

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044253.D
 Acq On : 31 Jan 2020 10:18
 Operator : CG/JU
 Sample : PB126367BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 31 23:27:14 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	76729	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	310001	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	204800	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	478737	20.00	ng	0.00
76) Chrysene-d12	21.55	240	459989	20.00	ng	0.00
87) Perylene-d12	24.64	264	518760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	550574	126.64	ng	0.00
7) Phenol-d6	7.09	99	722991	123.84	ng	0.00
23) Nitrobenzene-d5	9.07	82	380596	69.31	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	301593	125.44	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	885543	72.41	ng	0.00
79) Terphenyl-d14	19.91	244	1559567	69.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	83287	42.638	ng	99
3) Pyridine	3.77	79	195656	37.596	ng	97
4) n-Nitrosodimethylamine	3.68	42	92911	42.724	ng	95
6) Aniline	7.24	93	240538	33.192	ng	99
8) 2-Chlorophenol	7.48	128	219642	45.968	ng	99
9) Benzaldehyde	7.05	77	107368	32.290	ng	97
10) Phenol	7.11	94	266769	46.171	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	206288	41.761	ng	96
12) 1,3-Dichlorobenzene	7.81	146	235554	41.289	ng	98
13) 1,4-Dichlorobenzene	7.95	146	238384	42.189	ng	99
14) 1,2-Dichlorobenzene	8.27	146	225427	42.209	ng	99
15) Benzyl Alcohol	8.15	79	178359	43.152	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	265670	39.736	ng	99
17) 2-Methylphenol	8.36	107	189675	46.011	ng	99
18) Hexachloroethane	9.00	117	88354	41.670	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	159717	41.049	ng	98
20) 3+4-Methylphenols	8.69	107	258463	45.493	ng	99
22) Acetophenone	8.73	105	303975	40.308	ng	99
24) Nitrobenzene	9.11	77	226399	42.234	ng	99
25) Isophorone	9.64	82	433000	42.308	ng	99
26) 2-Nitrophenol	9.83	139	120616	43.363	ng	99
27) 2,4-Dimethylphenol	9.89	122	209569	53.374	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	277940	40.710	ng	99
29) 2,4-Dichlorophenol	10.37	162	215761	45.445	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	221077	40.610	ng	99
31) Naphthalene	10.77	128	644378	42.843	ng	99
32) Benzoic acid	10.04	122	47878	27.218	ng	96
33) 4-Chloroaniline	10.87	127	187438	27.402	ng	99
34) Hexachlorobutadiene	11.06	225	130329	38.906	ng	97
35) Caprolactam	11.63	113	38770	22.292	ng	93
36) 4-Chloro-3-methylphenol	12.01	107	228069	45.818	ng	100
37) 2-Methylnaphthalene	12.38	142	479394	42.929	ng	99
38) 1-Methylnaphthalene	12.59	142	456737	43.382	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	236038	38.529	ng	99

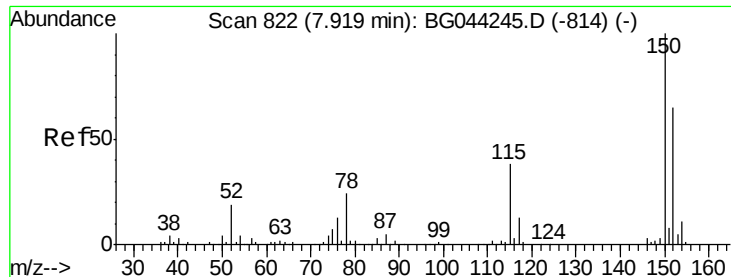
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044253.D
 Acq On : 31 Jan 2020 10:18
 Operator : CG/JU
 Sample : PB126367BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jan 31 23:27:14 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)
41) Hexachlorocyclopentadiene	12.73	237	294270	100.107	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	167046	42.185	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	183967	45.485	ng	98
46) 1,1'-Biphenyl	13.39	154	617172	41.779	ng	98
47) 2-Chloronaphthalene	13.43	162	477886	40.653	ng	99
48) 2-Nitroaniline	13.62	65	144880	41.762	ng	99
49) Acenaphthylene	14.27	152	763533	44.284	ng	99
50) Dimethylphthalate	14.01	163	640505	43.508	ng	99
51) 2,6-Dinitrotoluene	14.12	165	145229	44.244	ng	98
52) Acenaphthene	14.61	154	473775	42.394	ng	96
53) 3-Nitroaniline	14.45	138	107831	29.693	ng	100
54) 2,4-Dinitrophenol	14.66	184	162577	83.246	ng	98
55) Dibenzofuran	14.96	168	745576	44.064	ng	99
56) 4-Nitrophenol	14.77	139	276091	103.790	ng	96
57) 2,4-Dinitrotoluene	14.91	165	207859	45.181	ng	96
58) Fluorene	15.60	166	592152	44.433	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	166541	45.586	ng	99
60) Diethylphthalate	15.37	149	661764	45.113	ng	98
61) 4-Chlorophenyl-phenylether	15.60	204	310289	42.941	ng	99
62) 4-Nitroaniline	15.62	138	151034	41.622	ng	98
63) Azobenzene	15.89	77	579667	45.088	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	125549	47.509	ng	99
66) n-Nitrosodiphenylamine	15.81	169	564835	42.101	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	206015	39.498	ng	99
68) Hexachlorobenzene	16.61	284	229524	39.279	ng	98
69) Atrazine	16.76	200	229856	49.985	ng	98
70) Pentachlorophenol	16.95	266	252997	85.398	ng	99
71) Phenanthrene	17.34	178	999355	43.109	ng	99
72) Anthracene	17.43	178	1033888	45.110	ng	99
73) Carbazole	17.70	167	961320	45.498	ng	99
74) Di-n-butylphthalate	18.26	149	1209323	46.316	ng	99
75) Fluoranthene	19.35	202	1252040	46.688	ng	99
77) Benzidine	19.53	184	646782	50.692	ng	99
78) Pyrene	19.71	202	1265087	42.825	ng	100
80) Butylbenzylphthalate	20.60	149	558612	41.496	ng	97
81) Benzo(a)anthracene	21.52	228	1224590	43.196	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	334126	30.367	ng	100
83) Chrysene	21.59	228	1158742	42.286	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	790546	42.665	ng	99
85) Di-n-octyl phthalate	22.62	149	1388666	43.315	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1502613	42.030	ng	100
88) Benzo(b)fluoranthene	23.66	252	1276714	42.710	ng	99
89) Benzo(k)fluoranthene	23.73	252	1287917	44.206	ng	100
90) Benzo(a)pyrene	24.50	252	1201339	42.505	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1229274	43.948	ng	98
92) Benzo(g,h,i)perylene	29.24	276	1246492	44.516	ng	99

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

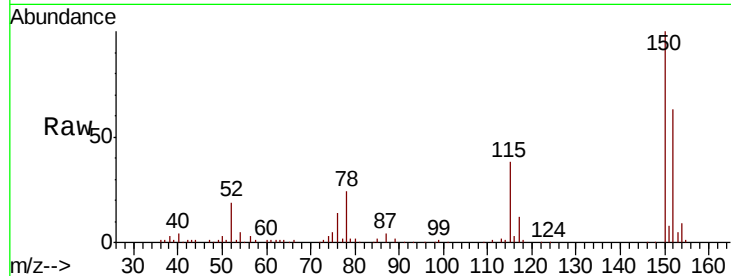


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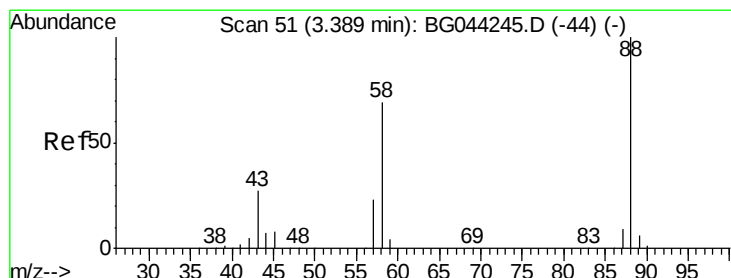
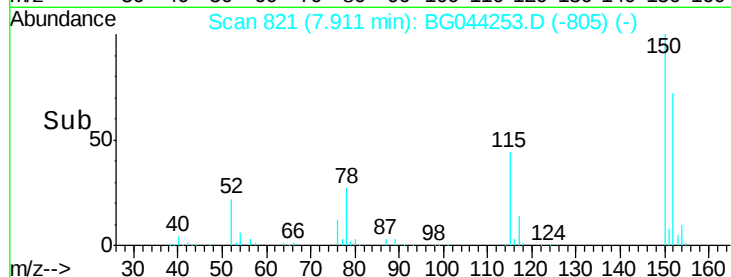
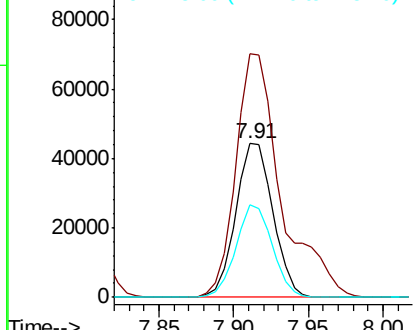
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 76729
Ion Ratio Lower Upper
152 100
150 158.4 122.6 183.8
115 60.6 46.0 69.0



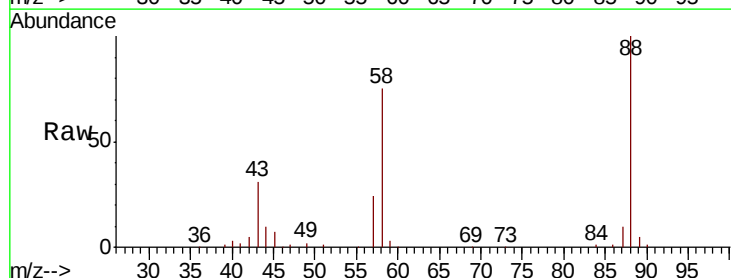
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



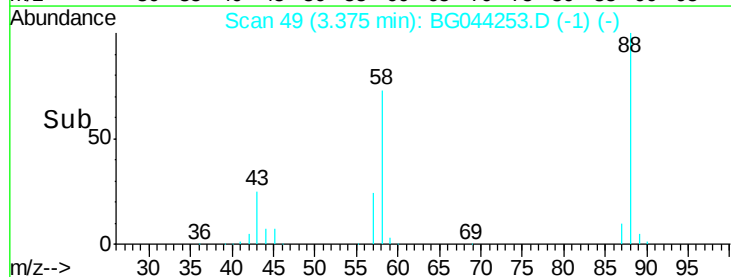
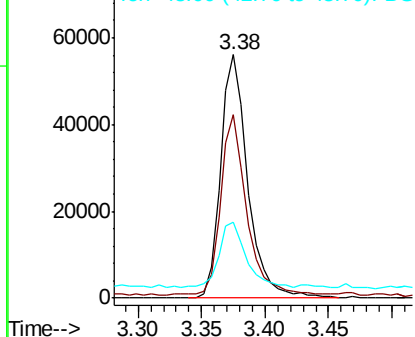
#2

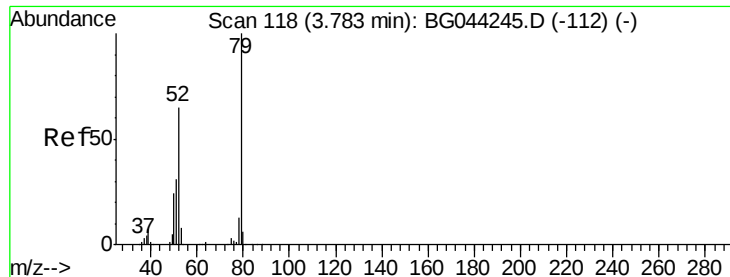
1,4-Dioxane
Concen: 42.638 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion: 88 Resp: 83287
Ion Ratio Lower Upper
88 100
58 70.2 55.8 83.6
43 27.1 21.6 32.4



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





#3

Pvridine

Concen: 37.596 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

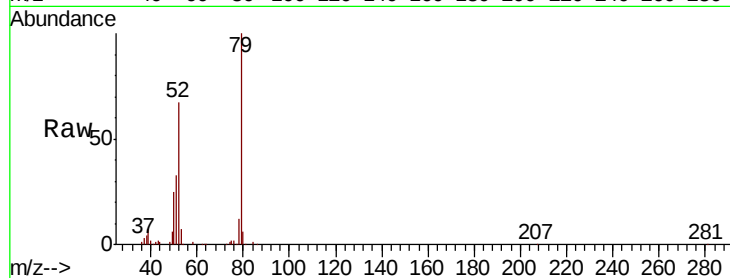
Tot Ion: 79 Resp: 195656

Ion Ratio Lower Upper

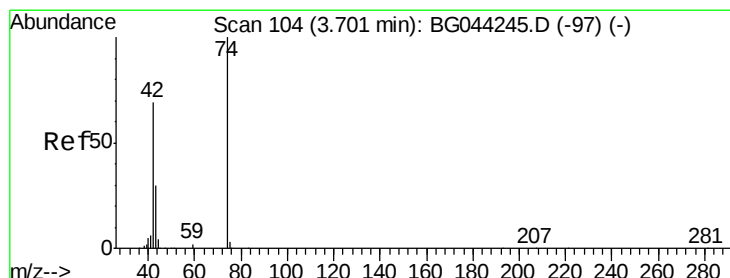
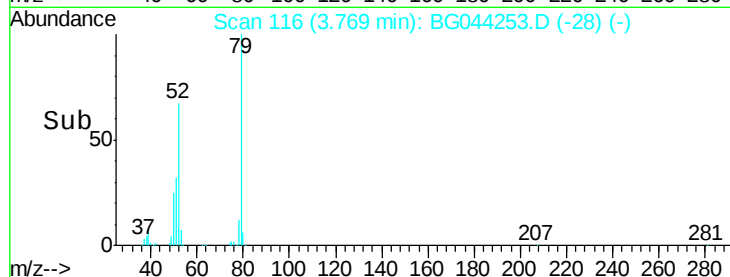
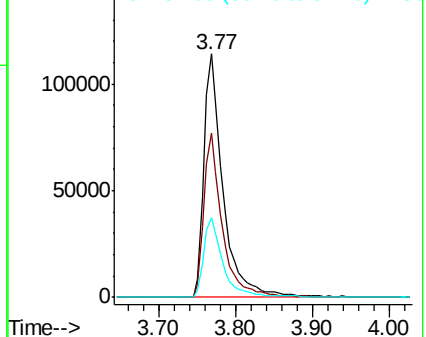
79 100

52 67.3 51.9 77.9

51 32.7 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: 42.724 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

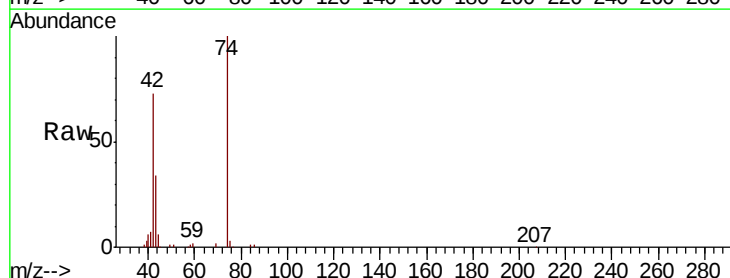
Tgt Ion: 42 Resp: 92911

Ion Ratio Lower Upper

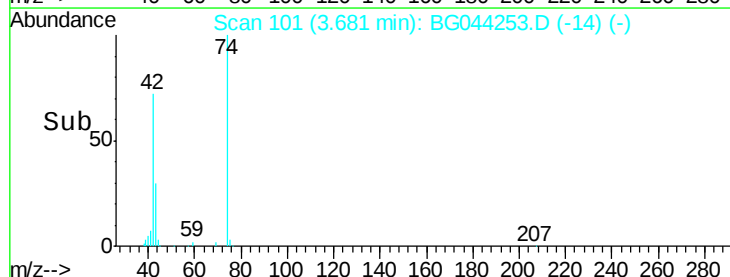
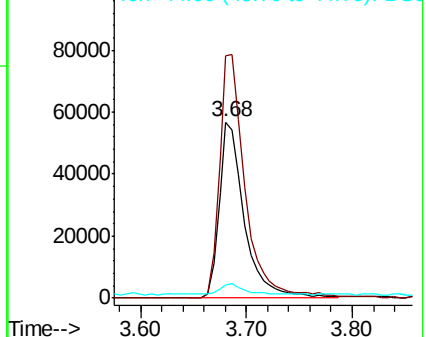
42 100

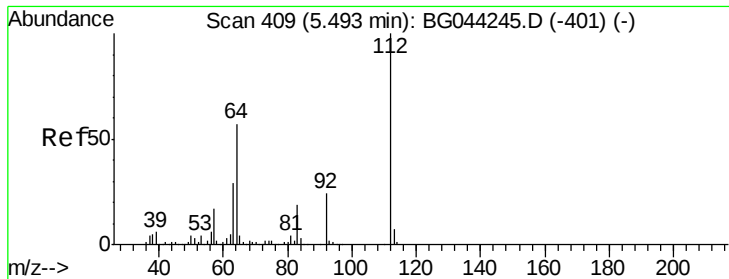
74 137.5 115.1 172.7

44 7.6 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: 126.637 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampled :

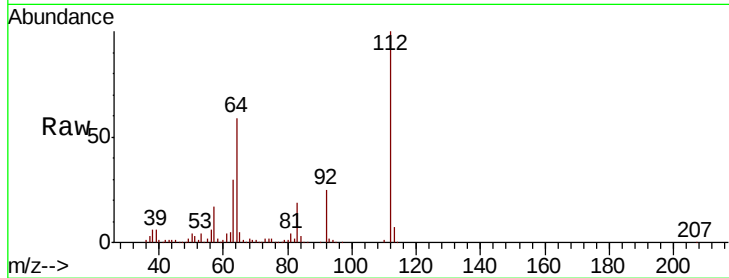
Tot Ion:112 Resp: 550574

Ion Ratio Lower Upper

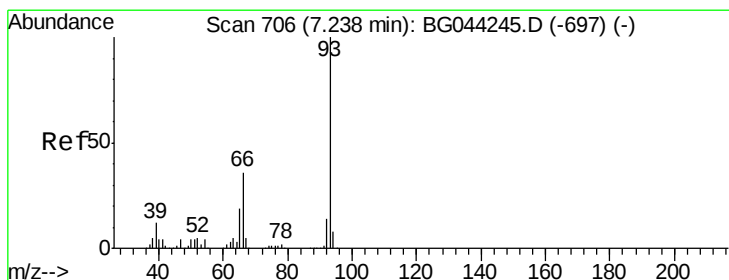
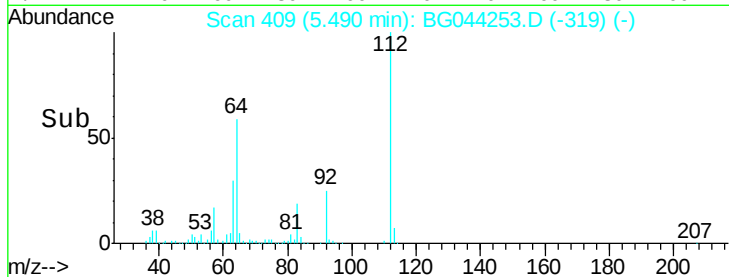
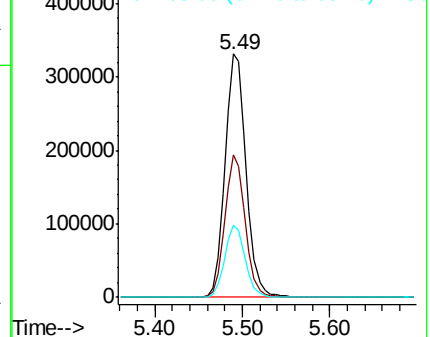
112 100

64 58.6 45.4 68.2

63 29.7 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.192 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

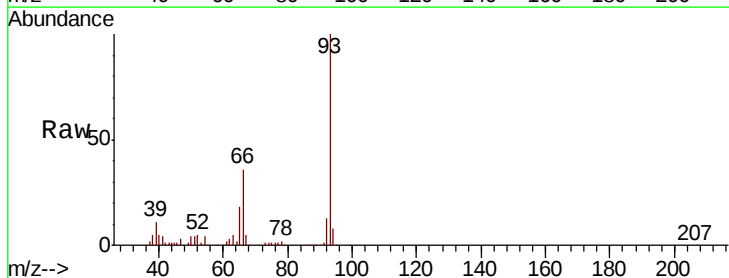
Tgt Ion: 93 Resp: 240538

Ion Ratio Lower Upper

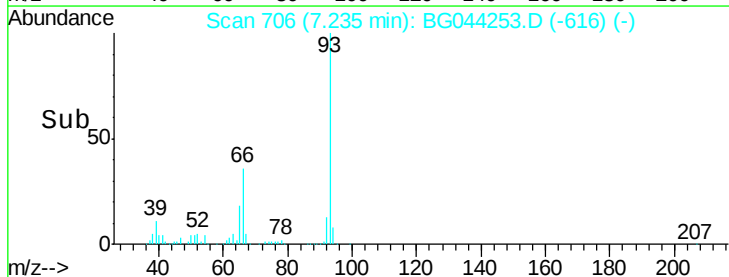
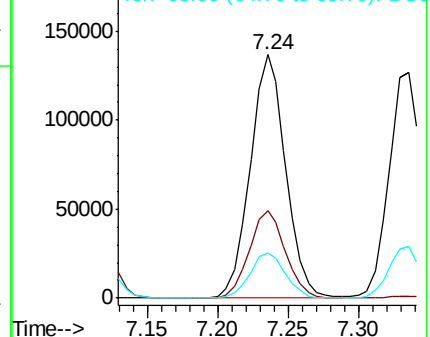
93 100

66 36.1 28.7 43.1

65 18.5 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: 123.837 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampled :

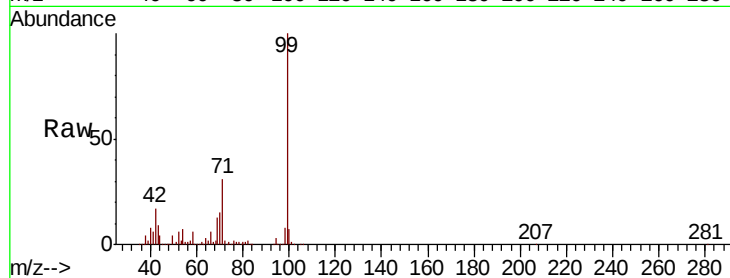
Tot Ion: 99 Resp: 722991

Ion Ratio Lower Upper

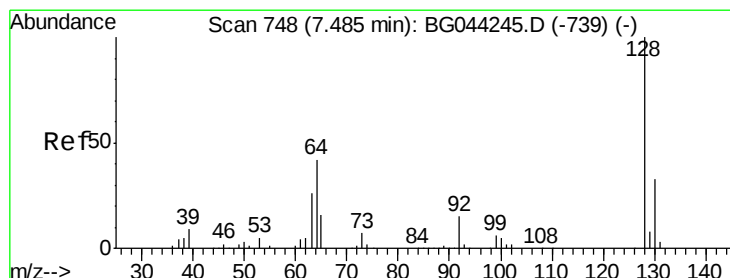
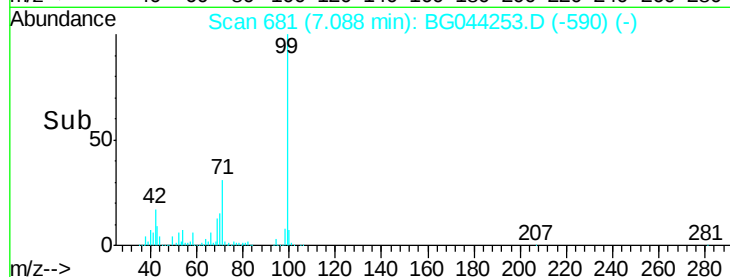
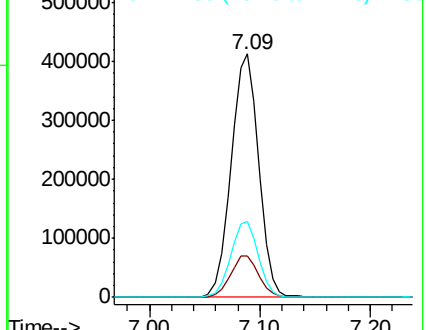
99 100

42 17.1 13.8 20.6

71 31.0 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: 45.968 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

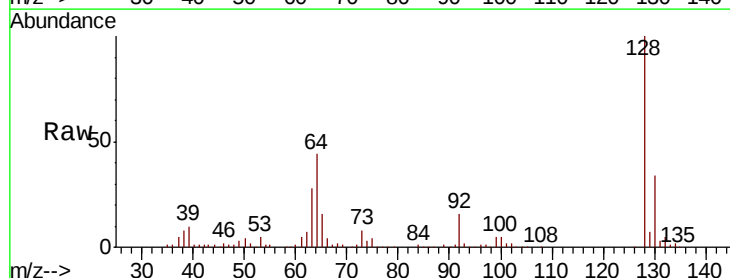
Tgt Ion: 128 Resp: 219642

Ion Ratio Lower Upper

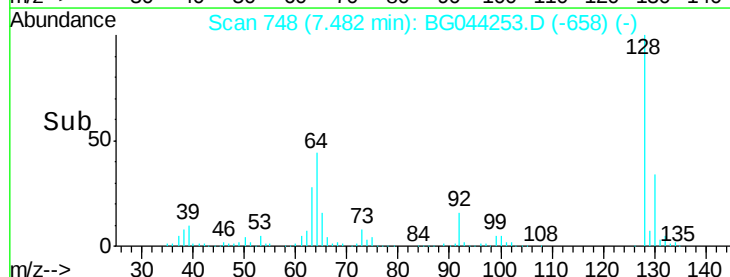
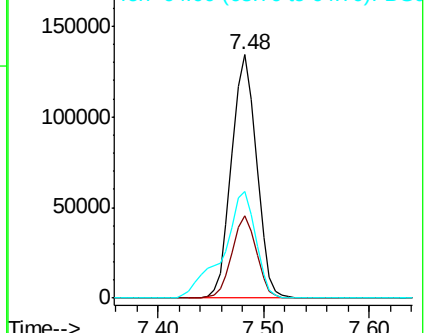
128 100

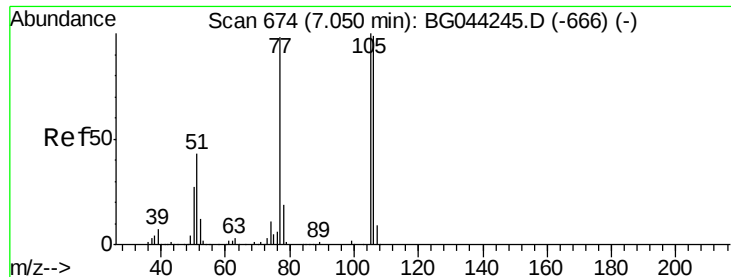
130 33.7 12.5 52.5

64 43.8 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: 32.290 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

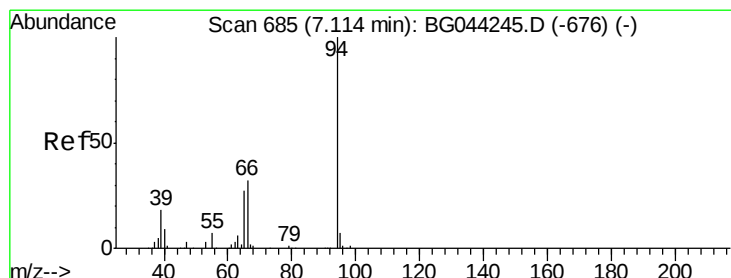
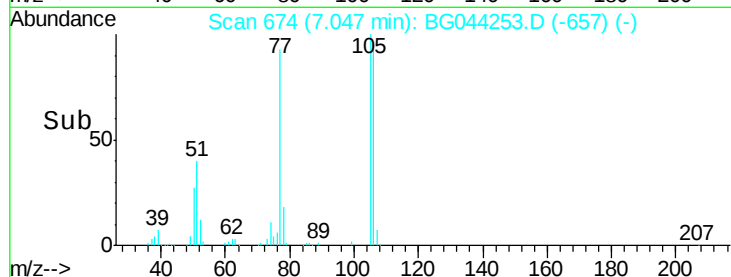
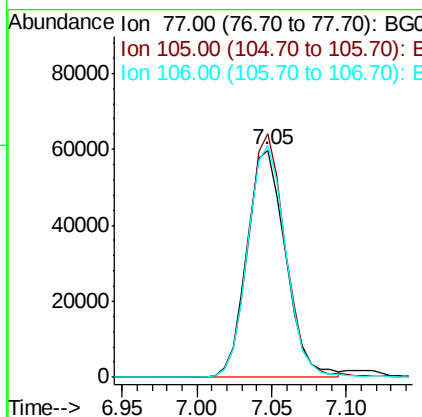
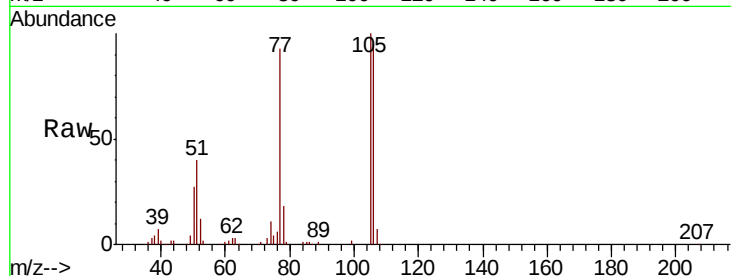
Tot Ion: 77 Resp: 107368

