7 79.1

77 59.7 51.3 76.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.896 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

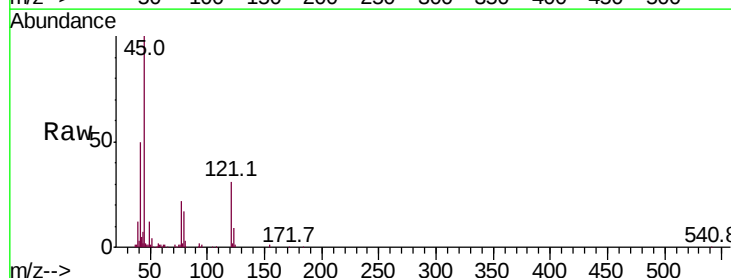
Tgt Ion: 45 Resp: 189276

Ion Ratio Lower Upper

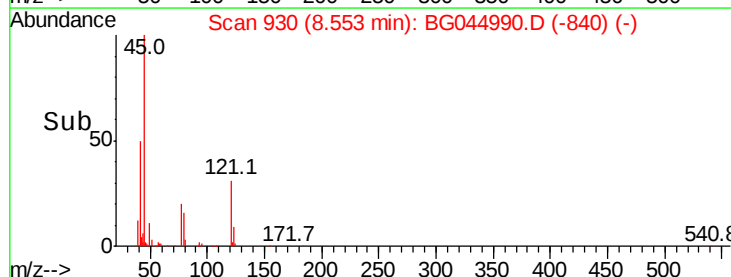
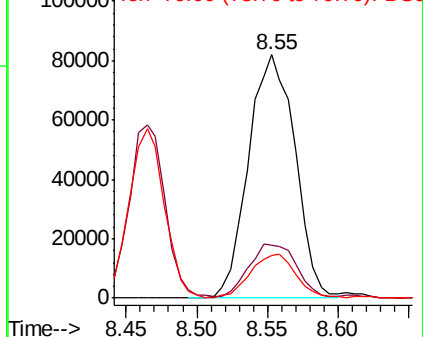
45 100

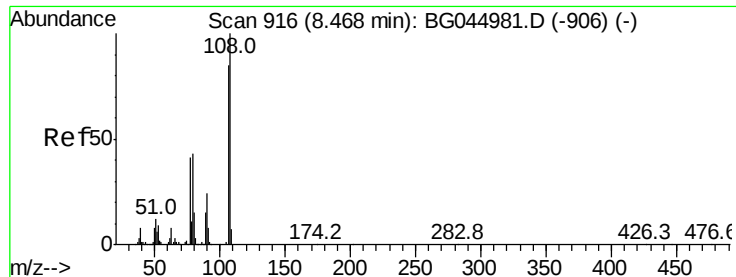
77 21.9 1.9 41.9

79 17.3 0.0 35.5



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





#17

2-Methylphenol

Concen: 47.421 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:107 Resp: 206563

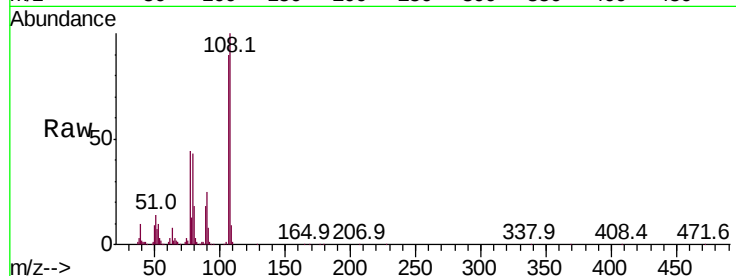
Ion Ratio Lower Upper

107 100

108 111.3 93.8 140.6

77 48.9 38.5 57.7

79 48.0 40.1 60.1

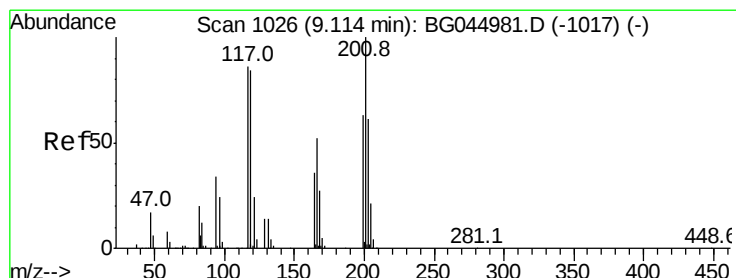
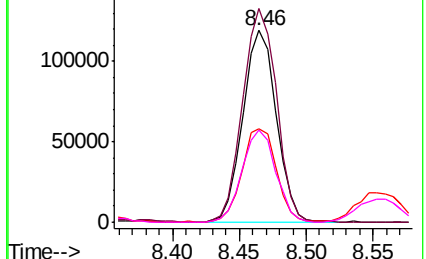
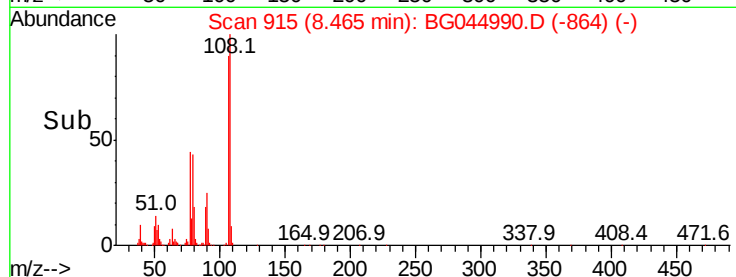


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.629 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

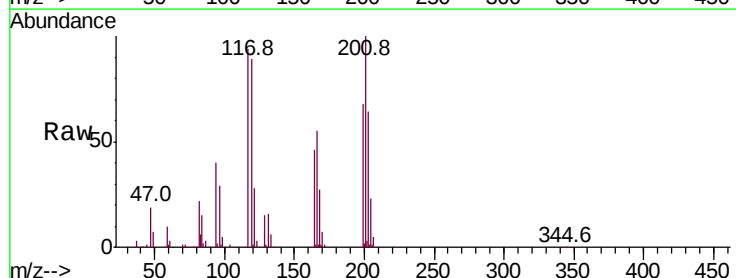
Tgt Ion:117 Resp: 82198

Ion Ratio Lower Upper

117 100

119 94.9 78.3 117.5

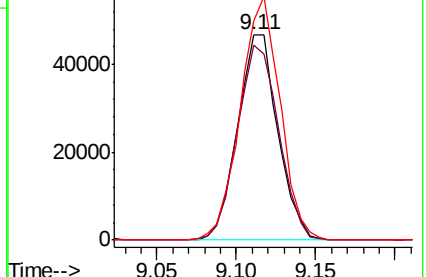
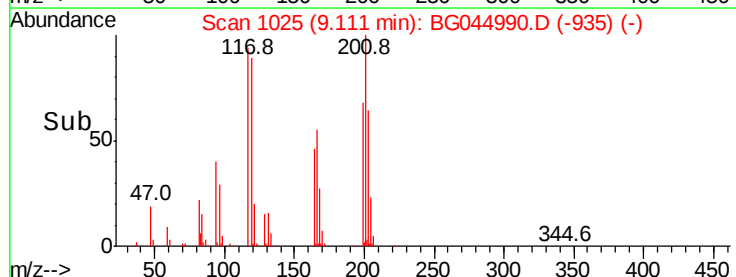
201 106.7 92.9 139.3

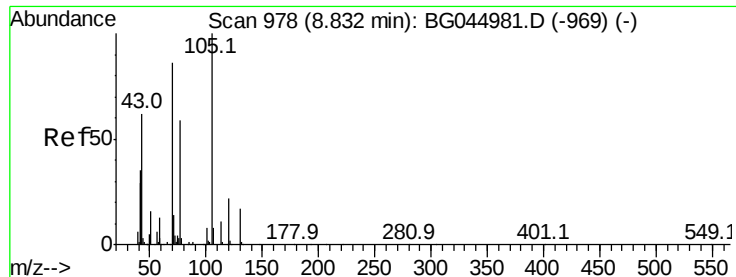


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

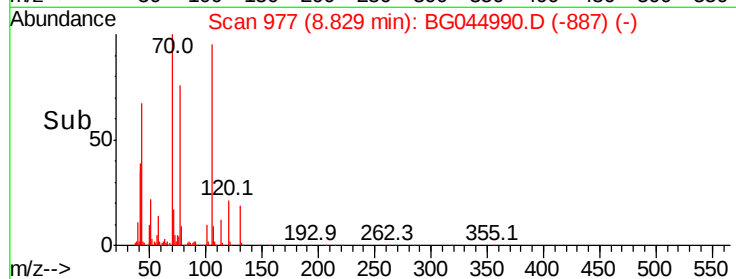
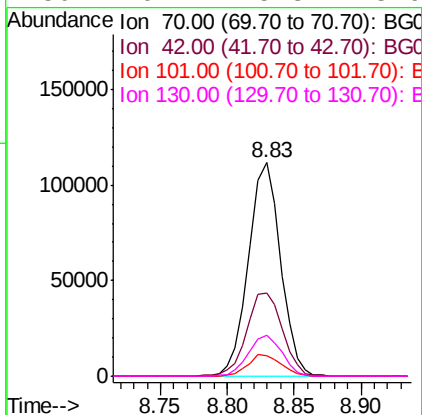
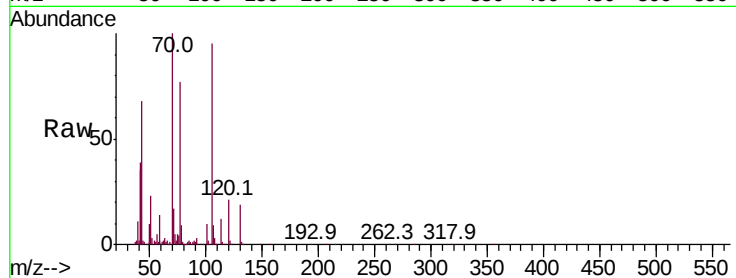




#19
n-Nitroso-di-n-propylamine
Concen: 46.390 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

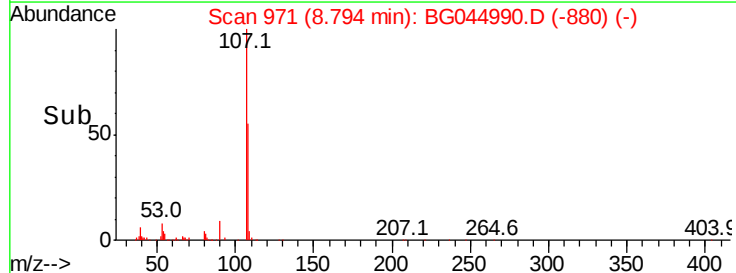
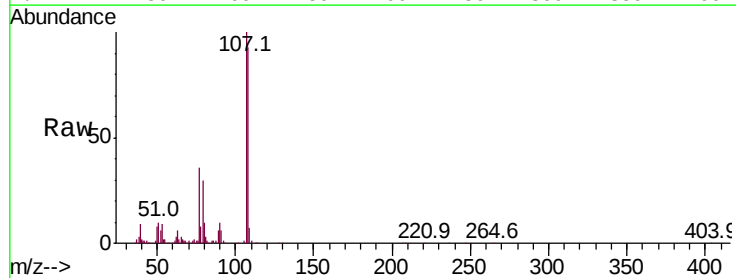
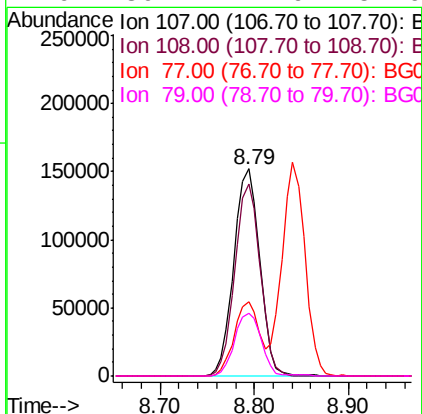
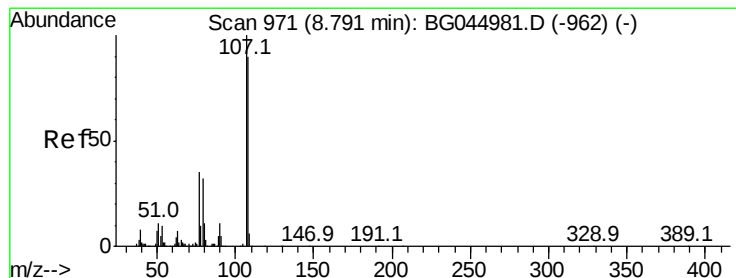
Instrument :
BNA_G
ClientSampleId :
PB128245BS

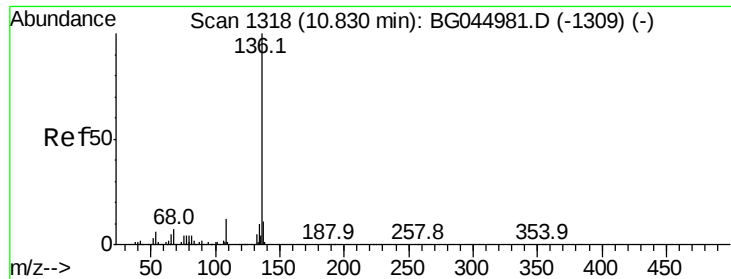
Tot Ion:	70	Resp:	185093
Ion	Ratio	Lower	Upper
70	100		
42	39.0	33.3	49.9
101	9.7	7.8	11.8
130	19.4	15.8	23.6



#20
3+4-Methylphenols
Concen: 48.024 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion:	107	Resp:	292805
Ion	Ratio	Lower	Upper
107	100		
108	92.8	69.9	109.9
77	36.2	15.2	55.2
79	30.1	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:136 Resp: 271945

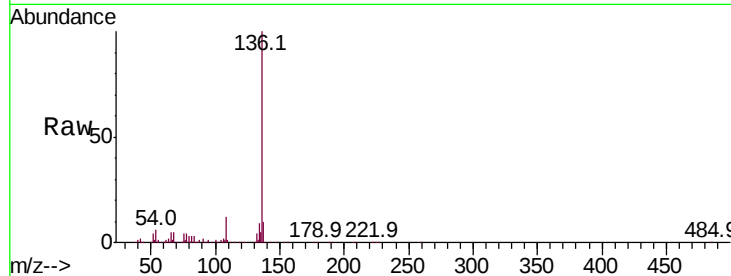
Ion Ratio Lower Upper

136 100

137 9.8 8.6 13.0

54 6.2 4.8 7.2

68 5.4 5.2 7.8

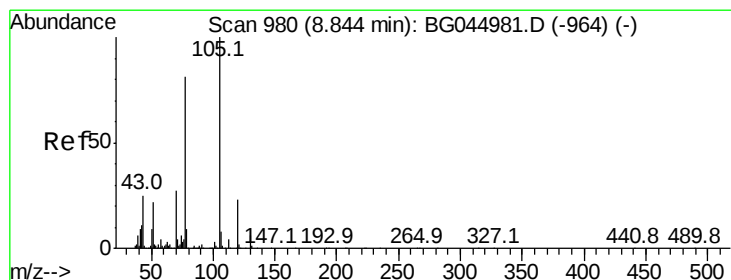
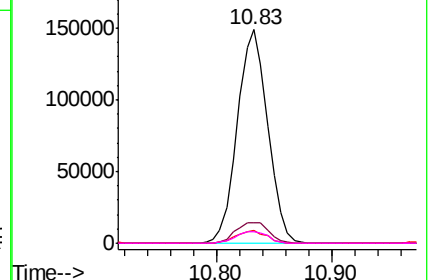
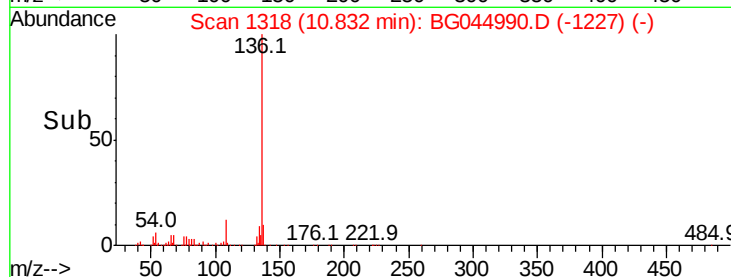


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.845 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:105 Resp: 337146

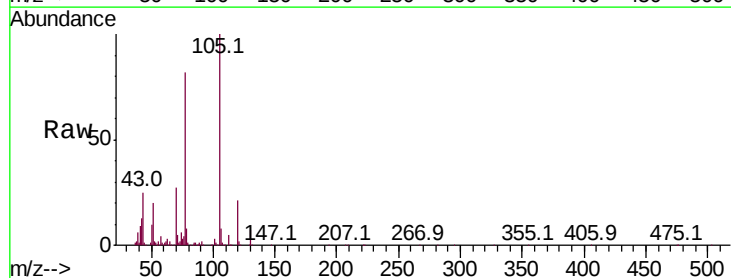
Ion Ratio Lower Upper

105 100

71 4.6 3.3 4.9

51 20.1 17.3 25.9

120 21.3 18.4 27.6

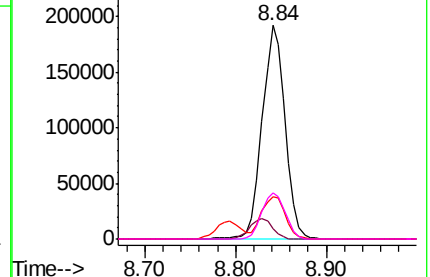
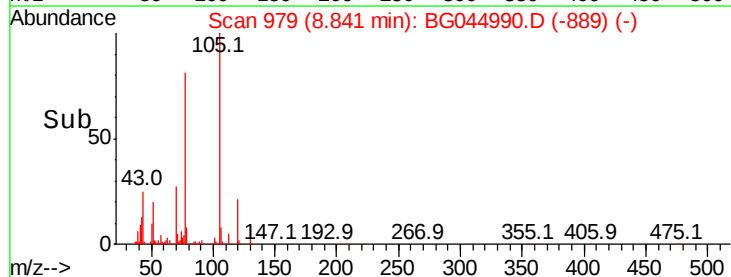


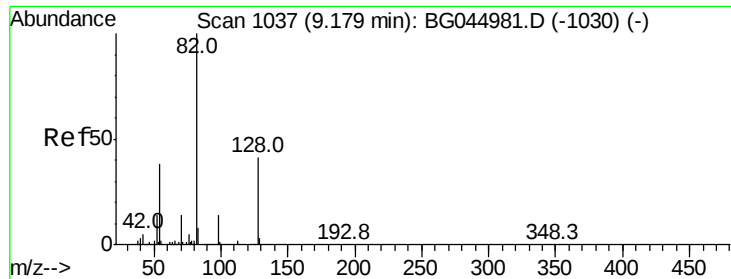
Abundance Ion 105.00 (104.70 to 105.70): E

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

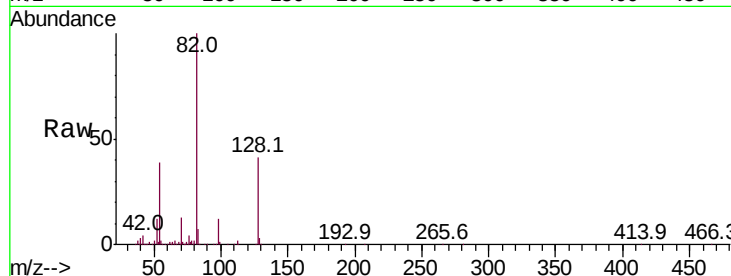




#23
 Nitrobenzene-d5
 Concen: 88.453 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	39.4	30.4	45.6

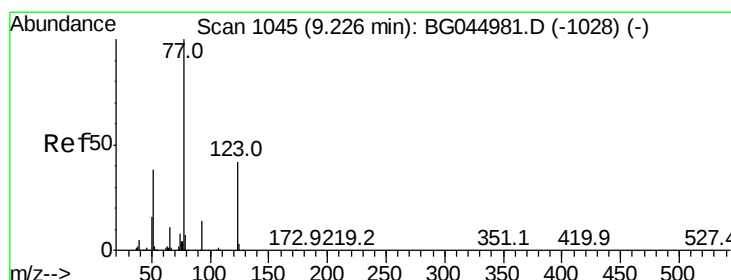
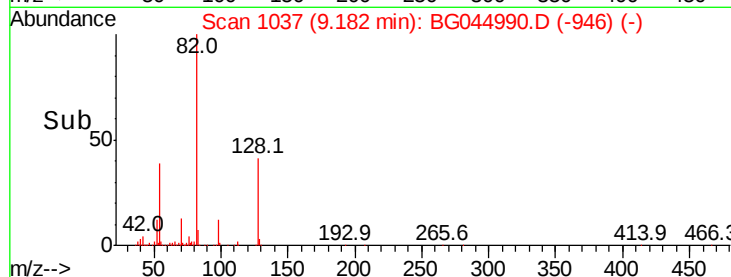
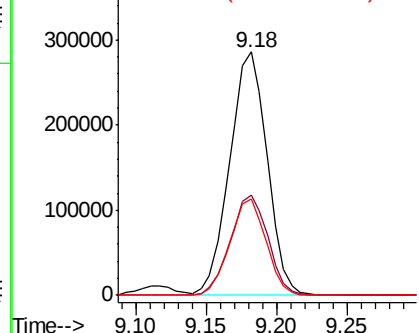


Abundance

Ion 82.00 (81.70 to 82.70): BGC

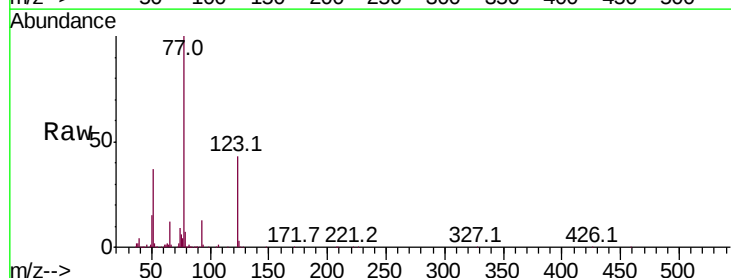
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 44.964 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	34.3	51.5
65	11.9	8.9	13.3

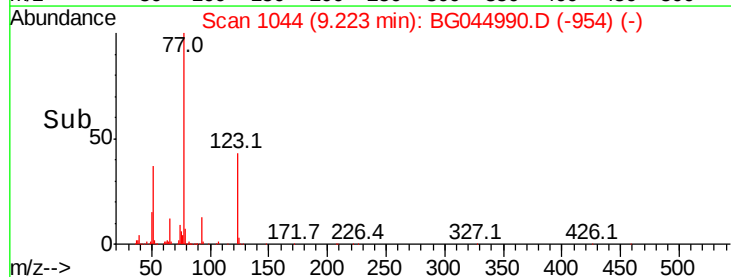
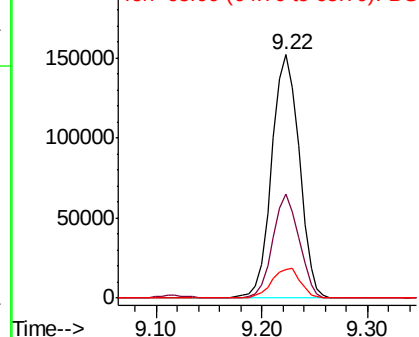


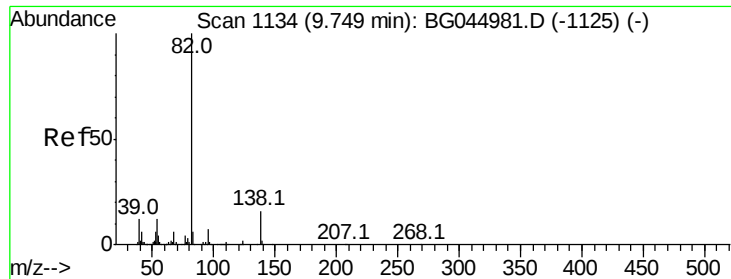
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.342 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

