

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044323.D
 Acq On : 6 Feb 2020 15:16
 Operator : CG/JU
 Sample : PB126588BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Quant Time: Feb 06 21:46:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	74685	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	302447	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	203102	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	469846	20.00	ng	0.00
76) Chrysene-d12	21.54	240	412026	20.00	ng	0.00
87) Perylene-d12	24.63	264	469933	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	415265	98.13	ng	0.00
7) Phenol-d6	7.08	99	551304	97.01	ng	0.00
23) Nitrobenzene-d5	9.07	82	432408	80.72	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	233739	98.03	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1018963	84.01	ng	0.00
79) Terphenyl-d14	19.91	244	1617082	80.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	84088	44.226	ng	100
3) Pyridine	3.77	79	206140	40.694	ng	98
4) n-Nitrosodimethylamine	3.68	42	99505	47.008	ng	98
6) Aniline	7.24	93	262232	37.176	ng	100
8) 2-Chlorophenol	7.48	128	249760	53.701	ng	99
9) Benzaldehyde	7.04	77	119008	36.771	ng	98
10) Phenol	7.11	94	305129	54.255	ng	98
11) bis(2-Chloroethyl)ether	7.33	93	225935	46.990	ng	98
12) 1,3-Dichlorobenzene	7.80	146	257325	46.340	ng	98
13) 1,4-Dichlorobenzene	7.95	146	260529	47.370	ng	99
14) 1,2-Dichlorobenzene	8.26	146	244323	46.999	ng	99
15) Benzyl Alcohol	8.15	79	199336	49.546	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	284856	43.772	ng	99
17) 2-Methylphenol	8.36	107	212195	52.882	ng	98
18) Hexachloroethane	9.00	117	93840	45.468	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	172424	45.527	ng	96
20) 3+4-Methylphenols	8.69	107	291397	52.694	ng	98
22) Acetophenone	8.73	105	331773	45.093	ng	# 99
24) Nitrobenzene	9.11	77	248526	47.520	ng	98
25) Isophorone	9.64	82	477987	47.870	ng	99
26) 2-Nitrophenol	9.82	139	141141	52.009	ng	98
27) 2,4-Dimethylphenol	9.89	122	238247	62.193	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	308948	46.381	ng	100
29) 2,4-Dichlorophenol	10.36	162	249563	53.878	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	245614	46.244	ng	98
31) Naphthalene	10.76	128	715806	48.781	ng	100
32) Benzoic acid	10.04	122	122266	48.321	ng	97
33) 4-Chloroaniline	10.87	127	176224	26.406	ng	98
34) Hexachlorobutadiene	11.06	225	142028	43.458	ng	99
35) Caprolactam	11.64	113	51734	30.489	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	268197	55.225	ng	99
37) 2-Methylnaphthalene	12.38	142	536623	49.254	ng	98
38) 1-Methylnaphthalene	12.59	142	507968	49.454	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	263144	43.313	ng	99

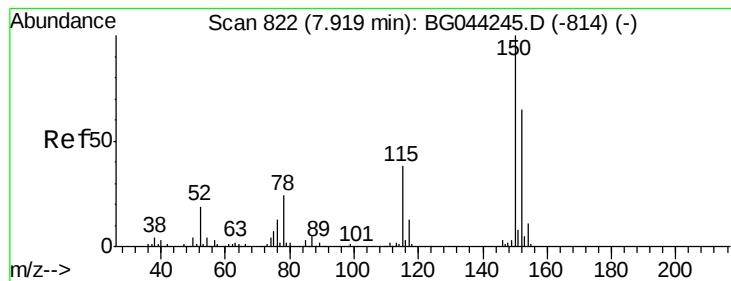
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044323.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	327690	112.408	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	203532	51.829	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	220947	55.085	ng	98
46) 1,1'-Biphenyl	13.38	154	681288	46.504	ng	100
47) 2-Chloronaphthalene	13.42	162	534656	45.863	ng	99
48) 2-Nitroaniline	13.62	65	160996	46.795	ng	95
49) Acenaphthylene	14.27	152	860435	50.322	ng	100
50) Dimethylphthalate	14.00	163	719493	49.282	ng	100
51) 2,6-Dinitrotoluene	14.12	165	165690	50.900	ng	96
52) Acenaphthene	14.62	154	526539	47.509	ng	97
53) 3-Nitroaniline	14.45	138	118880	33.009	ng	96
54) 2,4-Dinitrophenol	14.66	184	186297	95.004	ng	97
55) Dibenzofuran	14.95	168	839650	50.039	ng	98
56) 4-Nitrophenol	14.77	139	307111	116.416	ng	96
57) 2,4-Dinitrotoluene	14.91	165	233508	51.181	ng	97
58) Fluorene	15.60	166	663861	50.230	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	198625	54.823	ng	98
60) Diethylphthalate	15.37	149	731336	50.273	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	347187	48.449	ng	98
62) 4-Nitroaniline	15.61	138	172294	47.877	ng	96
63) Azobenzene	15.88	77	634457	49.762	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	145631	56.151	ng	99
66) n-Nitrosodiphenylamine	15.81	169	638161	48.466	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	235988	46.101	ng	97
68) Hexachlorobenzene	16.61	284	258134	45.011	ng	98
69) Atrazine	16.76	200	248282	55.014	ng	96
70) Pentachlorophenol	16.95	266	298594	102.060	ng	98
71) Phenanthrene	17.34	178	1106489	48.634	ng	99
72) Anthracene	17.43	178	1137440	50.567	ng	99
73) Carbazole	17.69	167	1023252	49.346	ng	99
74) Di-n-butylphthalate	18.26	149	1255968	49.013	ng	99
75) Fluoranthene	19.35	202	1299748	49.384	ng	99
77) Benzidine	19.53	184	574807	50.295	ng	98
78) Pyrene	19.71	202	1292481	48.846	ng	100
80) Butylbenzylphthalate	20.60	149	568164	47.118	ng	98
81) Benzo(a)anthracene	21.52	228	1244971	49.027	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	336590	34.153	ng	99
83) Chrysene	21.58	228	1190240	48.492	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	806406	48.587	ng	99
85) Di-n-octyl phthalate	22.61	149	1411475	49.151	ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1536823	47.991	ng	99
88) Benzo(b)fluoranthene	23.66	252	1293558	47.769	ng	100
89) Benzo(k)fluoranthene	23.72	252	1301249	49.304	ng	99
90) Benzo(a)pyrene	24.49	252	1219291	47.623	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1265334	49.937	ng	100
92) Benzo(g,h,i)perylene	29.23	276	1288604	50.801	ng	99

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

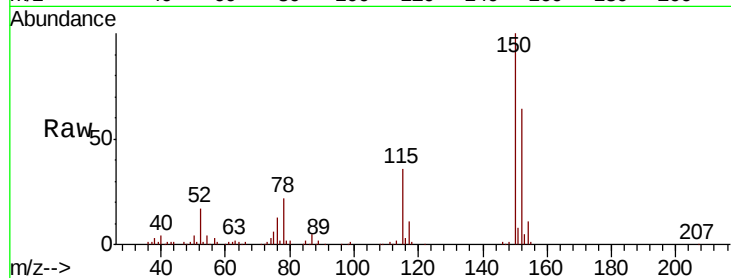


#1

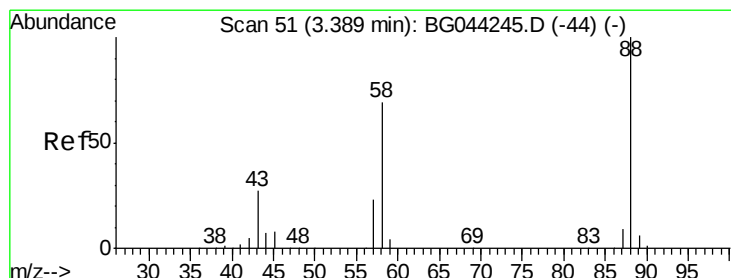
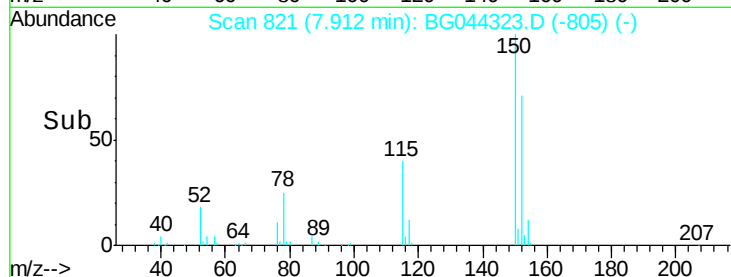
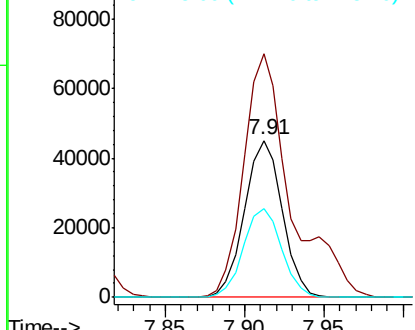
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:152 Resp: 74685
Ion Ratio Lower Upper
152 100
150 155.3 122.6 183.8
115 56.5 46.0 69.0



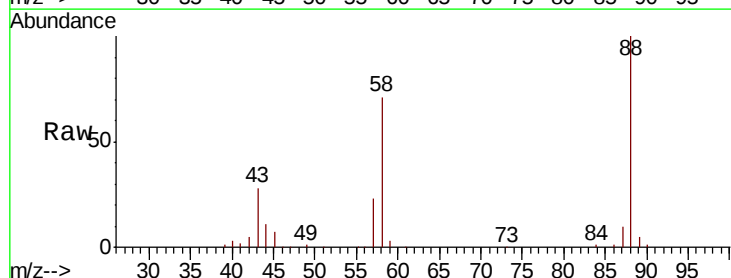
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



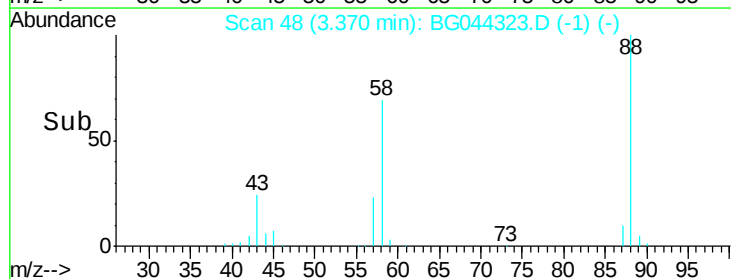
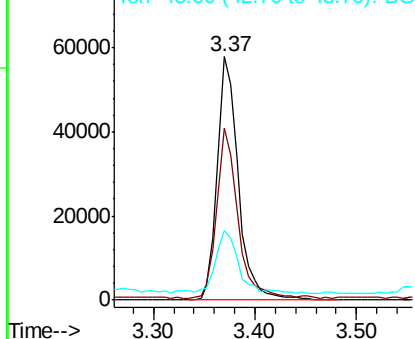
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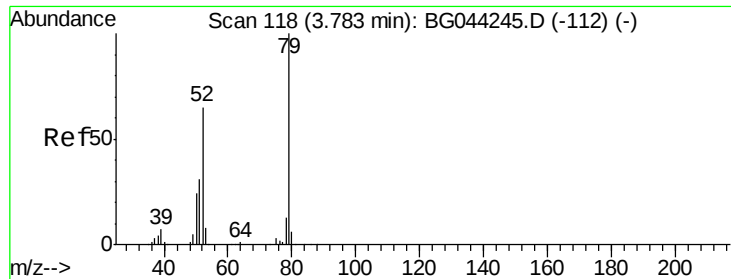
1,4-Dioxane
Concen: 44.226 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.02 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion: 88 Resp: 84088
Ion Ratio Lower Upper
88 100
58 69.3 55.8 83.6
43 26.9 21.6 32.4



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





#3

Pvridine

Concen: 40.694 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

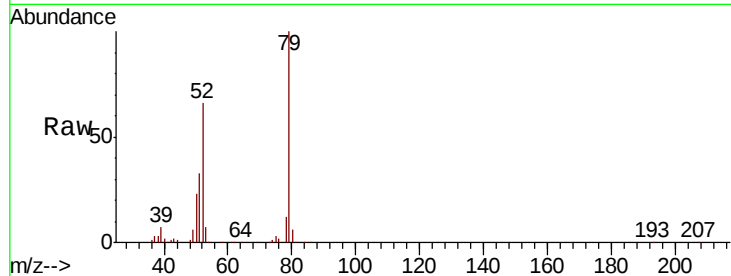
Tot Ion: 79 Resp: 206140

Ion Ratio Lower Upper

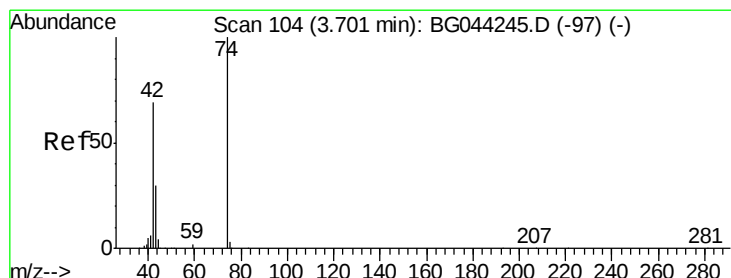
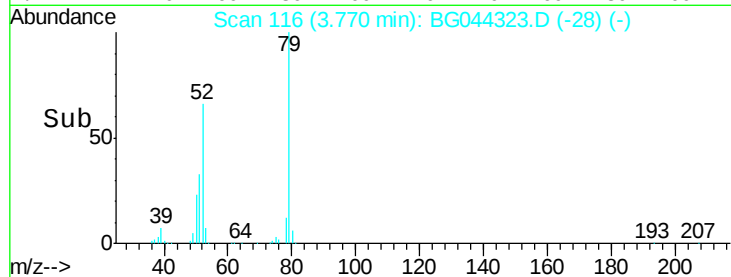
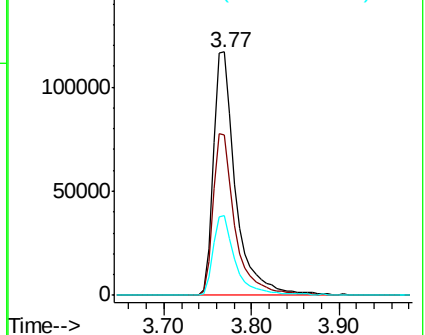
79 100

52 66.0 51.9 77.9

51 32.9 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 47.008 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

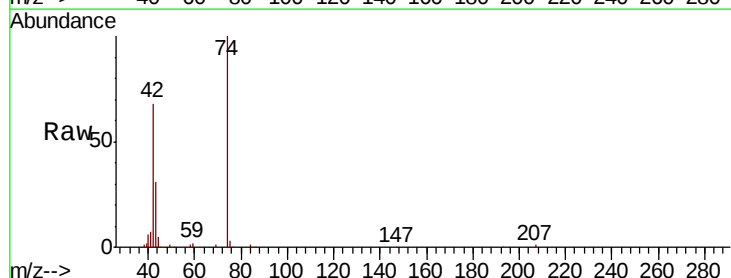
Tgt Ion: 42 Resp: 99505

Ion Ratio Lower Upper

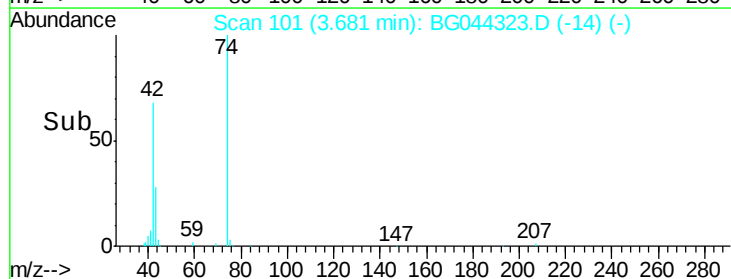
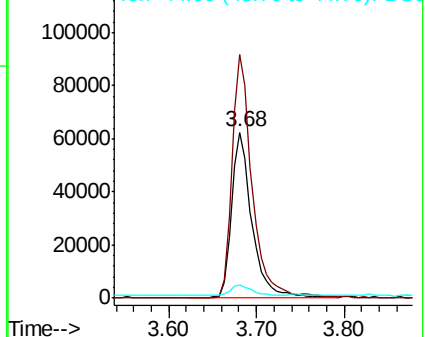
42 100

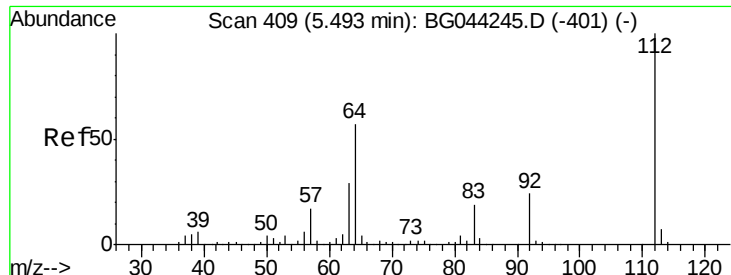
74 146.8 115.1 172.7

44 7.8 5.6 8.4



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





#5

2-Fluorophenol

Concen: 98.129 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

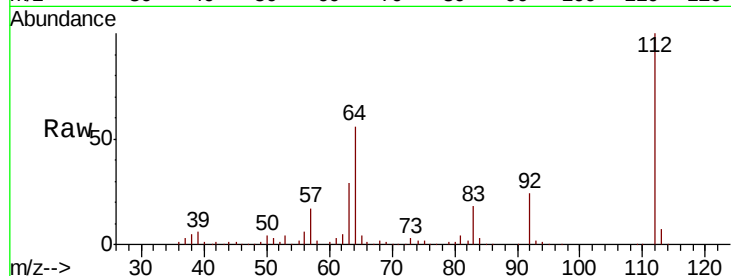
Tot Ion:112 Resp: 415265

Ion Ratio Lower Upper

112 100

64 56.2 45.4 68.2

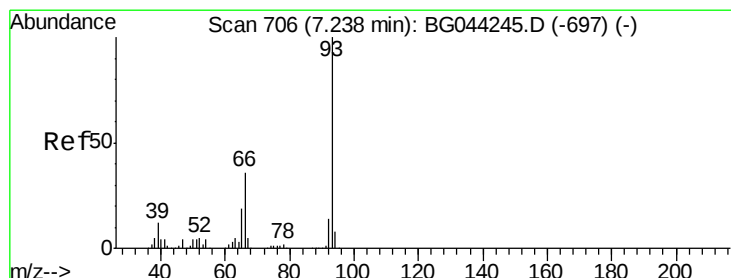
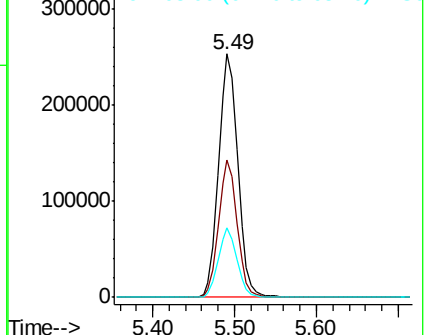
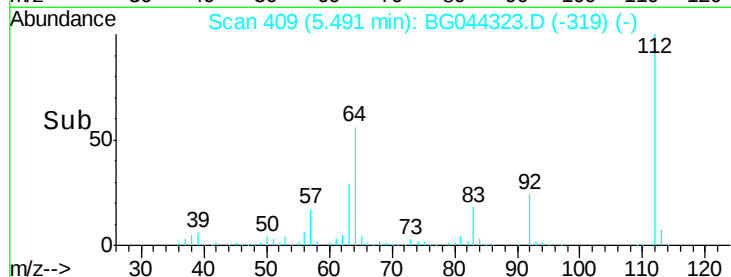
63 28.8 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.176 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

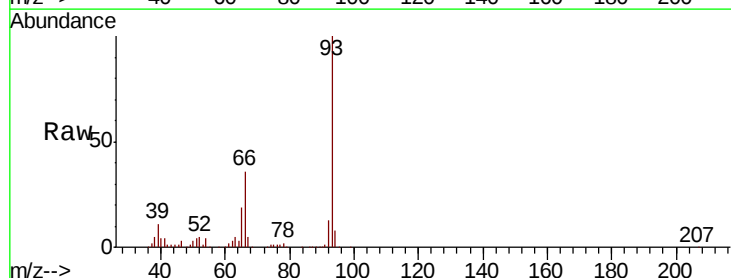
Tgt Ion: 93 Resp: 262232

Ion Ratio Lower Upper

93 100

66 35.8 28.7 43.1

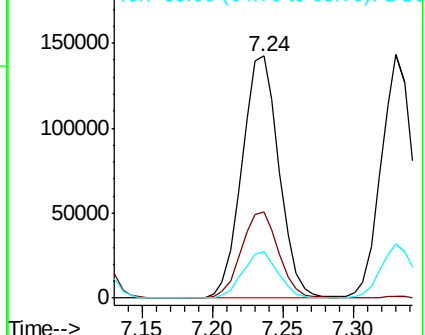
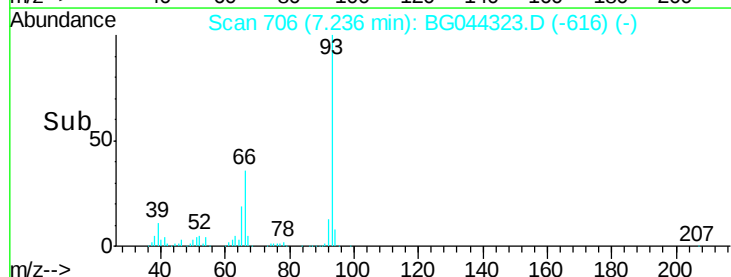
65 19.0 15.4 23.0

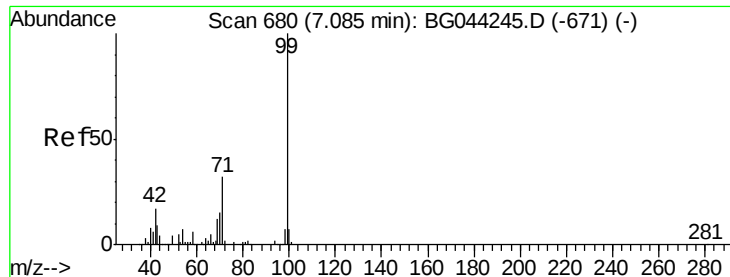


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 97.014 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

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ClientSampleId :

PB126588BS

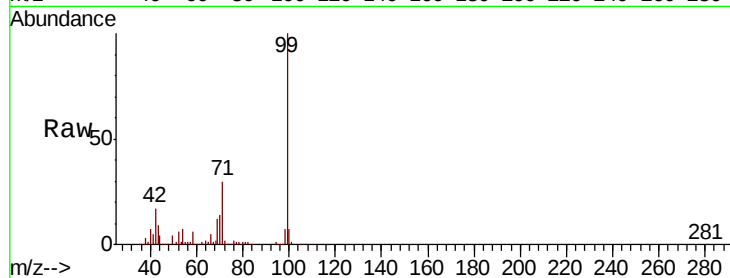
Tot Ion: 99 Resp: 551304

Ion Ratio Lower Upper

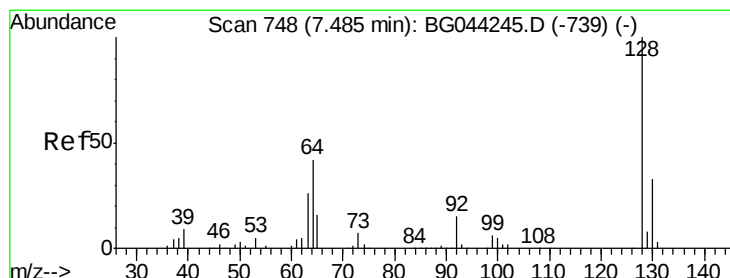
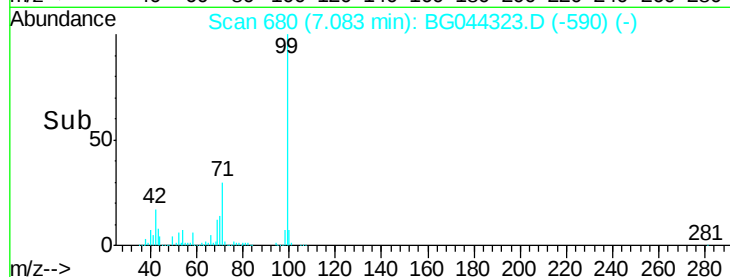
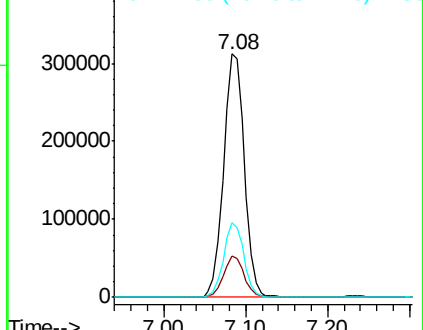
99 100

42 17.0 13.8 20.6

71 30.4 25.5 38.3



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



#8

2-Chlorophenol

Concen: 53.701 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

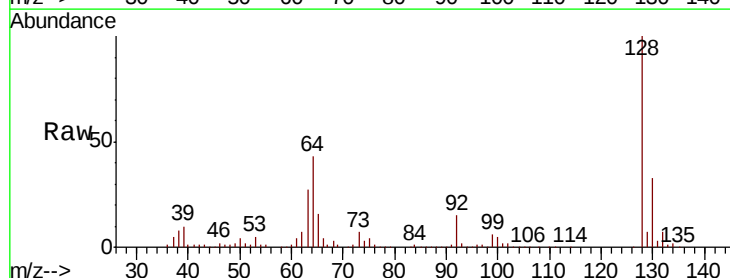
Tgt Ion: 128 Resp: 249760

Ion Ratio Lower Upper

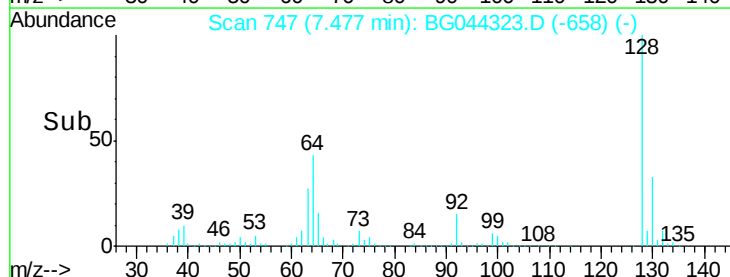
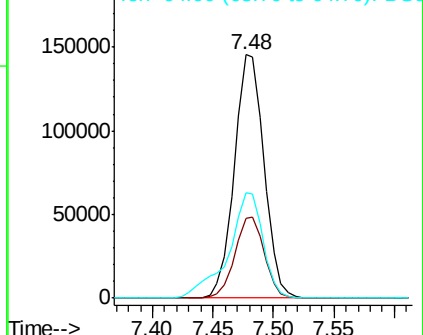
128 100

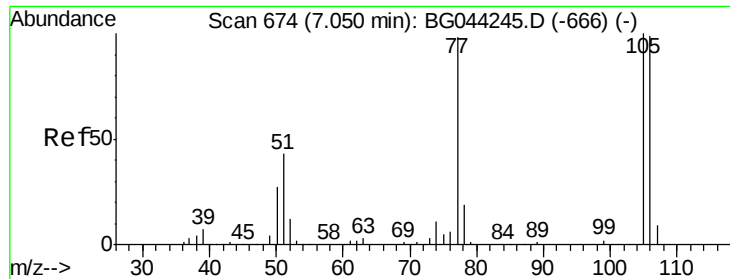
130 32.6 12.5 52.5

64 43.2 24.2 64.2



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





#9

Benzaldehyde

Concen: 36.771 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

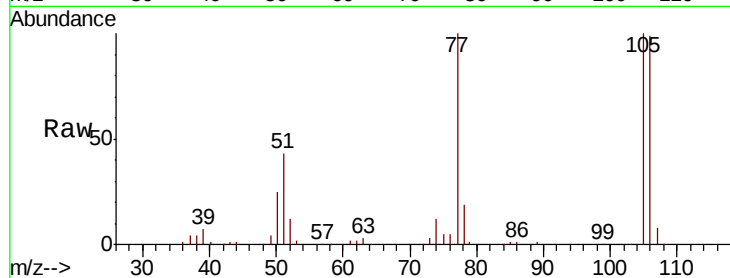
Tot Ion: 77 Resp: 119008

Ion Ratio Lower Upper

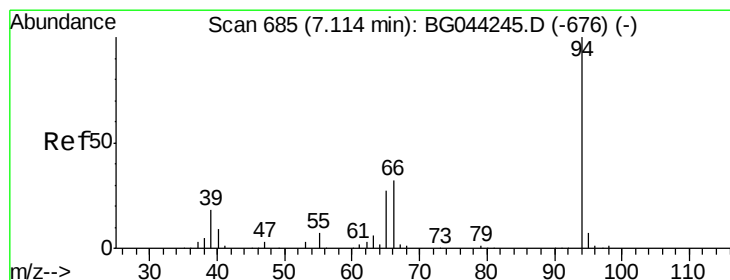
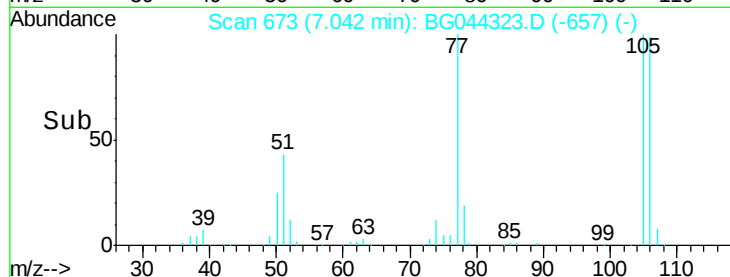
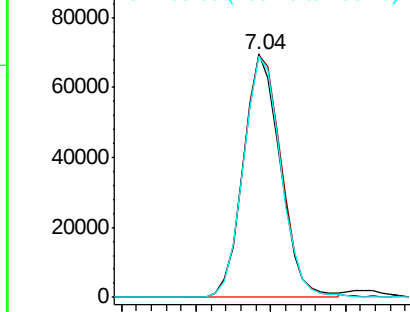
77 100