Ion Ratio Lower Upper

77 100

105 107.2 82.0 122.0

106 102.4 80.7 120.7



#10

Phenol

Concen: 46.171 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

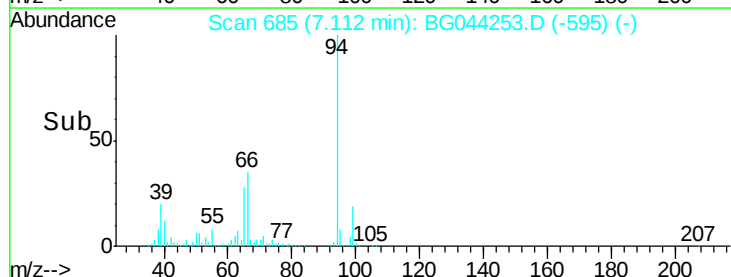
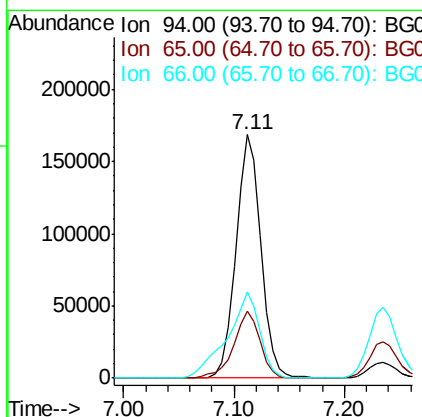
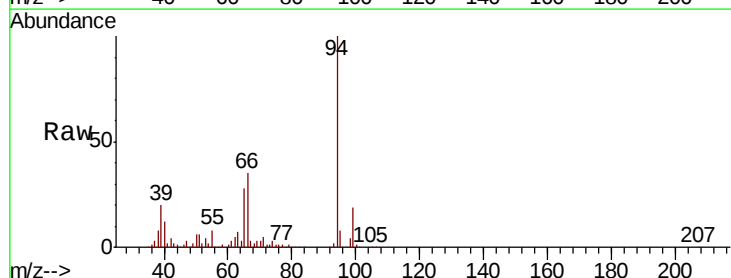
Tgt Ion: 94 Resp: 266769

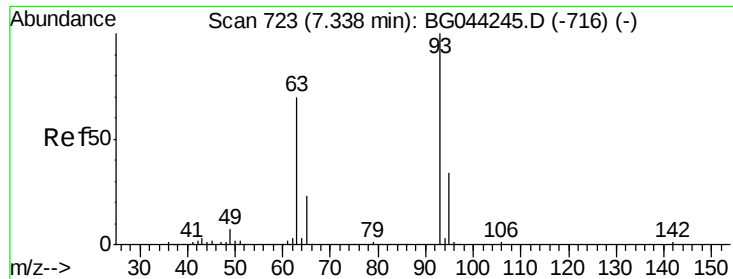
Ion Ratio Lower Upper

94 100

65 27.6 7.0 47.0

66 35.2 12.7 52.7

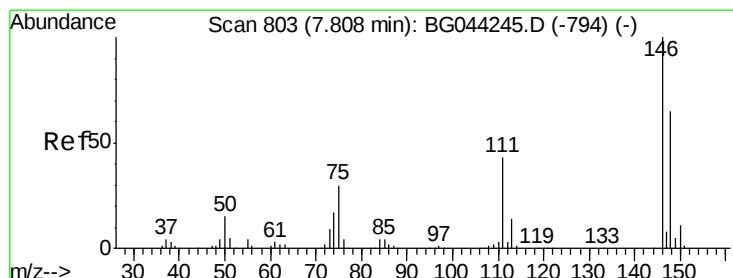
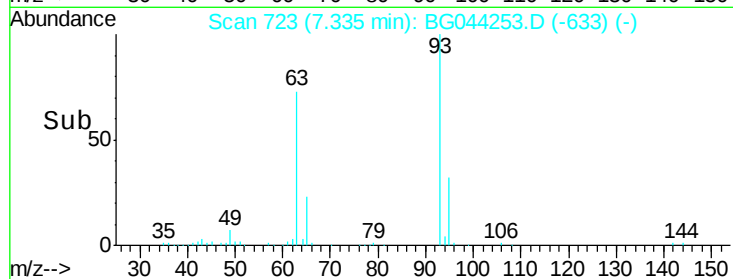
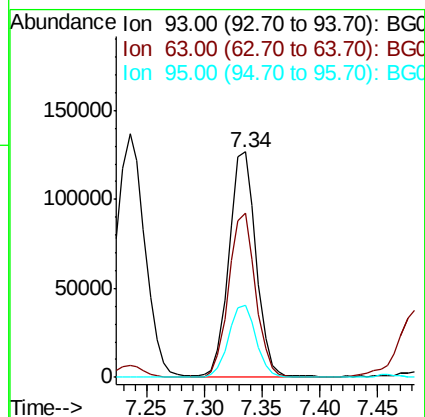
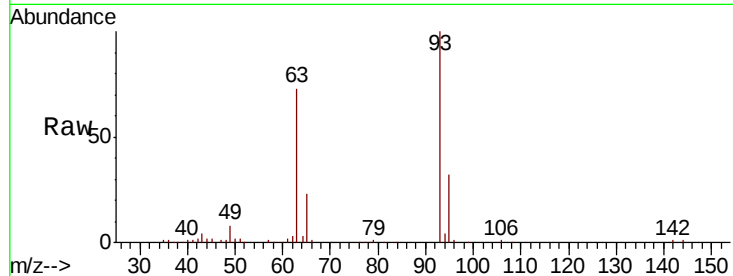




#11
 bis(2-Chloroethyl)ether
 Concen: 41.761 ng
 RT: 7.34 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

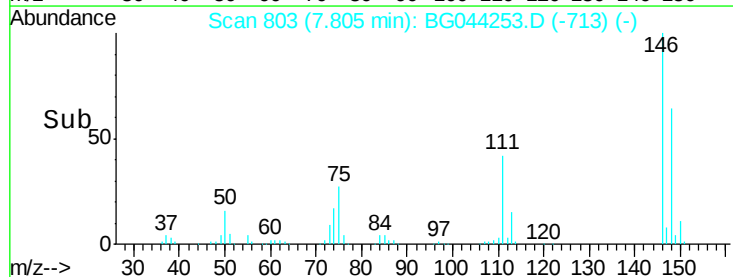
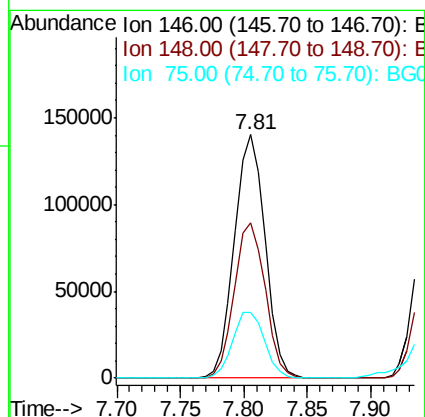
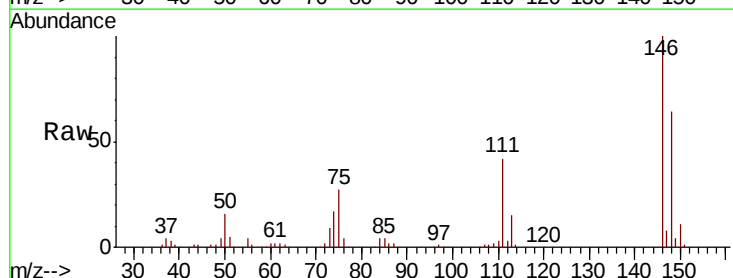
Instrument :
 BNA_G
 ClientSampleId :

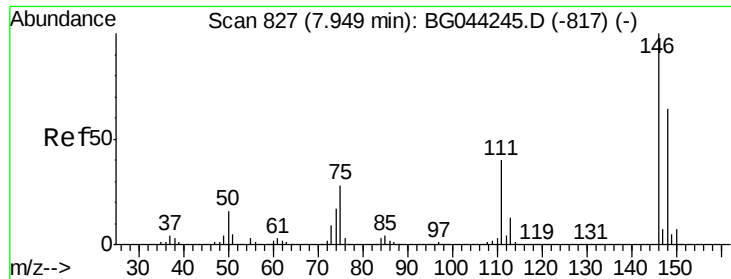
Tot Ion: 93 Resp: 206288
 Ion Ratio Lower Upper
 93 100
 63 73.1 49.2 89.2
 95 31.9 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 41.289 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion: 146 Resp: 235554
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.8
 75 27.1 23.7 35.5

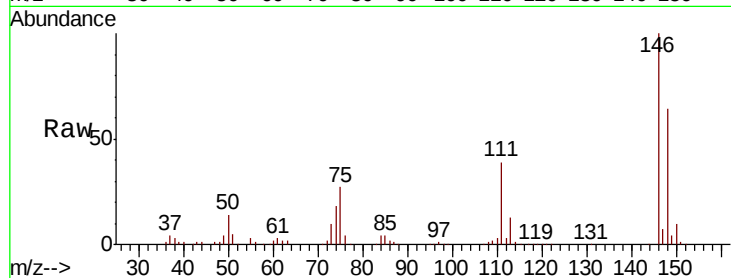




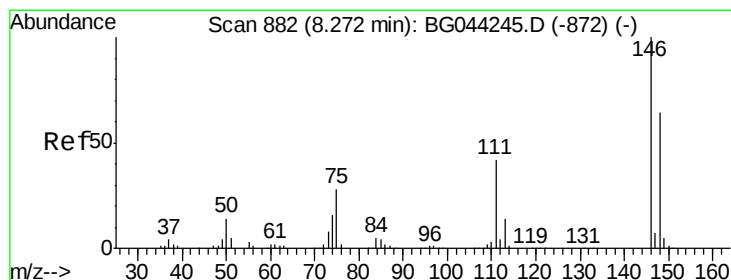
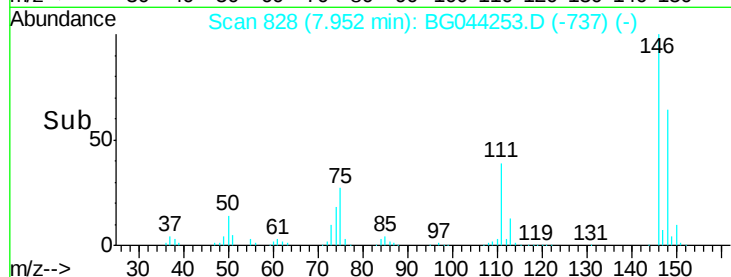
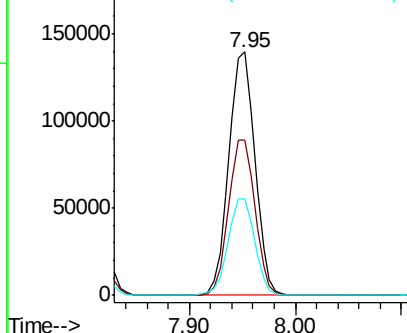
#13
 1,4-Dichlorobenzene
 Concen: 42.189 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 238384
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 39.4 31.8 47.8

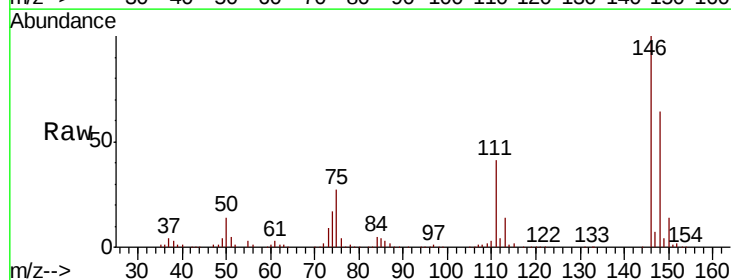


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

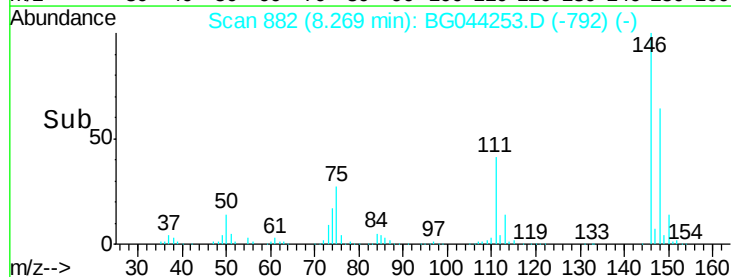
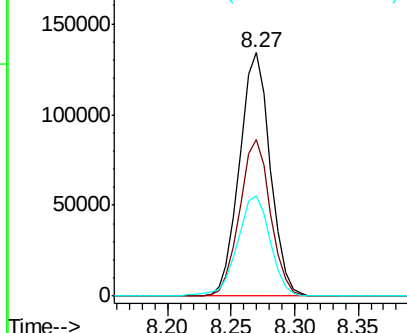


#14
 1,2-Dichlorobenzene
 Concen: 42.209 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion:146 Resp: 225427
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 41.0 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 43.152 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampled :

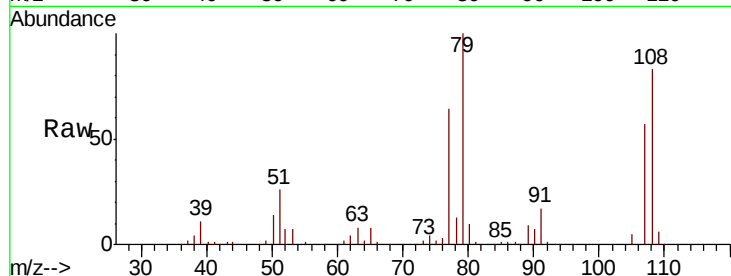
Tot Ion: 79 Resp: 178359

Ion Ratio Lower Upper

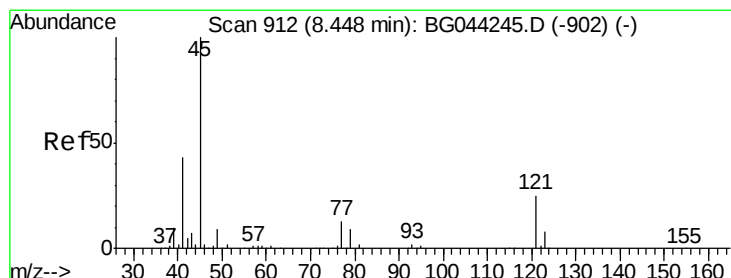
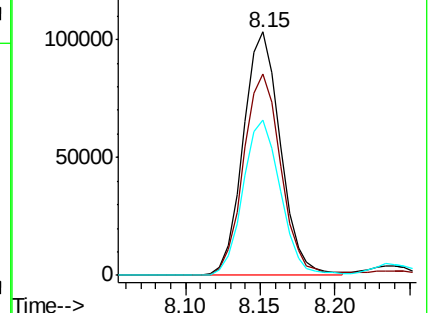
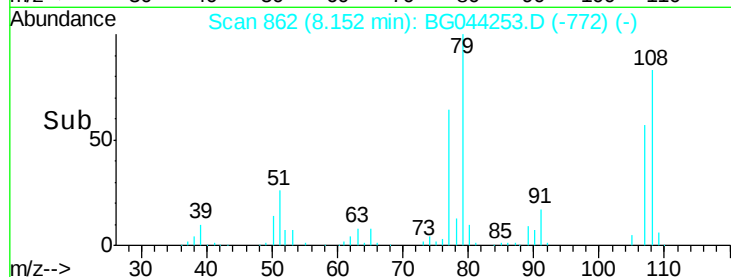
79 100

108 82.9 68.3 102.5

77 63.7 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.736 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

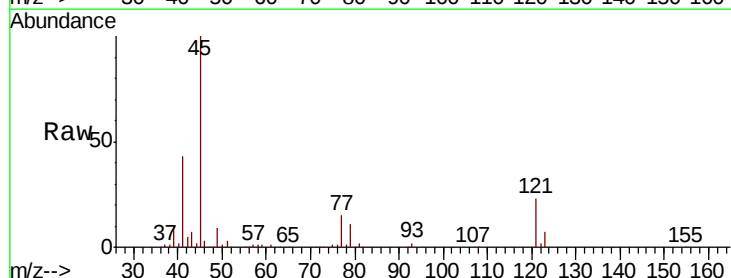
Tgt Ion: 45 Resp: 265670

Ion Ratio Lower Upper

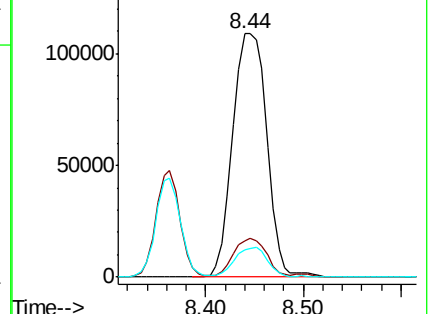
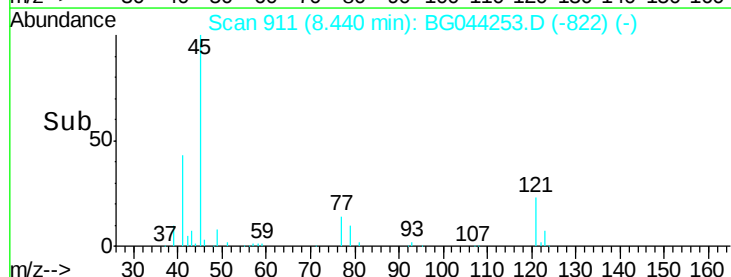
45 100

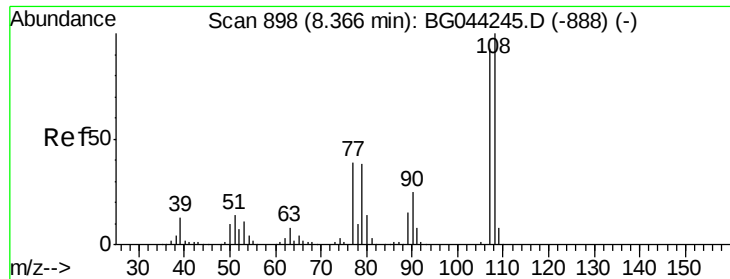
77 15.0 0.0 35.2

79 11.3 0.0 31.1



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

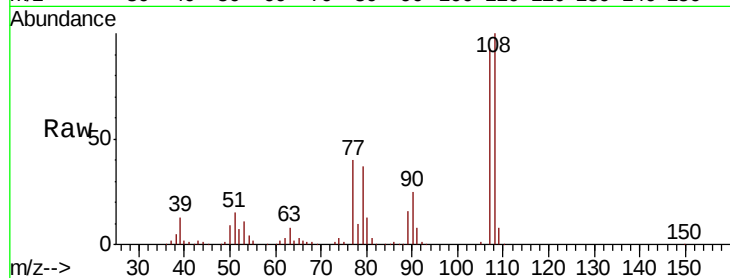




#17
2-Methylphenol
Concen: 46.011 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.5	86.4	129.6
77	43.3	34.0	51.0
79	40.0	32.9	49.3



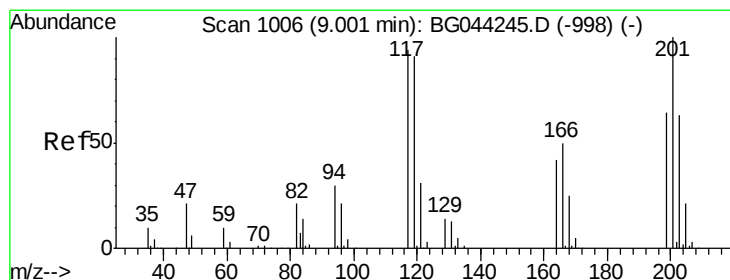
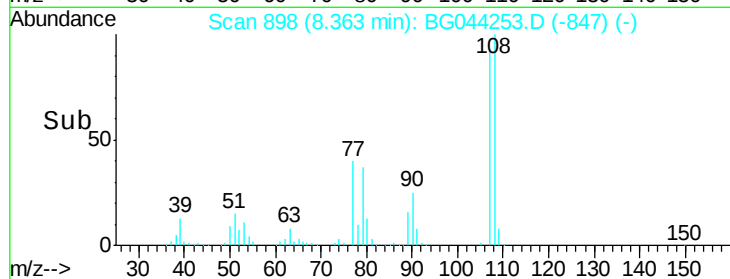
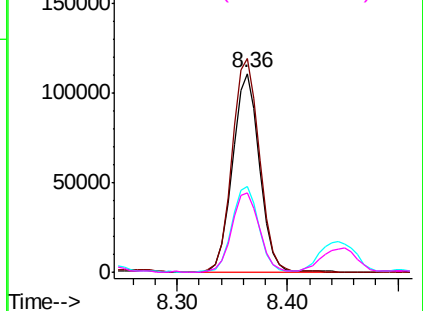
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

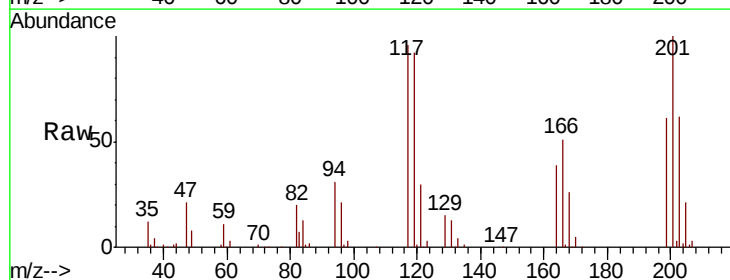
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.670 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.5	116.3
201	103.7	84.9	127.3

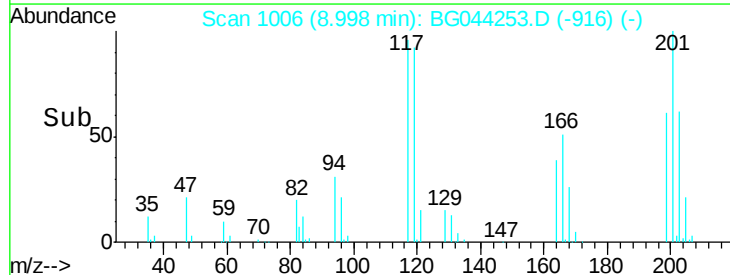
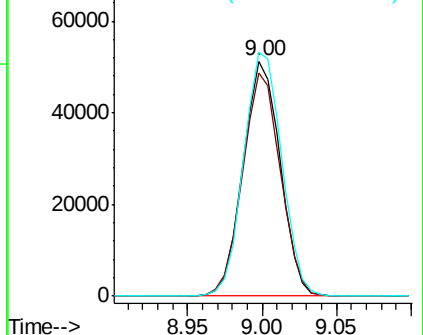


Abundance

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

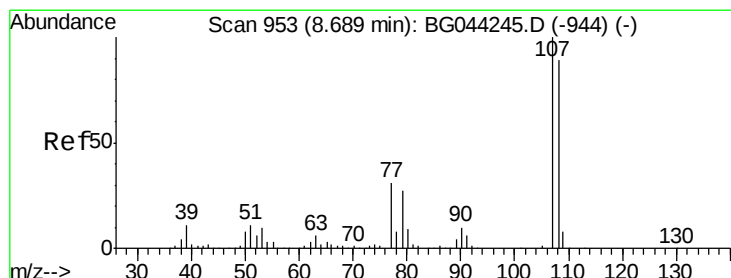
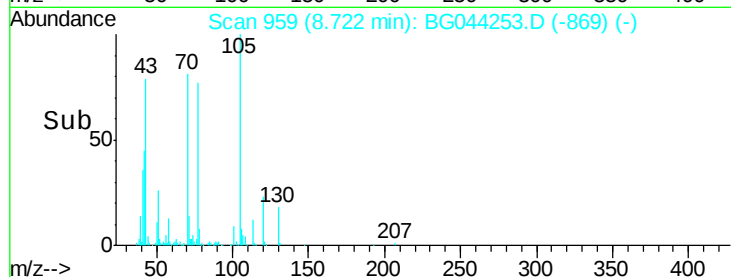
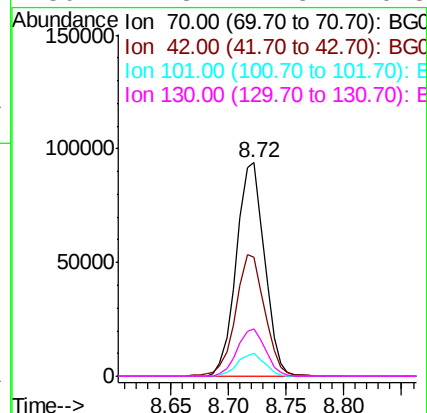
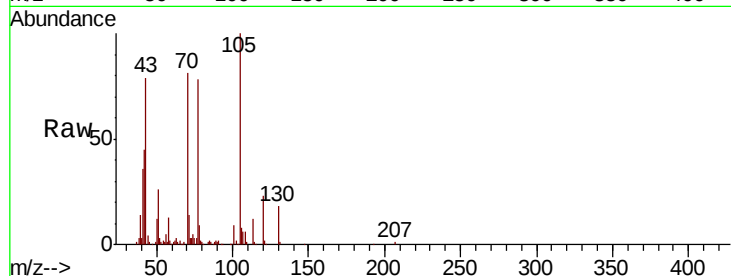




#19
n-Nitroso-di-n-propylamine
Concen: 41.049 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

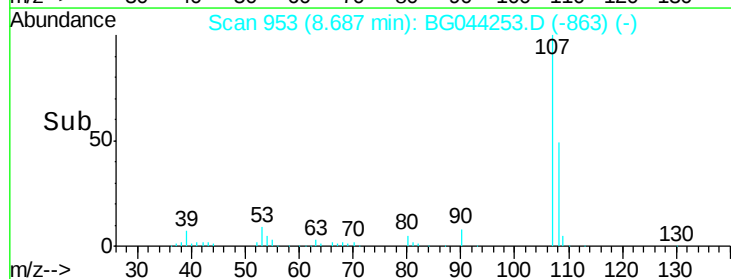
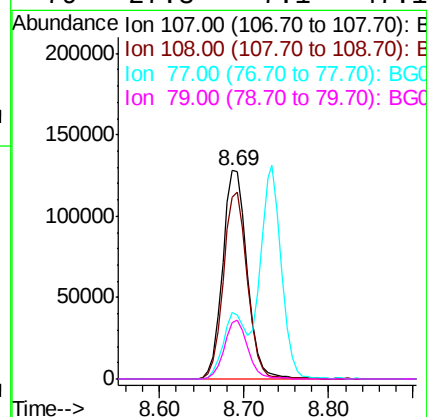
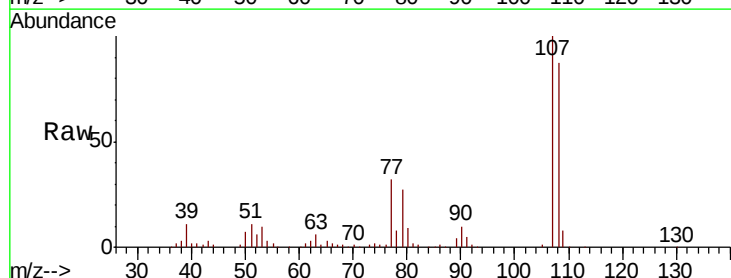
Instrument :
BNA_G
ClientSampled :

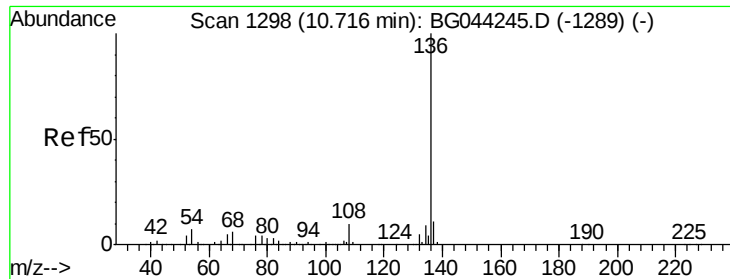
Tot Ion:	70	Resp:	159717
Ion	Ratio	Lower	Upper
70	100		
42	55.5	46.2	69.2
101	10.5	8.4	12.6
130	22.3	17.8	26.8



#20
3+4-Methylphenols
Concen: 45.493 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion:	107	Resp:	258463
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.5	108.5
77	31.9	10.9	50.9
79	27.3	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 310001

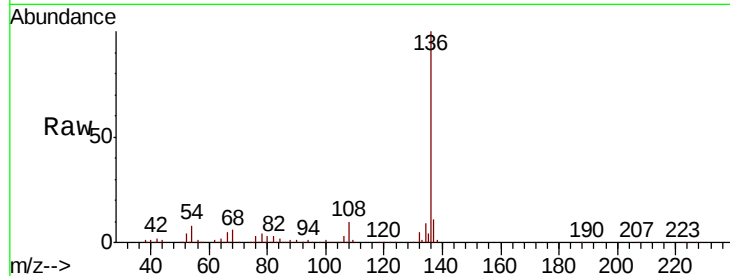
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.7 5.8 8.8

68 5.8 4.6 6.8

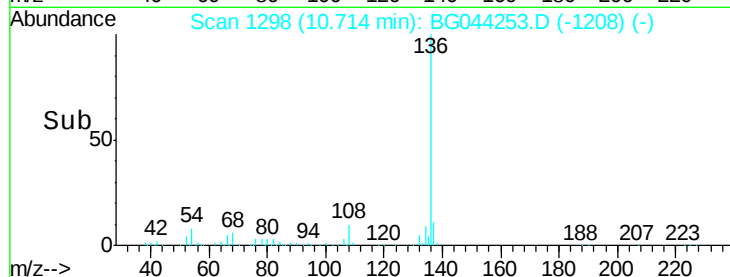


Abundance Ion 136.00 (135.70 to 136.70): E

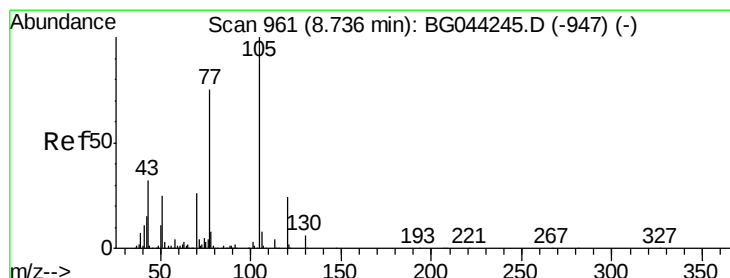
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.60 10.70 10.80