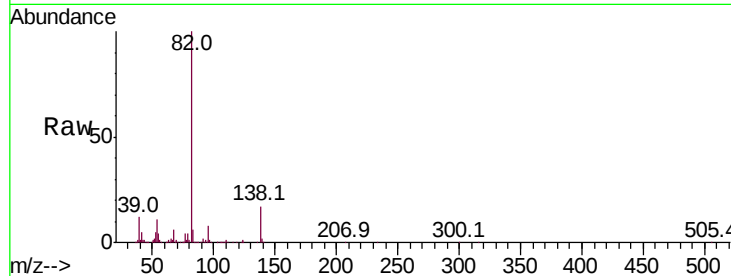
Tot Ion: 82 Resp: 529000

Ion Ratio Lower Upper

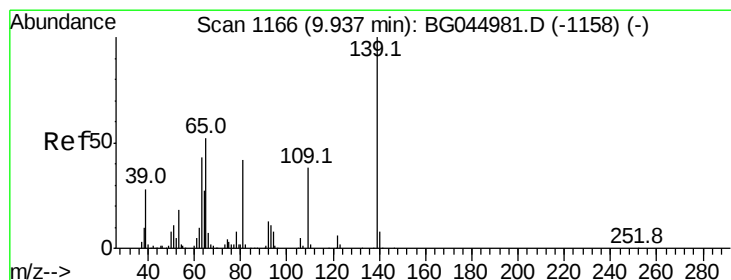
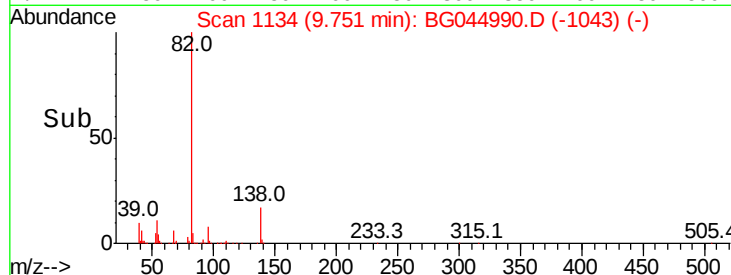
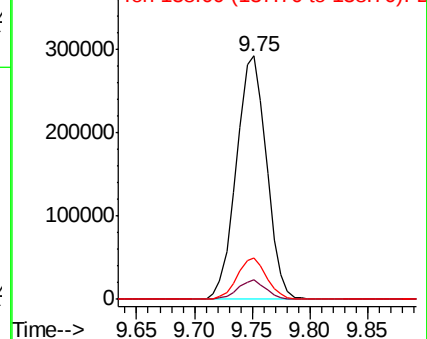
82 100

95 7.8 6.0 9.0

138 17.1 12.7 19.1



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



#26

2-Nitrophenol

Concen: 47.024 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

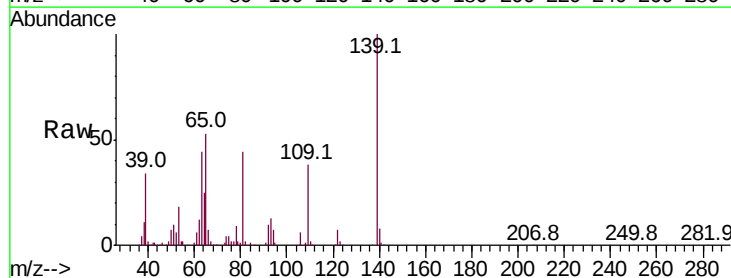
Tgt Ion: 139 Resp: 123744

Ion Ratio Lower Upper

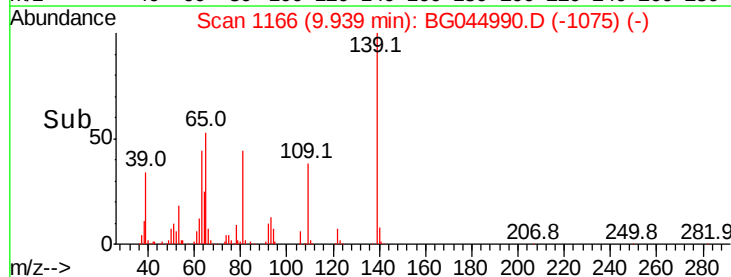
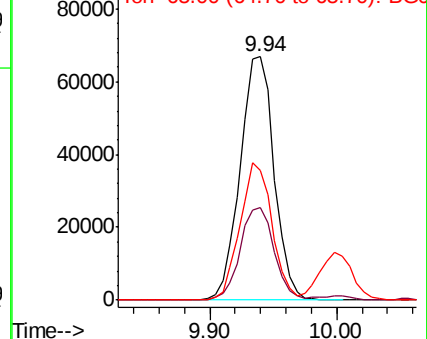
139 100

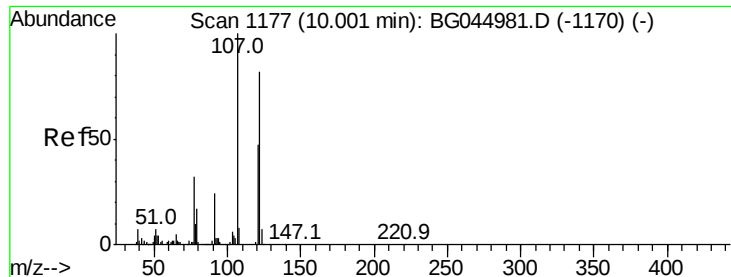
109 37.9 30.6 45.8

65 53.2 41.8 62.6



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





#27

2,4-Dimethylphenol

Concen: 52.458 ng

RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

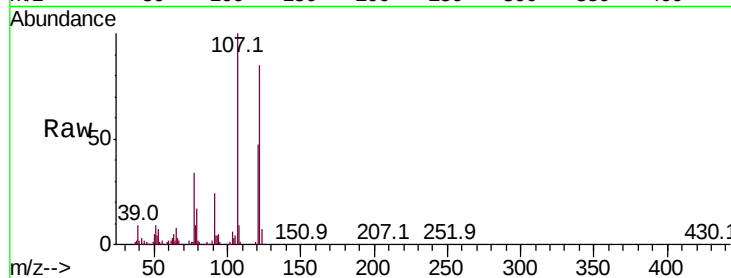
Tot Ion:122 Resp: 219035

Ion Ratio Lower Upper

122 100

107 118.1 96.8 145.2

121 55.7 45.6 68.4

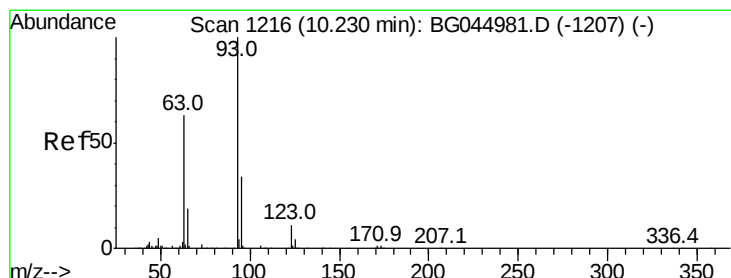
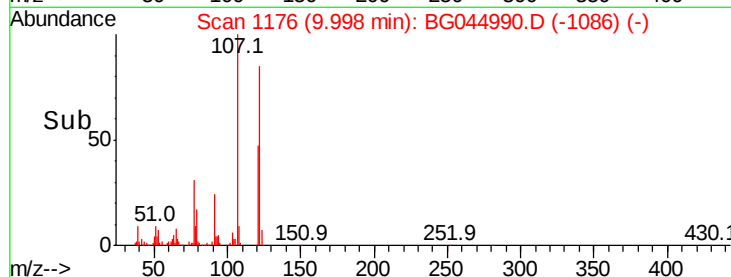
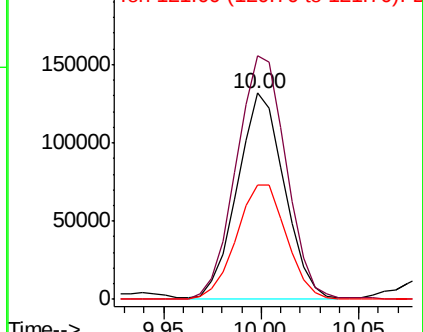


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.327 ng

RT: 10.23 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

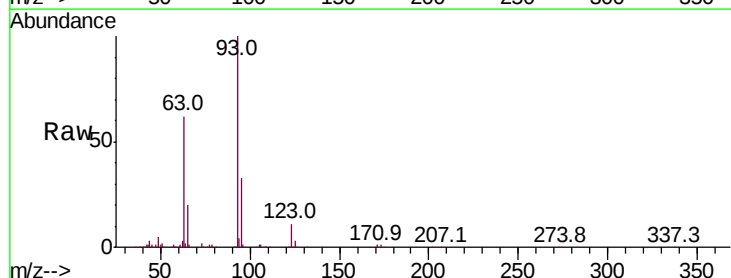
Tgt Ion: 93 Resp: 303493

Ion Ratio Lower Upper

93 100

95 33.3 27.0 40.4

123 11.3 8.7 13.1

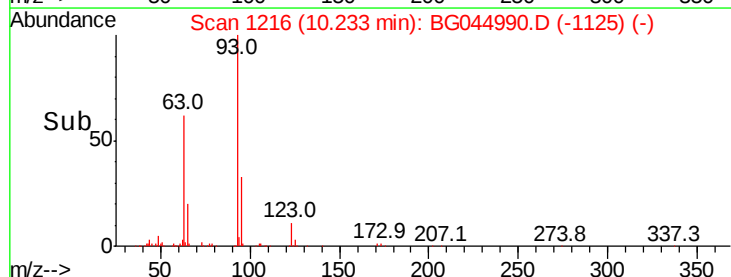
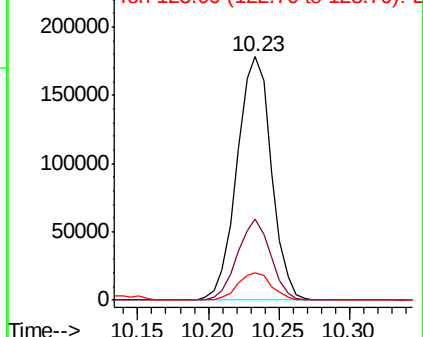


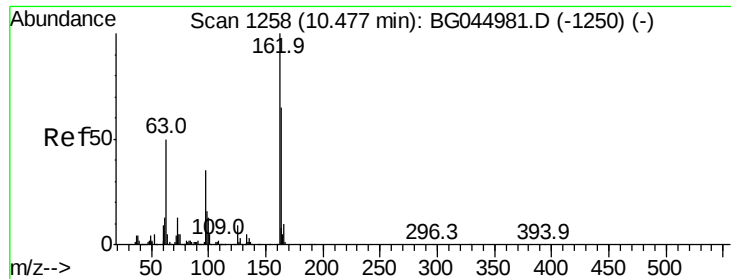
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.975 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

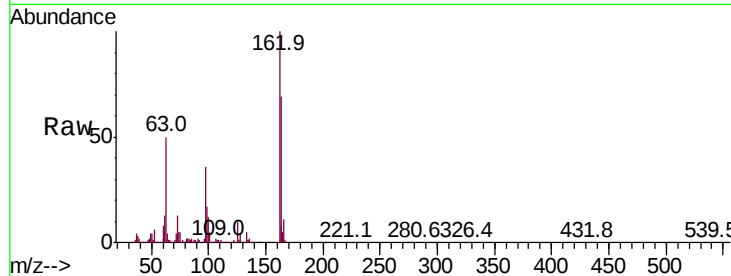
Tot Ion:162 Resp: 245767

Ion Ratio Lower Upper

162 100

164 68.8 45.0 85.0

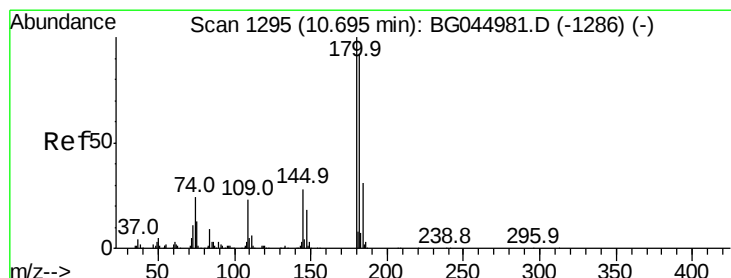
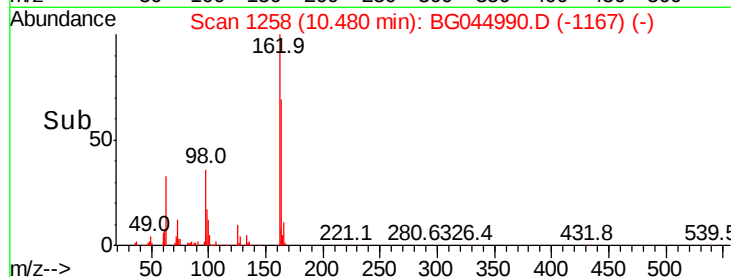
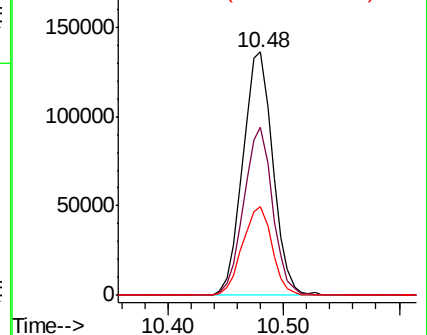
98 36.4 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 44.454 ng

RT: 10.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

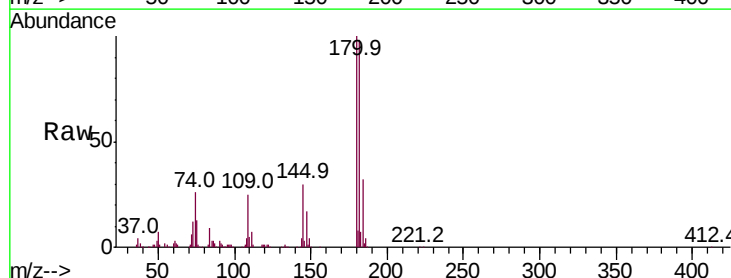
Tgt Ion:180 Resp: 242666

Ion Ratio Lower Upper

180 100

182 98.3 73.3 109.9

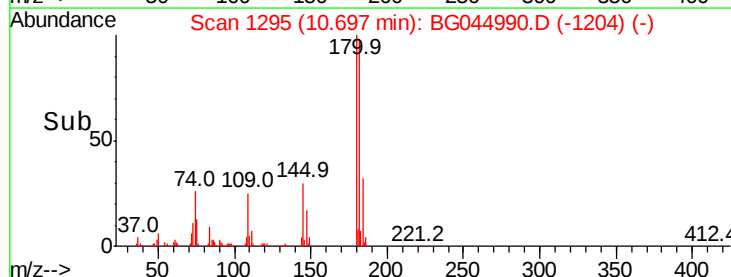
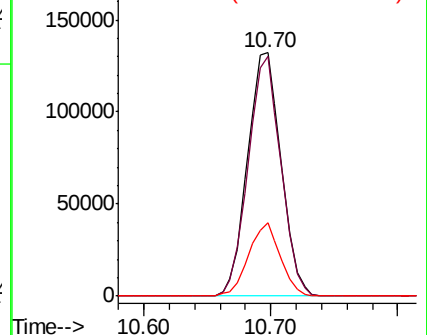
145 30.1 22.6 33.8

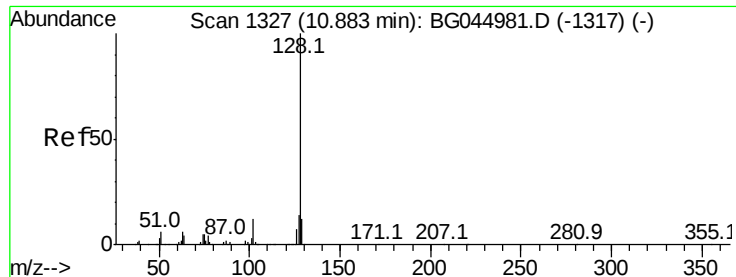


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.542 ng

RT: 10.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

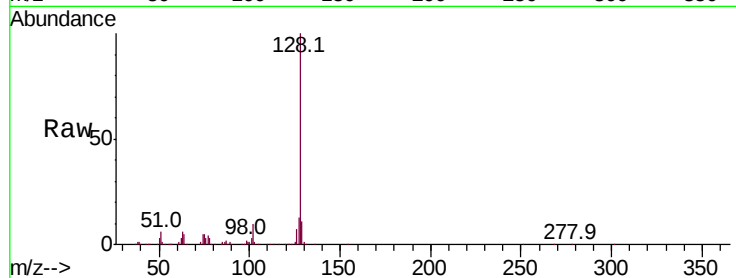
Tot Ion:128 Resp: 692397

Ion Ratio Lower Upper

128 100

129 10.5 9.4 14.2

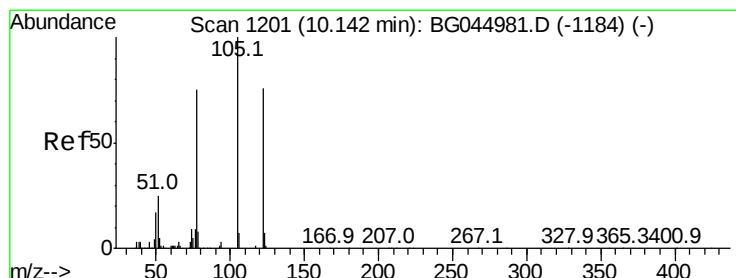
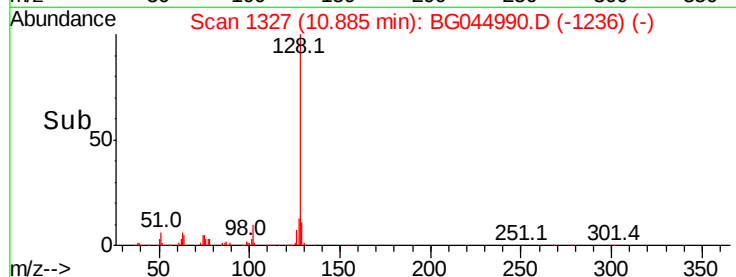
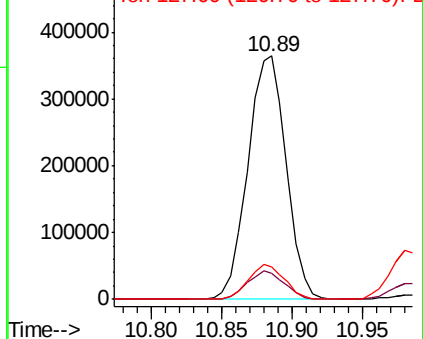
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.083 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

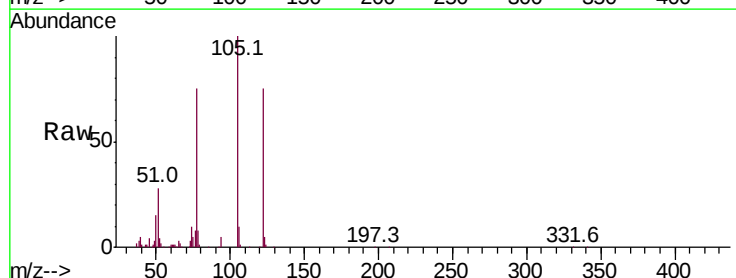
Tgt Ion:122 Resp: 146674

Ion Ratio Lower Upper

122 100

105 133.8 108.4 148.4

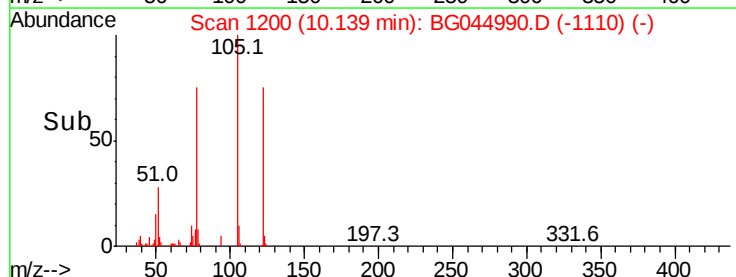
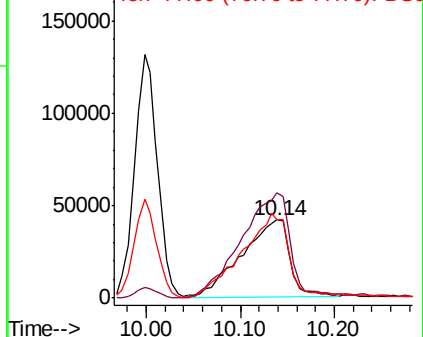
77 100.2 78.8 118.8

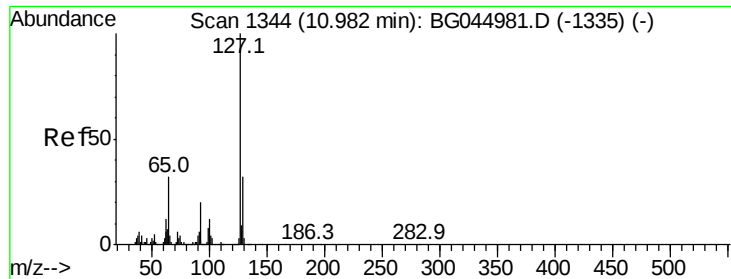


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

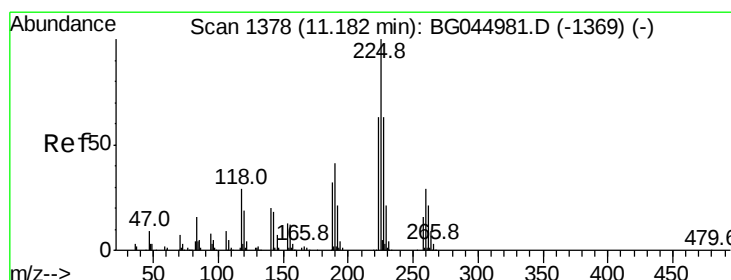
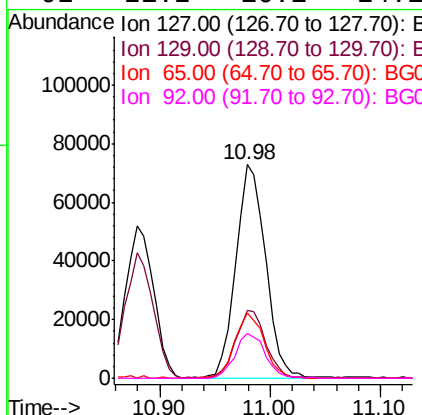
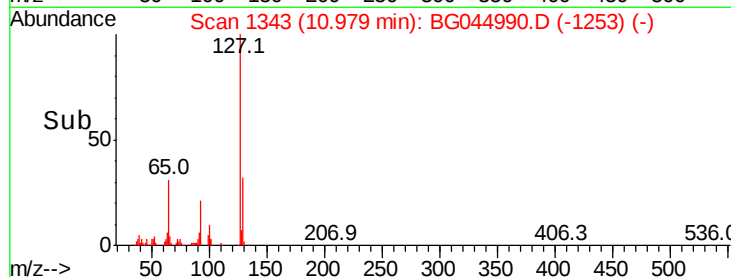
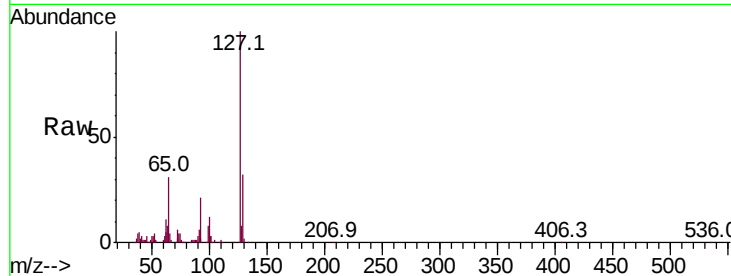




#33
4-Chloroaniline
Concen: 19.841 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

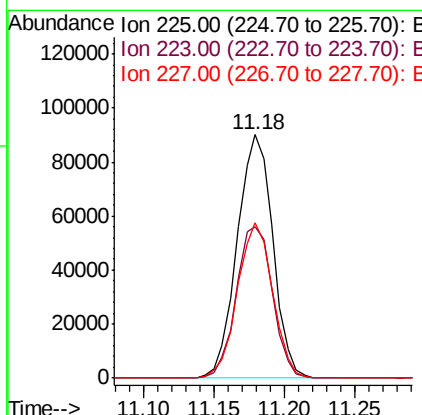
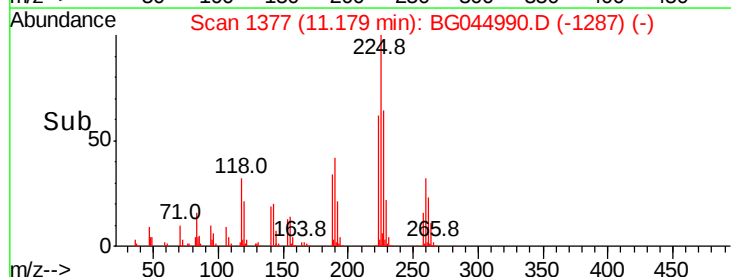
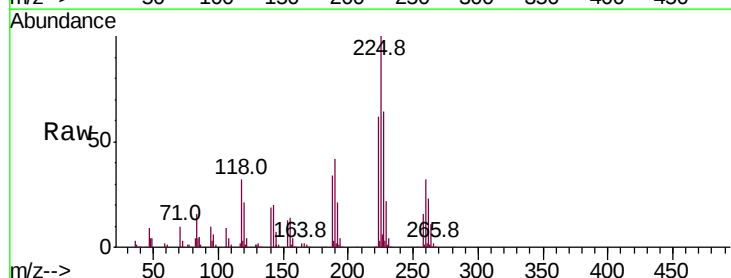
Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:127	Resp:	137659	
Ion Ratio	Lower	Upper	
127 100			
129 32.0	25.7	38.5	
65 30.5	25.4	38.2	
92 21.2	16.1	24.1	



#34
Hexachlorobutadiene
Concen: 42.468 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt	Ion:225	Resp:	158943
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	63.8	50.2	75.2