105 99.8 82.0 122.0

106 98.8 80.7 120.7



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



#10

Phenol

Concen: 54.255 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

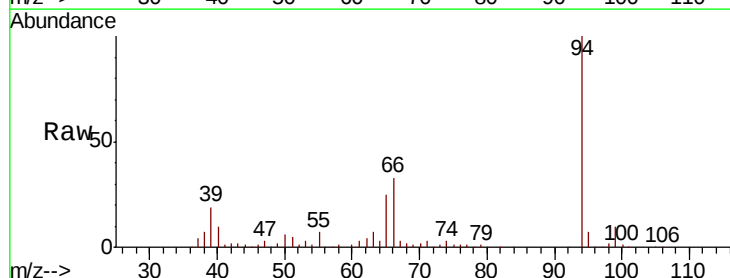
Tgt Ion: 94 Resp: 305129

Ion Ratio Lower Upper

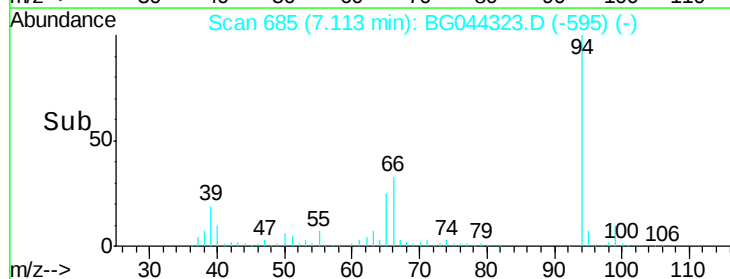
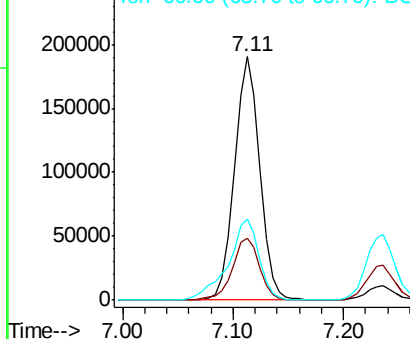
94 100

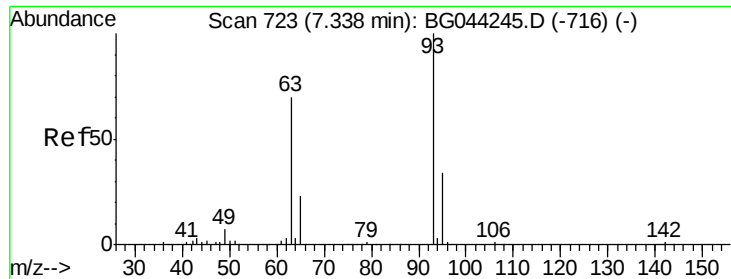
65 25.2 7.0 47.0

66 33.2 12.7 52.7



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

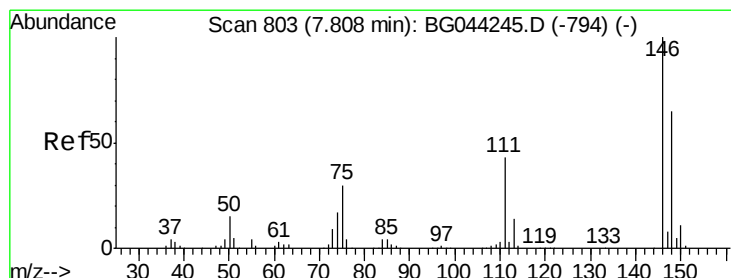
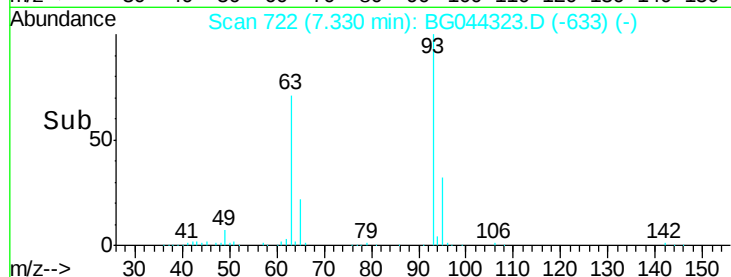
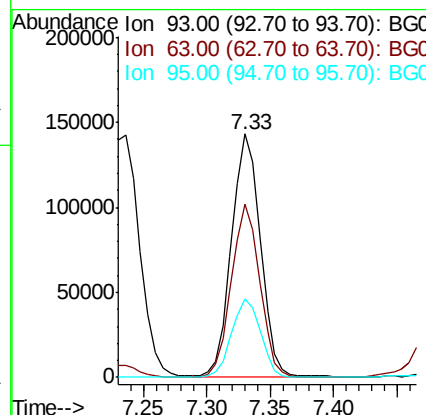
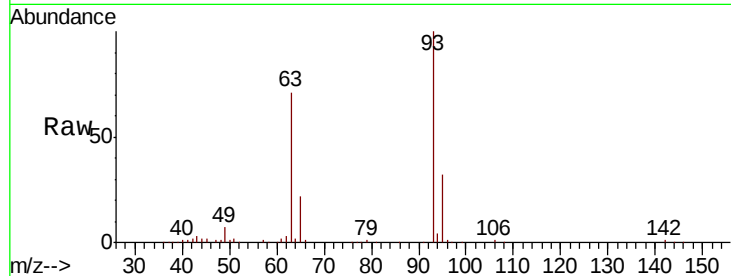




#11
bis(2-Chloroethyl)ether
Concen: 46.990 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

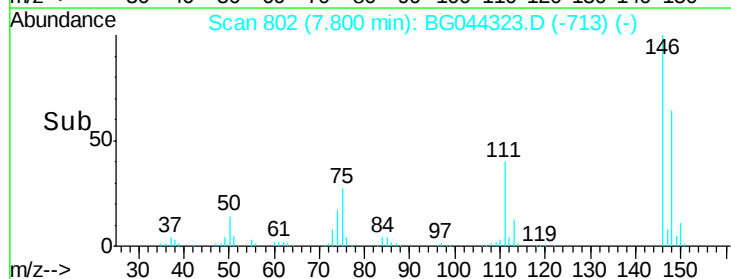
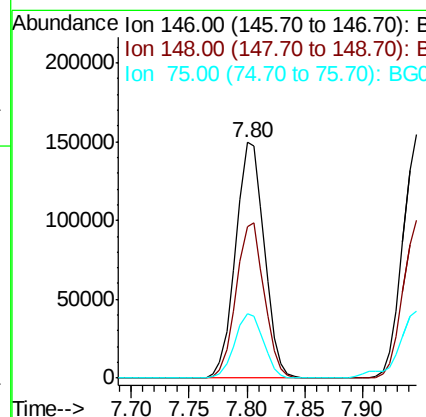
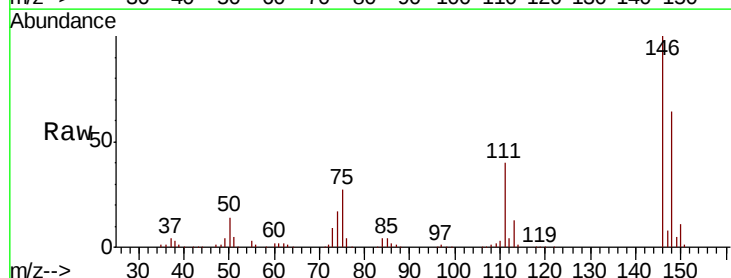
Instrument :
BNA_G
ClientSampleId :
PB126588BS

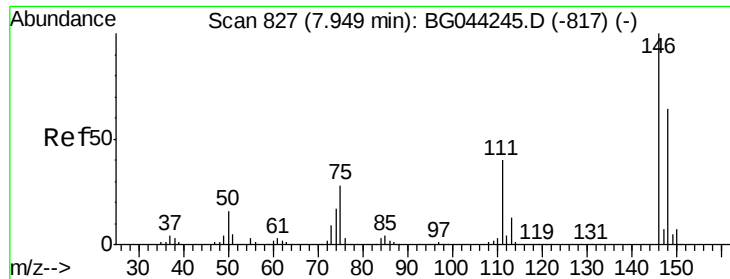
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	49.2	89.2
95	32.4	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 46.340 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	27.2	23.7	35.5

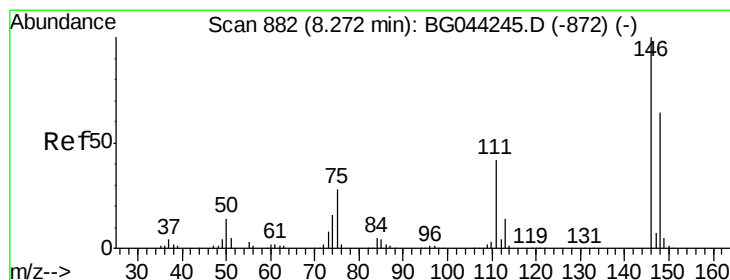
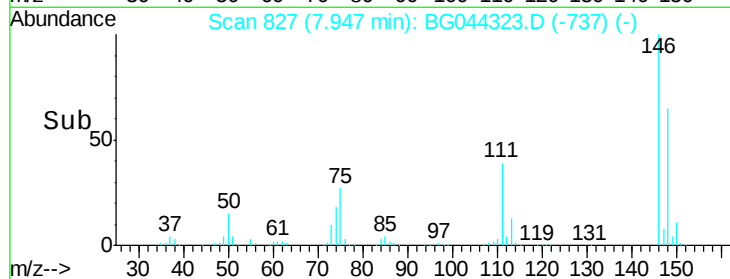
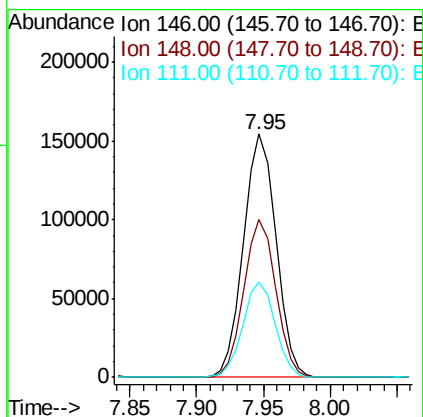
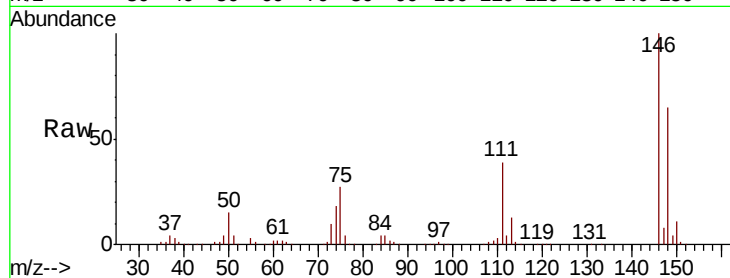




#13
 1,4-Dichlorobenzene
 Concen: 47.370 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

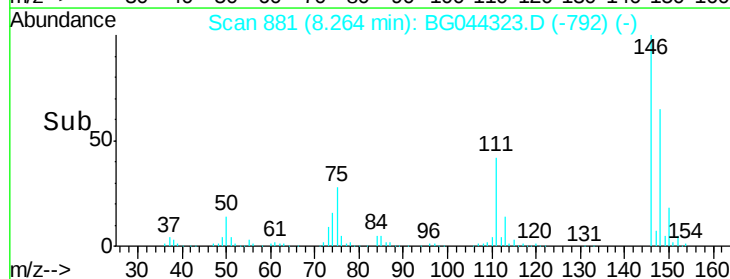
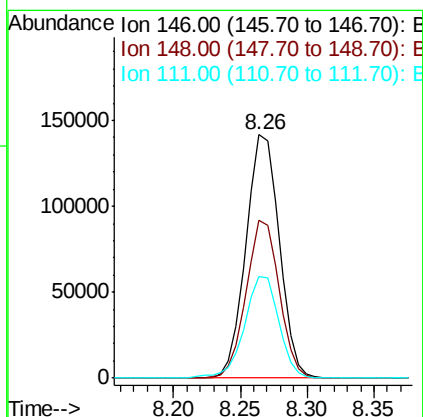
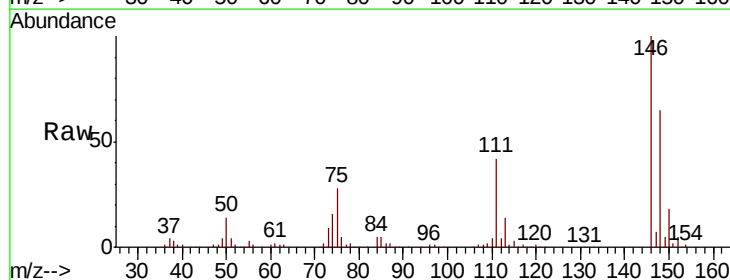
Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

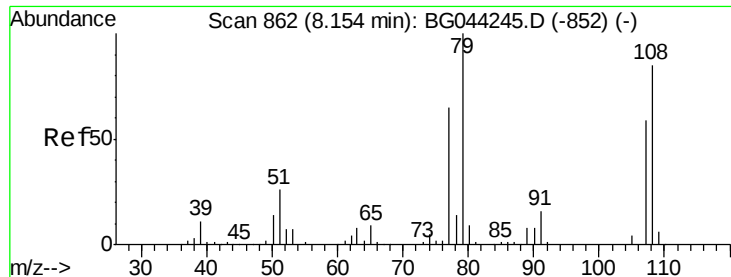
Tot Ion:146 Resp: 260529
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 111 39.1 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 46.999 ng
 RT: 8.26 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion:146 Resp: 244323
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.2 76.8
 111 41.8 34.0 51.0





#15

Benzyl Alcohol

Concen: 49.546 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

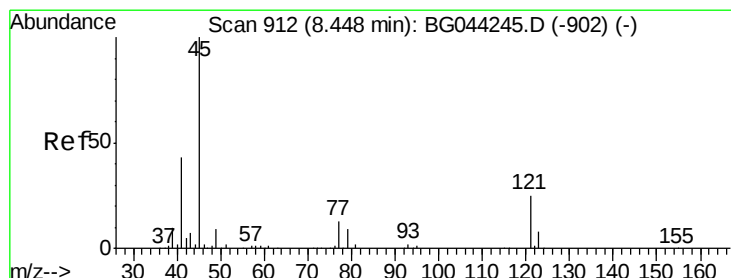
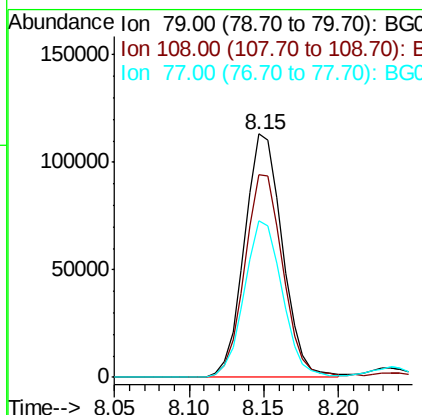
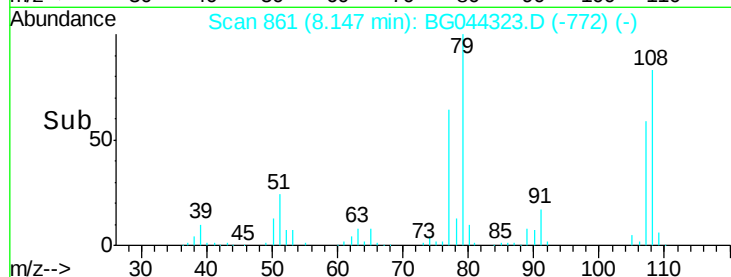
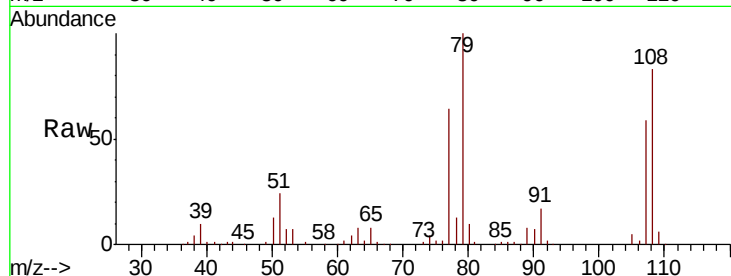
Tot Ion: 79 Resp: 199336

Ion Ratio Lower Upper

79 100

108 83.4 68.3 102.5

77 64.2 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.772 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

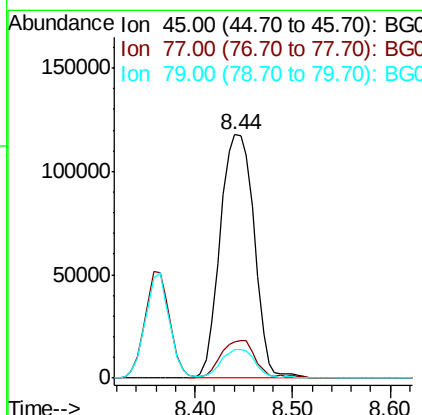
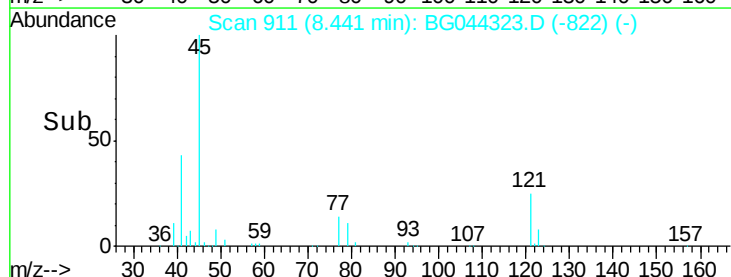
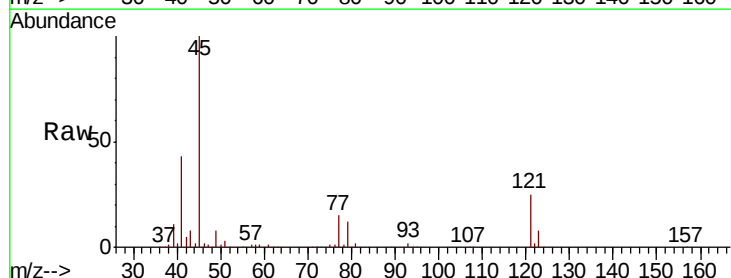
Tgt Ion: 45 Resp: 284856

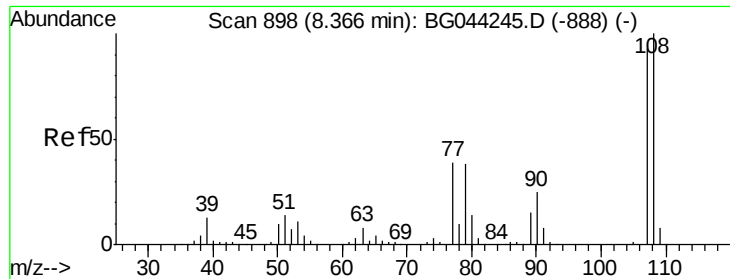
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.2

79 11.9 0.0 31.1

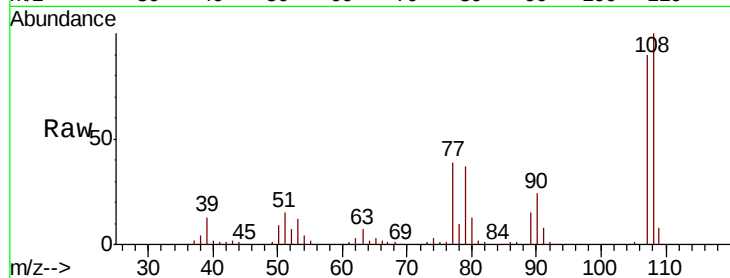




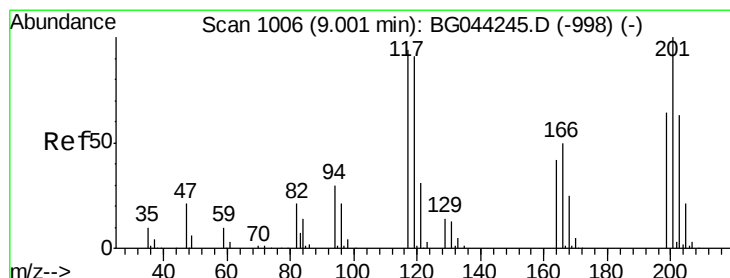
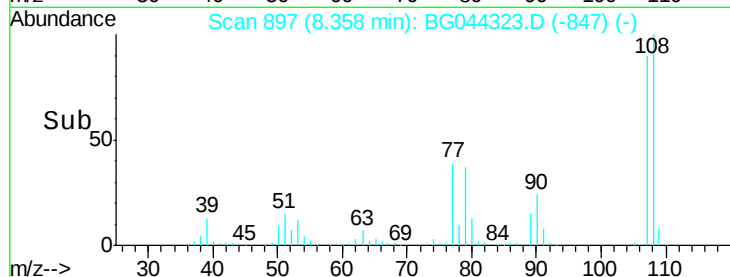
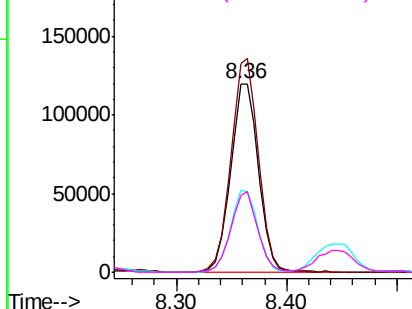
#17
2-Methylphenol
Concen: 52.882 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:	107	Resp:	212195
Ion	Ratio	Lower	Upper
107	100		
108	110.7	86.4	129.6
77	43.2	34.0	51.0
79	40.4	32.9	49.3

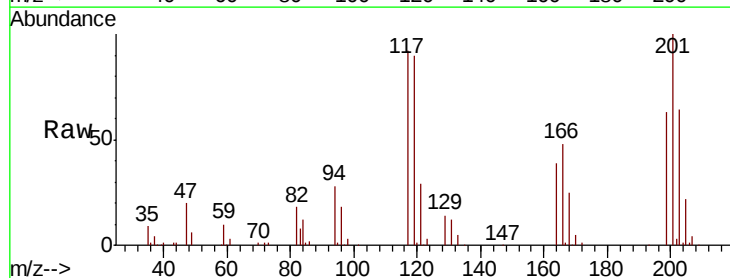


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

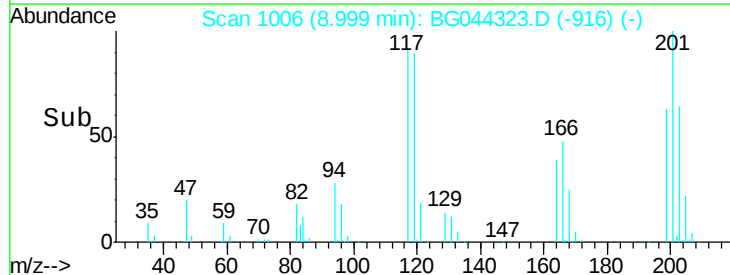
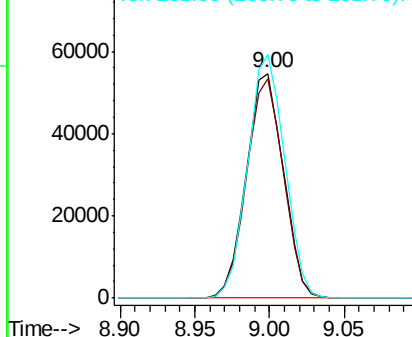


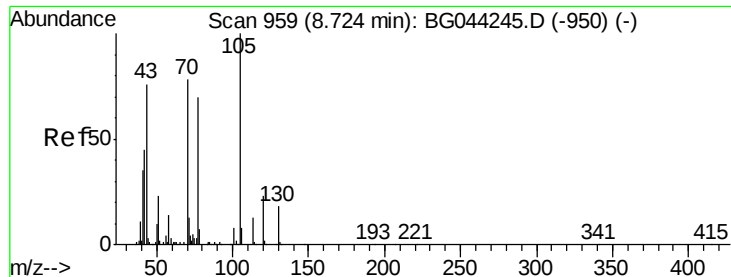
#18
Hexachloroethane
Concen: 45.468 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:	117	Resp:	93840
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.5	116.3
201	108.5	84.9	127.3



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

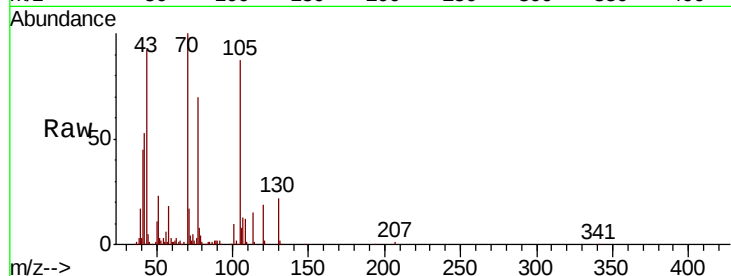




#19
n-Nitroso-di-n-propylamine
Concen: 45.527 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:	70	Resp:	172424
Ion	Ratio	Lower	Upper
70	100		
42	53.4	46.2	69.2
101	10.0	8.4	12.6
130	22.5	17.8	26.8



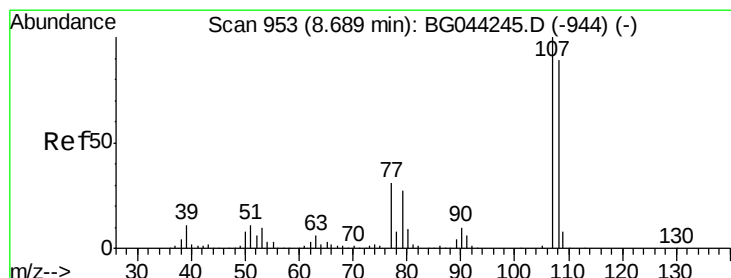
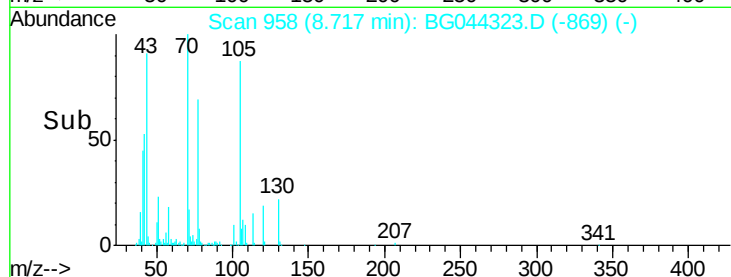
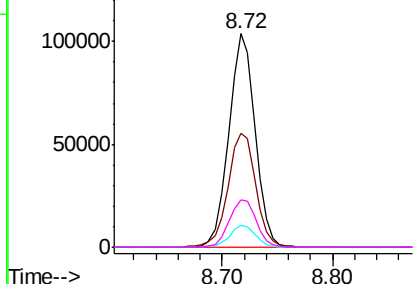
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

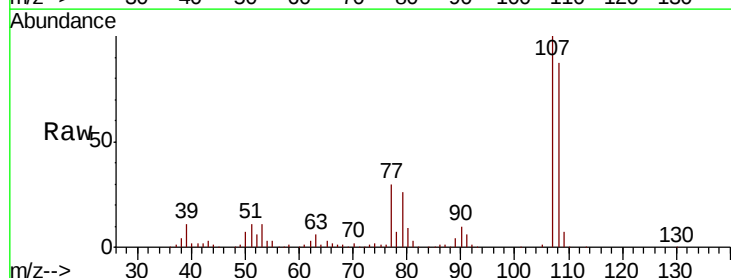
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 52.694 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:	107	Resp:	291397
Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.5	108.5
77	30.4	10.9	50.9
79	26.0	7.1	47.1



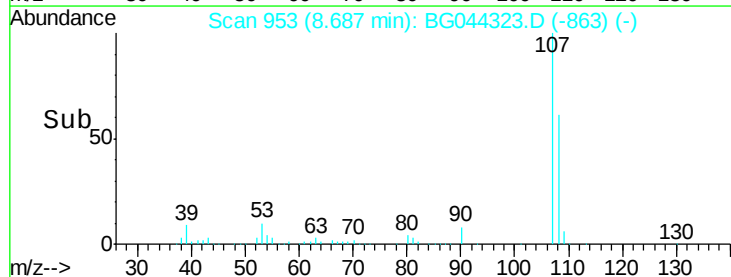
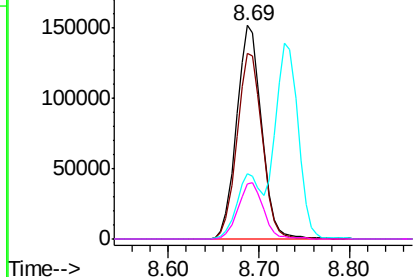
Abundance

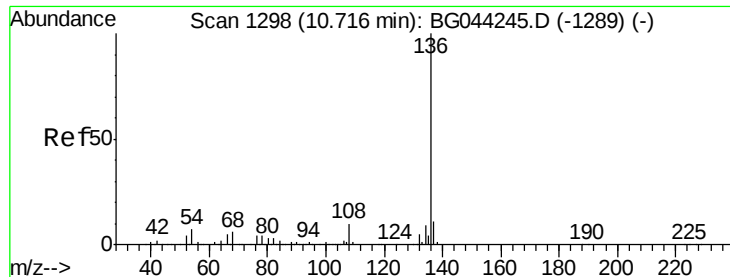
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

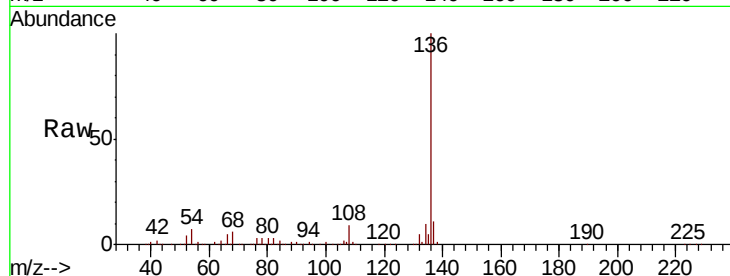




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:136	Resp:	302447
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 7.2	5.8	8.8
68 5.5	4.6	6.8



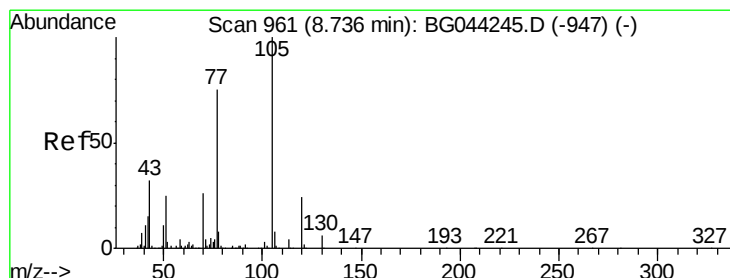
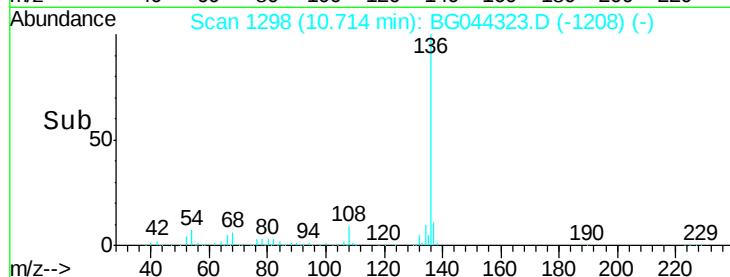
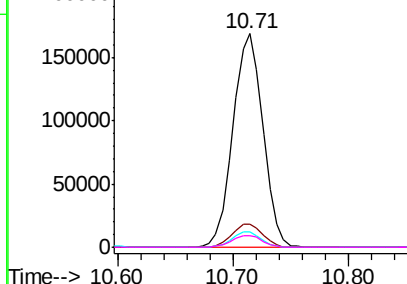
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