#22

Acetophenone

Concen: 40.308 ng

RT: 8.73 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Tgt Ion:105 Resp: 303975

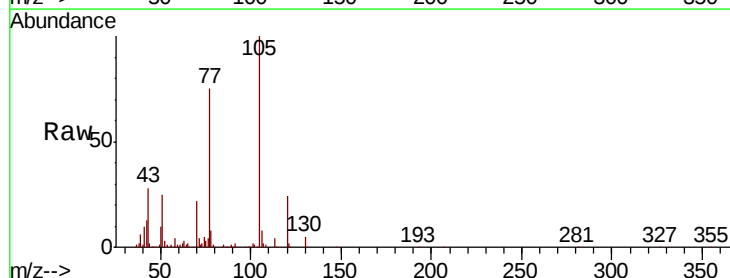
Ion Ratio Lower Upper

105 100

71 4.0 3.4 5.0

51 24.8 20.2 30.4

120 23.7 19.1 28.7

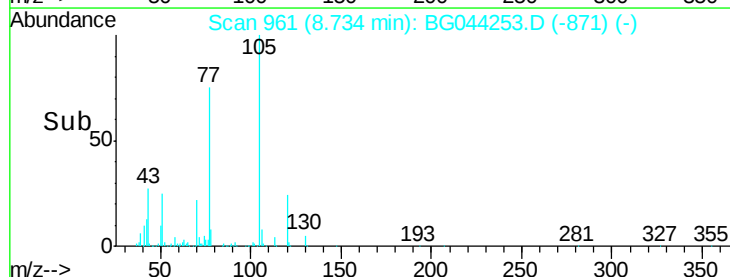


Abundance Ion 105.00 (104.70 to 105.70): E

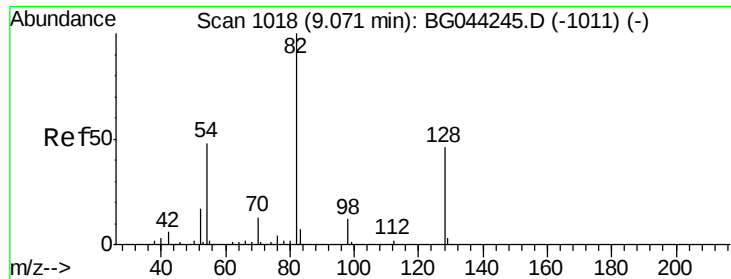
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



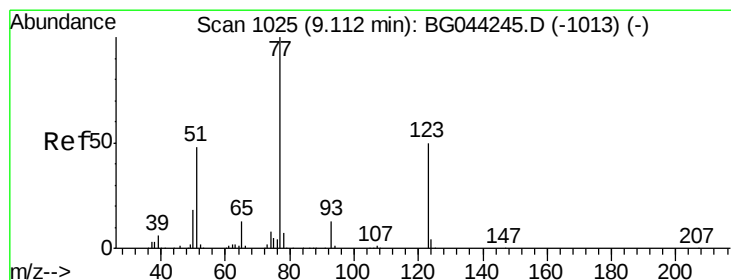
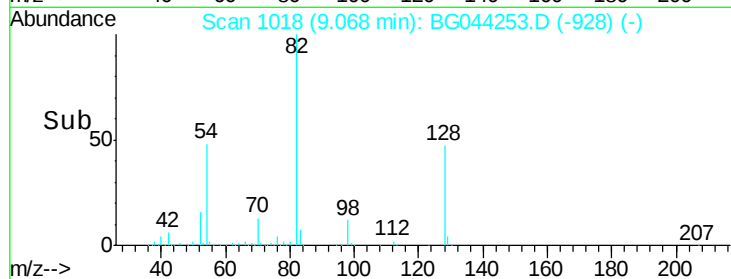
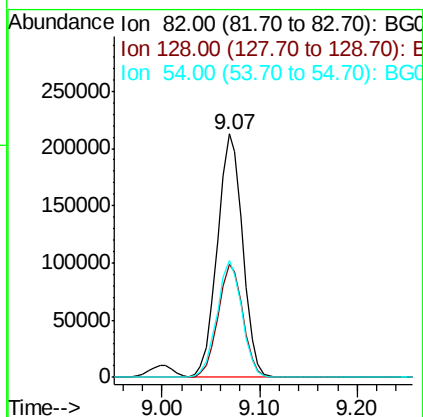
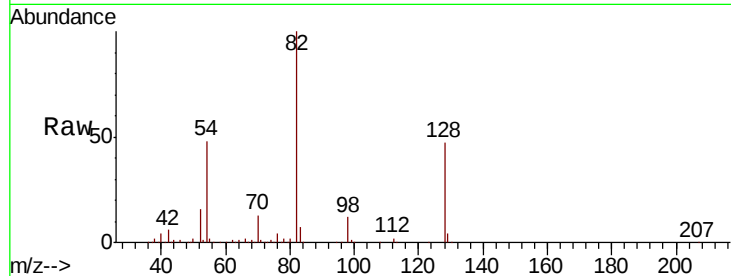
Time--> 8.60 8.70 8.80 8.90



#23
Nitrobenzene-d5
Concen: 69.313 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

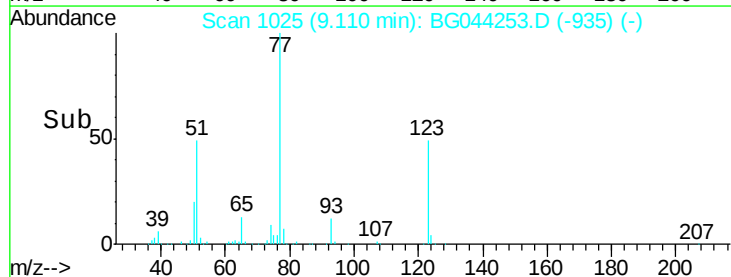
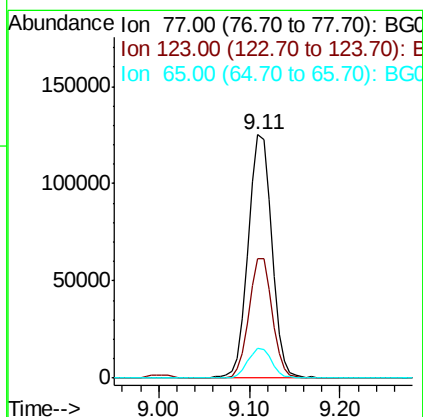
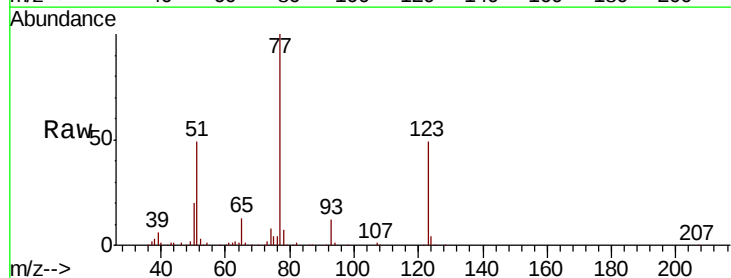
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	380596
Ion Ratio	Lower	Upper	
82	100		
128	46.7	36.5	54.7
54	48.2	38.6	58.0



#24
Nitrobenzene
Concen: 42.234 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion	77	Resp	226399
Ion Ratio	Lower	Upper	
77	100		
123	49.3	39.9	59.9
65	12.5	10.4	15.6





#25

Isophorone

Concen: 42.308 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

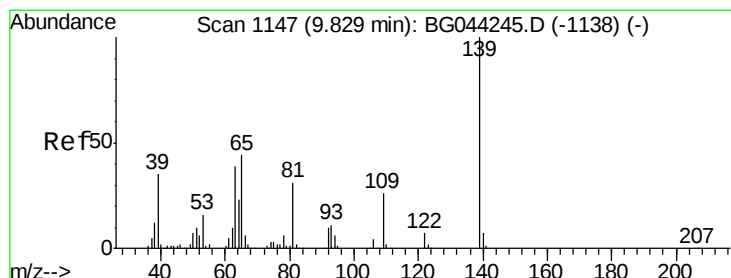
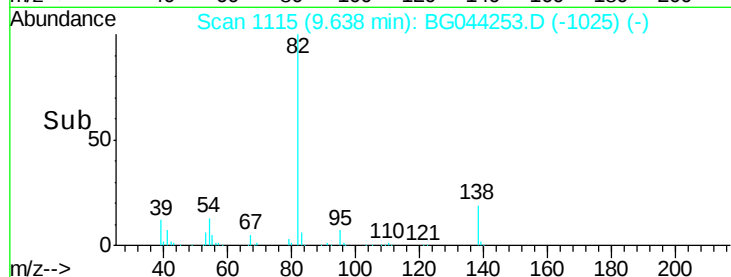
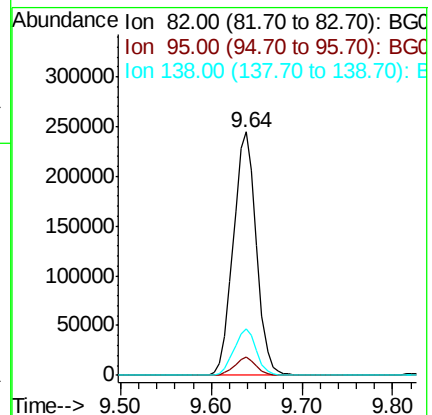
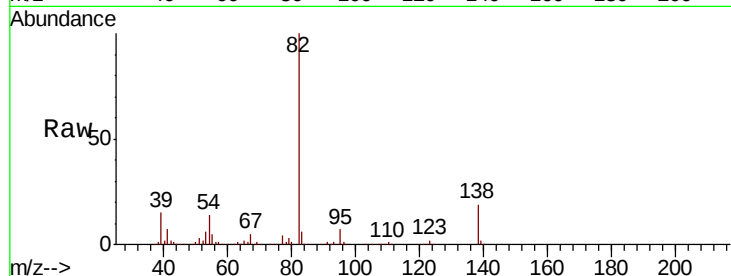
Tot Ion: 82 Resp: 433000

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 18.9 15.0 22.4



#26

2-Nitrophenol

Concen: 43.363 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

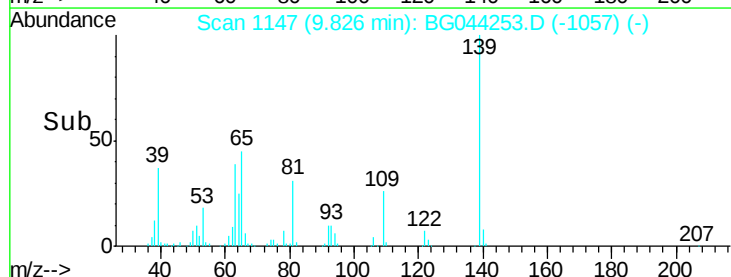
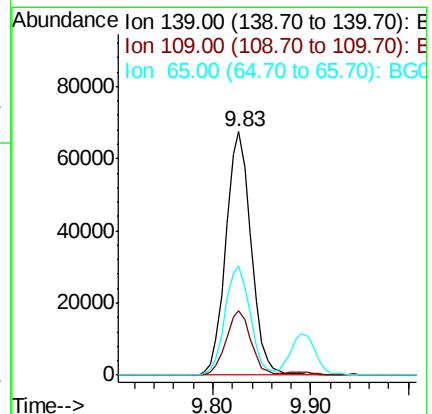
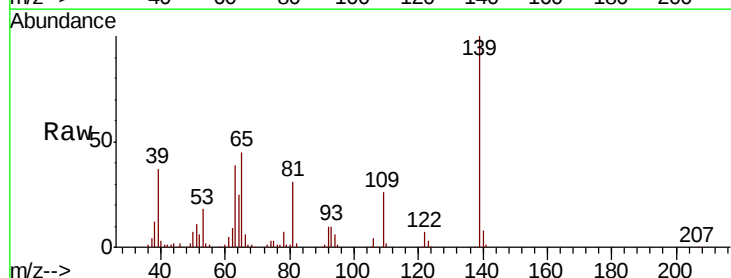
Tgt Ion: 139 Resp: 120616

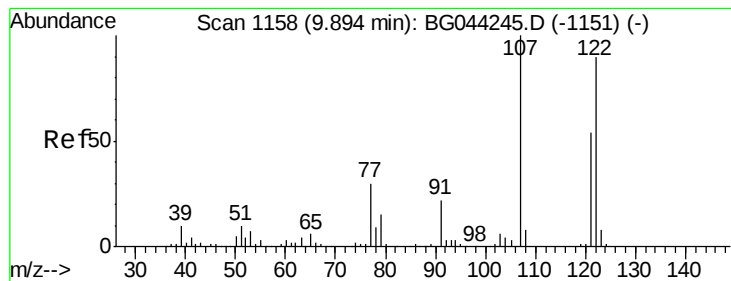
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.4

65 45.1 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 53.374 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

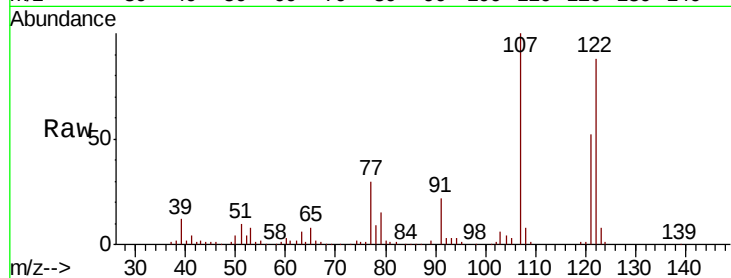
Tot Ion:122 Resp: 209569

Ion Ratio Lower Upper

122 100

107 113.2 88.8 133.2

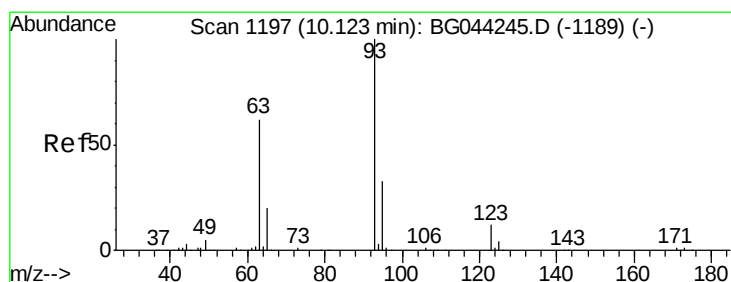
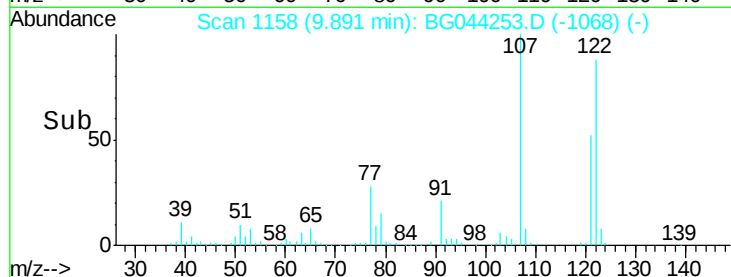
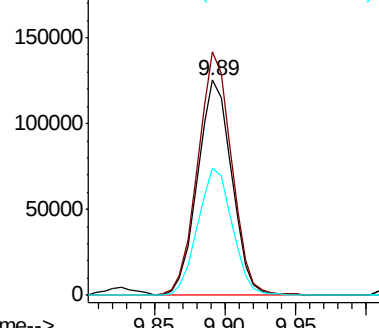
121 59.2 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.710 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

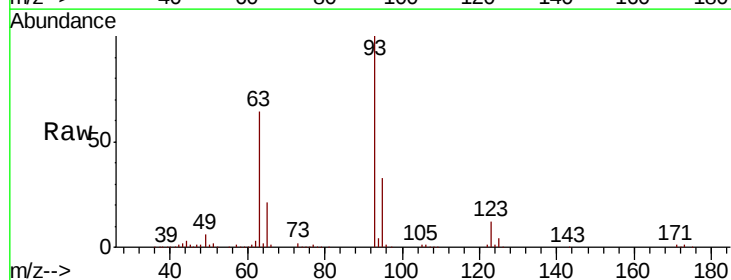
Tgt Ion: 93 Resp: 277940

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

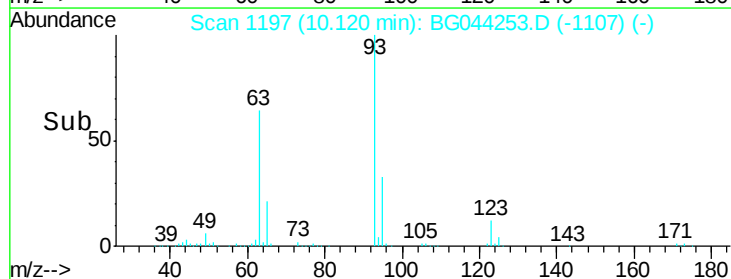
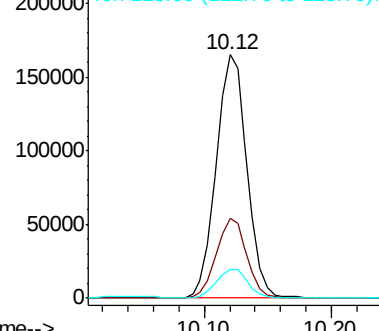
123 11.7 10.0 15.0

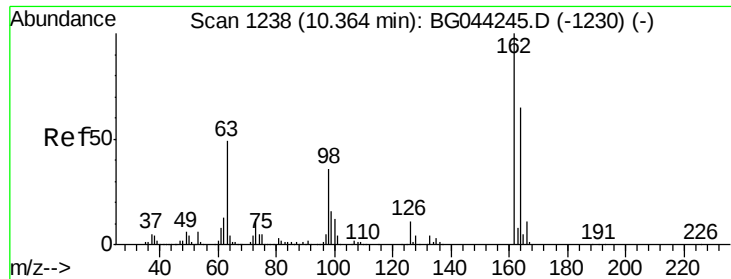


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

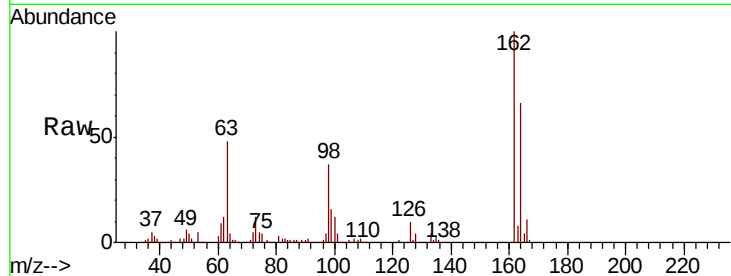




#29
 2,4-Dichlorophenol
 Concen: 45.445 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.7	84.7
98	36.7	15.8	55.8

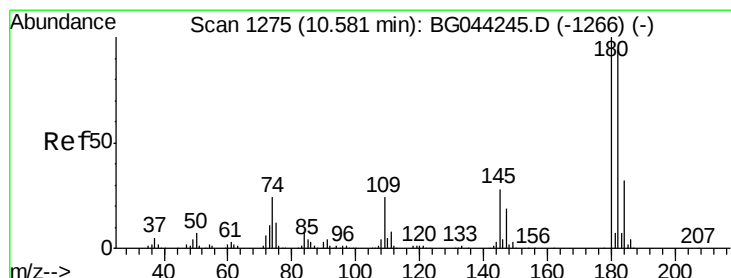
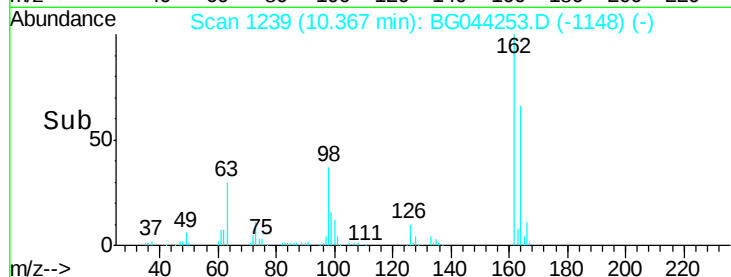
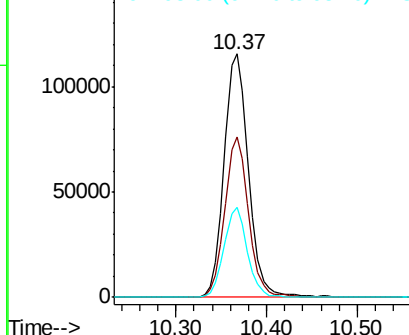


Abundance

Ion 162.00 (161.70 to 162.70): E

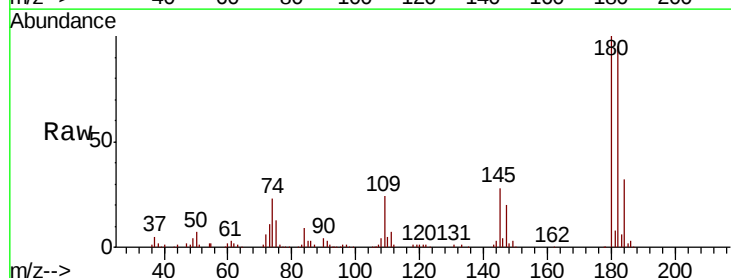
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.610 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.5	113.3
145	27.5	22.6	34.0

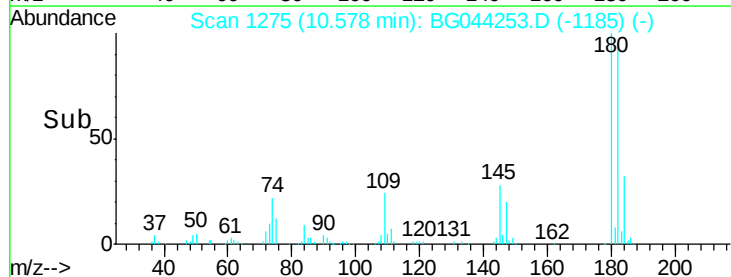
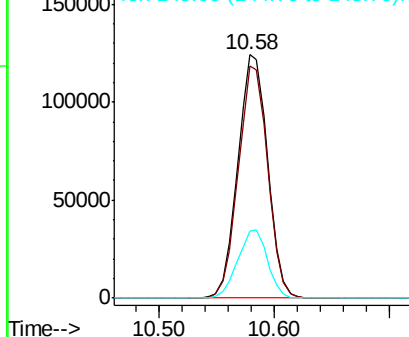


Abundance

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

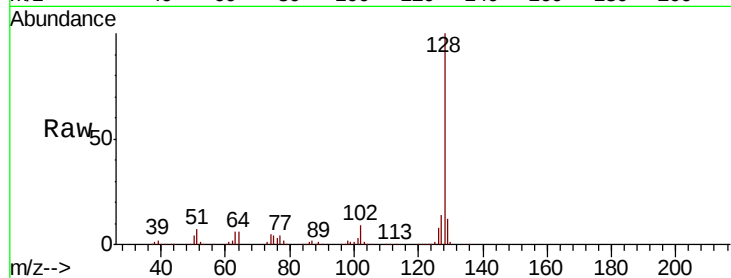




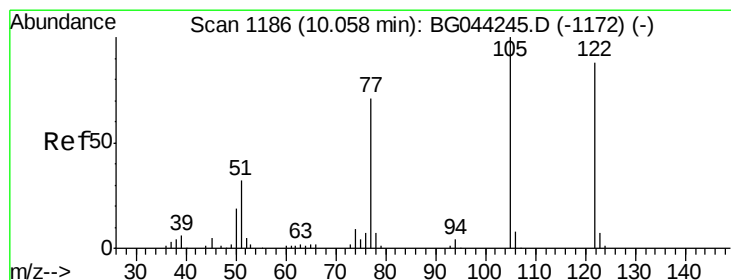
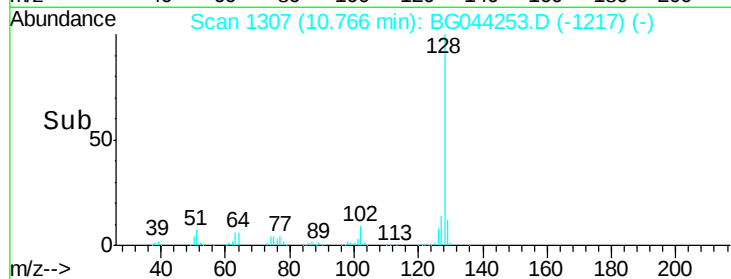
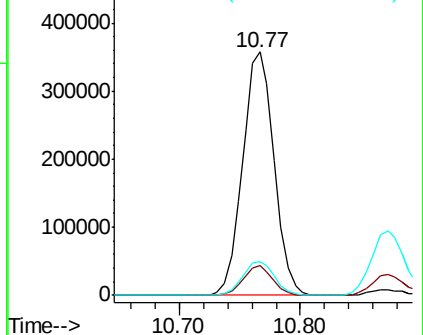
#31
Naphthalene
Concen: 42.843 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 644378
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 14.0 11.6 17.4

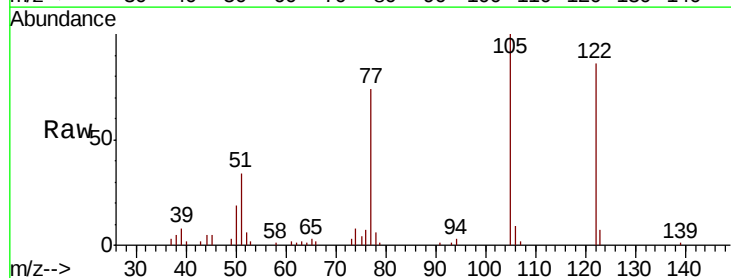


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

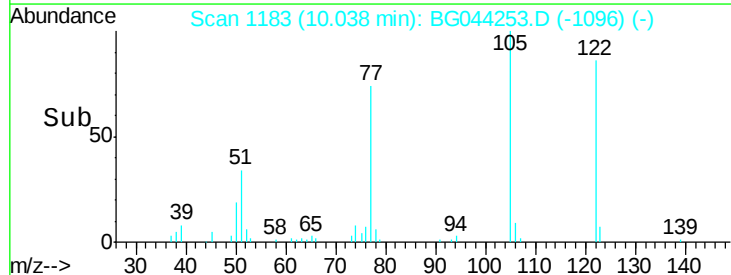
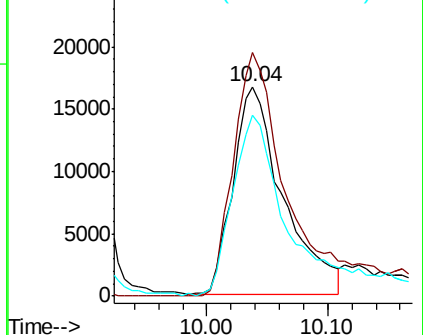


#32
Benzoic acid
Concen: 27.218 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion:122 Resp: 47878
Ion Ratio Lower Upper
122 100
105 116.1 93.5 133.5
77 86.1 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

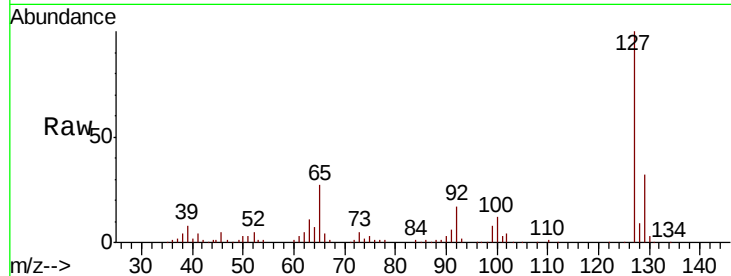




#33
4-Chloroaniline
Concen: 27.402 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	187438
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	27.2	22.5	33.7
92	17.3	14.1	21.1



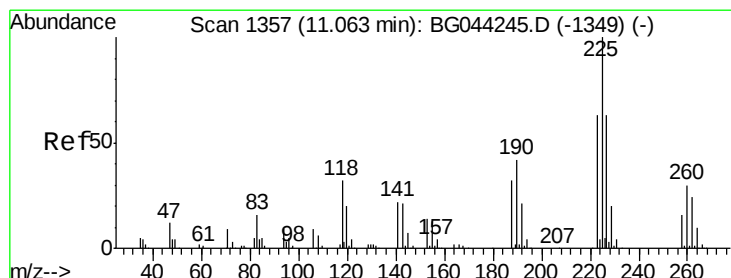
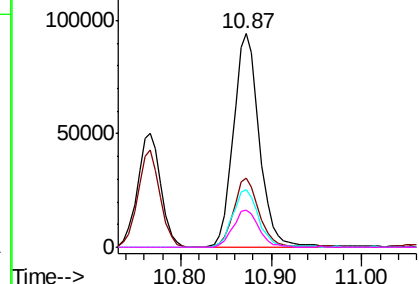
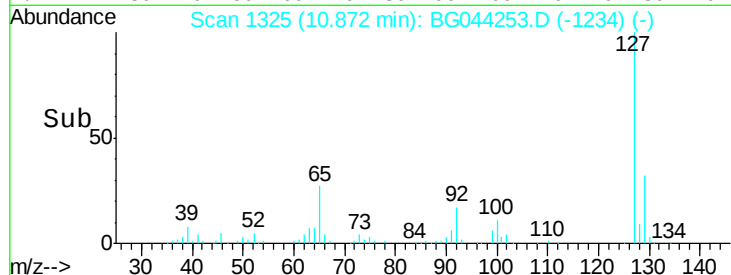
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