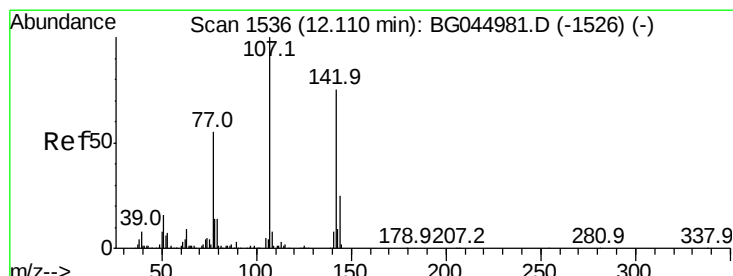
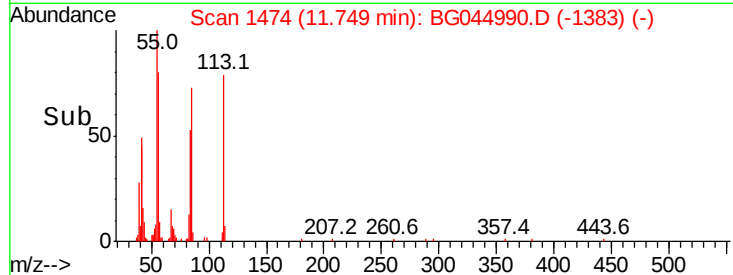
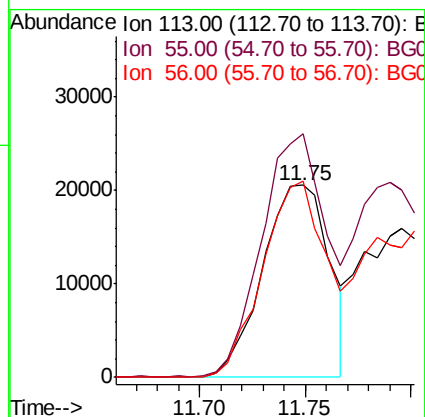
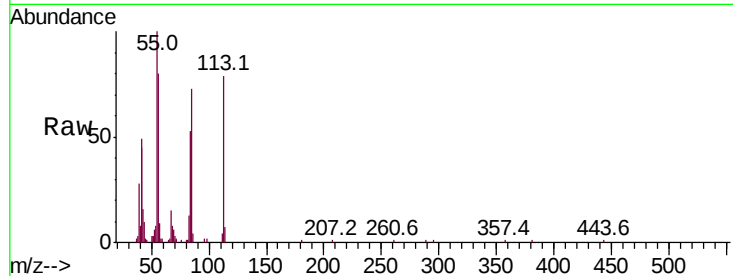




#35
 Caprolactam
 Concen: 23.509 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

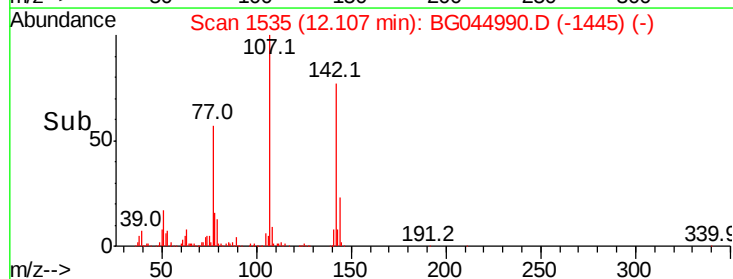
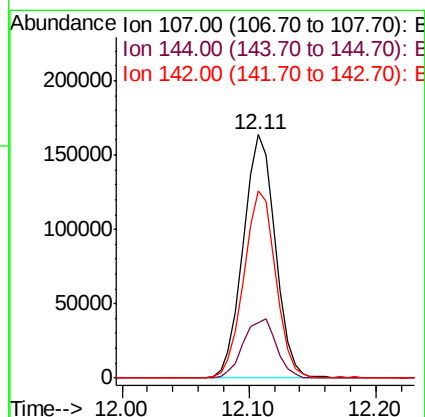
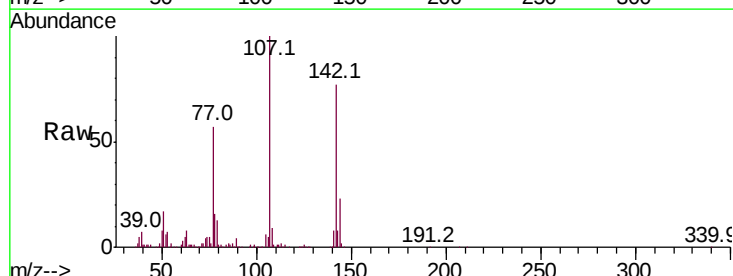
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

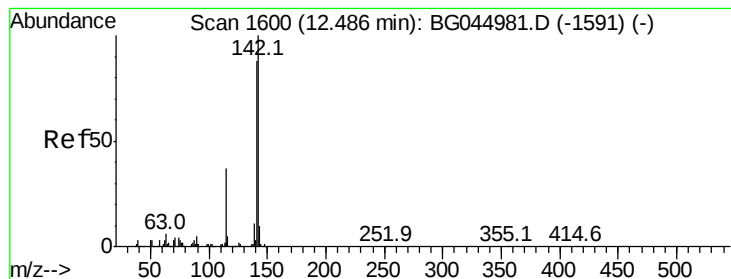
Tot Ion:113 Resp: 45110
 Ion Ratio Lower Upper
 113 100
 55 126.8 118.8 158.8
 56 102.0 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.871 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion:107 Resp: 288122
 Ion Ratio Lower Upper
 107 100
 144 22.6 19.8 29.6
 142 77.0 59.7 89.5





#37

2-Methylnaphthalene

Concen: 47.011 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

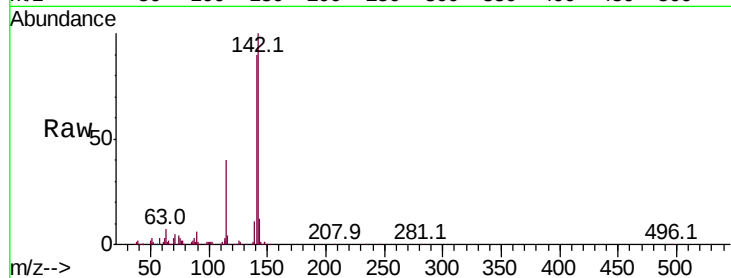
Tot Ion:142 Resp: 542838

Ion Ratio Lower Upper

142 100

141 90.0 70.3 105.5

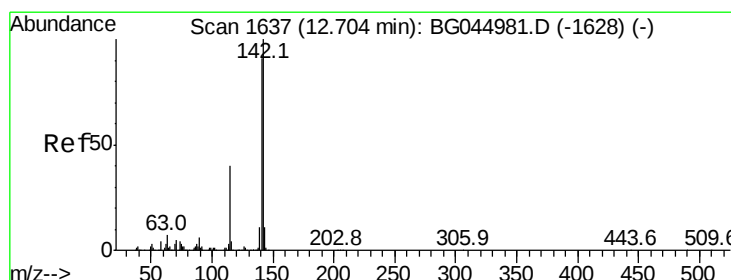
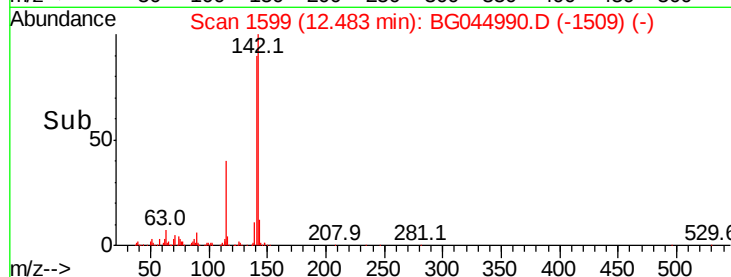
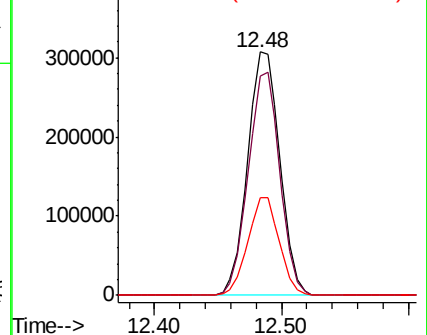
115 40.1 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.299 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

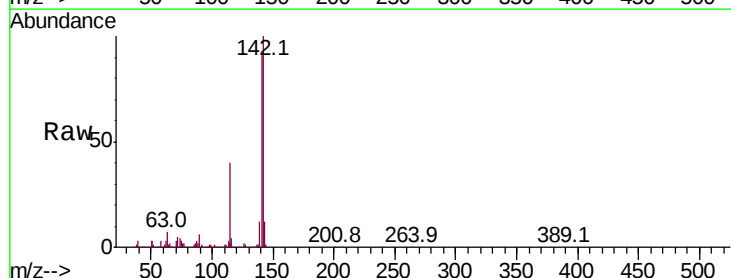
Tgt Ion:142 Resp: 526501

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1

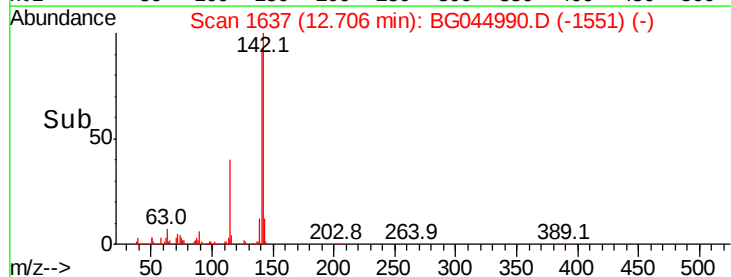
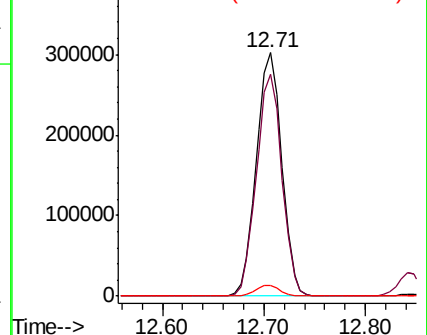
116 4.3 3.1 4.7

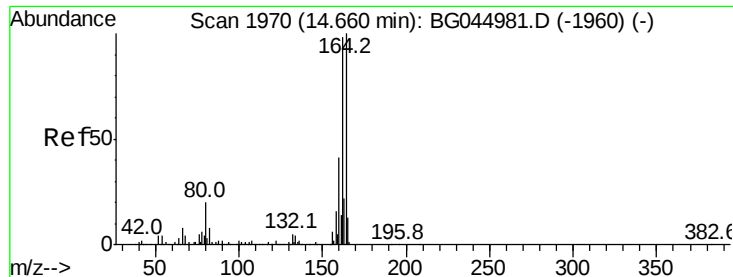


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

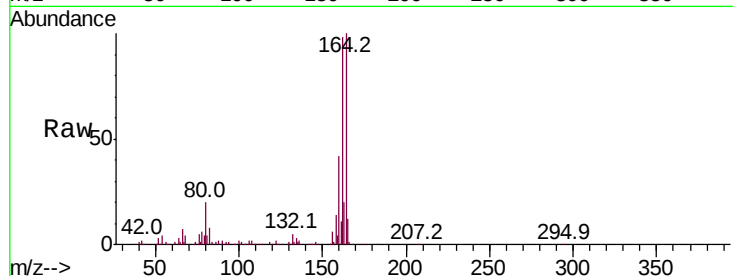
Tot Ion:164 Resp: 214649

Ion Ratio Lower Upper

164 100

162 97.9 78.7 118.1

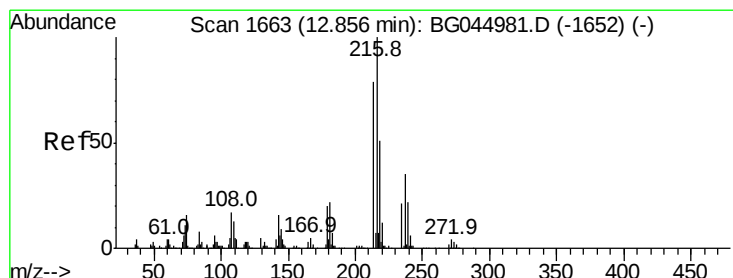
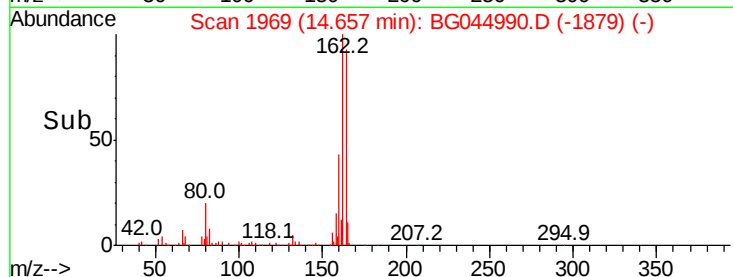
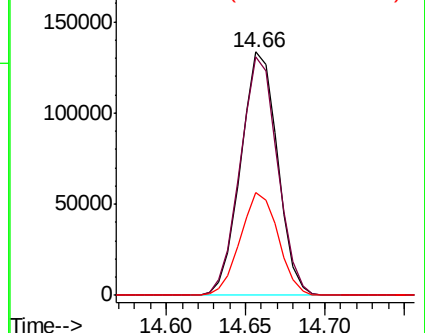
160 42.4 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.038 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:216 Resp: 290528

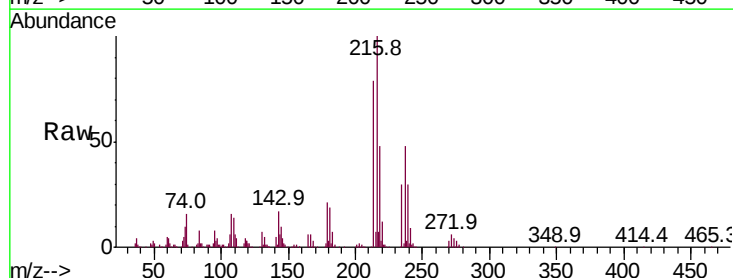
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 20.4 15.8 23.8

108 19.2 14.2 21.2

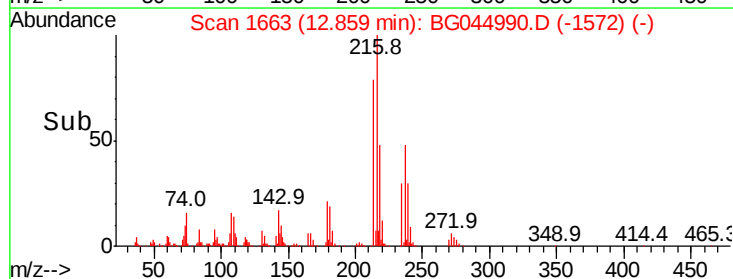
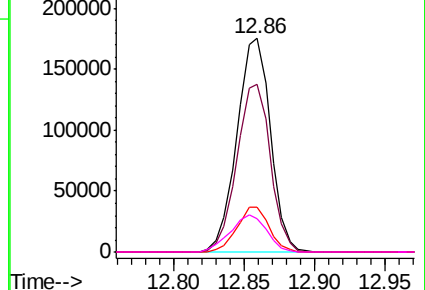


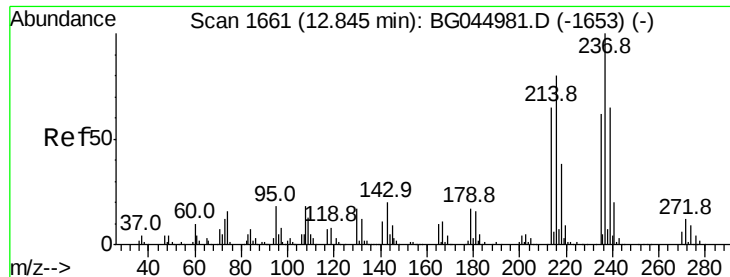
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.143 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

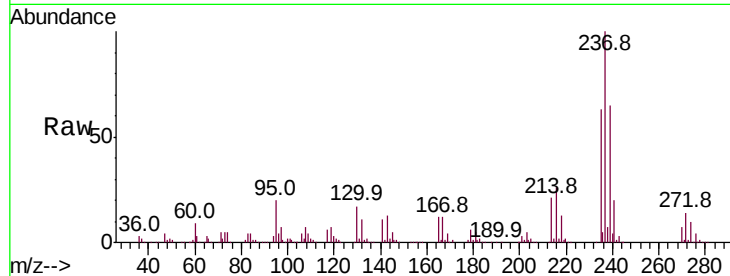
Tot Ion:237 Resp: 410975

Ion Ratio Lower Upper

237 100

235 63.2 41.6 81.6

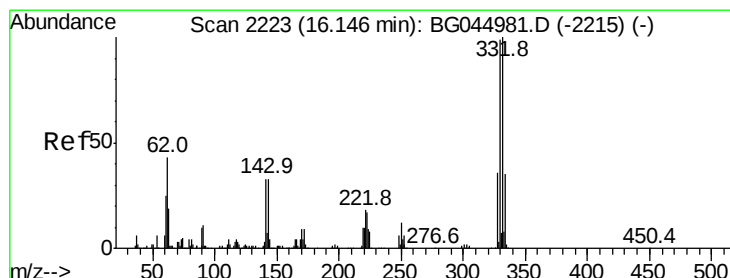
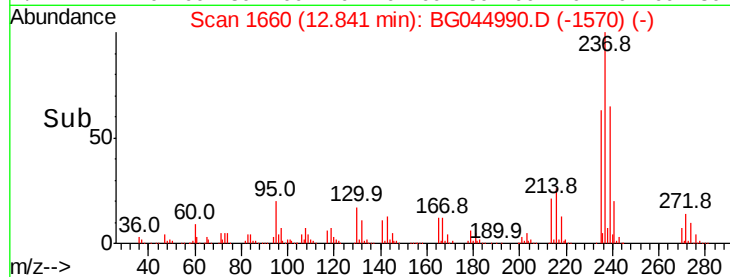
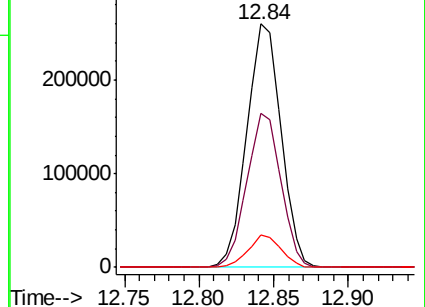
272 13.6 0.0 32.1



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: 138.713 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

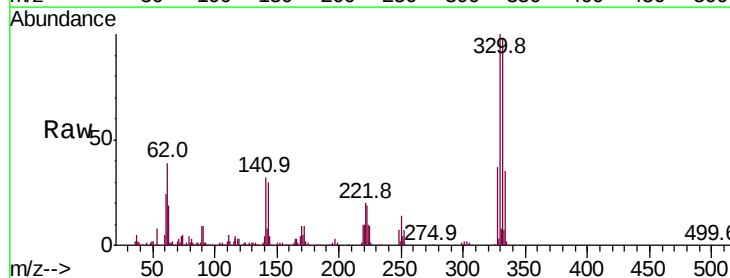
Tgt Ion:330 Resp: 459978

Ion Ratio Lower Upper

330 100

332 98.3 79.1 118.7

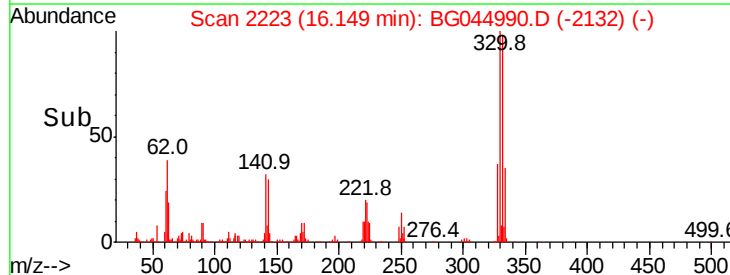
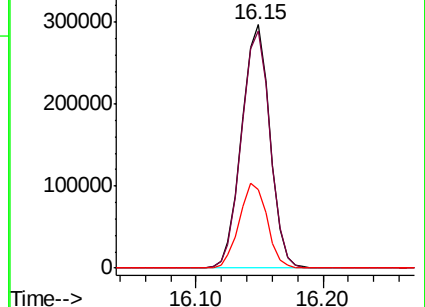
141 34.3 27.1 40.7

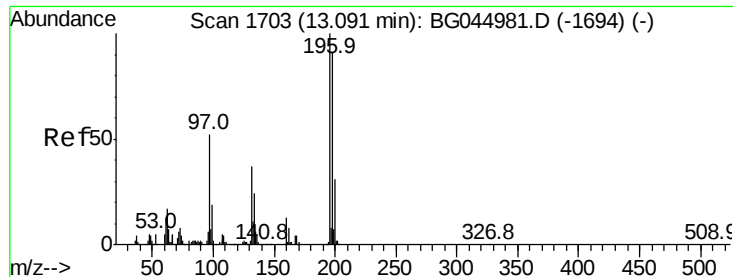


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

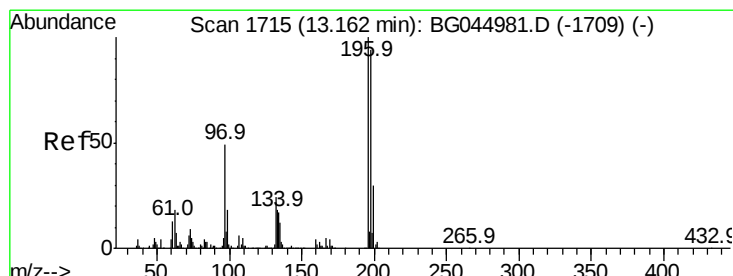
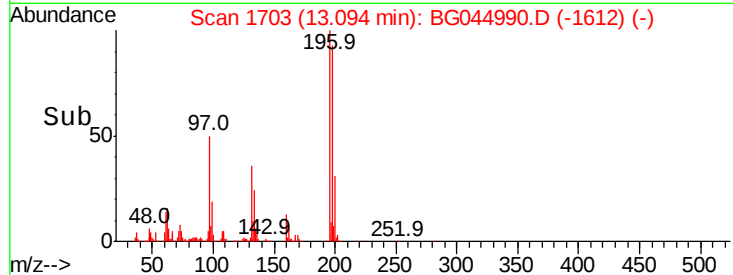
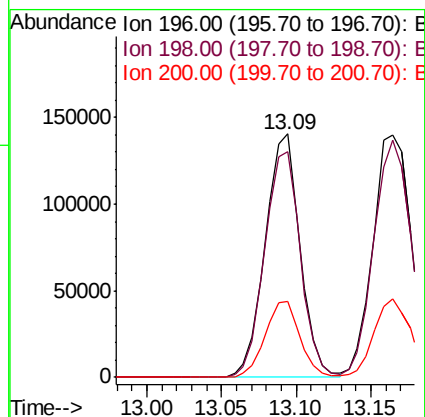
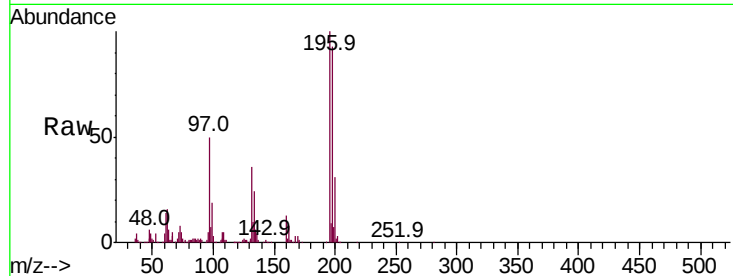




#43
 2,4,6-Trichlorophenol
 Concen: 46.508 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

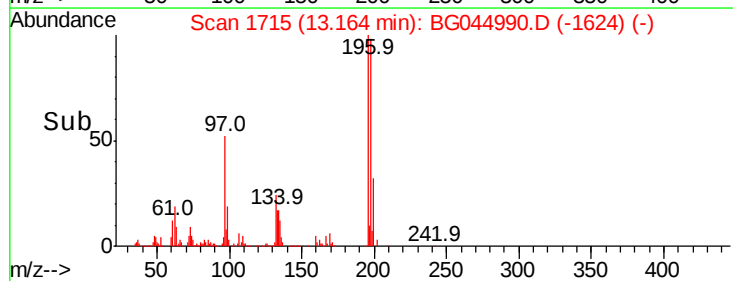
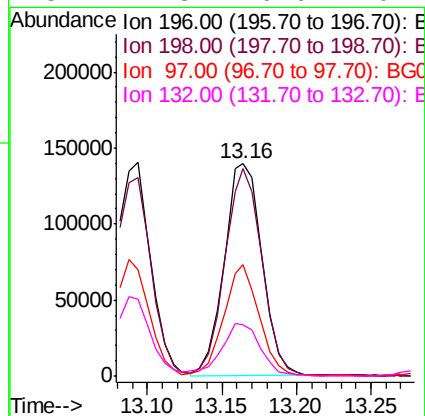
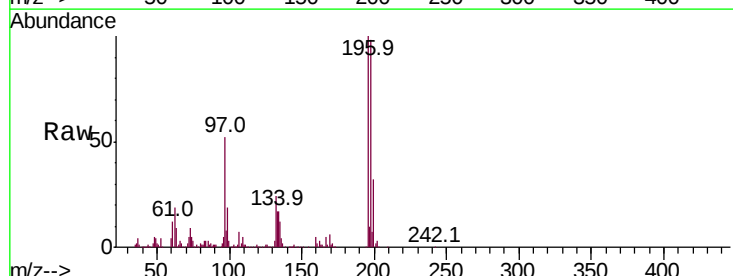
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