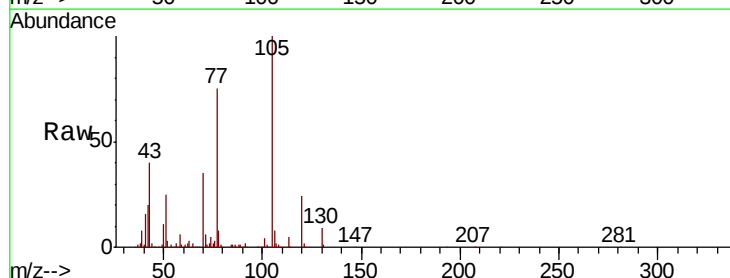
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 45.093 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt	Ion:105	Resp:	331773
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.4	5.0#
51	25.0	20.2	30.4
120	23.5	19.1	28.7



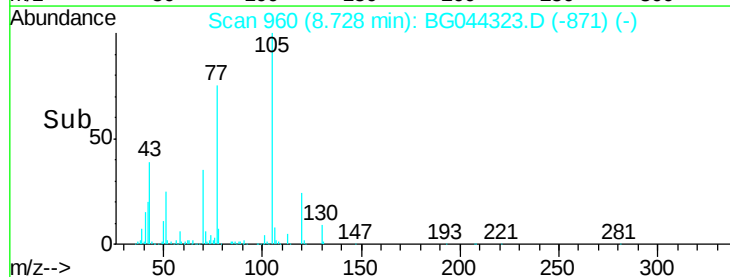
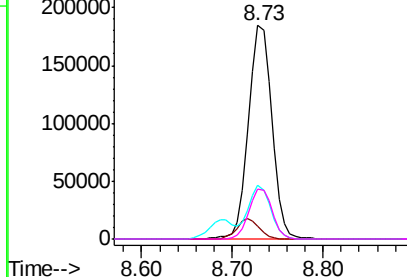
Abundance

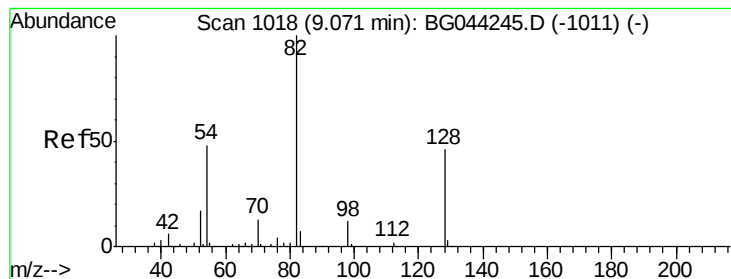
Ion 105.00 (104.70 to 105.70): E

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: 80.715 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

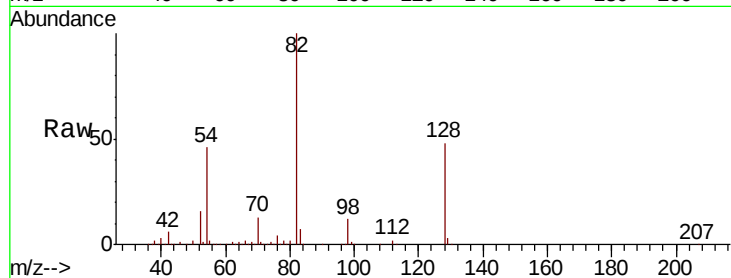
Tot Ion: 82 Resp: 432408

Ion Ratio Lower Upper

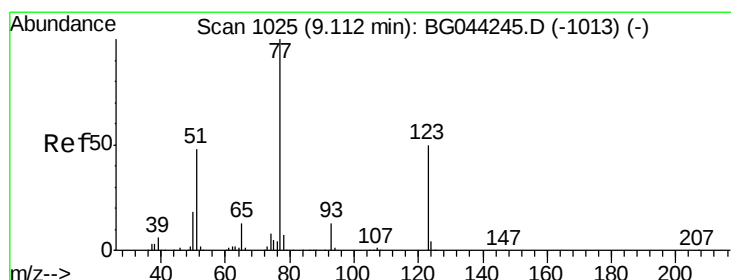
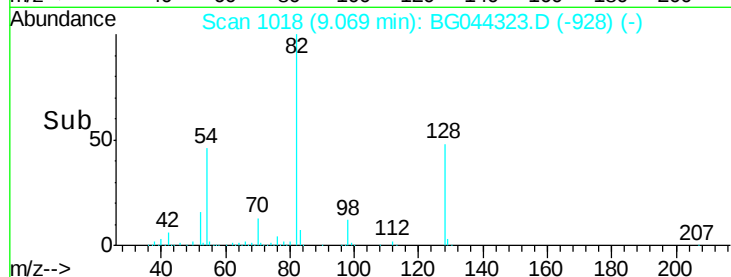
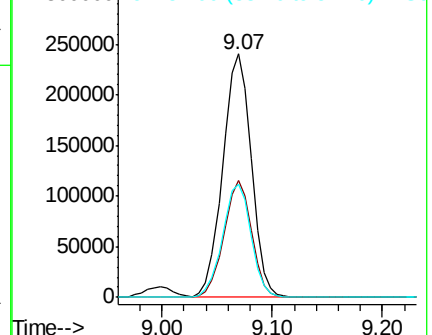
82 100

128 47.9 36.5 54.7

54 46.4 38.6 58.0



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



#24

Nitrobenzene

Concen: 47.520 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

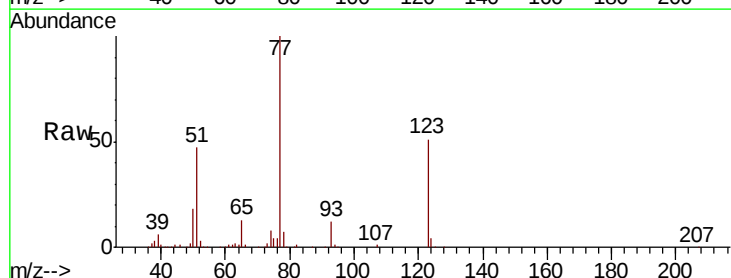
Tgt Ion: 77 Resp: 248526

Ion Ratio Lower Upper

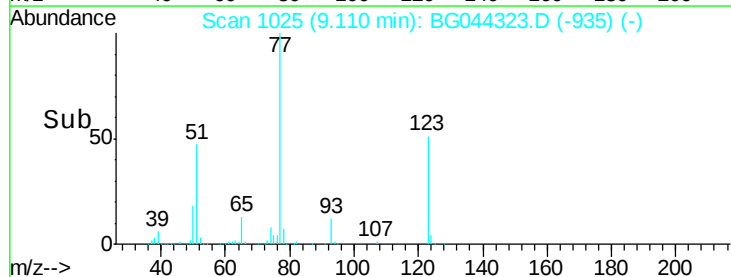
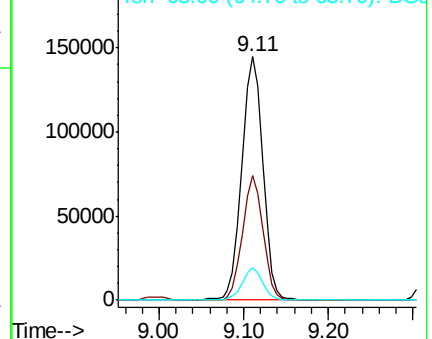
77 100

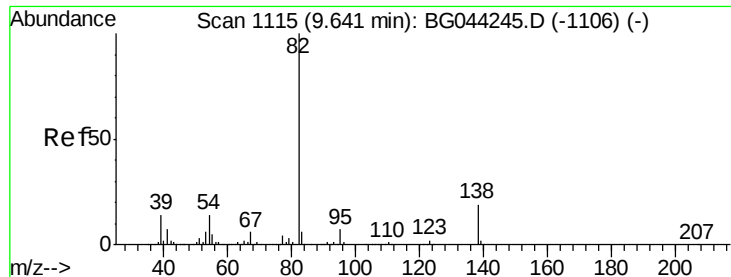
123 51.4 39.9 59.9

65 13.1 10.4 15.6



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: 47.870 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

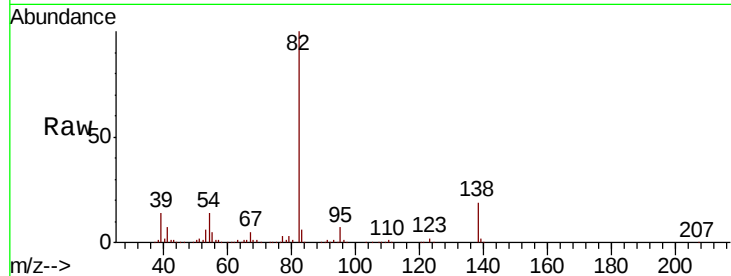
Tot Ion: 82 Resp: 477987

Ion Ratio Lower Upper

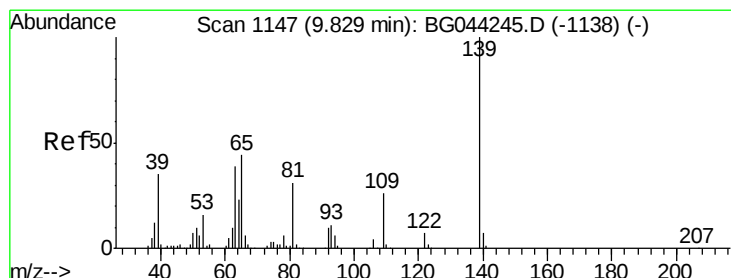
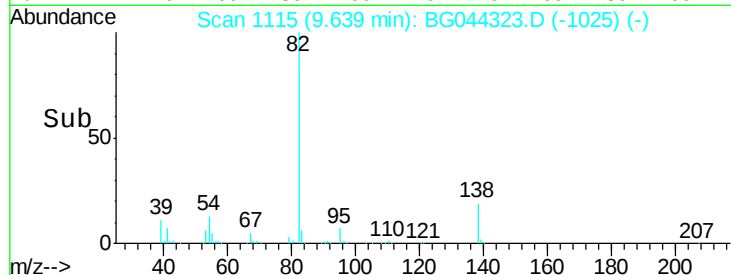
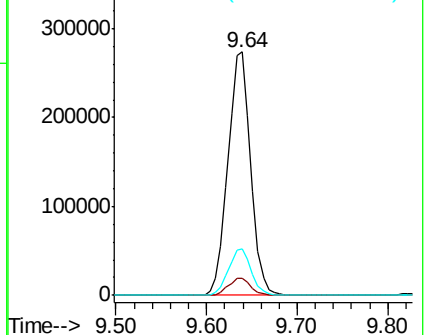
82 100

95 7.0 5.7 8.5

138 19.0 15.0 22.4



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: 52.009 ng

RT: 9.82 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

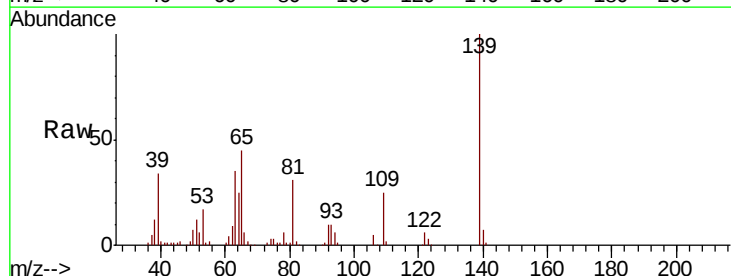
Tgt Ion: 139 Resp: 141141

Ion Ratio Lower Upper

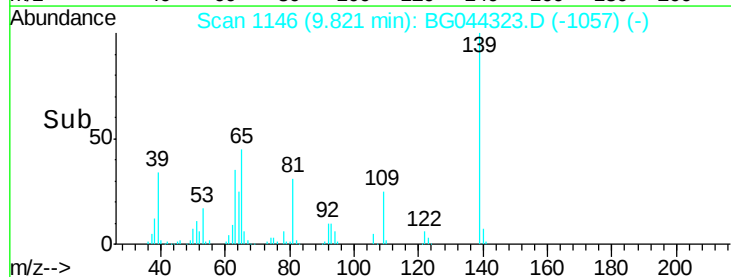
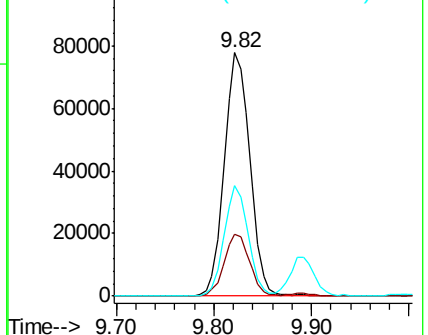
139 100

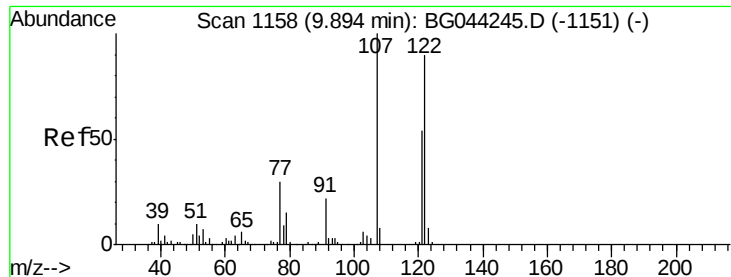
109 25.3 21.0 31.4

65 45.5 35.0 52.4



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

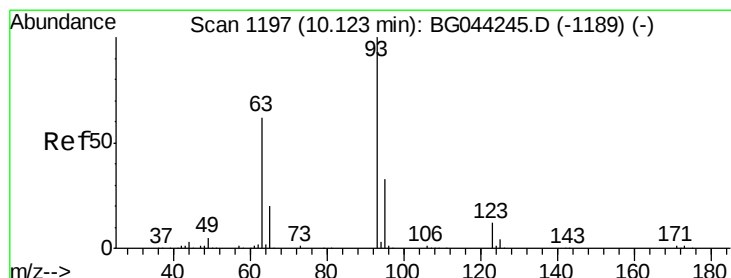
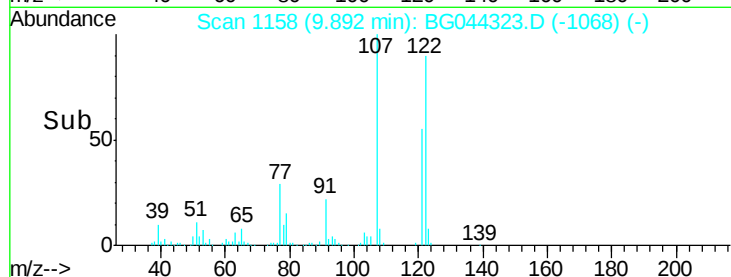
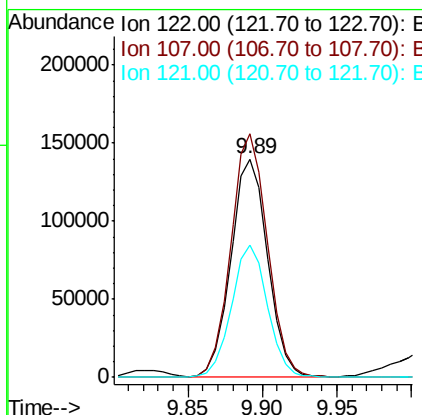
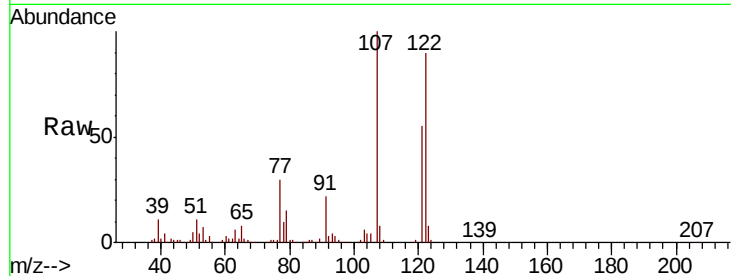




#27
2,4-Dimethylphenol
Concen: 62.193 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

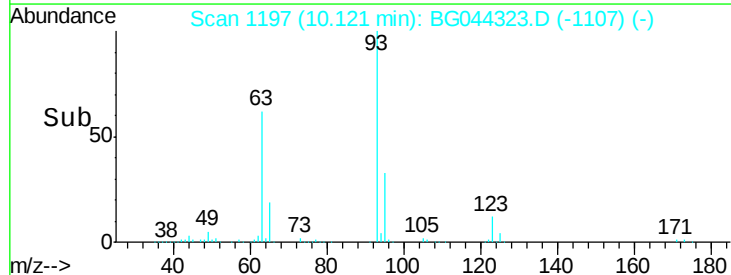
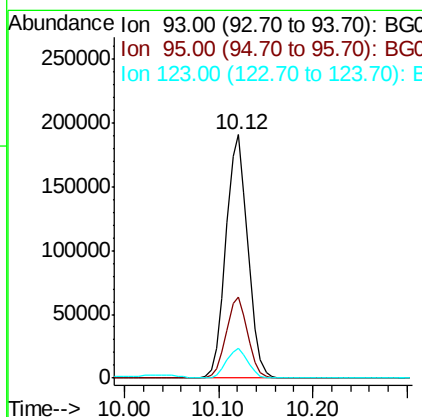
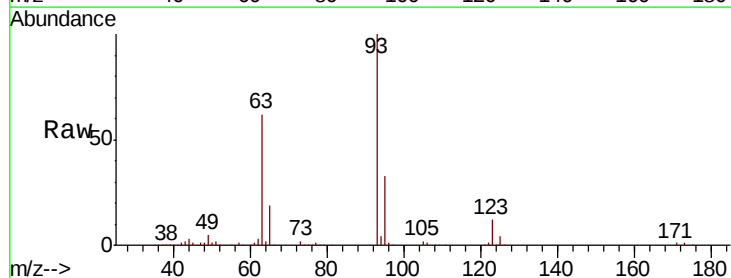
Instrument :
BNA_G
ClientSampleId :
PB126588BS

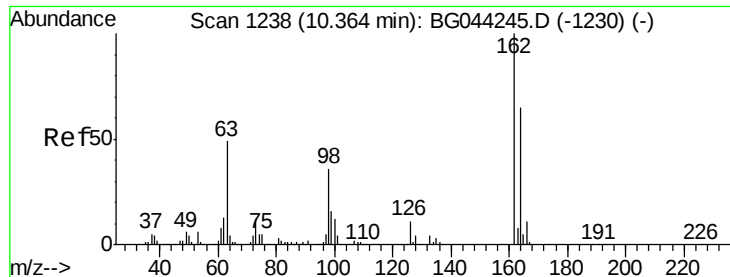
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.8	133.2
121	60.9	48.3	72.5



#28
bis(2-Chloroethoxy)methane
Concen: 46.381 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	12.3	10.0	15.0

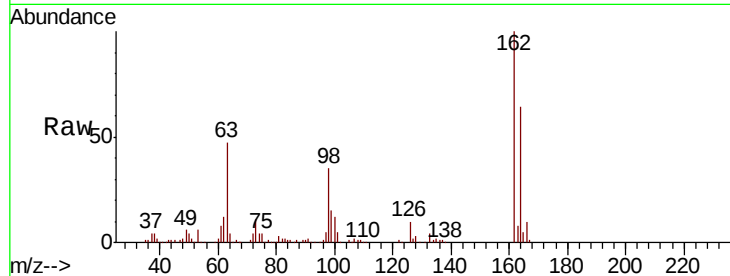




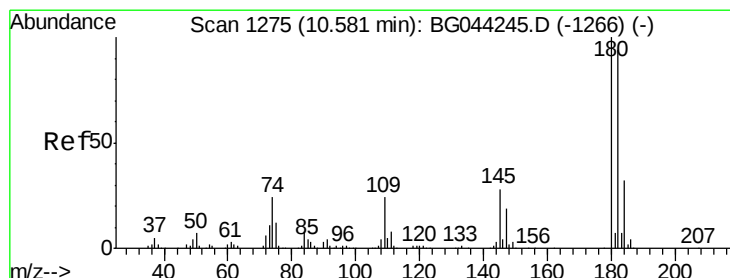
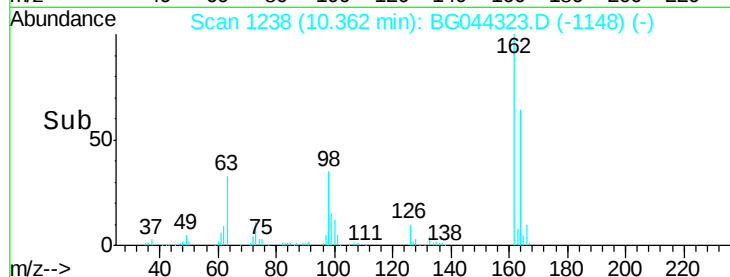
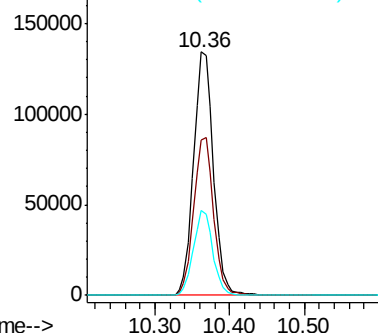
#29
2,4-Dichlorophenol
Concen: 53.878 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.7	84.7
98	34.9	15.8	55.8

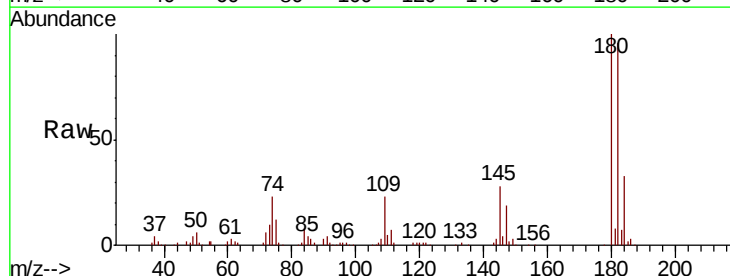


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

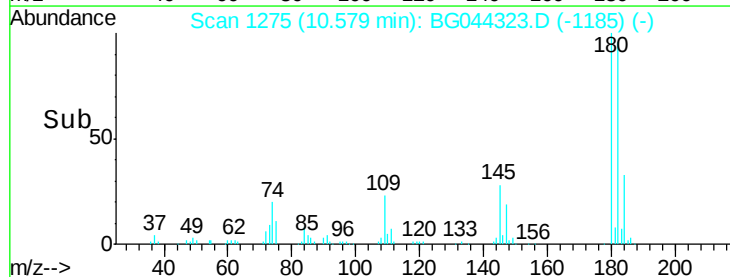
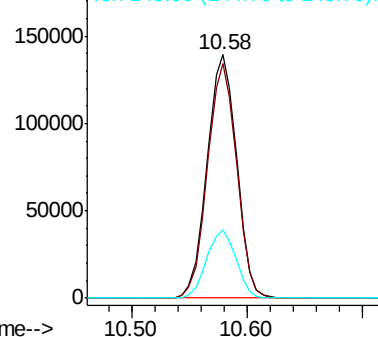


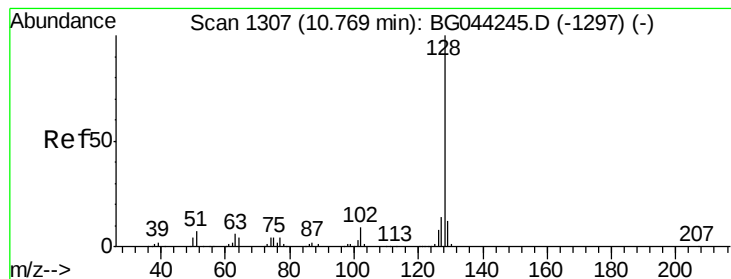
#30
1,2,4-Trichlorobenzene
Concen: 46.244 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.5	113.3
145	27.8	22.6	34.0



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: 48.781 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

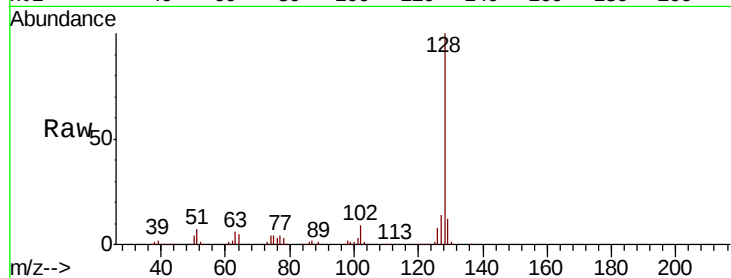
Tot Ion:128 Resp: 715806

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

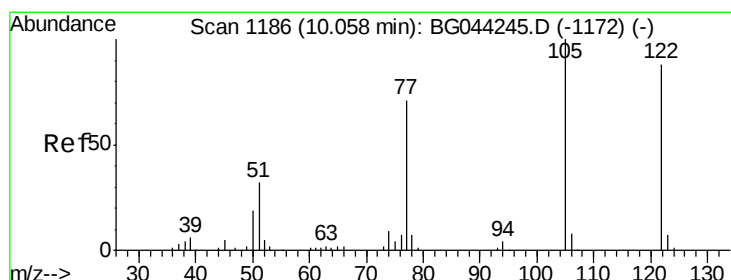
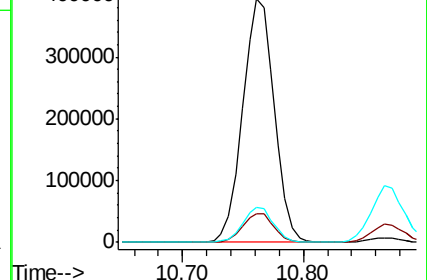
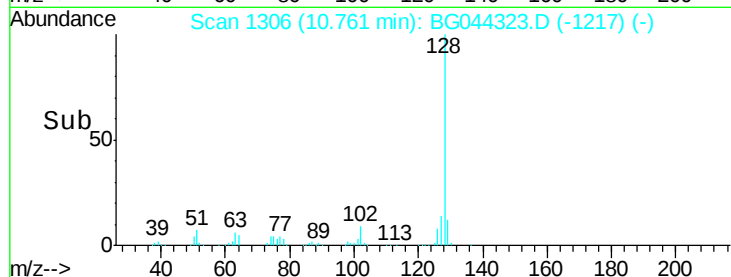
127 14.3 11.6 17.4



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: 48.321 ng

RT: 10.04 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

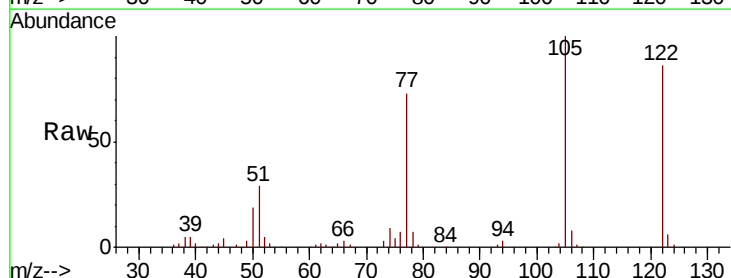
Tgt Ion:122 Resp: 122266

Ion Ratio Lower Upper

122 100

105 116.2 93.5 133.5

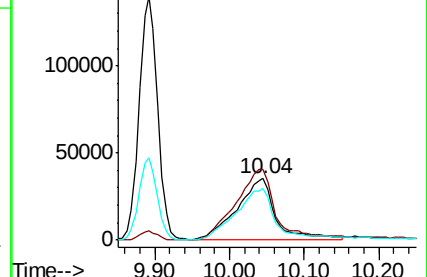
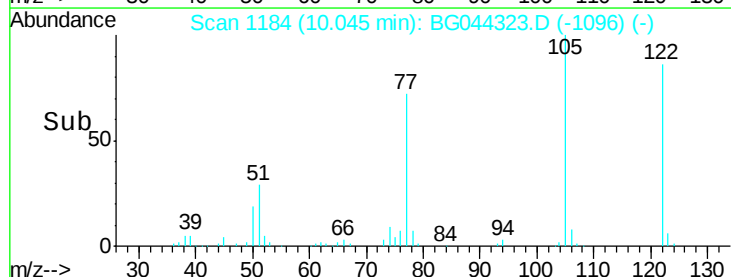
77 84.3 61.0 101.0

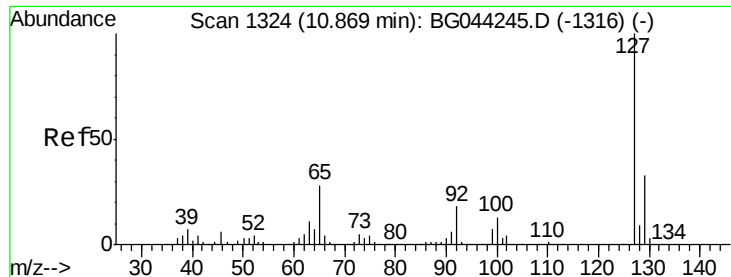


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

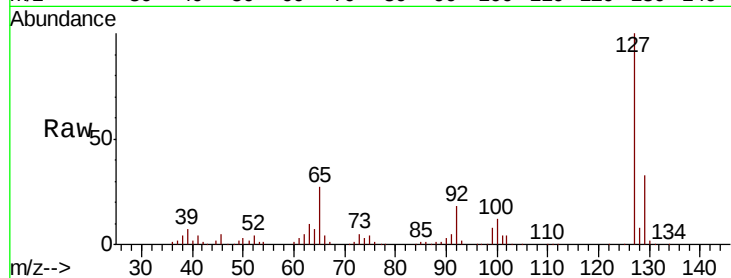




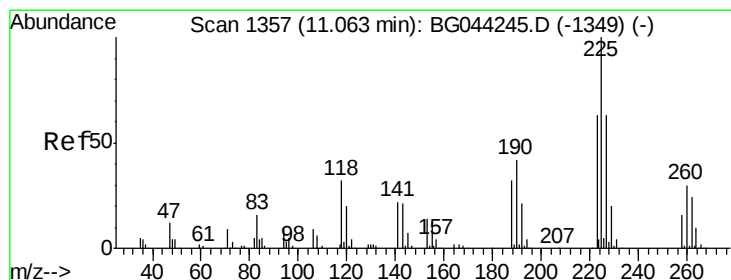
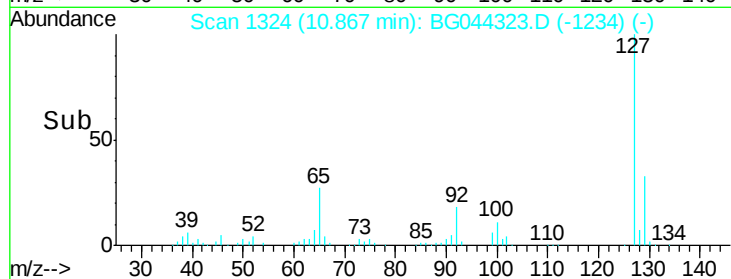
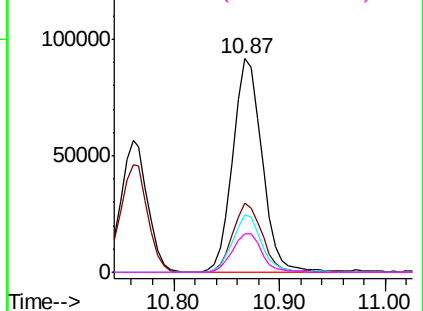
#33
4-Chloroaniline
Concen: 26.406 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:	127	Resp:	176224
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	26.8	22.5	33.7
92	17.7	14.1	21.1