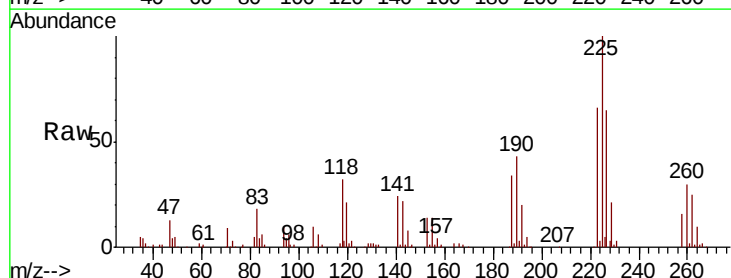
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.906 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion:	225	Resp:	130329
Ion	Ratio	Lower	Upper
225	100		
223	66.2	50.2	75.4
227	65.4	50.8	76.2

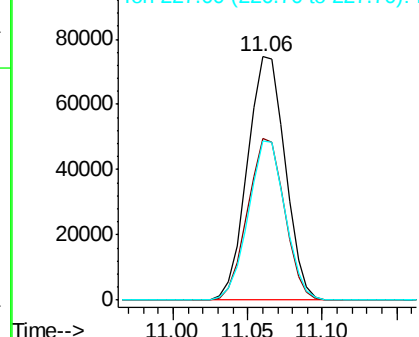
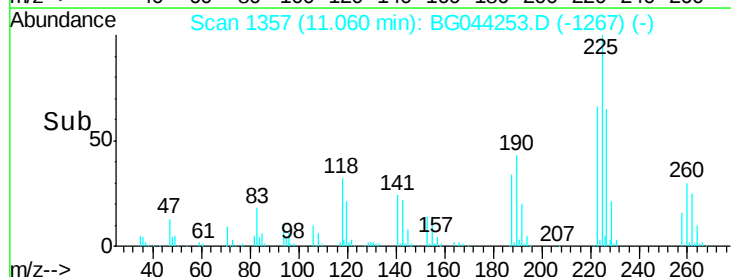


Abundance

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: 22.292 ng

RT: 11.63 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

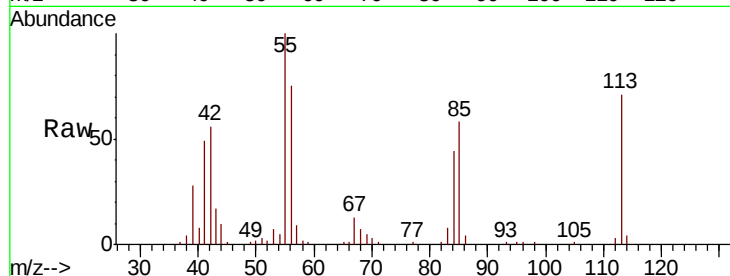
Tot Ion:113 Resp: 38770

Ion Ratio Lower Upper

113 100

55 141.4 129.9 169.9

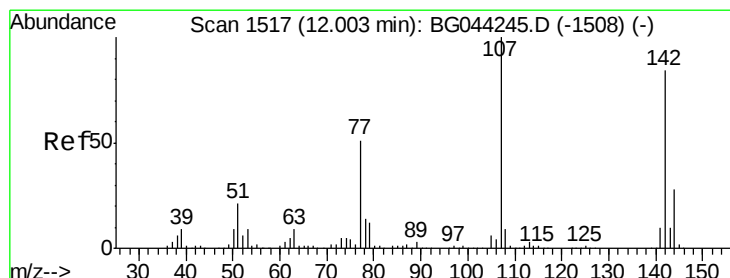
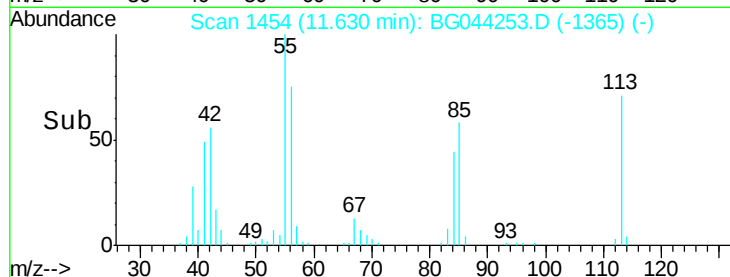
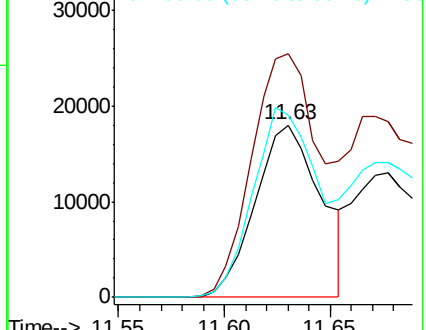
56 105.5 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.818 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

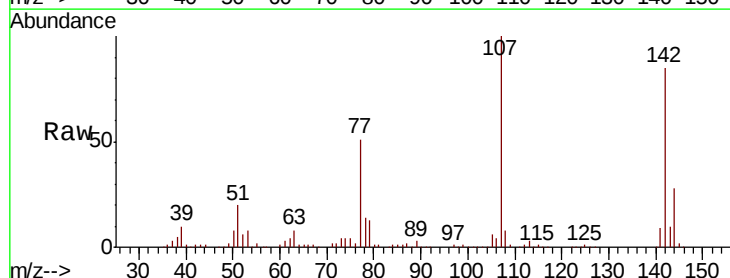
Tgt Ion:107 Resp: 228069

Ion Ratio Lower Upper

107 100

144 27.5 22.2 33.4

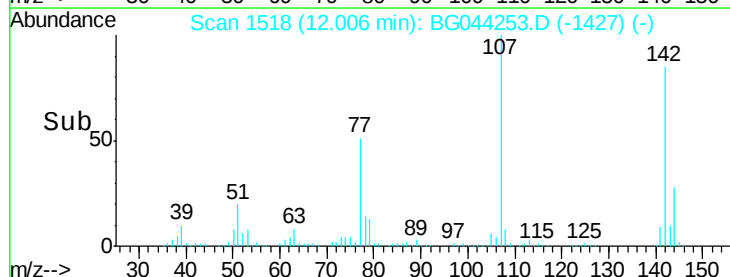
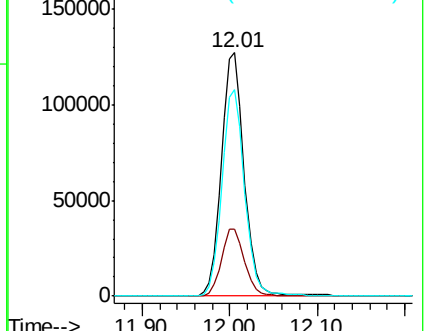
142 84.6 67.4 101.0

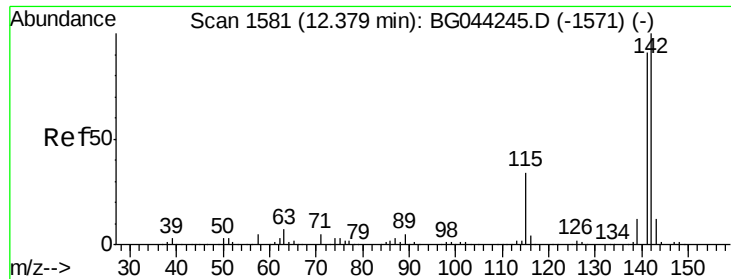


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

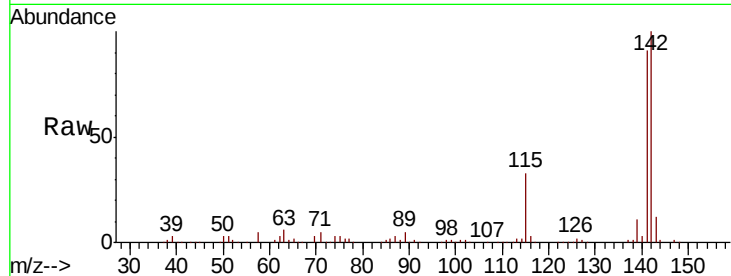




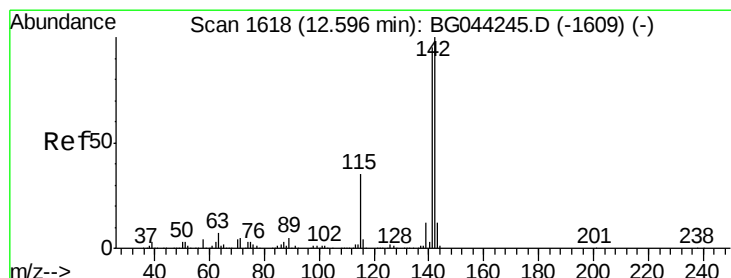
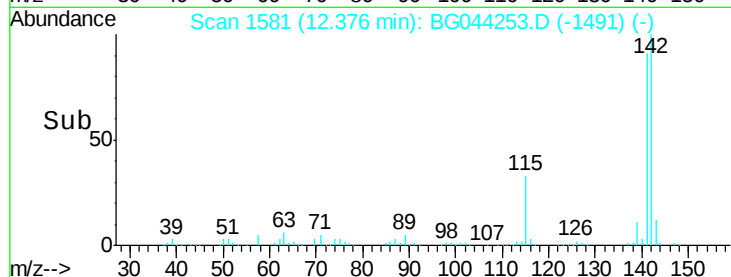
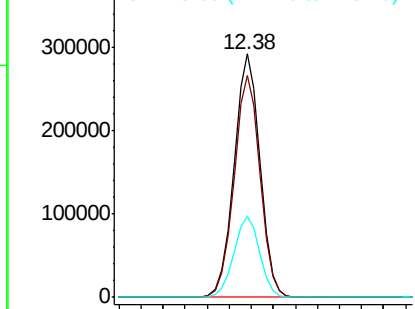
#37
2-Methylnaphthalene
Concen: 42.929 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.2	109.8
115	33.1	27.1	40.7

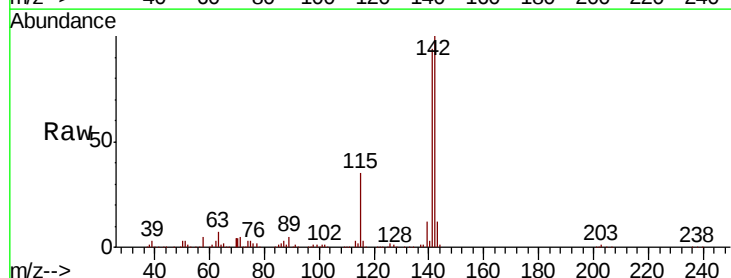


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

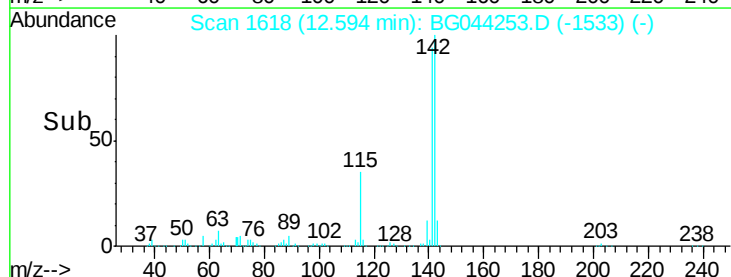
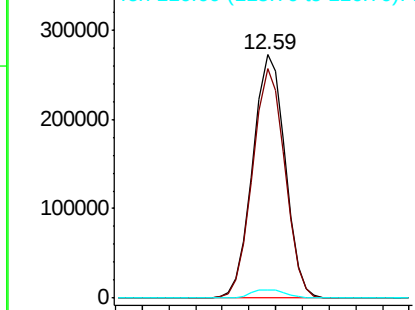


#38
1-Methylnaphthalene
Concen: 43.382 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.8	113.6
116	3.5	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

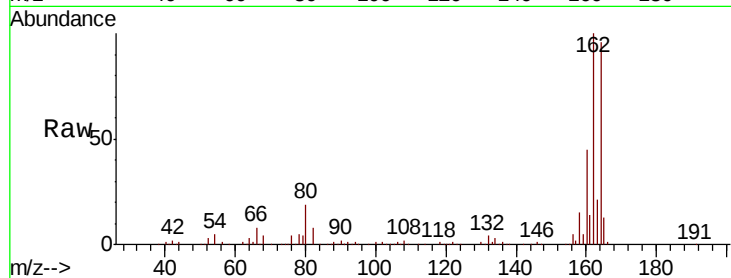
Tot Ion:164 Resp: 204800

Ion Ratio Lower Upper

164 100

162 103.7 80.7 121.1

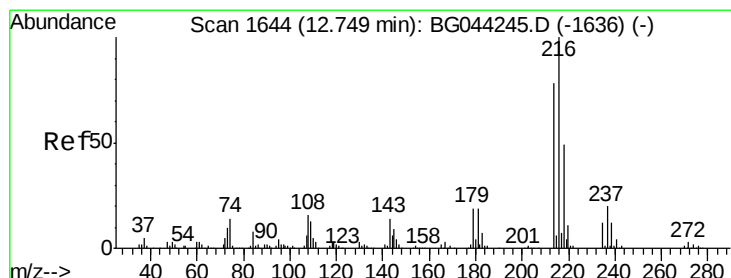
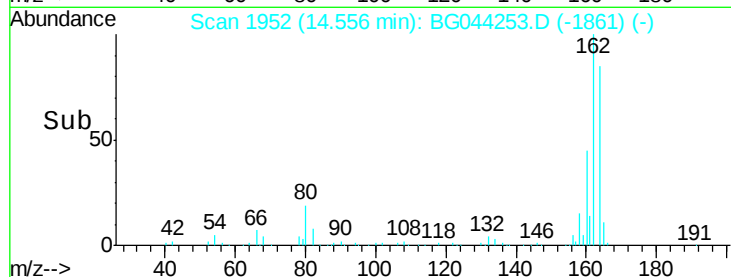
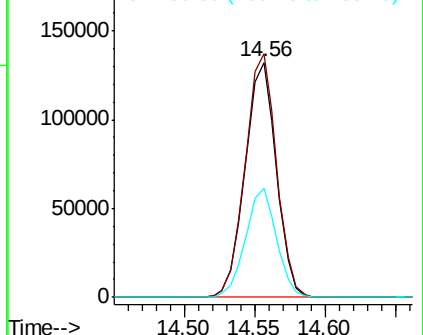
160 46.5 35.3 52.9



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: 38.529 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Tgt Ion:216 Resp: 236038

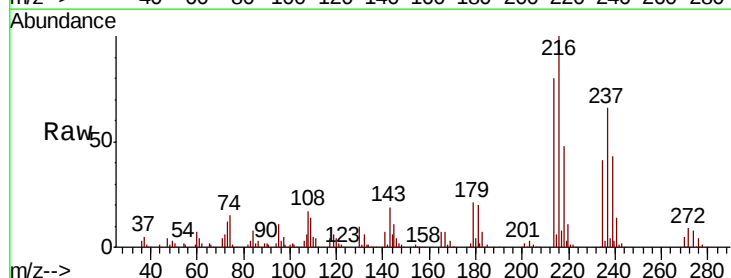
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 20.7 16.2 24.4

108 19.2 13.5 20.3

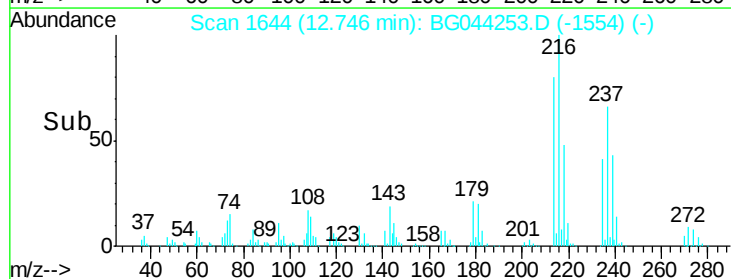
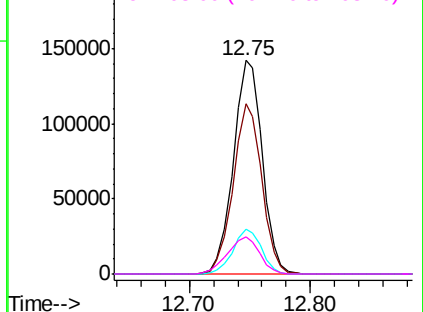


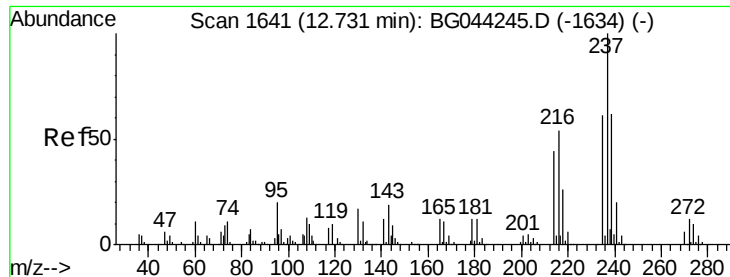
Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.107 ng

RT: 12.73 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

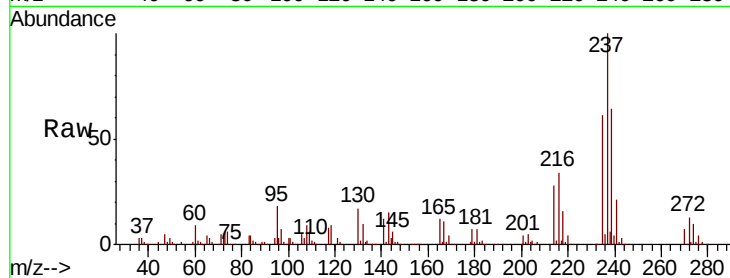
Tot Ion:237 Resp: 294270

Ion Ratio Lower Upper

237 100

235 60.7 41.2 81.2

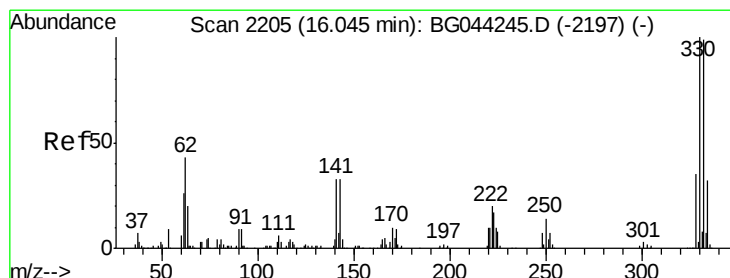
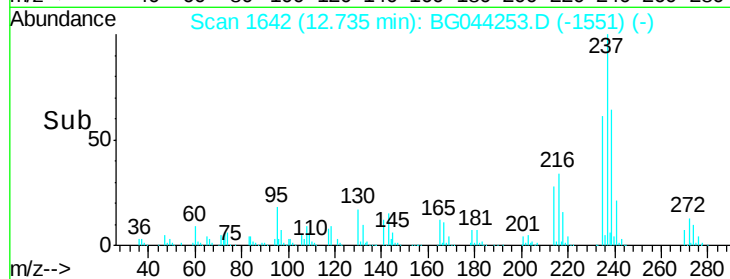
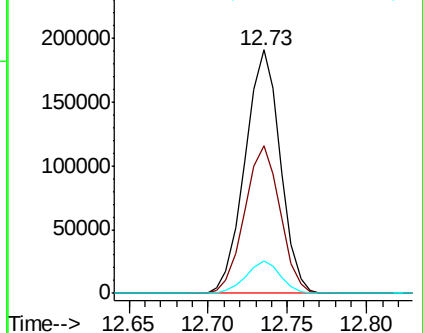
272 13.5 0.0 32.4



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: 125.442 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

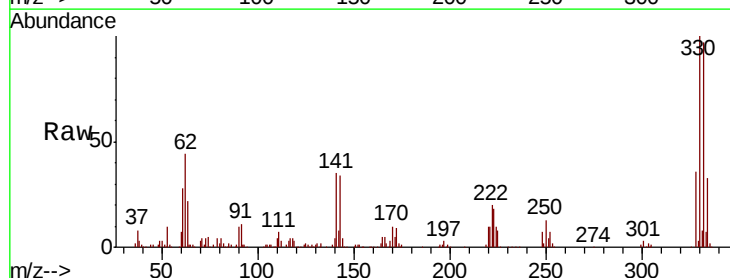
Tgt Ion:330 Resp: 301593

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

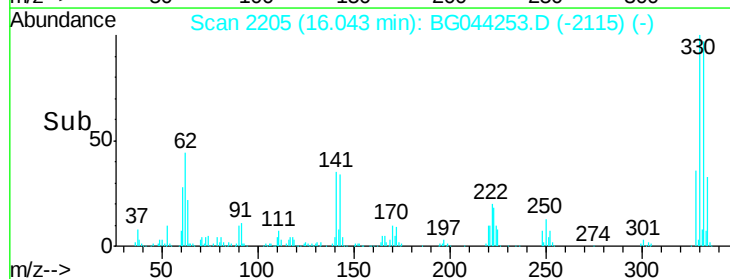
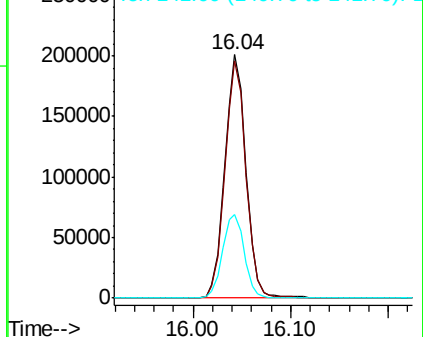
141 35.5 28.3 42.5



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

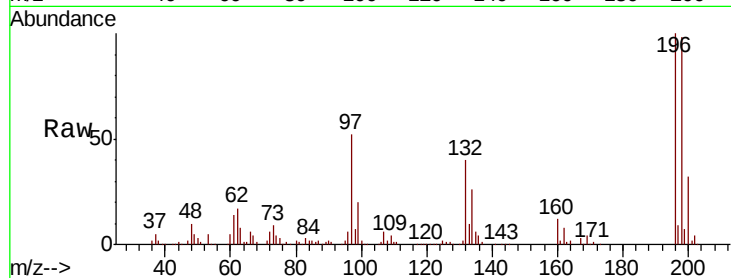




#43
 2,4,6-Trichlorophenol
 Concen: 42.185 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	167046
Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.3	118.9
200	31.9	25.7	38.5

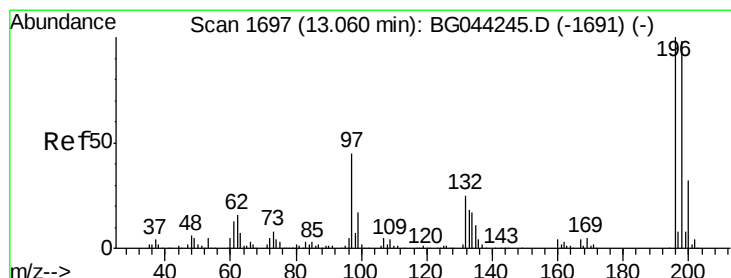
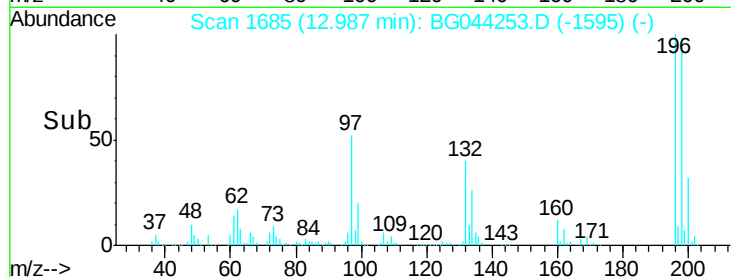
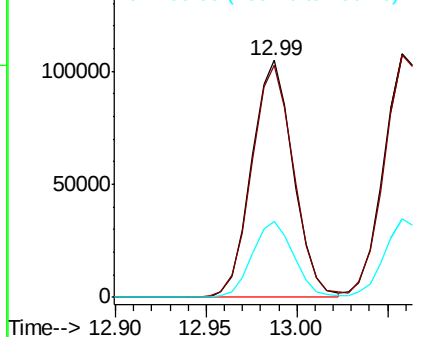


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.485 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion	196	Resp	183967
Ion	Ratio	Lower	Upper
196	100		
198	99.7	78.2	117.2
97	45.9	36.2	54.4
132	26.8	20.2	30.4

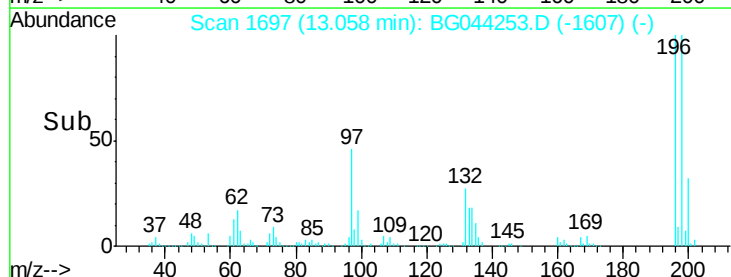
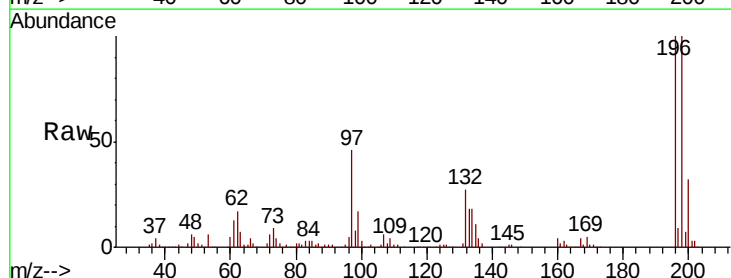
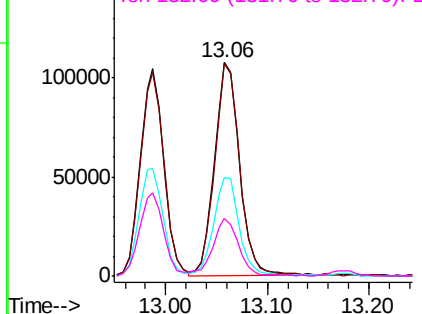
Abundance

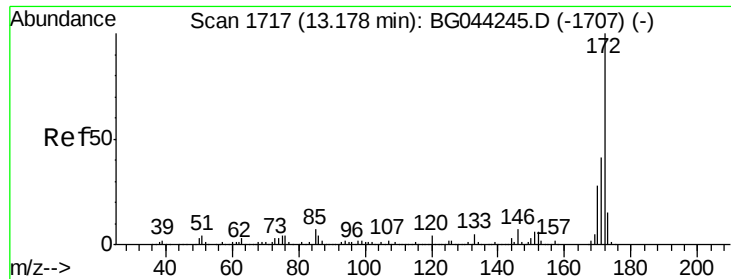
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

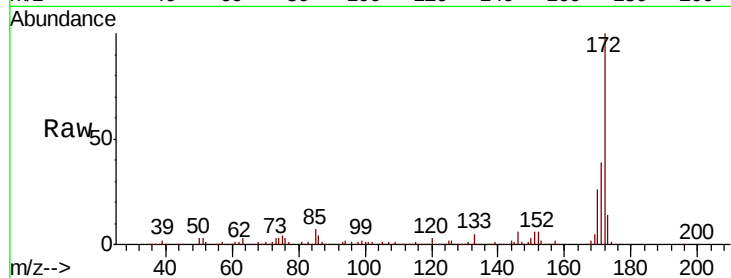




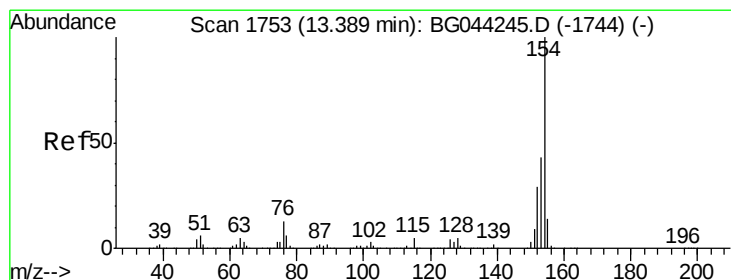
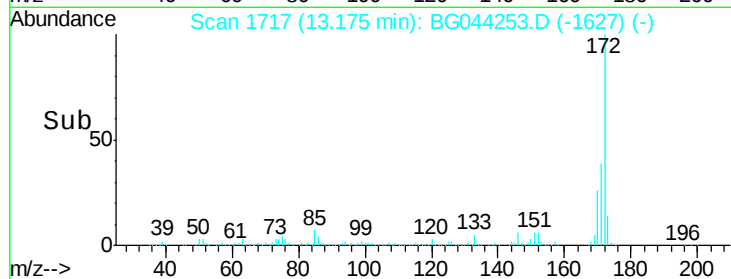
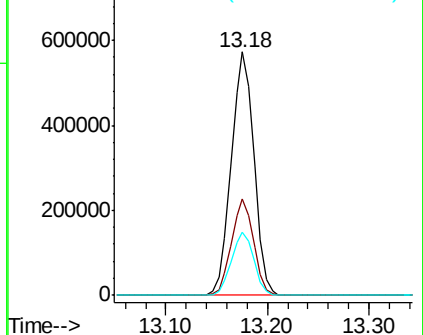
#45
2-Fluorobiphenyl
Concen: 72.407 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.9	49.3
170	26.2	22.0	33.0