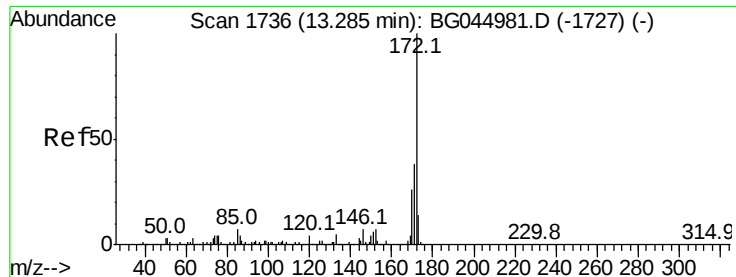
Tot Ion:196	Resp:	226847
Ion Ratio	Lower	Upper
196	100	
198	93.0	72.5 108.7
200	31.4	24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.503 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion:196	Resp:	247084
Ion Ratio	Lower	Upper
196	100	
198	97.8	75.7 113.5
97	52.2	39.6 59.4
132	24.3	19.6 29.4

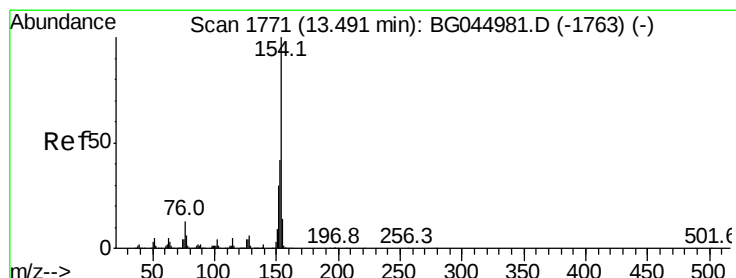
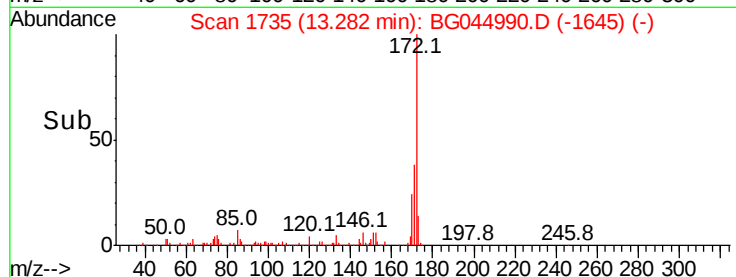
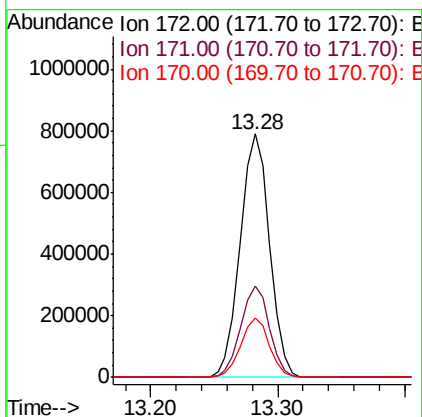
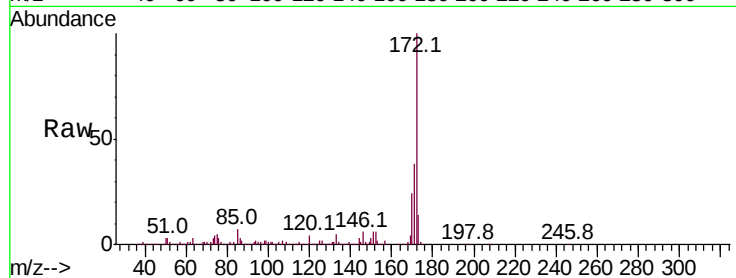




#45
2-Fluorobiphenyl
Concen: 86.362 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

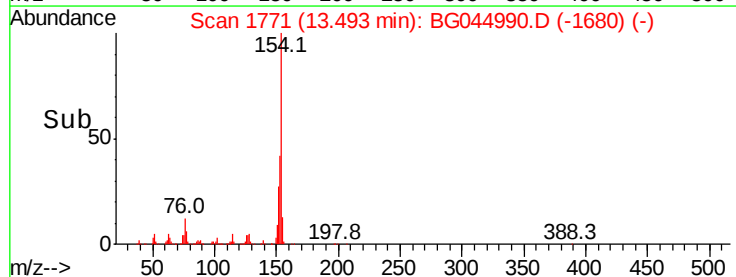
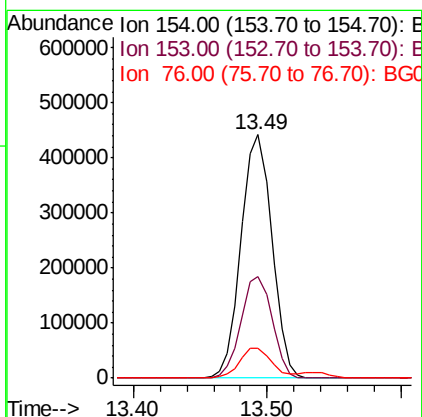
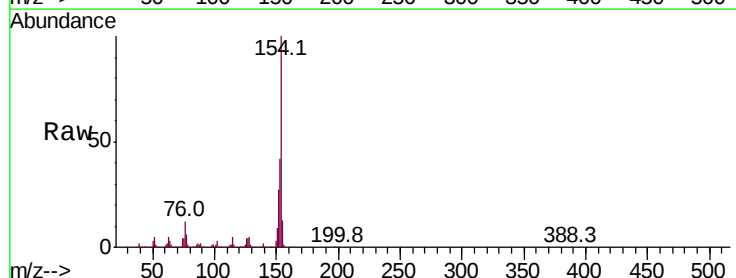
Instrument :
BNA_G
ClientSampleId :
PB128245BS

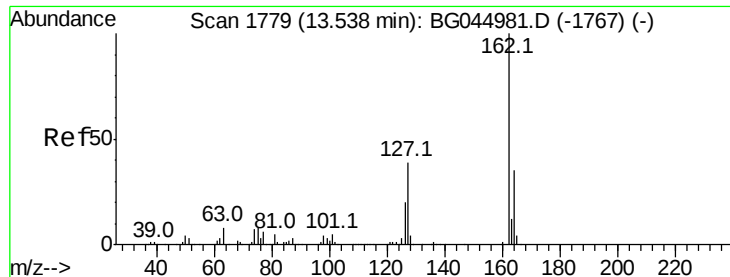
Tot Ion:172 Resp: 1264224
Ion Ratio Lower Upper
172 100
171 37.5 30.6 46.0
170 24.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 43.364 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion:154 Resp: 707482
Ion Ratio Lower Upper
154 100
153 41.6 21.9 61.9
76 12.3 0.0 33.1

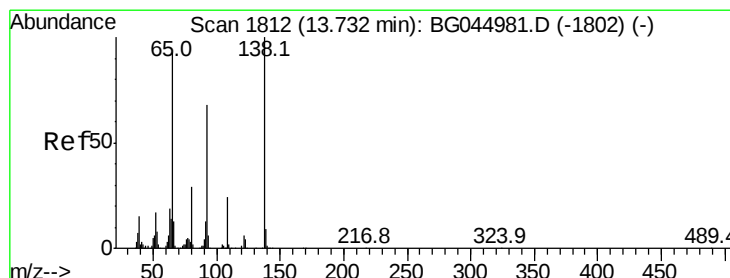
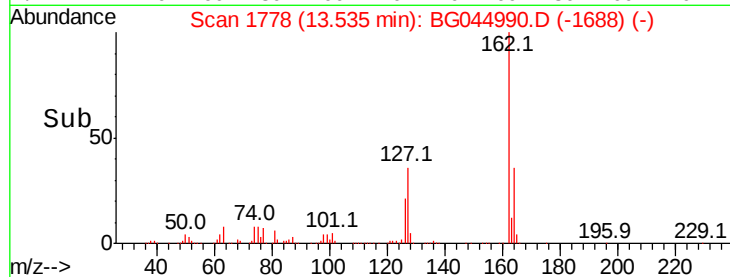
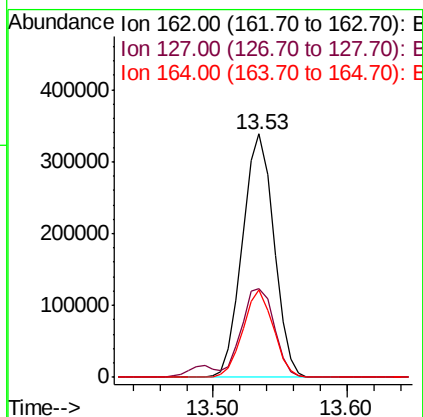
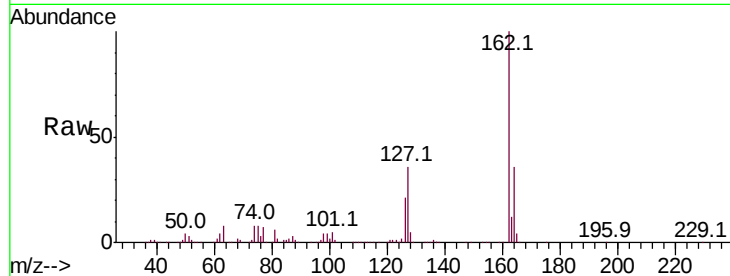




#47
2-Chloronaphthalene
Concen: 44.146 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

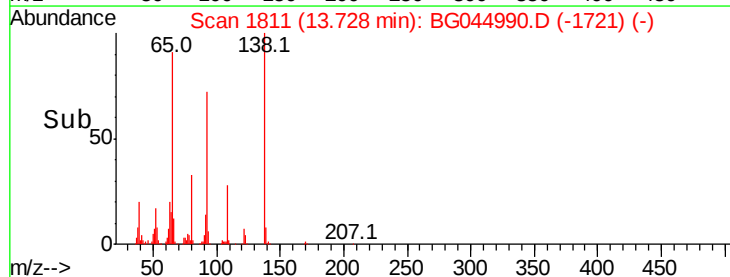
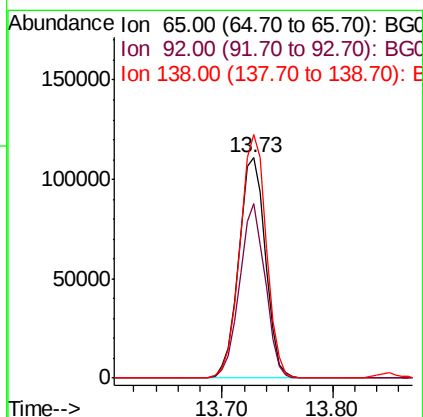
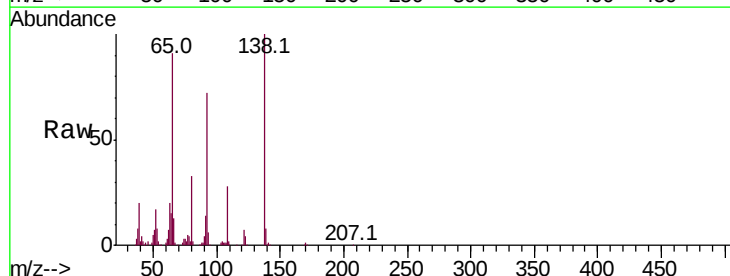
Instrument :
BNA_G
ClientSampleId :
PB128245BS

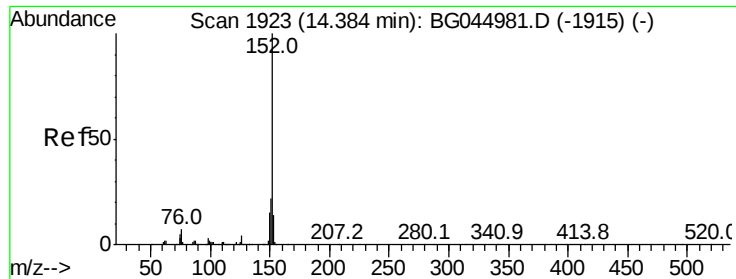
Tot Ion:162 Resp: 550331
Ion Ratio Lower Upper
162 100
127 36.2 31.3 46.9
164 35.8 27.8 41.8



#48
2-Nitroaniline
Concen: 46.166 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion: 65 Resp: 189355
Ion Ratio Lower Upper
65 100
92 79.0 58.3 87.5
138 110.5 85.6 128.4





#49

Acenaphthylene

Concen: 45.892 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

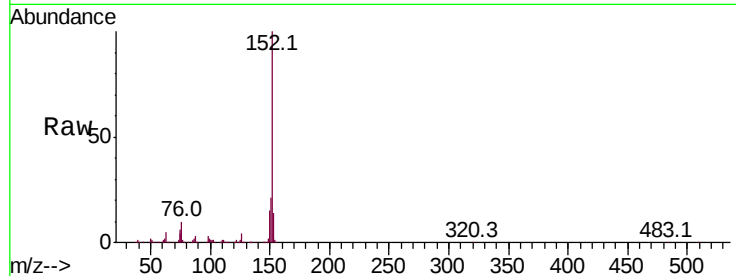
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:152 Resp: 931859

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	14.4	11.0	16.4

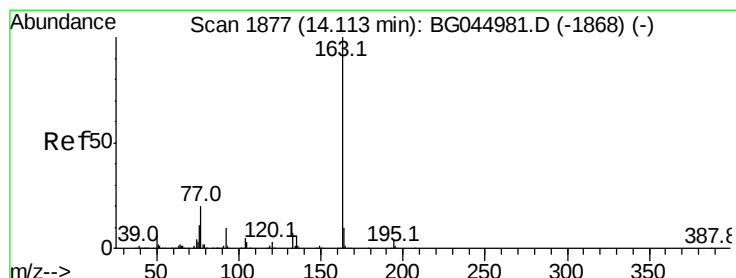
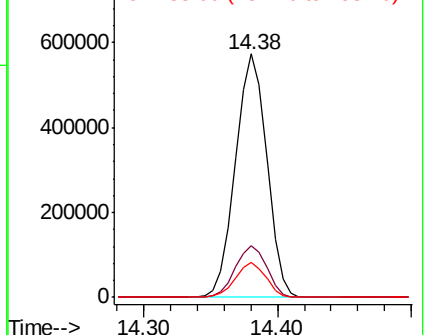
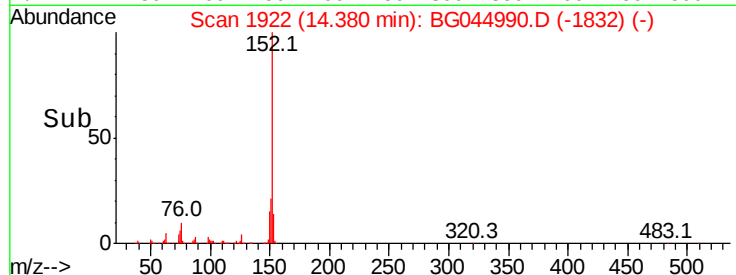


Abundance

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: 46.638 ng

RT: 14.11 min Scan# 1876

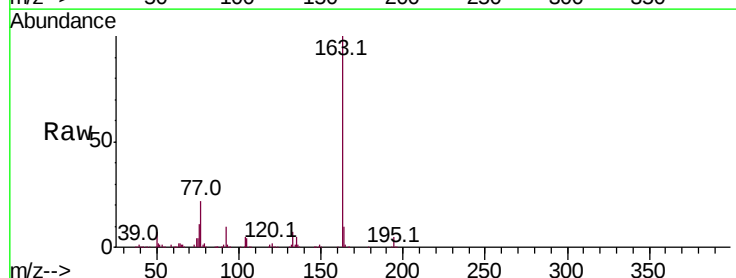
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:163 Resp: 815128

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.4	8.2	12.4

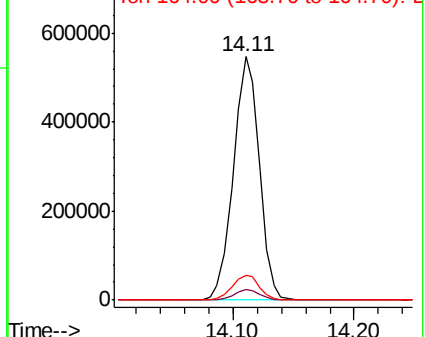
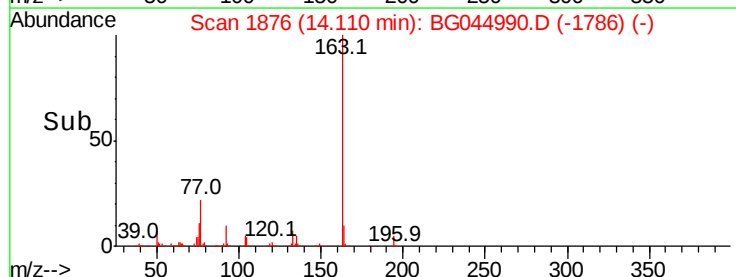


Abundance

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

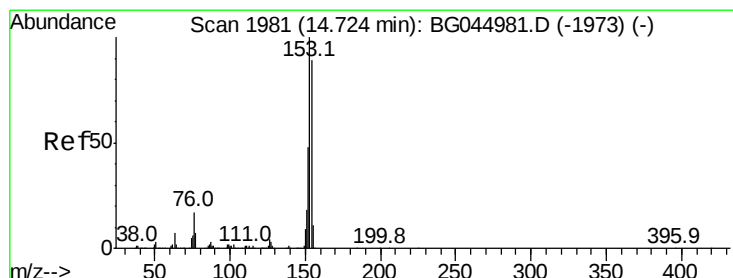
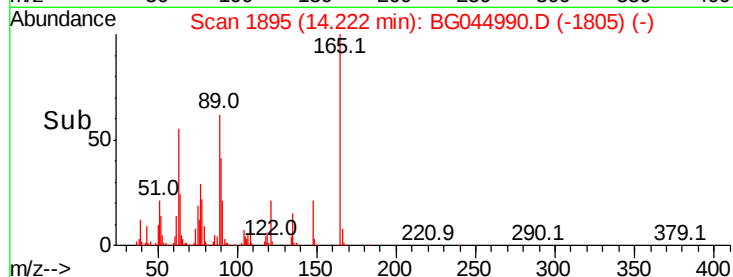
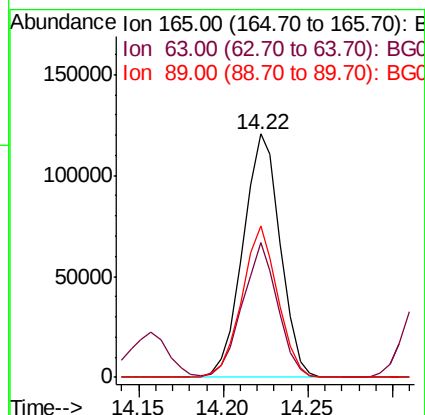
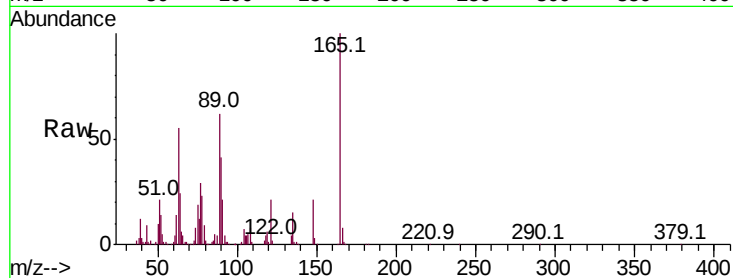




#51
 2,6-Dinitrotoluene
 Concen: 47.316 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

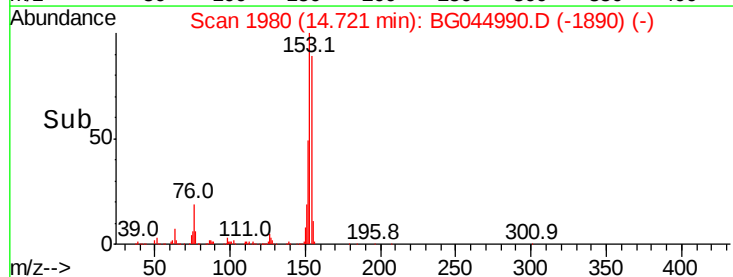
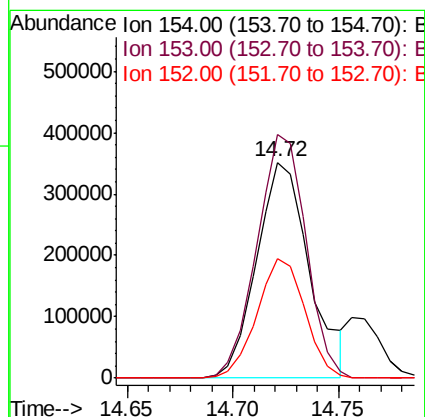
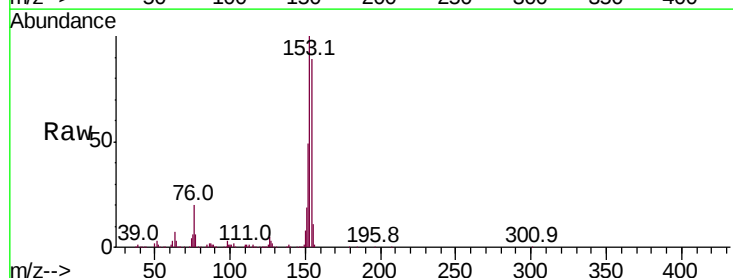
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

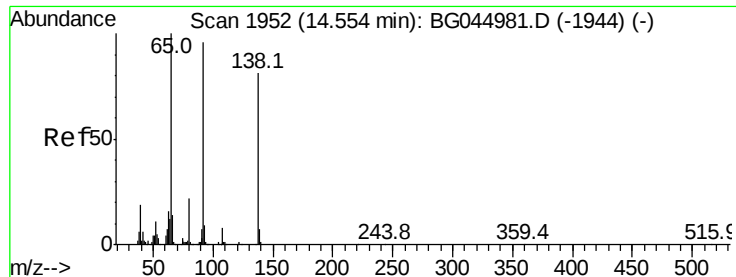
Tot Ion:165 Resp: 184972
 Ion Ratio Lower Upper
 165 100
 63 55.4 40.4 60.6
 89 62.0 49.1 73.7



#52
 Acenaphthene
 Concen: 44.491 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion:154 Resp: 611247
 Ion Ratio Lower Upper
 154 100
 153 112.7 89.7 134.5
 152 55.1 43.1 64.7

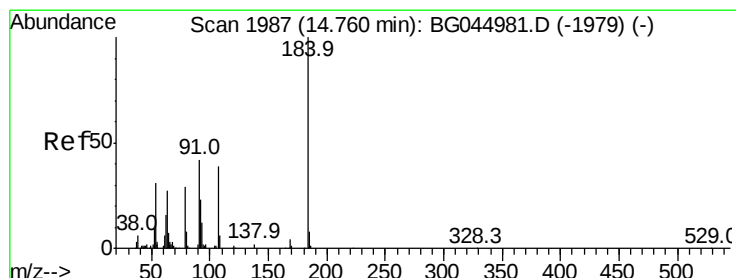
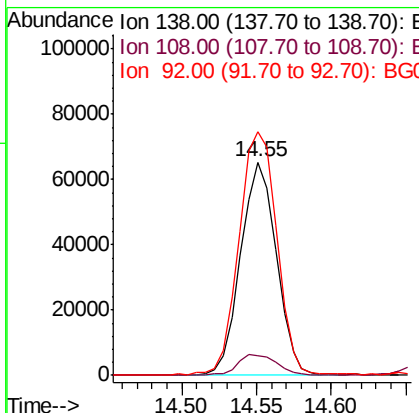
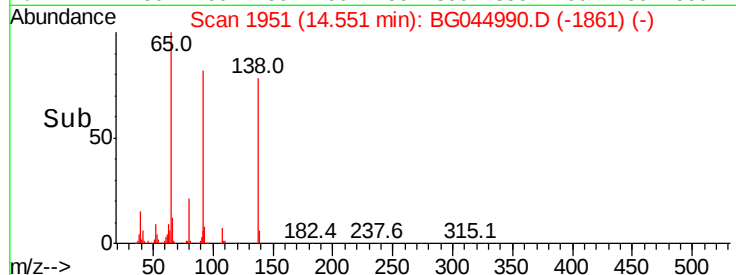
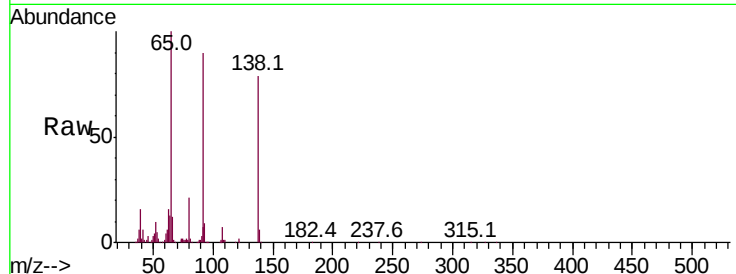