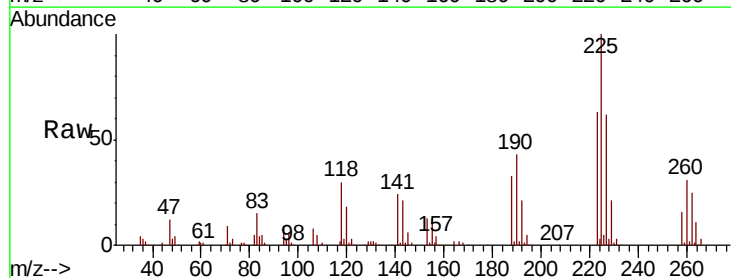


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

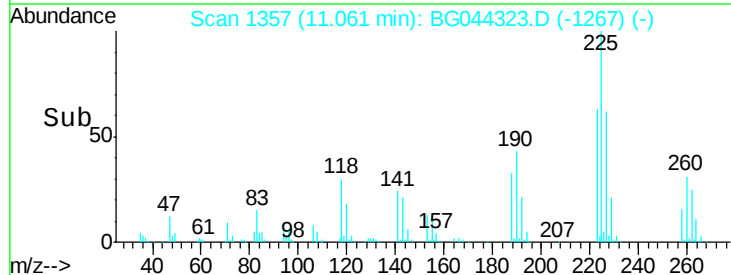
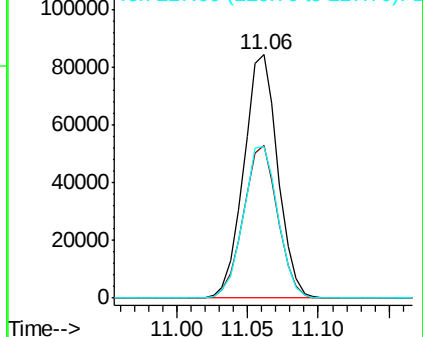


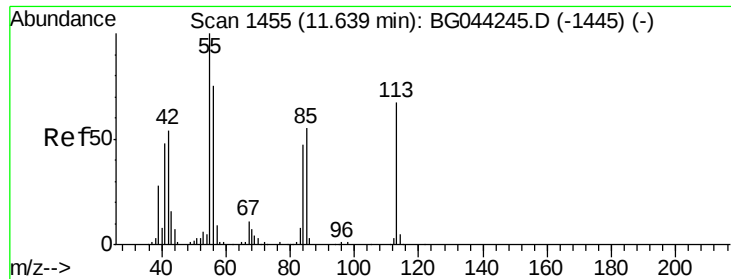
#34
Hexachlorobutadiene
Concen: 43.458 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:	225	Resp:	142028
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.4
227	62.2	50.8	76.2



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

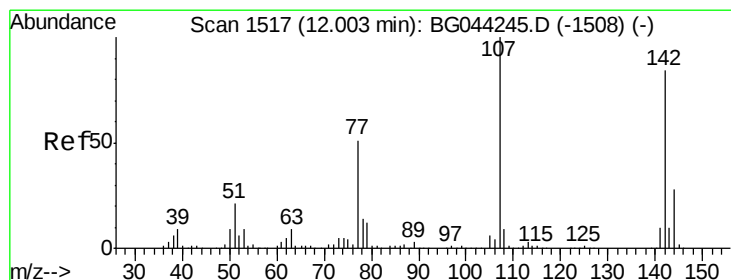
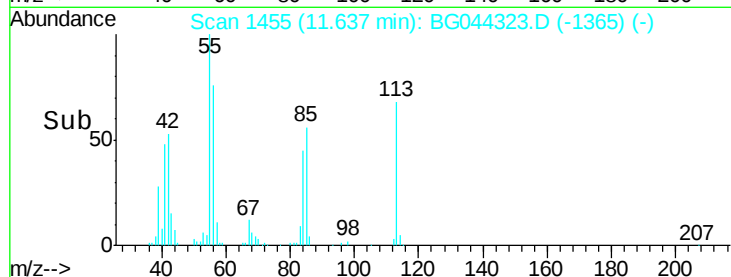
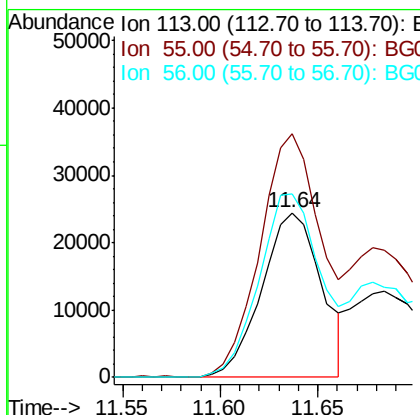
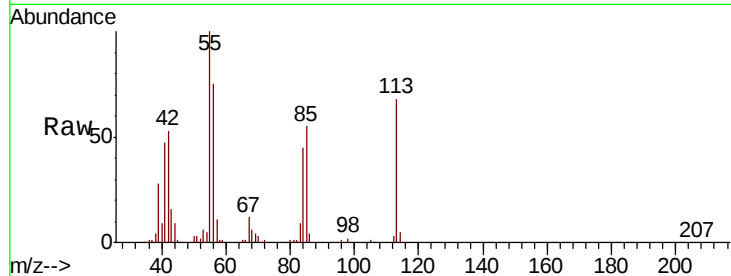




#35
Caprolactam
Concen: 30.489 ng
RT: 11.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

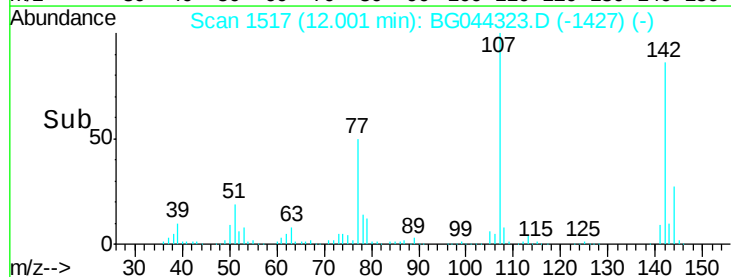
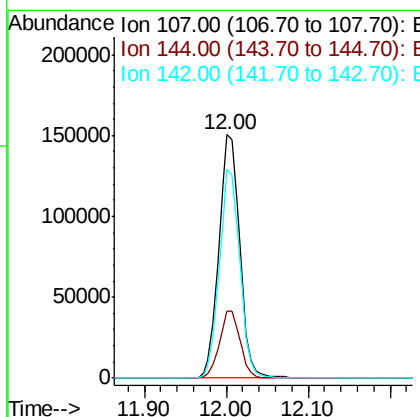
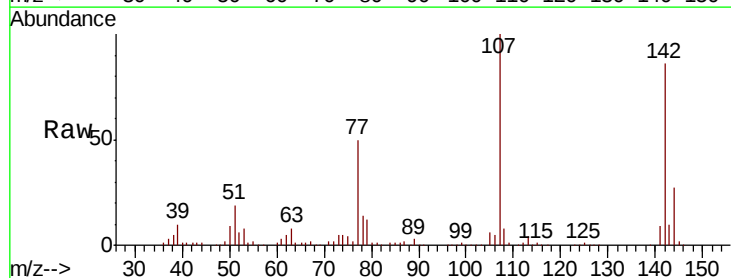
Instrument :
BNA_G
ClientSampleId :
PB126588BS

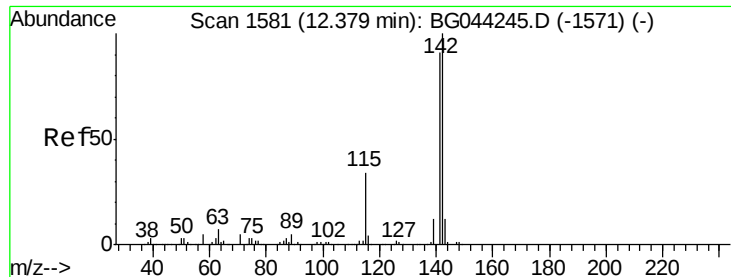
Tot Ion:113 Resp: 51734
Ion Ratio Lower Upper
113 100
55 147.9 129.9 169.9
56 111.6 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 55.225 ng
RT: 12.00 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:107 Resp: 268197
Ion Ratio Lower Upper
107 100
144 27.3 22.2 33.4
142 85.7 67.4 101.0

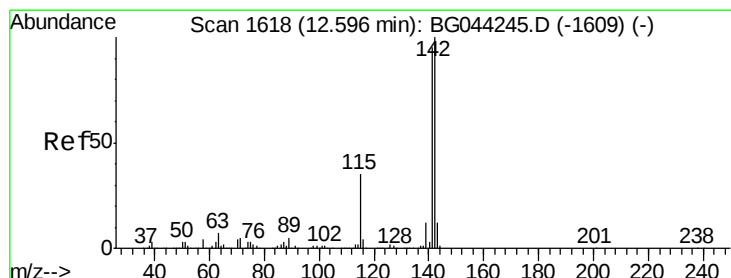
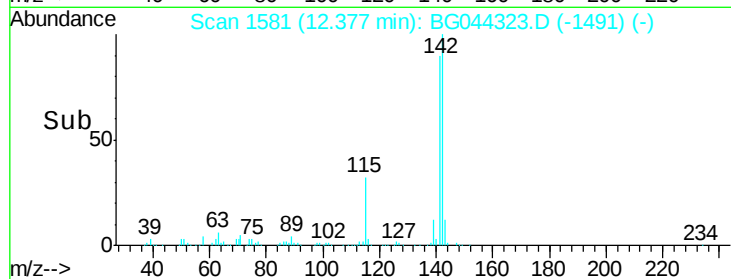
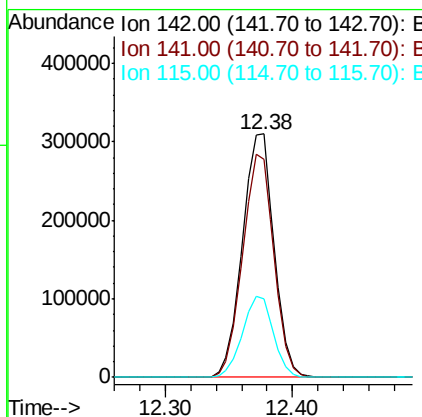
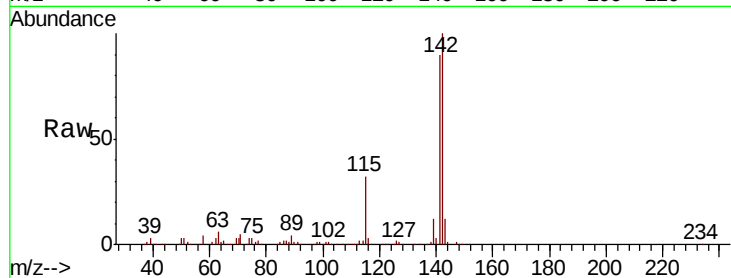




#37
 2-Methylnaphthalene
 Concen: 49.254 ng
 RT: 12.38 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

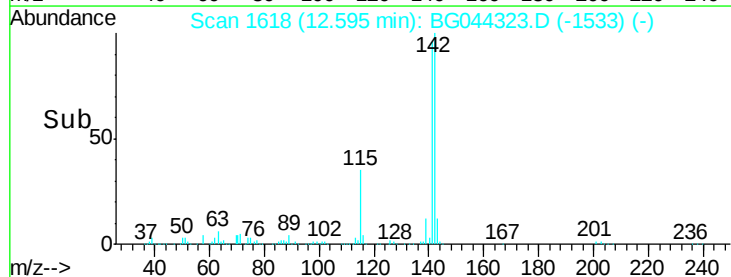
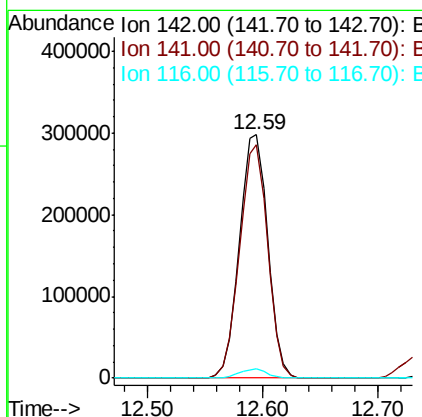
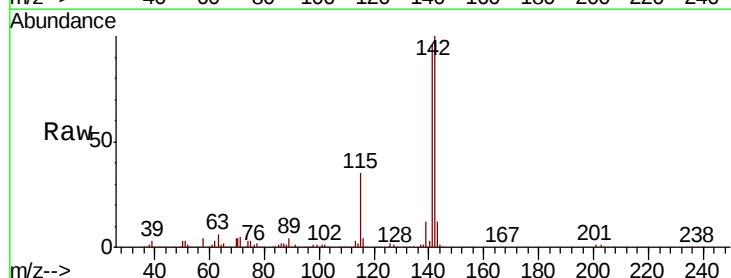
Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

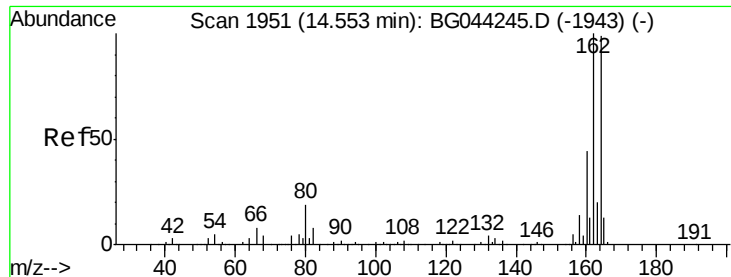
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.2	109.8
115	32.1	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 49.454 ng
 RT: 12.59 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.8	113.6
116	3.7	3.1	4.7

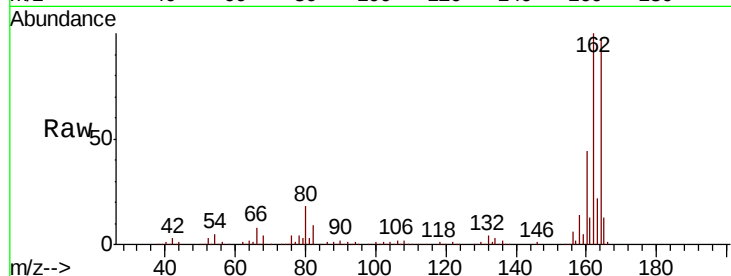




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.7	121.1
160	45.4	35.3	52.9

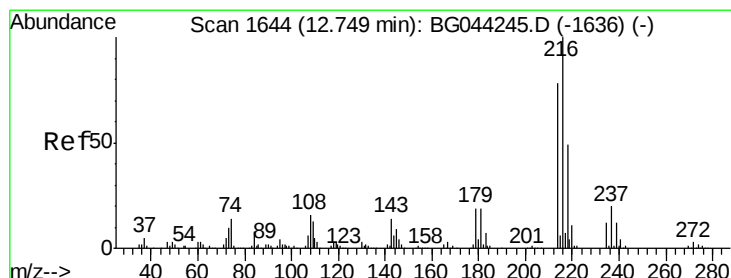
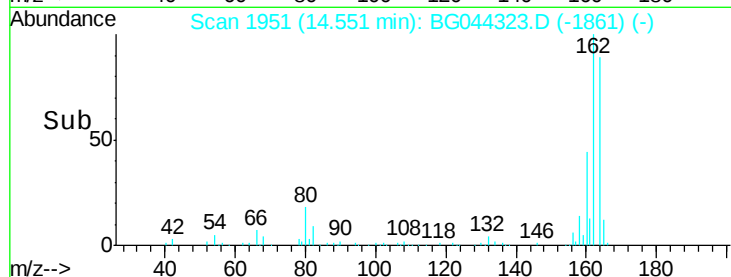
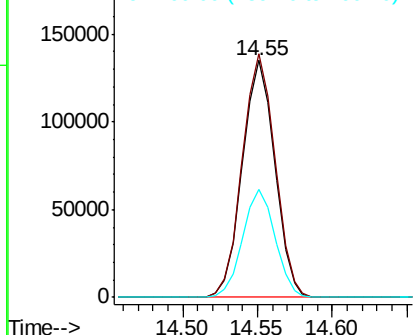


Abundance

Ion 164.00 (163.70 to 164.70): E

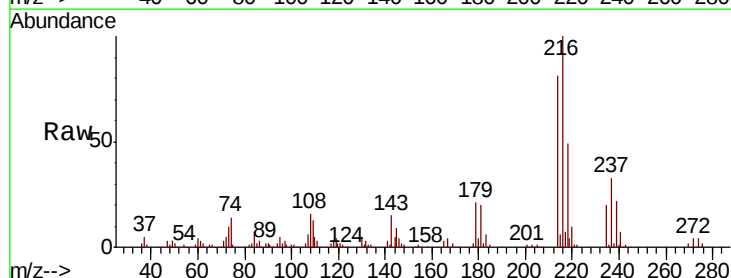
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.313 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.6
179	20.7	16.2	24.4
108	19.1	13.5	20.3



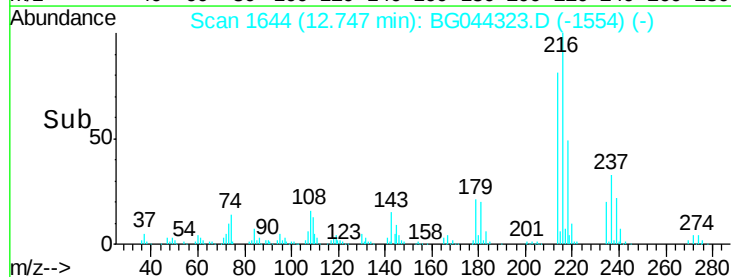
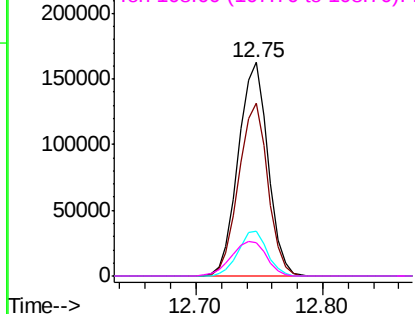
Abundance

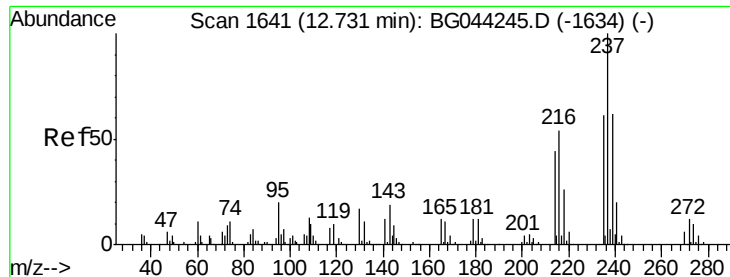
Ion 216.00 (215.70 to 216.70): E

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: 112.408 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

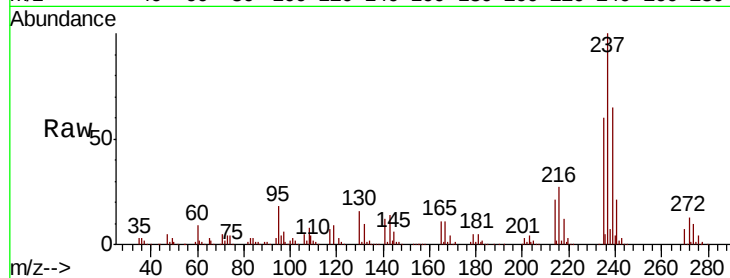
Tot Ion:237 Resp: 327690

Ion Ratio Lower Upper

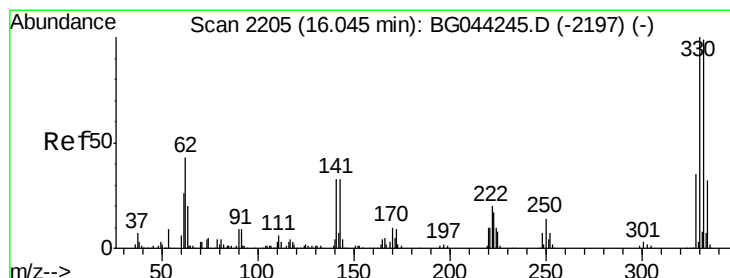
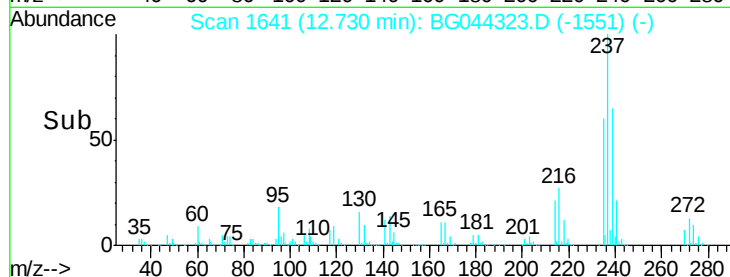
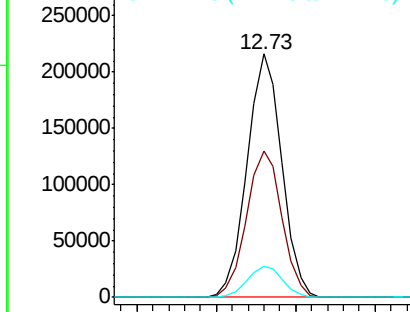
237 100

235 60.0 41.2 81.2

272 12.7 0.0 32.4



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: 98.033 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

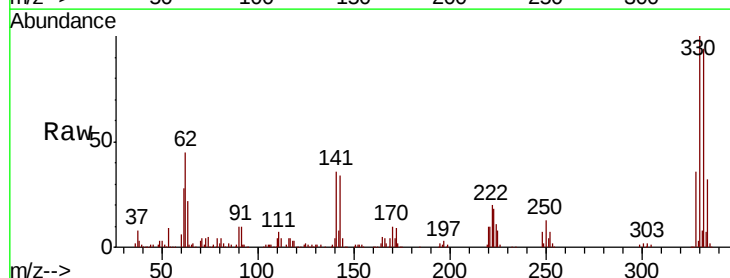
Tgt Ion:330 Resp: 233739

Ion Ratio Lower Upper

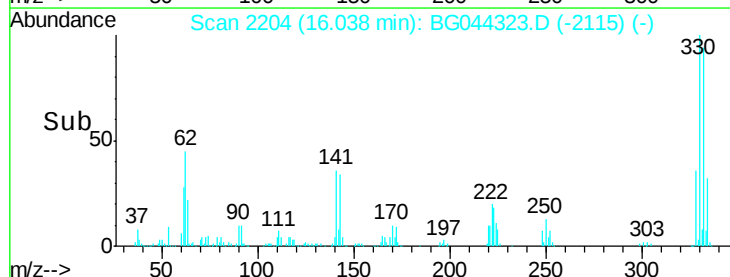
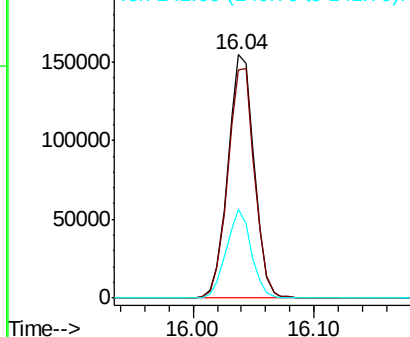
330 100

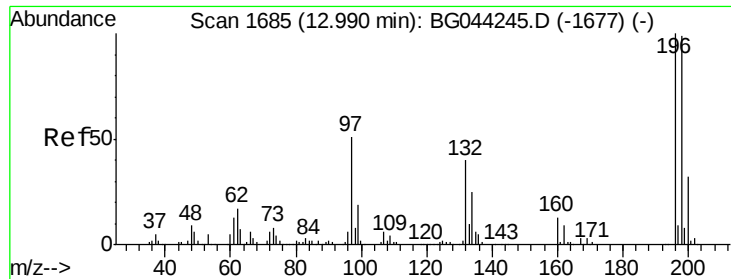
332 95.7 77.2 115.8

141 34.7 28.3 42.5



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

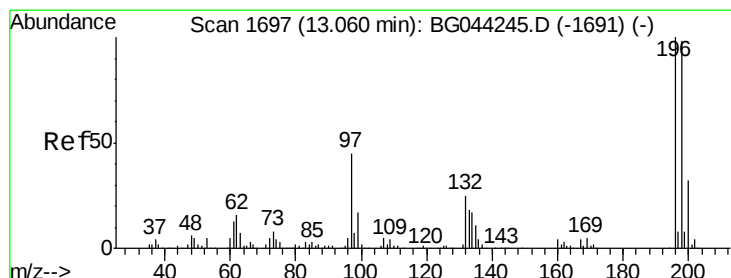
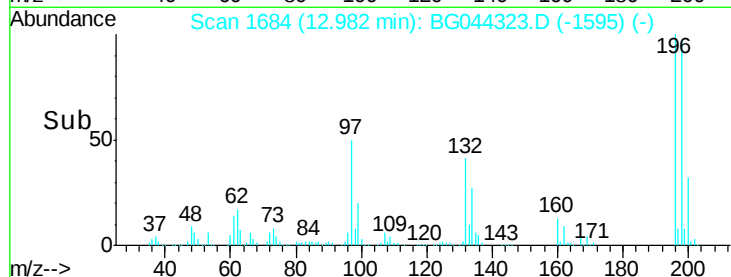
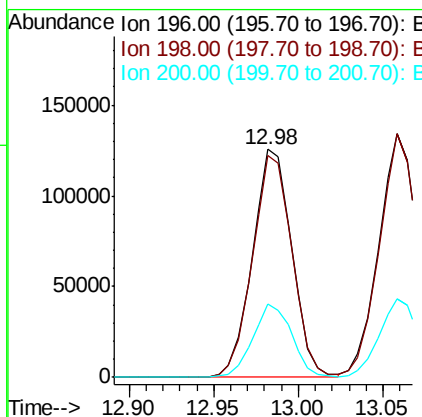
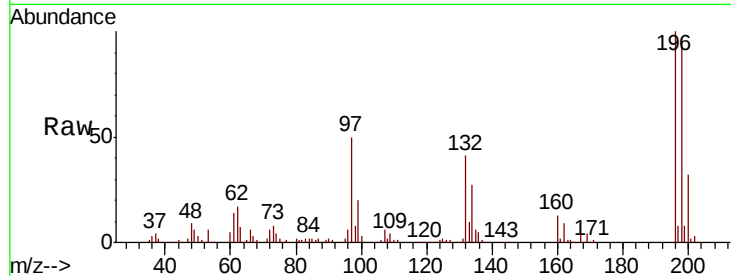




#43
 2,4,6-Trichlorophenol
 Concen: 51.829 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

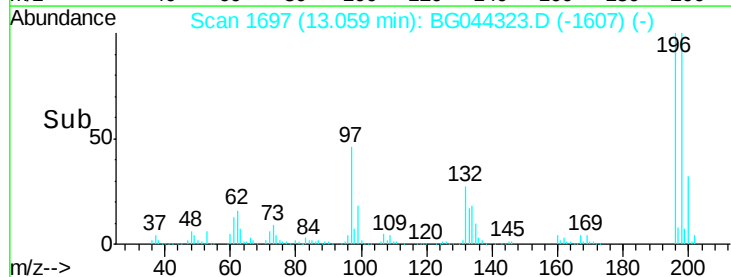
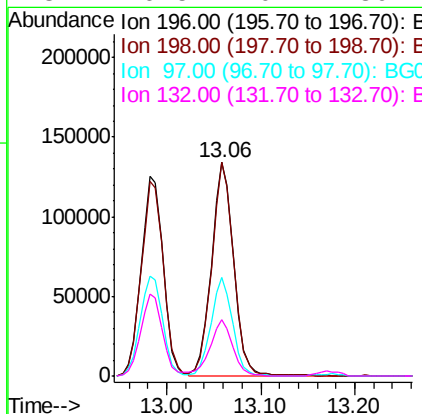
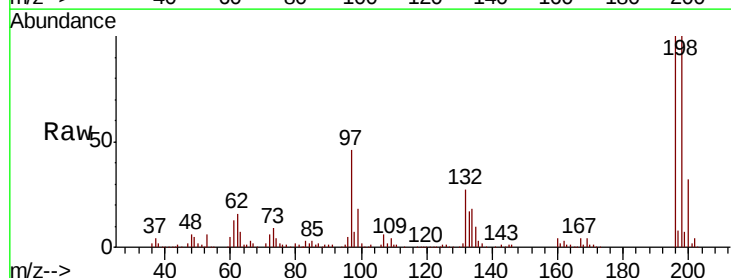
Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

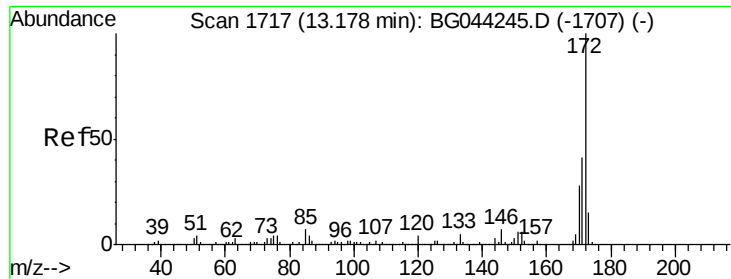
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.3	118.9
200	32.1	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 55.085 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	78.2	117.2
97	45.9	36.2	54.4
132	26.5	20.2	30.4



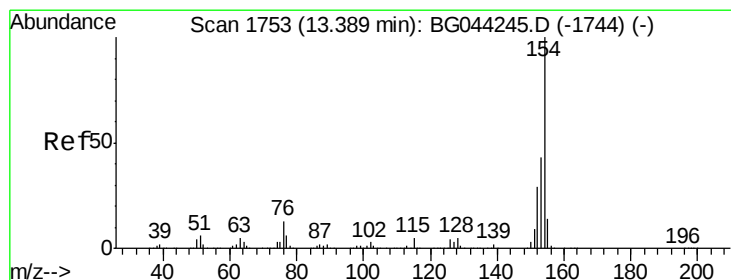
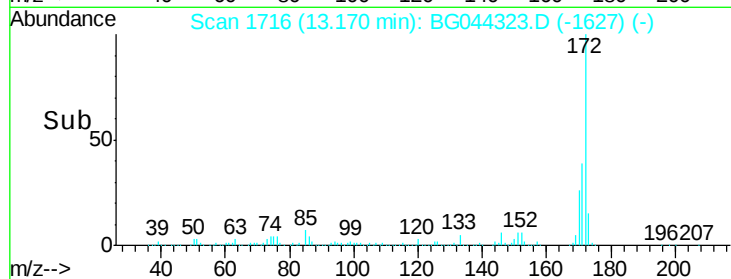
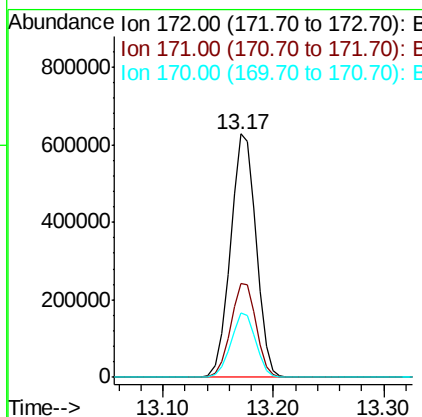
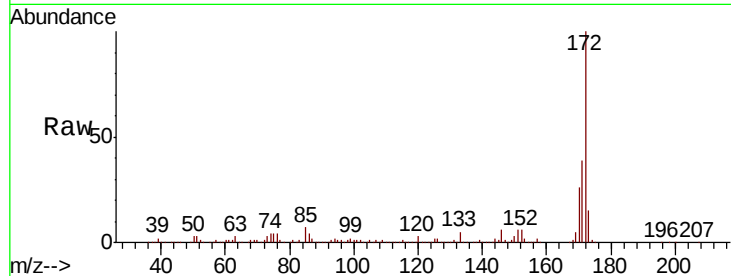