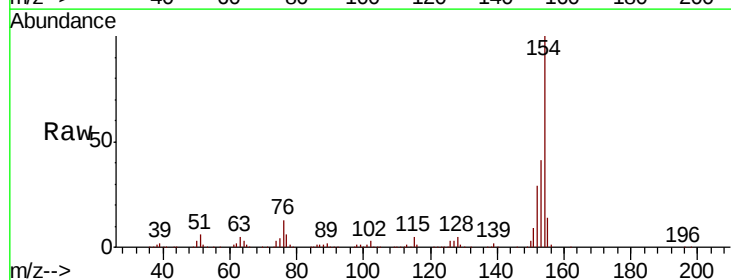


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

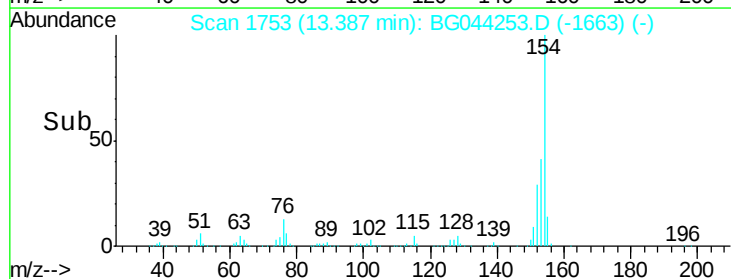
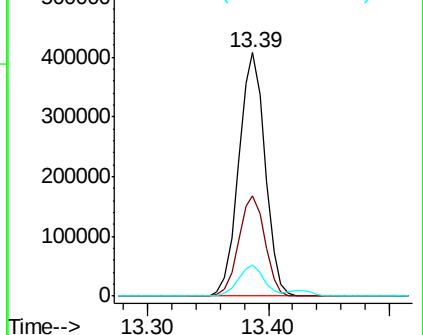


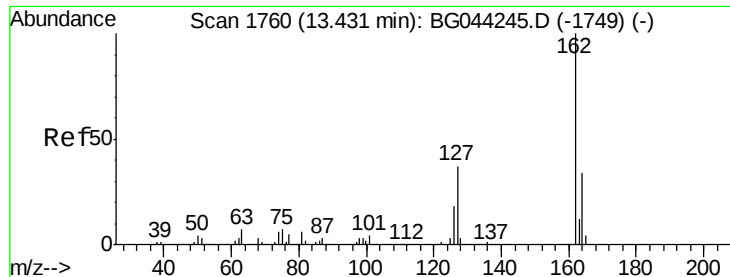
#46
1,1'-Biphenyl
Concen: 41.779 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.7	62.7
76	12.9	0.0	32.9



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

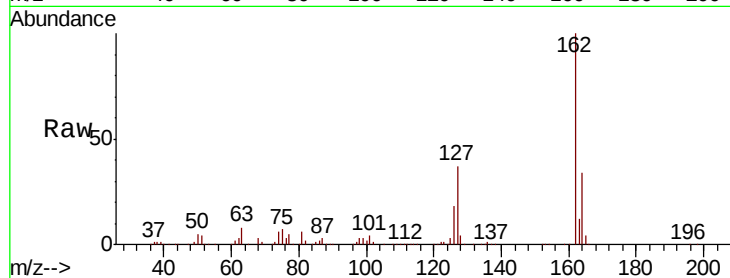




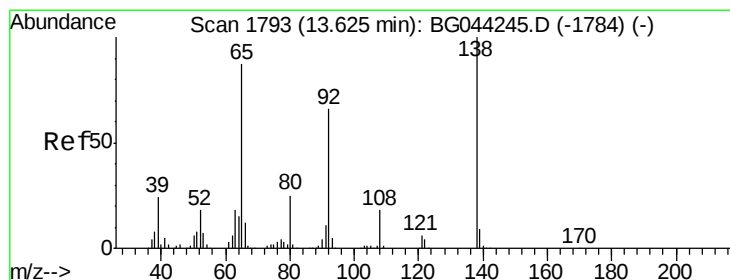
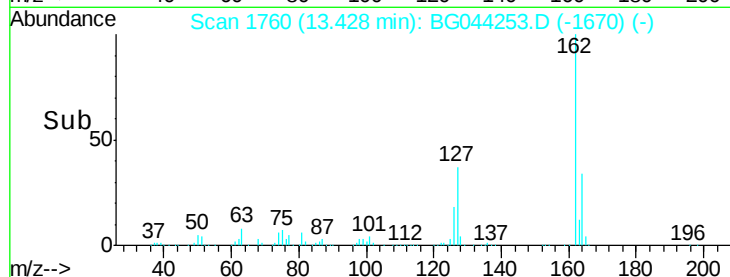
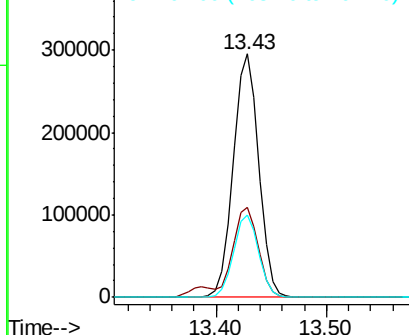
#47
2-Chloronaphthalene
Concen: 40.653 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.0	45.0
164	34.1	27.2	40.8

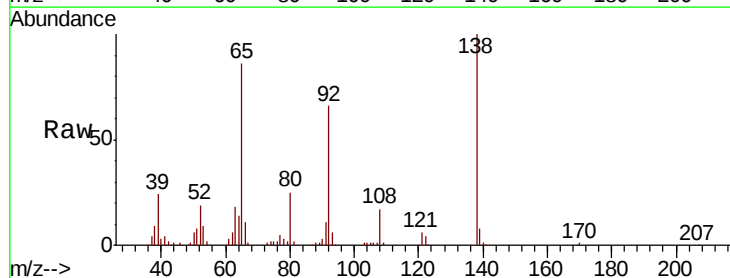


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

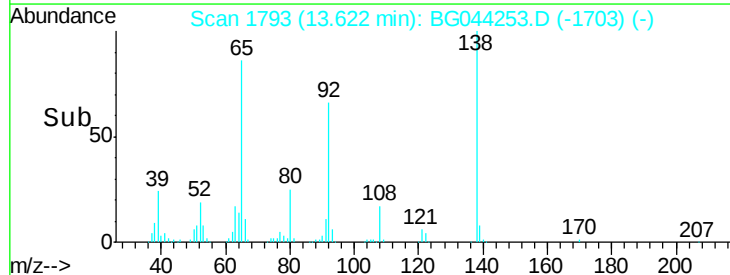
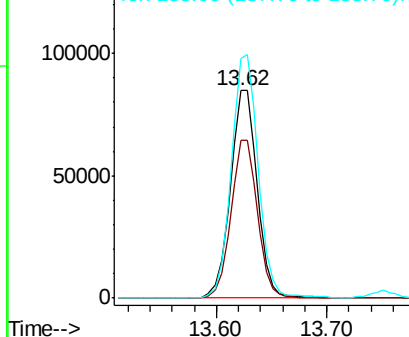


#48
2-Nitroaniline
Concen: 41.762 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	60.3	90.5
138	115.7	91.9	137.9



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





#49

Acenaphthylene

Concen: 44.284 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

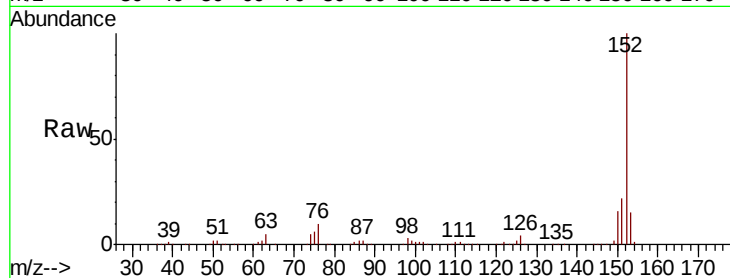
Tot Ion:152 Resp: 763533

Ion Ratio Lower Upper

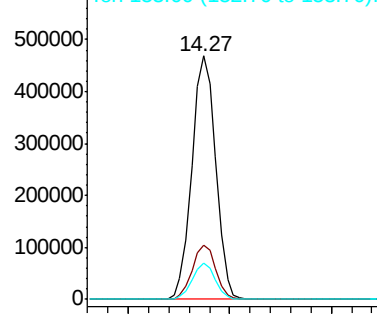
152 100

151 22.3 18.1 27.1

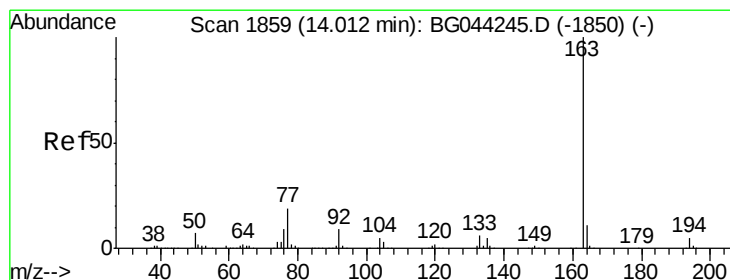
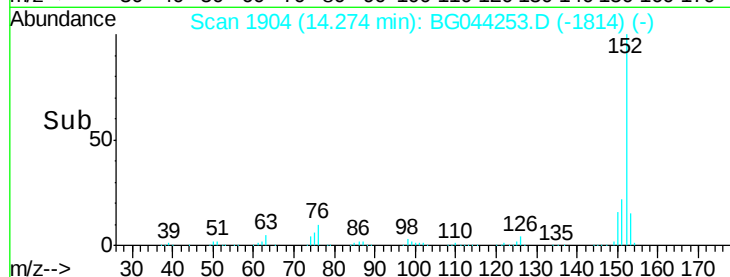
153 14.8 11.5 17.3



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



Time-->



#50

Dimethylphthalate

Concen: 43.508 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

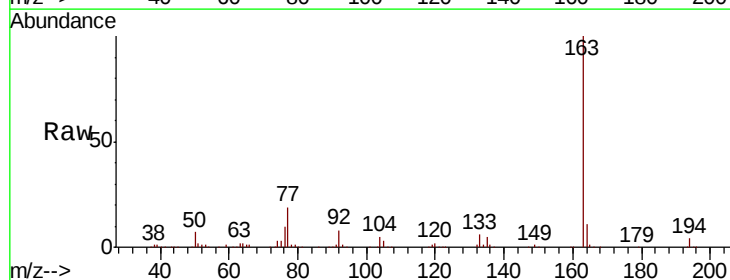
Tgt Ion:163 Resp: 640505

Ion Ratio Lower Upper

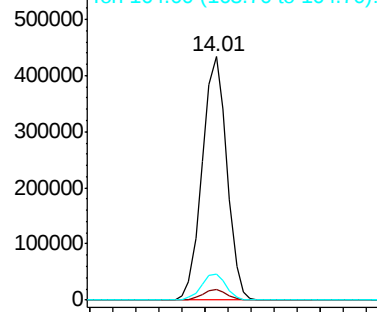
163 100

194 4.2 3.6 5.4

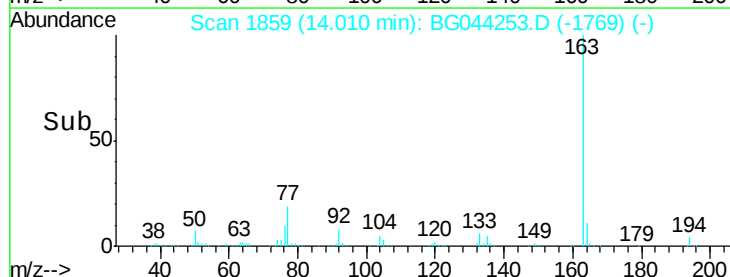
164 10.7 8.7 13.1

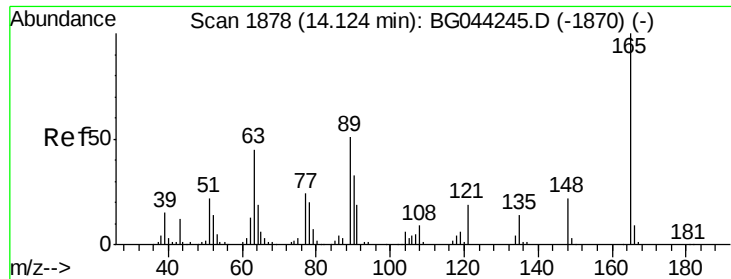


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

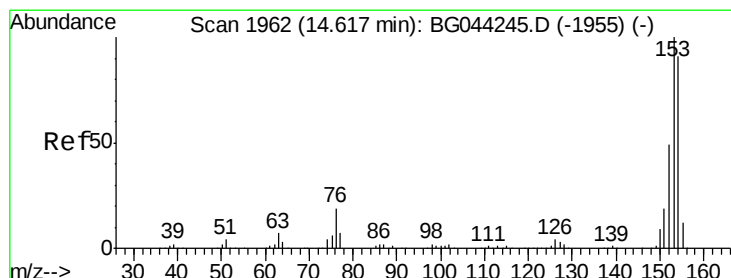
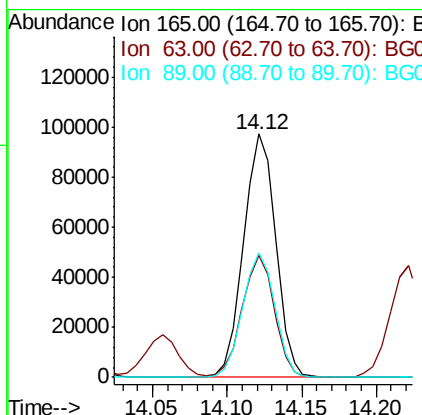
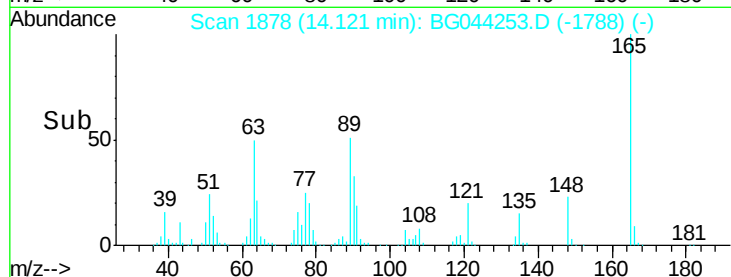
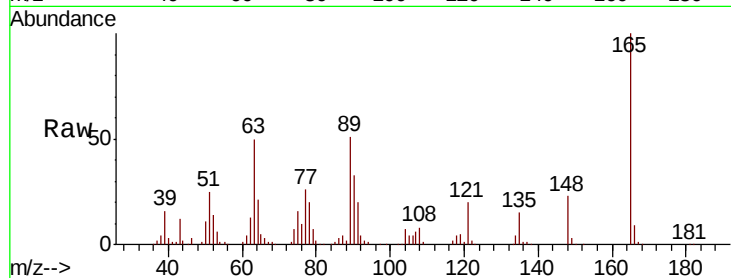




#51
 2,6-Dinitrotoluene
 Concen: 44.244 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

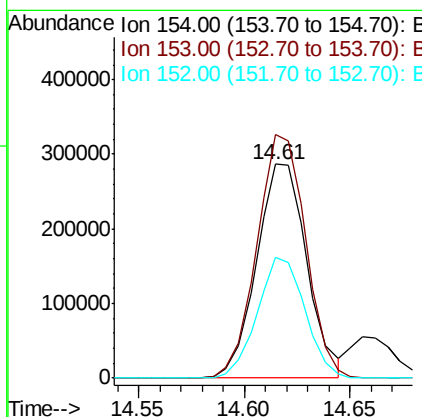
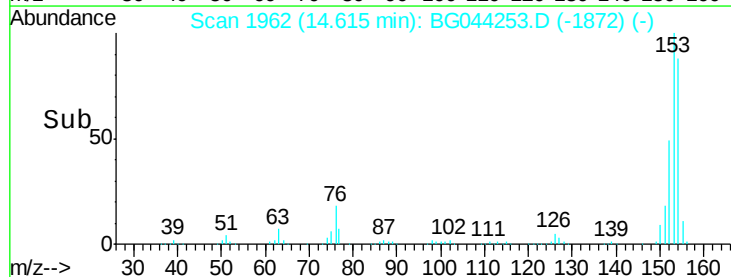
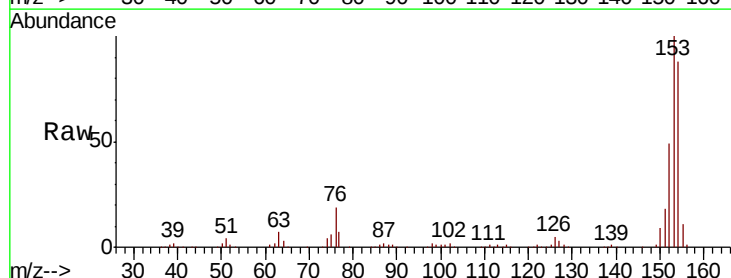
Instrument :
 BNA_G
 ClientSampleId :

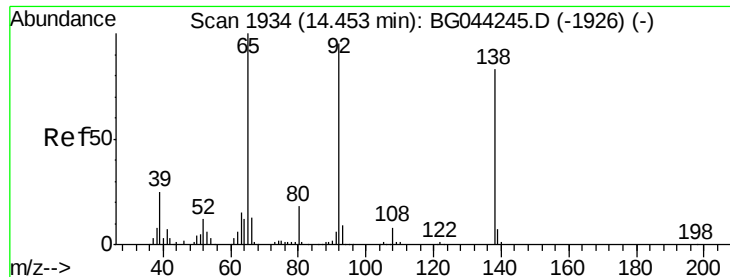
Tot Ion:165 Resp: 145229
 Ion Ratio Lower Upper
 165 100
 63 50.3 38.7 58.1
 89 51.4 40.4 60.6



#52
 Acenaphthene
 Concen: 42.394 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion:154 Resp: 473775
 Ion Ratio Lower Upper
 154 100
 153 114.0 87.9 131.9
 152 56.3 43.1 64.7

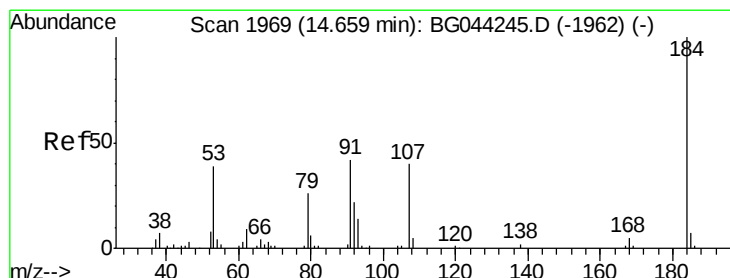
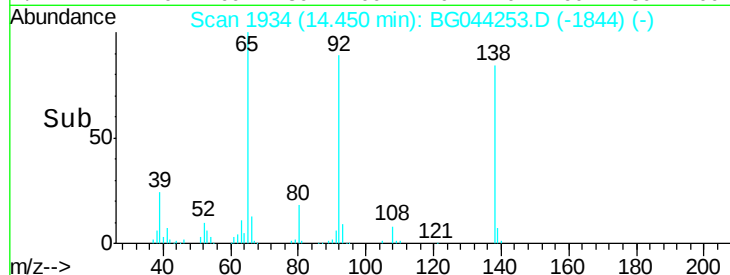
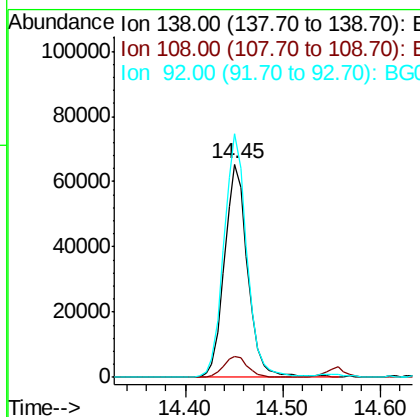
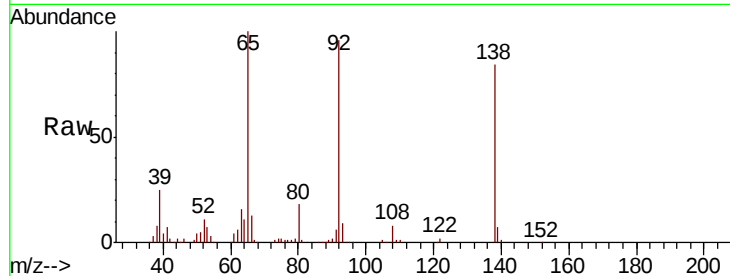




#53
 3-Nitroaniline
 Concen: 29.693 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

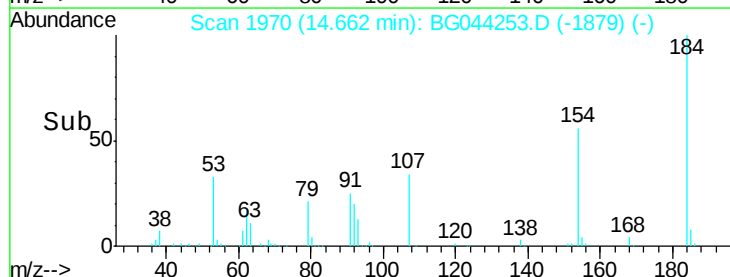
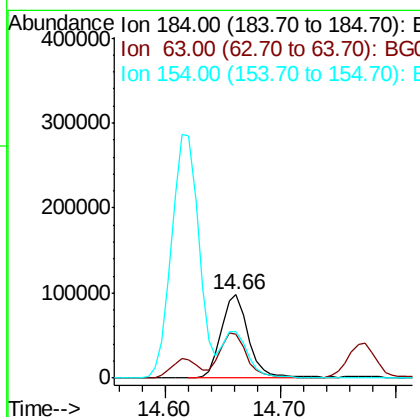
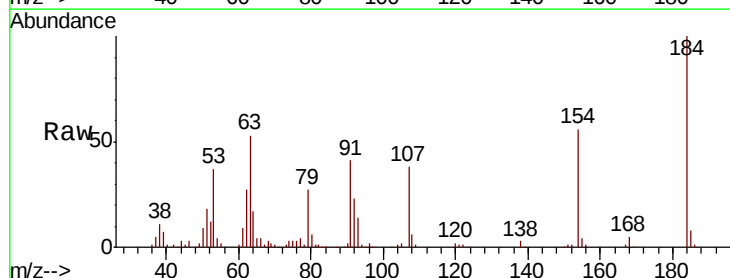
Instrument :
 BNA_G
 ClientSampleId :

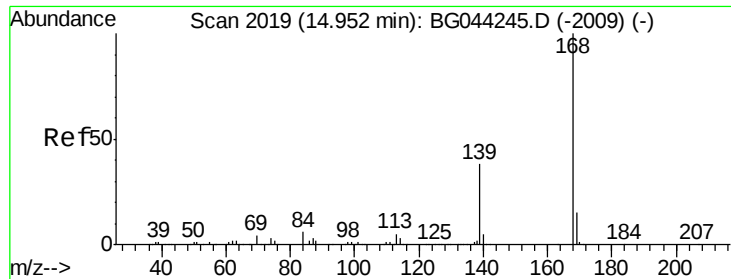
Tot Ion:138 Resp: 107831
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.9 11.9
 92 114.2 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 83.246 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion:184 Resp: 162577
 Ion Ratio Lower Upper
 184 100
 63 53.3 44.1 66.1
 154 55.6 45.4 68.0

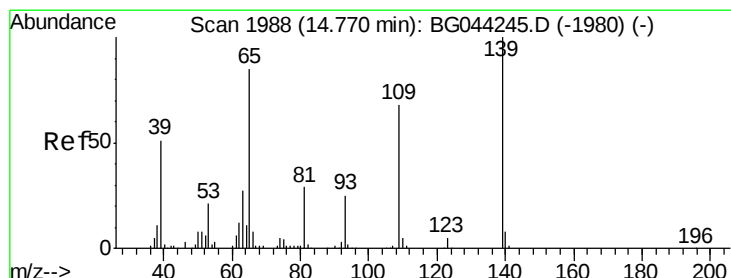
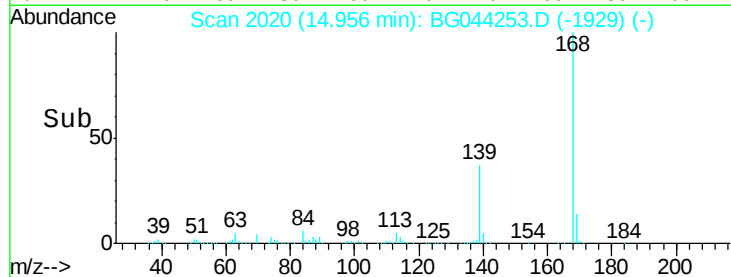
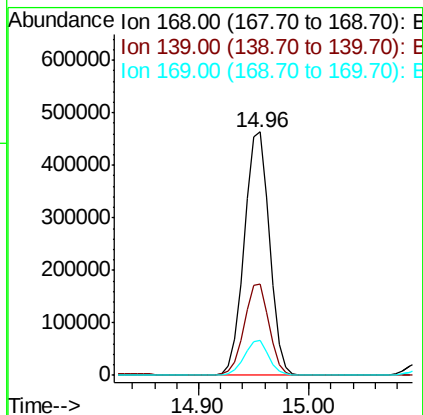
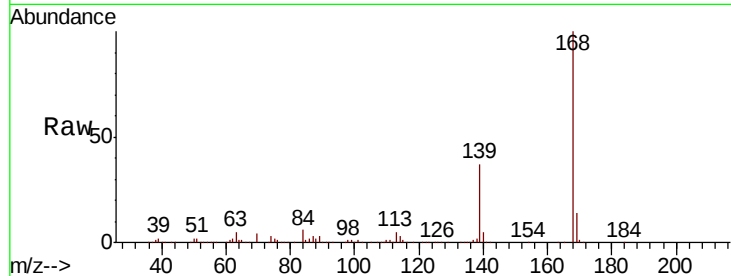




#55
 Dibenzofuran
 Concen: 44.064 ng
 RT: 14.96 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

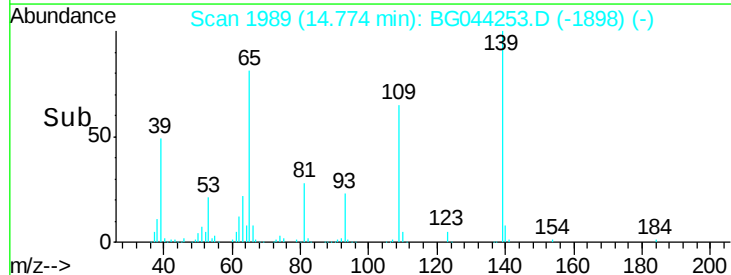
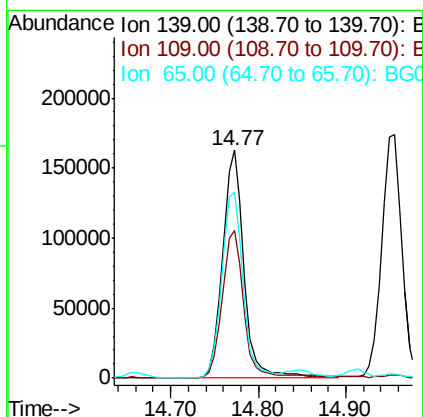
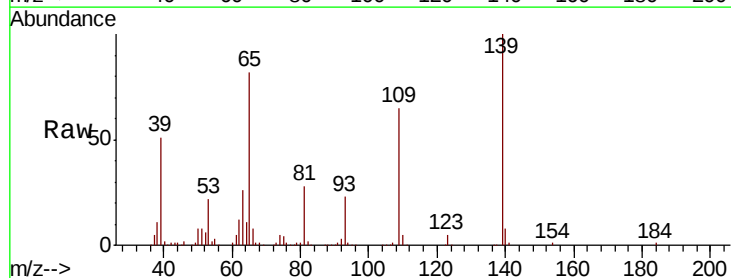
Instrument :
 BNA_G
 ClientSampleId :

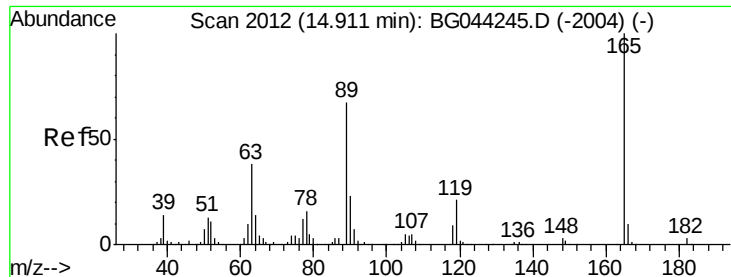
Tot Ion:168 Resp: 745576
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.5 45.7
 169 14.3 11.7 17.5



#56
 4-Nitrophenol
 Concen: 103.790 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion:139 Resp: 276091
 Ion Ratio Lower Upper
 139 100
 109 64.7 47.5 87.5
 65 81.6 64.9 104.9

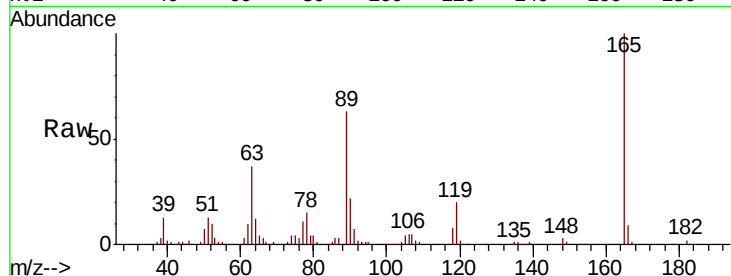




#57
2,4-Dinitrotoluene
Concen: 45.181 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.5	30.3	45.5
89	62.7	53.4	80.2
182	2.5	2.1	3.1