#53
3-Nitroaniline
Concen: 25.234 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

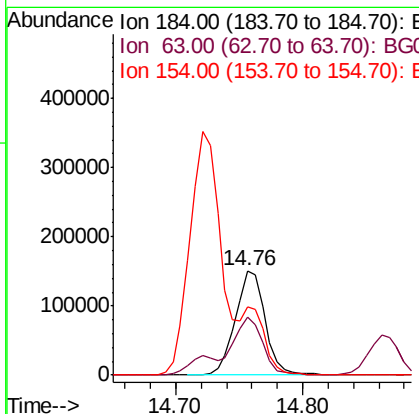
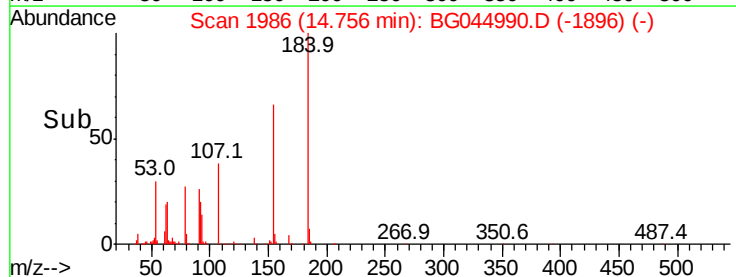
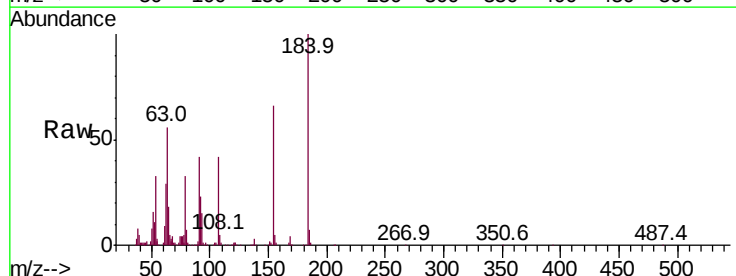
Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:138 Resp: 108193
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.8
92 114.3 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 105.437 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion:184 Resp: 245094
Ion Ratio Lower Upper
184 100
63 55.5 41.5 62.3
154 65.8 52.3 78.5





#55

Dibenzenofuran

Concen: 45.948 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

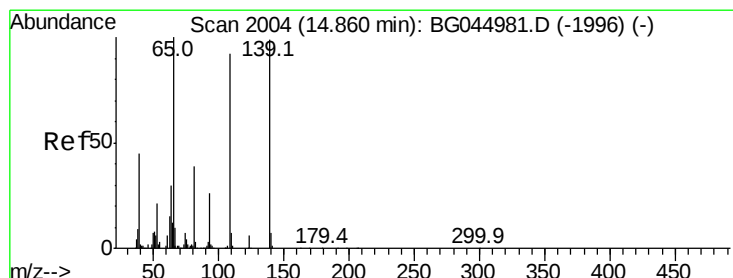
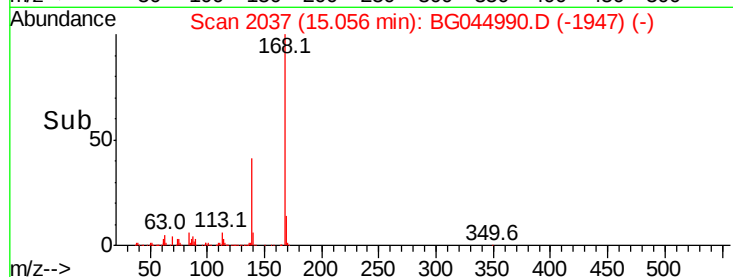
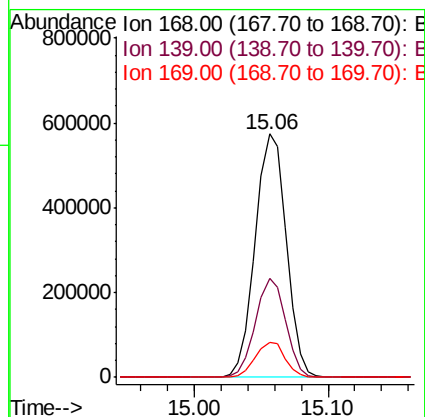
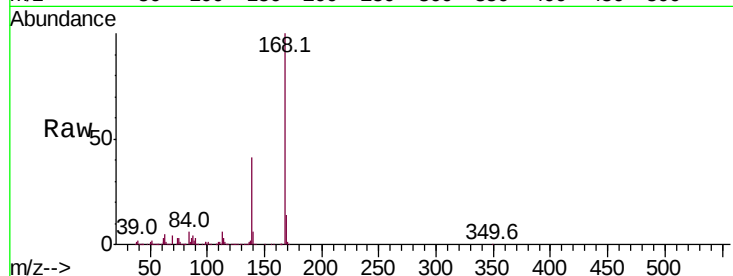
Tot Ion:168 Resp: 920337

Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.4	45.6
169	14.1	11.0	16.4

168 100

139 40.8 30.4 45.6

169 14.1 11.0 16.4



#56

4-Nitrophenol

Concen: 97.859 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

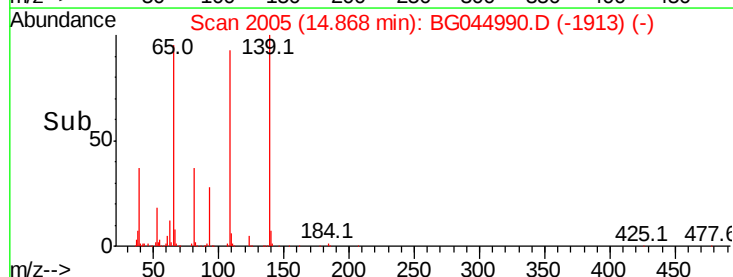
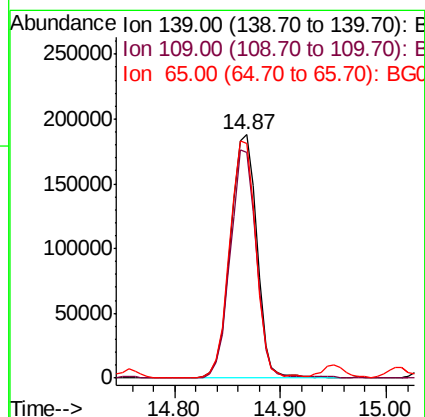
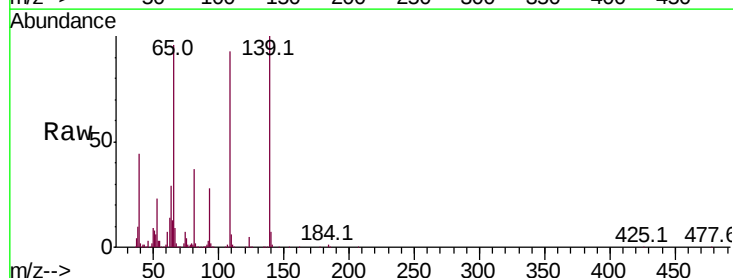
Tgt Ion:139 Resp: 325324

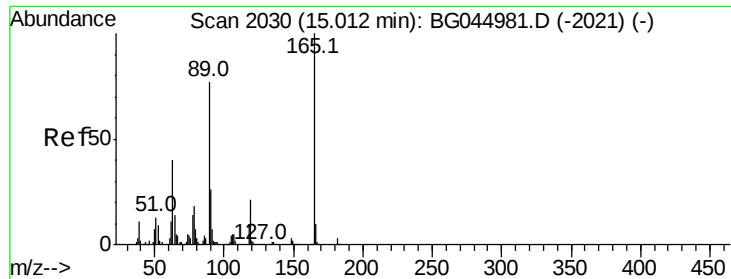
Ion	Ratio	Lower	Upper
139	100		
109	92.6	73.6	113.6
65	96.5	81.2	121.2

139 100

109 92.6 73.6 113.6

65 96.5 81.2 121.2

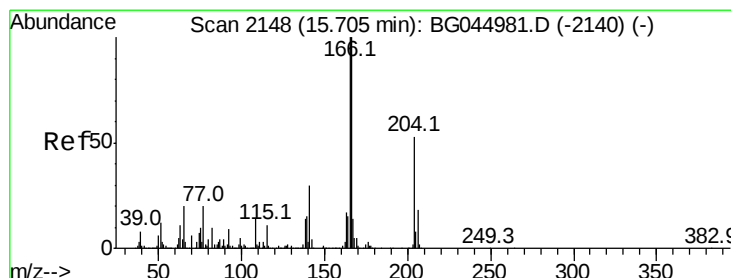
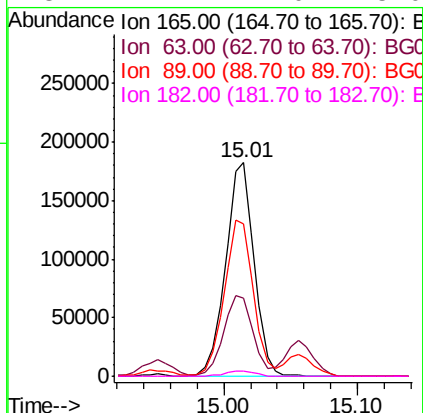
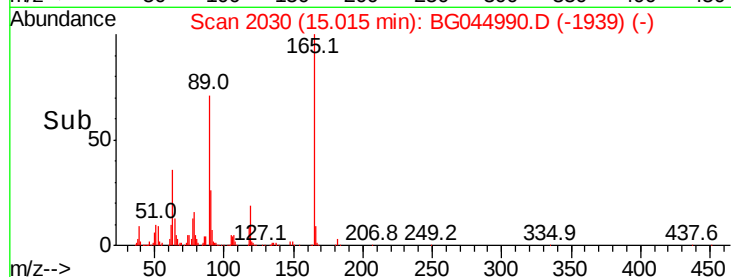
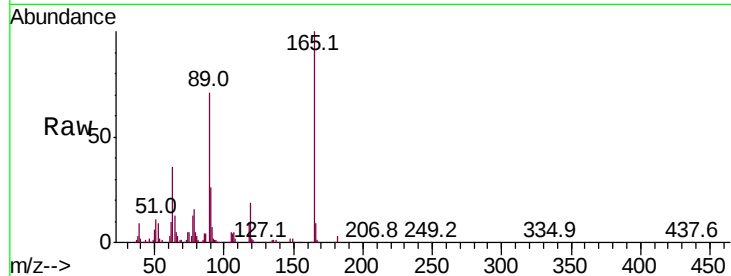




#57
2,4-Dinitrotoluene
Concen: 47.636 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

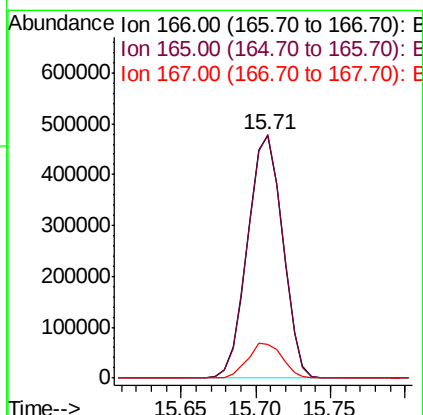
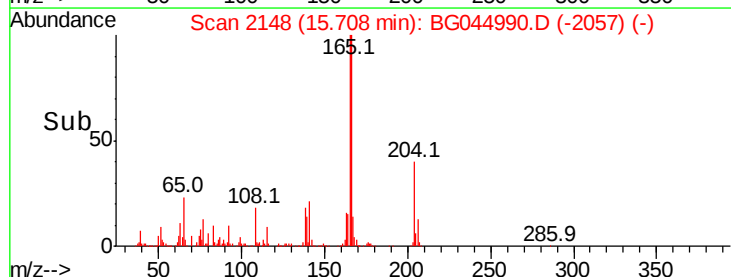
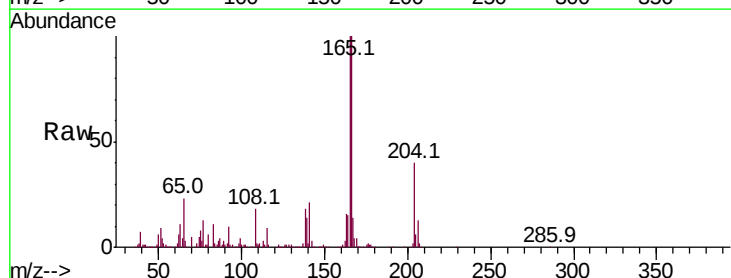
Instrument :
BNA_G
ClientSampleId :
PB128245BS

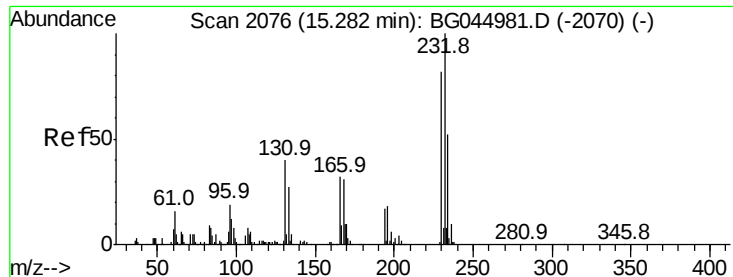
Tot Ion:165 Resp: 272142
Ion Ratio Lower Upper
165 100
63 36.4 32.2 48.2
89 71.3 61.7 92.5
182 2.7 2.0 3.0



#58
Fluorene
Concen: 47.221 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion:166 Resp: 772570
Ion Ratio Lower Upper
166 100
165 100.2 79.9 119.9
167 13.9 11.4 17.0

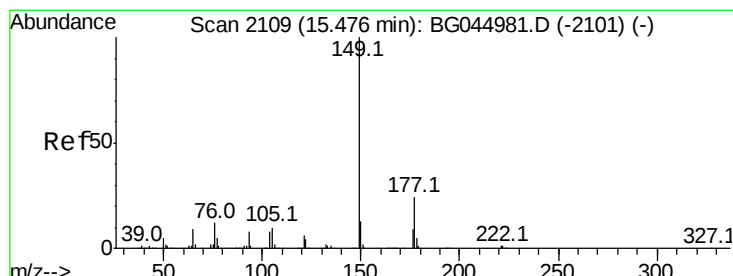
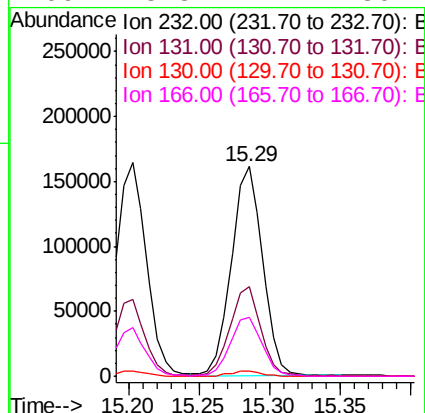
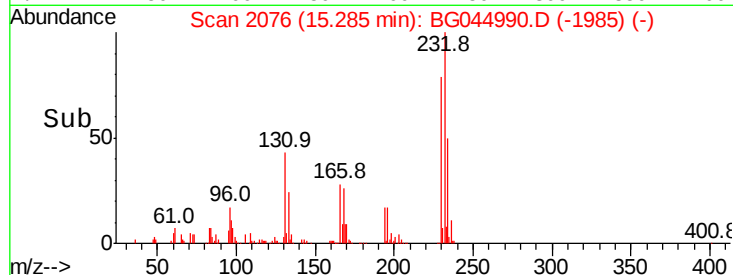
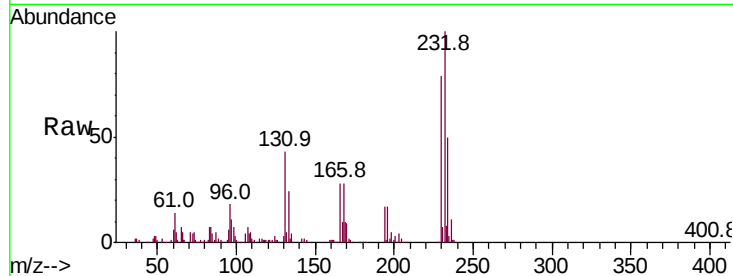




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.390 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

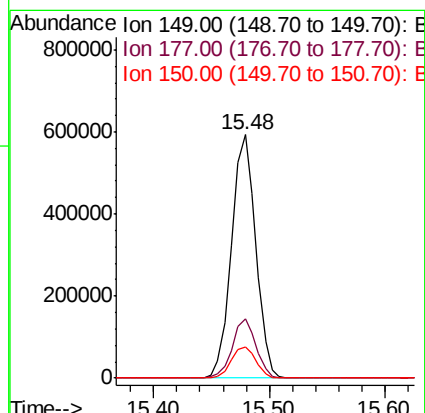
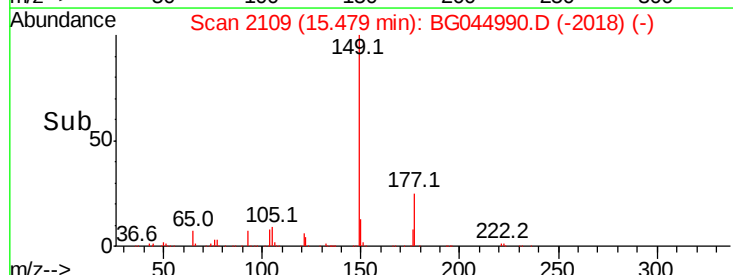
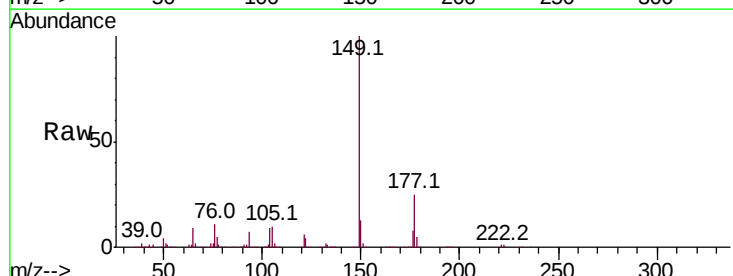
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

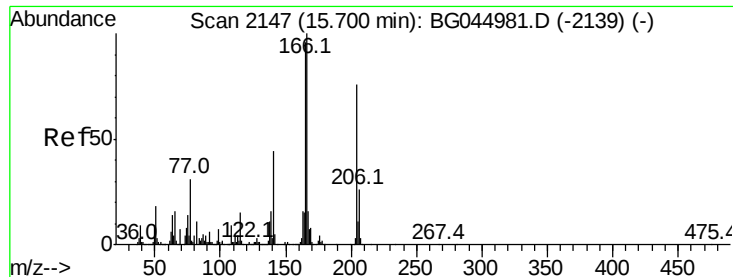
Tot Ion:	232	Resp:	248930
Ion	Ratio	Lower	Upper
232	100		
131	42.0	32.2	48.2
130	2.5	2.2	3.2
166	28.8	24.2	36.4



#60
 Diethylphthalate
 Concen: 47.142 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion:	149	Resp:	859036
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.9	28.3
150	12.9	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 44.541 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

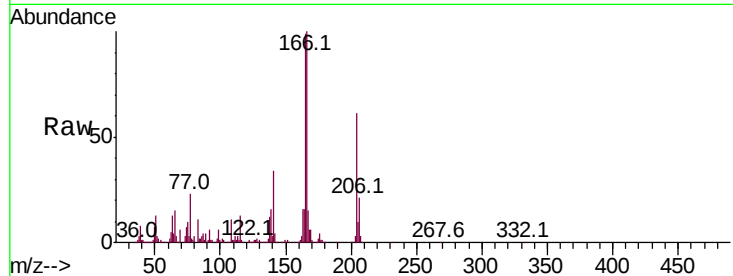
Tot Ion:204 Resp: 419449

Ion Ratio Lower Upper

204 100

206 34.1 26.9 40.3

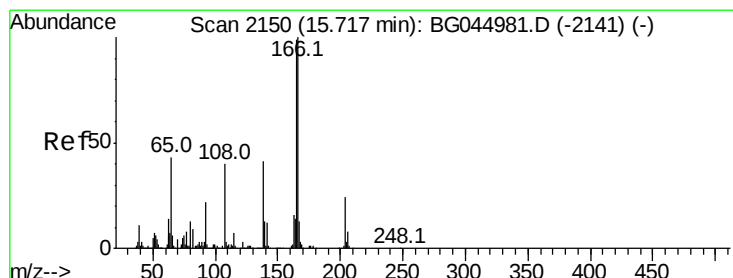
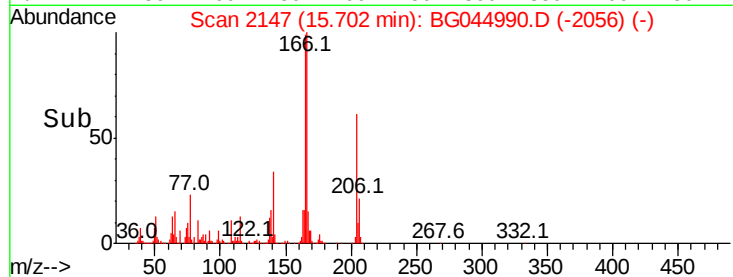
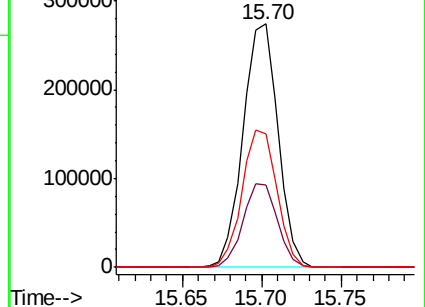
141 55.1 46.3 69.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 45.537 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

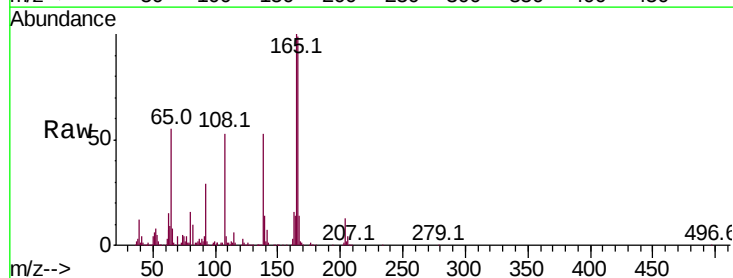
Tgt Ion:138 Resp: 202503

Ion Ratio Lower Upper

138 100

92 54.3 33.6 73.6

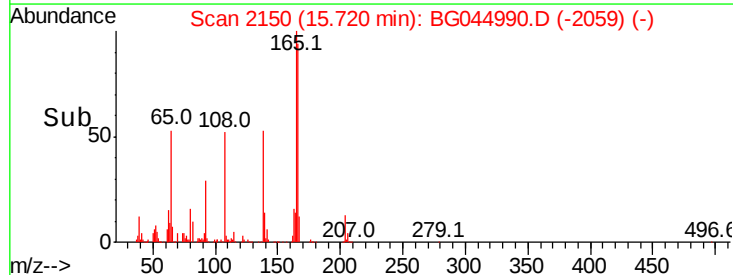
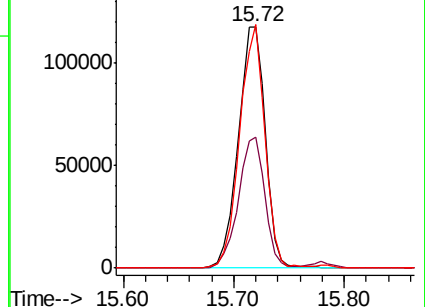
108 100.8 78.2 118.2