#45
 2-Fluorobiphenyl
 Concen: 84.012 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion:172 Resp: 1018963

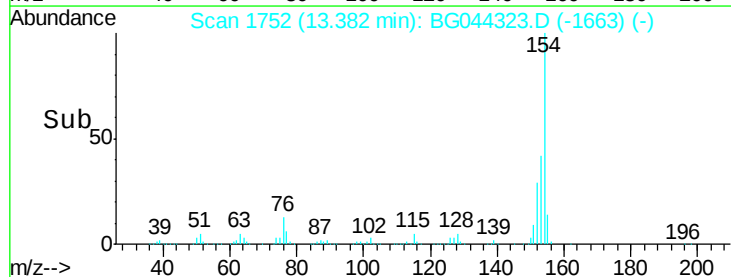
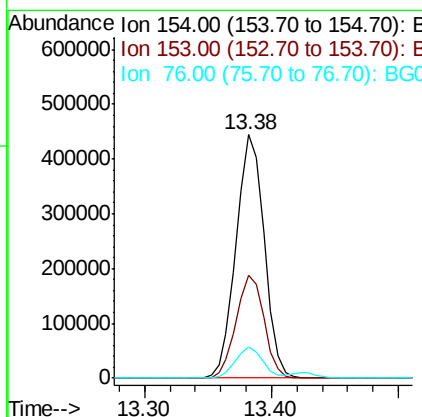
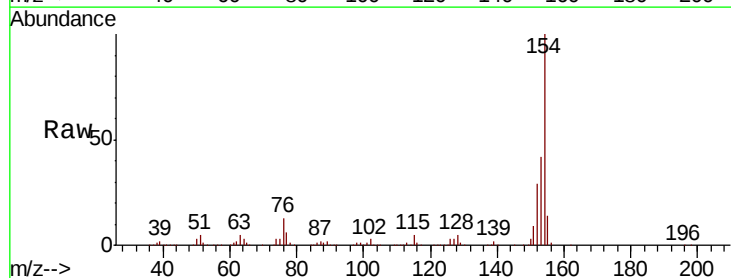
Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	26.4	22.0	33.0

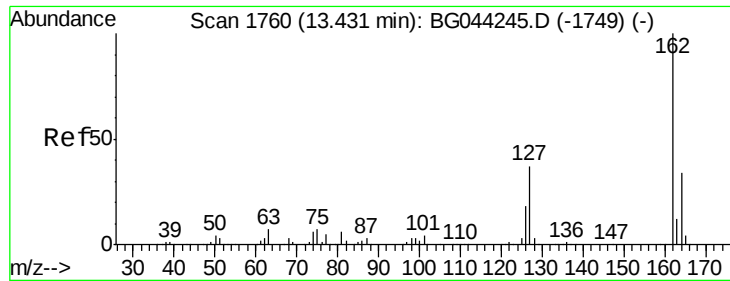


#46
 1,1'-Biphenyl
 Concen: 46.504 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion:154 Resp: 681288

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.7	62.7
76	12.7	0.0	32.9

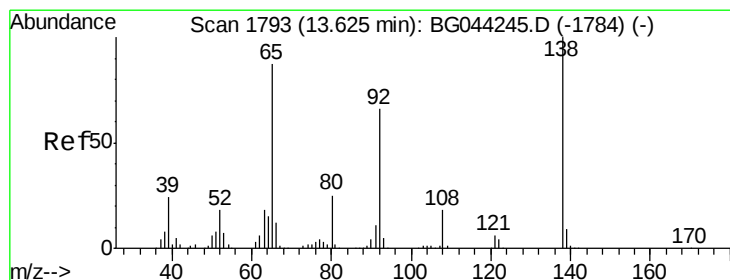
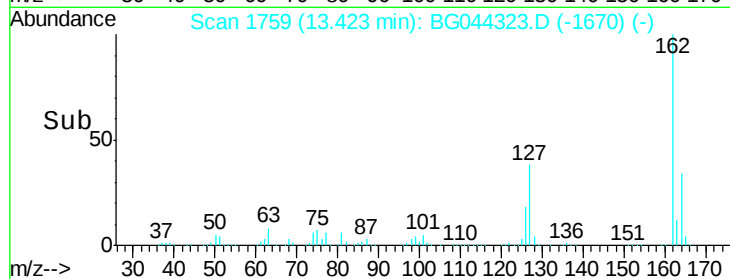
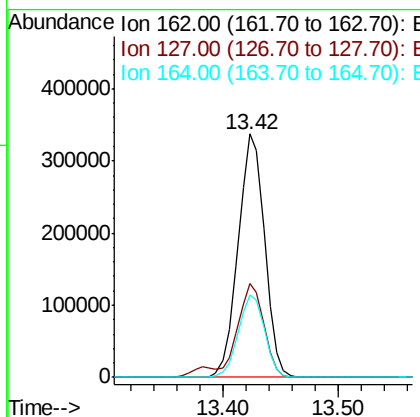
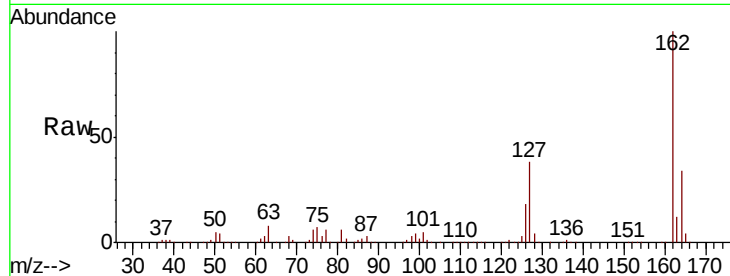




#47
 2-Chloronaphthalene
 Concen: 45.863 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

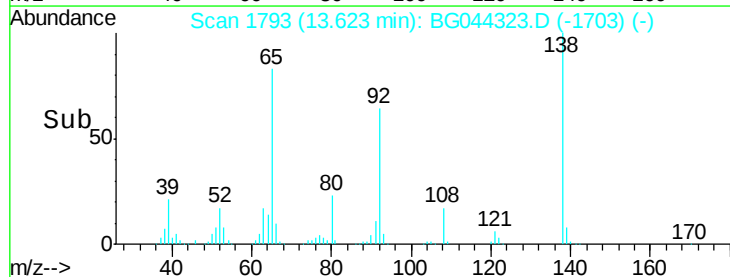
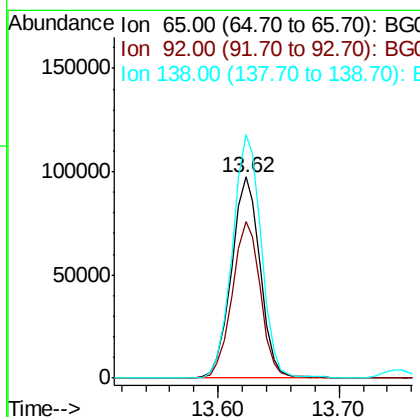
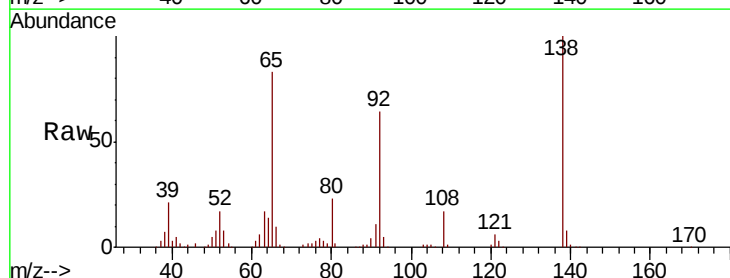
Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

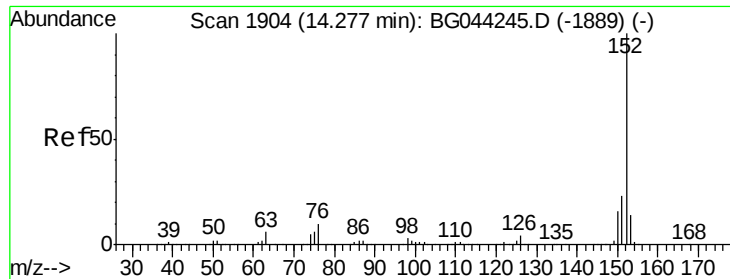
Tot Ion:162 Resp: 534656
 Ion Ratio Lower Upper
 162 100
 127 38.3 30.0 45.0
 164 33.9 27.2 40.8



#48
 2-Nitroaniline
 Concen: 46.795 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion: 65 Resp: 160996
 Ion Ratio Lower Upper
 65 100
 92 77.9 60.3 90.5
 138 121.0 91.9 137.9





#49

Acenaphthylene

Concen: 50.322 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

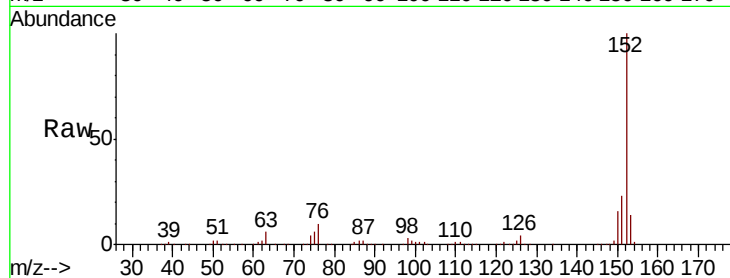
Tot Ion:152 Resp: 860435

Ion Ratio Lower Upper

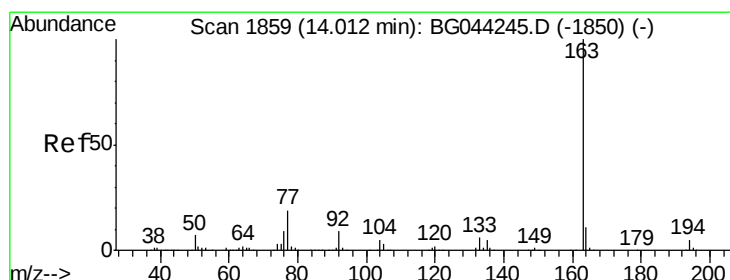
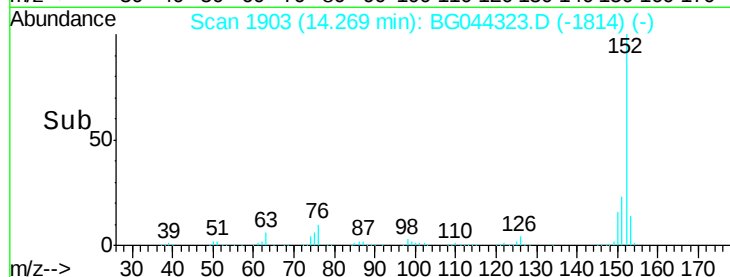
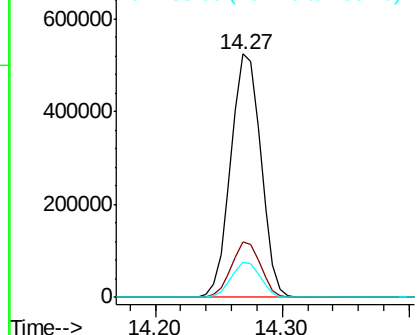
152 100

151 22.6 18.1 27.1

153 14.5 11.5 17.3



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: 49.282 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

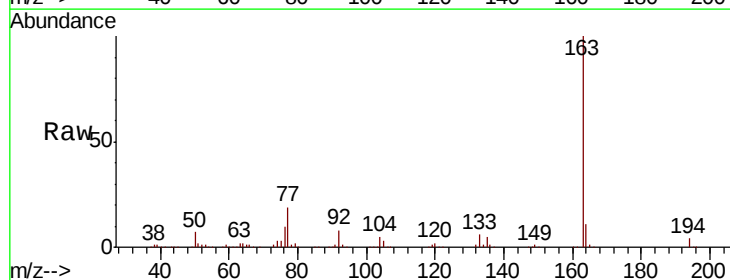
Tgt Ion:163 Resp: 719493

Ion Ratio Lower Upper

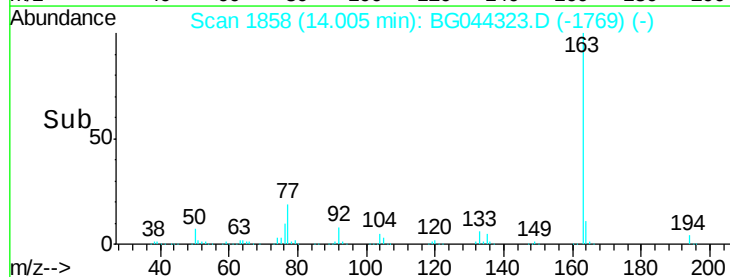
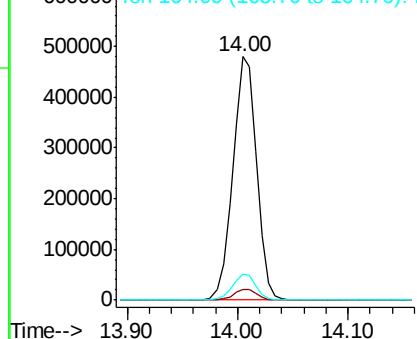
163 100

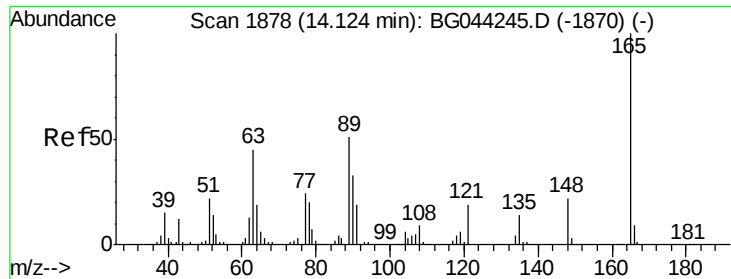
194 4.4 3.6 5.4

164 10.7 8.7 13.1



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

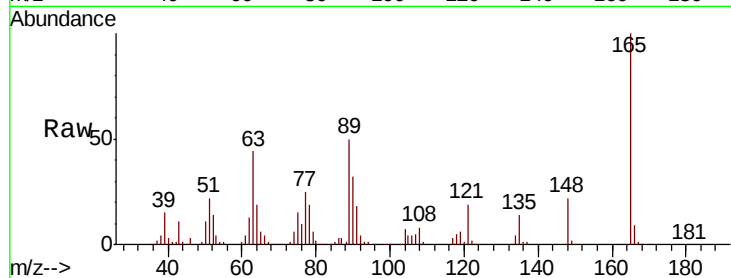




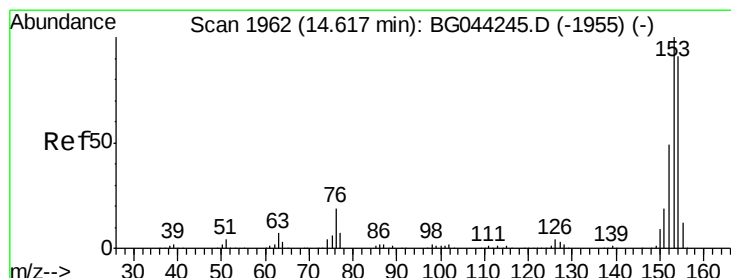
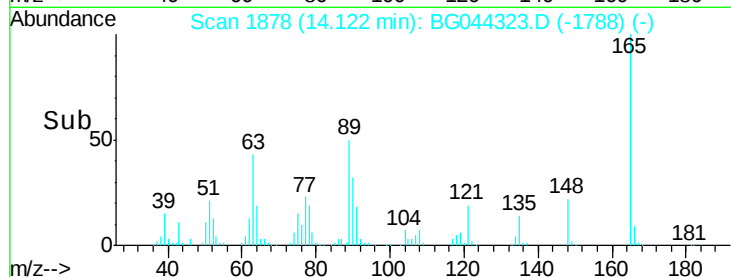
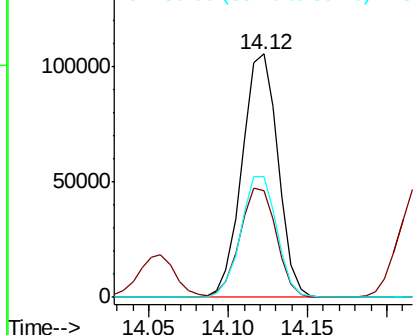
#51
 2,6-Dinitrotoluene
 Concen: 50.900 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion:165 Resp: 165690
 Ion Ratio Lower Upper
 165 100
 63 43.8 38.7 58.1
 89 49.8 40.4 60.6

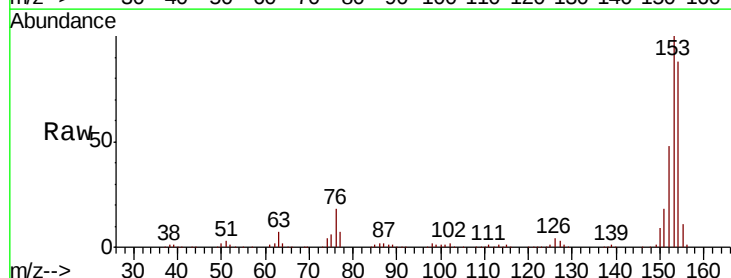


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

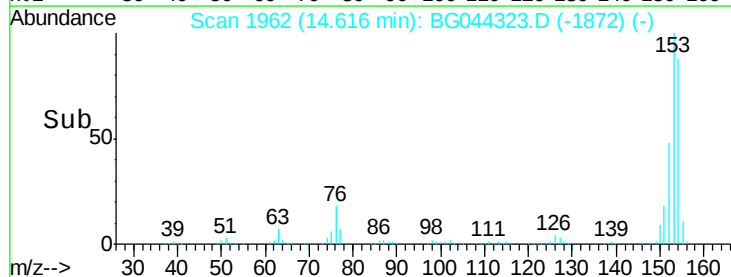
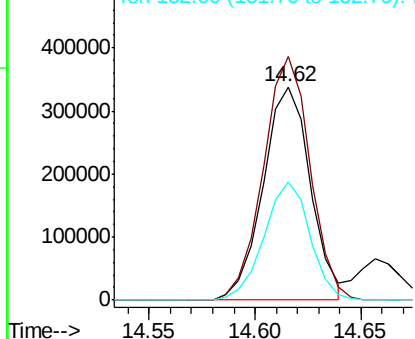


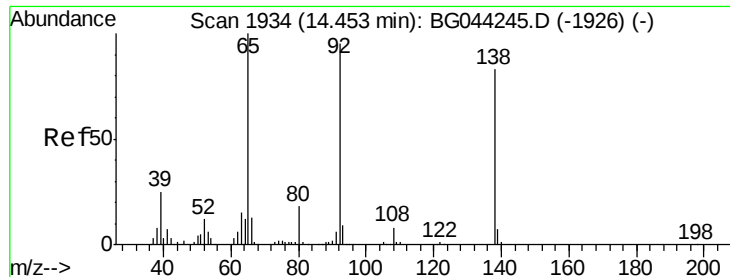
#52
 Acenaphthene
 Concen: 47.509 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion:154 Resp: 526539
 Ion Ratio Lower Upper
 154 100
 153 114.1 87.9 131.9
 152 55.2 43.1 64.7



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

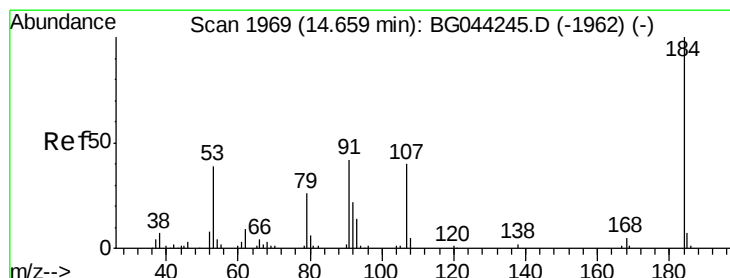
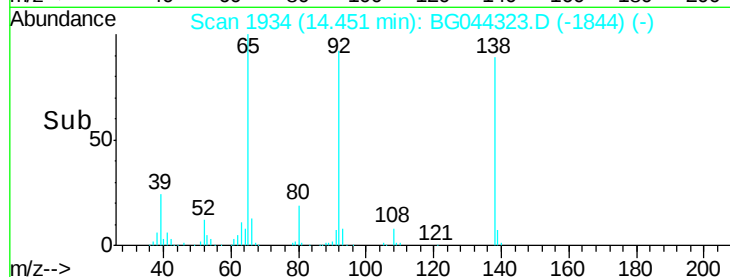
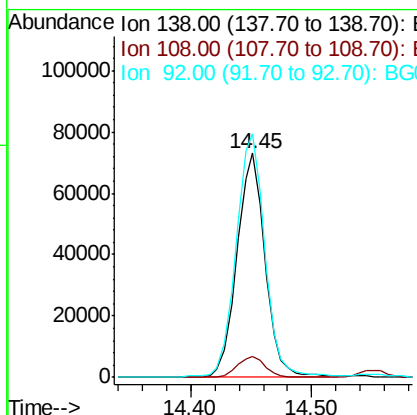
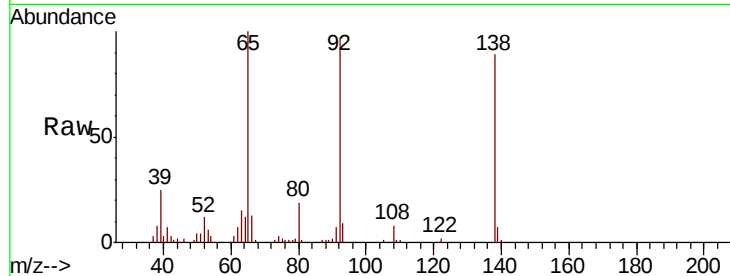




#53
 3-Nitroaniline
 Concen: 33.009 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

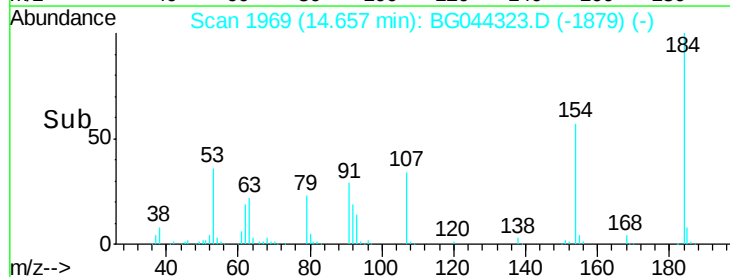
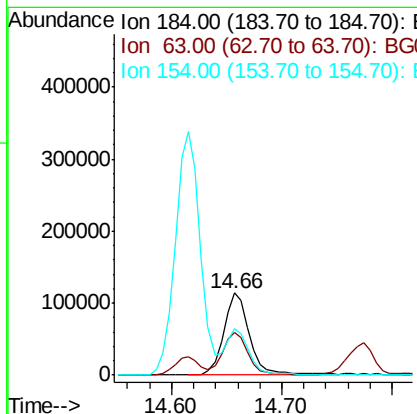
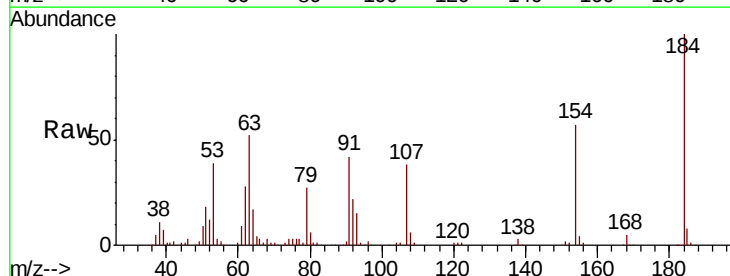
Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

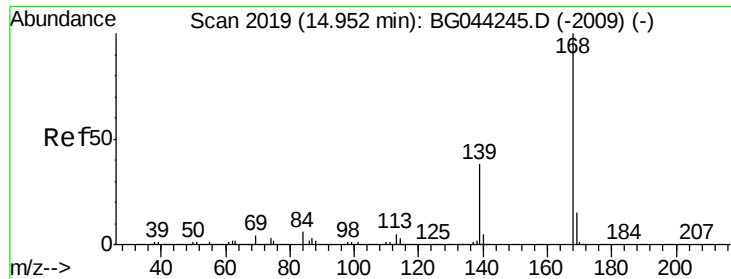
Tot Ion:138 Resp: 118880
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.9 11.9
 92 108.7 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 95.004 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion:184 Resp: 186297
 Ion Ratio Lower Upper
 184 100
 63 51.6 44.1 66.1
 154 57.2 45.4 68.0

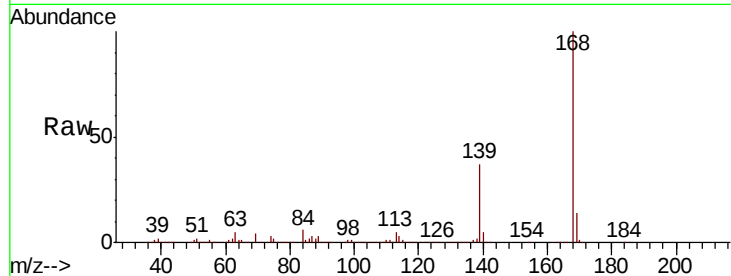




#55
Dibenzenofuran
Concen: 50.039 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.5	45.7
169	14.3	11.7	17.5

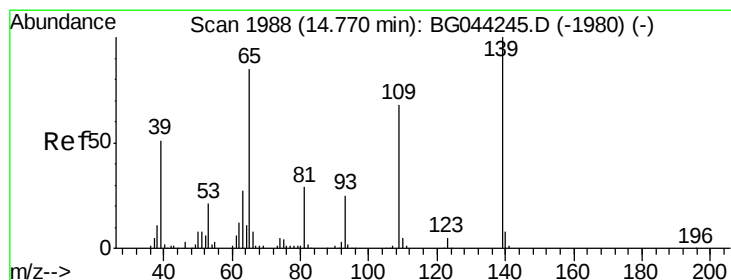
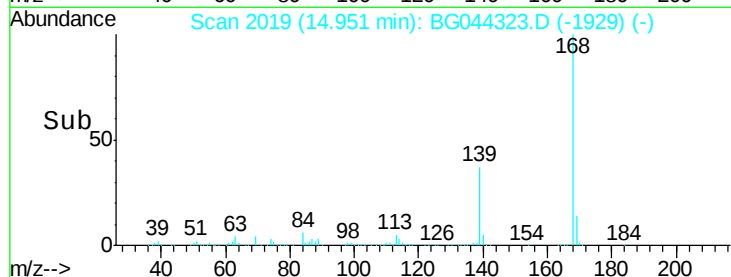
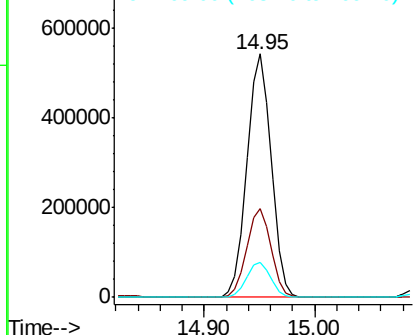


Abundance

Ion 168.00 (167.70 to 168.70): E

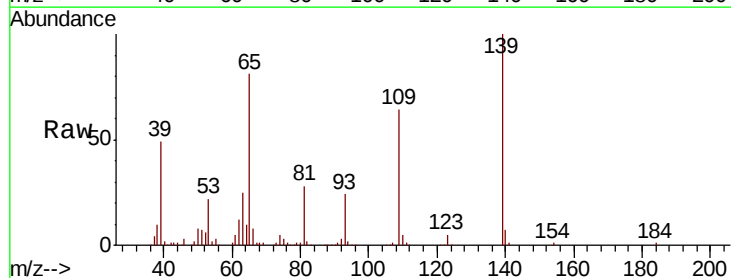
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 116.416 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	47.5	87.5
65	81.3	64.9	104.9

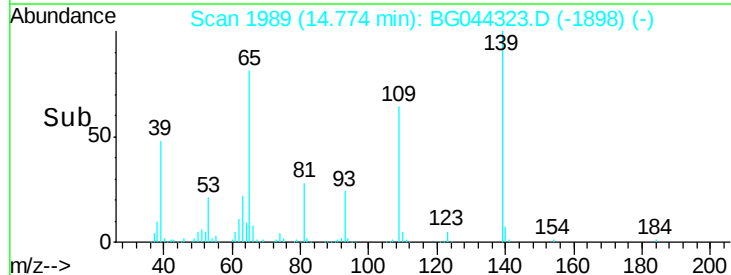
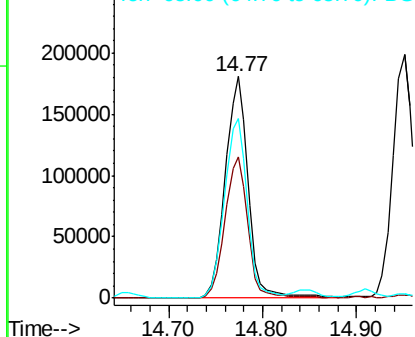


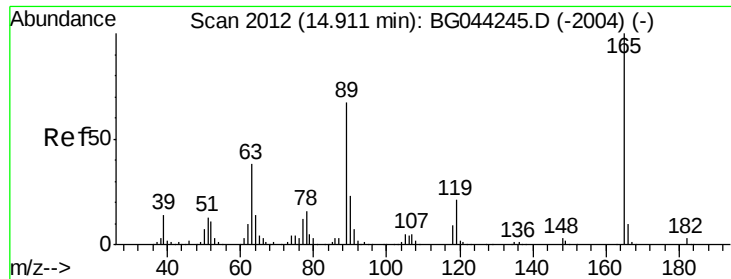
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