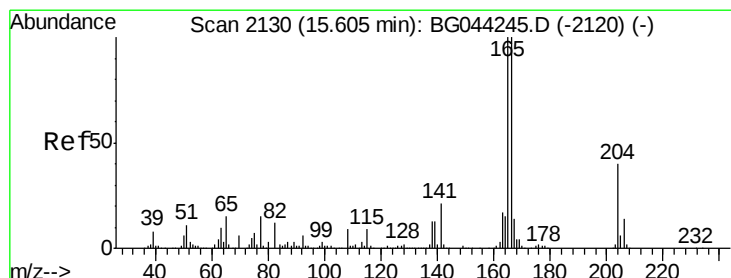
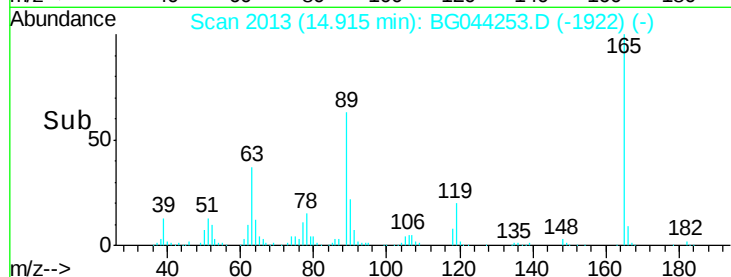
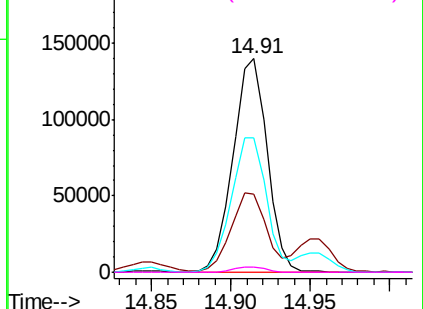
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

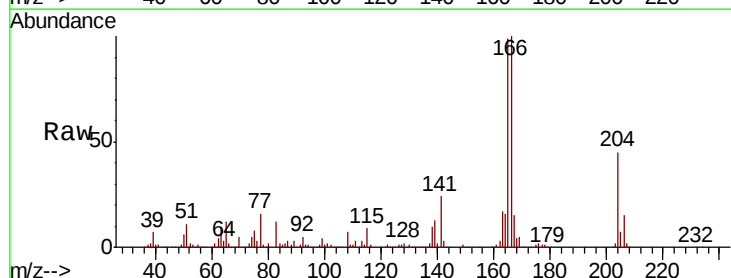
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.433 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.9	119.9
167	14.6	11.4	17.0

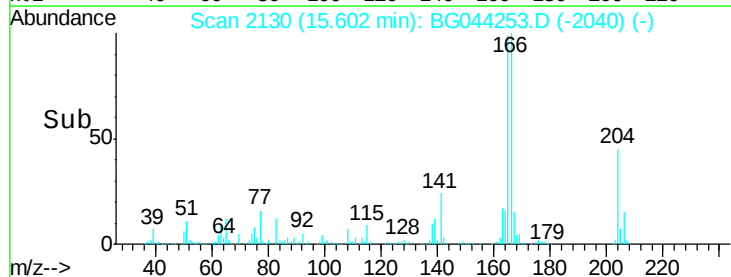
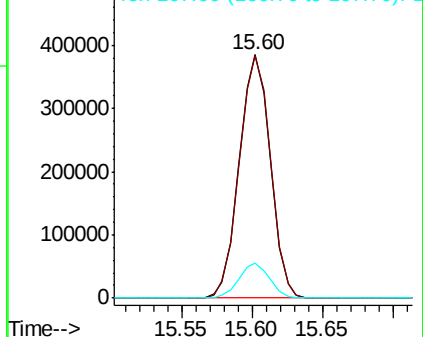


Abundance

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

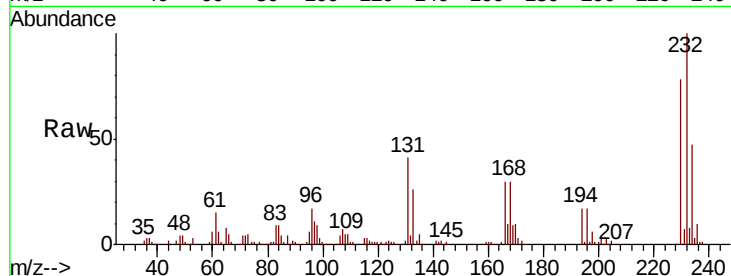




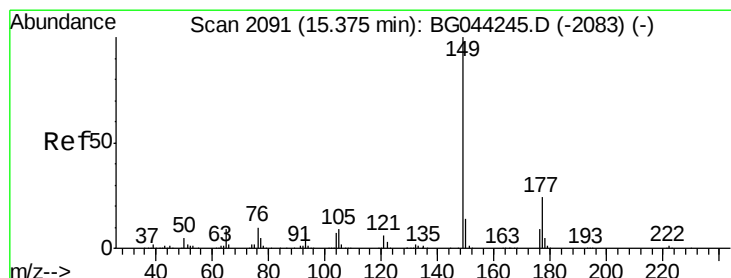
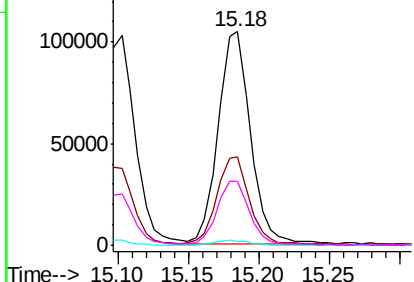
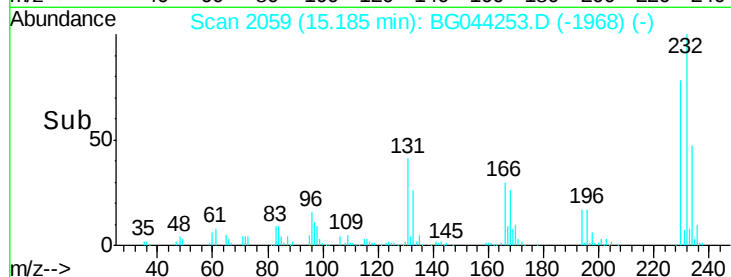
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.586 ng
 RT: 15.18 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 166541
 Ion Ratio Lower Upper
 232 100
 131 42.3 34.2 51.4
 130 2.4 1.8 2.8
 166 30.3 23.8 35.8

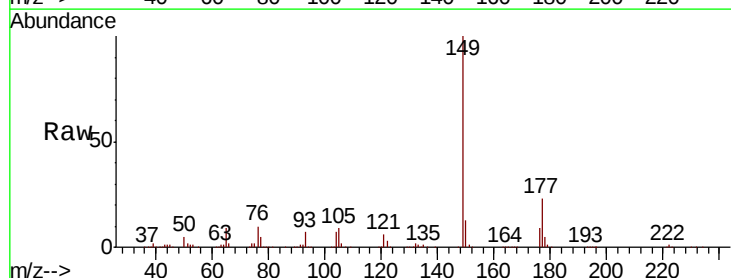


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

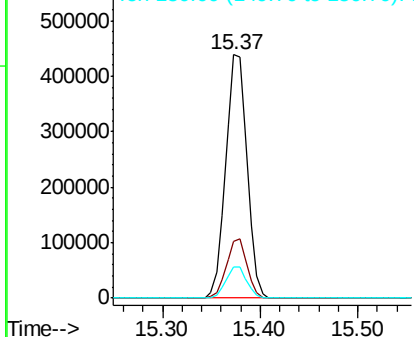
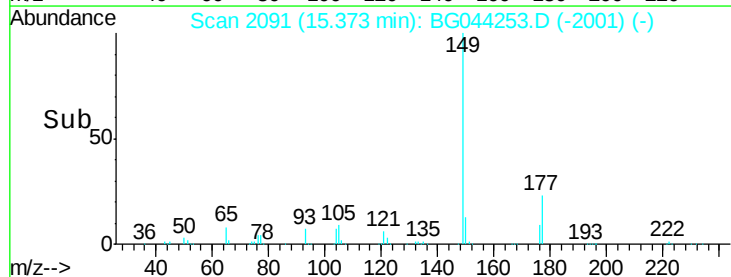


#60
 Diethylphthalate
 Concen: 45.113 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion:149 Resp: 661764
 Ion Ratio Lower Upper
 149 100
 177 23.5 19.4 29.0
 150 13.0 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

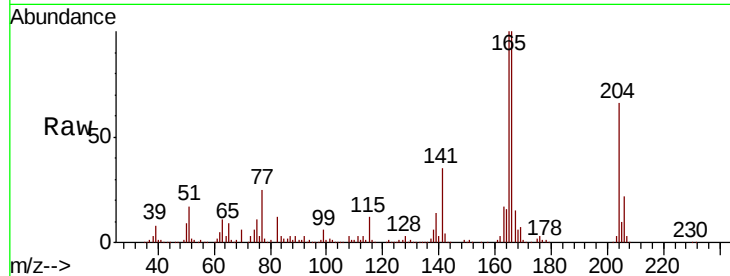




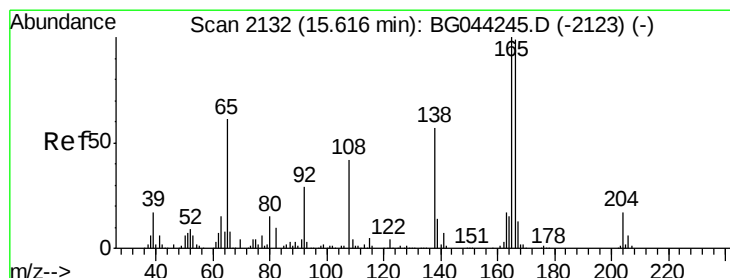
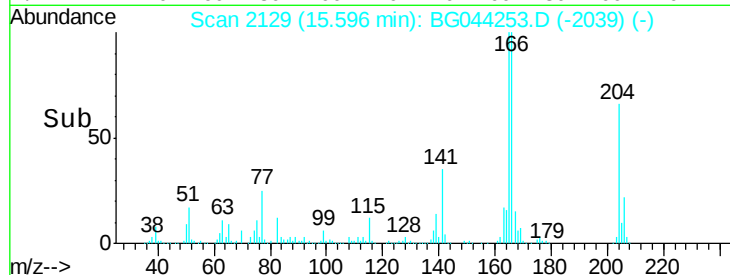
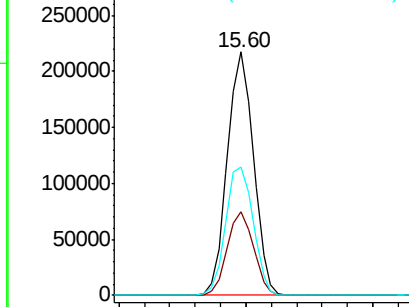
#61
4-Chlorophenyl-phenylether
Concen: 42.941 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 310289
Ion Ratio Lower Upper
204 100
206 34.3 27.6 41.4
141 52.7 43.4 65.0

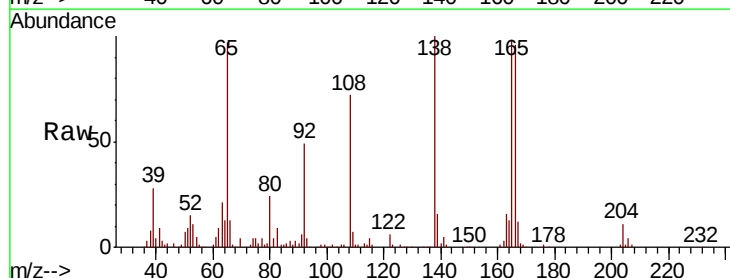


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

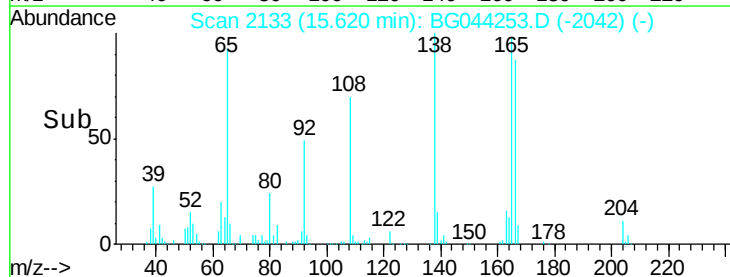
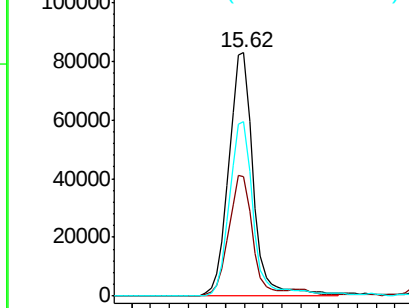


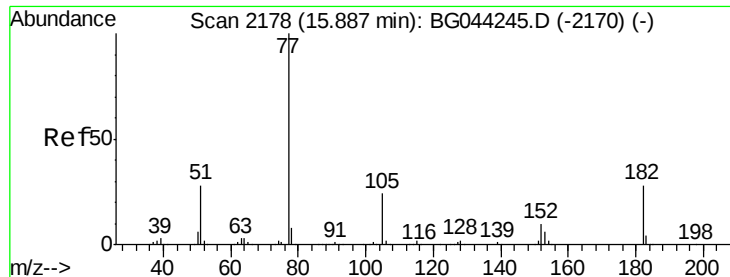
#62
4-Nitroaniline
Concen: 41.622 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion:138 Resp: 151034
Ion Ratio Lower Upper
138 100
92 49.1 31.3 71.3
108 71.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 45.088 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

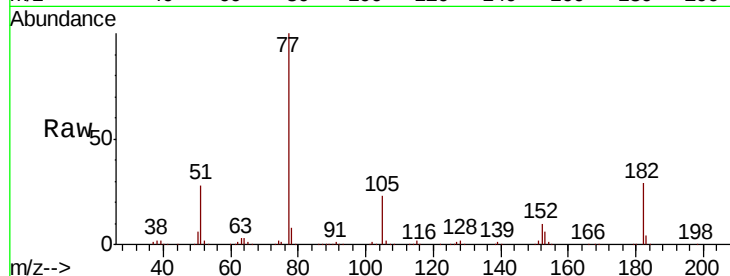
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 579667

Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.2	48.2
105	22.9	3.6	43.6
51	28.1	8.3	48.3

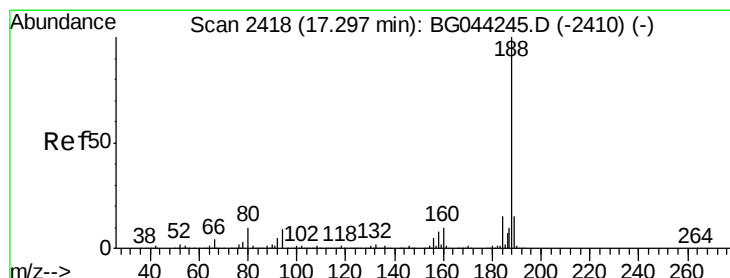
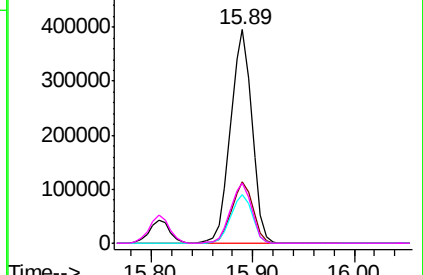
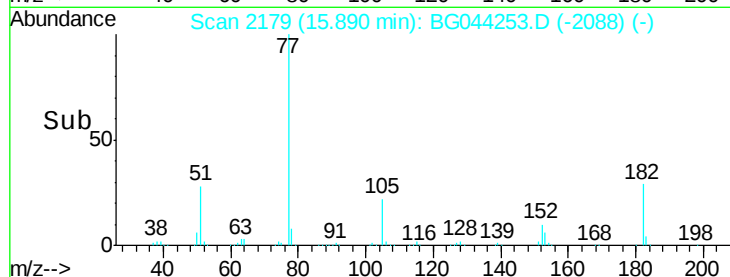


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

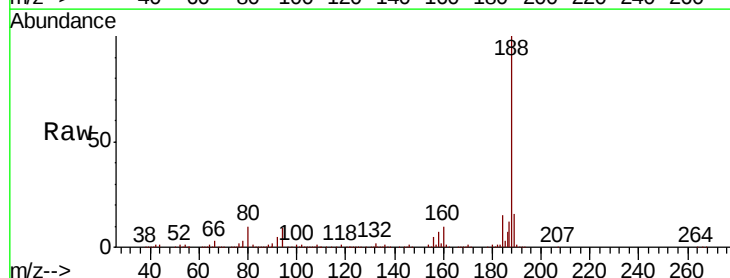
Delta R.T. 0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Tgt Ion: 188 Resp: 478737

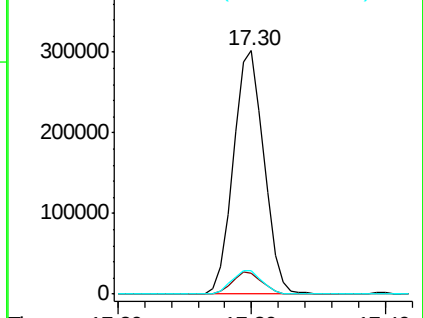
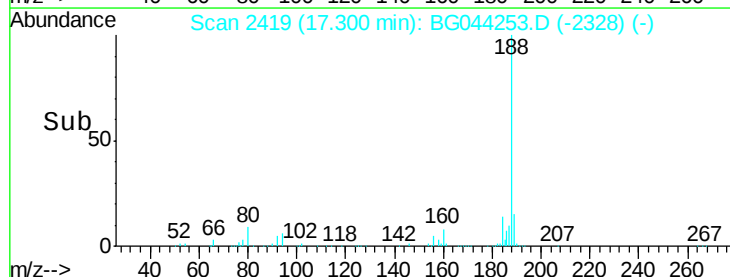
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.6	7.7	11.5

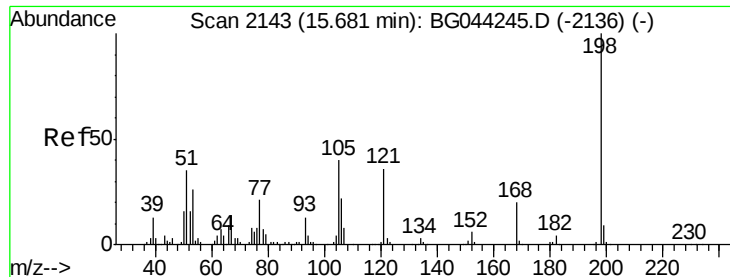


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.509 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

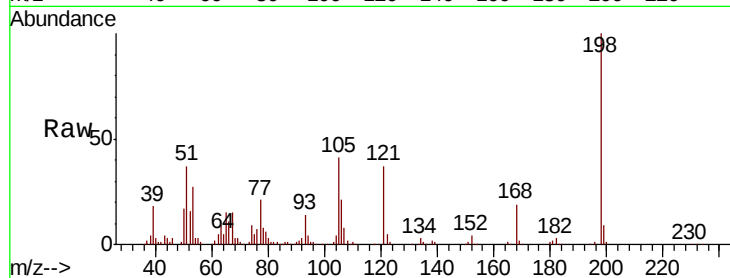
Tot Ion:198 Resp: 125549

Ion	Ratio	Lower	Upper
198	100		
51	36.8	16.6	56.6
105	41.4	20.6	60.6

198 100

51 36.8 16.6 56.6

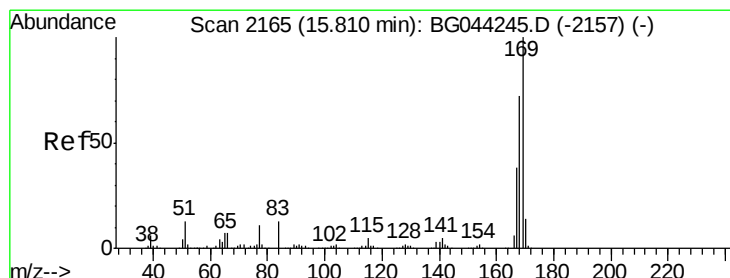
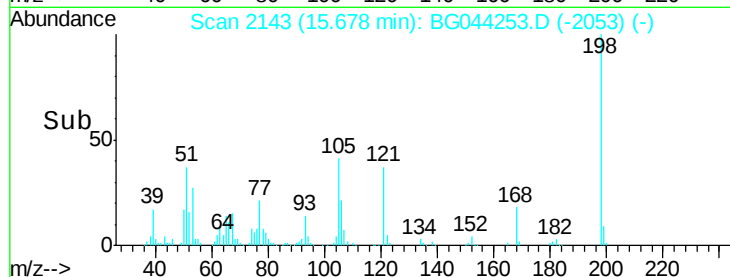
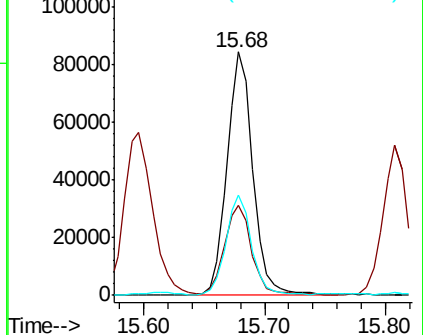
105 41.4 20.6 60.6



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: 42.101 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

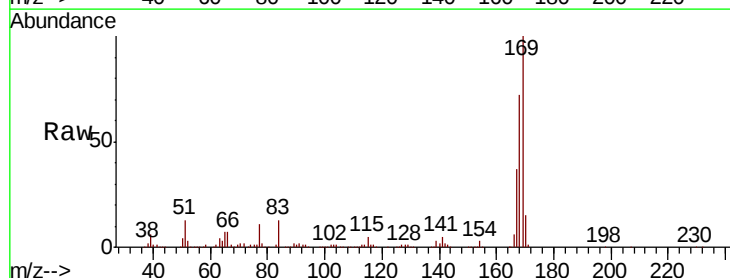
Tgt Ion:169 Resp: 564835

Ion	Ratio	Lower	Upper
169	100		
168	72.0	57.9	86.9
167	37.4	30.7	46.1

169 100

168 72.0 57.9 86.9

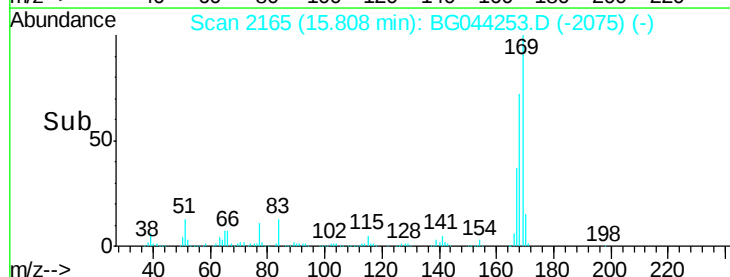
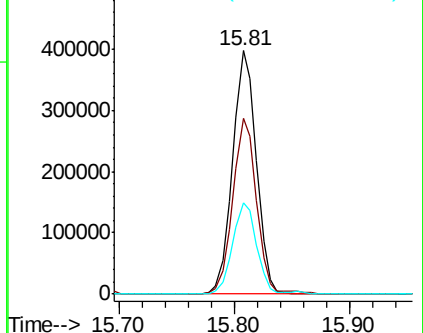
167 37.4 30.7 46.1

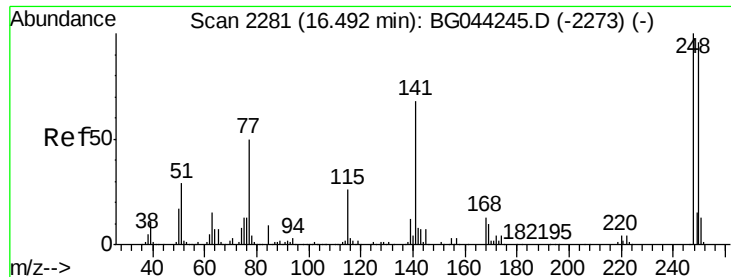


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

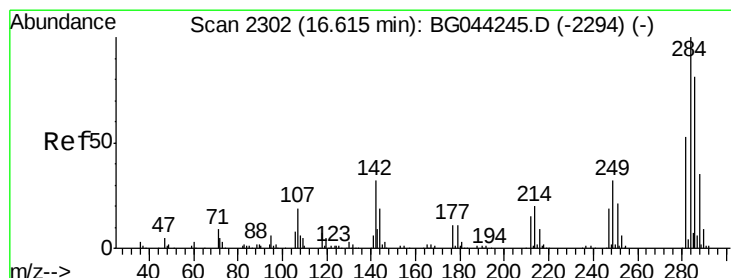
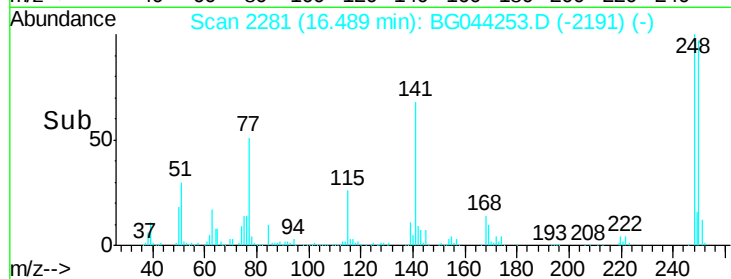
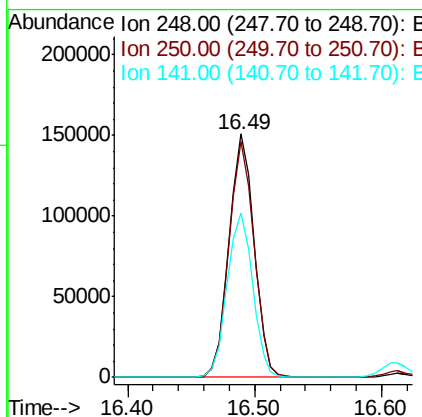
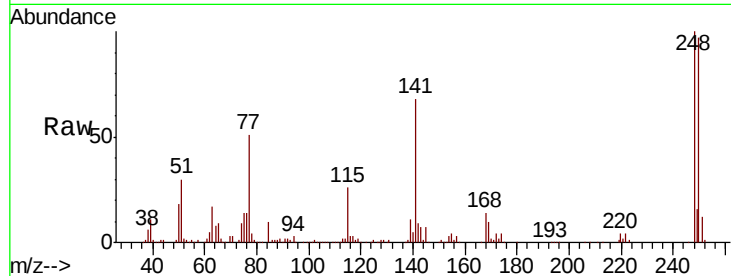




#67
 4-Bromophenyl-phenylether
 Concen: 39.498 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

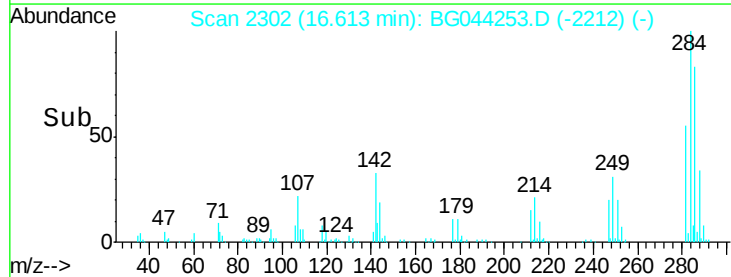
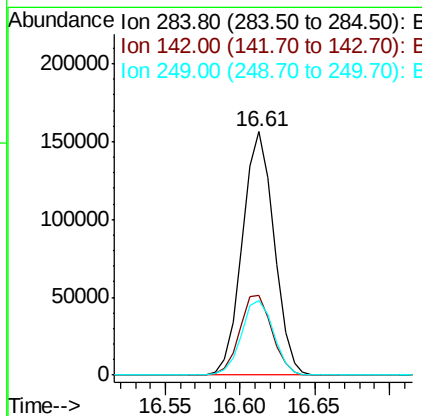
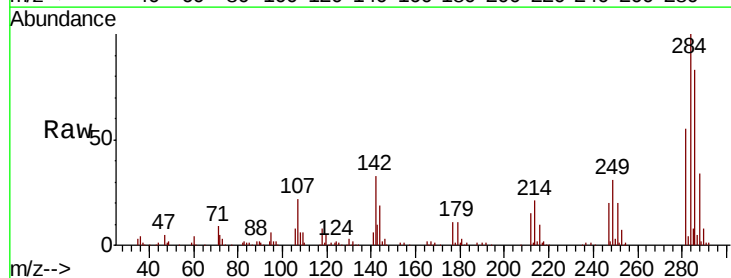
Instrument :
 BNA_G
 ClientSampleId :

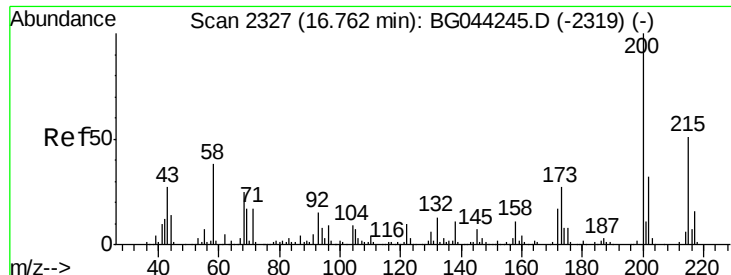
Tot Ion:248 Resp: 206015
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.6 114.8
 141 67.7 54.7 82.1



#68
 Hexachlorobenzene
 Concen: 39.279 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion:284 Resp: 229524
 Ion Ratio Lower Upper
 284 100
 142 32.8 25.3 37.9
 249 30.6 25.5 38.3