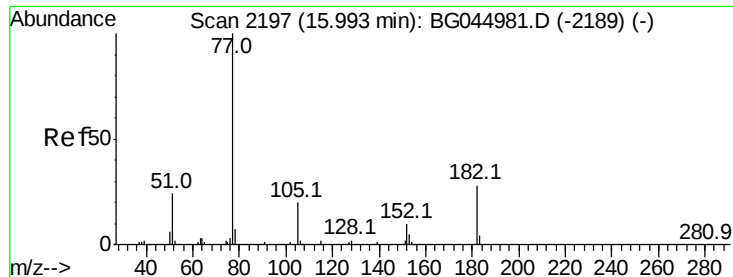


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

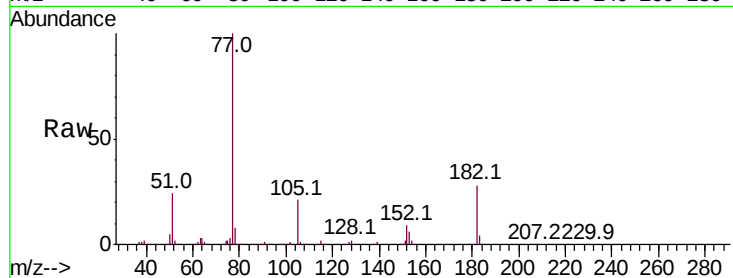




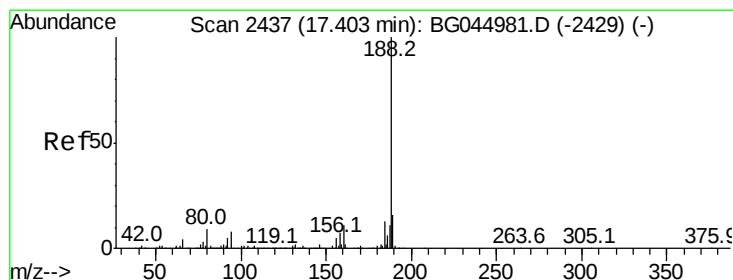
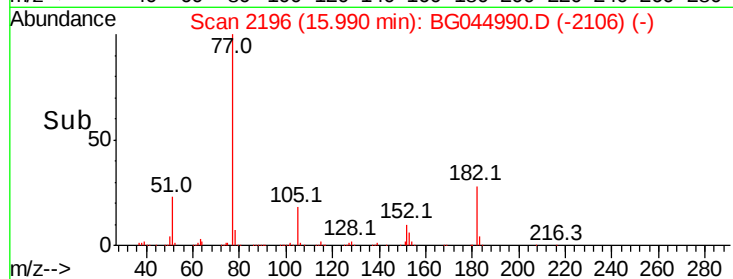
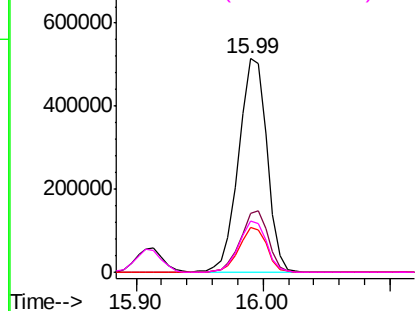
#63
Azobenzene
Concen: 47.406 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:	77	Resp:	796434
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.4	48.4
105	20.8	0.5	40.5
51	23.7	4.4	44.4

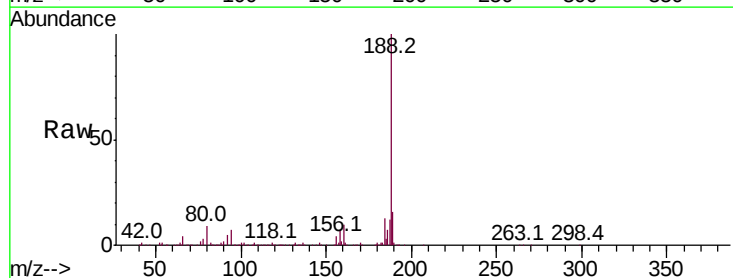


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

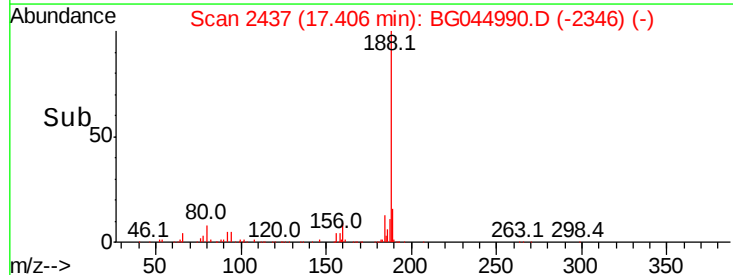
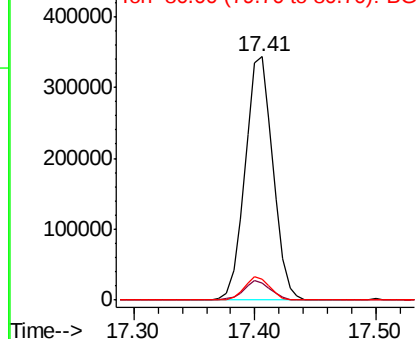


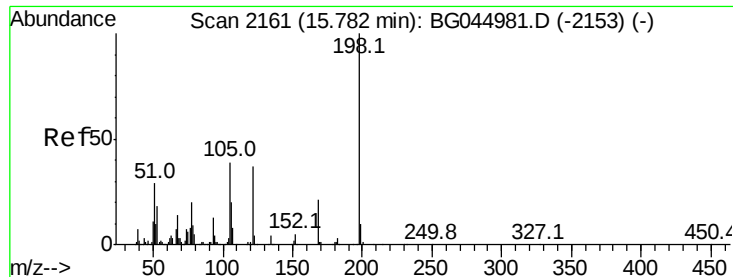
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion:	188	Resp:	549828
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.5	7.0	10.6



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: 49.164 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

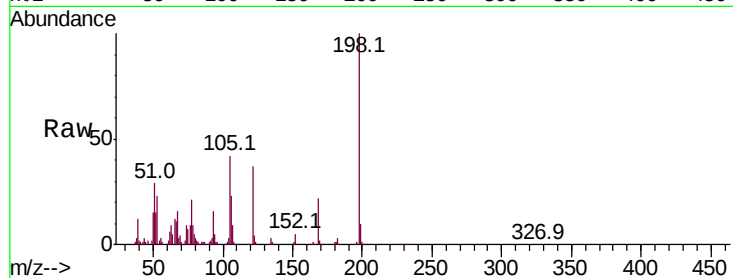
Tot Ion:198 Resp: 177681

Ion Ratio Lower Upper

198 100

51 28.5 10.0 50.0

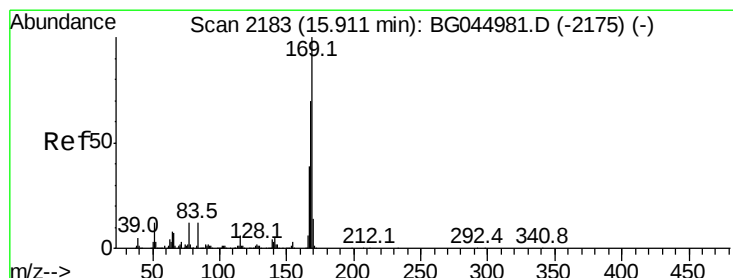
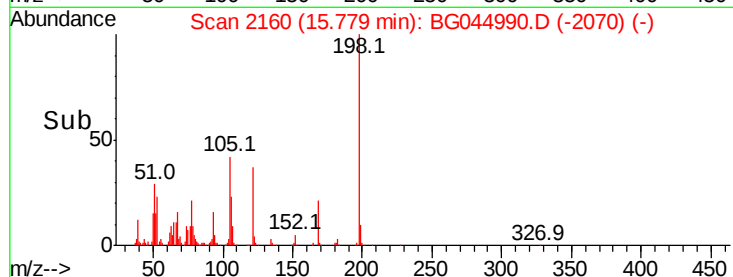
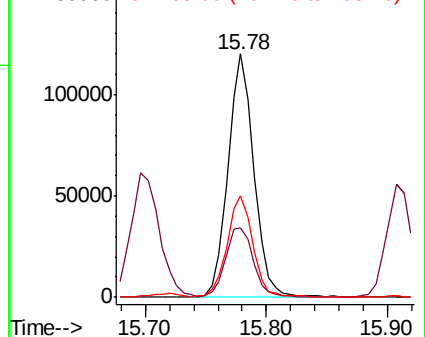
105 41.7 18.9 58.9



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: 46.048 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

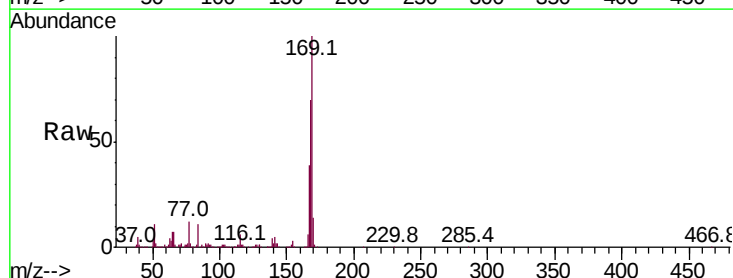
Tgt Ion:169 Resp: 727450

Ion Ratio Lower Upper

169 100

168 69.6 55.8 83.8

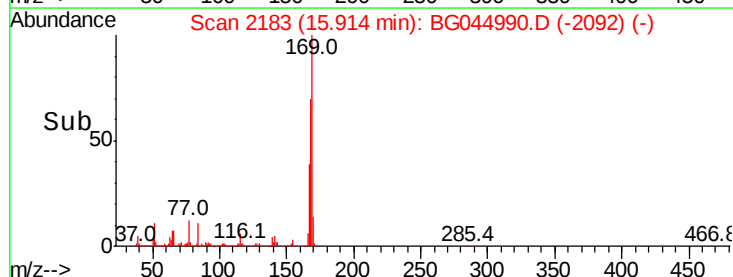
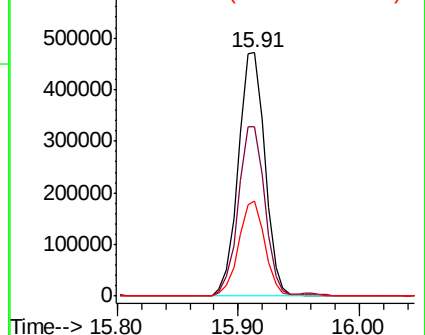
167 39.1 30.8 46.2

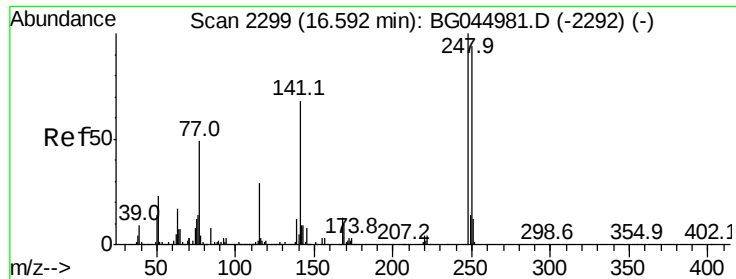


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

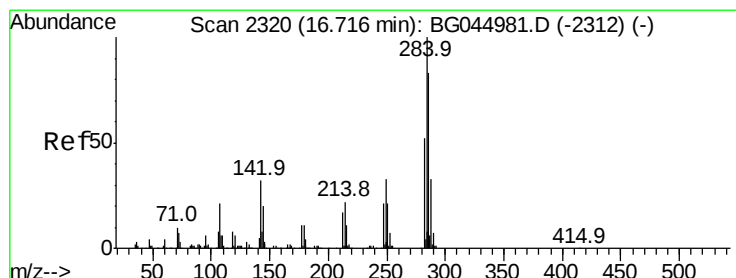
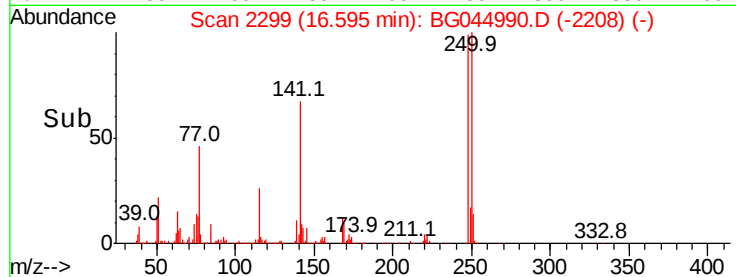
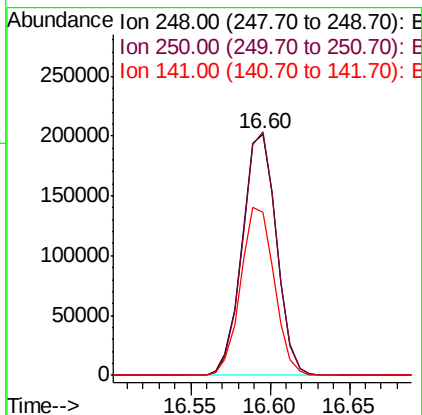
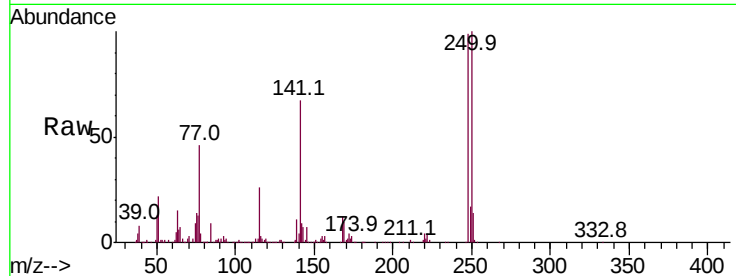




#67
 4-Bromophenyl-phenylether
 Concen: 42.647 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

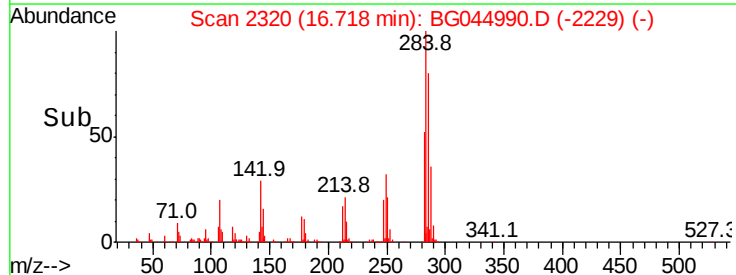
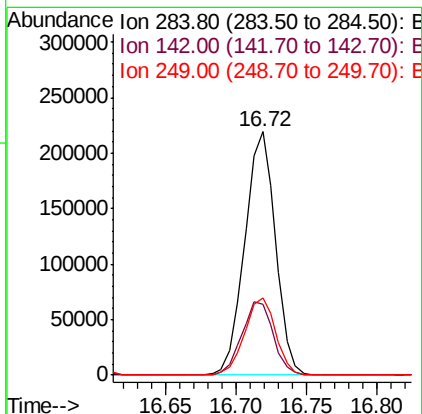
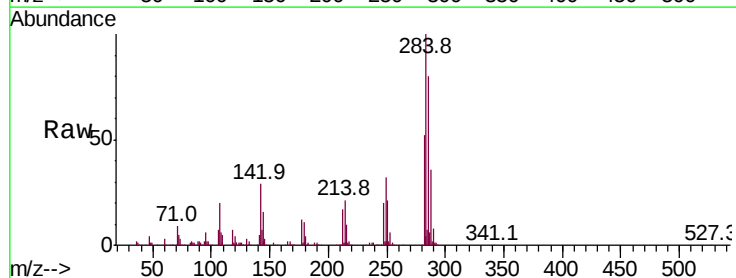
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

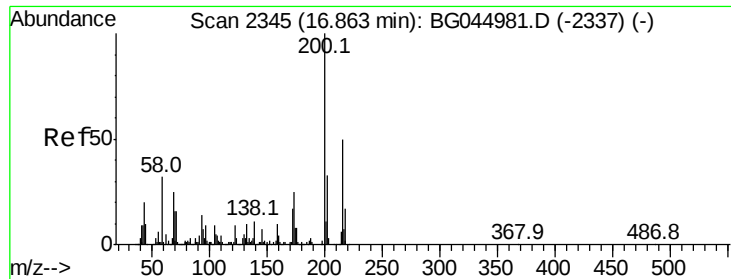
Tot Ion:248 Resp: 302502
 Ion Ratio Lower Upper
 248 100
 250 101.0 75.4 113.2
 141 67.7 54.4 81.6



#68
 Hexachlorobenzene
 Concen: 45.500 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG044990.D
 Acq: 15 Apr 2020 20:17

Tgt Ion:284 Resp: 334723
 Ion Ratio Lower Upper
 284 100
 142 29.4 25.8 38.6
 249 31.8 26.6 39.8





#69

Atrazine

Concen: 54.905 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

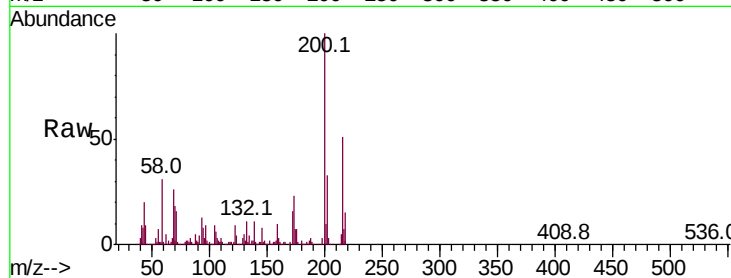
Tot Ion:200 Resp: 310301

Ion Ratio Lower Upper

200 100

173 23.3 4.5 44.5

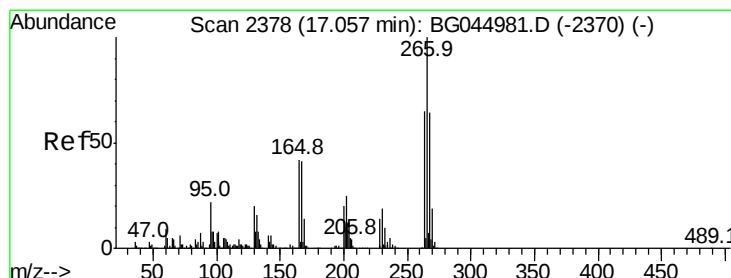
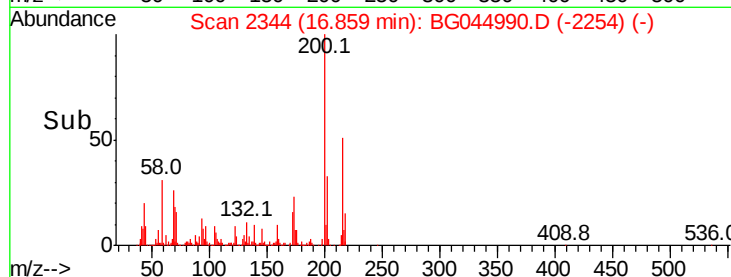
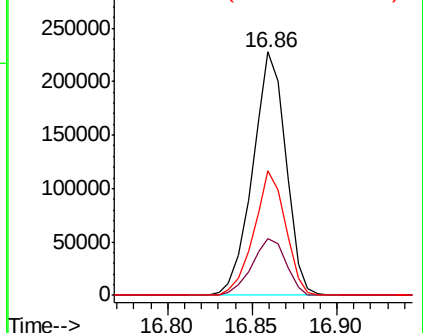
215 51.0 30.0 70.0



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: 94.710 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

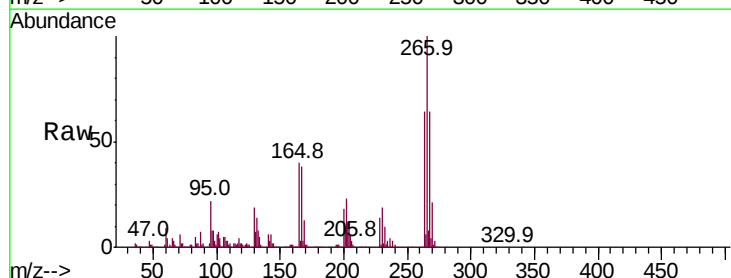
Tgt Ion:266 Resp: 427423

Ion Ratio Lower Upper

266 100

268 63.8 51.5 77.3

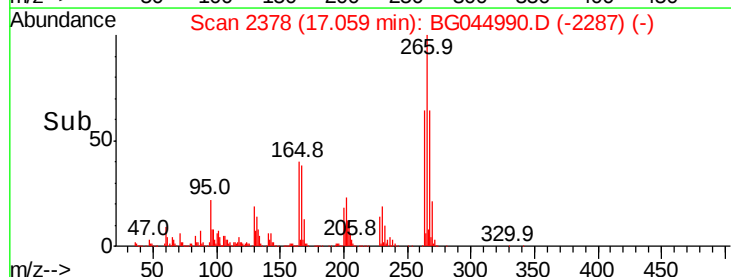
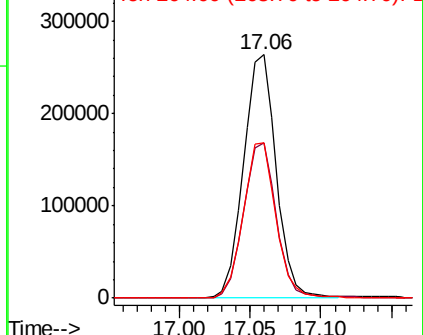
264 63.9 52.2 78.4

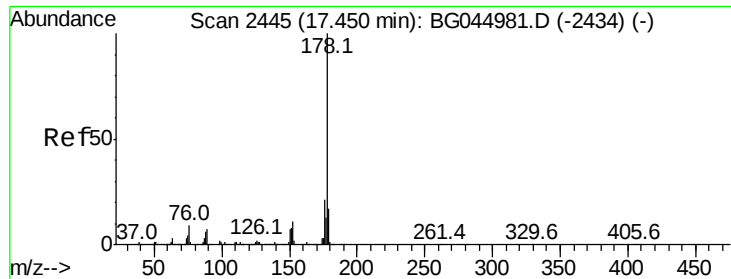


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

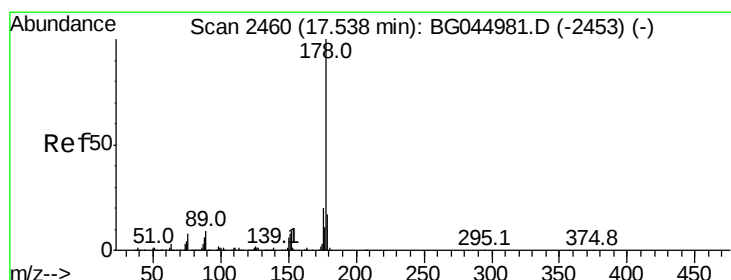
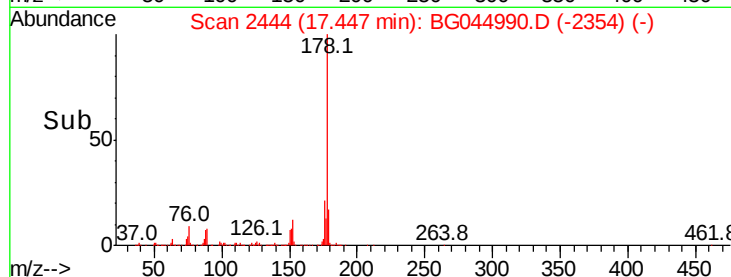
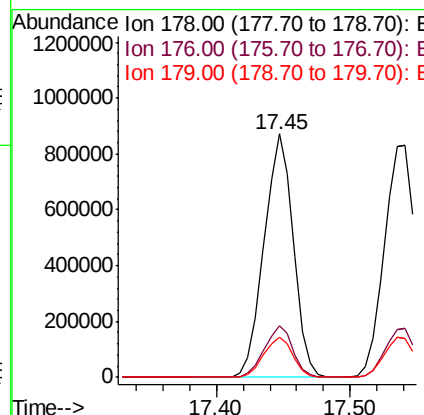
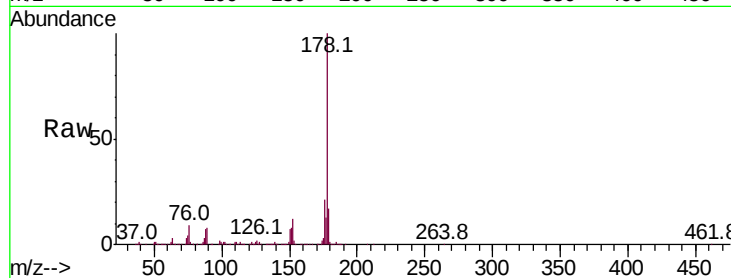




#71
Phenanthrene
Concen: 46.531 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

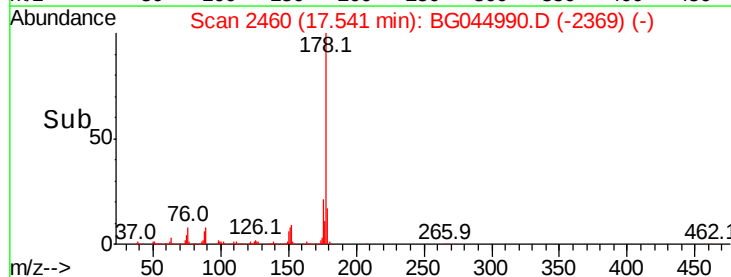
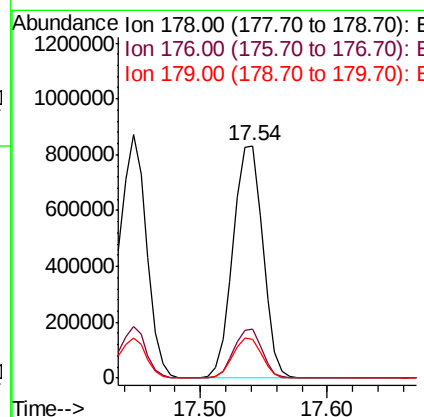
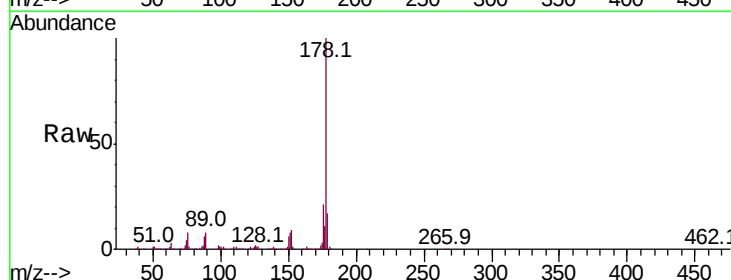
Instrument :
BNA_G
ClientSampleId :
PB128245BS