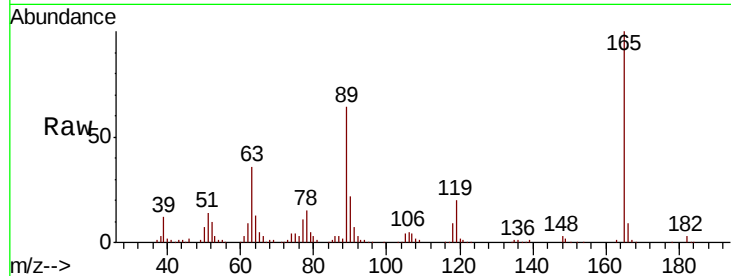




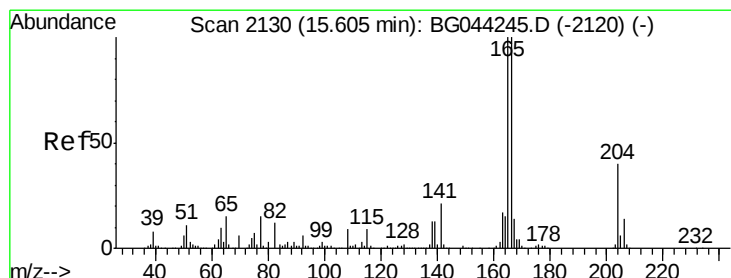
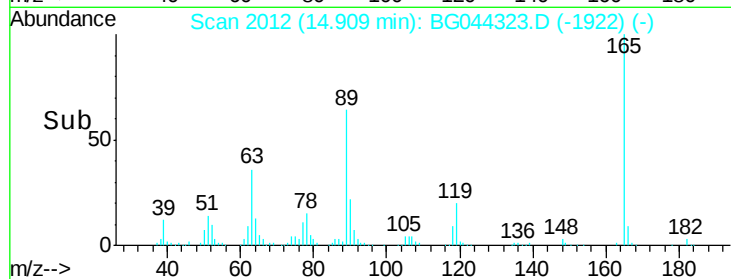
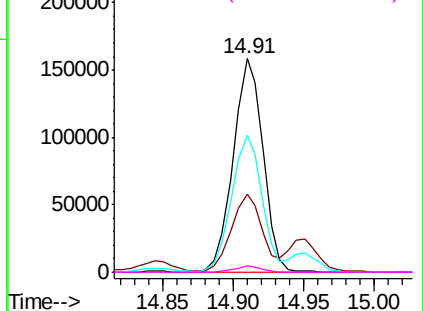
#57
2,4-Dinitrotoluene
Concen: 51.181 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:165	Resp: 233508
Ion Ratio	Lower Upper
165 100	
63 36.3	30.3 45.5
89 64.1	53.4 80.2
182 2.9	2.1 3.1

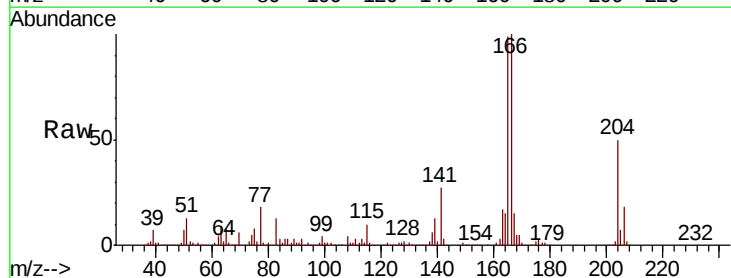


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

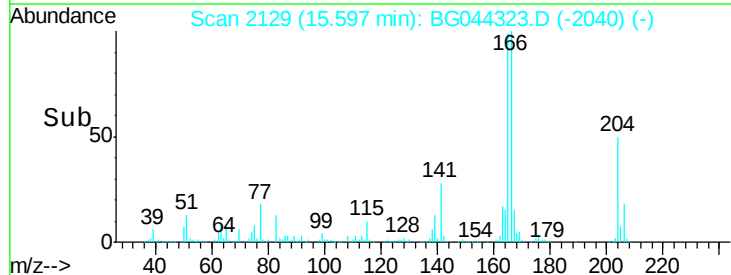
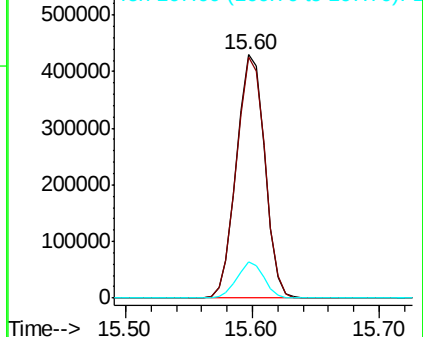


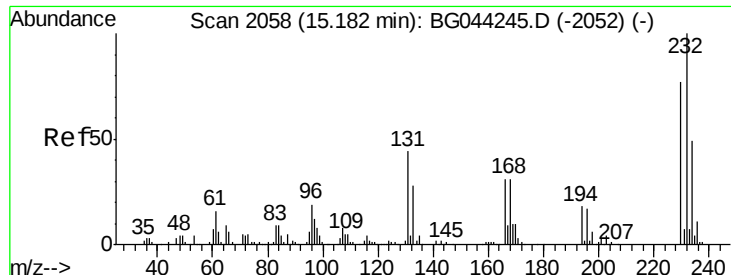
#58
Fluorene
Concen: 50.230 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt	Ion:166	Resp:	663861
Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.9	119.9
167	14.7	11.4	17.0



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

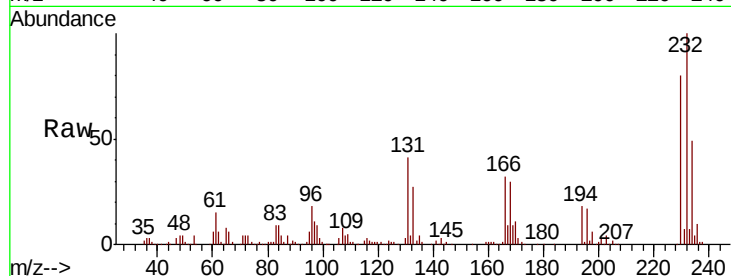




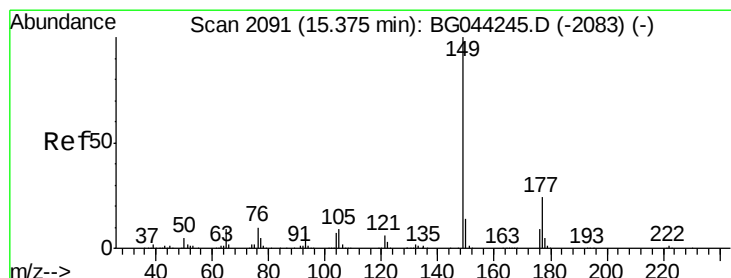
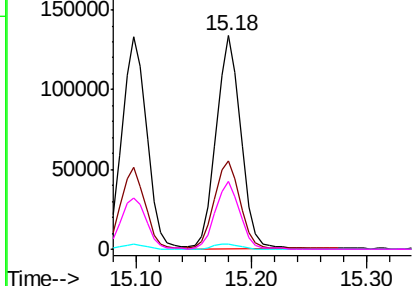
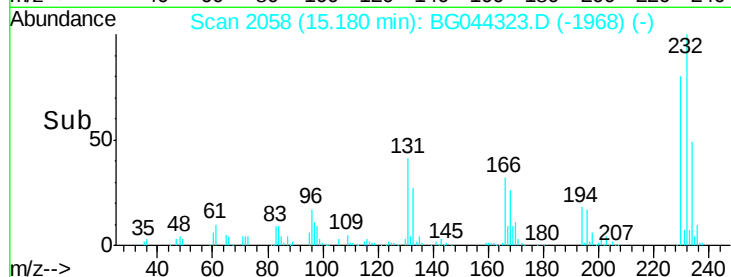
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.823 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

Tot Ion:232 Resp: 198625
 Ion Ratio Lower Upper
 232 100
 131 42.1 34.2 51.4
 130 2.6 1.8 2.8
 166 31.1 23.8 35.8

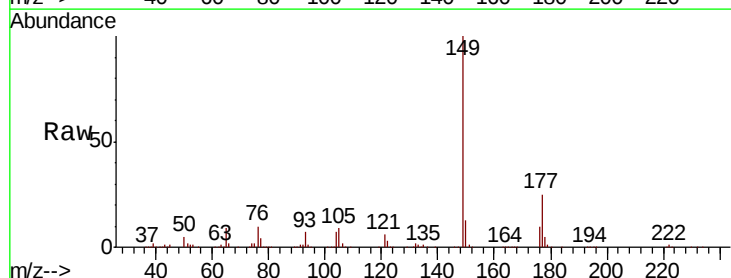


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

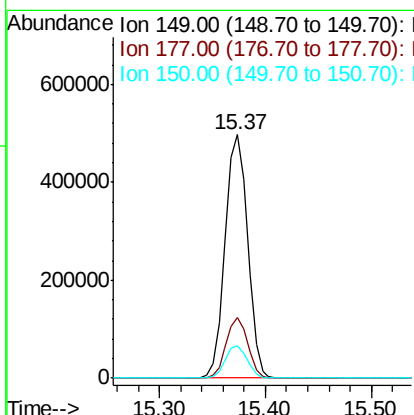
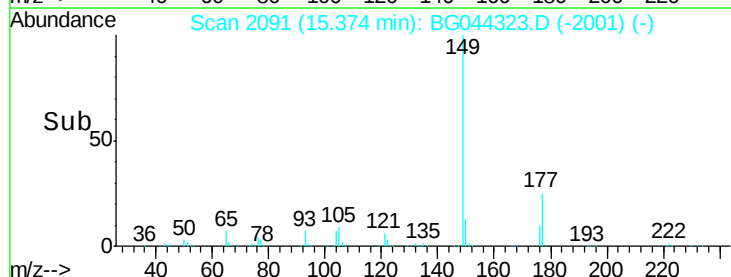


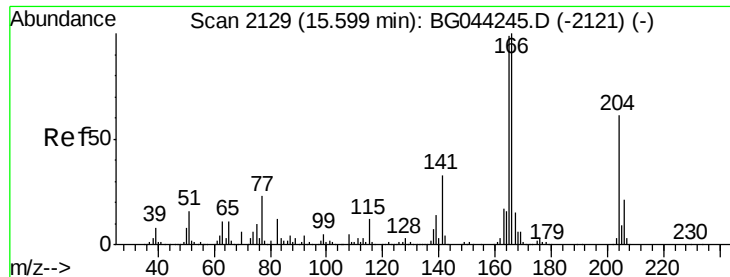
#60
 Diethylphthalate
 Concen: 50.273 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion:149 Resp: 731336
 Ion Ratio Lower Upper
 149 100
 177 24.8 19.4 29.0
 150 13.4 10.9 16.3



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

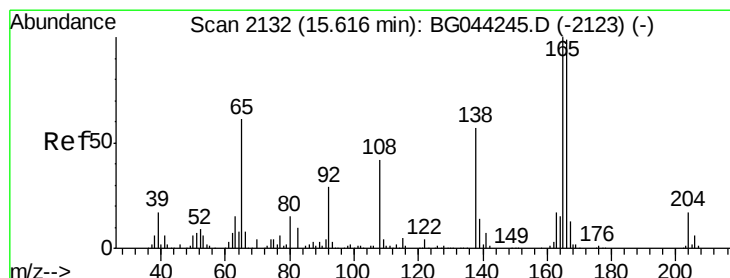
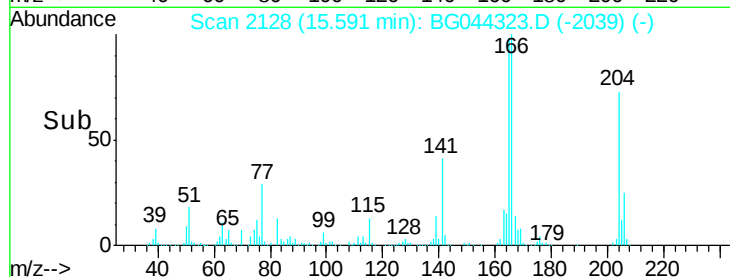
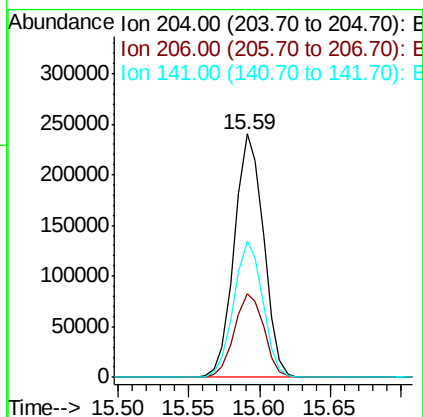
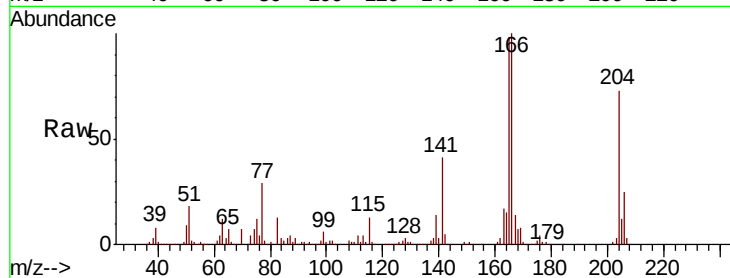




#61
4-Chlorophenyl-phenylether
Concen: 48.449 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

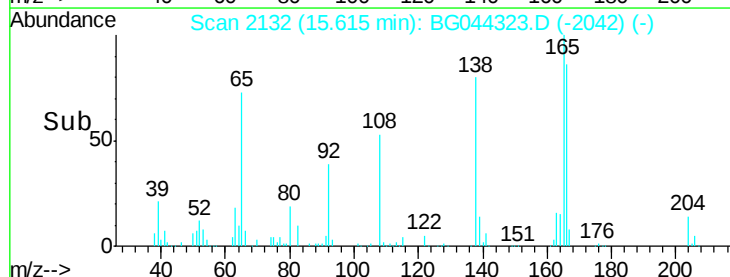
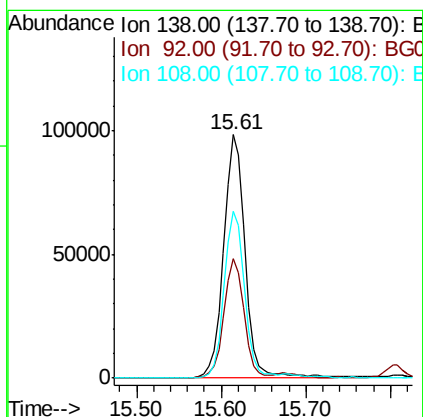
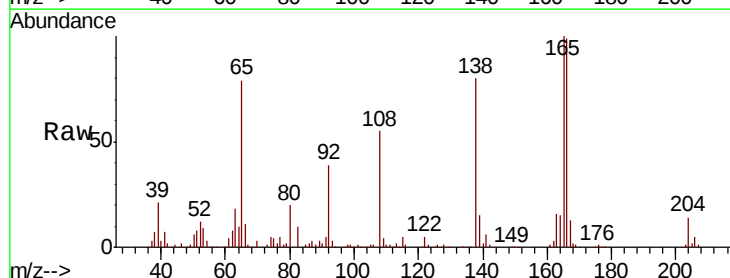
Instrument :
BNA_G
ClientSampleId :
PB126588BS

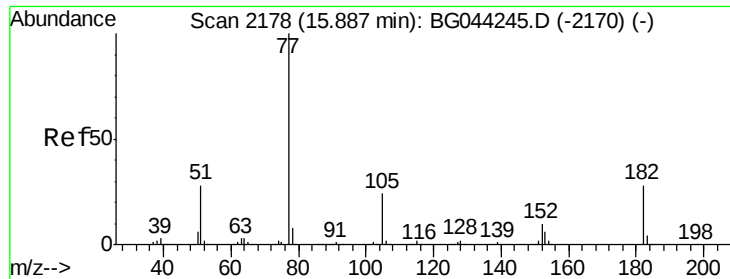
Tot Ion:204 Resp: 347187
Ion Ratio Lower Upper
204 100
206 34.6 27.6 41.4
141 56.0 43.4 65.0



#62
4-Nitroaniline
Concen: 47.877 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:138 Resp: 172294
Ion Ratio Lower Upper
138 100
92 49.0 31.3 71.3
108 68.4 52.6 92.6

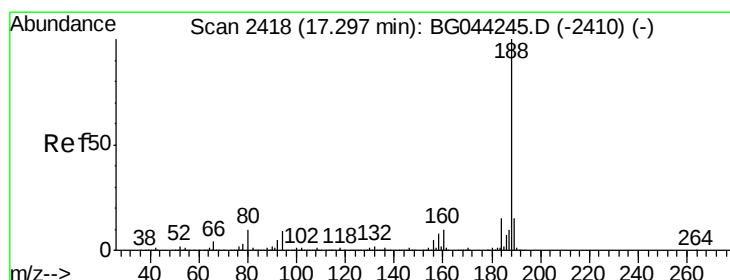
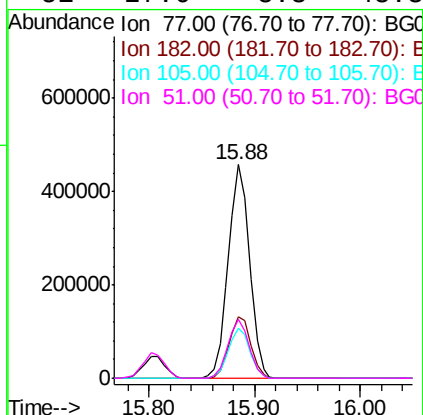
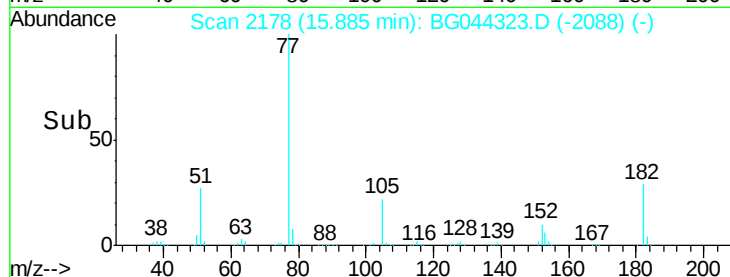
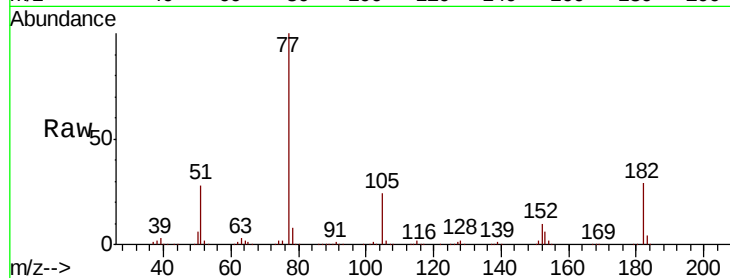




#63
Azobenzene
Concen: 49.762 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

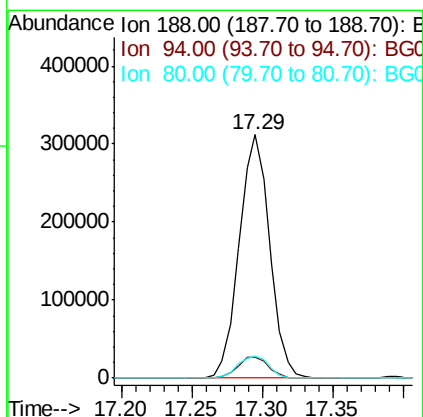
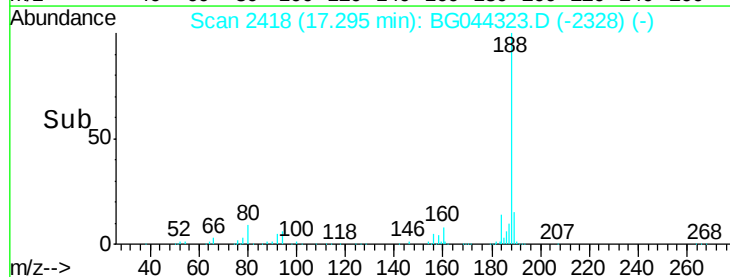
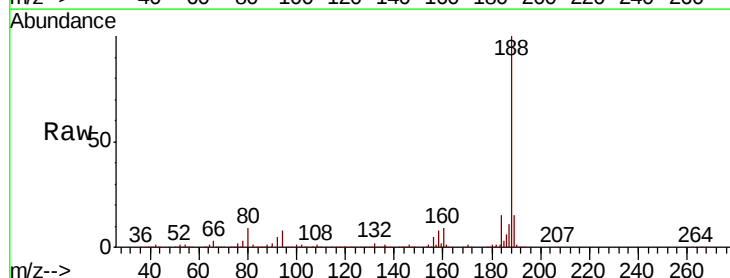
Instrument :
BNA_G
ClientSampleId :
PB126588BS

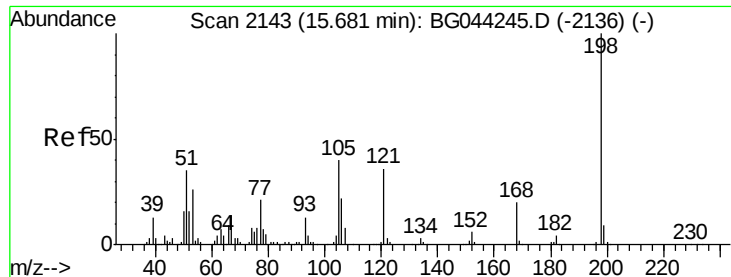
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.2	48.2
105	23.7	3.6	43.6
51	27.6	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.1	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 56.151 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

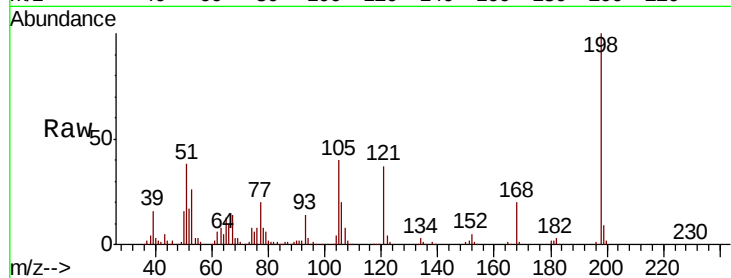
Tot Ion:198 Resp: 145631

Ion Ratio Lower Upper

198 100

51 37.8 16.6 56.6

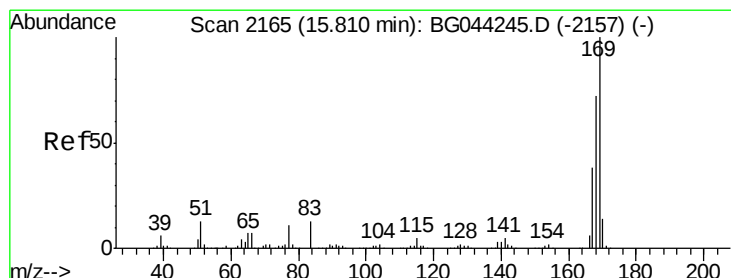
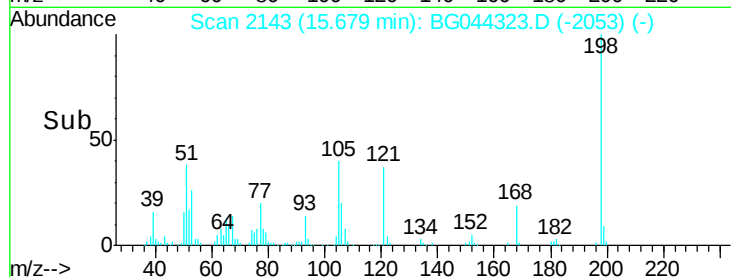
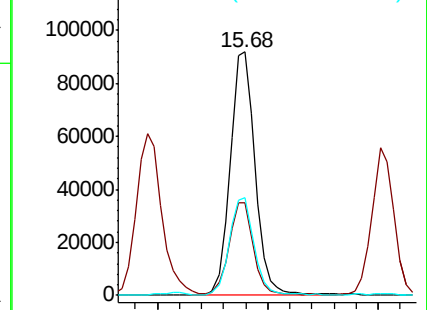
105 40.0 20.6 60.6



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: 48.466 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

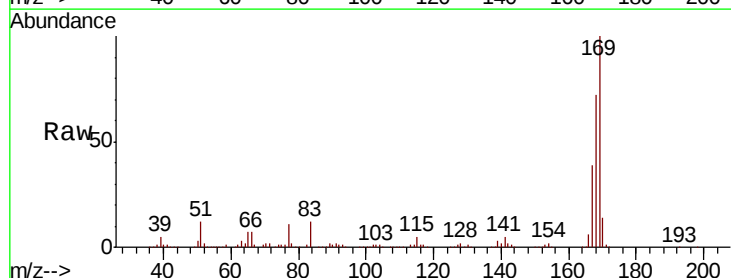
Tgt Ion:169 Resp: 638161

Ion Ratio Lower Upper

169 100

168 71.8 57.9 86.9

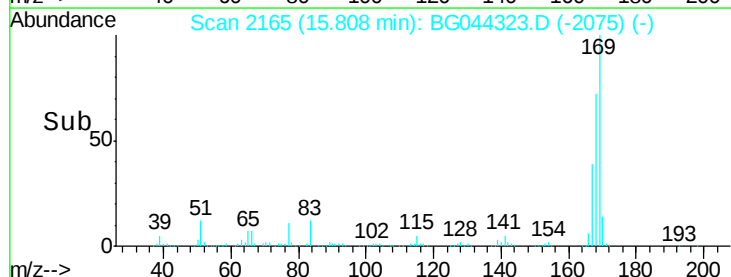
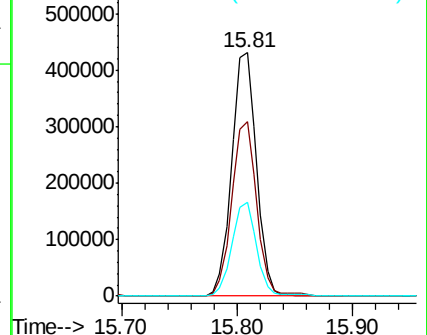
167 38.6 30.7 46.1

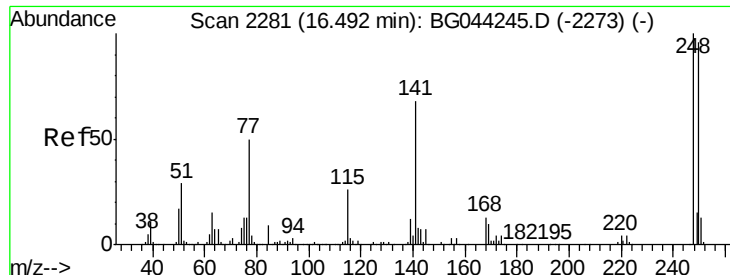


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

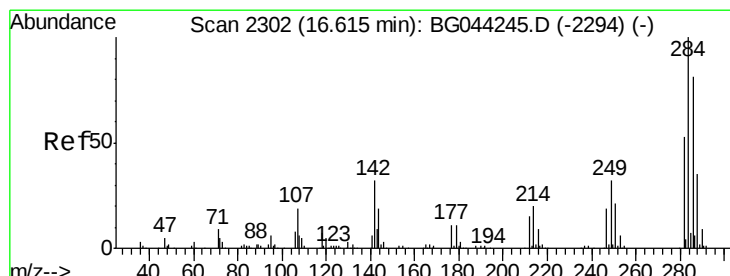
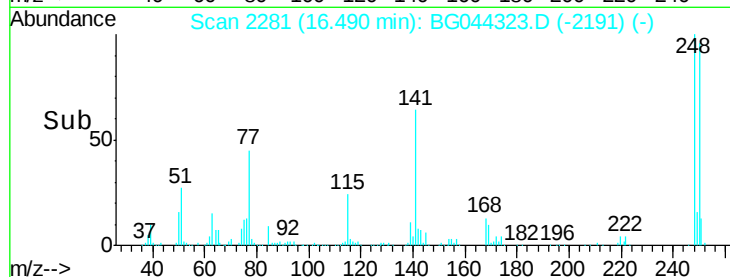
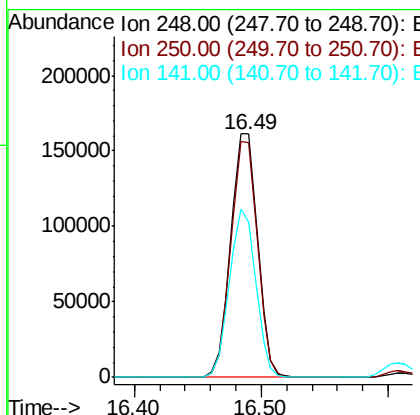
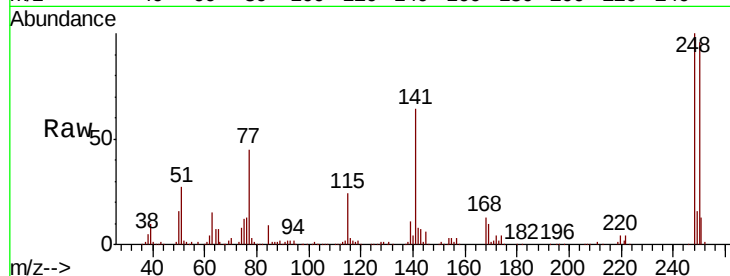




#67
 4-Bromophenyl-phenylether
 Concen: 46.101 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

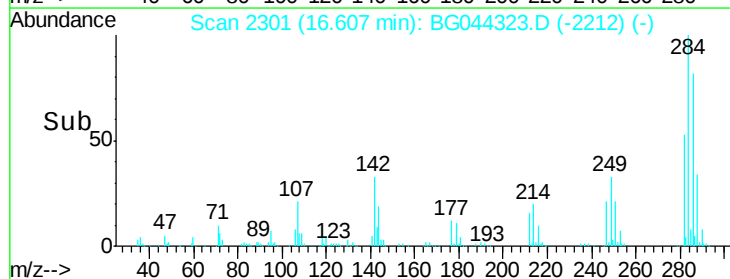
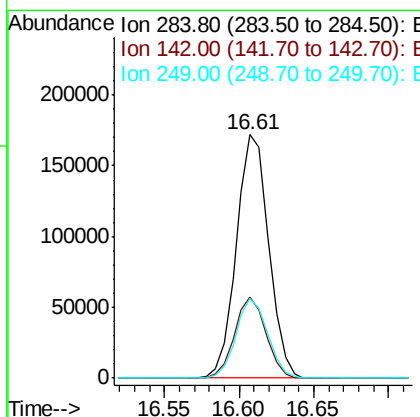
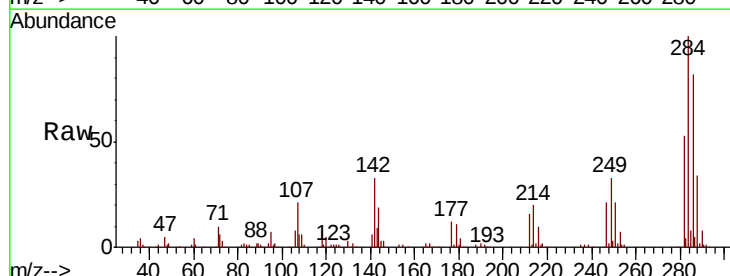
Instrument :
 BNA_G
 ClientSampleId :
 PB126588BS