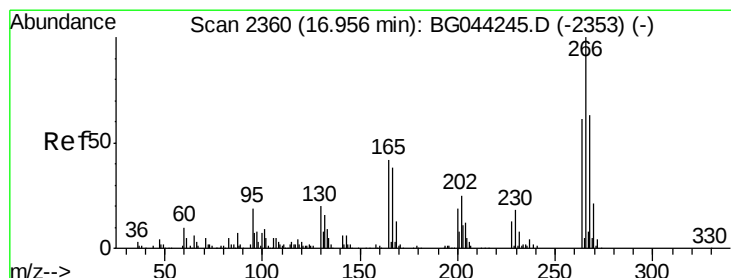
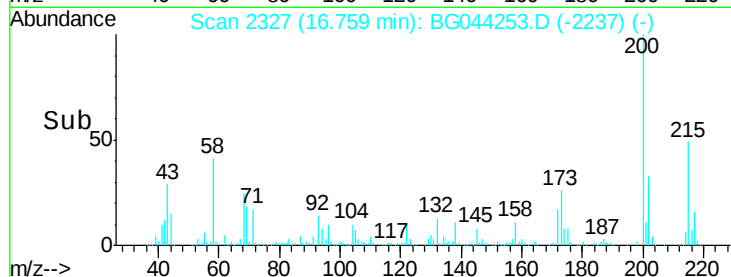
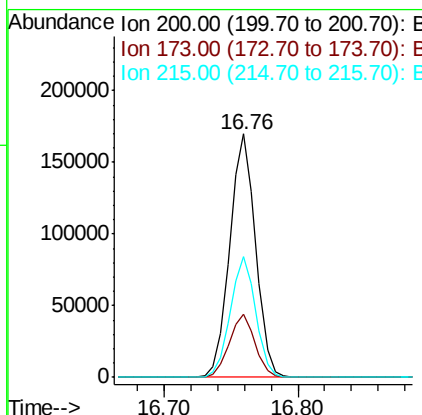
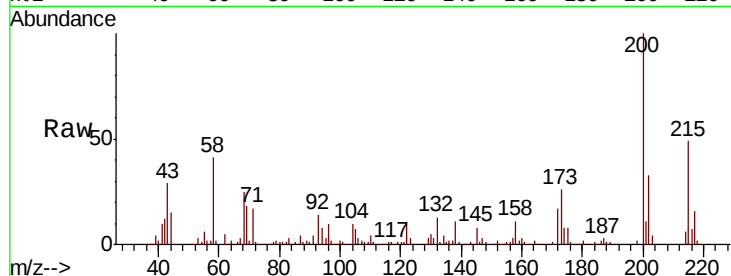




#69
Atrazine
Concen: 49.985 ng
RT: 16.76 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

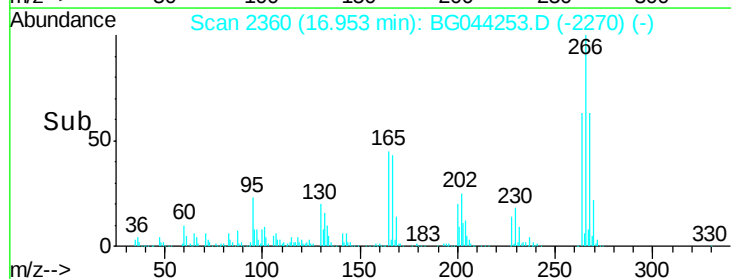
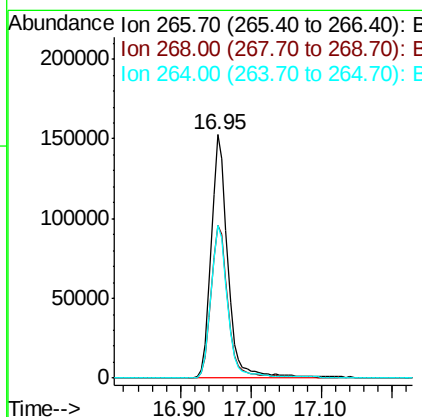
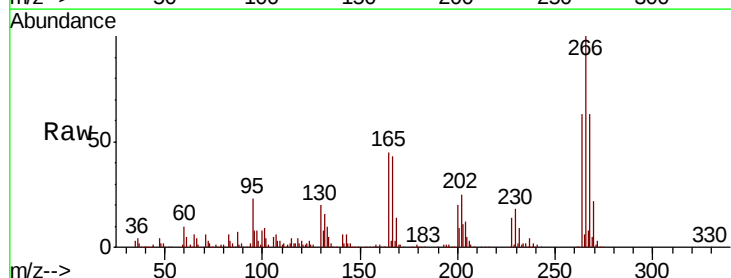
Instrument :
BNA_G
ClientSampled :

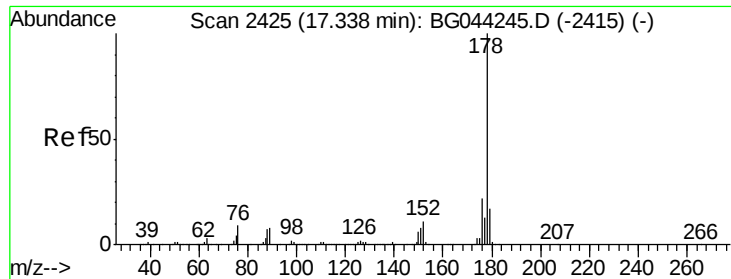
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.6	46.6
215	49.4	31.0	71.0



#70
Pentachlorophenol
Concen: 85.398 ng
RT: 16.95 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.6	75.8
264	62.9	48.7	73.1

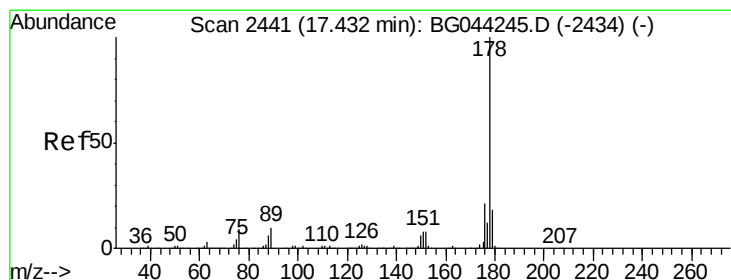
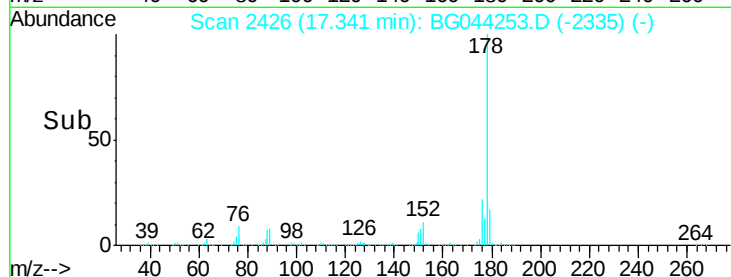
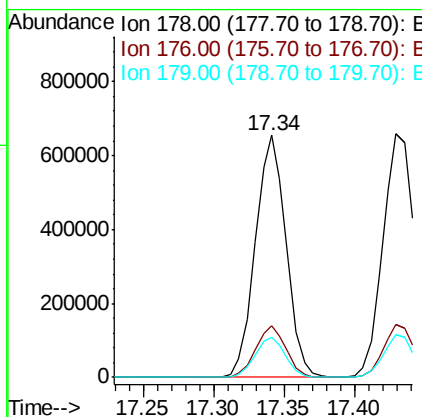
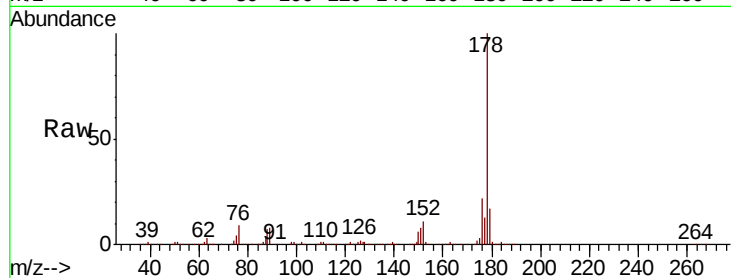




#71
Phenanthrene
Concen: 43.109 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

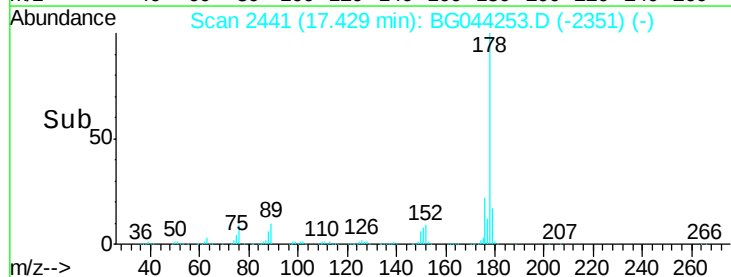
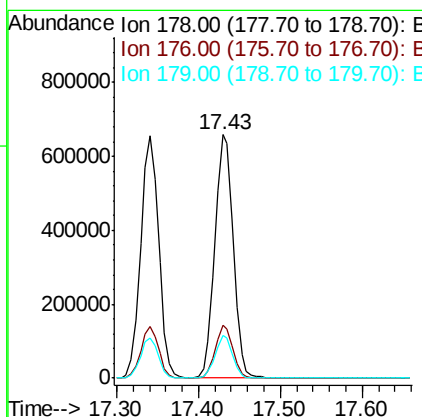
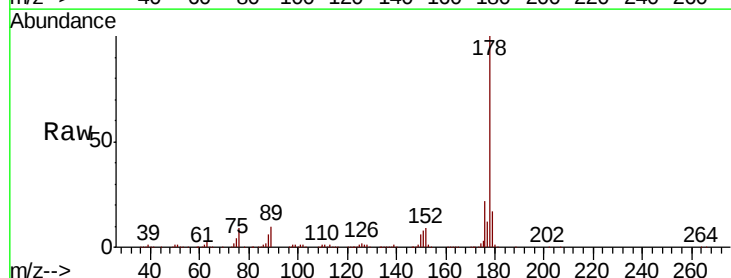
Instrument :
BNA_G
ClientSampleId :

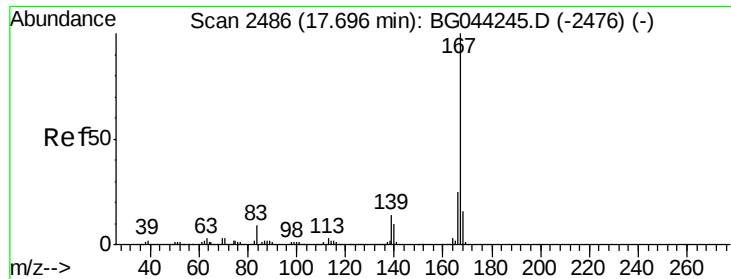
Tot Ion:178 Resp: 999355
Ion Ratio Lower Upper
178 100
176 21.6 17.7 26.5
179 16.7 13.7 20.5



#72
Anthracene
Concen: 45.110 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion:178 Resp: 1033888
Ion Ratio Lower Upper
178 100
176 21.8 17.0 25.4
179 17.3 14.4 21.6

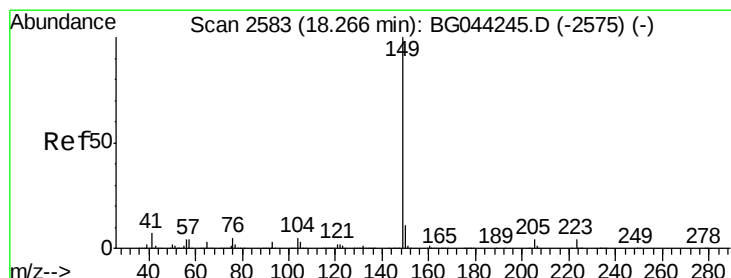
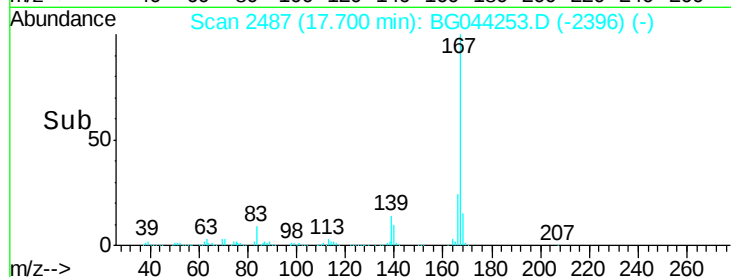
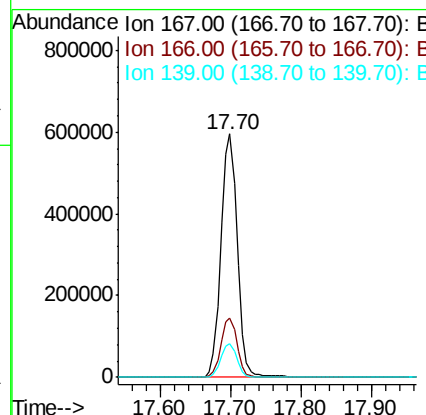
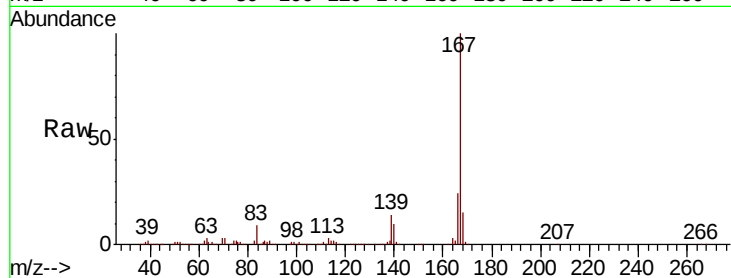




#73
 Carbazole
 Concen: 45.498 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

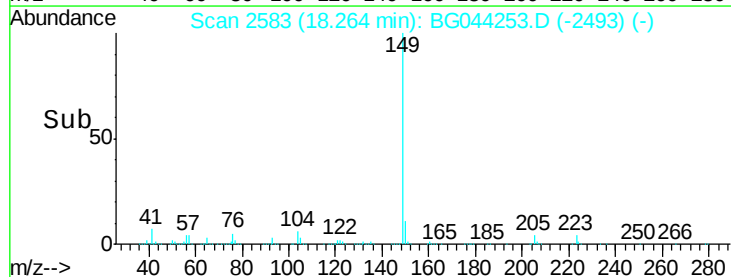
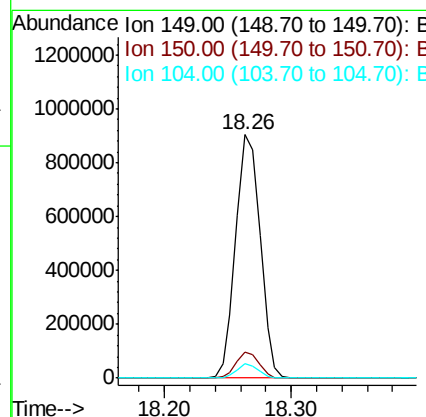
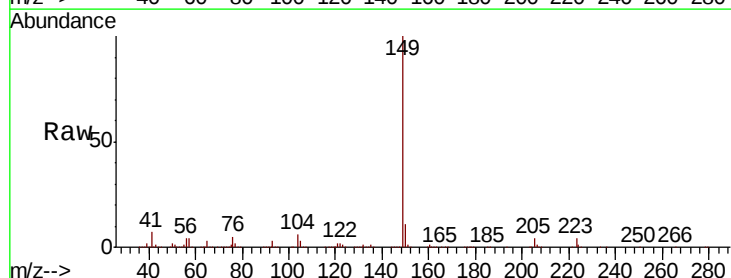
Instrument :
 BNA_G
 ClientSampleId :

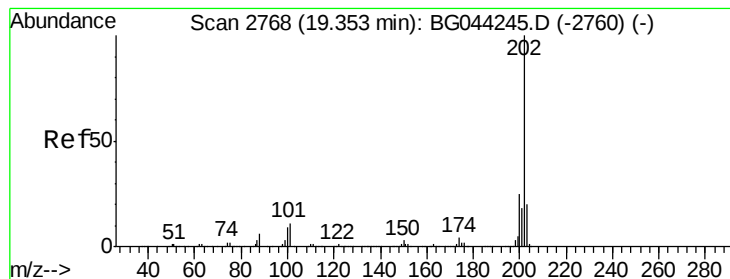
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.8	29.6
139	13.6	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 46.316 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.7	13.1
104	5.8	4.3	6.5





#75

Fluoranthene

Concen: 46.688 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampled :

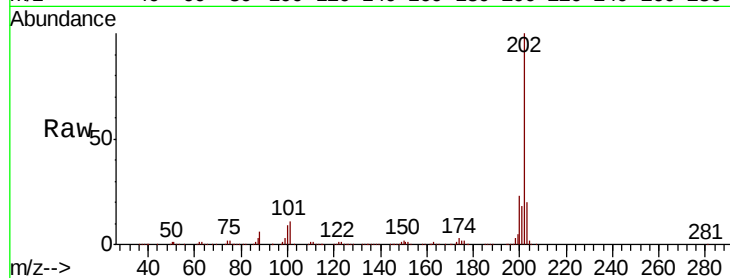
Tot Ion:202 Resp: 1252040

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

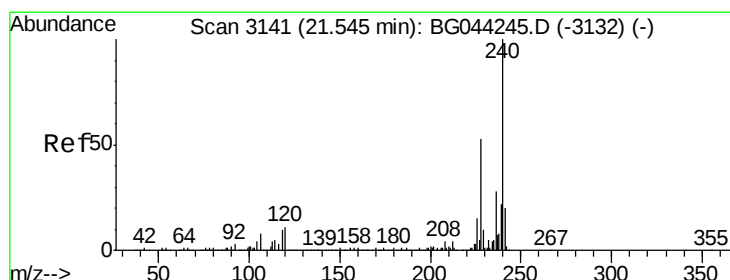
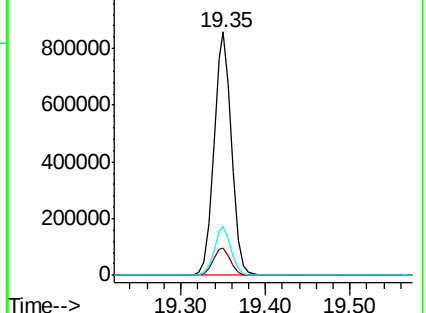
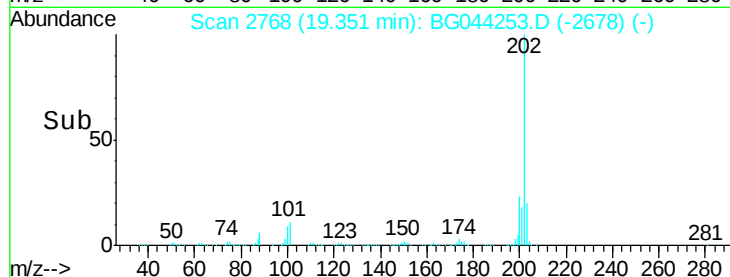
203 20.2 0.0 39.9



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: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

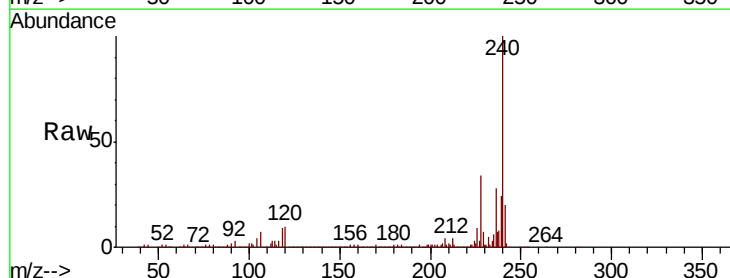
Tgt Ion:240 Resp: 459989

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

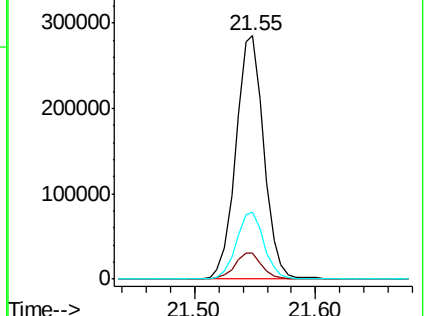
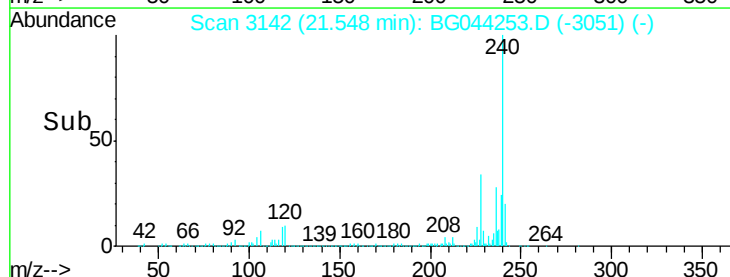
236 27.7 22.1 33.1



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: 50.692 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampleId :

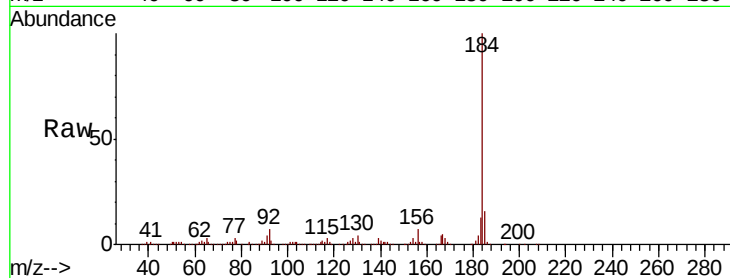
Tot Ion:184 Resp: 646782

Ion Ratio Lower Upper

184 100

185 16.2 12.9 19.3

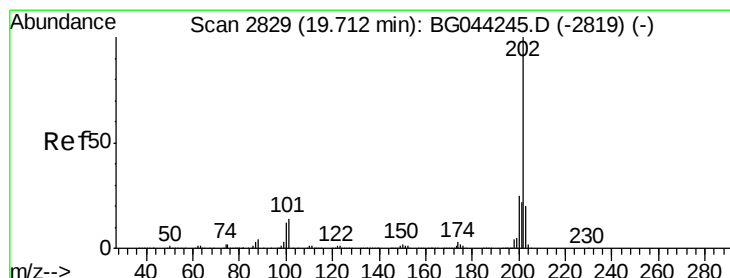
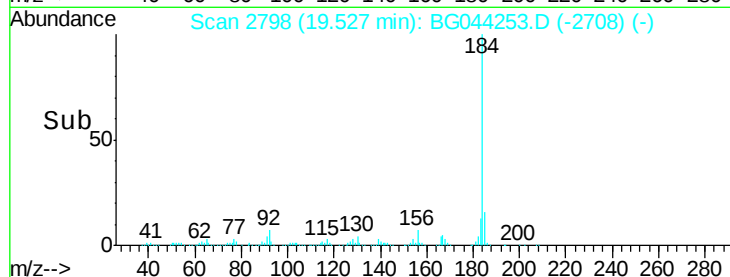
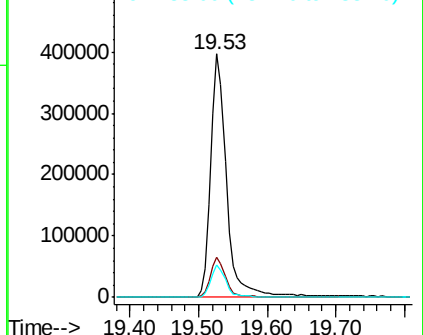
183 13.2 10.8 16.2



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



#78

Pyrene

Concen: 42.825 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

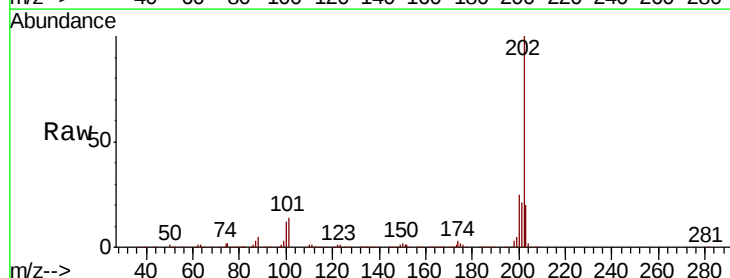
Tgt Ion:202 Resp: 1265087

Ion Ratio Lower Upper

202 100

200 24.8 20.0 30.0

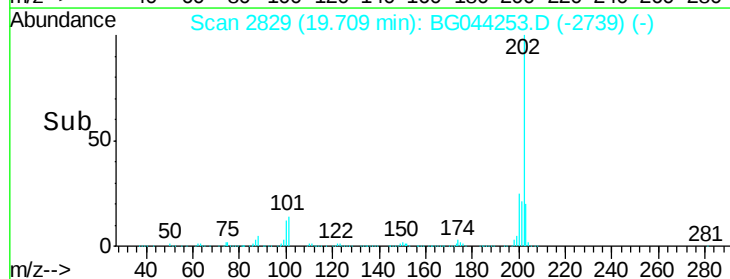
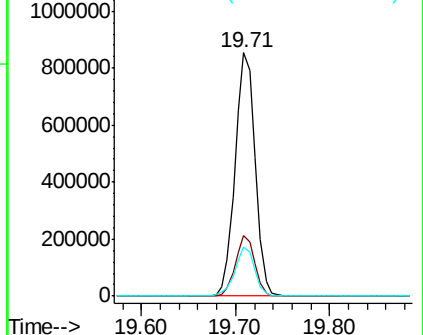
203 20.0 16.2 24.2



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



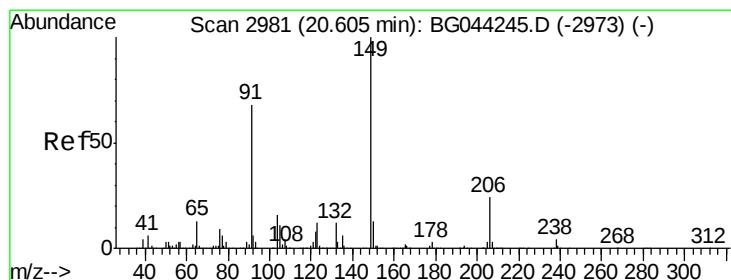
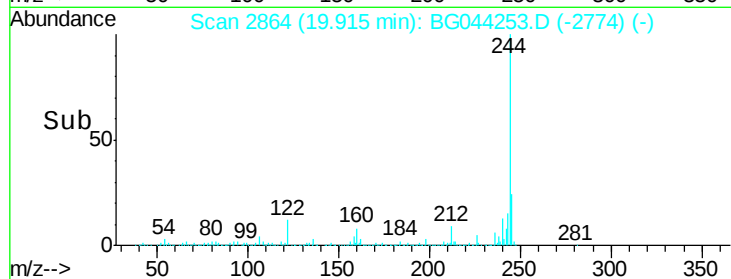
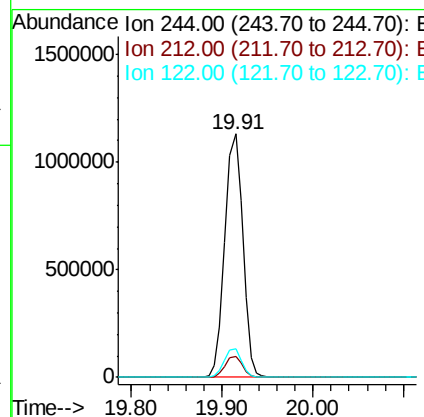
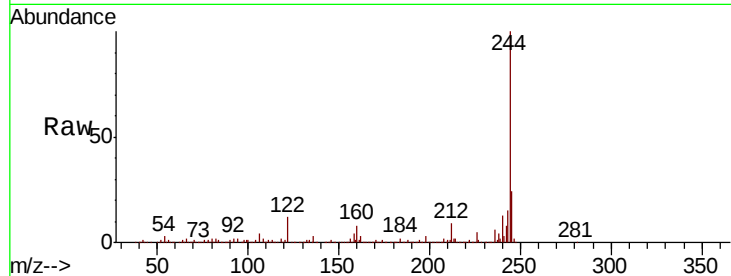


#79
 Terphenyl-d14
 Concen: 69.737 ng
 RT: 19.91 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1559567

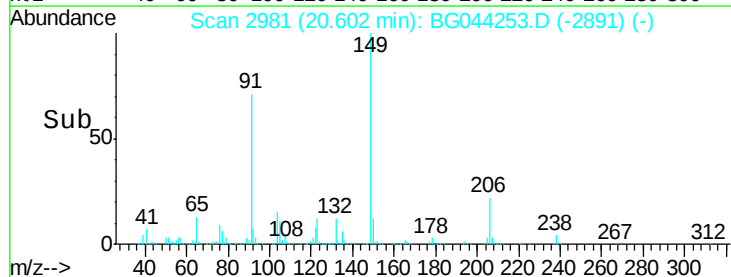
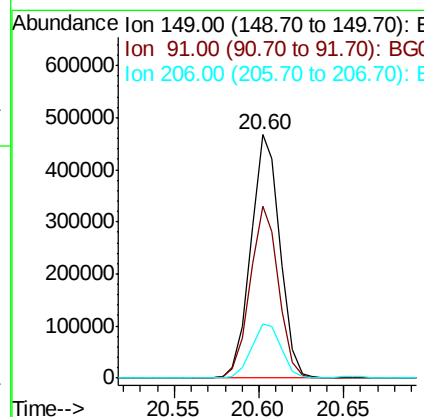
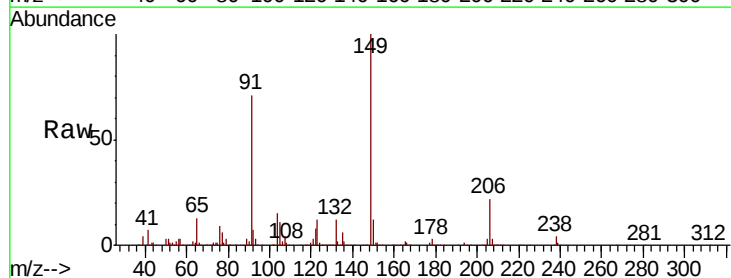
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	11.7	9.8	14.6