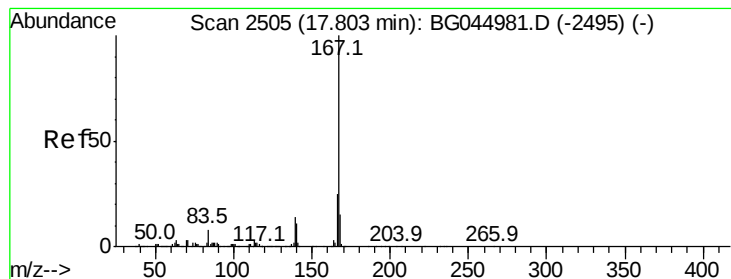
Tot Ion:178 Resp: 1314702
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 16.7 13.2 19.8



#72
Anthracene
Concen: 47.509 ng
RT: 17.54 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BG044990.D
Acq: 15 Apr 2020 20:17

Tgt Ion:178 Resp: 1346492
Ion Ratio Lower Upper
178 100
176 21.1 16.0 24.0
179 16.6 13.6 20.4





#73

Carbazole

Concen: 44.225 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

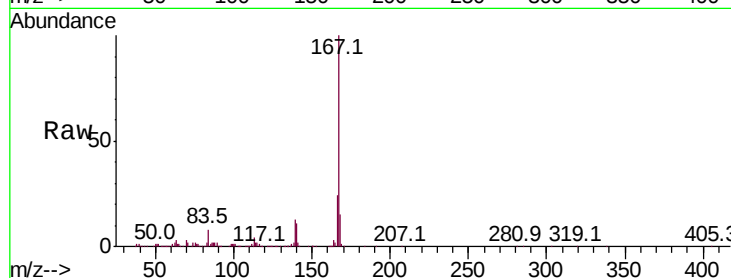
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:167 Resp: 1271979

Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.8	29.6
139	13.3	10.9	16.3

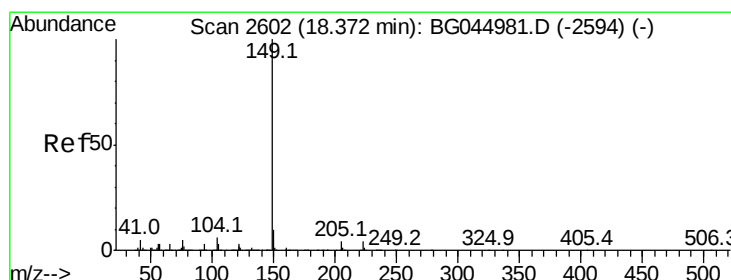
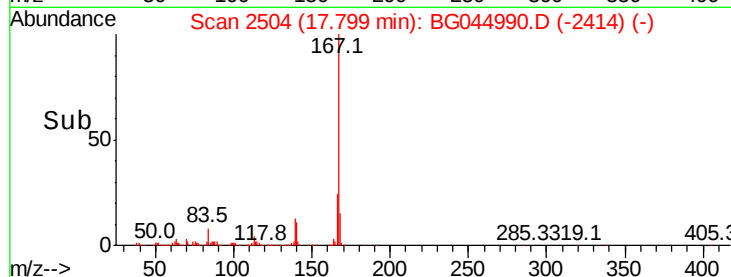
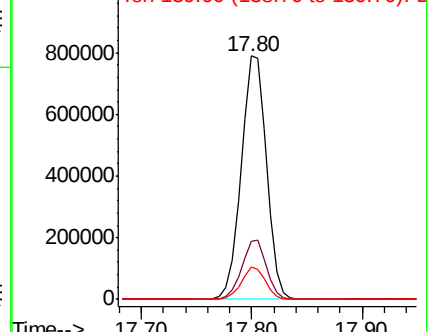


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.349 ng

RT: 18.37 min Scan# 2601

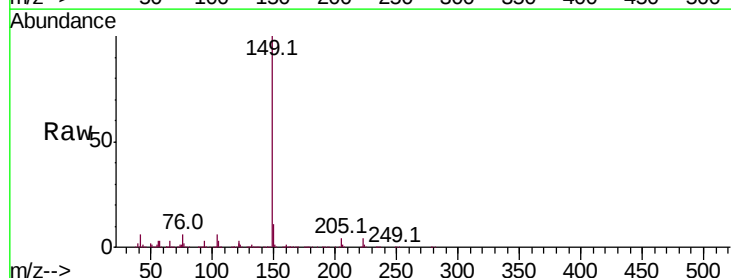
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:149 Resp: 1499569

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.2	12.2
104	6.3	4.8	7.2

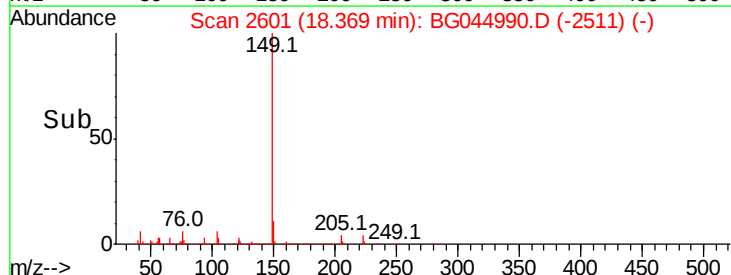
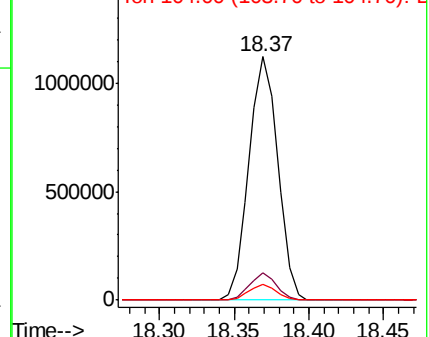


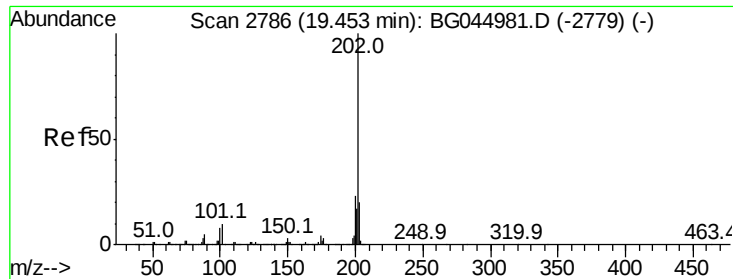
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.221 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

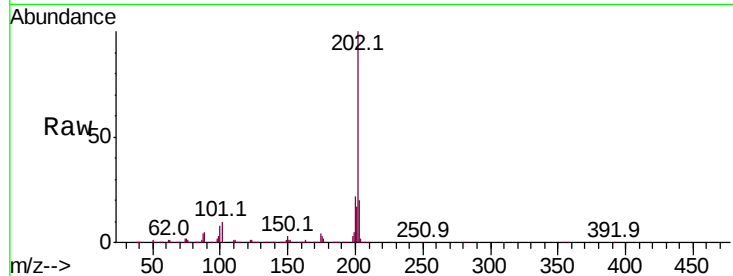
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:202 Resp: 1644035

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.6
203	19.8	0.0	39.7

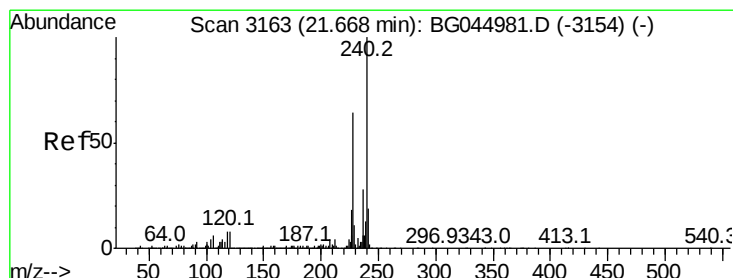
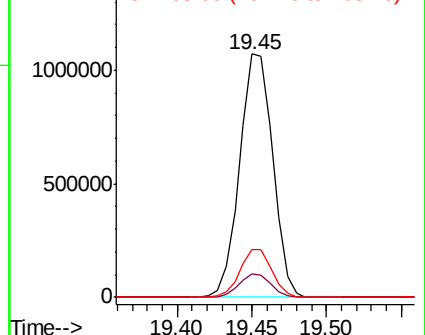
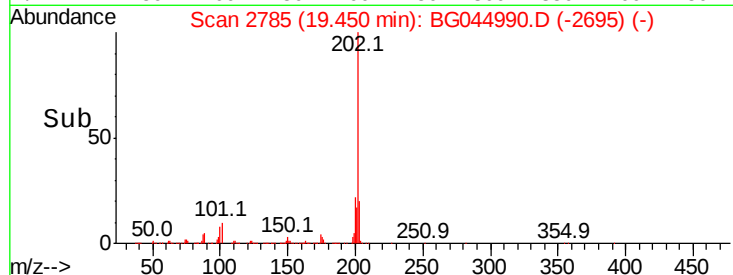


Abundance

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: 21.67 min Scan# 3163

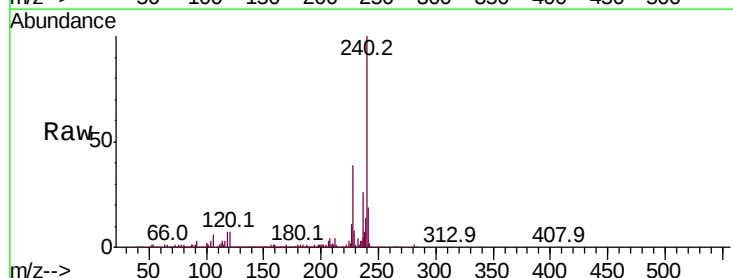
Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:240 Resp: 524113

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.6	10.0
236	26.2	22.2	33.2

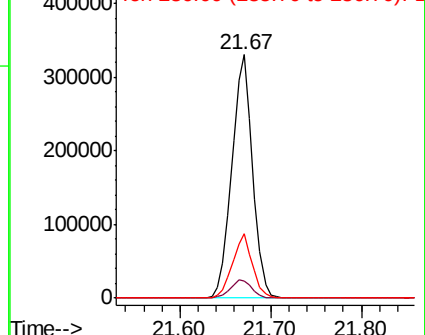
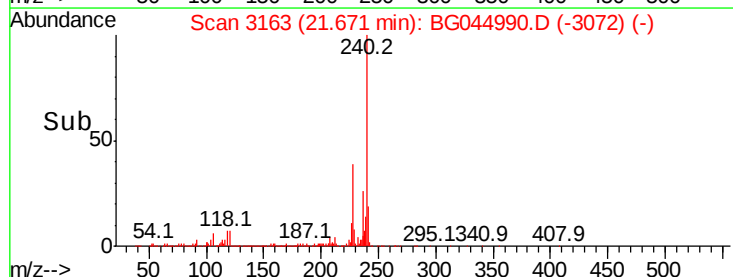


Abundance

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: 53.672 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

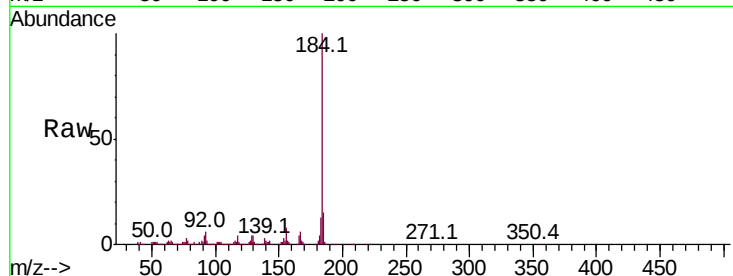
Tot Ion:184 Resp: 797334

Ion Ratio Lower Upper

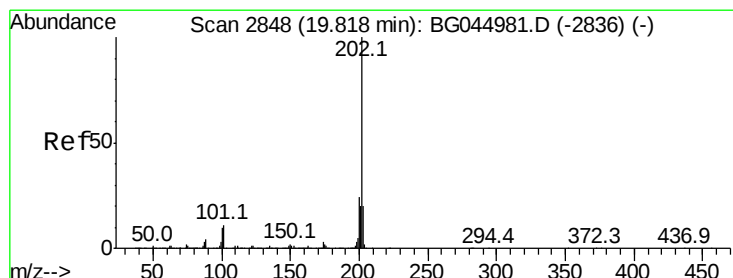
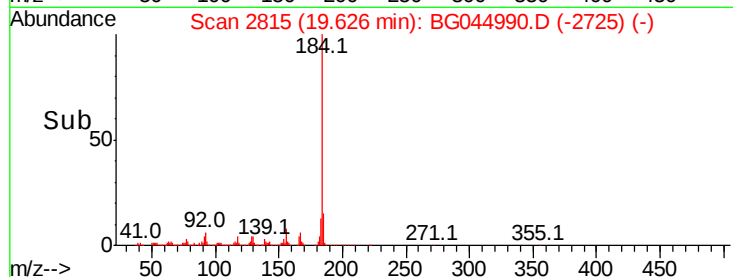
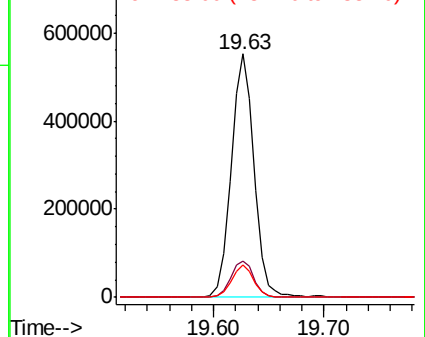
184 100

185 15.0 12.6 19.0

183 13.3 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.000 ng

RT: 19.81 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

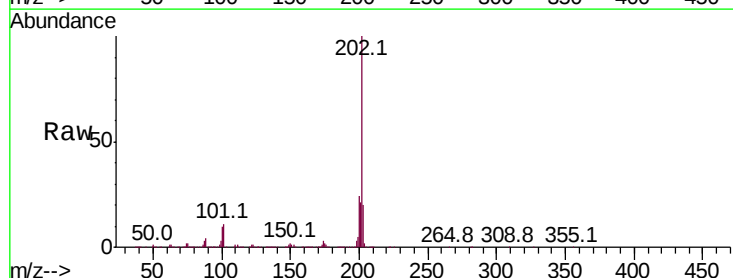
Tgt Ion:202 Resp: 1625983

Ion Ratio Lower Upper

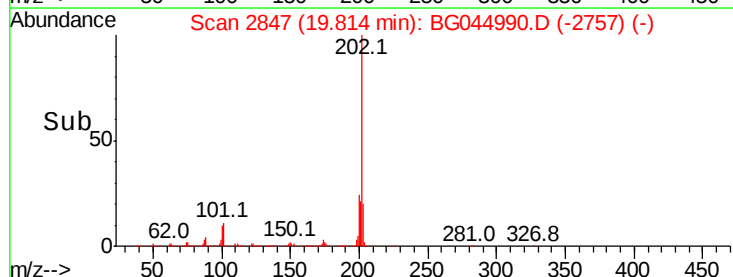
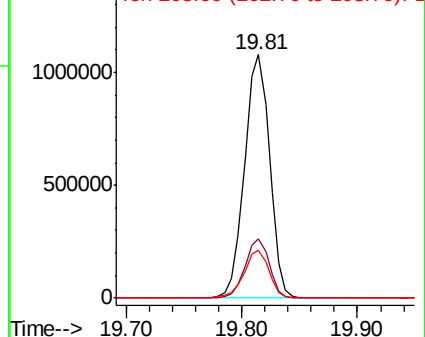
202 100

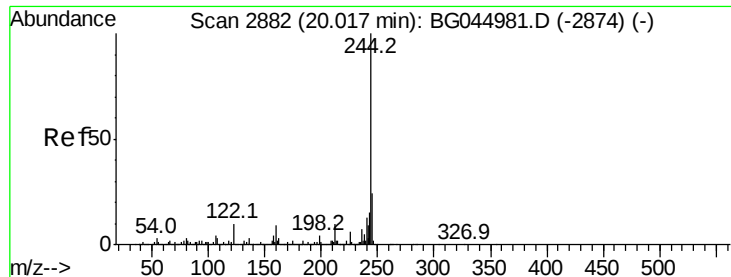
200 24.2 19.0 28.6

203 19.8 16.1 24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.963 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

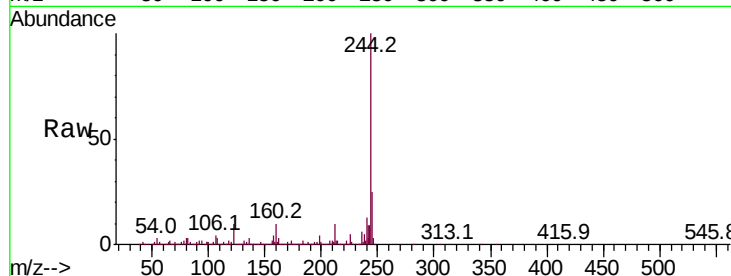
Tot Ion:244 Resp: 2355674

Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

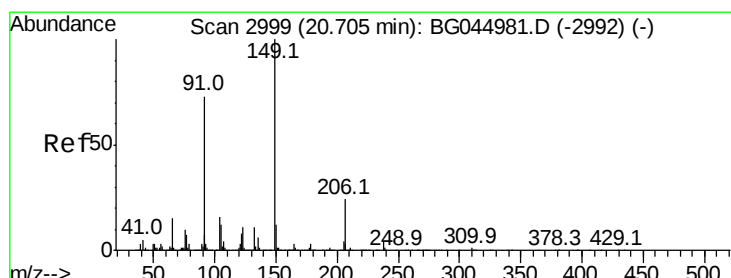
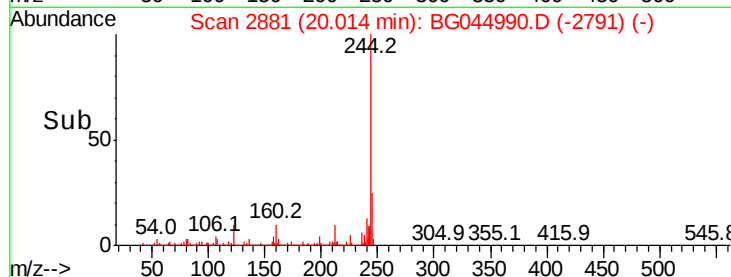
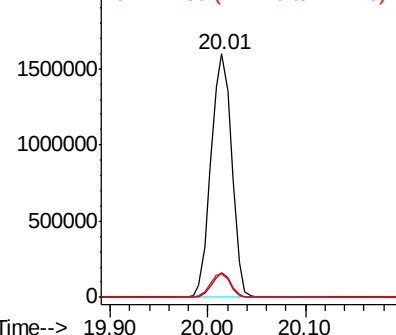
122 9.7 7.7 11.5



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: 45.626 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

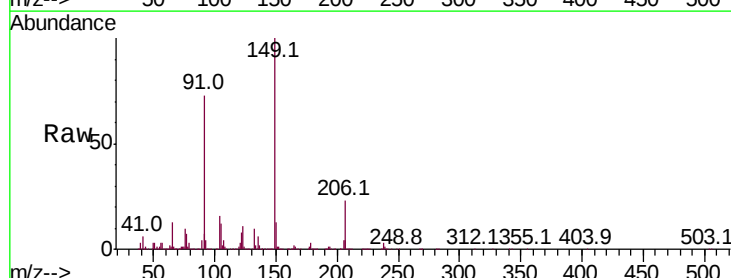
Tgt Ion:149 Resp: 683357

Ion Ratio Lower Upper

149 100

91 72.8 58.5 87.7

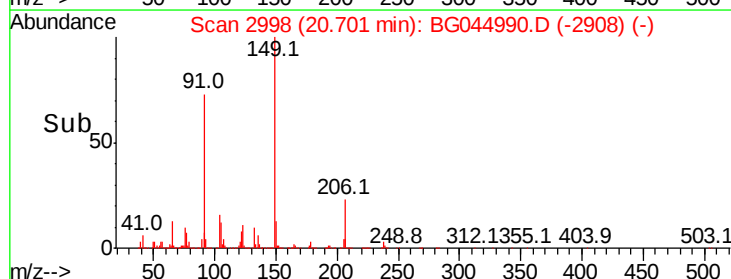
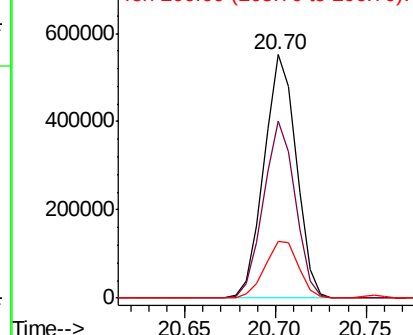
206 23.2 19.2 28.8

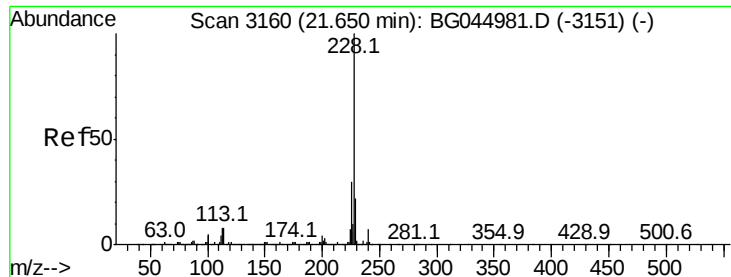


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.313 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

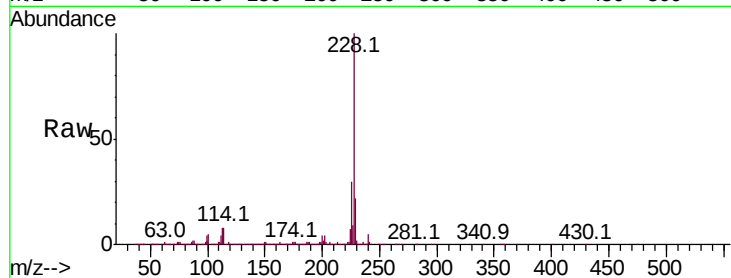
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:228 Resp: 1573244

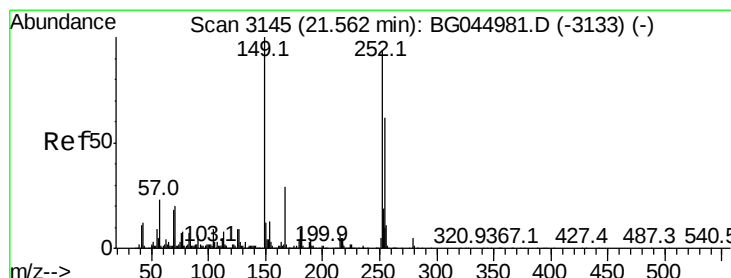
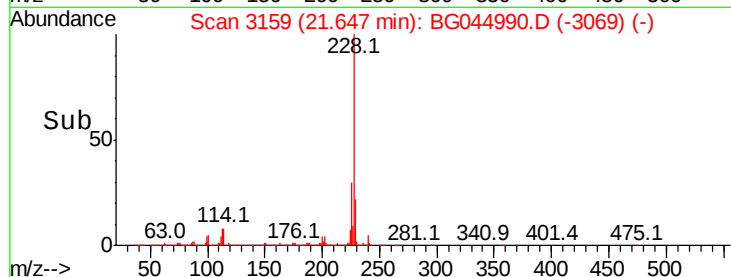
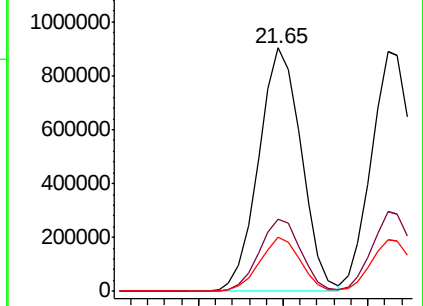
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	22.1	17.5	26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.287 ng

RT: 21.56 min Scan# 3144

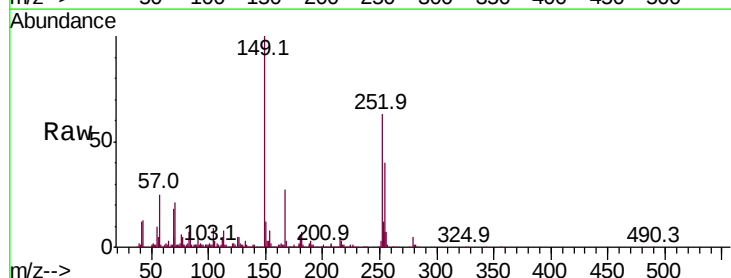
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:252 Resp: 355426