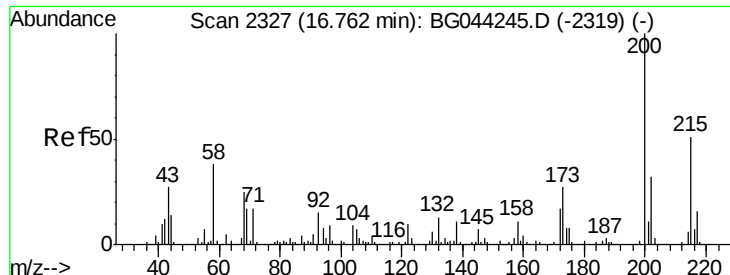
Tot Ion:248 Resp: 235988
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.6 114.8
 141 64.0 54.7 82.1



#68
 Hexachlorobenzene
 Concen: 45.011 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044323.D
 Acq: 6 Feb 2020 15:16

Tgt Ion:284 Resp: 258134
 Ion Ratio Lower Upper
 284 100
 142 33.1 25.3 37.9
 249 32.9 25.5 38.3





#69

Atrazine

Concen: 55.014 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

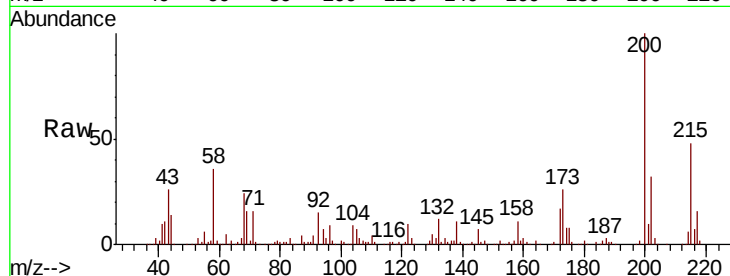
Tot Ion:200 Resp: 248282

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

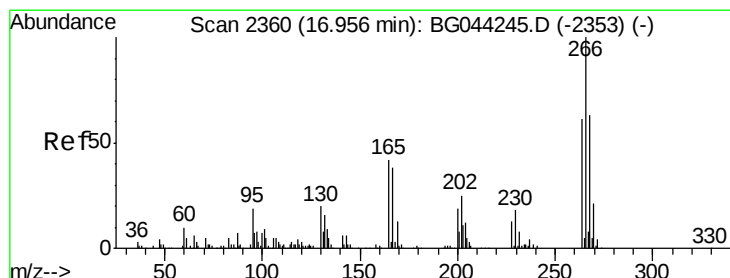
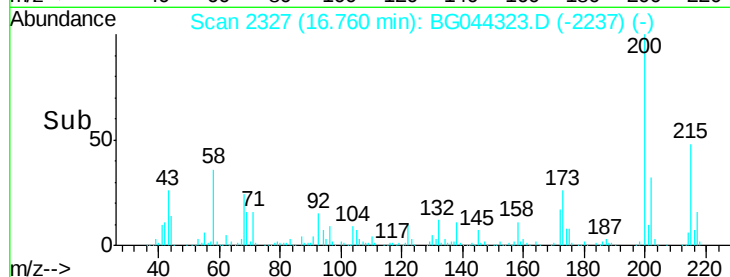
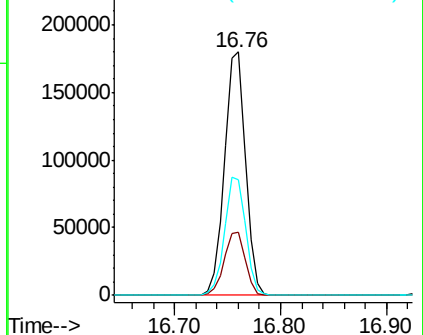
215 47.6 31.0 71.0



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: 102.060 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

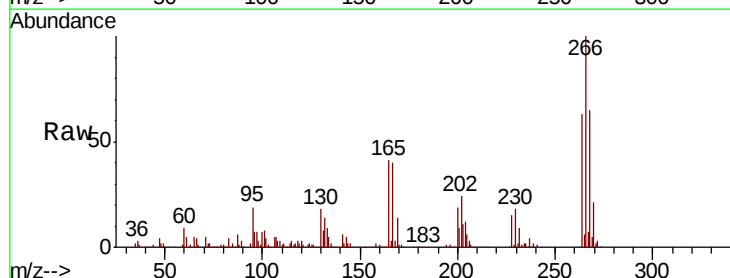
Tgt Ion:266 Resp: 298594

Ion Ratio Lower Upper

266 100

268 64.8 50.6 75.8

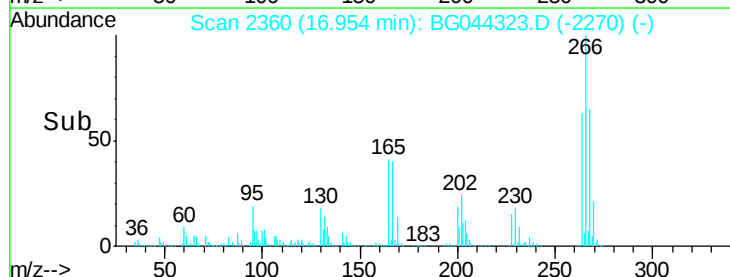
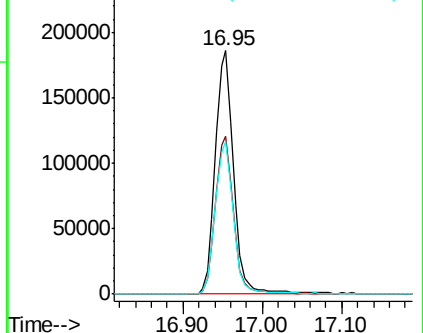
264 62.8 48.7 73.1

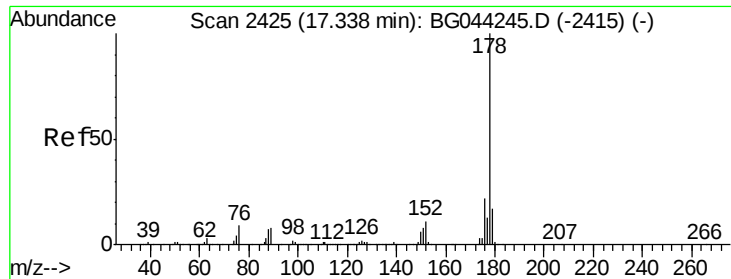


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

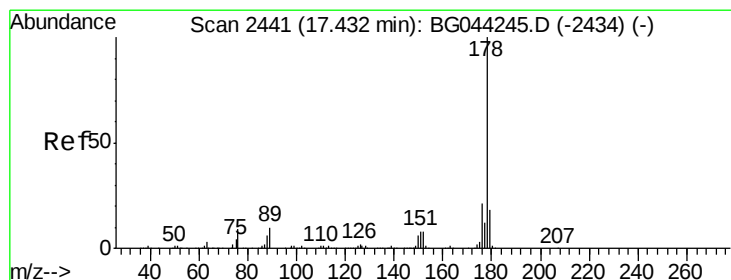
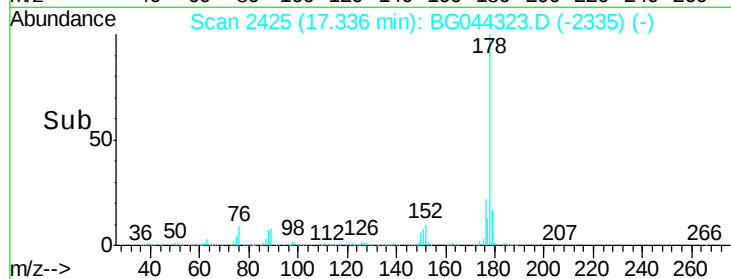
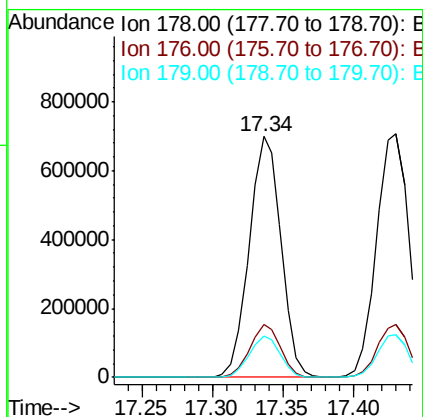
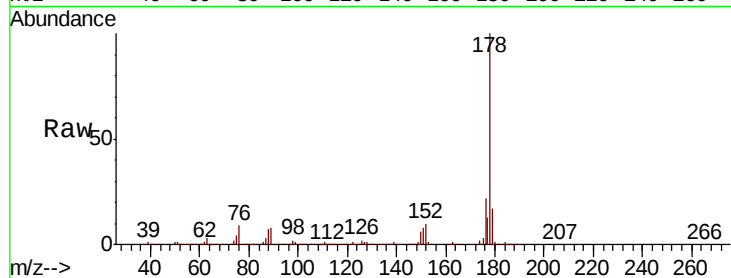




#71
Phenanthrene
Concen: 48.634 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

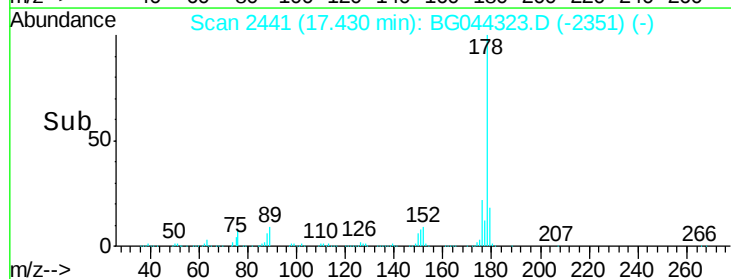
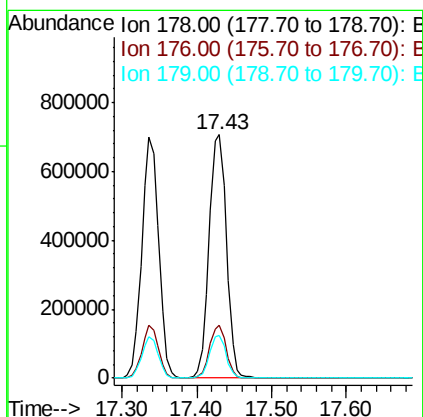
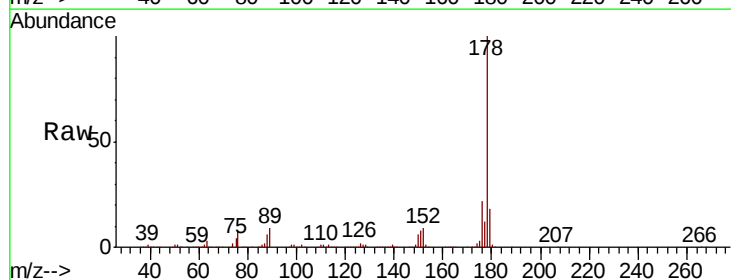
Instrument :
BNA_G
ClientSampleId :
PB126588BS

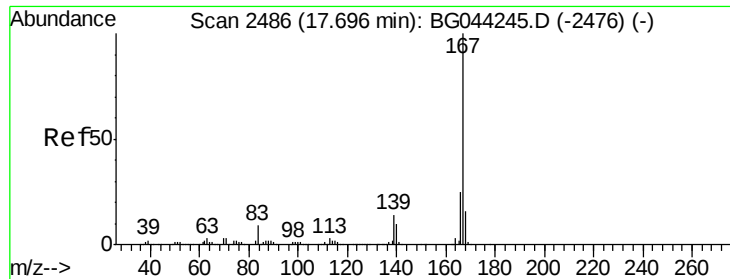
Tot Ion:178 Resp: 1106489
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 17.4 13.7 20.5



#72
Anthracene
Concen: 50.567 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:178 Resp: 1137440
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 17.7 14.4 21.6





#73

Carbazole

Concen: 49.346 ng

RT: 17.69 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

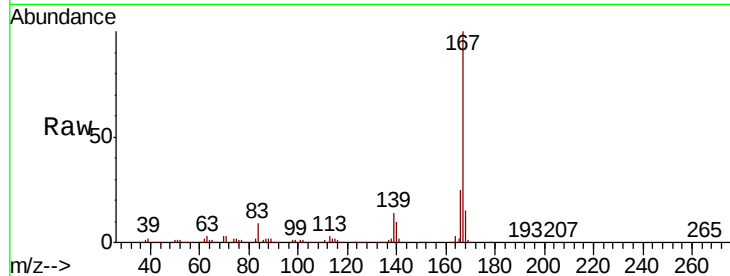
Tot Ion:167 Resp: 1023252

Ion Ratio Lower Upper

167 100

166 25.3 19.8 29.6

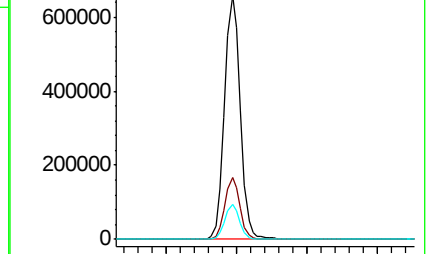
139 14.1 11.1 16.7



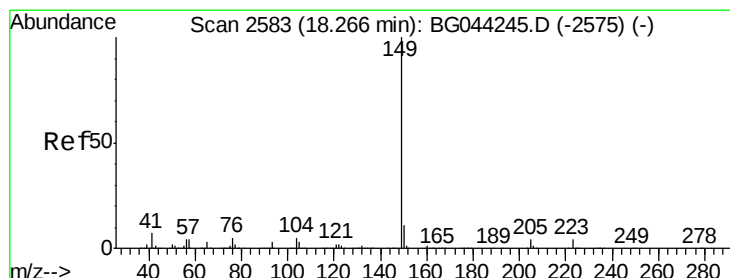
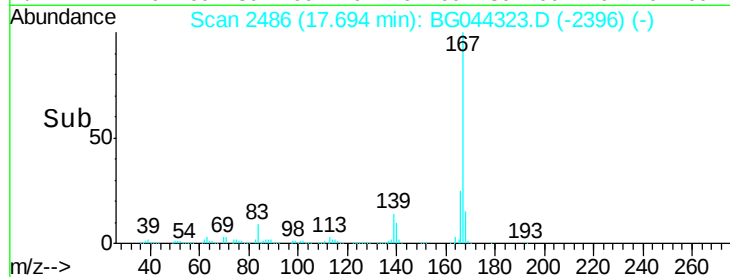
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 49.013 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

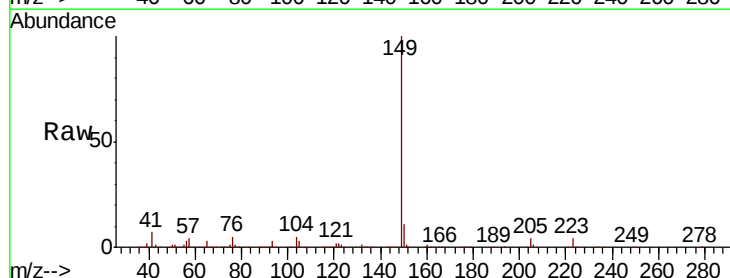
Tgt Ion:149 Resp: 1255968

Ion Ratio Lower Upper

149 100

150 10.7 8.7 13.1

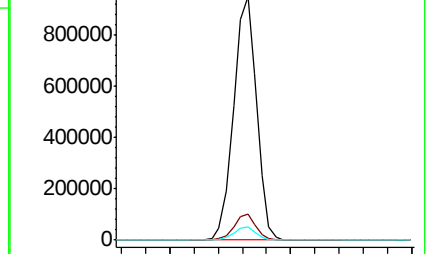
104 5.2 4.3 6.5



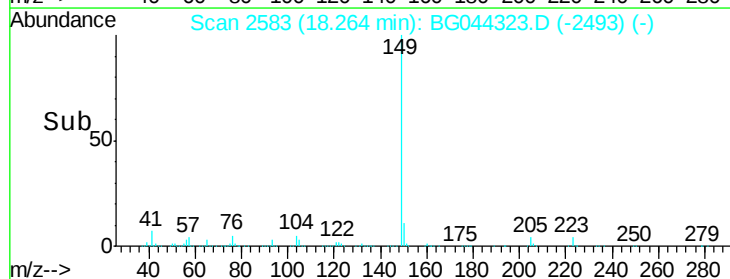
Abundance Ion 149.00 (148.70 to 149.70): E

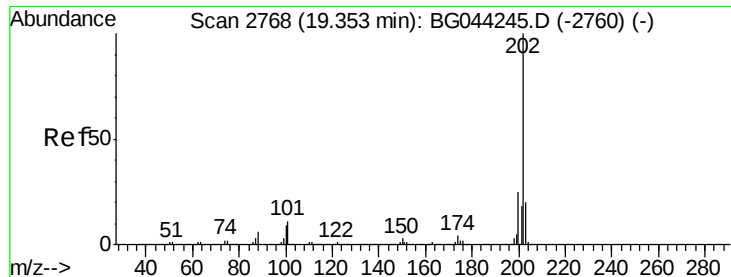
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 49.384 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

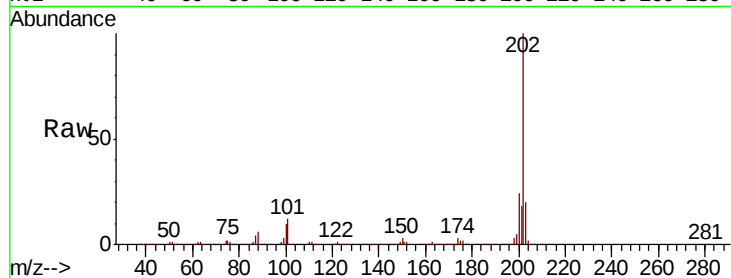
BNA_G

ClientSampleId :

PB126588BS

Tot Ion:202 Resp: 1299748

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.3
203	20.2	0.0	39.9

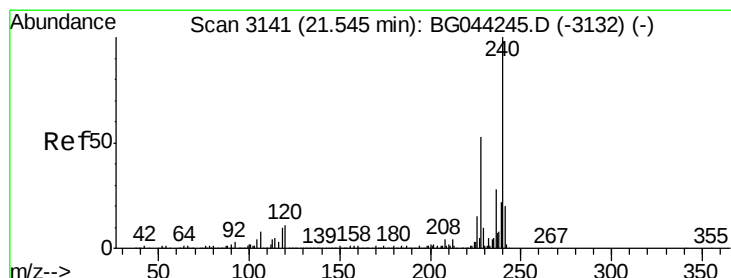
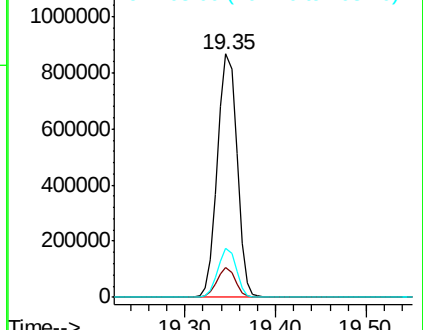
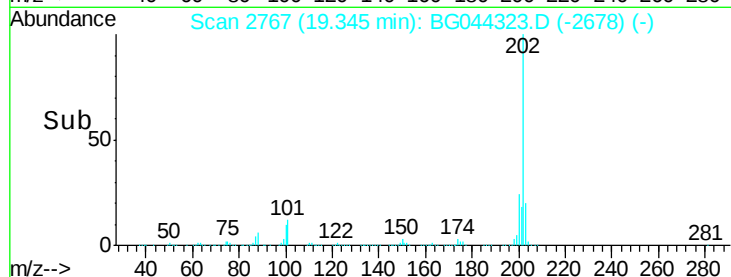


Abundance

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: 21.54 min Scan# 3141

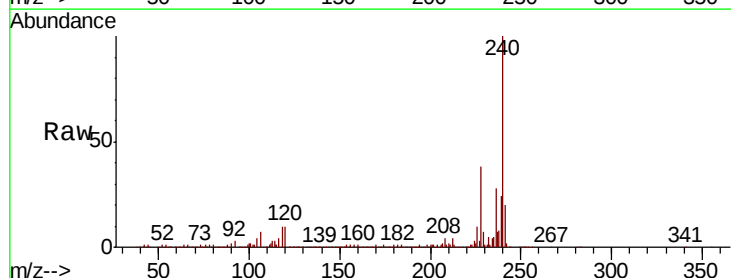
Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:240 Resp: 412026

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	28.0	22.1	33.1

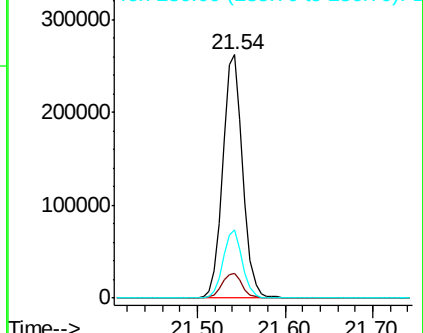
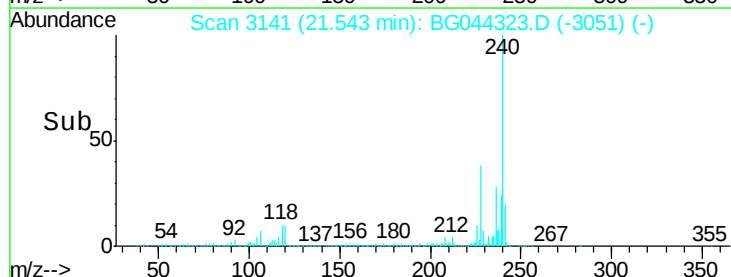


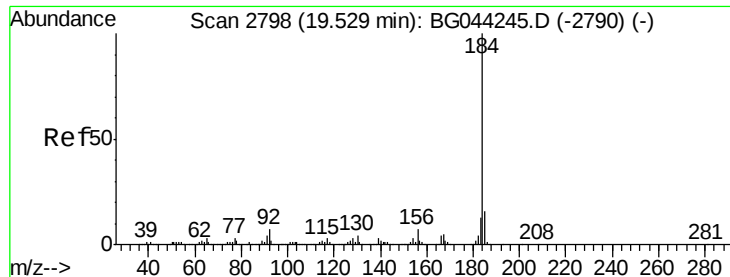
Abundance

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: 50.295 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

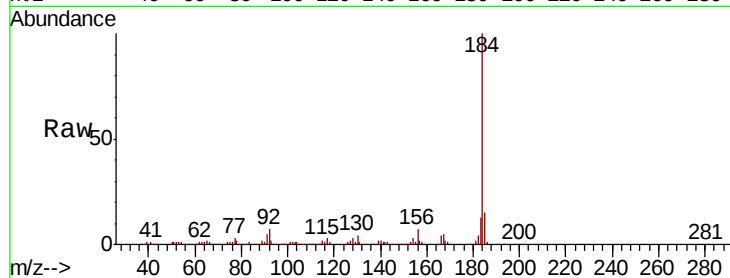
BNA_G

ClientSampleId :

PB126588BS

Tot Ion:184 Resp: 574807

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.9	19.3
183	13.2	10.8	16.2

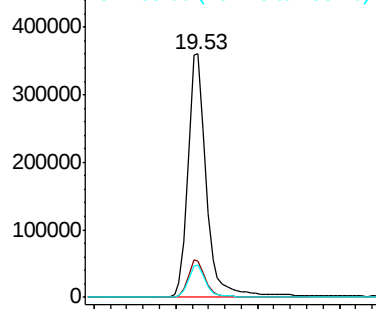


Abundance

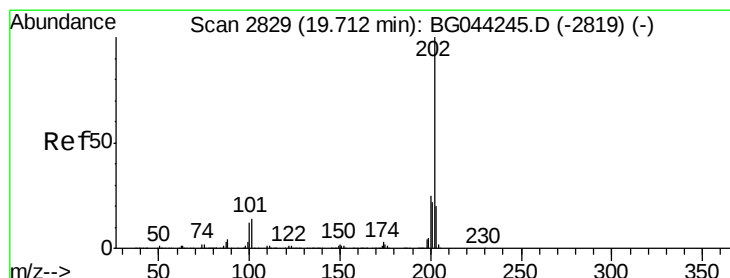
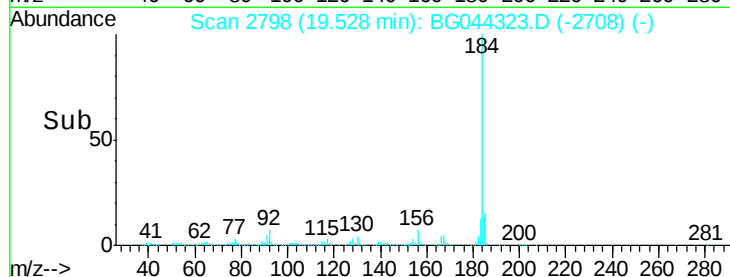
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 48.846 ng

RT: 19.71 min Scan# 2829

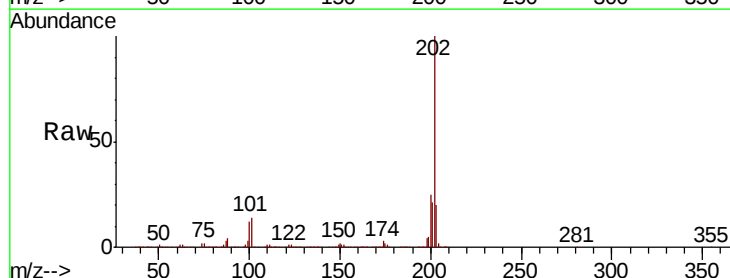
Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:202 Resp: 1292481

Ion	Ratio	Lower	Upper
202	100		
200	24.7	20.0	30.0
203	20.4	16.2	24.2

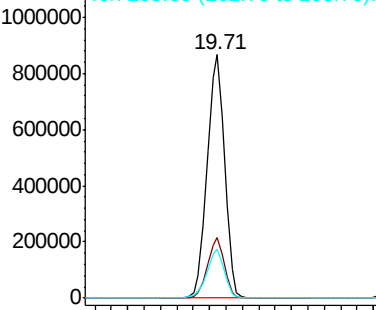


Abundance

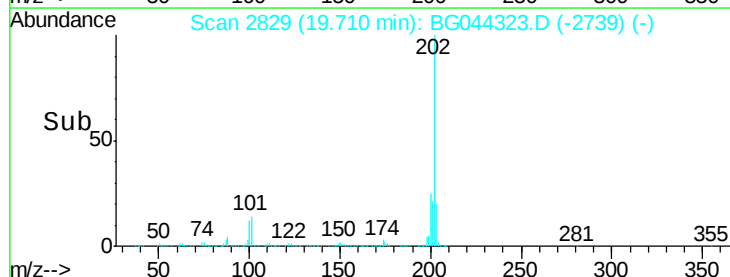
Ion 202.00 (201.70 to 202.70): E

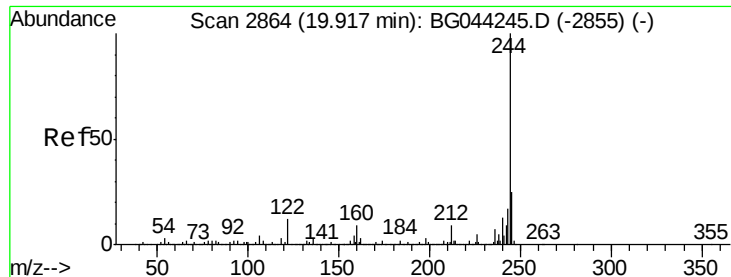
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 80.726 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

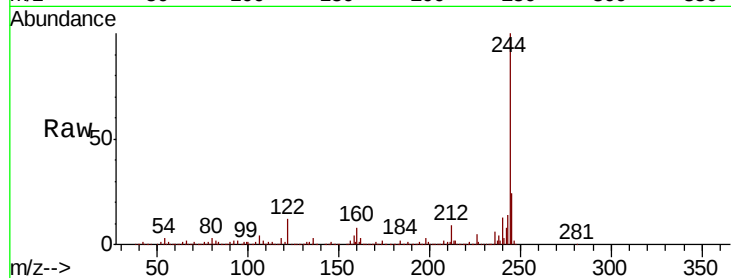
Tot Ion:244 Resp: 1617082

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

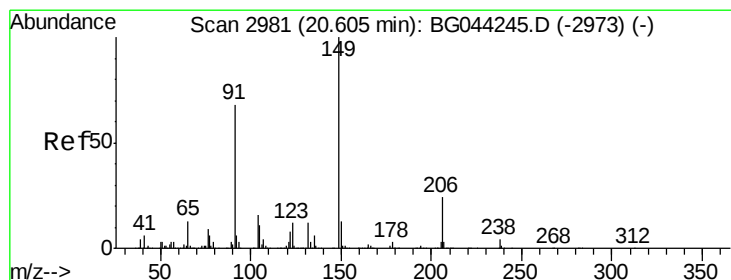
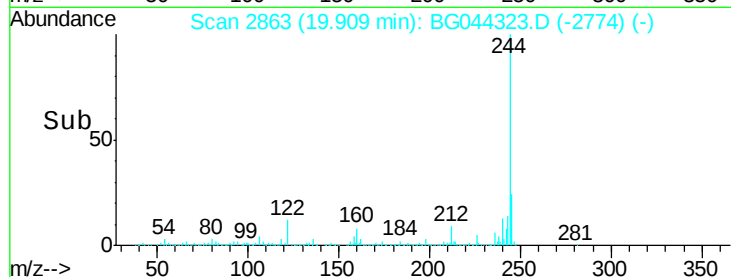
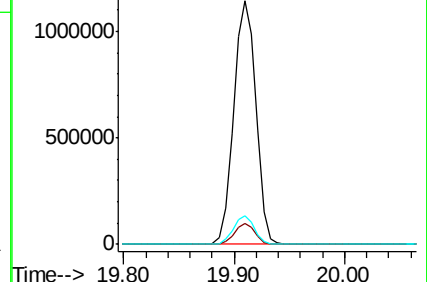
122 11.8 9.8 14.6



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: 47.118 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

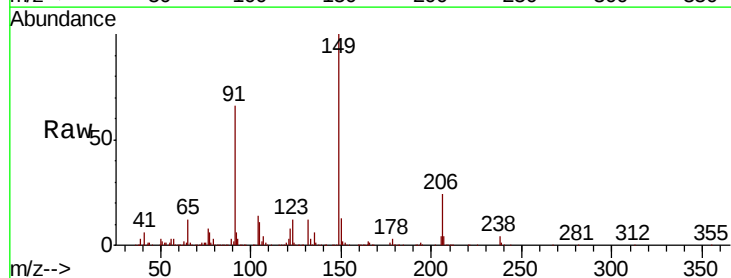
Tgt Ion:149 Resp: 568164

Ion Ratio Lower Upper

149 100

91 66.4 54.5 81.7

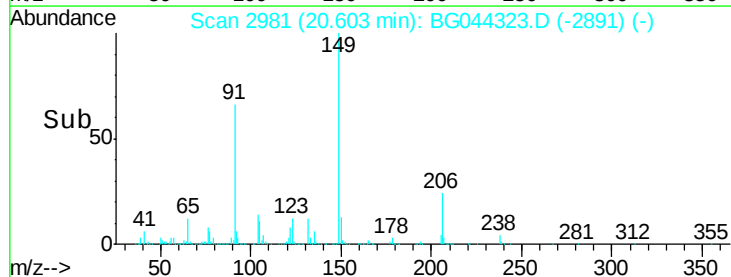
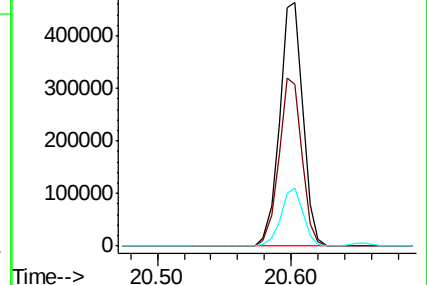
206 24.0 19.1 28.7