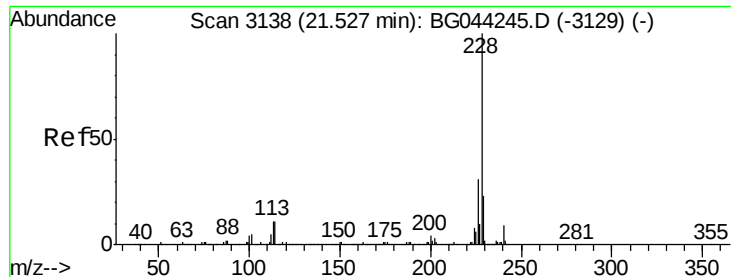


#80
 Butylbenzylphthalate
 Concen: 41.496 ng
 RT: 20.60 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BG044253.D
 Acq: 31 Jan 2020 10:18

Tgt Ion:149 Resp: 558612

Ion	Ratio	Lower	Upper
149	100		
91	70.8	54.5	81.7
206	22.1	19.1	28.7





#81

Benzo(a)anthracene

Concen: 43.196 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

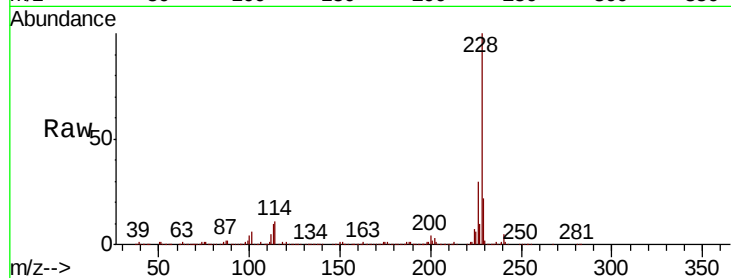
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1224590

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	22.1	18.2	27.4

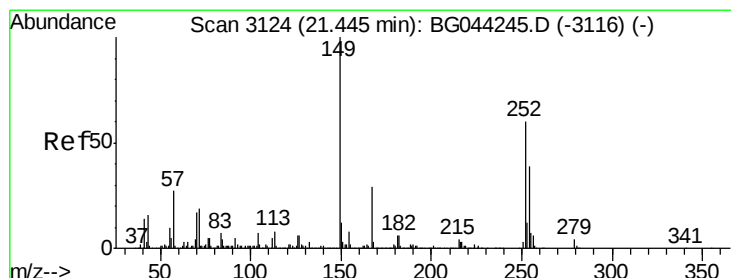
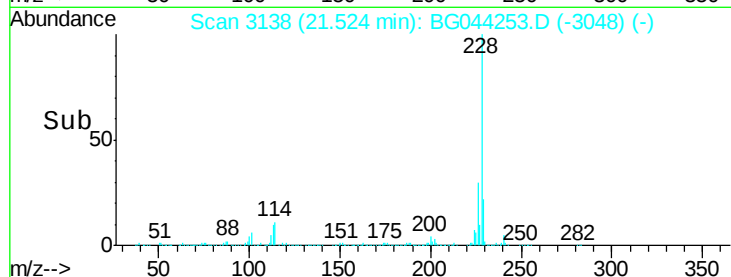
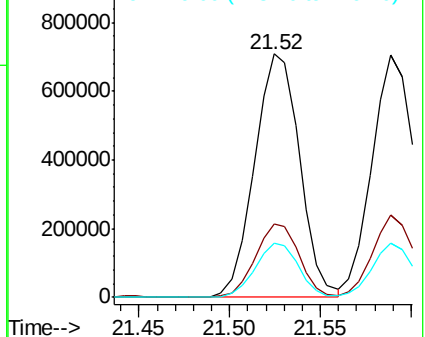


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.367 ng

RT: 21.44 min Scan# 3124

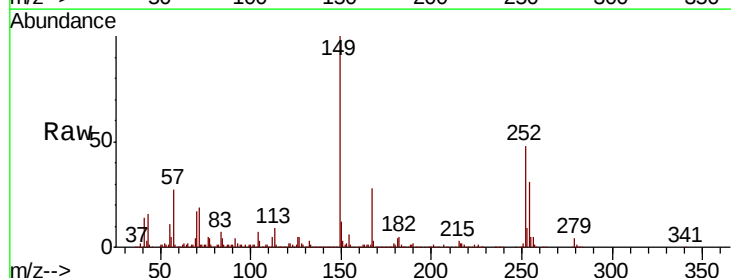
Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Tgt Ion:252 Resp: 334126

Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.6	78.8
126	9.7	8.2	12.4

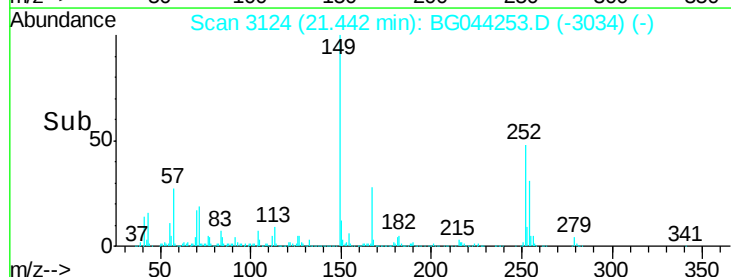
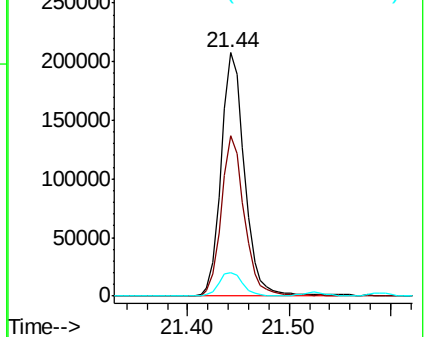


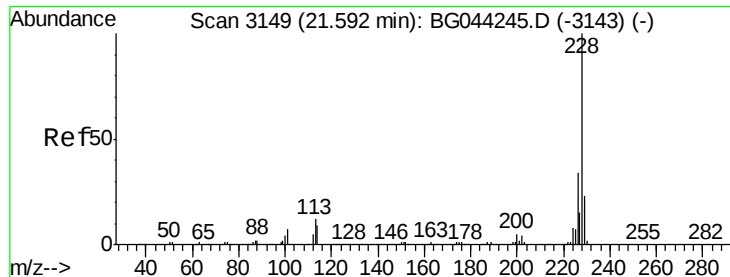
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.286 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1158742

Ion Ratio Lower Upper

228 100

226 33.9 27.1 40.7

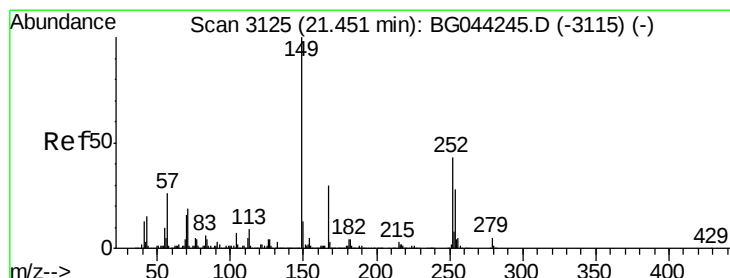
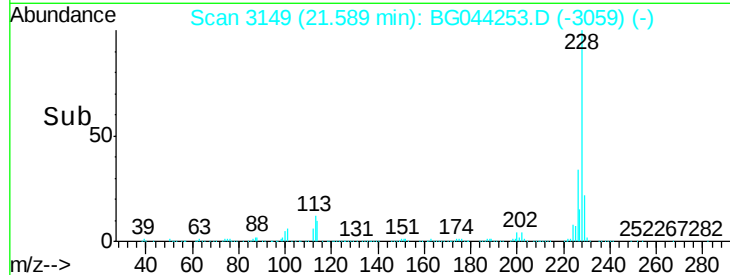
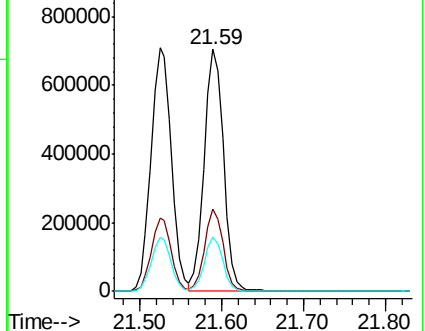
229 22.4 17.9 26.9



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: 42.665 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

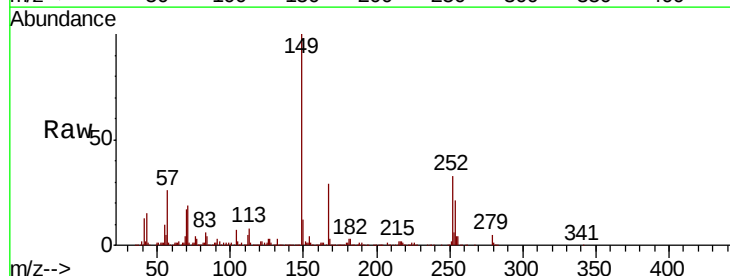
Tgt Ion:149 Resp: 790546

Ion Ratio Lower Upper

149 100

167 29.2 24.0 36.0

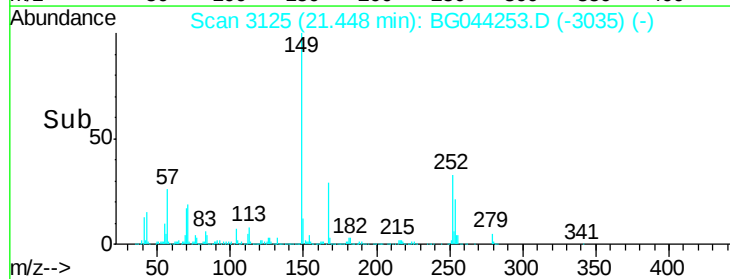
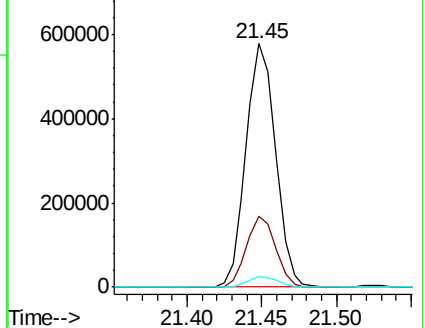
279 4.5 3.8 5.8

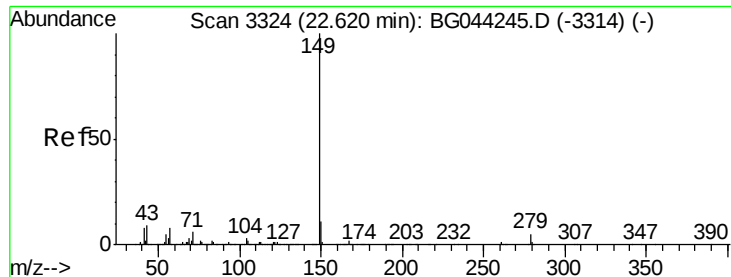


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.315 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

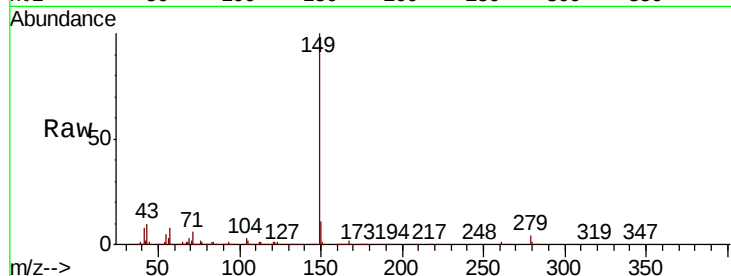
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 1388666

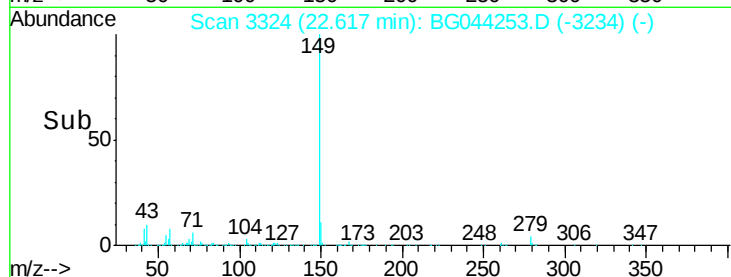
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.1	7.4	11.0



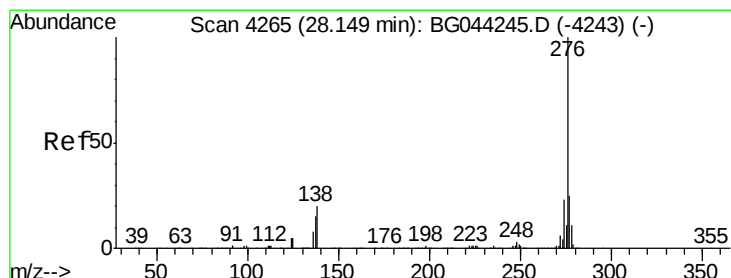
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.030 ng

RT: 28.15 min Scan# 4265

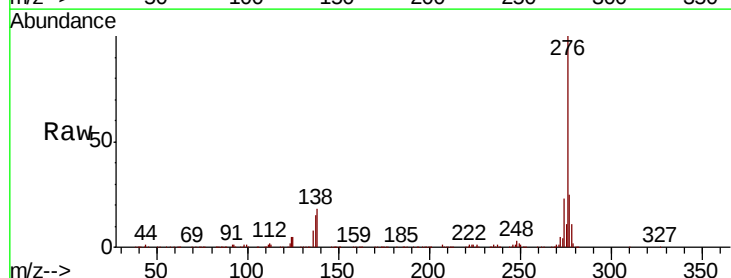
Delta R.T. -0.00 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Tgt Ion:276 Resp: 1502613

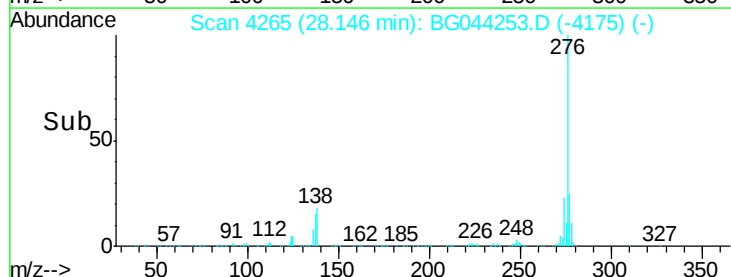
Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.4	29.0
277	25.9	21.0	31.6



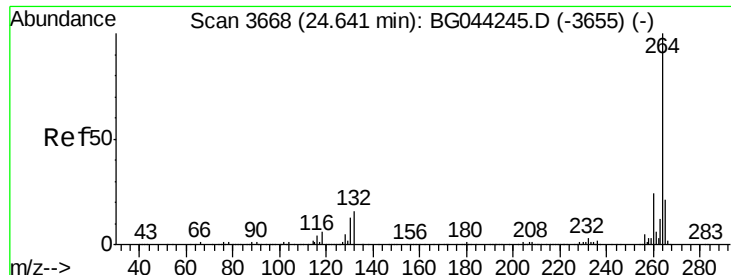
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

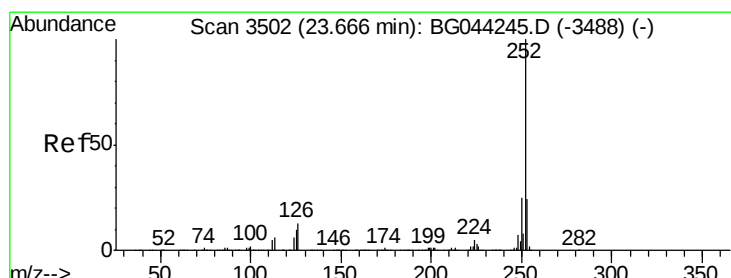
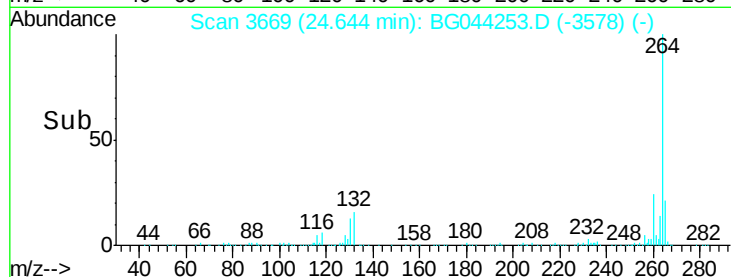
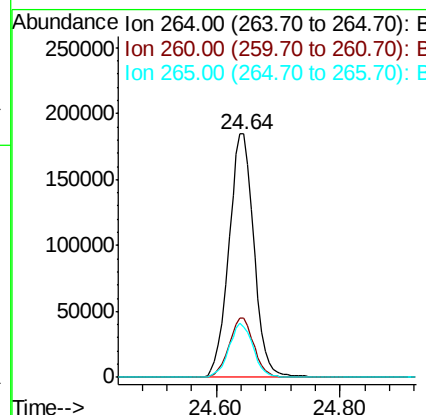
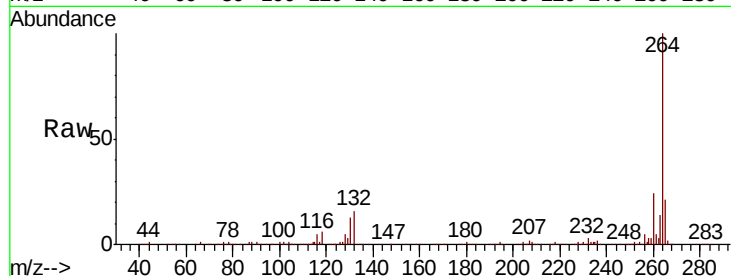


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 518760

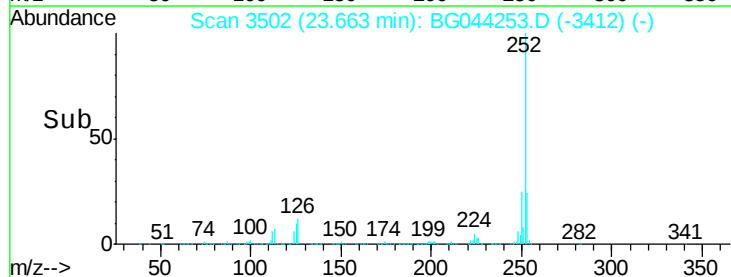
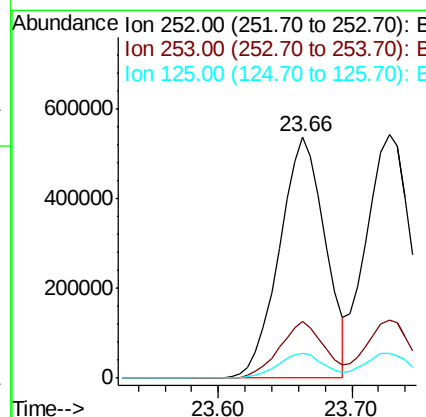
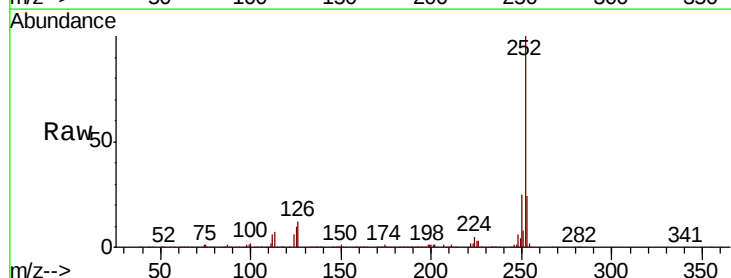
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	20.8	16.7	25.1

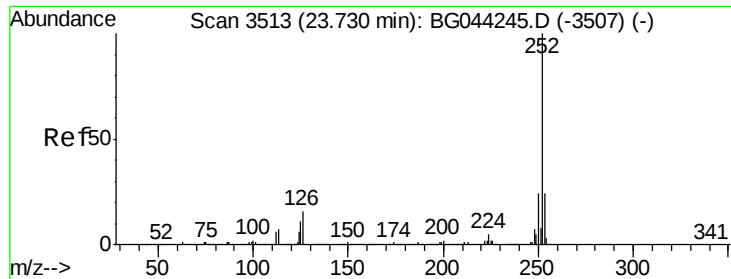


#88
Benzo(b)fluoranthene
Concen: 42.710 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion:252 Resp: 1276714

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	10.3	8.4	12.6

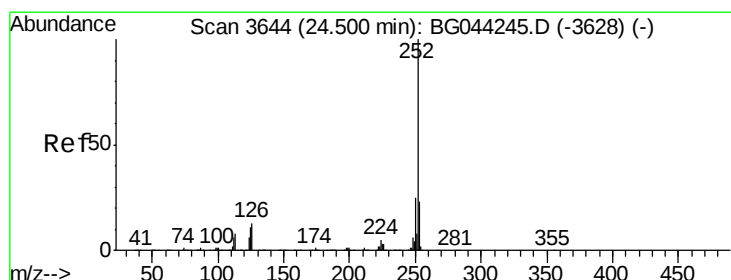
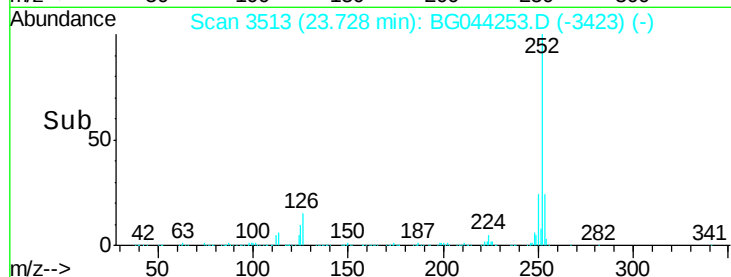
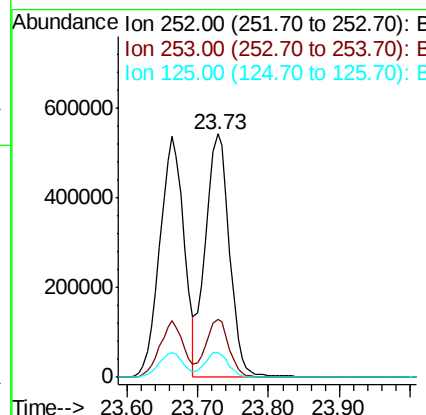
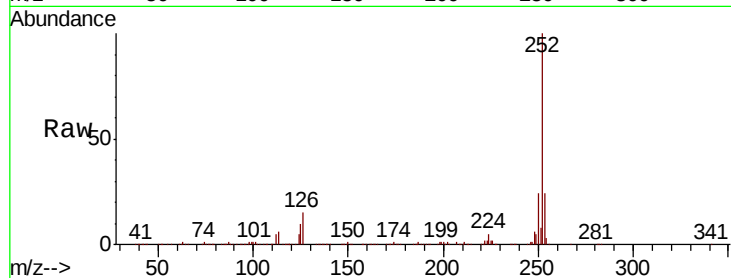




#89
Benzo(k)fluoranthene
Concen: 44.206 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

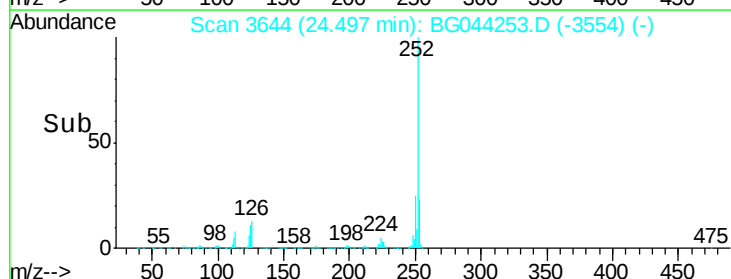
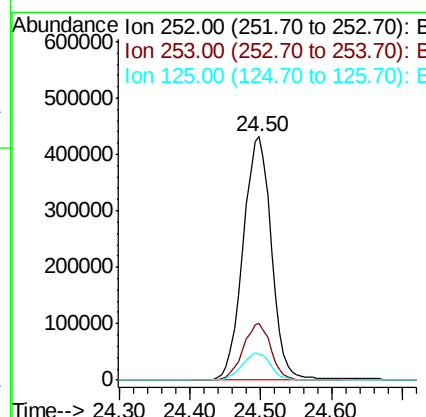
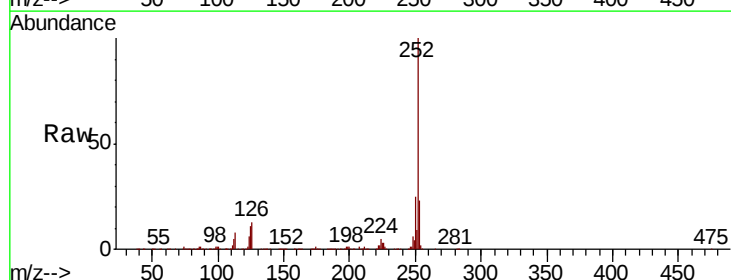
Instrument :
BNA_G
ClientSampleId :

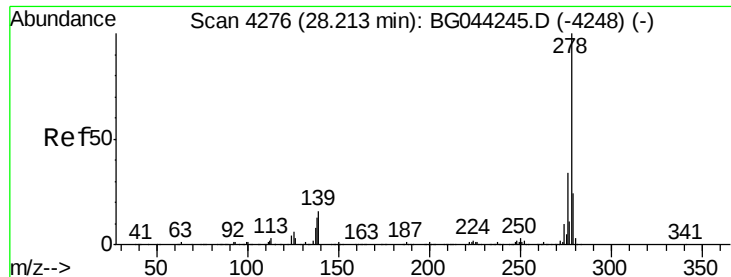
Tot Ion:252 Resp: 1287917
Ion Ratio Lower Upper
252 100
253 23.8 19.1 28.7
125 10.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 42.505 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044253.D
Acq: 31 Jan 2020 10:18

Tgt Ion:252 Resp: 1201339
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 10.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.948 ng

RT: 28.20 min Scan# 4275

Delta R.T. -0.01 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

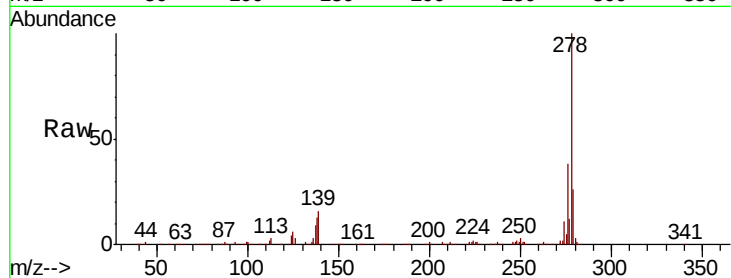
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1229274

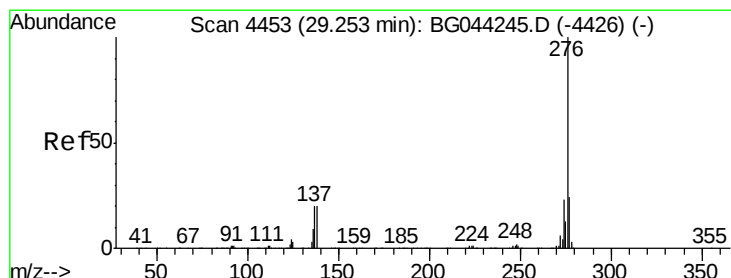
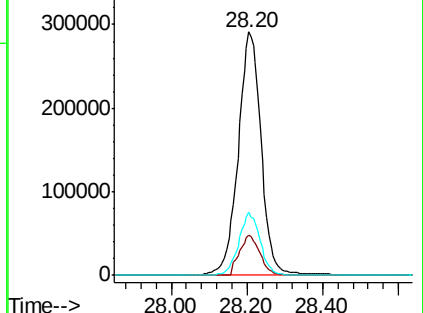
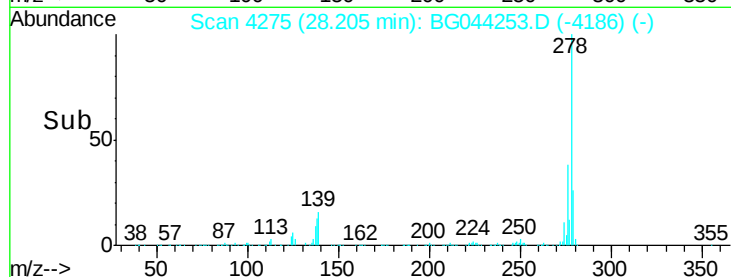
Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	25.7	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.516 ng

RT: 29.24 min Scan# 4452

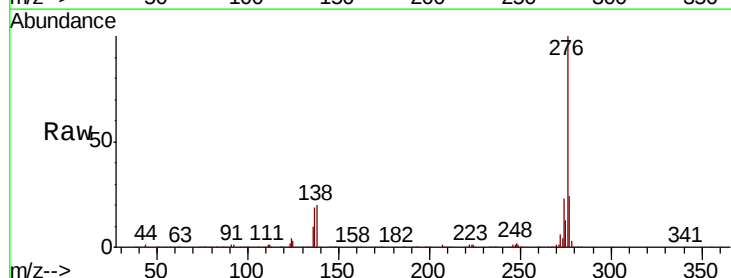
Delta R.T. -0.01 min

Lab File: BG044253.D

Acq: 31 Jan 2020 10:18

Tgt Ion:276 Resp: 1246492

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	20.4	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