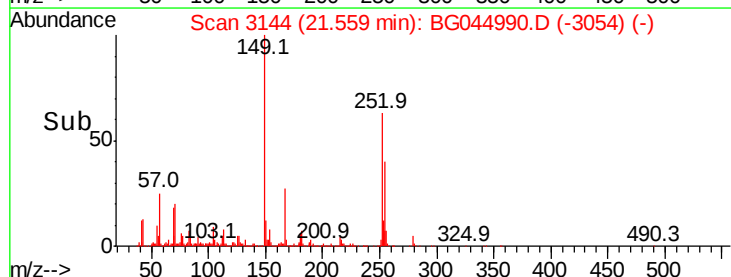
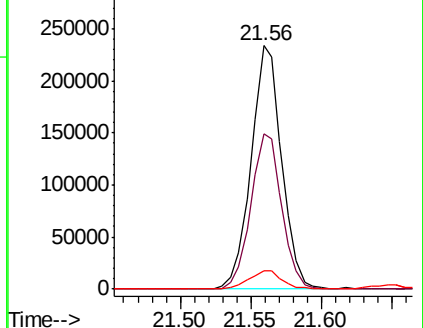
Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	79.0
126	7.7	7.5	11.3

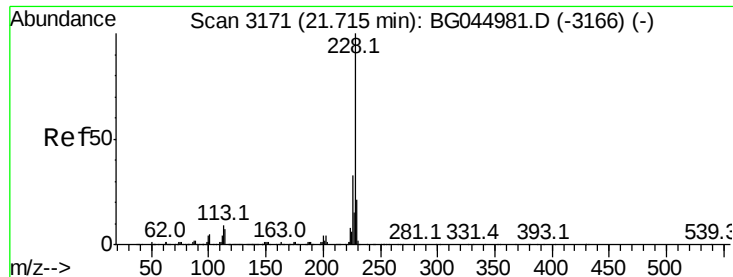


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.860 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

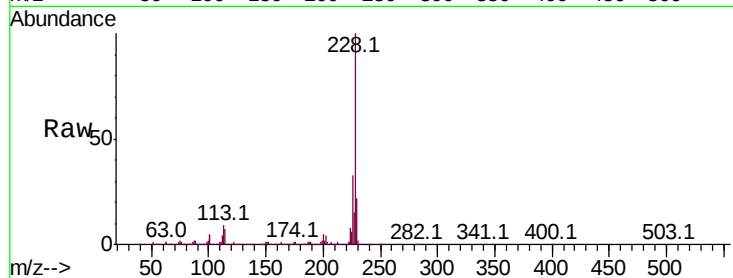
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:228 Resp: 1496814

Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.2	39.4
229	21.8	17.0	25.6

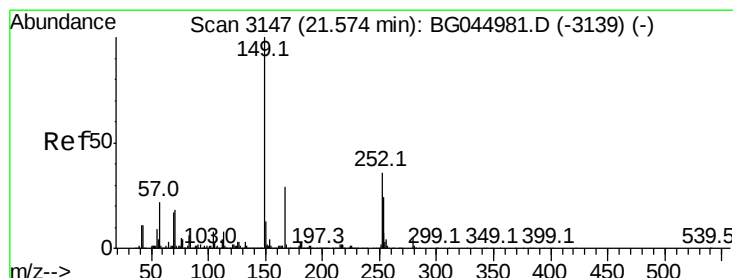
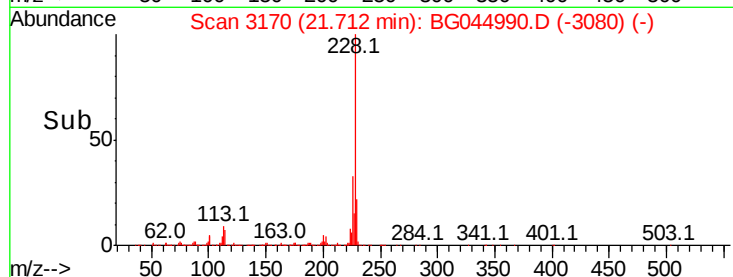
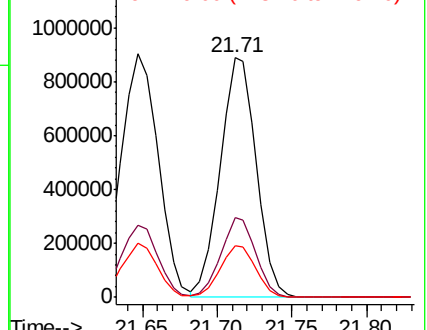


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.975 ng

RT: 21.57 min Scan# 3146

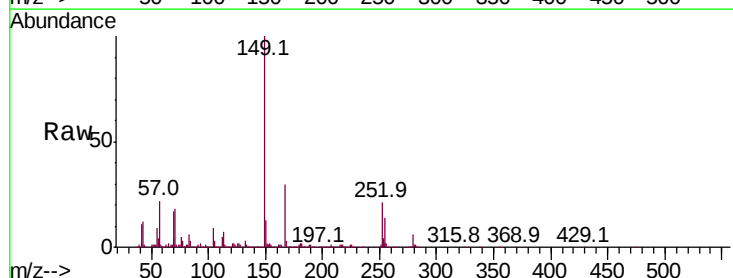
Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:149 Resp: 947044

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.4	35.0
279	5.8	4.3	6.5

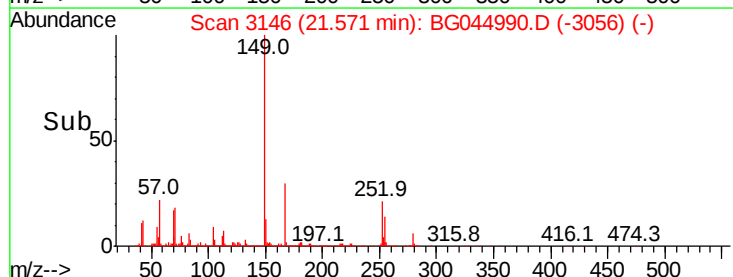
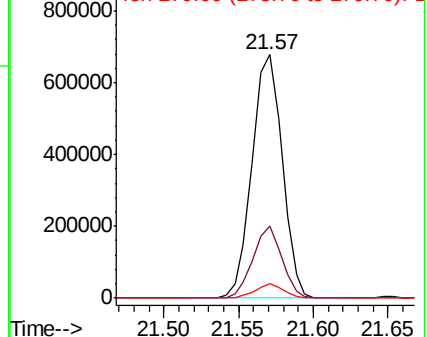


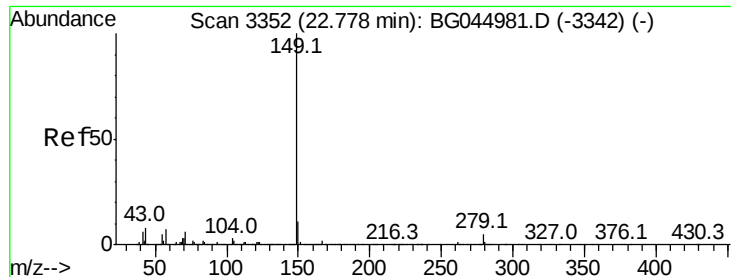
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.701 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampled :

PB128245BS

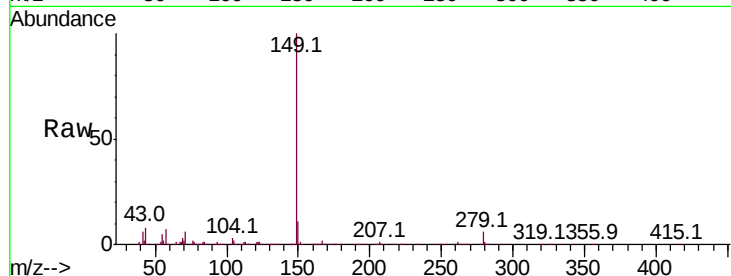
Tot Ion:149 Resp: 1627918

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

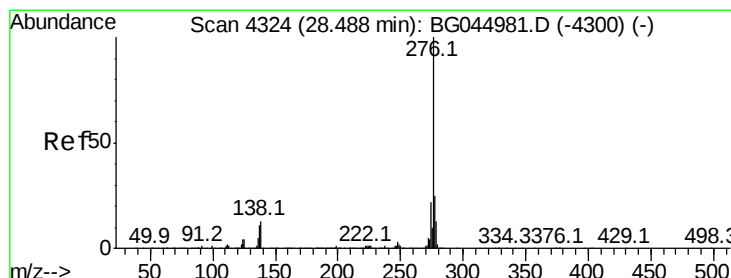
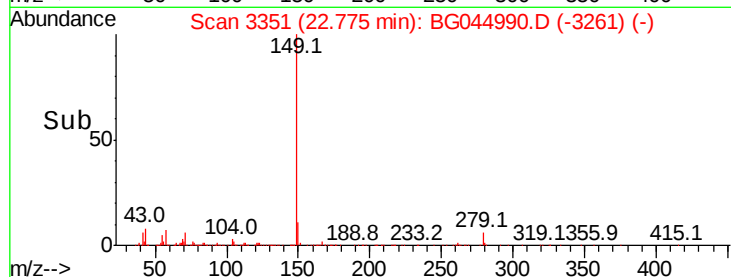
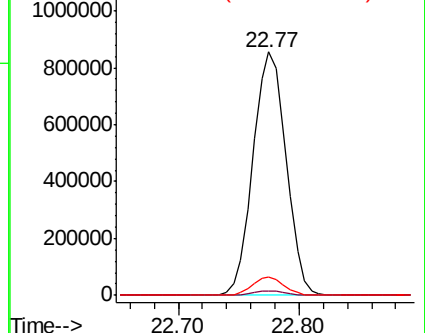
43 7.3 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.843 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.01 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

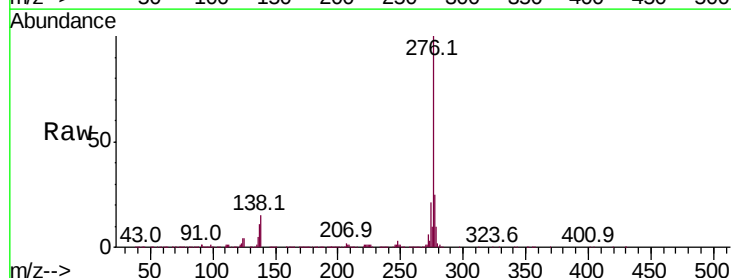
Tgt Ion:276 Resp: 2073220

Ion Ratio Lower Upper

276 100

138 17.1 9.6 14.4#

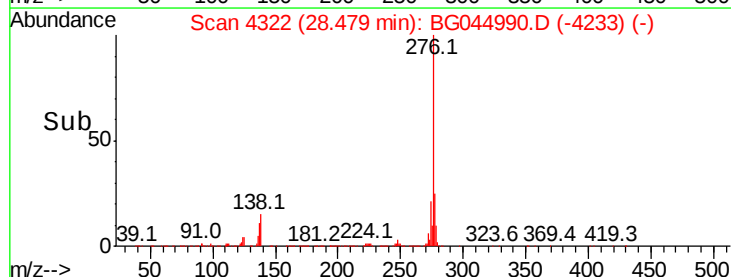
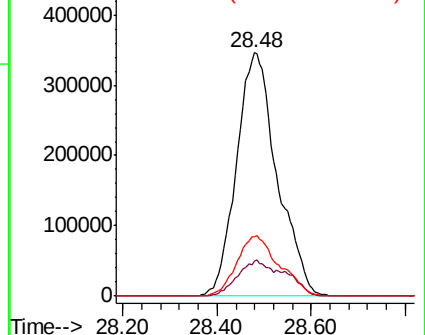
277 25.9 20.6 31.0

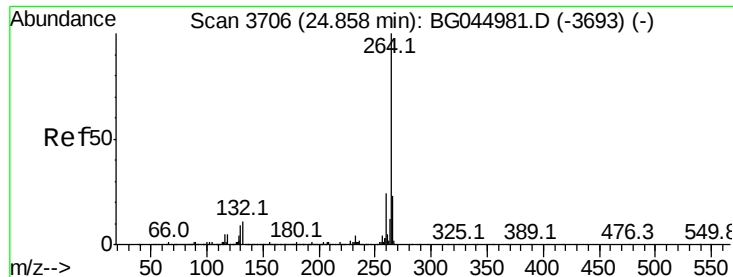


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

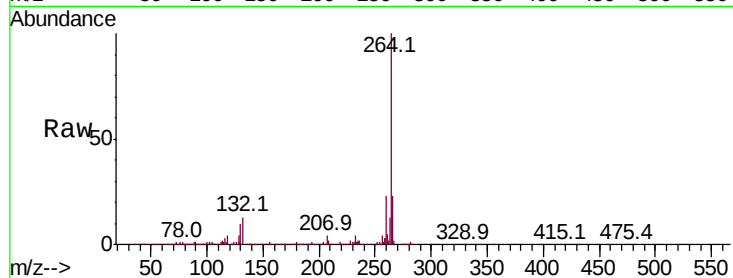
Tot Ion:264 Resp: 591112

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

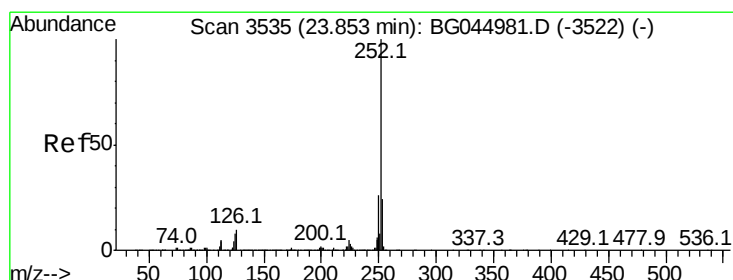
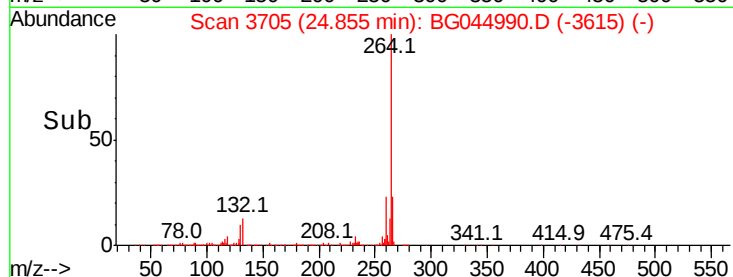
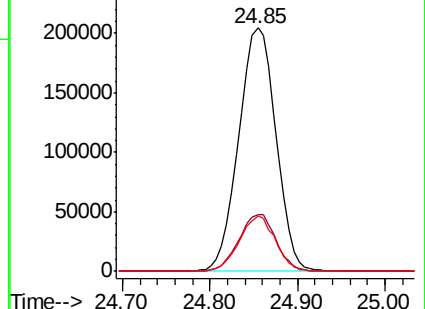
265 22.9 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.403 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

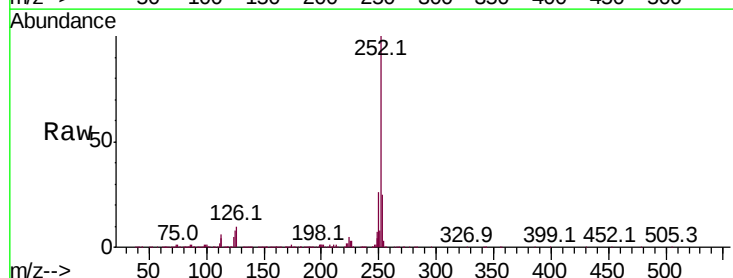
Tgt Ion:252 Resp: 1755174

Ion Ratio Lower Upper

252 100

253 24.5 18.8 28.2

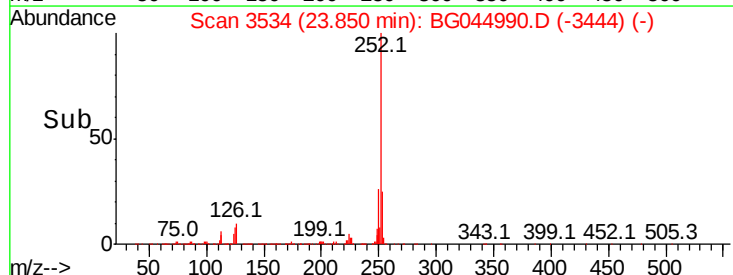
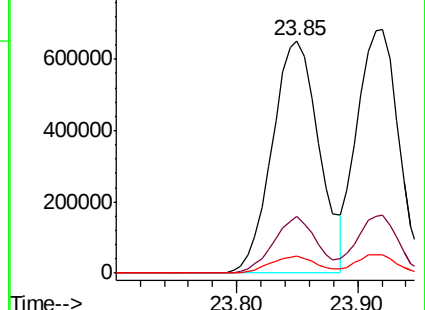
125 7.6 6.2 9.4

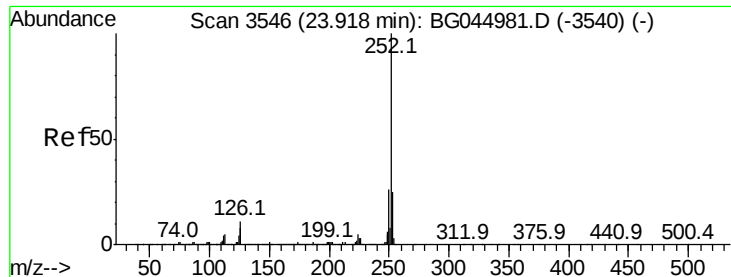


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.986 ng

RT: 23.92 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

BNA_G

ClientSampleId :

PB128245BS

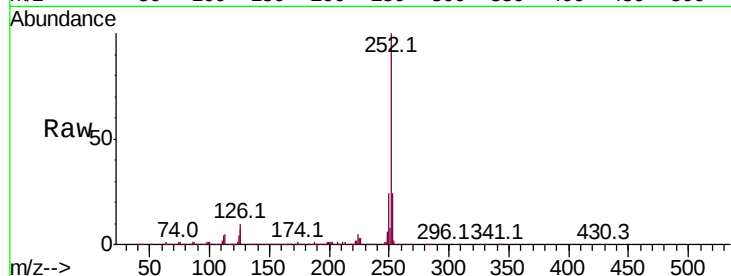
Tot Ion:252 Resp: 1619290

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

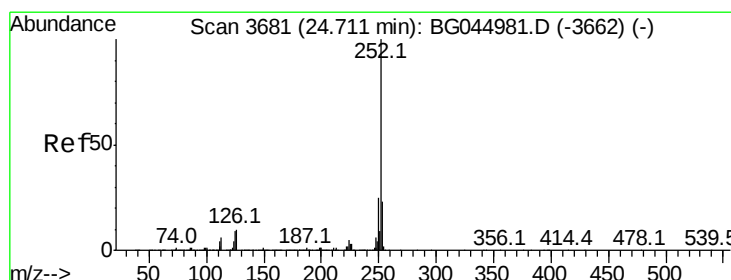
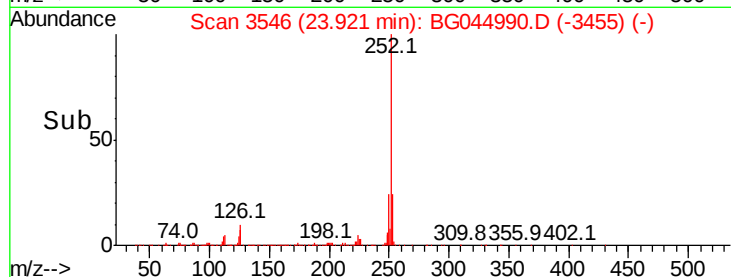
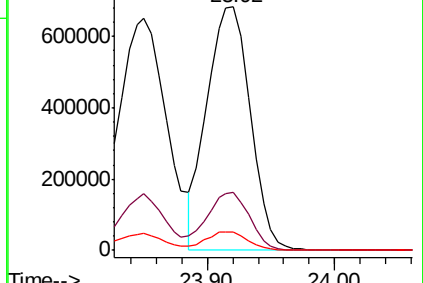
125 7.3 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.726 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

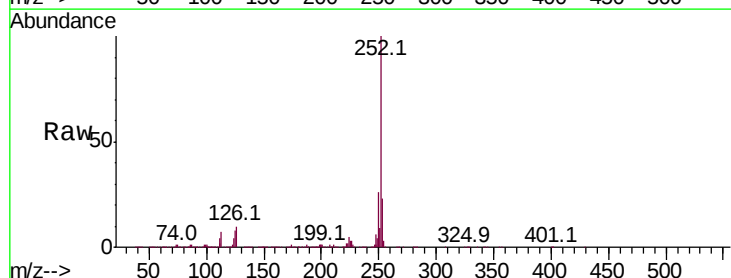
Tgt Ion:252 Resp: 1598546

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

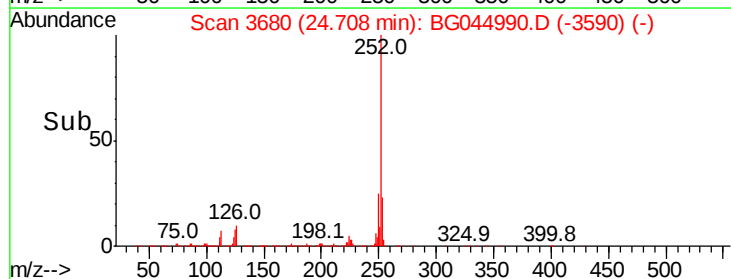
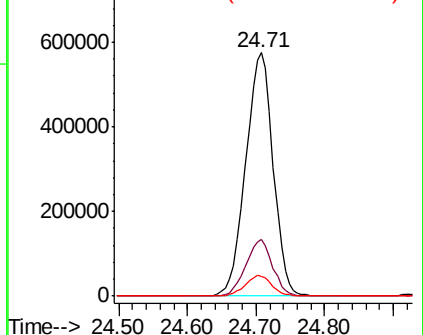
125 8.0 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.369 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Instrument :

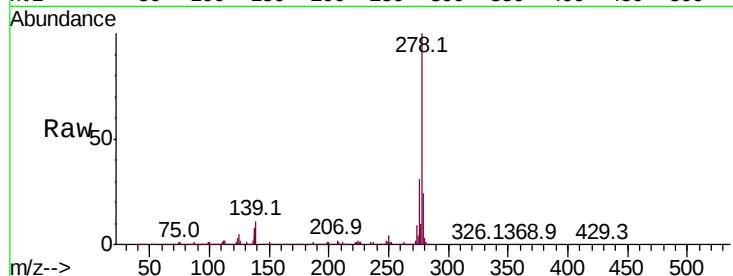
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:278 Resp: 1668631

Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.0	13.6
279	24.4	18.4	27.6

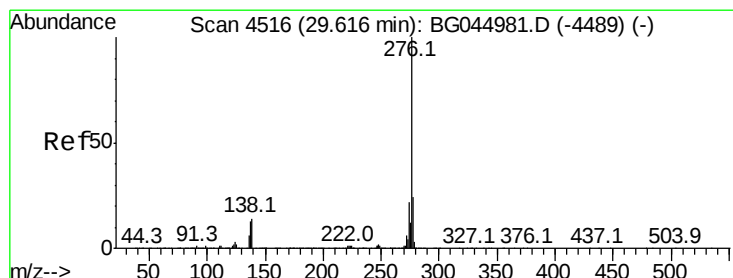
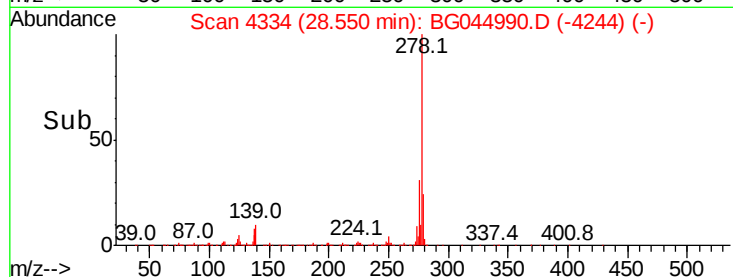
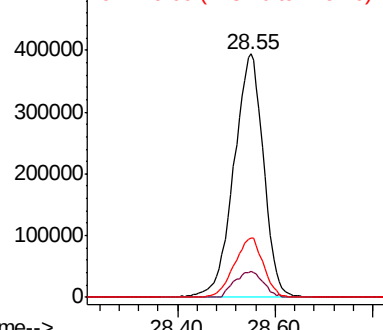


Abundance

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: 47.840 ng

RT: 29.60 min Scan# 4513

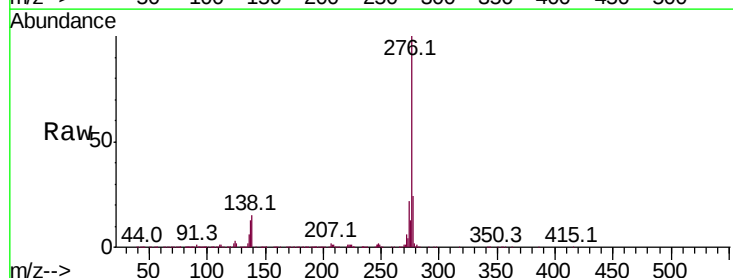
Delta R.T. -0.01 min

Lab File: BG044990.D

Acq: 15 Apr 2020 20:17

Tgt Ion:276 Resp: 1689557

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	14.7	11.4	17.2



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