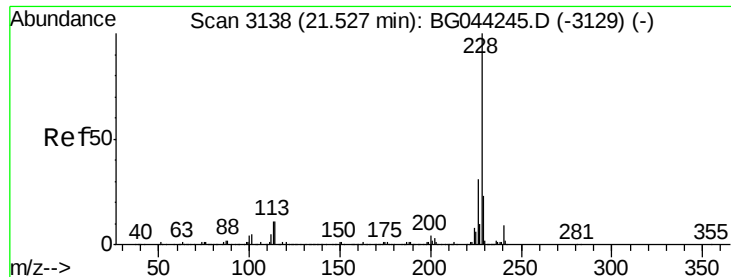


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

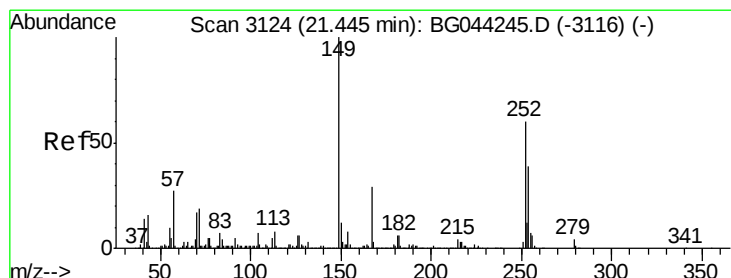
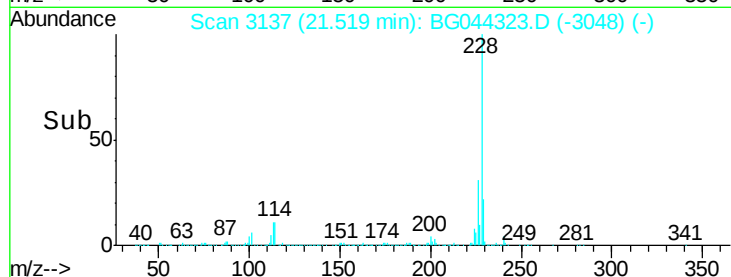
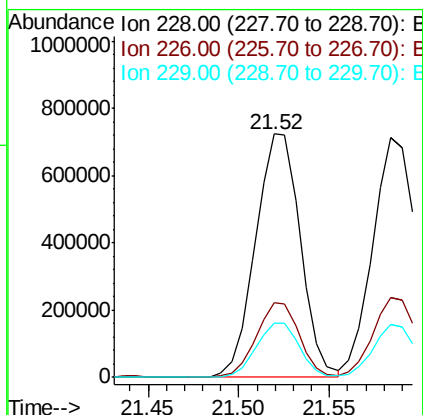
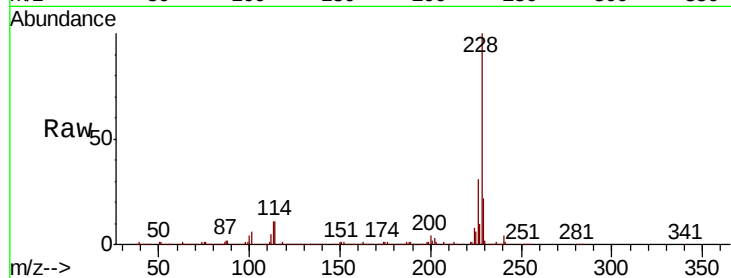




#81
Benzo(a)anthracene
Concen: 49.027 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

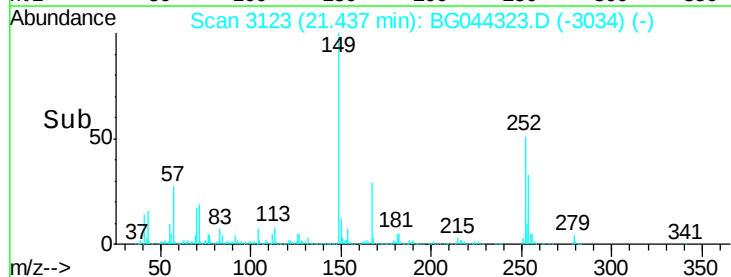
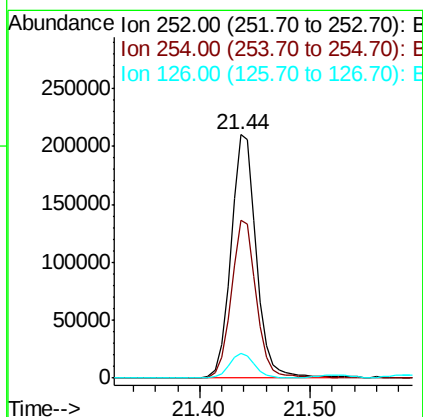
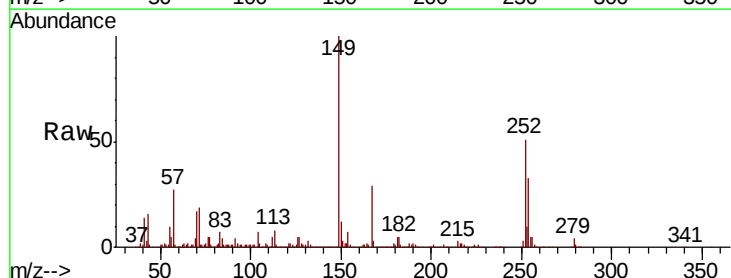
Instrument :
BNA_G
ClientSampleId :
PB126588BS

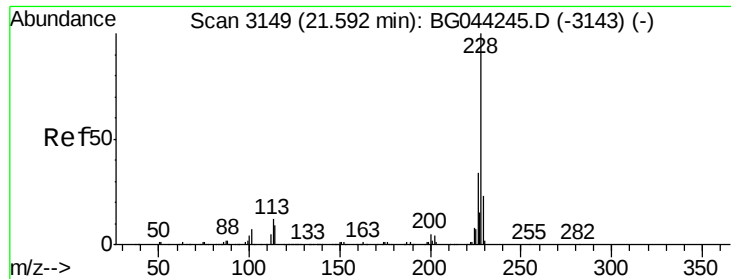
Tot Ion:228 Resp: 1244971
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 22.5 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 34.153 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:252 Resp: 336590
Ion Ratio Lower Upper
252 100
254 65.0 52.6 78.8
126 10.3 8.2 12.4





#83

Chrysene

Concen: 48.492 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

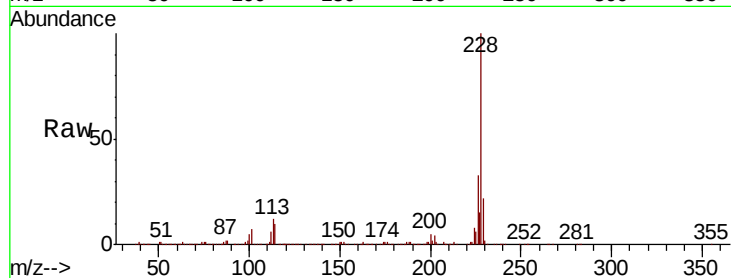
Tot Ion:228 Resp: 1190240

Ion Ratio Lower Upper

228 100

226 33.2 27.1 40.7

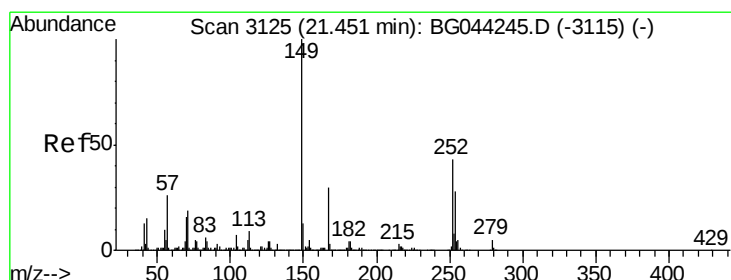
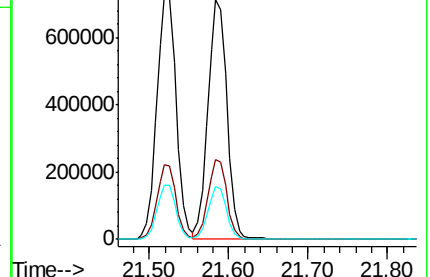
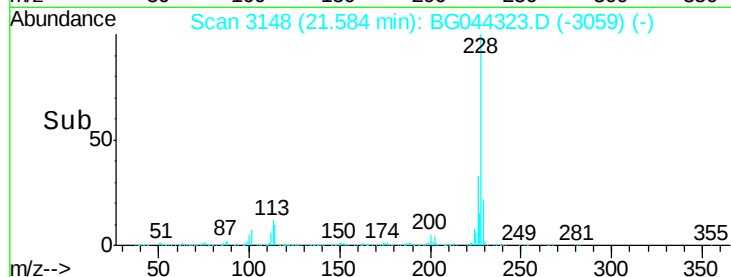
229 22.0 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.587 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

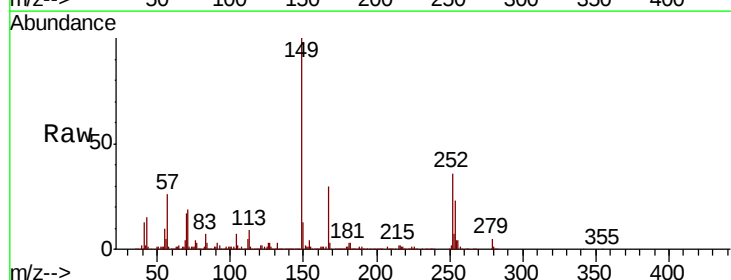
Tgt Ion:149 Resp: 806406

Ion Ratio Lower Upper

149 100

167 30.3 24.0 36.0

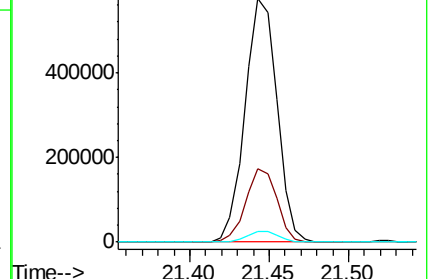
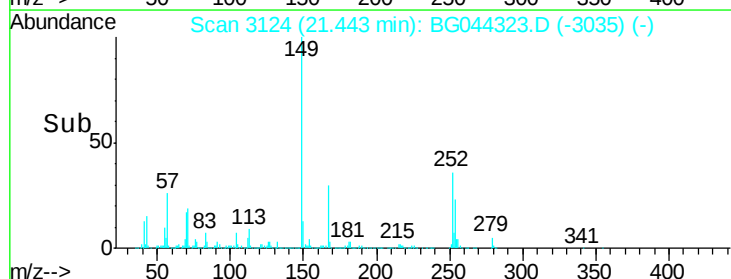
279 4.6 3.8 5.8

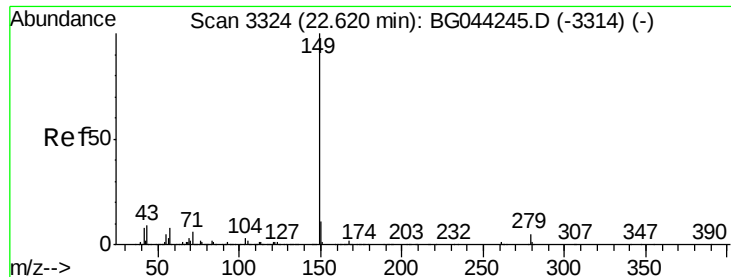


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.151 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

BNA_G

ClientSampleId :

PB126588BS

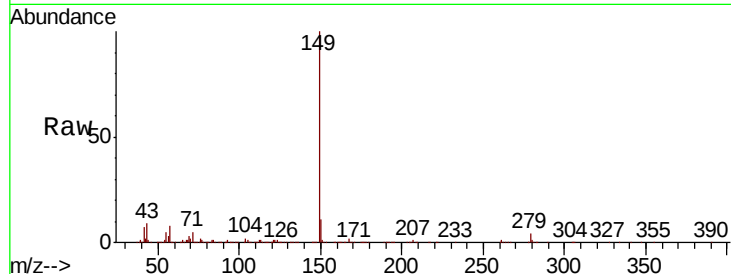
Tot Ion:149 Resp: 1411475

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

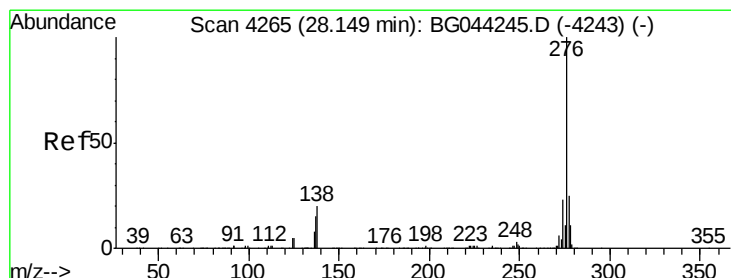
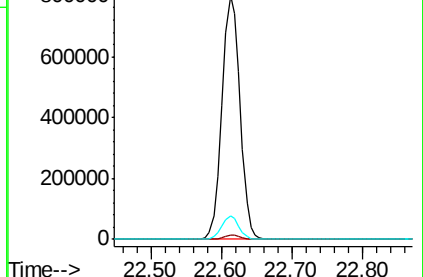
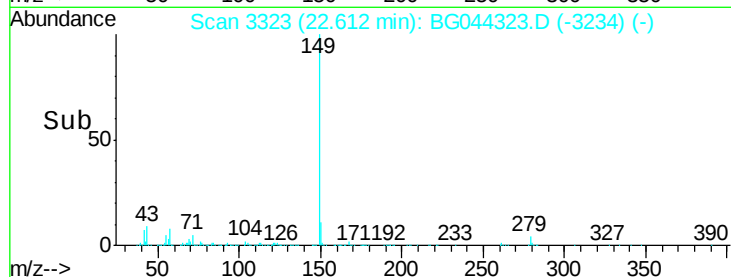
43 8.8 7.4 11.0



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: 47.991 ng

RT: 28.14 min Scan# 4264

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

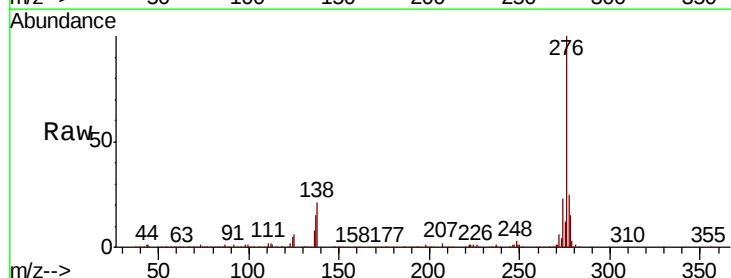
Tgt Ion:276 Resp: 1536823

Ion Ratio Lower Upper

276 100

138 24.6 19.4 29.0

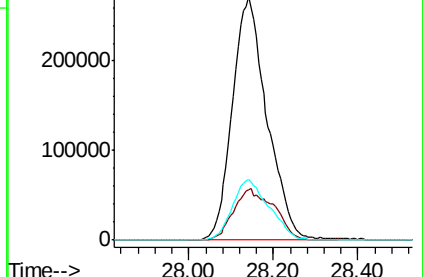
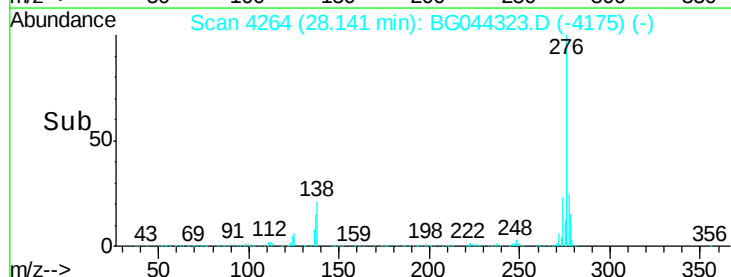
277 26.4 21.0 31.6

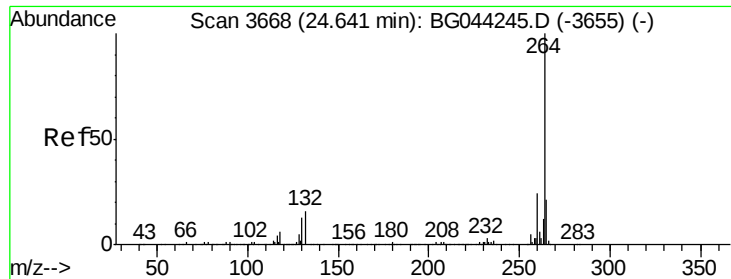


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Instrument :

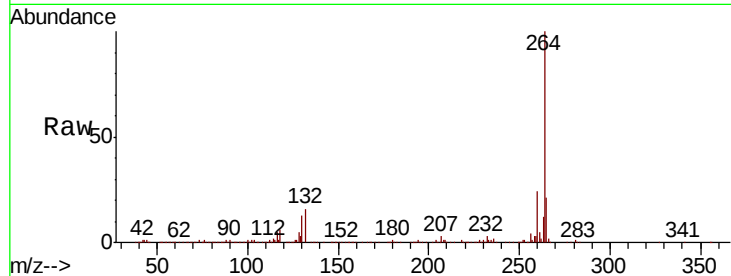
BNA_G

ClientSampleId :

PB126588BS

Tot Ion:264 Resp: 469933

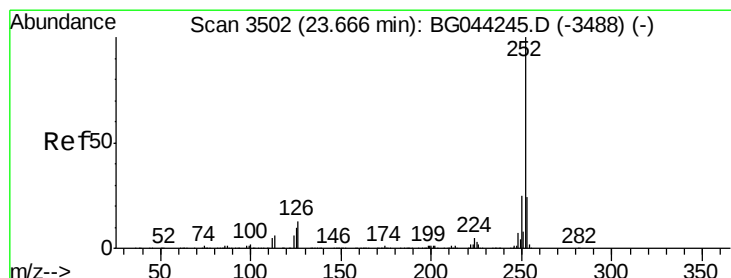
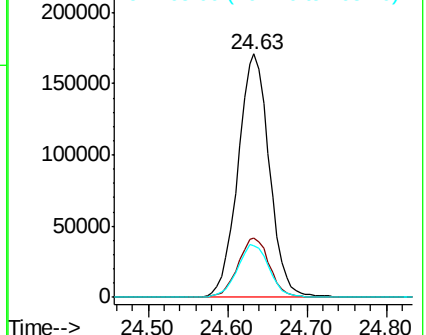
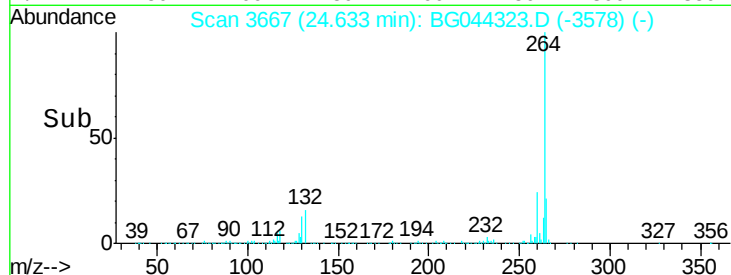
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.2	16.7	25.1



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: 47.769 ng

RT: 23.66 min Scan# 3501

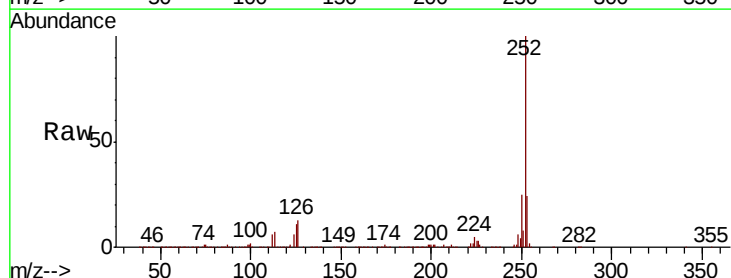
Delta R.T. -0.01 min

Lab File: BG044323.D

Acq: 6 Feb 2020 15:16

Tgt Ion:252 Resp: 1293558

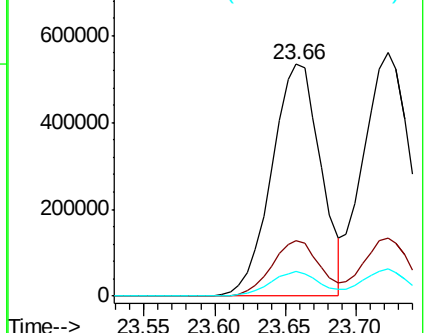
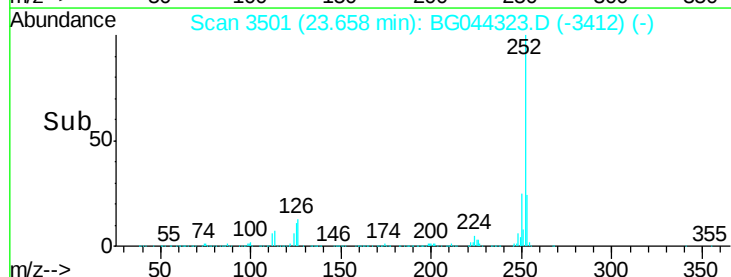
Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	10.6	8.4	12.6

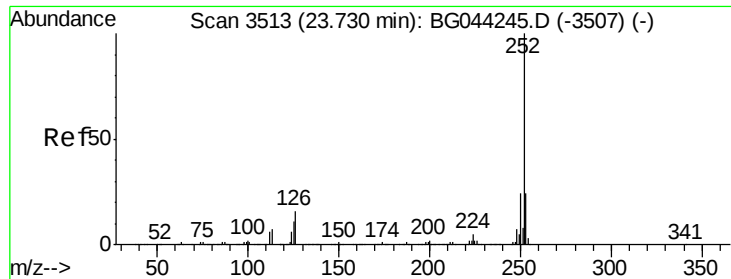


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

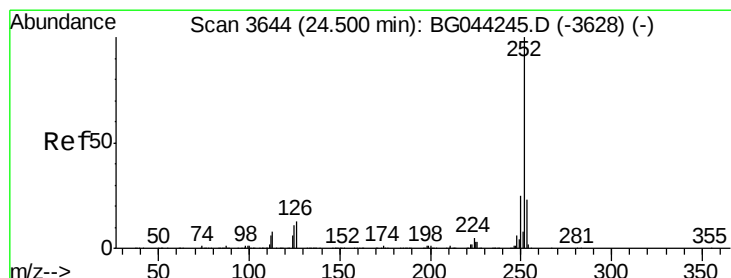
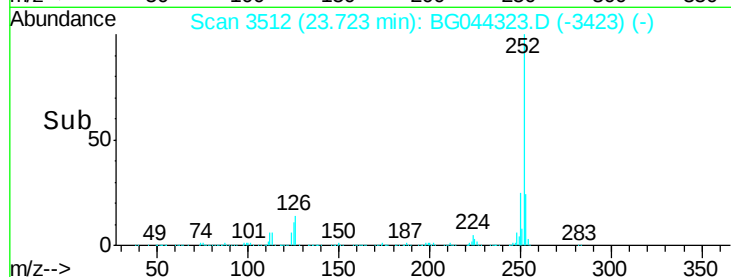
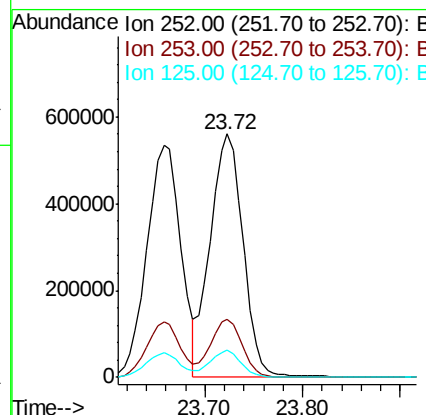
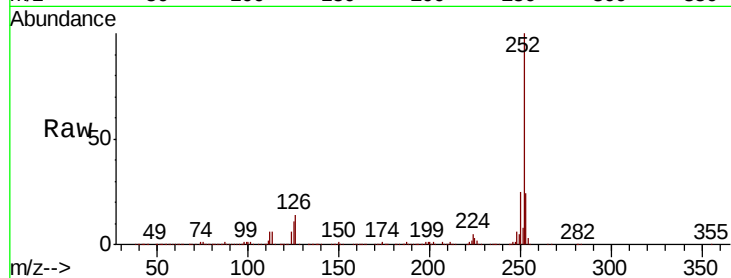




#89
Benzo(k)fluoranthene
Concen: 49.304 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

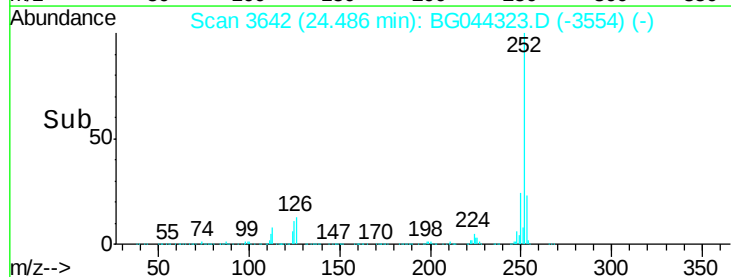
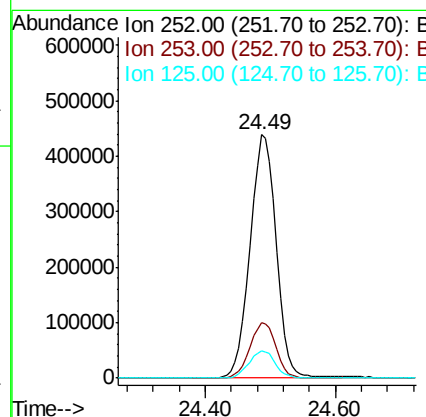
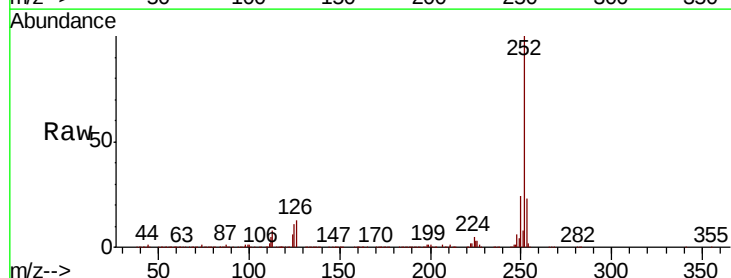
Instrument :
BNA_G
ClientSampleId :
PB126588BS

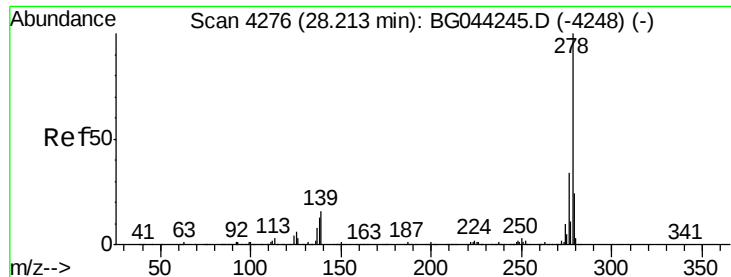
Tot Ion:252 Resp: 1301249
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 11.1 8.6 12.8



#90
Benzo(a)pyrene
Concen: 47.623 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:252 Resp: 1219291
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.1 8.6 13.0



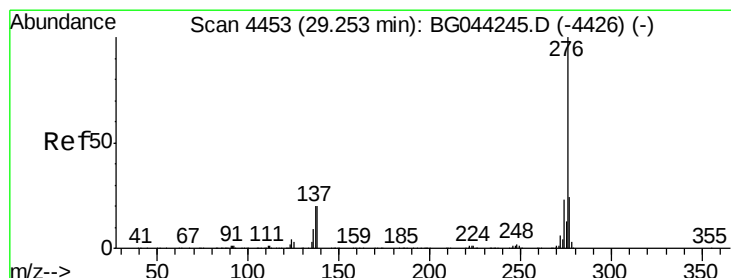
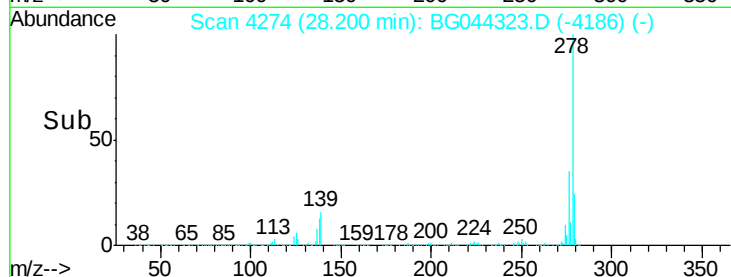
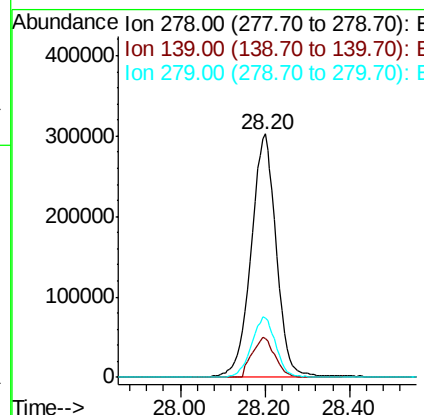
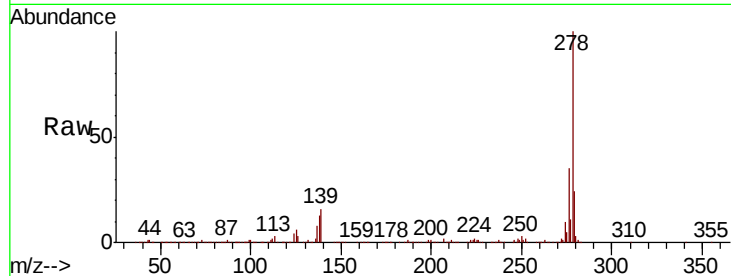


#91
Dibenzo(a,h)anthracene
Concen: 49.937 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Tot Ion:278 Resp: 1265334

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	24.4	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 50.801 ng
RT: 29.23 min Scan# 4450
Delta R.T. -0.02 min
Lab File: BG044323.D
Acq: 6 Feb 2020 15:16

Tgt Ion:276 Resp: 1288604

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	20.3	16.2	24.2

